



## ภาคผนวก ค

---

รายงานผลการตรวจวัดคุณภาพสิ่งแวดล้อม

## TEST REPORT

Analysis No. : R25-5024  
 Received Date : 29/12/25-02/01/26  
 Customer : Technical Division of Thai Environmental Technic Limited  
 For บริษัท ไทยโตไคคาร์บอนโปรดักท์ จำกัด  
 โครงการโรงงานผลิตคาร์บอนแบล็ก  
 Address : เลขที่ 888/7 นิคมอุตสาหกรรมหลักชัยเมืองยาง ตำบลสำนักทอง  
 อำเภอเมือง จังหวัดระยอง  
 Contact : -

Report Date : 08/01/26  
 Analysis Date : 26/12/25-06/01/26  
 Job No. : S680590/Dec  
 Sampling By : TET  
 Type of Sample : Ambient Air

| Sampling Point                                       | Sample No.  | Sampling Date | Result                      |                               |                                | Analysis Date     |
|------------------------------------------------------|-------------|---------------|-----------------------------|-------------------------------|--------------------------------|-------------------|
|                                                      |             |               | TSP<br>(mg/m <sup>3</sup> ) | PM-10<br>(mg/m <sup>3</sup> ) | PM-2.5<br>(µg/m <sup>3</sup> ) |                   |
| หมู่ที่ 5 บ้านเกษตรศิริ<br>(47P 0767135 UTM 1410555) | 2512-AA1376 | 24-25/12/25   | 0.047                       | 0.013                         | 10                             | 26/12/25-02/01/26 |
|                                                      | 2512-AA1499 | 25-26/12/25   | 0.086                       | 0.022                         | 11                             | 29/12/25-05/01/26 |
|                                                      | 2512-AA1502 | 26-27/12/25   | 0.022                       | 0.011                         | 4                              | 29/12/25-05/01/26 |
|                                                      | 2512-AA1505 | 27-28/12/25   | 0.031                       | 0.016                         | 10                             | 29/12/25-05/01/26 |
|                                                      | 2512-AA1536 | 28-29/12/25   | 0.020                       | 0.010                         | 4                              | 30/12/25-05/01/26 |
|                                                      | 2601-AA0001 | 29-30/12/25   | 0.035                       | 0.010                         | 8                              | 02-06/01/26       |
|                                                      | 2601-AA0004 | 30-31/12/25   | 0.038                       | 0.009                         | 3                              | 02-06/01/26       |
| หมู่ที่ 2 บ้านยายจั่น<br>(47P 0768945 UTM 1407554)   | 2512-AA1377 | 24-25/12/25   | 0.038                       | 0.014                         | 10                             | 26/12/25-02/01/26 |
|                                                      | 2512-AA1500 | 25-26/12/25   | 0.042                       | 0.014                         | 1                              | 29/12/25-05/01/26 |
|                                                      | 2512-AA1503 | 26-27/12/25   | 0.025                       | 0.006                         | 2                              | 29/12/25-05/01/26 |
|                                                      | 2512-AA1506 | 27-28/12/25   | 0.037                       | 0.011                         | 6                              | 29/12/25-05/01/26 |
|                                                      | 2512-AA1537 | 28-29/12/25   | 0.032                       | 0.013                         | 5                              | 30/12/25-05/01/26 |
|                                                      | 2601-AA0002 | 29-30/12/25   | 0.038                       | 0.012                         | < 1                            | 02-06/01/26       |
|                                                      | 2601-AA0005 | 30-31/12/25   | 0.040                       | 0.010                         | 8                              | 02-06/01/26       |
| Standard <sup>(1)</sup>                              |             |               | 0.33                        | 0.12                          | 37.5 <sup>(2)</sup>            |                   |

Method : TSP = Gravimetric Method (US.EPA 40 CFR Part 50 Appendix B)  
 PM-10 = Gravimetric Method (US.EPA 40 CFR Part 50 Appendix J)  
 PM-2.5 = Gravimetric Method (US.EPA 40 CFR Part 50)

Standard (1) Notification of the National Environment Board No. 10 (1995) (B.E. 2538) and No. 24 (2004) (B.E. 2547); 24-hr. average value  
 (2) Notification of the National Environment Board (2022) (B.E. 2565), 24-hr. average value.

Reviewed by

Ms. Wareerat Prachumdaeng  
 Chief of Laboratory  
 08/01/26



Approved by

Mrs. Porntip Pethshee  
 Laboratory Manager  
 08/01/26

- REPORTED RESULTS REFER TO SUBMITTED SAMPLE(S) ONLY
- DO NOT COPY PARTIAL OF THIS ANALYSIS REPORT WITHOUT OFFICIAL APPROVAL

## TEST REPORT

Analysis No. : R25-5024  
Received Date : 29/12/25-02/01/26  
Customer : Technical Division of Thai Environmental Technic Limited  
For บริษัท ไทยโตโกคาร์บอนโปรดักท์ จำกัด  
โครงการโรงงานผลิตรายการคาร์บอนแบล็ก  
Address : เลขที่ 888/7 นิคมอุตสาหกรรมหลักชัยเมืองยาง ตำบลสำนักทอง  
อำเภอเมือง จังหวัดระยอง  
Contact : -

Report Date : 08/01/26  
Analysis Date : 26/12/25-06/01/26  
Job No. : S680590/Dec  
Sampling By : TET  
Type of Sample : Ambient Air

| Sampling Point                                                                                   | Sample No.  | Sampling Date | Result                      |                               |                                | Analysis Date     |
|--------------------------------------------------------------------------------------------------|-------------|---------------|-----------------------------|-------------------------------|--------------------------------|-------------------|
|                                                                                                  |             |               | TSP<br>(mg/m <sup>3</sup> ) | PM-10<br>(mg/m <sup>3</sup> ) | PM-2.5<br>(µg/m <sup>3</sup> ) |                   |
| โรงเรียนไทยรัฐวิทยา ๑๐๘<br>(บ้านสำนักทอง)<br>(โรงเรียนบ้านสำนักทอง)<br>(47P 0769231 UTM 1412658) | 2512-AA1378 | 24-25/12/25   | 0.049                       | 0.021                         | 10                             | 26/12/25-02/01/26 |
|                                                                                                  | 2512-AA1501 | 25-26/12/25   | 0.090                       | 0.022                         | 7                              | 29/12/25-05/01/26 |
|                                                                                                  | 2512-AA1504 | 26-27/12/25   | 0.040                       | 0.011                         | 9                              | 29/12/25-05/01/26 |
|                                                                                                  | 2512-AA1507 | 27-28/12/25   | 0.043                       | 0.017                         | 5                              | 29/12/25-05/01/26 |
|                                                                                                  | 2512-AA1538 | 28-29/12/25   | 0.045                       | 0.017                         | 6                              | 30/12/25-05/01/26 |
|                                                                                                  | 2601-AA0003 | 29-30/12/25   | 0.040                       | 0.015                         | 10                             | 02-06/01/26       |
|                                                                                                  | 2601-AA0006 | 30-31/12/25   | 0.045                       | 0.019                         | 11                             | 02-06/01/26       |
| Standard <sup>(1)</sup>                                                                          |             |               | 0.33                        | 0.12                          | 37.5 <sup>(2)</sup>            |                   |

Method : TSP = Gravimetric Method (US.EPA 40 CFR Part 50 Appendix B)  
PM-10 = Gravimetric Method (US.EPA 40 CFR Part 50 Appendix J)  
PM-2.5 = Gravimetric Method (US.EPA 40 CFR Part 50)

Standard (1) Notification of the National Environment Board No. 10 (1995) (B.E. 2538) and No. 24 (2004) (B.E. 2547); 24-hr. average value  
(2) Notification of the National Environment Board (2022) (B.E. 2565), 24-hr. average value.

Reviewed by



Ms. Wareerat Prachumdaeng  
Chief of Laboratory  
08/01/26



Approved by



Mrs. Porntip Pethshee  
Laboratory Manager  
08/01/26

..... END OF REPORT .....

- REPORTED RESULTS REFER TO SUBMITTED SAMPLE(S) ONLY
- DO NOT COPY PARTIAL OF THIS ANALYSIS REPORT WITHOUT OFFICIAL APPROVAL

## TEST REPORT

Customer Name : บริษัท ไทยโตไคคาร์บอนโปรดักท์ จำกัด Report No. : 5024/2025/1-23  
Project : โครงการโรงงานผลิตคาร์บอนแบล็ก Report Date : January 9, 2026  
Address : เลขที่ 888/7 นิคมอุตสาหกรรมหลักชัยเมืองยาง Sampling Date : December 24-31, 2025  
ตำบลสำนักทอง อำเภอเมือง จังหวัดระยอง Type of Sample : Ambient Air  
Job No. : S680590/Dec

| Item                    | Time        | Result                  |             |             |             |             |             |             |
|-------------------------|-------------|-------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
|                         |             | หมู่ที่ 5 บ้านเกษตรศิริ |             |             |             |             |             |             |
|                         |             | NO <sub>2</sub> (ppm)   |             |             |             |             |             |             |
|                         |             | 24-25/12/25             | 25-26/12/25 | 26-27/12/25 | 27-28/12/25 | 28-29/12/25 | 29-30/12/25 | 30-31/12/25 |
| 1.                      | 09:00-10:00 | 0.0053                  | 0.0045      | 0.0042      | 0.0075      | 0.0050      | 0.0052      | 0.0041      |
| 2.                      | 10:00-11:00 | 0.0038                  | 0.0035      | 0.0076      | 0.0062      | 0.0070      | 0.0053      | 0.0048      |
| 3.                      | 11:00-12:00 | 0.0084                  | 0.0041      | 0.0057      | 0.0051      | 0.0068      | 0.0030      | 0.0043      |
| 4.                      | 12:00-13:00 | 0.0028                  | 0.0039      | 0.0039      | 0.0036      | 0.0031      | 0.0065      | 0.0037      |
| 5.                      | 13:00-14:00 | 0.0052                  | 0.0038      | 0.0035      | 0.0053      | 0.0083      | 0.0085      | 0.0031      |
| 6.                      | 14:00-15:00 | 0.0053                  | 0.0039      | 0.0039      | 0.0036      | 0.0067      | 0.0041      | 0.0046      |
| 7.                      | 15:00-16:00 | 0.0036                  | 0.0045      | 0.0035      | 0.0037      | 0.0042      | 0.0042      | 0.0034      |
| 8.                      | 16:00-17:00 | 0.0036                  | 0.0041      | 0.0023      | 0.0032      | 0.0053      | 0.0041      | 0.0028      |
| 9.                      | 17:00-18:00 | 0.0046                  | 0.0047      | 0.0029      | 0.0034      | 0.0038      | 0.0042      | 0.0022      |
| 10.                     | 18:00-19:00 | 0.0047                  | 0.0043      | 0.0033      | 0.0030      | 0.0036      | 0.0044      | 0.0039      |
| 11.                     | 19:00-20:00 | 0.0047                  | 0.0051      | 0.0029      | 0.0032      | 0.0042      | 0.0036      | 0.0032      |
| 12.                     | 20:00-21:00 | 0.0038                  | 0.0055      | 0.0033      | 0.0042      | 0.0035      | 0.0035      | 0.0035      |
| 13.                     | 21:00-22:00 | 0.0040                  | 0.0061      | 0.0029      | 0.0027      | 0.0031      | 0.0028      | 0.0055      |
| 14.                     | 22:00-23:00 | 0.0036                  | 0.0056      | 0.0025      | 0.0027      | 0.0028      | 0.0056      | 0.0053      |
| 15.                     | 23:00-00:00 | 0.0047                  | 0.0051      | 0.0024      | 0.0032      | 0.0027      | 0.0033      | 0.0040      |
| 16.                     | 00:00-01:00 | 0.0053                  | 0.0054      | 0.0063      | 0.0021      | 0.0023      | 0.0042      | 0.0049      |
| 17.                     | 01:00-02:00 | 0.0051                  | 0.0049      | 0.0061      | 0.0025      | 0.0028      | 0.0045      | 0.0065      |
| 18.                     | 02:00-03:00 | 0.0048                  | 0.0049      | 0.0053      | 0.0027      | 0.0036      | 0.0045      | 0.0056      |
| 19.                     | 03:00-04:00 | 0.0049                  | 0.0072      | 0.0064      | 0.0030      | 0.0036      | 0.0064      | 0.0049      |
| 20.                     | 04:00-05:00 | 0.0058                  | 0.0060      | 0.0038      | 0.0035      | 0.0040      | 0.0070      | 0.0028      |
| 21.                     | 05:00-06:00 | 0.0043                  | 0.0048      | 0.0036      | 0.0037      | 0.0031      | 0.0064      | 0.0024      |
| 22.                     | 06:00-07:00 | 0.0037                  | 0.0088      | 0.0052      | 0.0048      | 0.0043      | 0.0045      | 0.0028      |
| 23.                     | 07:00-08:00 | 0.0042                  | 0.0071      | 0.0053      | 0.0041      | 0.0041      | 0.0040      | 0.0043      |
| 24.                     | 08:00-09:00 | 0.0033                  | 0.0054      | 0.0070      | 0.0038      | 0.0049      | 0.0040      | 0.0046      |
| Minimum                 |             | 0.0028                  | 0.0035      | 0.0023      | 0.0021      | 0.0023      | 0.0028      | 0.0022      |
| Maximum                 |             | 0.0084                  | 0.0088      | 0.0076      | 0.0075      | 0.0083      | 0.0085      | 0.0065      |
| Average                 |             | 0.0046                  | 0.0051      | 0.0043      | 0.0038      | 0.0043      | 0.0047      | 0.0041      |
| Standard <sup>(1)</sup> |             | 0.17                    |             |             |             |             |             |             |

Standard : <sup>(1)</sup> Notification of the National Environment Board No. 33 (2009) (B.E. 2552)

Pramual Moonsarn

Wannasiri Suriyawong



- REPORTED RESULTS REFER TO SUBMITTED SAMPLE(S) ONLY
- DO NOT COPY PARTIAL OF THIS ANALYSIS REPORT WITHOUT OFFICIAL APPROVAL

## TEST REPORT

Customer Name : บริษัท ไทยโตไคคาร์บอนโปรดักท์ จำกัด Report No. : 5024/2025/2-23  
Project : โครงการโรงงานผลิตคาร์บอนแบล็ก Report Date : January 9, 2026  
Address : เลขที่ 888/7 นิคมอุตสาหกรรมหลักชัยเมืองยาง Sampling Date : December 24-31, 2025  
ตำบลสำนึกทอง อำเภอเมือง จังหวัดระยอง Type of Sample : Ambient Air  
Job No. : S680590/Dec

| Item                    | Time        | Result                |             |             |             |             |             |             |
|-------------------------|-------------|-----------------------|-------------|-------------|-------------|-------------|-------------|-------------|
|                         |             | หมู่ที่ 2 บ้านยายจั่น |             |             |             |             |             |             |
|                         |             | NO <sub>2</sub> (ppm) |             |             |             |             |             |             |
|                         |             | 24-25/12/25           | 25-26/12/25 | 26-27/12/25 | 27-28/12/25 | 28-29/12/25 | 29-30/12/25 | 30-31/12/25 |
| 1.                      | 10:00-11:00 | 0.0040                | 0.0058      | 0.0042      | 0.0046      | 0.0064      | 0.0051      | 0.0061      |
| 2.                      | 11:00-12:00 | 0.0038                | 0.0054      | 0.0052      | 0.0046      | 0.0063      | 0.0051      | 0.0048      |
| 3.                      | 12:00-13:00 | 0.0049                | 0.0041      | 0.0056      | 0.0036      | 0.0061      | 0.0059      | 0.0050      |
| 4.                      | 13:00-14:00 | 0.0052                | 0.0039      | 0.0048      | 0.0043      | 0.0071      | 0.0051      | 0.0055      |
| 5.                      | 14:00-15:00 | 0.0044                | 0.0037      | 0.0051      | 0.0037      | 0.0054      | 0.0049      | 0.0043      |
| 6.                      | 15:00-16:00 | 0.0062                | 0.0039      | 0.0064      | 0.0040      | 0.0052      | 0.0070      | 0.0037      |
| 7.                      | 16:00-17:00 | 0.0057                | 0.0040      | 0.0041      | 0.0034      | 0.0063      | 0.0045      | 0.0040      |
| 8.                      | 17:00-18:00 | 0.0061                | 0.0025      | 0.0019      | 0.0053      | 0.0074      | 0.0051      | 0.0043      |
| 9.                      | 18:00-19:00 | 0.0028                | 0.0026      | 0.0025      | 0.0043      | 0.0037      | 0.0033      | 0.0036      |
| 10.                     | 19:00-20:00 | 0.0020                | 0.0019      | 0.0026      | 0.0038      | 0.0026      | 0.0033      | 0.0034      |
| 11.                     | 20:00-21:00 | 0.0040                | 0.0021      | 0.0029      | 0.0034      | 0.0035      | 0.0022      | 0.0034      |
| 12.                     | 21:00-22:00 | 0.0028                | 0.0026      | 0.0020      | 0.0019      | 0.0033      | 0.0019      | 0.0029      |
| 13.                     | 22:00-23:00 | 0.0042                | 0.0021      | 0.0033      | 0.0035      | 0.0040      | 0.0028      | 0.0028      |
| 14.                     | 23:00-00:00 | 0.0028                | 0.0030      | 0.0028      | 0.0041      | 0.0041      | 0.0018      | 0.0029      |
| 15.                     | 00:00-01:00 | 0.0028                | 0.0024      | 0.0029      | 0.0029      | 0.0026      | 0.0036      | 0.0028      |
| 16.                     | 01:00-02:00 | 0.0032                | 0.0024      | 0.0030      | 0.0063      | 0.0030      | 0.0033      | 0.0022      |
| 17.                     | 02:00-03:00 | 0.0017                | 0.0033      | 0.0049      | 0.0041      | 0.0036      | 0.0031      | 0.0023      |
| 18.                     | 03:00-04:00 | 0.0020                | 0.0039      | 0.0053      | 0.0036      | 0.0038      | 0.0034      | 0.0028      |
| 19.                     | 04:00-05:00 | 0.0029                | 0.0046      | 0.0044      | 0.0051      | 0.0043      | 0.0037      | 0.0032      |
| 20.                     | 05:00-06:00 | 0.0064                | 0.0054      | 0.0034      | 0.0049      | 0.0041      | 0.0058      | 0.0032      |
| 21.                     | 06:00-07:00 | 0.0078                | 0.0050      | 0.0066      | 0.0058      | 0.0059      | 0.0051      | 0.0041      |
| 22.                     | 07:00-08:00 | 0.0057                | 0.0039      | 0.0046      | 0.0066      | 0.0029      | 0.0049      | 0.0042      |
| 23.                     | 08:00-09:00 | 0.0048                | 0.0050      | 0.0049      | 0.0044      | 0.0050      | 0.0052      | 0.0041      |
| 24.                     | 09:00-10:00 | 0.0049                | 0.0020      | 0.0044      | 0.0041      | 0.0058      | 0.0062      | 0.0042      |
| Minimum                 |             | 0.0017                | 0.0019      | 0.0019      | 0.0019      | 0.0026      | 0.0018      | 0.0022      |
| Maximum                 |             | 0.0078                | 0.0058      | 0.0066      | 0.0066      | 0.0074      | 0.0070      | 0.0061      |
| Average                 |             | 0.0042                | 0.0036      | 0.0041      | 0.0043      | 0.0047      | 0.0043      | 0.0037      |
| Standard <sup>(1)</sup> |             | 0.17                  |             |             |             |             |             |             |

Standard : <sup>(1)</sup> Notification of the National Environment Board No. 33 (2009) (B.E. 2552)

Pramual Moonsarn

Wannasiri Suriyawong



- REPORTED RESULTS REFER TO SUBMITTED SAMPLE(S) ONLY
- DO NOT COPY PARTIAL OF THIS ANALYSIS REPORT WITHOUT OFFICIAL APPROVAL

## TEST REPORT

Customer Name : บริษัท ไทยโตไคคาร์บอนโปรดักท์ จำกัด Report No. : 5024/2025/3-23  
Project : โครงการโรงงานผลิตคาร์บอนแบล็ก Report Date : January 9, 2026  
Address : เลขที่ 888/7 นิคมอุตสาหกรรมหลักชัยเมืองยาง Sampling Date : December 24-31, 2025  
ตำบลสำนักทอง อำเภอเมือง จังหวัดระยอง Type of Sample : Ambient Air  
Job No. : S680590/Dec

| Item                    | Time        | Result                                                        |             |             |             |             |             |             |
|-------------------------|-------------|---------------------------------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
|                         |             | โรงเรียนไทยรัฐวิทยา ๑๐๘ (บ้านสำนักทอง) (โรงเรียนบ้านสำนักทอง) |             |             |             |             |             |             |
|                         |             | NO <sub>2</sub> (ppm)                                         |             |             |             |             |             |             |
|                         |             | 24-25/12/25                                                   | 25-26/12/25 | 26-27/12/25 | 27-28/12/25 | 28-29/12/25 | 29-30/12/25 | 30-31/12/25 |
| 1.                      | 11:00-12:00 | 0.0028                                                        | 0.0026      | 0.0020      | 0.0043      | 0.0033      | 0.0031      | 0.0020      |
| 2.                      | 12:00-13:00 | 0.0021                                                        | 0.0018      | 0.0014      | 0.0031      | 0.0026      | 0.0030      | 0.0025      |
| 3.                      | 13:00-14:00 | 0.0023                                                        | 0.0021      | 0.0013      | 0.0025      | 0.0024      | 0.0027      | 0.0020      |
| 4.                      | 14:00-15:00 | 0.0015                                                        | 0.0020      | 0.0011      | 0.0023      | 0.0027      | 0.0033      | 0.0018      |
| 5.                      | 15:00-16:00 | 0.0024                                                        | 0.0012      | 0.0014      | 0.0020      | 0.0014      | 0.0020      | 0.0017      |
| 6.                      | 16:00-17:00 | 0.0017                                                        | 0.0012      | 0.0014      | 0.0015      | 0.0014      | 0.0022      | 0.0014      |
| 7.                      | 17:00-18:00 | 0.0020                                                        | 0.0026      | 0.0013      | 0.0017      | 0.0012      | 0.0020      | 0.0015      |
| 8.                      | 18:00-19:00 | 0.0020                                                        | 0.0024      | 0.0013      | 0.0014      | 0.0013      | 0.0018      | 0.0017      |
| 9.                      | 19:00-20:00 | 0.0014                                                        | 0.0024      | 0.0015      | 0.0019      | 0.0020      | 0.0017      | 0.0013      |
| 10.                     | 20:00-21:00 | 0.0022                                                        | 0.0022      | 0.0015      | 0.0019      | 0.0022      | 0.0014      | 0.0013      |
| 11.                     | 21:00-22:00 | 0.0013                                                        | 0.0023      | 0.0012      | 0.0029      | 0.0033      | 0.0015      | 0.0020      |
| 12.                     | 22:00-23:00 | 0.0019                                                        | 0.0025      | 0.0012      | 0.0030      | 0.0028      | 0.0017      | 0.0034      |
| 13.                     | 23:00-00:00 | 0.0027                                                        | 0.0033      | 0.0031      | 0.0041      | 0.0046      | 0.0023      | 0.0049      |
| 14.                     | 00:00-01:00 | 0.0037                                                        | 0.0027      | 0.0019      | 0.0026      | 0.0040      | 0.0019      | 0.0046      |
| 15.                     | 01:00-02:00 | 0.0036                                                        | 0.0033      | 0.0033      | 0.0021      | 0.0048      | 0.0020      | 0.0044      |
| 16.                     | 02:00-03:00 | 0.0032                                                        | 0.0033      | 0.0029      | 0.0038      | 0.0056      | 0.0044      | 0.0033      |
| 17.                     | 03:00-04:00 | 0.0032                                                        | 0.0044      | 0.0027      | 0.0039      | 0.0049      | 0.0044      | 0.0031      |
| 18.                     | 04:00-05:00 | 0.0031                                                        | 0.0027      | 0.0043      | 0.0031      | 0.0038      | 0.0030      | 0.0043      |
| 19.                     | 05:00-06:00 | 0.0030                                                        | 0.0046      | 0.0028      | 0.0034      | 0.0049      | 0.0042      | 0.0027      |
| 20.                     | 06:00-07:00 | 0.0039                                                        | 0.0025      | 0.0033      | 0.0032      | 0.0037      | 0.0043      | 0.0033      |
| 21.                     | 07:00-08:00 | 0.0039                                                        | 0.0017      | 0.0042      | 0.0044      | 0.0037      | 0.0030      | 0.0042      |
| 22.                     | 08:00-09:00 | 0.0033                                                        | 0.0025      | 0.0044      | 0.0035      | 0.0041      | 0.0039      | 0.0041      |
| 23.                     | 09:00-10:00 | 0.0010                                                        | 0.0019      | 0.0060      | 0.0033      | 0.0032      | 0.0041      | 0.0044      |
| 24.                     | 10:00-11:00 | 0.0016                                                        | 0.0020      | 0.0049      | 0.0024      | 0.0043      | 0.0027      | 0.0045      |
| Minimum                 |             | 0.0010                                                        | 0.0012      | 0.0011      | 0.0014      | 0.0012      | 0.0014      | 0.0013      |
| Maximum                 |             | 0.0039                                                        | 0.0046      | 0.0060      | 0.0044      | 0.0056      | 0.0044      | 0.0049      |
| Average                 |             | 0.0025                                                        | 0.0025      | 0.0025      | 0.0028      | 0.0033      | 0.0028      | 0.0029      |
| Standard <sup>(1)</sup> |             | 0.17                                                          |             |             |             |             |             |             |

Standard : <sup>(1)</sup> Notification of the National Environment Board No. 33 (2009) (B.E. 2552)

Pramual Moonsarn



Wannasiri Suriyawong

- REPORTED RESULTS REFER TO SUBMITTED SAMPLE(S) ONLY
- DO NOT COPY PARTIAL OF THIS ANALYSIS REPORT WITHOUT OFFICIAL APPROVAL

## TEST REPORT

Customer Name : บริษัท ไทยโตไคคาร์บอนโปรดักท์ จำกัด Report No. : 5024/2025/4-23  
 Project : โครงการโรงงานผลิตคาร์บอนแบล็ก Report Date : January 9, 2026  
 Address : เลขที่ 888/7 นิคมอุตสาหกรรมหลักชัยเมืองยาง Sampling Date : December 24-31, 2025  
 ตำบลสำนักทอง อำเภอเมือง จังหวัดระยอง Type of Sample : Ambient Air  
 Job No. : S680590/Dec

| Item                    | Time        | Result                  |             |             |             |             |             |             |
|-------------------------|-------------|-------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
|                         |             | หมู่ที่ 5 บ้านเกษตรศิริ |             |             |             |             |             |             |
|                         |             | SO <sub>2</sub> (ppm)   |             |             |             |             |             |             |
|                         |             | 24-25/12/25             | 25-26/12/25 | 26-27/12/25 | 27-28/12/25 | 28-29/12/25 | 29-30/12/25 | 30-31/12/25 |
| 1.                      | 09:00-10:00 | 0.0033                  | 0.0025      | 0.0022      | 0.0055      | 0.0030      | 0.0032      | 0.0021      |
| 2.                      | 10:00-11:00 | 0.0018                  | 0.0015      | 0.0056      | 0.0042      | 0.0050      | 0.0033      | 0.0028      |
| 3.                      | 11:00-12:00 | 0.0064                  | 0.0021      | 0.0037      | 0.0031      | 0.0048      | 0.0010      | 0.0023      |
| 4.                      | 12:00-13:00 | 0.0008                  | 0.0019      | 0.0019      | 0.0016      | 0.0011      | 0.0045      | 0.0017      |
| 5.                      | 13:00-14:00 | 0.0032                  | 0.0018      | 0.0015      | 0.0033      | 0.0063      | 0.0065      | 0.0011      |
| 6.                      | 14:00-15:00 | 0.0033                  | 0.0019      | 0.0019      | 0.0016      | 0.0047      | 0.0021      | 0.0026      |
| 7.                      | 15:00-16:00 | 0.0016                  | 0.0025      | 0.0015      | 0.0017      | 0.0022      | 0.0022      | 0.0014      |
| 8.                      | 16:00-17:00 | 0.0016                  | 0.0021      | 0.0003      | 0.0012      | 0.0033      | 0.0021      | 0.0008      |
| 9.                      | 17:00-18:00 | 0.0026                  | 0.0027      | 0.0009      | 0.0014      | 0.0018      | 0.0022      | 0.0002      |
| 10.                     | 18:00-19:00 | 0.0027                  | 0.0023      | 0.0013      | 0.0010      | 0.0016      | 0.0024      | 0.0019      |
| 11.                     | 19:00-20:00 | 0.0027                  | 0.0031      | 0.0009      | 0.0012      | 0.0022      | 0.0016      | 0.0012      |
| 12.                     | 20:00-21:00 | 0.0018                  | 0.0035      | 0.0013      | 0.0022      | 0.0015      | 0.0015      | 0.0015      |
| 13.                     | 21:00-22:00 | 0.0020                  | 0.0041      | 0.0009      | 0.0007      | 0.0011      | 0.0008      | 0.0035      |
| 14.                     | 22:00-23:00 | 0.0016                  | 0.0036      | 0.0005      | 0.0007      | 0.0008      | 0.0036      | 0.0033      |
| 15.                     | 23:00-00:00 | 0.0027                  | 0.0031      | 0.0004      | 0.0012      | 0.0007      | 0.0013      | 0.0020      |
| 16.                     | 00:00-01:00 | 0.0033                  | 0.0034      | 0.0043      | 0.0001      | 0.0003      | 0.0022      | 0.0029      |
| 17.                     | 01:00-02:00 | 0.0031                  | 0.0029      | 0.0041      | 0.0005      | 0.0008      | 0.0025      | 0.0045      |
| 18.                     | 02:00-03:00 | 0.0028                  | 0.0029      | 0.0033      | 0.0007      | 0.0016      | 0.0025      | 0.0036      |
| 19.                     | 03:00-04:00 | 0.0029                  | 0.0052      | 0.0044      | 0.0010      | 0.0016      | 0.0044      | 0.0029      |
| 20.                     | 04:00-05:00 | 0.0038                  | 0.0040      | 0.0018      | 0.0015      | 0.0020      | 0.0050      | 0.0008      |
| 21.                     | 05:00-06:00 | 0.0023                  | 0.0028      | 0.0016      | 0.0017      | 0.0011      | 0.0044      | 0.0004      |
| 22.                     | 06:00-07:00 | 0.0017                  | 0.0068      | 0.0032      | 0.0028      | 0.0023      | 0.0025      | 0.0008      |
| 23.                     | 07:00-08:00 | 0.0022                  | 0.0051      | 0.0033      | 0.0021      | 0.0021      | 0.0020      | 0.0023      |
| 24.                     | 08:00-09:00 | 0.0013                  | 0.0034      | 0.0050      | 0.0018      | 0.0029      | 0.0020      | 0.0026      |
| Minimum                 |             | 0.0008                  | 0.0015      | 0.0003      | 0.0001      | 0.0003      | 0.0008      | 0.0002      |
| Maximum                 |             | 0.0064                  | 0.0068      | 0.0056      | 0.0055      | 0.0063      | 0.0065      | 0.0045      |
| Average                 |             | 0.0026                  | 0.0031      | 0.0023      | 0.0018      | 0.0023      | 0.0027      | 0.0021      |
| Standard <sup>(1)</sup> |             | 0.30                    |             |             |             |             |             |             |

Standard: <sup>(1)</sup> Notification of the National Environment Board No. 12 (1995) (B.E. 2538) and No. 21 (2001) (B.E. 2544)

Pramual M.

Pramual Moonsarn



Wannasiri S.

Wannasiri Suriyawong

- REPORTED RESULTS REFER TO SUBMITTED SAMPLE(S) ONLY
- DO NOT COPY PARTIAL OF THIS ANALYSIS REPORT WITHOUT OFFICIAL APPROVAL

## TEST REPORT

Customer Name : บริษัท ไทยโตไคคาร์บอนโปรดักท์ จำกัด Report No. : 5024/2025/5-23  
Project : โครงการโรงงานผลิตคาร์บอนแบล็ก Report Date : January 9, 2026  
Address : เลขที่ 888/7 นิคมอุตสาหกรรมหลักชัยเมืองยาง Sampling Date : December 24-31, 2025  
ตำบลสำนักทอง อำเภอเมือง จังหวัดระยอง Type of Sample : Ambient Air  
Job No. : S680590/Dec

| Item                    | Time        | Result                |             |             |             |             |             |             |
|-------------------------|-------------|-----------------------|-------------|-------------|-------------|-------------|-------------|-------------|
|                         |             | หมู่ที่ 2 บ้านยายจั่น |             |             |             |             |             |             |
|                         |             | SO <sub>2</sub> (ppm) |             |             |             |             |             |             |
|                         |             | 24-25/12/25           | 25-26/12/25 | 26-27/12/25 | 27-28/12/25 | 28-29/12/25 | 29-30/12/25 | 30-31/12/25 |
| 1.                      | 10:00-11:00 | 0.0030                | 0.0048      | 0.0032      | 0.0036      | 0.0054      | 0.0041      | 0.0051      |
| 2.                      | 11:00-12:00 | 0.0028                | 0.0044      | 0.0042      | 0.0036      | 0.0053      | 0.0041      | 0.0038      |
| 3.                      | 12:00-13:00 | 0.0039                | 0.0031      | 0.0046      | 0.0026      | 0.0051      | 0.0049      | 0.0040      |
| 4.                      | 13:00-14:00 | 0.0042                | 0.0029      | 0.0038      | 0.0033      | 0.0061      | 0.0041      | 0.0045      |
| 5.                      | 14:00-15:00 | 0.0034                | 0.0027      | 0.0041      | 0.0027      | 0.0044      | 0.0039      | 0.0033      |
| 6.                      | 15:00-16:00 | 0.0052                | 0.0029      | 0.0054      | 0.0030      | 0.0042      | 0.0060      | 0.0027      |
| 7.                      | 16:00-17:00 | 0.0047                | 0.0030      | 0.0031      | 0.0024      | 0.0053      | 0.0035      | 0.0030      |
| 8.                      | 17:00-18:00 | 0.0051                | 0.0015      | 0.0009      | 0.0043      | 0.0064      | 0.0041      | 0.0033      |
| 9.                      | 18:00-19:00 | 0.0018                | 0.0016      | 0.0015      | 0.0033      | 0.0027      | 0.0023      | 0.0026      |
| 10.                     | 19:00-20:00 | 0.0010                | 0.0009      | 0.0016      | 0.0028      | 0.0016      | 0.0023      | 0.0024      |
| 11.                     | 20:00-21:00 | 0.0030                | 0.0011      | 0.0019      | 0.0024      | 0.0025      | 0.0012      | 0.0024      |
| 12.                     | 21:00-22:00 | 0.0018                | 0.0016      | 0.0010      | 0.0009      | 0.0023      | 0.0009      | 0.0019      |
| 13.                     | 22:00-23:00 | 0.0032                | 0.0011      | 0.0023      | 0.0025      | 0.0030      | 0.0018      | 0.0018      |
| 14.                     | 23:00-00:00 | 0.0018                | 0.0020      | 0.0018      | 0.0031      | 0.0031      | 0.0008      | 0.0019      |
| 15.                     | 00:00-01:00 | 0.0018                | 0.0014      | 0.0019      | 0.0019      | 0.0016      | 0.0026      | 0.0018      |
| 16.                     | 01:00-02:00 | 0.0022                | 0.0014      | 0.0020      | 0.0053      | 0.0020      | 0.0023      | 0.0012      |
| 17.                     | 02:00-03:00 | 0.0007                | 0.0023      | 0.0039      | 0.0031      | 0.0026      | 0.0021      | 0.0013      |
| 18.                     | 03:00-04:00 | 0.0010                | 0.0029      | 0.0043      | 0.0026      | 0.0028      | 0.0024      | 0.0018      |
| 19.                     | 04:00-05:00 | 0.0019                | 0.0036      | 0.0034      | 0.0041      | 0.0033      | 0.0027      | 0.0022      |
| 20.                     | 05:00-06:00 | 0.0054                | 0.0044      | 0.0024      | 0.0039      | 0.0031      | 0.0048      | 0.0022      |
| 21.                     | 06:00-07:00 | 0.0068                | 0.0040      | 0.0056      | 0.0048      | 0.0049      | 0.0041      | 0.0031      |
| 22.                     | 07:00-08:00 | 0.0047                | 0.0029      | 0.0036      | 0.0056      | 0.0019      | 0.0039      | 0.0032      |
| 23.                     | 08:00-09:00 | 0.0038                | 0.0040      | 0.0039      | 0.0034      | 0.0040      | 0.0042      | 0.0031      |
| 24.                     | 09:00-10:00 | 0.0039                | 0.0010      | 0.0034      | 0.0031      | 0.0048      | 0.0052      | 0.0032      |
| Minimum                 |             | 0.0007                | 0.0009      | 0.0009      | 0.0009      | 0.0016      | 0.0008      | 0.0012      |
| Maximum                 |             | 0.0068                | 0.0048      | 0.0056      | 0.0056      | 0.0064      | 0.0060      | 0.0051      |
| Average                 |             | 0.0032                | 0.0026      | 0.0031      | 0.0033      | 0.0037      | 0.0033      | 0.0027      |
| Standard <sup>(1)</sup> |             | 0.30                  |             |             |             |             |             |             |

Standard: <sup>(1)</sup> Notification of the National Environment Board No. 12 (1995) (B.E. 2538) and No. 21 (2001) (B.E. 2544)

*Pramual M.*

Pramual Moonsarn



*Wannasiri S.*

Wannasiri Suriyawong

- REPORTED RESULTS REFER TO SUBMITTED SAMPLE(S) ONLY
- DO NOT COPY PARTIAL OF THIS ANALYSIS REPORT WITHOUT OFFICIAL APPROVAL

## TEST REPORT

Customer Name : บริษัท ไทยโตไคคาร์บอนโปรดักท์ จำกัด Report No. : 5024/2025/6-23  
Project : โครงการโรงงานผลิตคาร์บอนแบล็ก Report Date : January 9, 2026  
Address : เลขที่ 888/7 นิคมอุตสาหกรรมหลักชัยเมืองยาง Sampling Date : December 24-31, 2025  
ตำบลสำนักทอง อำเภอเมือง จังหวัดระยอง Type of Sample : Ambient Air  
Job No. : S680590/Dec

| Item                    | Time        | Result                                                        |             |             |             |             |             |             |
|-------------------------|-------------|---------------------------------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
|                         |             | โรงเรียนไทยรัฐวิทยา ๑๐๘ (บ้านสำนักทอง) (โรงเรียนบ้านสำนักทอง) |             |             |             |             |             |             |
|                         |             | SO <sub>2</sub> (ppm)                                         |             |             |             |             |             |             |
|                         |             | 24-25/12/25                                                   | 25-26/12/25 | 26-27/12/25 | 27-28/12/25 | 28-29/12/25 | 29-30/12/25 | 30-31/12/25 |
| 1.                      | 11:00-12:00 | 0.0026                                                        | 0.0024      | 0.0018      | 0.0041      | 0.0031      | 0.0029      | 0.0018      |
| 2.                      | 12:00-13:00 | 0.0019                                                        | 0.0016      | 0.0012      | 0.0029      | 0.0024      | 0.0028      | 0.0023      |
| 3.                      | 13:00-14:00 | 0.0021                                                        | 0.0019      | 0.0011      | 0.0023      | 0.0022      | 0.0025      | 0.0018      |
| 4.                      | 14:00-15:00 | 0.0013                                                        | 0.0018      | 0.0009      | 0.0021      | 0.0025      | 0.0031      | 0.0016      |
| 5.                      | 15:00-16:00 | 0.0022                                                        | 0.0010      | 0.0012      | 0.0018      | 0.0012      | 0.0018      | 0.0015      |
| 6.                      | 16:00-17:00 | 0.0015                                                        | 0.0010      | 0.0012      | 0.0013      | 0.0012      | 0.0020      | 0.0012      |
| 7.                      | 17:00-18:00 | 0.0018                                                        | 0.0024      | 0.0011      | 0.0015      | 0.0010      | 0.0018      | 0.0013      |
| 8.                      | 18:00-19:00 | 0.0018                                                        | 0.0022      | 0.0011      | 0.0012      | 0.0011      | 0.0016      | 0.0015      |
| 9.                      | 19:00-20:00 | 0.0012                                                        | 0.0022      | 0.0013      | 0.0017      | 0.0018      | 0.0015      | 0.0011      |
| 10.                     | 20:00-21:00 | 0.0020                                                        | 0.0020      | 0.0013      | 0.0017      | 0.0020      | 0.0012      | 0.0011      |
| 11.                     | 21:00-22:00 | 0.0011                                                        | 0.0021      | 0.0010      | 0.0027      | 0.0031      | 0.0013      | 0.0018      |
| 12.                     | 22:00-23:00 | 0.0017                                                        | 0.0023      | 0.0010      | 0.0028      | 0.0026      | 0.0015      | 0.0032      |
| 13.                     | 23:00-00:00 | 0.0025                                                        | 0.0031      | 0.0029      | 0.0039      | 0.0044      | 0.0021      | 0.0047      |
| 14.                     | 00:00-01:00 | 0.0035                                                        | 0.0025      | 0.0017      | 0.0024      | 0.0038      | 0.0017      | 0.0044      |
| 15.                     | 01:00-02:00 | 0.0034                                                        | 0.0031      | 0.0031      | 0.0019      | 0.0046      | 0.0018      | 0.0042      |
| 16.                     | 02:00-03:00 | 0.0030                                                        | 0.0031      | 0.0027      | 0.0036      | 0.0054      | 0.0042      | 0.0031      |
| 17.                     | 03:00-04:00 | 0.0030                                                        | 0.0042      | 0.0025      | 0.0037      | 0.0047      | 0.0042      | 0.0029      |
| 18.                     | 04:00-05:00 | 0.0029                                                        | 0.0025      | 0.0041      | 0.0029      | 0.0036      | 0.0028      | 0.0041      |
| 19.                     | 05:00-06:00 | 0.0028                                                        | 0.0044      | 0.0026      | 0.0032      | 0.0047      | 0.0040      | 0.0025      |
| 20.                     | 06:00-07:00 | 0.0037                                                        | 0.0023      | 0.0031      | 0.0030      | 0.0035      | 0.0041      | 0.0031      |
| 21.                     | 07:00-08:00 | 0.0037                                                        | 0.0015      | 0.0040      | 0.0042      | 0.0035      | 0.0028      | 0.0040      |
| 22.                     | 08:00-09:00 | 0.0031                                                        | 0.0023      | 0.0042      | 0.0033      | 0.0039      | 0.0037      | 0.0039      |
| 23.                     | 09:00-10:00 | 0.0008                                                        | 0.0017      | 0.0058      | 0.0031      | 0.0030      | 0.0039      | 0.0042      |
| 24.                     | 10:00-11:00 | 0.0014                                                        | 0.0018      | 0.0047      | 0.0022      | 0.0041      | 0.0025      | 0.0043      |
| Minimum                 |             | 0.0008                                                        | 0.0010      | 0.0009      | 0.0012      | 0.0010      | 0.0012      | 0.0011      |
| Maximum                 |             | 0.0037                                                        | 0.0044      | 0.0058      | 0.0042      | 0.0054      | 0.0042      | 0.0047      |
| Average                 |             | 0.0023                                                        | 0.0023      | 0.0023      | 0.0026      | 0.0031      | 0.0026      | 0.0027      |
| Standard <sup>(1)</sup> |             | 0.30                                                          |             |             |             |             |             |             |

Standard: <sup>(1)</sup> Notification of the National Environment Board No. 12 (1995) (B.E. 2538) and No. 21 (2001) (B.E. 2544)

*Pramual M.*

Pramual Moonsarn



*Wannasiri S.*

Wannasiri Suriyawong

- REPORTED RESULTS REFER TO SUBMITTED SAMPLE(S) ONLY
- DO NOT COPY PARTIAL OF THIS ANALYSIS REPORT WITHOUT OFFICIAL APPROVAL

## TEST REPORT

Customer Name : บริษัท ไทยโตไคคาร์บอนโปรดักท์ จำกัด Report No. : 5024/2025/7-23  
Project : โครงการโรงงานผลิตคาร์บอนแบล็ก Report Date : January 9, 2026  
Address : เลขที่ 888/7 นิคมอุตสาหกรรมหลักชัยเมืองยาง Sampling Date : December 24-31, 2025  
ตำบลสำนักทอง อำเภอเมือง จังหวัดระยอง Type of Sample : Ambient Air  
Job No. : S680590/Dec

| Item                    | Sampling Date | Result                                   |                       |                                                                     |
|-------------------------|---------------|------------------------------------------|-----------------------|---------------------------------------------------------------------|
|                         |               | SO <sub>2</sub> <sup>(24 hr)</sup> (ppm) |                       |                                                                     |
|                         |               | หมู่ที่ 5 บ้านเกษตรศิริ                  | หมู่ที่ 2 บ้านยายจั่น | โรงเรียนไทยรัฐวิทยา ๑๐๘<br>(บ้านสำนักทอง)<br>(โรงเรียนบ้านสำนักทอง) |
| 1.                      | 24-25/12/25   | 0.0026                                   | 0.0032                | 0.0023                                                              |
| 2.                      | 25-26/12/25   | 0.0031                                   | 0.0026                | 0.0023                                                              |
| 3.                      | 26-27/12/25   | 0.0023                                   | 0.0031                | 0.0023                                                              |
| 4.                      | 27-28/12/25   | 0.0018                                   | 0.0033                | 0.0026                                                              |
| 5.                      | 28-29/12/25   | 0.0023                                   | 0.0037                | 0.0031                                                              |
| 6.                      | 29-30/12/25   | 0.0027                                   | 0.0033                | 0.0026                                                              |
| 7.                      | 30-31/12/25   | 0.0021                                   | 0.0027                | 0.0027                                                              |
| Standard <sup>(1)</sup> |               | 0.12                                     |                       |                                                                     |

Standard : <sup>(1)</sup> Notification of the National Environment Board No. 10 (1995) (B.E. 2538) and No. 24 (2004) (B.E. 2547)

Remark : Reference to Notification of Pollution Control Department On other Measuring Instruments and Method for Ambient Gas or Particulates as Approved by Pollution Control Department. (2019) (B.E. 2562)

Pramual M.

Pramual Moonsarn



Wannasiri S.

Wannasiri Suriyawong

- REPORTED RESULTS REFER TO SUBMITTED SAMPLE(S) ONLY
- DO NOT COPY PARTIAL OF THIS ANALYSIS REPORT WITHOUT OFFICIAL APPROVAL

## TEST REPORT

Customer Name : บริษัท ไทยโตไคคาร์บอนโปรดักท์ จำกัด Report No. : 5024/2025/8-23  
Project : โครงการโรงงานผลิตคาร์บอนแบล็ก Report Date : January 9, 2026  
Address : เลขที่ 888/7 นิคมอุตสาหกรรมหลักชัยเมืองยาง Sampling Date : December 24-31, 2025  
ตำบลสำนักทอง อำเภอเมือง จังหวัดระยอง Type of Sample : WS & WD  
Job No. : S680590/Dec

| Item    | Time  | หมู่ที่ 5 บ้านเกษตรศิริ |     |             |     |             |     |             |     |             |     |             |     |             |     |
|---------|-------|-------------------------|-----|-------------|-----|-------------|-----|-------------|-----|-------------|-----|-------------|-----|-------------|-----|
|         |       | 24-25/12/25             |     | 25-26/12/25 |     | 26-27/12/25 |     | 27-28/12/25 |     | 28-29/12/25 |     | 29-30/12/25 |     | 30-31/12/25 |     |
|         |       | WS                      | WD  | WS          | WD  | WS          | WD  | WS          | WD  | WS          | WD  | WS          | WD  | WS          | WD  |
| 1.      | 09.00 | 1.8                     | N   | 0.9         | N   | 0.4         | NNE | 0.4         | N   | 0.4         | NNE | 0.4         | N   | 1.3         | NNE |
| 2.      | 10.00 | 0.9                     | NNE | 0.4         | NNE | 0.4         | N   | 0.9         | N   | 0.9         | N   | 1.3         | N   | 1.3         | NNE |
| 3.      | 11.00 | 0.9                     | N   | 0.4         | N   | 1.3         | N   | 1.3         | NNE | 0.9         | N   | 0.4         | N   | 0.4         | NNE |
| 4.      | 12.00 | 0.4                     | N   | 1.3         | N   | 1.3         | N   | 0.4         | N   | 0.4         | NNE | 1.3         | NNE | 0.9         | NNE |
| 5.      | 13.00 | 0.4                     | N   | 1.3         | N   | 1.3         | N   | 1.8         | NNE | 1.3         | NNE | 0.9         | N   | 0.4         | NNE |
| 6.      | 14.00 | 0.4                     | N   | 0.9         | N   | 1.3         | NNE | 1.3         | N   | 1.3         | NNE | 0.9         | N   | 0.9         | N   |
| 7.      | 15.00 | 0.9                     | NNE | 1.3         | N   | 1.3         | N   | 0.4         | NNE | 1.3         | NNE | 1.3         | N   | 0.4         | NNE |
| 8.      | 16.00 | 0.4                     | NNE | 0.4         | N   | 0.4         | N   | 0.9         | NNE | 1.3         | NNE | 1.3         | N   | 0.4         | N   |
| 9.      | 17.00 | 0.0                     | N   | 0.9         | N   | 1.8         | NNE | 1.3         | NNE | 0.9         | N   | 0.0         | N   | 0.9         | NNE |
| 10.     | 18.00 | 1.3                     | N   | 1.3         | NNE | 0.4         | NNE | 1.8         | N   | 0.4         | NNE | 0.0         | N   | 0.4         | NNE |
| 11.     | 19.00 | 1.3                     | N   | 0.9         | N   | 0.4         | NNE | 0.4         | N   | 1.3         | N   | 1.3         | N   | 1.3         | NNE |
| 12.     | 20.00 | 0.4                     | N   | 1.3         | N   | 0.4         | NNE | 0.9         | NNE | 1.3         | NNE | 1.3         | NNE | 0.9         | N   |
| 13.     | 21.00 | 1.3                     | N   | 0.4         | N   | 1.3         | NNE | 1.3         | NNE | 0.9         | N   | 1.8         | NNE | 0.4         | N   |
| 14.     | 22.00 | 0.9                     | NNE | 1.3         | NNE | 0.9         | N   | 0.4         | N   | 0.9         | N   | 1.3         | N   | 0.9         | NNE |
| 15.     | 23.00 | 0.9                     | N   | 1.3         | N   | 0.4         | NNE | 1.3         | NNE | 0.9         | NNE | 0.4         | NNE | 1.3         | NNE |
| 16.     | 00.00 | 0.4                     | N   | 0.9         | N   | 0.4         | N   | 0.9         | N   | 1.3         | N   | 0.9         | N   | 0.0         | NNE |
| 17.     | 01.00 | 0.9                     | NNE | 0.9         | NNE | 1.8         | N   | 0.9         | N   | 1.3         | NNE | 0.9         | N   | 0.9         | NNE |
| 18.     | 02.00 | 0.9                     | N   | 1.3         | N   | 0.9         | N   | 1.8         | NNE | 1.3         | NNE | 0.4         | NNE | 1.3         | N   |
| 19.     | 03.00 | 1.3                     | N   | 0.9         | NNE | 1.3         | N   | 1.3         | NNE | 0.4         | NNE | 1.3         | NNE | 0.9         | N   |
| 20.     | 04.00 | 0.0                     | N   | 0.0         | N   | 0.4         | N   | 0.4         | NNE | 1.3         | NNE | 1.3         | NNE | 1.3         | N   |
| 21.     | 05.00 | 0.9                     | NNE | 0.4         | NNE | 1.3         | N   | 0.9         | N   | 0.4         | N   | 1.3         | NNE | 1.8         | N   |
| 22.     | 06.00 | 0.4                     | N   | 0.9         | N   | 0.9         | N   | 0.9         | N   | 1.3         | N   | 1.3         | N   | 0.4         | NNE |
| 23.     | 07.00 | 0.9                     | N   | 1.3         | NNE | 1.3         | NNE | 1.3         | NNE | 0.4         | N   | 0.4         | NNE | 0.4         | N   |
| 24.     | 08.00 | 1.3                     | N   | 0.4         | NNE | 1.8         | N   | 1.3         | N   | 1.3         | NNE | 0.4         | N   | 0.4         | NNE |
| Average |       | 0.8                     | -   | 0.9         | -   | 1.0         | -   | 1.0         | -   | 1.0         | -   | 0.9         | -   | 0.8         | -   |

Remark : WS = WIND SPEED (m/s)

WD = WIND DIRECTION

Pramual M.

Pramual Moonsarn



Wannasiri S.

Wannasiri Suriyawong

- REPORTED RESULTS REFER TO SUBMITTED SAMPLE(S) ONLY
- DO NOT COPY PARTIAL OF THIS ANALYSIS REPORT WITHOUT OFFICIAL APPROVAL

TEST REPORT

Customer Name : บริษัท ไทยโตไคคาร์บอนโปรดักท์ จำกัด

Project : โครงการโรงงานผลิตคาร์บอนแบล็ก

Address : เลขที่ 888/7 นิคมอุตสาหกรรมหลักชัยเมืองยาง  
ตำบลสำนักทอง อำเภอเมือง จังหวัดระยอง

Job No. : S680590/Dec

Report No. : 5024/2025/9-23

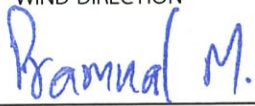
Report Date : January 9, 2026

Sampling Date : December 24-31, 2025

Type of Sample : WS & WD

| Item    | Time  | หมู่ที่ 2 บ้านยายจั่น |     |             |     |             |     |             |     |             |     |             |     |             |     |
|---------|-------|-----------------------|-----|-------------|-----|-------------|-----|-------------|-----|-------------|-----|-------------|-----|-------------|-----|
|         |       | 24-25/12/25           |     | 25-26/12/25 |     | 26-27/12/25 |     | 27-28/12/25 |     | 28-29/12/25 |     | 29-30/12/25 |     | 30-31/12/25 |     |
|         |       | WS                    | WD  | WS          | WD  | WS          | WD  | WS          | WD  | WS          | WD  | WS          | WD  | WS          | WD  |
| 1.      | 10.00 | 0.4                   | N   | 0.4         | NNW | 0.4         | NNE | 0.0         | N   | 0.4         | N   | 1.3         | N   | 0.9         | N   |
| 2.      | 11.00 | 1.3                   | NNW | 1.3         | NNW | 1.8         | NNW | 0.9         | N   | 1.8         | NNW | 0.4         | N   | 1.3         | N   |
| 3.      | 12.00 | 1.3                   | NNW | 0.9         | N   | 1.3         | NNW | 0.0         | N   | 1.3         | NNW | 0.9         | NNW | 0.4         | NNW |
| 4.      | 13.00 | 1.3                   | N   | 1.3         | N   | 0.9         | N   | 0.9         | N   | 0.4         | N   | 0.9         | N   | 0.4         | NNW |
| 5.      | 14.00 | 0.4                   | NNW | 1.3         | N   | 0.4         | N   | 0.9         | NNW | 1.3         | N   | 1.3         | N   | 0.4         | N   |
| 6.      | 15.00 | 0.9                   | N   | 0.9         | N   | 1.3         | N   | 0.0         | N   | 0.4         | N   | 0.4         | N   | 1.3         | NNW |
| 7.      | 16.00 | 1.8                   | NNW | 0.4         | N   | 1.8         | NNE | 0.4         | N   | 1.8         | NNW | 0.9         | N   | 1.3         | NNW |
| 8.      | 17.00 | 0.9                   | N   | 0.4         | N   | 0.9         | N   | 0.9         | N   | 0.9         | N   | 1.3         | N   | 1.8         | NNW |
| 9.      | 18.00 | 0.4                   | NNW | 1.3         | N   | 0.4         | N   | 0.9         | NNW | 1.3         | N   | 0.9         | N   | 0.4         | NNW |
| 10.     | 19.00 | 0.4                   | N   | 0.4         | N   | 0.9         | NNW | 0.4         | N   | 0.9         | N   | 1.8         | NNW | 0.9         | NNW |
| 11.     | 20.00 | 1.3                   | N   | 0.4         | N   | 0.4         | NNW | 0.4         | N   | 0.9         | N   | 0.4         | N   | 1.3         | NNW |
| 12.     | 21.00 | 0.4                   | N   | 0.9         | NNW | 1.8         | NNW | 0.4         | N   | 0.4         | N   | 1.8         | N   | 0.9         | N   |
| 13.     | 22.00 | 0.0                   | NNW | 0.4         | N   | 0.9         | N   | 1.3         | N   | 0.9         | N   | 0.4         | NNW | 0.9         | N   |
| 14.     | 23.00 | 0.4                   | NNW | 0.9         | NNW | 0.9         | NNW | 0.9         | N   | 0.9         | N   | 0.4         | NNW | 0.0         | N   |
| 15.     | 00.00 | 0.9                   | NNW | 0.4         | N   | 0.4         | N   | 1.3         | N   | 0.4         | N   | 1.3         | N   | 0.4         | N   |
| 16.     | 01.00 | 1.3                   | N   | 1.3         | N   | 1.3         | N   | 1.8         | N   | 0.9         | N   | 1.3         | NNW | 0.4         | N   |
| 17.     | 02.00 | 1.3                   | N   | 1.8         | NNW | 0.4         | NNW | 1.3         | NNW | 0.9         | NNW | 0.9         | N   | 1.3         | NNE |
| 18.     | 03.00 | 0.4                   | NNW | 1.8         | NNW | 1.8         | N   | 0.9         | NNW | 1.3         | N   | 1.3         | N   | 0.9         | N   |
| 19.     | 04.00 | 0.4                   | NNW | 0.4         | N   | 0.9         | NNW | 1.3         | N   | 1.3         | NNW | 0.4         | N   | 0.9         | NNW |
| 20.     | 05.00 | 1.3                   | N   | 0.4         | N   | 0.4         | N   | 0.4         | N   | 0.4         | N   | 1.3         | NNW | 1.3         | NNW |
| 21.     | 06.00 | 0.4                   | NNE | 1.8         | N   | 1.8         | N   | 0.4         | NNW | 0.9         | N   | 0.4         | NNW | 0.9         | N   |
| 22.     | 07.00 | 1.3                   | N   | 0.4         | NNW | 0.4         | N   | 1.8         | NNW | 0.9         | N   | 0.4         | N   | 0.9         | N   |
| 23.     | 08.00 | 1.3                   | N   | 0.9         | NNW | 1.3         | N   | 0.9         | N   | 0.9         | NNW | 1.3         | N   | 0.4         | N   |
| 24.     | 09.00 | 1.3                   | N   | 0.9         | N   | 0.4         | N   | 0.9         | N   | 0.9         | NNW | 0.4         | N   | 1.3         | N   |
| Average |       | 0.9                   | -   | 0.9         | -   | 1.0         | -   | 0.8         | -   | 0.9         | -   | 0.9         | -   | 0.9         | -   |

Remark : WS = WIND SPEED (m/s)  
WD = WIND DIRECTION

  
Pramual Moonsarn



  
Wannasiri Suriyawong

- REPORTED RESULTS REFER TO SUBMITTED SAMPLE(S) ONLY
- DO NOT COPY PARTIAL OF THIS ANALYSIS REPORT WITHOUT OFFICIAL APPROVAL

## TEST REPORT

Customer Name : บริษัท ไทยโตไคคาร์บอนโปรดักท์ จำกัด Report No. : 5024/2025/10-23  
 Project : โครงการโรงงานผลิตคาร์บอนแบล็ก Report Date : January 9, 2026  
 Address : เลขที่ 888/7 นิคมอุตสาหกรรมหลักชัยเมืองยาง Sampling Date : December 24-31, 2025  
 ตำบลสำนักทอง อำเภอเมือง จังหวัดระยอง Type of Sample : WS & WD  
 Job No. : S680590/Dec

| Item    | Time  | โรงเรียนไทยรัฐวิทยา ๑๐๘ (บ้านสำนักทอง) (โรงเรียนบ้านสำนักทอง) |     |             |     |             |     |             |     |             |     |             |     |             |     |
|---------|-------|---------------------------------------------------------------|-----|-------------|-----|-------------|-----|-------------|-----|-------------|-----|-------------|-----|-------------|-----|
|         |       | 24-25/12/25                                                   |     | 25-26/12/25 |     | 26-27/12/25 |     | 27-28/12/25 |     | 28-29/12/25 |     | 29-30/12/25 |     | 30-31/12/25 |     |
|         |       | WS                                                            | WD  | WS          | WD  | WS          | WD  | WS          | WD  | WS          | WD  | WS          | WD  | WS          | WD  |
| 1.      | 11.00 | 1.8                                                           | ESE | 0.9         | NNE | 0.9         | ENE | 1.3         | E   | 0.9         | ENE | 1.3         | NE  | 0.4         | ENE |
| 2.      | 12.00 | 0.4                                                           | E   | 1.8         | ENE | 0.9         | NE  | 0.9         | ESE | 1.3         | N   | 0.9         | NE  | 0.9         | E   |
| 3.      | 13.00 | 0.4                                                           | ESE | 0.4         | NE  | 0.4         | NE  | 1.3         | ENE | 0.4         | N   | 0.9         | N   | 1.3         | NNE |
| 4.      | 14.00 | 1.3                                                           | ENE | 0.4         | NE  | 0.9         | NE  | 0.4         | E   | 0.9         | NNE | 1.3         | NE  | 0.4         | E   |
| 5.      | 15.00 | 1.3                                                           | NNE | 0.9         | ENE | 1.3         | ENE | 1.3         | ENE | 0.9         | E   | 0.4         | ENE | 0.9         | NNE |
| 6.      | 16.00 | 0.9                                                           | E   | 0.9         | E   | 1.8         | E   | 0.9         | ENE | 1.3         | ENE | 1.3         | E   | 1.3         | NNE |
| 7.      | 17.00 | 0.4                                                           | ESE | 0.9         | NNE | 1.3         | NNE | 1.3         | E   | 1.3         | ENE | 0.9         | ENE | 0.4         | NE  |
| 8.      | 18.00 | 0.9                                                           | ENE | 0.4         | NNE | 0.4         | E   | 0.4         | NNE | 1.3         | NE  | 0.4         | NE  | 0.9         | ENE |
| 9.      | 19.00 | 0.4                                                           | E   | 0.9         | NE  | 0.4         | E   | 0.9         | NE  | 0.4         | E   | 0.9         | E   | 0.9         | NNE |
| 10.     | 20.00 | 0.9                                                           | ESE | 1.3         | NNE | 1.3         | NNE | 1.3         | E   | 0.4         | ENE | 0.9         | E   | 1.3         | E   |
| 11.     | 21.00 | 0.9                                                           | ENE | 1.3         | E   | 1.3         | ENE | 0.4         | NNE | 0.9         | E   | 0.4         | ENE | 0.9         | E   |
| 12.     | 22.00 | 0.9                                                           | NE  | 0.9         | NE  | 1.3         | ESE | 0.9         | NNE | 0.4         | E   | 1.8         | NNE | 0.9         | NE  |
| 13.     | 23.00 | 1.3                                                           | E   | 1.3         | E   | 1.3         | ENE | 0.9         | NE  | 0.4         | NNE | 0.4         | ENE | 1.8         | NE  |
| 14.     | 00.00 | 0.9                                                           | ESE | 0.9         | E   | 0.4         | E   | 1.3         | ENE | 1.3         | NNE | 0.4         | NE  | 1.3         | NNE |
| 15.     | 01.00 | 0.9                                                           | NNE | 1.3         | NNE | 0.4         | E   | 0.4         | E   | 0.4         | ENE | 1.3         | NE  | 0.9         | ESE |
| 16.     | 02.00 | 0.9                                                           | NE  | 0.4         | NE  | 1.3         | ESE | 0.4         | NE  | 1.3         | ENE | 1.3         | NNE | 0.4         | NE  |
| 17.     | 03.00 | 1.3                                                           | NE  | 1.3         | ENE | 0.4         | NE  | 1.3         | E   | 0.9         | NNE | 1.3         | ENE | 1.3         | ENE |
| 18.     | 04.00 | 0.9                                                           | NE  | 1.8         | NE  | 1.8         | ESE | 0.9         | E   | 1.8         | ESE | 1.3         | E   | 0.4         | E   |
| 19.     | 05.00 | 1.3                                                           | NE  | 0.9         | NNE | 1.3         | NNE | 0.4         | E   | 0.4         | E   | 0.9         | ENE | 0.9         | NNE |
| 20.     | 06.00 | 0.9                                                           | E   | 1.3         | ENE | 1.3         | E   | 1.8         | NNE | 0.9         | NNE | 1.3         | E   | 0.4         | E   |
| 21.     | 07.00 | 0.9                                                           | E   | 1.3         | ENE | 0.4         | ENE | 1.3         | NE  | 0.9         | NNE | 1.3         | NNE | 1.8         | E   |
| 22.     | 08.00 | 0.4                                                           | NNE | 1.3         | ENE | 0.4         | E   | 1.8         | NNE | 0.9         | NE  | 0.4         | ENE | 0.4         | NNE |
| 23.     | 09.00 | 0.9                                                           | E   | 0.4         | ESE | 0.9         | E   | 1.3         | NE  | 0.4         | ENE | 1.3         | NNE | 0.0         | ENE |
| 24.     | 10.00 | 0.9                                                           | ENE | 1.8         | NE  | 0.9         | N   | 1.3         | ENE | 1.3         | NE  | 0.9         | ENE | 1.3         | NE  |
| Average |       | 0.9                                                           | -   | 1.0         | -   | 1.0         | -   | 1.0         | -   | 0.9         | -   | 1.0         | -   | 0.9         | -   |

Remark : WS = WIND SPEED (m/s)

WD = WIND DIRECTION

Pramual M.

Pramual Moonsarn



Wannasiri S.

Wannasiri Suriyawong

- REPORTED RESULTS REFER TO SUBMITTED SAMPLE(S) ONLY
- DO NOT COPY PARTIAL OF THIS ANALYSIS REPORT WITHOUT OFFICIAL APPROVAL

## TEST REPORT

Customer Name : บริษัท ไทยโตไคคาร์บอนโปรดักท์ จำกัด Report No. : 5024/2025/11-23  
 Project : โครงการโรงงานผลิตคาร์บอนแบล็ก Report Date : January 9, 2026  
 Address : เลขที่ 888/7 นิคมอุตสาหกรรมหลักชัยเมืองยาง Sampling Date : December 24-31, 2025  
 ตำบลสำนักทอง อำเภอเมือง จังหวัดระยอง Type of Sample : Sound Level  
 Job No. : S680590/Dec

| Item                       | Time        | Result (dB (A))            |      |                 |             |      |                 |             |      |                 |             |      |                 |
|----------------------------|-------------|----------------------------|------|-----------------|-------------|------|-----------------|-------------|------|-----------------|-------------|------|-----------------|
|                            |             | วิธีวัดโครงการด้านทิศเหนือ |      |                 |             |      |                 |             |      |                 |             |      |                 |
|                            |             | 24-25/12/25                |      |                 | 25-26/12/25 |      |                 | 26-27/12/25 |      |                 | 27-28/12/25 |      |                 |
|                            |             | Leq                        | Lmax | L <sub>90</sub> | Leq         | Lmax | L <sub>90</sub> | Leq         | Lmax | L <sub>90</sub> | Leq         | Lmax | L <sub>90</sub> |
| 1.                         | 09:00-10:00 | 62.0                       | 76.8 | 42.8            | 65.5        | 80.6 | 56.8            | 49.8        | 57.2 | 46.5            | 54.5        | 62.5 | 53.0            |
| 2.                         | 10:00-11:00 | 52.1                       | 69.6 | 41.9            | 58.9        | 74.7 | 47.2            | 51.6        | 61.3 | 50.1            | 55.3        | 63.8 | 54.5            |
| 3.                         | 11:00-12:00 | 48.1                       | 64.2 | 42.0            | 54.2        | 73.1 | 43.9            | 51.7        | 60.8 | 49.7            | 54.6        | 64.2 | 53.6            |
| 4.                         | 12:00-13:00 | 52.3                       | 66.1 | 42.9            | 55.0        | 66.7 | 47.2            | 51.7        | 65.2 | 50.0            | 53.8        | 64.8 | 53.0            |
| 5.                         | 13:00-14:00 | 49.7                       | 60.4 | 42.0            | 53.6        | 67.8 | 50.4            | 51.4        | 68.3 | 49.8            | 53.9        | 59.5 | 52.9            |
| 6.                         | 14:00-15:00 | 54.0                       | 69.5 | 42.5            | 49.4        | 63.0 | 45.7            | 51.5        | 63.4 | 49.9            | 54.5        | 69.5 | 53.6            |
| 7.                         | 15:00-16:00 | 56.8                       | 77.4 | 44.8            | 46.8        | 68.1 | 44.1            | 50.9        | 64.6 | 49.2            | 53.9        | 63.3 | 52.8            |
| 8.                         | 16:00-17:00 | 62.1                       | 84.0 | 41.9            | 46.8        | 62.4 | 43.2            | 49.8        | 66.6 | 47.8            | 54.2        | 59.6 | 53.0            |
| 9.                         | 17:00-18:00 | 50.0                       | 64.0 | 44.0            | 51.8        | 69.9 | 43.9            | 49.3        | 65.3 | 46.6            | 55.3        | 64.8 | 54.4            |
| 10.                        | 18:00-19:00 | 54.0                       | 75.8 | 46.0            | 54.8        | 60.9 | 53.0            | 48.7        | 59.3 | 45.9            | 56.9        | 82.2 | 54.8            |
| 11.                        | 19:00-20:00 | 56.6                       | 77.9 | 46.2            | 55.4        | 63.4 | 54.0            | 50.1        | 63.0 | 46.4            | 57.4        | 79.8 | 56.0            |
| 12.                        | 20:00-21:00 | 57.7                       | 77.5 | 42.0            | 52.9        | 61.4 | 50.8            | 48.5        | 59.9 | 46.8            | 56.1        | 66.8 | 54.5            |
| 13.                        | 21:00-22:00 | 63.8                       | 85.8 | 39.0            | 50.7        | 69.6 | 45.8            | 53.8        | 82.8 | 47.7            | 55.0        | 68.0 | 53.8            |
| 14.                        | 22:00-23:00 | 43.8                       | 60.9 | 37.7            | 48.6        | 70.2 | 44.6            | 57.4        | 81.2 | 47.1            | 56.0        | 64.2 | 54.6            |
| 15.                        | 23:00-00:00 | 42.5                       | 59.2 | 36.7            | 45.2        | 59.2 | 43.0            | 52.2        | 62.0 | 49.5            | 57.8        | 65.2 | 56.9            |
| 16.                        | 00:00-01:00 | 50.4                       | 66.7 | 41.4            | 45.9        | 63.0 | 42.0            | 55.7        | 67.4 | 54.2            | 58.8        | 65.3 | 57.6            |
| 17.                        | 01:00-02:00 | 47.7                       | 59.6 | 43.8            | 45.8        | 62.3 | 42.6            | 58.4        | 85.7 | 55.6            | 58.6        | 68.0 | 57.5            |
| 18.                        | 02:00-03:00 | 51.1                       | 73.3 | 46.4            | 45.2        | 59.5 | 41.7            | 56.0        | 65.1 | 54.7            | 58.1        | 65.1 | 57.1            |
| 19.                        | 03:00-04:00 | 50.5                       | 62.0 | 46.6            | 46.7        | 60.8 | 41.1            | 55.0        | 63.5 | 53.8            | 57.6        | 65.2 | 56.4            |
| 20.                        | 04:00-05:00 | 51.1                       | 65.5 | 46.9            | 45.6        | 59.1 | 41.6            | 55.9        | 65.0 | 54.1            | 56.4        | 66.6 | 55.1            |
| 21.                        | 05:00-06:00 | 55.9                       | 75.1 | 46.2            | 44.7        | 59.4 | 41.4            | 57.4        | 71.6 | 56.1            | 56.3        | 64.9 | 54.8            |
| 22.                        | 06:00-07:00 | 47.8                       | 63.4 | 44.4            | 46.7        | 57.9 | 43.1            | 55.2        | 65.8 | 53.7            | 55.8        | 63.6 | 54.5            |
| 23.                        | 07:00-08:00 | 50.9                       | 67.6 | 42.9            | 46.6        | 59.4 | 43.9            | 53.6        | 63.0 | 52.5            | 59.9        | 83.9 | 53.0            |
| 24.                        | 08:00-09:00 | 64.4                       | 73.2 | 54.0            | 49.0        | 69.1 | 45.0            | 53.4        | 66.1 | 52.3            | 56.6        | 67.8 | 55.2            |
| Leq 24 hr                  |             | 57.0                       | -    | -               | 54.6        | -    | -               | 53.8        | -    | -               | 56.5        | -    | -               |
| Lmax                       |             | -                          | 85.8 | -               | -           | 80.6 | -               | -           | 85.7 | -               | -           | 83.9 | -               |
| Standard <sup>(1)(2)</sup> |             | 70                         | 115  | -               | 70          | 115  | -               | 70          | 115  | -               | 70          | 115  | -               |
| Ldn                        |             | 59.5                       | -    | -               | 56.3        | -    | -               | 62.2        | -    | -               | 63.6        | -    | -               |

Standard : <sup>(1)</sup> Notification of the National Environment Board No. 15 (1997) (B.E. 2540)<sup>(2)</sup> Notification of the Ministry of Industry (2005) (B.E. 2548)

Pramual M.

Pramual Moonsarn



Wannasiri S.

Wannasiri Suriyawong

- REPORTED RESULTS REFER TO SUBMITTED SAMPLE(S) ONLY
- DO NOT COPY PARTIAL OF THIS ANALYSIS REPORT WITHOUT OFFICIAL APPROVAL

## TEST REPORT

Customer Name : บริษัท ไทยโตไคคาร์บอนโปรดักท์ จำกัด Report No. : 5024/2025/12-23  
Project : โครงการโรงงานผลิตคาร์บอนแบล็ก Report Date : January 9, 2026  
Address : เลขที่ 888/7 นิคมอุตสาหกรรมหลักชัยเมืองยาง Sampling Date : December 24-31, 2025  
ตำบลสำนักทอง อำเภอเมือง จังหวัดระยอง Type of Sample : Sound Level  
Job No. : S680590/Dec

| Item                       | Time        | Result (dB (A))            |      |                 |             |      |                 |             |      |                 |
|----------------------------|-------------|----------------------------|------|-----------------|-------------|------|-----------------|-------------|------|-----------------|
|                            |             | วิธีวัดโครงการด้านทิศเหนือ |      |                 |             |      |                 |             |      |                 |
|                            |             | 28-29/12/25                |      |                 | 29-30/12/25 |      |                 | 30-31/12/25 |      |                 |
|                            |             | Leq                        | Lmax | L <sub>90</sub> | Leq         | Lmax | L <sub>90</sub> | Leq         | Lmax | L <sub>90</sub> |
| 1.                         | 09:00-10:00 | 57.2                       | 68.7 | 55.8            | 52.3        | 60.3 | 50.5            | 52.7        | 56.2 | 51.0            |
| 2.                         | 10:00-11:00 | 55.8                       | 65.3 | 54.8            | 51.7        | 53.6 | 50.7            | 53.3        | 55.1 | 51.5            |
| 3.                         | 11:00-12:00 | 56.1                       | 65.1 | 54.8            | 51.9        | 57.8 | 50.7            | 53.2        | 55.9 | 51.5            |
| 4.                         | 12:00-13:00 | 55.3                       | 68.6 | 54.3            | 52.9        | 62.7 | 51.1            | 54.5        | 62.5 | 51.8            |
| 5.                         | 13:00-14:00 | 55.0                       | 70.3 | 54.1            | 52.3        | 58.3 | 51.3            | 53.3        | 56.2 | 51.6            |
| 6.                         | 14:00-15:00 | 56.0                       | 63.6 | 54.0            | 52.4        | 59.0 | 51.2            | 52.8        | 55.3 | 51.7            |
| 7.                         | 15:00-16:00 | 53.7                       | 61.6 | 51.7            | 52.7        | 61.7 | 51.5            | 53.4        | 56.9 | 51.7            |
| 8.                         | 16:00-17:00 | 52.2                       | 74.1 | 50.3            | 52.4        | 54.7 | 51.4            | 54.2        | 63.4 | 52.1            |
| 9.                         | 17:00-18:00 | 51.9                       | 66.7 | 50.2            | 52.8        | 57.8 | 51.4            | 56.6        | 71.4 | 51.4            |
| 10.                        | 18:00-19:00 | 52.9                       | 67.8 | 49.7            | 52.2        | 54.1 | 51.0            | 53.6        | 60.0 | 51.7            |
| 11.                        | 19:00-20:00 | 54.8                       | 70.3 | 49.9            | 53.4        | 64.8 | 51.9            | 55.0        | 63.0 | 51.9            |
| 12.                        | 20:00-21:00 | 51.5                       | 64.7 | 50.3            | 59.3        | 89.7 | 52.2            | 53.9        | 56.2 | 52.0            |
| 13.                        | 21:00-22:00 | 51.4                       | 58.6 | 50.3            | 53.2        | 56.0 | 52.2            | 53.6        | 56.0 | 51.7            |
| 14.                        | 22:00-23:00 | 52.6                       | 61.8 | 50.5            | 52.9        | 57.0 | 51.9            | 53.7        | 55.4 | 51.6            |
| 15.                        | 23:00-00:00 | 52.7                       | 64.3 | 51.7            | 52.4        | 54.5 | 51.5            | 53.7        | 63.0 | 50.9            |
| 16.                        | 00:00-01:00 | 52.9                       | 62.4 | 51.9            | 53.4        | 59.8 | 51.9            | 54.2        | 65.7 | 51.2            |
| 17.                        | 01:00-02:00 | 53.4                       | 65.8 | 52.0            | 52.7        | 60.5 | 51.9            | 56.2        | 69.3 | 52.5            |
| 18.                        | 02:00-03:00 | 53.6                       | 60.1 | 52.1            | 52.6        | 54.5 | 51.9            | 54.3        | 70.1 | 51.7            |
| 19.                        | 03:00-04:00 | 52.6                       | 60.6 | 51.4            | 52.9        | 56.7 | 52.2            | 54.8        | 60.1 | 52.6            |
| 20.                        | 04:00-05:00 | 53.0                       | 59.6 | 51.7            | 52.9        | 54.8 | 52.1            | 54.8        | 57.9 | 52.8            |
| 21.                        | 05:00-06:00 | 53.1                       | 57.0 | 51.7            | 53.3        | 59.3 | 52.2            | 54.5        | 58.1 | 52.2            |
| 22.                        | 06:00-07:00 | 54.2                       | 66.6 | 52.2            | 53.1        | 59.0 | 52.0            | 55.8        | 65.0 | 53.1            |
| 23.                        | 07:00-08:00 | 52.9                       | 61.5 | 51.5            | 52.1        | 54.6 | 51.0            | 55.8        | 60.1 | 53.6            |
| 24.                        | 08:00-09:00 | 52.2                       | 61.5 | 50.8            | 52.0        | 54.4 | 50.7            | 54.9        | 66.9 | 52.7            |
| Leq 24 hr                  |             | 53.9                       | -    | -               | 53.3        | -    | -               | 54.4        | -    | -               |
| Lmax                       |             | -                          | 74.1 | -               | -           | 89.7 | -               | -           | 71.4 | -               |
| Standard <sup>(1)(2)</sup> |             | 70                         | 115  | -               | 70          | 115  | -               | 70          | 115  | -               |
| Ldn                        |             | 59.7                       | -    | -               | 59.4        | -    | -               | 61.1        | -    | -               |

Standard : <sup>(1)</sup> Notification of the National Environment Board No. 15 (1997) (B.E. 2540)<sup>(2)</sup> Notification of the Ministry of Industry (2005) (B.E. 2548)Pramual M.  
Pramual MoonsarnWannasiri S.  
Wannasiri Suriyawong

- REPORTED RESULTS REFER TO SUBMITTED SAMPLE(S) ONLY
- DO NOT COPY PARTIAL OF THIS ANALYSIS REPORT WITHOUT OFFICIAL APPROVAL

## TEST REPORT

Customer Name : บริษัท ไทยโตไคคาร์บอนโปรดักท์ จำกัด Report No. : 5024/2025/13-23  
Project : โครงการโรงงานผลิตคาร์บอนแบล็ก Report Date : January 9, 2026  
Address : เลขที่ 888/7 นิคมอุตสาหกรรมหลักชัยเมืองยาง Sampling Date : December 24-31, 2025  
ตำบลสำนักทอง อำเภอเมือง จังหวัดระยอง Type of Sample : Sound Level  
Job No. : S680590/Dec

| Item                       | Time        | Result (dB (A))          |      |                 |             |      |                 |             |      |                 |             |      |                 |
|----------------------------|-------------|--------------------------|------|-----------------|-------------|------|-----------------|-------------|------|-----------------|-------------|------|-----------------|
|                            |             | ริมรั้วโครงการด้านทิศใต้ |      |                 |             |      |                 |             |      |                 |             |      |                 |
|                            |             | 24-25/12/25              |      |                 | 25-26/12/25 |      |                 | 26-27/12/25 |      |                 | 27-28/12/25 |      |                 |
|                            |             | Leq                      | Lmax | L <sub>90</sub> | Leq         | Lmax | L <sub>90</sub> | Leq         | Lmax | L <sub>90</sub> | Leq         | Lmax | L <sub>90</sub> |
| 1.                         | 09:00-10:00 | 54.9                     | 57.9 | 52.1            | 57.4        | 75.3 | 51.0            | 57.6        | 72.0 | 48.5            | 50.8        | 64.5 | 43.0            |
| 2.                         | 10:00-11:00 | 55.3                     | 58.6 | 52.5            | 60.7        | 78.5 | 52.1            | 60.4        | 74.1 | 50.9            | 49.4        | 61.6 | 42.0            |
| 3.                         | 11:00-12:00 | 57.7                     | 72.6 | 53.2            | 61.4        | 79.7 | 51.5            | 63.2        | 78.8 | 52.4            | 55.7        | 68.7 | 41.9            |
| 4.                         | 12:00-13:00 | 55.5                     | 58.3 | 53.4            | 61.0        | 79.3 | 50.4            | 59.8        | 80.3 | 50.4            | 45.6        | 58.2 | 40.9            |
| 5.                         | 13:00-14:00 | 56.5                     | 69.7 | 53.3            | 58.7        | 78.6 | 49.9            | 57.8        | 76.1 | 51.8            | 46.8        | 59.6 | 38.2            |
| 6.                         | 14:00-15:00 | 60.1                     | 76.1 | 53.4            | 60.5        | 77.4 | 50.1            | 55.9        | 67.4 | 50.4            | 45.0        | 62.0 | 39.9            |
| 7.                         | 15:00-16:00 | 58.9                     | 74.8 | 53.7            | 59.7        | 77.5 | 51.4            | 54.2        | 67.8 | 48.3            | 45.9        | 59.5 | 39.6            |
| 8.                         | 16:00-17:00 | 54.8                     | 69.3 | 52.8            | 57.1        | 77.9 | 49.6            | 60.2        | 79.8 | 46.7            | 47.7        | 65.8 | 38.7            |
| 9.                         | 17:00-18:00 | 55.2                     | 58.1 | 52.9            | 53.7        | 69.0 | 47.7            | 56.4        | 73.8 | 47.5            | 49.8        | 68.0 | 38.8            |
| 10.                        | 18:00-19:00 | 53.6                     | 57.7 | 48.9            | 54.8        | 68.6 | 49.6            | 51.0        | 69.7 | 47.1            | 52.9        | 67.2 | 40.5            |
| 11.                        | 19:00-20:00 | 57.7                     | 69.9 | 51.1            | 55.1        | 71.6 | 48.7            | 53.1        | 71.5 | 47.5            | 50.4        | 70.2 | 38.1            |
| 12.                        | 20:00-21:00 | 56.2                     | 69.6 | 51.9            | 57.3        | 71.6 | 50.5            | 51.0        | 64.1 | 45.4            | 45.9        | 64.4 | 38.1            |
| 13.                        | 21:00-22:00 | 56.0                     | 69.7 | 52.5            | 55.9        | 72.9 | 47.5            | 50.8        | 67.4 | 44.5            | 47.1        | 64.8 | 38.3            |
| 14.                        | 22:00-23:00 | 55.2                     | 58.5 | 52.9            | 51.4        | 65.0 | 46.9            | 49.4        | 67.3 | 43.2            | 47.7        | 63.1 | 39.2            |
| 15.                        | 23:00-00:00 | 60.7                     | 77.5 | 54.6            | 51.7        | 71.7 | 45.6            | 47.6        | 61.2 | 42.7            | 57.5        | 75.9 | 41.1            |
| 16.                        | 00:00-01:00 | 59.2                     | 77.0 | 54.6            | 52.0        | 63.7 | 46.4            | 47.5        | 67.0 | 41.9            | 54.6        | 75.1 | 41.1            |
| 17.                        | 01:00-02:00 | 60.6                     | 77.4 | 55.1            | 61.3        | 80.7 | 45.9            | 50.9        | 80.2 | 41.1            | 50.6        | 65.8 | 44.7            |
| 18.                        | 02:00-03:00 | 56.9                     | 73.1 | 54.7            | 62.2        | 84.0 | 47.7            | 53.4        | 77.4 | 43.2            | 50.4        | 61.3 | 45.7            |
| 19.                        | 03:00-04:00 | 56.2                     | 61.0 | 54.0            | 56.5        | 71.2 | 48.6            | 54.2        | 78.0 | 43.2            | 47.3        | 61.3 | 40.2            |
| 20.                        | 04:00-05:00 | 57.3                     | 59.8 | 54.6            | 56.5        | 73.8 | 48.7            | 50.3        | 77.4 | 40.3            | 42.0        | 55.9 | 38.0            |
| 21.                        | 05:00-06:00 | 57.7                     | 59.9 | 55.0            | 54.4        | 70.2 | 45.5            | 45.9        | 68.4 | 39.7            | 48.7        | 61.3 | 39.2            |
| 22.                        | 06:00-07:00 | 62.3                     | 76.8 | 55.2            | 52.4        | 69.8 | 46.9            | 51.2        | 78.8 | 40.5            | 52.2        | 58.7 | 50.1            |
| 23.                        | 07:00-08:00 | 60.3                     | 76.5 | 55.0            | 53.6        | 70.5 | 46.2            | 51.2        | 78.7 | 39.7            | 52.4        | 64.9 | 48.7            |
| 24.                        | 08:00-09:00 | 57.2                     | 71.3 | 54.2            | 50.7        | 66.7 | 46.9            | 50.9        | 69.0 | 42.4            | 52.1        | 64.5 | 49.0            |
| Leq 24 hr                  |             | 57.9                     | -    | -               | 57.8        | -    | -               | 55.9        | -    | -               | 51.1        | -    | -               |
| Lmax                       |             | -                        | 77.5 | -               | -           | 84.0 | -               | -           | 80.3 | -               | -           | 75.9 | -               |
| Standard <sup>(1)(2)</sup> |             | 70                       | 115  | -               | 70          | 115  | -               | 70          | 115  | -               | 70          | 115  | -               |
| Ldn                        |             | 65.2                     | -    | -               | 63.8        | -    | -               | 59.0        | -    | -               | 58.3        | -    | -               |

Standard : <sup>(1)</sup> Notification of the National Environment Board No. 15 (1997) (B.E. 2540)

<sup>(2)</sup> Notification of the Ministry of Industry (2005) (B.E. 2548)

Pramual Moonsarn

Wannasiri Suriyawong



- REPORTED RESULTS REFER TO SUBMITTED SAMPLE(S) ONLY
- DO NOT COPY PARTIAL OF THIS ANALYSIS REPORT WITHOUT OFFICIAL APPROVAL

## TEST REPORT

Customer Name : บริษัท ไทยโตไคคาร์บอนโปรดักท์ จำกัด Report No. : 5024/2025/14-23  
Project : โครงการโรงงานผลิตคาร์บอนแบล็ก Report Date : January 9, 2026  
Address : เลขที่ 888/7 นิคมอุตสาหกรรมหลักชัยเมืองยาง Sampling Date : December 24-31, 2025  
ตำบลสำนักทอง อำเภอเมือง จังหวัดระยอง Type of Sample : Sound Level  
Job No. : S680590/Dec

| Item                       | Time        | Result (dB (A))          |      |                 |             |      |                 |             |      |                 |
|----------------------------|-------------|--------------------------|------|-----------------|-------------|------|-----------------|-------------|------|-----------------|
|                            |             | วิธีวัดโครงการด้านทิศใต้ |      |                 |             |      |                 |             |      |                 |
|                            |             | 28-29/12/25              |      |                 | 29-30/12/25 |      |                 | 30-31/12/25 |      |                 |
|                            |             | Leq                      | Lmax | L <sub>90</sub> | Leq         | Lmax | L <sub>90</sub> | Leq         | Lmax | L <sub>90</sub> |
| 1.                         | 09:00-10:00 | 52.2                     | 72.6 | 47.8            | 43.9        | 62.8 | 36.5            | 42.3        | 56.5 | 38.7            |
| 2.                         | 10:00-11:00 | 48.1                     | 60.8 | 42.5            | 44.8        | 61.9 | 37.5            | 45.1        | 63.0 | 39.7            |
| 3.                         | 11:00-12:00 | 45.2                     | 61.3 | 38.0            | 46.1        | 66.9 | 38.1            | 42.7        | 61.5 | 39.0            |
| 4.                         | 12:00-13:00 | 58.9                     | 83.8 | 39.4            | 60.0        | 77.2 | 37.8            | 46.8        | 64.9 | 40.6            |
| 5.                         | 13:00-14:00 | 44.3                     | 61.8 | 36.5            | 54.3        | 75.5 | 38.6            | 45.6        | 72.7 | 39.1            |
| 6.                         | 14:00-15:00 | 45.8                     | 72.5 | 36.8            | 44.0        | 59.1 | 38.3            | 43.1        | 63.1 | 38.9            |
| 7.                         | 15:00-16:00 | 48.3                     | 71.8 | 38.2            | 42.2        | 57.1 | 36.6            | 57.7        | 77.5 | 39.2            |
| 8.                         | 16:00-17:00 | 42.0                     | 61.3 | 37.6            | 44.1        | 60.9 | 36.6            | 43.8        | 56.1 | 39.0            |
| 9.                         | 17:00-18:00 | 41.5                     | 62.6 | 36.5            | 45.2        | 61.3 | 37.7            | 43.1        | 52.7 | 39.9            |
| 10.                        | 18:00-19:00 | 44.8                     | 60.4 | 36.8            | 46.4        | 66.2 | 39.7            | 43.7        | 55.3 | 39.0            |
| 11.                        | 19:00-20:00 | 41.3                     | 59.5 | 37.4            | 53.5        | 74.5 | 40.7            | 44.9        | 64.2 | 40.0            |
| 12.                        | 20:00-21:00 | 43.0                     | 55.7 | 38.5            | 44.7        | 66.5 | 37.8            | 45.0        | 61.1 | 40.3            |
| 13.                        | 21:00-22:00 | 50.5                     | 65.4 | 42.5            | 57.0        | 80.7 | 37.3            | 43.4        | 58.3 | 39.5            |
| 14.                        | 22:00-23:00 | 53.1                     | 63.2 | 50.6            | 43.8        | 61.1 | 36.5            | 43.3        | 59.0 | 40.3            |
| 15.                        | 23:00-00:00 | 53.5                     | 64.1 | 50.4            | 39.9        | 54.7 | 36.5            | 43.9        | 63.6 | 40.3            |
| 16.                        | 00:00-01:00 | 51.6                     | 62.0 | 48.6            | 42.8        | 58.1 | 38.4            | 44.6        | 59.6 | 40.7            |
| 17.                        | 01:00-02:00 | 51.4                     | 59.4 | 48.9            | 44.5        | 60.0 | 40.4            | 46.6        | 63.9 | 42.3            |
| 18.                        | 02:00-03:00 | 52.7                     | 66.0 | 49.5            | 48.7        | 70.5 | 41.1            | 43.6        | 61.2 | 41.0            |
| 19.                        | 03:00-04:00 | 52.2                     | 62.2 | 48.8            | 47.0        | 63.8 | 40.9            | 42.6        | 53.9 | 40.7            |
| 20.                        | 04:00-05:00 | 52.6                     | 65.3 | 48.1            | 45.2        | 61.7 | 40.9            | 45.1        | 56.8 | 42.2            |
| 21.                        | 05:00-06:00 | 50.1                     | 64.1 | 44.9            | 44.8        | 67.4 | 40.3            | 47.2        | 63.3 | 42.1            |
| 22.                        | 06:00-07:00 | 55.0                     | 70.8 | 46.7            | 43.5        | 63.3 | 40.0            | 47.6        | 57.2 | 43.0            |
| 23.                        | 07:00-08:00 | 52.3                     | 67.3 | 45.5            | 54.4        | 75.2 | 39.0            | 51.0        | 60.6 | 44.8            |
| 24.                        | 08:00-09:00 | 47.3                     | 63.1 | 37.4            | 58.6        | 78.2 | 39.2            | 52.4        | 61.9 | 46.5            |
| Leq 24 hr                  |             | 51.3                     | -    | -               | 51.7        | -    | -               | 48.0        | -    | -               |
| Lmax                       |             | -                        | 83.8 | -               | -           | 80.7 | -               | -           | 77.5 | -               |
| Standard <sup>(1)(2)</sup> |             | 70                       | 115  | -               | 70          | 115  | -               | 70          | 115  | -               |
| Ldn                        |             | 58.8                     | -    | -               | 54.1        | -    | -               | 52.5        | -    | -               |

Standard : <sup>(1)</sup> Notification of the National Environment Board No. 15 (1997) (B.E. 2540)

<sup>(2)</sup> Notification of the Ministry of Industry (2005) (B.E. 2548)

*Pramual M.*

Pramual Moonsarn



*Wannasiri S.*

Wannasiri Suriyawong

- REPORTED RESULTS REFER TO SUBMITTED SAMPLE(S) ONLY
- DO NOT COPY PARTIAL OF THIS ANALYSIS REPORT WITHOUT OFFICIAL APPROVAL

## TEST REPORT

Customer Name : บริษัท ไทยโตไคคาร์บอนโปรดักท์ จำกัด Report No. : 5024/2025/15-23  
Project : โครงการโรงงานผลิตคาร์บอนแบล็ก Report Date : January 9, 2026  
Address : เลขที่ 888/7 นิคมอุตสาหกรรมหลักชัยเมืองยาง Sampling Date : December 24-31, 2025  
ตำบลสำนักทอง อำเภอเมือง จังหวัดระยอง Type of Sample : Sound Level  
Job No. : S680590/Dec

| Item                       | Time        | Result (dB (A))               |      |                 |             |      |                 |             |      |                 |             |      |                 |
|----------------------------|-------------|-------------------------------|------|-----------------|-------------|------|-----------------|-------------|------|-----------------|-------------|------|-----------------|
|                            |             | ริมรั้วโครงการด้านทิศตะวันออก |      |                 |             |      |                 |             |      |                 |             |      |                 |
|                            |             | 24-25/12/25                   |      |                 | 25-26/12/25 |      |                 | 26-27/12/25 |      |                 | 27-28/12/25 |      |                 |
|                            |             | Leq                           | Lmax | L <sub>90</sub> | Leq         | Lmax | L <sub>90</sub> | Leq         | Lmax | L <sub>90</sub> | Leq         | Lmax | L <sub>90</sub> |
| 1.                         | 09:00-10:00 | 48.1                          | 58.7 | 47.0            | 55.8        | 57.3 | 54.4            | 54.5        | 57.0 | 52.4            | 53.0        | 55.3 | 49.5            |
| 2.                         | 10:00-11:00 | 49.1                          | 56.9 | 47.5            | 56.1        | 57.5 | 54.6            | 54.5        | 56.7 | 52.1            | 53.2        | 55.6 | 49.5            |
| 3.                         | 11:00-12:00 | 49.4                          | 61.8 | 48.0            | 56.1        | 57.5 | 54.7            | 54.6        | 56.0 | 52.4            | 51.0        | 54.9 | 48.6            |
| 4.                         | 12:00-13:00 | 51.1                          | 56.9 | 48.9            | 55.5        | 58.6 | 53.5            | 54.5        | 57.0 | 52.1            | 53.2        | 55.6 | 49.9            |
| 5.                         | 13:00-14:00 | 52.6                          | 56.0 | 51.3            | 56.1        | 57.4 | 54.7            | 54.5        | 56.2 | 52.1            | 52.9        | 58.7 | 49.4            |
| 6.                         | 14:00-15:00 | 53.8                          | 55.5 | 53.0            | 55.8        | 57.4 | 54.4            | 54.6        | 55.9 | 52.5            | 52.8        | 68.0 | 49.5            |
| 7.                         | 15:00-16:00 | 54.2                          | 58.5 | 53.4            | 56.0        | 58.7 | 54.6            | 54.5        | 56.2 | 52.3            | 52.7        | 56.1 | 49.7            |
| 8.                         | 16:00-17:00 | 54.6                          | 61.7 | 53.6            | 55.9        | 57.8 | 54.4            | 54.0        | 59.9 | 50.9            | 52.3        | 54.5 | 48.9            |
| 9.                         | 17:00-18:00 | 61.8                          | 77.5 | 52.5            | 55.9        | 57.3 | 54.6            | 54.6        | 57.1 | 52.6            | 52.2        | 54.8 | 48.6            |
| 10.                        | 18:00-19:00 | 66.2                          | 78.8 | 49.2            | 55.8        | 57.2 | 54.3            | 54.5        | 58.3 | 52.4            | 52.0        | 54.7 | 48.0            |
| 11.                        | 19:00-20:00 | 53.2                          | 71.0 | 47.5            | 55.7        | 57.4 | 54.2            | 54.5        | 56.5 | 52.6            | 51.4        | 60.3 | 46.6            |
| 12.                        | 20:00-21:00 | 54.1                          | 64.8 | 50.7            | 55.4        | 57.2 | 54.0            | 54.0        | 56.2 | 51.3            | 52.0        | 54.4 | 47.7            |
| 13.                        | 21:00-22:00 | 60.7                          | 83.5 | 50.4            | 55.3        | 56.9 | 53.4            | 53.2        | 55.1 | 50.2            | 51.8        | 53.8 | 47.4            |
| 14.                        | 22:00-23:00 | 55.6                          | 72.4 | 52.1            | 55.2        | 56.8 | 53.4            | 53.4        | 55.0 | 50.5            | 51.2        | 54.7 | 47.1            |
| 15.                        | 23:00-00:00 | 54.2                          | 61.0 | 51.8            | 55.0        | 56.6 | 53.6            | 51.6        | 54.9 | 48.9            | 52.0        | 58.2 | 47.4            |
| 16.                        | 00:00-01:00 | 54.9                          | 62.1 | 52.6            | 54.8        | 56.3 | 53.0            | 49.7        | 54.2 | 48.2            | 52.5        | 54.3 | 48.6            |
| 17.                        | 01:00-02:00 | 54.5                          | 60.5 | 52.6            | 54.2        | 56.4 | 52.1            | 52.8        | 55.3 | 49.3            | 52.3        | 54.6 | 48.5            |
| 18.                        | 02:00-03:00 | 55.0                          | 57.2 | 53.1            | 54.7        | 56.4 | 53.0            | 53.5        | 55.6 | 50.7            | 52.2        | 65.1 | 48.0            |
| 19.                        | 03:00-04:00 | 55.3                          | 56.4 | 53.4            | 55.0        | 56.4 | 53.0            | 53.5        | 56.0 | 50.5            | 51.8        | 54.0 | 47.7            |
| 20.                        | 04:00-05:00 | 55.3                          | 57.9 | 53.3            | 55.0        | 57.0 | 52.9            | 53.3        | 55.1 | 50.1            | 51.3        | 54.1 | 47.5            |
| 21.                        | 05:00-06:00 | 55.1                          | 56.3 | 53.0            | 55.1        | 57.0 | 53.2            | 53.3        | 57.0 | 50.3            | 49.9        | 57.1 | 46.4            |
| 22.                        | 06:00-07:00 | 55.2                          | 57.0 | 53.3            | 54.9        | 56.5 | 53.0            | 53.2        | 56.7 | 49.7            | 49.5        | 53.8 | 45.3            |
| 23.                        | 07:00-08:00 | 55.6                          | 57.0 | 54.3            | 54.6        | 56.2 | 53.0            | 53.0        | 55.4 | 49.7            | 46.5        | 51.9 | 45.0            |
| 24.                        | 08:00-09:00 | 55.6                          | 58.0 | 54.0            | 54.5        | 56.2 | 52.3            | 53.1        | 55.0 | 49.7            | 45.6        | 48.0 | 44.7            |
| Leq 24 hr                  |             | 57.1                          | -    | -               | 55.4        | -    | -               | 53.7        | -    | -               | 51.8        | -    | -               |
| Lmax                       |             | -                             | 83.5 | -               | -           | 58.7 | -               | -           | 59.9 | -               | -           | 68.0 | -               |
| Standard <sup>(1)(2)</sup> |             | 70                            | 115  | -               | 70          | 115  | -               | 70          | 115  | -               | 70          | 115  | -               |
| Ldn                        |             | 62.0                          | -    | -               | 61.4        | -    | -               | 59.5        | -    | -               | 58.0        | -    | -               |

Standard : <sup>(1)</sup> Notification of the National Environment Board No. 15 (1997) (B.E. 2540)

<sup>(2)</sup> Notification of the Ministry of Industry (2005) (B.E. 2548)

*Pramual M.*

Pramual Moonsarn



*Wannasiri S.*

Wannasiri Suriyawong

- REPORTED RESULTS REFER TO SUBMITTED SAMPLE(S) ONLY
- DO NOT COPY PARTIAL OF THIS ANALYSIS REPORT WITHOUT OFFICIAL APPROVAL

## TEST REPORT

Customer Name : บริษัท ไทยโตไคคาร์บอนโปรดักท์ จำกัด Report No. : 5024/2025/16-23  
Project : โครงการโรงงานผลิตคาร์บอนแบล็ก Report Date : January 9, 2026  
Address : เลขที่ 888/7 นิคมอุตสาหกรรมหลักชัยเมืองยาง Sampling Date : December 24-31, 2025  
ตำบลสำนักทอง อำเภอเมือง จังหวัดระยอง Type of Sample : Sound Level  
Job No. : S680590/Dec

| Item                       | Time        | Result (dB (A))               |      |                 |             |      |                 |             |      |                 |
|----------------------------|-------------|-------------------------------|------|-----------------|-------------|------|-----------------|-------------|------|-----------------|
|                            |             | ริมรั้วโครงการด้านทิศตะวันออก |      |                 |             |      |                 |             |      |                 |
|                            |             | 28-29/12/25                   |      |                 | 29-30/12/25 |      |                 | 30-31/12/25 |      |                 |
|                            |             | Leq                           | Lmax | L <sub>90</sub> | Leq         | Lmax | L <sub>90</sub> | Leq         | Lmax | L <sub>90</sub> |
| 1.                         | 09:00-10:00 | 45.2                          | 47.2 | 44.4            | 54.5        | 72.4 | 45.4            | 53.1        | 74.6 | 44.4            |
| 2.                         | 10:00-11:00 | 45.1                          | 47.4 | 43.9            | 48.2        | 66.2 | 45.6            | 58.7        | 79.5 | 45.4            |
| 3.                         | 11:00-12:00 | 46.1                          | 50.8 | 44.1            | 48.2        | 64.1 | 46.0            | 53.9        | 69.1 | 46.2            |
| 4.                         | 12:00-13:00 | 45.5                          | 49.9 | 44.2            | 50.8        | 67.5 | 45.7            | 53.6        | 68.2 | 46.5            |
| 5.                         | 13:00-14:00 | 45.6                          | 49.1 | 44.5            | 51.2        | 69.6 | 45.3            | 55.0        | 68.8 | 45.6            |
| 6.                         | 14:00-15:00 | 46.1                          | 50.4 | 44.7            | 47.6        | 66.5 | 46.0            | 55.5        | 76.0 | 43.6            |
| 7.                         | 15:00-16:00 | 45.7                          | 48.2 | 44.5            | 47.7        | 49.6 | 46.7            | 53.8        | 72.9 | 44.0            |
| 8.                         | 16:00-17:00 | 45.1                          | 47.5 | 43.9            | 48.2        | 52.0 | 47.3            | 51.0        | 65.1 | 43.7            |
| 9.                         | 17:00-18:00 | 45.4                          | 47.6 | 44.4            | 53.0        | 67.2 | 47.4            | 62.7        | 87.3 | 41.5            |
| 10.                        | 18:00-19:00 | 45.8                          | 54.2 | 44.6            | 50.8        | 67.3 | 47.0            | 50.4        | 63.6 | 42.5            |
| 11.                        | 19:00-20:00 | 45.8                          | 49.7 | 44.7            | 52.5        | 72.3 | 47.3            | 50.6        | 64.1 | 44.3            |
| 12.                        | 20:00-21:00 | 46.1                          | 50.9 | 45.1            | 55.7        | 74.7 | 47.4            | 52.2        | 66.1 | 44.9            |
| 13.                        | 21:00-22:00 | 45.9                          | 48.6 | 44.9            | 50.8        | 67.1 | 46.7            | 50.9        | 66.3 | 44.3            |
| 14.                        | 22:00-23:00 | 45.9                          | 47.9 | 44.9            | 48.7        | 66.1 | 46.8            | 49.5        | 63.3 | 42.6            |
| 15.                        | 23:00-00:00 | 46.0                          | 52.4 | 44.9            | 55.7        | 74.2 | 46.6            | 52.3        | 70.5 | 42.5            |
| 16.                        | 00:00-01:00 | 45.7                          | 51.0 | 44.6            | 57.6        | 74.0 | 46.6            | 49.4        | 65.9 | 42.2            |
| 17.                        | 01:00-02:00 | 52.4                          | 67.3 | 43.2            | 57.3        | 74.8 | 46.1            | 52.7        | 70.2 | 40.5            |
| 18.                        | 02:00-03:00 | 46.9                          | 68.7 | 43.6            | 56.9        | 72.6 | 47.1            | 50.9        | 69.4 | 41.5            |
| 19.                        | 03:00-04:00 | 45.1                          | 47.2 | 44.0            | 58.2        | 75.0 | 47.0            | 53.1        | 67.5 | 41.4            |
| 20.                        | 04:00-05:00 | 45.9                          | 49.2 | 44.8            | 56.1        | 74.2 | 46.6            | 53.7        | 72.8 | 44.9            |
| 21.                        | 05:00-06:00 | 46.3                          | 50.9 | 45.2            | 55.4        | 73.7 | 46.7            | 56.0        | 77.0 | 43.0            |
| 22.                        | 06:00-07:00 | 47.6                          | 65.7 | 44.8            | 54.1        | 73.8 | 44.1            | 47.6        | 62.2 | 40.3            |
| 23.                        | 07:00-08:00 | 49.0                          | 65.7 | 44.9            | 53.0        | 76.4 | 44.3            | 47.7        | 61.6 | 40.4            |
| 24.                        | 08:00-09:00 | 55.2                          | 73.1 | 45.4            | 49.7        | 64.8 | 44.5            | 55.2        | 74.9 | 41.2            |
| Leq 24 hr                  |             | 47.7                          | -    | -               | 53.9        | -    | -               | 54.5        | -    | -               |
| Lmax                       |             | -                             | 73.1 | -               | -           | 76.4 | -               | -           | 87.3 | -               |
| Standard <sup>(1)(2)</sup> |             | 70                            | 115  | -               | 70          | 115  | -               | 70          | 115  | -               |
| Ldn                        |             | 54.0                          | -    | -               | 62.1        | -    | -               | 59.4        | -    | -               |

Standard : <sup>(1)</sup> Notification of the National Environment Board No. 15 (1997) (B.E. 2540)

<sup>(2)</sup> Notification of the Ministry of Industry (2005) (B.E. 2548)

Pramual M.

Pramual Moonsarn



Wannasiri S.

Wannasiri Suriyawong

- REPORTED RESULTS REFER TO SUBMITTED SAMPLE(S) ONLY
- DO NOT COPY PARTIAL OF THIS ANALYSIS REPORT WITHOUT OFFICIAL APPROVAL

## TEST REPORT

Customer Name : บริษัท ไทยโตไคคาร์บอนโปรดักท์ จำกัด Report No. : 5024/2025/17-23  
Project : โครงการโรงงานผลิตคาร์บอนแบล็ก Report Date : January 9, 2026  
Address : เลขที่ 888/7 นิคมอุตสาหกรรมหลักชัยเมืองยาง Sampling Date : December 24-31, 2025  
ตำบลสำนักทอง อำเภอเมือง จังหวัดระยอง Type of Sample : Sound Level  
Job No. : S680590/Dec

| Item                       | Time        | Result (dB (A))              |      |                 |             |      |                 |             |      |                 |             |      |                 |
|----------------------------|-------------|------------------------------|------|-----------------|-------------|------|-----------------|-------------|------|-----------------|-------------|------|-----------------|
|                            |             | วิธีวัดโครงการด้านทิศตะวันตก |      |                 |             |      |                 |             |      |                 |             |      |                 |
|                            |             | 24-25/12/25                  |      |                 | 25-26/12/25 |      |                 | 26-27/12/25 |      |                 | 27-28/12/25 |      |                 |
|                            |             | Leq                          | Lmax | L <sub>90</sub> | Leq         | Lmax | L <sub>90</sub> | Leq         | Lmax | L <sub>90</sub> | Leq         | Lmax | L <sub>90</sub> |
| 1.                         | 09:00-10:00 | 45.4                         | 62.6 | 39.2            | 46.4        | 61.3 | 38.0            | 42.2        | 60.2 | 38.1            | 45.0        | 67.5 | 36.5            |
| 2.                         | 10:00-11:00 | 52.3                         | 65.3 | 39.4            | 42.3        | 62.5 | 36.5            | 44.4        | 60.4 | 38.4            | 45.0        | 60.1 | 39.2            |
| 3.                         | 11:00-12:00 | 50.7                         | 61.1 | 39.7            | 49.7        | 77.0 | 39.6            | 49.2        | 64.6 | 44.1            | 41.9        | 56.6 | 38.0            |
| 4.                         | 12:00-13:00 | 56.6                         | 70.9 | 40.8            | 45.9        | 62.9 | 38.5            | 49.9        | 64.7 | 47.7            | 52.8        | 74.7 | 39.4            |
| 5.                         | 13:00-14:00 | 45.4                         | 62.1 | 37.6            | 42.1        | 59.3 | 38.0            | 50.9        | 57.8 | 48.6            | 52.6        | 73.3 | 39.2            |
| 6.                         | 14:00-15:00 | 47.7                         | 67.7 | 37.9            | 45.2        | 60.4 | 38.3            | 53.5        | 68.0 | 49.5            | 41.2        | 53.7 | 38.3            |
| 7.                         | 15:00-16:00 | 42.4                         | 60.1 | 37.4            | 46.5        | 62.6 | 39.6            | 54.2        | 69.7 | 48.5            | 42.5        | 56.2 | 38.3            |
| 8.                         | 16:00-17:00 | 49.5                         | 63.1 | 38.5            | 48.2        | 67.0 | 38.9            | 50.5        | 66.1 | 43.4            | 42.4        | 55.2 | 38.9            |
| 9.                         | 17:00-18:00 | 52.1                         | 67.3 | 39.8            | 52.7        | 69.9 | 38.8            | 50.3        | 63.0 | 44.4            | 58.6        | 79.6 | 39.4            |
| 10.                        | 18:00-19:00 | 51.8                         | 66.5 | 41.4            | 45.7        | 67.9 | 38.2            | 55.9        | 68.7 | 53.3            | 50.7        | 64.8 | 42.4            |
| 11.                        | 19:00-20:00 | 50.9                         | 64.2 | 38.1            | 42.7        | 60.7 | 37.4            | 57.6        | 73.8 | 49.0            | 50.6        | 63.6 | 47.5            |
| 12.                        | 20:00-21:00 | 49.9                         | 68.3 | 37.6            | 43.3        | 61.2 | 37.4            | 52.2        | 67.6 | 48.6            | 50.0        | 61.1 | 45.5            |
| 13.                        | 21:00-22:00 | 53.5                         | 67.7 | 38.3            | 56.0        | 68.1 | 38.7            | 56.9        | 75.5 | 37.2            | 44.5        | 60.5 | 39.7            |
| 14.                        | 22:00-23:00 | 44.8                         | 61.2 | 38.8            | 47.1        | 62.1 | 39.6            | 47.2        | 72.2 | 36.6            | 43.6        | 56.8 | 39.8            |
| 15.                        | 23:00-00:00 | 55.9                         | 73.6 | 38.5            | 50.2        | 68.1 | 38.1            | 45.4        | 61.9 | 36.6            | 43.7        | 59.7 | 39.6            |
| 16.                        | 00:00-01:00 | 51.1                         | 65.0 | 44.1            | 50.4        | 65.8 | 37.5            | 41.6        | 57.5 | 36.5            | 42.9        | 61.8 | 38.6            |
| 17.                        | 01:00-02:00 | 53.9                         | 69.6 | 48.6            | 50.8        | 63.6 | 46.3            | 51.1        | 73.0 | 36.9            | 43.0        | 59.7 | 39.0            |
| 18.                        | 02:00-03:00 | 54.3                         | 71.9 | 49.3            | 50.7        | 66.9 | 47.9            | 53.9        | 76.5 | 37.5            | 43.7        | 55.0 | 40.0            |
| 19.                        | 03:00-04:00 | 56.0                         | 71.9 | 50.1            | 52.6        | 61.3 | 48.8            | 44.1        | 59.6 | 36.5            | 46.4        | 62.5 | 42.2            |
| 20.                        | 04:00-05:00 | 56.1                         | 75.3 | 49.7            | 50.1        | 65.3 | 38.6            | 45.3        | 63.7 | 37.8            | 47.0        | 58.3 | 41.8            |
| 21.                        | 05:00-06:00 | 53.2                         | 66.3 | 50.3            | 42.9        | 59.5 | 37.5            | 40.2        | 59.6 | 36.8            | 46.8        | 64.3 | 40.2            |
| 22.                        | 06:00-07:00 | 51.5                         | 65.9 | 41.6            | 45.2        | 60.6 | 39.9            | 39.1        | 52.4 | 37.1            | 47.0        | 66.0 | 40.0            |
| 23.                        | 07:00-08:00 | 52.6                         | 77.5 | 42.9            | 44.6        | 58.9 | 40.0            | 56.4        | 79.3 | 38.2            | 47.9        | 64.2 | 41.7            |
| 24.                        | 08:00-09:00 | 47.4                         | 58.6 | 39.2            | 44.7        | 65.5 | 38.4            | 43.4        | 61.0 | 37.1            | 47.8        | 67.0 | 42.0            |
| Leq 24 hr                  |             | 52.4                         | -    | -               | 49.0        | -    | -               | 51.9        | -    | -               | 49.2        | -    | -               |
| Lmax                       |             | -                            | 77.5 | -               | -           | 77.0 | -               | -           | 79.3 | -               | -           | 79.6 | -               |
| Standard <sup>(1)(2)</sup> |             | 70                           | 115  | -               | 70          | 115  | -               | 70          | 115  | -               | 70          | 115  | -               |
| Ldn                        |             | 60.0                         | -    | -               | 56.0        | -    | -               | 55.6        | -    | -               | 52.9        | -    | -               |

Standard : <sup>(1)</sup> Notification of the National Environment Board No. 15 (1997) (B.E. 2540)

<sup>(2)</sup> Notification of the Ministry of Industry (2005) (B.E. 2548)

Pramual Moonsarn

Wannasiri Suriyawong



- REPORTED RESULTS REFER TO SUBMITTED SAMPLE(S) ONLY
- DO NOT COPY PARTIAL OF THIS ANALYSIS REPORT WITHOUT OFFICIAL APPROVAL

## TEST REPORT

Customer Name : บริษัท ไทยโตไคคาร์บอนโปรดักท์ จำกัด Report No. : 5024/2025/18-23  
 Project : โครงการโรงงานผลิตคาร์บอนแบล็ก Report Date : January 9, 2026  
 Address : เลขที่ 888/7 นิคมอุตสาหกรรมหลักชัยเมืองยาง Sampling Date : December 24-31, 2025  
 ตำบลสำนักทอง อำเภอเมือง จังหวัดระยอง Type of Sample : Sound Level  
 Job No. : S680590/Dec

| Item                       | Time        | Result (dB (A))              |      |                 |             |      |                 |             |      |                 |
|----------------------------|-------------|------------------------------|------|-----------------|-------------|------|-----------------|-------------|------|-----------------|
|                            |             | ริมรั้วโครงการด้านทิศตะวันตก |      |                 |             |      |                 |             |      |                 |
|                            |             | 28-29/12/25                  |      |                 | 29-30/12/25 |      |                 | 30-31/12/25 |      |                 |
|                            |             | Leq                          | Lmax | L <sub>90</sub> | Leq         | Lmax | L <sub>90</sub> | Leq         | Lmax | L <sub>90</sub> |
| 1.                         | 09:00-10:00 | 44.6                         | 52.7 | 39.8            | 53.0        | 54.1 | 52.3            | 52.7        | 55.7 | 51.8            |
| 2.                         | 10:00-11:00 | 45.7                         | 62.5 | 40.1            | 52.8        | 59.4 | 52.0            | 52.3        | 55.5 | 51.2            |
| 3.                         | 11:00-12:00 | 48.3                         | 62.1 | 43.7            | 52.5        | 59.1 | 51.7            | 51.8        | 55.5 | 50.8            |
| 4.                         | 12:00-13:00 | 48.7                         | 60.9 | 44.5            | 52.9        | 55.6 | 51.9            | 51.9        | 54.5 | 50.9            |
| 5.                         | 13:00-14:00 | 46.3                         | 60.9 | 42.1            | 53.1        | 55.9 | 52.3            | 52.2        | 57.2 | 51.2            |
| 6.                         | 14:00-15:00 | 46.0                         | 59.5 | 42.1            | 53.3        | 59.6 | 52.6            | 51.6        | 56.6 | 50.5            |
| 7.                         | 15:00-16:00 | 48.5                         | 67.8 | 42.2            | 53.5        | 56.4 | 52.8            | 51.9        | 53.7 | 50.8            |
| 8.                         | 16:00-17:00 | 45.5                         | 60.4 | 41.7            | 53.8        | 56.8 | 53.2            | 52.0        | 56.2 | 50.8            |
| 9.                         | 17:00-18:00 | 44.6                         | 59.8 | 41.9            | 53.5        | 57.5 | 52.8            | 51.7        | 53.2 | 50.5            |
| 10.                        | 18:00-19:00 | 45.5                         | 56.4 | 42.2            | 53.3        | 65.3 | 52.2            | 52.0        | 53.5 | 50.8            |
| 11.                        | 19:00-20:00 | 47.3                         | 68.9 | 43.3            | 53.2        | 56.8 | 52.5            | 51.9        | 54.8 | 50.8            |
| 12.                        | 20:00-21:00 | 50.9                         | 70.2 | 45.2            | 53.3        | 54.7 | 52.6            | 51.8        | 56.8 | 50.6            |
| 13.                        | 21:00-22:00 | 50.4                         | 69.3 | 46.0            | 53.1        | 55.7 | 52.3            | 51.3        | 61.7 | 49.8            |
| 14.                        | 22:00-23:00 | 47.5                         | 56.2 | 44.7            | 52.8        | 54.0 | 52.1            | 50.8        | 63.2 | 49.4            |
| 15.                        | 23:00-00:00 | 46.6                         | 60.5 | 44.2            | 52.7        | 59.2 | 51.8            | 50.2        | 56.6 | 48.6            |
| 16.                        | 00:00-01:00 | 48.0                         | 60.1 | 45.4            | 52.4        | 54.0 | 51.5            | 50.5        | 55.5 | 49.1            |
| 17.                        | 01:00-02:00 | 48.2                         | 57.5 | 46.2            | 52.4        | 54.2 | 51.6            | 50.9        | 52.6 | 49.9            |
| 18.                        | 02:00-03:00 | 49.0                         | 57.5 | 47.1            | 53.5        | 65.0 | 52.1            | 50.8        | 53.6 | 49.7            |
| 19.                        | 03:00-04:00 | 49.5                         | 55.7 | 48.1            | 53.0        | 57.8 | 52.1            | 50.7        | 52.3 | 49.6            |
| 20.                        | 04:00-05:00 | 49.2                         | 56.7 | 48.2            | 52.9        | 55.0 | 52.1            | 50.3        | 52.7 | 49.0            |
| 21.                        | 05:00-06:00 | 52.3                         | 64.8 | 49.0            | 52.7        | 55.2 | 51.8            | 49.7        | 51.4 | 48.2            |
| 22.                        | 06:00-07:00 | 51.1                         | 54.9 | 50.0            | 52.9        | 54.9 | 51.9            | 49.2        | 51.0 | 47.8            |
| 23.                        | 07:00-08:00 | 52.4                         | 57.0 | 51.3            | 52.8        | 60.9 | 51.8            | 49.4        | 51.8 | 47.9            |
| 24.                        | 08:00-09:00 | 52.4                         | 54.0 | 51.8            | 57.8        | 77.1 | 51.7            | 49.9        | 53.0 | 48.5            |
| Leq 24 hr                  |             | 48.9                         | -    | -               | 53.4        | -    | -               | 51.2        | -    | -               |
| Lmax                       |             | -                            | 70.2 | -               | -           | 77.1 | -               | -           | 63.2 | -               |
| Standard <sup>(1)(2)</sup> |             | 70                           | 115  | -               | 70          | 115  | -               | 70          | 115  | -               |
| Ldn                        |             | 55.7                         | -    | -               | 59.1        | -    | -               | 57.0        | -    | -               |

Standard : <sup>(1)</sup> Notification of the National Environment Board No. 15 (1997) (B.E. 2540)<sup>(2)</sup> Notification of the Ministry of Industry (2005) (B.E. 2548)

Pramual M.

Pramual Moonsarn



Wannasiri S.

Wannasiri Suriyawong

- REPORTED RESULTS REFER TO SUBMITTED SAMPLE(S) ONLY
- DO NOT COPY PARTIAL OF THIS ANALYSIS REPORT WITHOUT OFFICIAL APPROVAL

## TEST REPORT

Customer Name : บริษัท ไทยโตไคคาร์บอนโปรดักท์ จำกัด Report No. : 5024/2025/19-23  
 Project : โครงการโรงงานผลิตคาร์บอนแบล็ก Report Date : January 9, 2026  
 Address : เลขที่ 888/7 นิคมอุตสาหกรรมหลักชัยเมืองยาง Sampling Date : December 24-31, 2025  
 ตำบลสำนักทอง อำเภอเมือง จังหวัดระยอง Type of Sample : Sound Level  
 Job No. : S680590/Dec

| Item                        | Time        | Result (dB(A))              |      |                 |             |      |                 |             |      |                 |             |      |                 |
|-----------------------------|-------------|-----------------------------|------|-----------------|-------------|------|-----------------|-------------|------|-----------------|-------------|------|-----------------|
|                             |             | บริเวณ หมู่ 5 บ้านเกษตรศิริ |      |                 |             |      |                 |             |      |                 |             |      |                 |
|                             |             | (ขณะมีกิจกรรมการผลิต)       |      |                 |             |      |                 |             |      |                 |             |      |                 |
|                             |             | 24-25/12/25                 |      |                 | 25-26/12/25 |      |                 | 26-27/12/25 |      |                 | 27-28/12/25 |      |                 |
|                             |             | Leq                         | Lmax | L <sub>90</sub> | Leq         | Lmax | L <sub>90</sub> | Leq         | Lmax | L <sub>90</sub> | Leq         | Lmax | L <sub>90</sub> |
| 1.                          | 09:00-10:00 | 49.1                        | 55.4 | 47.6            | 51.5        | 63.4 | 47.0            | 50.2        | 62.6 | 46.1            | 53.2        | 64.9 | 48.2            |
| 2.                          | 10:00-11:00 | 48.5                        | 57.2 | 46.9            | 48.4        | 60.2 | 43.5            | 50.2        | 62.9 | 45.7            | 52.8        | 64.2 | 48.4            |
| 3.                          | 11:00-12:00 | 46.2                        | 53.3 | 45.2            | 49.9        | 62.9 | 45.1            | 49.6        | 62.5 | 44.5            | 52.0        | 65.4 | 46.8            |
| 4.                          | 12:00-13:00 | 46.3                        | 68.9 | 43.1            | 49.9        | 62.9 | 44.5            | 49.4        | 61.4 | 45.4            | 52.8        | 65.2 | 49.0            |
| 5.                          | 13:00-14:00 | 48.4                        | 68.5 | 45.6            | 49.3        | 60.6 | 45.2            | 50.1        | 61.5 | 45.7            | 53.1        | 64.9 | 48.4            |
| 6.                          | 14:00-15:00 | 51.4                        | 73.9 | 45.4            | 49.8        | 61.4 | 46.2            | 48.6        | 57.7 | 43.8            | 53.6        | 67.0 | 49.8            |
| 7.                          | 15:00-16:00 | 56.1                        | 76.4 | 45.8            | 50.0        | 62.8 | 44.7            | 49.2        | 60.5 | 44.1            | 52.3        | 64.4 | 48.4            |
| 8.                          | 16:00-17:00 | 53.7                        | 77.3 | 45.0            | 50.3        | 60.5 | 46.0            | 49.7        | 62.4 | 45.3            | 53.0        | 64.1 | 48.4            |
| 9.                          | 17:00-18:00 | 52.6                        | 77.1 | 42.0            | 50.0        | 59.8 | 44.9            | 49.7        | 63.8 | 44.8            | 52.9        | 65.0 | 48.7            |
| 10.                         | 18:00-19:00 | 51.5                        | 73.7 | 39.3            | 49.2        | 62.8 | 44.4            | 49.8        | 60.8 | 46.3            | 52.5        | 63.2 | 47.7            |
| 11.                         | 19:00-20:00 | 49.6                        | 81.1 | 39.3            | 49.9        | 62.7 | 45.1            | 49.2        | 61.2 | 45.2            | 51.7        | 62.8 | 47.1            |
| 12.                         | 20:00-21:00 | 51.7                        | 83.5 | 38.5            | 49.3        | 61.9 | 45.4            | 50.0        | 60.1 | 45.8            | 53.3        | 65.3 | 48.8            |
| 13.                         | 21:00-22:00 | 49.8                        | 76.8 | 38.1            | 50.4        | 61.1 | 45.6            | 53.6        | 66.7 | 47.9            | 53.5        | 64.7 | 49.1            |
| 14.                         | 22:00-23:00 | 48.2                        | 67.2 | 42.2            | 49.1        | 60.1 | 44.8            | 53.4        | 65.3 | 48.5            | 52.4        | 67.5 | 47.0            |
| 15.                         | 23:00-00:00 | 53.9                        | 65.1 | 49.5            | 48.9        | 60.9 | 44.4            | 53.7        | 66.8 | 49.5            | 53.0        | 66.1 | 47.3            |
| 16.                         | 00:00-01:00 | 53.8                        | 64.7 | 49.2            | 50.2        | 63.2 | 45.2            | 53.9        | 66.8 | 49.0            | 52.3        | 63.1 | 47.5            |
| 17.                         | 01:00-02:00 | 52.5                        | 63.8 | 48.3            | 50.9        | 61.0 | 47.0            | 54.0        | 67.0 | 49.5            | 53.2        | 65.1 | 47.8            |
| 18.                         | 02:00-03:00 | 53.4                        | 64.9 | 49.4            | 48.4        | 58.7 | 44.0            | 53.7        | 68.5 | 48.6            | 53.0        | 66.1 | 48.4            |
| 19.                         | 03:00-04:00 | 52.8                        | 64.8 | 47.3            | 49.7        | 63.6 | 44.8            | 54.4        | 65.3 | 50.1            | 52.8        | 64.2 | 48.4            |
| 20.                         | 04:00-05:00 | 54.1                        | 68.1 | 49.0            | 49.3        | 60.4 | 45.3            | 53.9        | 67.3 | 48.4            | 52.4        | 65.6 | 47.4            |
| 21.                         | 05:00-06:00 | 53.3                        | 64.6 | 47.8            | 50.0        | 60.8 | 45.9            | 52.9        | 67.8 | 48.2            | 50.9        | 62.5 | 46.3            |
| 22.                         | 06:00-07:00 | 53.7                        | 63.4 | 49.0            | 50.5        | 62.1 | 46.1            | 54.8        | 66.8 | 51.2            | 51.9        | 65.2 | 47.1            |
| 23.                         | 07:00-08:00 | 52.8                        | 66.0 | 47.9            | 50.0        | 62.8 | 45.8            | 53.7        | 64.4 | 48.3            | 52.8        | 66.2 | 48.9            |
| 24.                         | 08:00-09:00 | 54.6                        | 66.8 | 50.3            | 49.9        | 61.9 | 45.7            | 52.9        | 64.3 | 47.6            | 53.0        | 65.2 | 48.6            |
| Leq 24 hr                   |             | 52.3                        | -    | -               | 49.8        | -    | -               | 52.2        | -    | -               | 52.7        | -    | -               |
| Lmax                        |             | -                           | 83.5 | -               | -           | 63.6 | -               | -           | 68.5 | -               | -           | 67.5 | -               |
| Standard <sup>(1) (2)</sup> |             | 70                          | 115  | -               | 70          | 115  | -               | 70          | 115  | -               | 70          | 115  | -               |
| Ldn                         |             | 59.3                        | -    | -               | 56.2        | -    | -               | 60.0        | -    | -               | 58.9        | -    | -               |

Standard : <sup>(1)</sup> Notification of the National Environment Board No. 15 (1997) (B.E. 2540)<sup>(2)</sup> Notification of the Ministry of Industry (2005) (B.E. 2548)

Pramual Moonsarn

Wannasiri Suriyawong



- REPORTED RESULTS REFER TO SUBMITTED SAMPLE(S) ONLY
- DO NOT COPY PARTIAL OF THIS ANALYSIS REPORT WITHOUT OFFICIAL APPROVAL

## TEST REPORT

Customer Name : บริษัท ไทยโตไคคาร์บอนโปรดักท์ จำกัด Report No. : 5024/2025/20-23  
Project : โครงการโรงงานผลิตคาร์บอนแบล็ก Report Date : January 9, 2026  
Address : เลขที่ 888/7 นิคมอุตสาหกรรมหลักชัยเมืองยาง Sampling Date : December 24-31, 2025  
ตำบลสำนักทอง อำเภอเมือง จังหวัดระยอง Type of Sample : Sound Level  
Job No. : S680590/Dec

| Item                        | Time        | Result (dB(A))              |      |                 |             |      |                 |             |      |                 |
|-----------------------------|-------------|-----------------------------|------|-----------------|-------------|------|-----------------|-------------|------|-----------------|
|                             |             | บริเวณ หมู่ 5 บ้านเกษตรศิริ |      |                 |             |      |                 |             |      |                 |
|                             |             | (ขณะมีกิจกรรมการผลิต)       |      |                 |             |      |                 |             |      |                 |
|                             |             | 28-29/12/25                 |      |                 | 29-30/12/25 |      |                 | 30-31/12/25 |      |                 |
|                             |             | Leq                         | Lmax | L <sub>90</sub> | Leq         | Lmax | L <sub>90</sub> | Leq         | Lmax | L <sub>90</sub> |
| 1.                          | 09:00-10:00 | 52.2                        | 67.4 | 47.5            | 53.4        | 64.8 | 47.9            | 54.7        | 67.3 | 49.5            |
| 2.                          | 10:00-11:00 | 52.7                        | 67.0 | 47.1            | 54.8        | 67.8 | 50.2            | 54.6        | 66.6 | 49.6            |
| 3.                          | 11:00-12:00 | 53.3                        | 65.9 | 48.8            | 53.8        | 66.6 | 48.5            | 53.9        | 64.7 | 49.9            |
| 4.                          | 12:00-13:00 | 52.3                        | 66.6 | 47.7            | 54.3        | 65.8 | 50.1            | 54.9        | 66.8 | 50.4            |
| 5.                          | 13:00-14:00 | 52.8                        | 62.6 | 48.7            | 53.2        | 64.9 | 48.8            | 54.6        | 68.4 | 49.2            |
| 6.                          | 14:00-15:00 | 52.2                        | 64.4 | 46.9            | 53.4        | 67.0 | 49.1            | 52.7        | 65.4 | 48.6            |
| 7.                          | 15:00-16:00 | 53.1                        | 67.2 | 46.9            | 53.8        | 68.1 | 47.9            | 54.2        | 66.6 | 50.5            |
| 8.                          | 16:00-17:00 | 52.6                        | 66.4 | 47.0            | 54.7        | 66.6 | 50.4            | 53.2        | 65.9 | 48.5            |
| 9.                          | 17:00-18:00 | 52.5                        | 63.9 | 47.1            | 53.1        | 64.6 | 48.7            | 53.2        | 67.5 | 48.2            |
| 10.                         | 18:00-19:00 | 53.3                        | 64.7 | 48.8            | 52.8        | 65.3 | 47.8            | 53.4        | 66.7 | 48.1            |
| 11.                         | 19:00-20:00 | 54.1                        | 65.8 | 49.8            | 54.7        | 63.5 | 50.5            | 53.6        | 68.6 | 49.5            |
| 12.                         | 20:00-21:00 | 53.0                        | 66.2 | 48.6            | 54.1        | 67.1 | 50.0            | 54.5        | 65.5 | 49.7            |
| 13.                         | 21:00-22:00 | 52.0                        | 64.1 | 46.7            | 53.3        | 68.0 | 48.9            | 54.6        | 70.1 | 49.6            |
| 14.                         | 22:00-23:00 | 52.7                        | 65.6 | 47.8            | 54.1        | 68.7 | 49.8            | 55.4        | 68.0 | 50.7            |
| 15.                         | 23:00-00:00 | 54.8                        | 67.8 | 50.4            | 54.0        | 67.2 | 48.8            | 50.5        | 62.7 | 38.8            |
| 16.                         | 00:00-01:00 | 55.2                        | 66.5 | 50.5            | 53.8        | 68.0 | 47.9            | 43.2        | 68.2 | 37.7            |
| 17.                         | 01:00-02:00 | 54.4                        | 68.4 | 49.0            | 53.7        | 67.7 | 48.3            | 41.9        | 58.3 | 40.1            |
| 18.                         | 02:00-03:00 | 54.8                        | 69.0 | 50.2            | 54.4        | 66.8 | 50.5            | 49.9        | 74.1 | 41.0            |
| 19.                         | 03:00-04:00 | 55.7                        | 68.6 | 51.7            | 53.5        | 68.2 | 48.0            | 50.5        | 68.3 | 47.6            |
| 20.                         | 04:00-05:00 | 52.6                        | 61.8 | 48.1            | 54.2        | 65.1 | 49.8            | 56.6        | 80.8 | 51.0            |
| 21.                         | 05:00-06:00 | 54.8                        | 66.3 | 49.1            | 53.8        | 67.4 | 48.5            | 55.3        | 83.3 | 50.3            |
| 22.                         | 06:00-07:00 | 53.2                        | 65.0 | 48.7            | 55.1        | 68.4 | 50.6            | 51.6        | 67.3 | 48.8            |
| 23.                         | 07:00-08:00 | 54.1                        | 67.4 | 49.0            | 52.7        | 61.9 | 48.4            | 52.0        | 75.9 | 48.6            |
| 24.                         | 08:00-09:00 | 53.1                        | 62.5 | 47.8            | 53.2        | 65.7 | 48.6            | 50.6        | 64.7 | 48.3            |
| Leq 24 hr                   |             | 53.5                        | -    | -               | 53.9        | -    | -               | 53.4        | -    | -               |
| Lmax                        |             | -                           | 69.0 | -               | -           | 68.7 | -               | -           | 83.3 | -               |
| Standard <sup>(1) (2)</sup> |             | 70                          | 115  | -               | 70          | 115  | -               | 70          | 115  | -               |
| Ldn                         |             | 60.6                        | -    | -               | 60.5        | -    | -               | 59.2        | -    | -               |

Standard : <sup>(1)</sup> Notification of the National Environment Board No. 15 (1997) (B.E. 2540)

<sup>(2)</sup> Notification of the Ministry of Industry (2005) (B.E. 2548)

Pramual Moonsarn

Wannasiri Suriyawong



- REPORTED RESULTS REFER TO SUBMITTED SAMPLE(S) ONLY
- DO NOT COPY PARTIAL OF THIS ANALYSIS REPORT WITHOUT OFFICIAL APPROVAL

## TEST REPORT

Customer Name : บริษัท ไทยโตไคคาร์บอนโปรดักท์ จำกัด Report No. : 5024/2025/21-23  
 Project : โครงการโรงงานผลิตคาร์บอนแบล็ก Report Date : January 9, 2026  
 Address : เลขที่ 888/7 นิคมอุตสาหกรรมหลักชัยเมืองยาง Sampling Date : December 24-31, 2025  
 ตำบลสำนักทอง อำเภอเมือง จังหวัดระยอง Type of Sample : Sound Level  
 Job No. : S680590/Dec

| Item                        | Time        | Result (dB(A))              |      |                 |             |      |                 |             |      |                 |             |      |                 |
|-----------------------------|-------------|-----------------------------|------|-----------------|-------------|------|-----------------|-------------|------|-----------------|-------------|------|-----------------|
|                             |             | บริเวณ หมู่ 5 บ้านเกษตรศิริ |      |                 |             |      |                 |             |      |                 |             |      |                 |
|                             |             | (ขณะไม่มีกิจกรรมการผลิต)    |      |                 |             |      |                 |             |      |                 |             |      |                 |
|                             |             | 24-25/12/25                 |      |                 | 25-26/12/25 |      |                 | 26-27/12/25 |      |                 | 27-28/12/25 |      |                 |
|                             |             | Leq                         | Lmax | L <sub>90</sub> | Leq         | Lmax | L <sub>90</sub> | Leq         | Lmax | L <sub>90</sub> | Leq         | Lmax | L <sub>90</sub> |
| 1.                          | 09:00-10:00 | 55.6                        | 66.0 | 45.5            | 45.4        | 64.0 | 43.6            | 44.1        | 58.6 | 42.2            | 42.3        | 54.4 | 40.5            |
| 2.                          | 10:00-11:00 | 51.8                        | 62.3 | 46.3            | 45.3        | 56.3 | 43.9            | 43.6        | 60.9 | 42.3            | 48.2        | 75.1 | 41.2            |
| 3.                          | 11:00-12:00 | 51.4                        | 74.5 | 45.3            | 48.5        | 73.9 | 44.4            | 50.5        | 70.3 | 42.1            | 51.0        | 68.0 | 48.3            |
| 4.                          | 12:00-13:00 | 50.5                        | 62.4 | 44.9            | 48.0        | 71.3 | 43.5            | 46.1        | 73.8 | 42.8            | 55.0        | 72.7 | 49.7            |
| 5.                          | 13:00-14:00 | 51.8                        | 66.9 | 45.7            | 54.2        | 74.4 | 46.7            | 52.1        | 75.8 | 46.5            | 59.8        | 84.3 | 51.9            |
| 6.                          | 14:00-15:00 | 51.4                        | 64.4 | 45.6            | 59.1        | 82.3 | 50.2            | 53.4        | 77.0 | 48.1            | 54.7        | 72.4 | 50.1            |
| 7.                          | 15:00-16:00 | 50.2                        | 71.0 | 45.1            | 53.9        | 85.3 | 46.3            | 49.9        | 70.3 | 42.9            | 52.5        | 70.2 | 49.6            |
| 8.                          | 16:00-17:00 | 50.0                        | 69.1 | 45.1            | 50.7        | 74.9 | 44.9            | 48.9        | 67.6 | 42.3            | 52.7        | 76.9 | 49.3            |
| 9.                          | 17:00-18:00 | 48.0                        | 60.3 | 44.2            | 49.0        | 68.9 | 44.5            | 48.7        | 71.3 | 41.7            | 51.7        | 67.4 | 48.9            |
| 10.                         | 18:00-19:00 | 55.3                        | 97.9 | 44.3            | 50.1        | 73.9 | 44.0            | 48.0        | 66.8 | 41.6            | 52.2        | 70.2 | 48.9            |
| 11.                         | 19:00-20:00 | 47.3                        | 72.3 | 38.5            | 50.1        | 66.9 | 44.4            | 49.1        | 68.6 | 42.1            | 51.9        | 67.8 | 49.2            |
| 12.                         | 20:00-21:00 | 41.5                        | 64.6 | 38.2            | 50.6        | 75.6 | 44.5            | 48.1        | 68.0 | 41.1            | 52.1        | 71.0 | 49.6            |
| 13.                         | 21:00-22:00 | 40.6                        | 56.9 | 38.8            | 49.5        | 72.3 | 44.2            | 49.1        | 70.5 | 41.8            | 52.5        | 71.3 | 49.4            |
| 14.                         | 22:00-23:00 | 44.1                        | 67.3 | 39.2            | 52.7        | 79.5 | 44.3            | 49.6        | 77.9 | 42.9            | 57.0        | 82.3 | 48.3            |
| 15.                         | 23:00-00:00 | 56.6                        | 79.9 | 49.3            | 56.4        | 80.8 | 49.8            | 50.1        | 74.1 | 44.4            | 55.3        | 78.7 | 46.1            |
| 16.                         | 00:00-01:00 | 54.0                        | 72.5 | 48.4            | 54.2        | 79.0 | 46.4            | 50.0        | 73.4 | 44.1            | 55.0        | 77.0 | 47.8            |
| 17.                         | 01:00-02:00 | 52.7                        | 78.1 | 45.8            | 54.3        | 73.4 | 47.5            | 52.6        | 76.6 | 43.9            | 50.5        | 72.0 | 44.7            |
| 18.                         | 02:00-03:00 | 54.5                        | 79.6 | 47.2            | 55.9        | 79.7 | 49.9            | 48.9        | 73.7 | 41.3            | 47.8        | 65.8 | 43.8            |
| 19.                         | 03:00-04:00 | 54.2                        | 69.2 | 47.7            | 49.1        | 64.4 | 45.4            | 47.8        | 67.8 | 40.8            | 47.2        | 70.2 | 43.4            |
| 20.                         | 04:00-05:00 | 51.9                        | 76.0 | 45.8            | 47.3        | 63.0 | 45.0            | 47.6        | 64.4 | 40.2            | 45.8        | 64.2 | 42.4            |
| 21.                         | 05:00-06:00 | 47.9                        | 63.0 | 45.3            | 47.3        | 62.6 | 45.2            | 47.9        | 62.1 | 40.7            | 45.1        | 57.7 | 43.6            |
| 22.                         | 06:00-07:00 | 49.0                        | 67.5 | 45.2            | 48.4        | 71.4 | 44.2            | 49.6        | 68.8 | 40.1            | 44.7        | 58.5 | 43.4            |
| 23.                         | 07:00-08:00 | 48.2                        | 65.5 | 44.5            | 48.2        | 68.1 | 44.1            | 46.8        | 64.4 | 40.0            | 45.0        | 59.3 | 43.5            |
| 24.                         | 08:00-09:00 | 46.3                        | 64.2 | 43.7            | 46.2        | 66.5 | 44.0            | 44.8        | 69.2 | 38.7            | 51.6        | 76.9 | 47.2            |
| Leq 24 hr                   |             | 51.8                        | -    | -               | 52.3        | -    | -               | 49.3        | -    | -               | 52.8        | -    | -               |
| Lmax                        |             | -                           | 97.9 | -               | -           | 85.3 | -               | -           | 77.9 | -               | -           | 84.3 | -               |
| Standard <sup>(1) (2)</sup> |             | 70                          | 115  | -               | 70          | 115  | -               | 70          | 115  | -               | 70          | 115  | -               |
| Ldn                         |             | 59.1                        | -    | -               | 59.3        | -    | -               | 55.9        | -    | -               | 58.7        | -    | -               |

Standard : <sup>(1)</sup> Notification of the National Environment Board No. 15 (1997) (B.E. 2540)<sup>(2)</sup> Notification of the Ministry of Industry (2005) (B.E. 2548)

Pramual M.

Pramual Moonsarn



Wannasiri S.

Wannasiri Suriyawong

- REPORTED RESULTS REFER TO SUBMITTED SAMPLE(S) ONLY
- DO NOT COPY PARTIAL OF THIS ANALYSIS REPORT WITHOUT OFFICIAL APPROVAL

## TEST REPORT

Customer Name : บริษัท ไทยโตไคคาร์บอนโปรดักท์ จำกัด Report No. : 5024/2025/22-23  
Project : โครงการโรงงานผลิตคาร์บอนแบล็ก Report Date : January 9, 2026  
Address : เลขที่ 888/7 นิคมอุตสาหกรรมหลักชัยเมืองยาง Sampling Date : December 24-31, 2025  
ตำบลสำนักทอง อำเภอเมือง จังหวัดระยอง Type of Sample : Sound Level  
Job No. : S680590/Dec

| Item                        | Time        | Result (dB(A))              |      |                 |             |      |                 |             |      |                 |
|-----------------------------|-------------|-----------------------------|------|-----------------|-------------|------|-----------------|-------------|------|-----------------|
|                             |             | บริเวณ หมู่ 5 บ้านเกษตรศิริ |      |                 |             |      |                 |             |      |                 |
|                             |             | (ขณะไม่มีกิจกรรมการผลิต)    |      |                 |             |      |                 |             |      |                 |
|                             |             | 28-29/12/25                 |      |                 | 29-30/12/25 |      |                 | 30-31/12/25 |      |                 |
|                             |             | Leq                         | Lmax | L <sub>90</sub> | Leq         | Lmax | L <sub>90</sub> | Leq         | Lmax | L <sub>90</sub> |
| 1.                          | 09:00-10:00 | 52.0                        | 69.9 | 49.6            | 57.1        | 76.0 | 51.2            | 60.4        | 81.6 | 52.7            |
| 2.                          | 10:00-11:00 | 59.4                        | 79.4 | 51.8            | 57.4        | 80.4 | 51.9            | 55.9        | 75.8 | 51.5            |
| 3.                          | 11:00-12:00 | 56.9                        | 82.5 | 52.5            | 54.2        | 73.0 | 50.8            | 53.3        | 70.9 | 49.9            |
| 4.                          | 12:00-13:00 | 53.4                        | 73.1 | 50.0            | 53.8        | 73.1 | 50.1            | 52.7        | 71.5 | 49.7            |
| 5.                          | 13:00-14:00 | 53.8                        | 73.2 | 50.1            | 53.8        | 73.7 | 49.8            | 52.7        | 75.1 | 49.7            |
| 6.                          | 14:00-15:00 | 53.2                        | 74.1 | 49.7            | 53.2        | 73.4 | 49.8            | 51.6        | 69.8 | 49.2            |
| 7.                          | 15:00-16:00 | 51.5                        | 67.5 | 48.7            | 52.4        | 75.9 | 48.5            | 51.5        | 81.5 | 47.8            |
| 8.                          | 16:00-17:00 | 51.2                        | 70.3 | 46.5            | 53.6        | 73.3 | 50.1            | 52.2        | 71.6 | 50.2            |
| 9.                          | 17:00-18:00 | 51.9                        | 66.9 | 49.1            | 53.5        | 71.0 | 50.2            | 51.9        | 70.4 | 50.0            |
| 10.                         | 18:00-19:00 | 52.5                        | 72.3 | 49.1            | 57.1        | 80.4 | 50.2            | 52.7        | 72.5 | 49.5            |
| 11.                         | 19:00-20:00 | 56.8                        | 81.5 | 49.2            | 56.2        | 81.1 | 49.9            | 54.4        | 71.1 | 48.3            |
| 12.                         | 20:00-21:00 | 56.1                        | 75.3 | 51.4            | 55.4        | 80.2 | 48.7            | 54.4        | 82.4 | 46.8            |
| 13.                         | 21:00-22:00 | 53.1                        | 79.1 | 47.8            | 55.3        | 74.4 | 48.9            | 57.0        | 79.7 | 50.4            |
| 14.                         | 22:00-23:00 | 55.4                        | 74.6 | 48.2            | 55.0        | 71.3 | 50.8            | 55.4        | 71.3 | 50.7            |
| 15.                         | 23:00-00:00 | 53.3                        | 68.8 | 46.6            | 53.2        | 75.7 | 47.1            | 52.8        | 70.7 | 46.1            |
| 16.                         | 00:00-01:00 | 49.6                        | 73.4 | 44.3            | 48.8        | 65.9 | 46.0            | 54.7        | 65.5 | 44.7            |
| 17.                         | 01:00-02:00 | 47.1                        | 65.9 | 43.7            | 49.1        | 75.0 | 45.1            | 52.7        | 77.7 | 44.2            |
| 18.                         | 02:00-03:00 | 49.8                        | 67.9 | 43.7            | 47.6        | 66.0 | 43.9            | 50.8        | 65.9 | 43.4            |
| 19.                         | 03:00-04:00 | 47.1                        | 67.1 | 43.5            | 46.4        | 65.9 | 42.9            | 49.1        | 62.1 | 43.2            |
| 20.                         | 04:00-05:00 | 45.0                        | 60.0 | 43.0            | 45.2        | 59.1 | 44.0            | 49.8        | 62.9 | 42.6            |
| 21.                         | 05:00-06:00 | 44.9                        | 60.6 | 42.6            | 45.6        | 66.7 | 44.2            | 54.0        | 63.6 | 43.0            |
| 22.                         | 06:00-07:00 | 44.5                        | 56.5 | 43.3            | 46.8        | 67.6 | 44.6            | 48.3        | 69.8 | 39.2            |
| 23.                         | 07:00-08:00 | 49.8                        | 76.4 | 44.2            | 51.5        | 75.9 | 44.6            | 48.6        | 67.8 | 39.7            |
| 24.                         | 08:00-09:00 | 51.5                        | 69.5 | 49.2            | 54.5        | 74.2 | 49.6            | 46.4        | 66.9 | 38.9            |
| Leq 24 hr                   |             | 53.2                        | -    | -               | 53.7        | -    | -               | 53.7        | -    | -               |
| Lmax                        |             | -                           | 82.5 | -               | -           | 81.1 | -               | -           | 82.4 | -               |
| Standard <sup>(1) (2)</sup> |             | 70                          | 115  | -               | 70          | 115  | -               | 70          | 115  | -               |
| Ldn                         |             | 57.5                        | -    | -               | 57.6        | -    | -               | 59.3        | -    | -               |

Standard : <sup>(1)</sup> Notification of the National Environment Board No. 15 (1997) (B.E. 2540)

<sup>(2)</sup> Notification of the Ministry of Industry (2005) (B.E. 2548)

Pramual Moonsarn



Wannasiri Suriyawong

- REPORTED RESULTS REFER TO SUBMITTED SAMPLE(S) ONLY
- DO NOT COPY PARTIAL OF THIS ANALYSIS REPORT WITHOUT OFFICIAL APPROVAL

TEST REPORT

Customer Name : บริษัท ไทยโตไคคาร์บอนโปรดักท์ จำกัด

Project : โครงการโรงงานผลิตคาร์บอนแบล็ก

Address : เลขที่ 888/7 นิคมอุตสาหกรรมหลักชัยเมืองยาง  
ตำบลสำนักทอง อำเภอเมือง จังหวัดระยอง

Job No. : S680590/Dec

Report No. : 5024/2025/23-23

Report Date : January 9, 2026

Sampling Date : December 24-31, 2025

Type of Sample : เสียงรบกวน

| Item                       | Sampling Date | Time        | Result (dB(A))                                        |                                         |                             |                                         |                  |
|----------------------------|---------------|-------------|-------------------------------------------------------|-----------------------------------------|-----------------------------|-----------------------------------------|------------------|
|                            |               |             | บริเวณ หมู่ที่ 5 บ้านเกษตรศิริ                        |                                         |                             |                                         |                  |
|                            |               |             | ระดับเสียงขณะ<br>เกิดเสียงของ<br>แหล่งกำเนิด<br>(Leq) | ระดับเสียงขณะ<br>ไม่มีการรบกวน<br>(Leq) | ระดับเสียงขณะ<br>มีการรบกวน | ระดับเสียงพื้นฐาน<br>(L <sub>90</sub> ) | ค่าระดับการรบกวน |
| 1.                         | 24-25/12/25   | 06.00-22.00 | 46.2-56.1                                             | 40.6-55.6                               | 45.7-54.8                   | 38.2-46.3                               | 0.9-13.1         |
|                            |               | 22.00-06.00 | 44.6-57.1                                             | 40.3-61.0                               | 36.5-59.3                   | 38.1-54.6                               | -10.3-14.7       |
| 2.                         | 25-26/12/25   | 06.00-22.00 | 48.4-51.5                                             | 45.3-59.1                               | 43.1-50.3                   | 43.5-50.2                               | -1.4-6.7         |
|                            |               | 22.00-06.00 | 45.2-53.0                                             | 45.3-63.4                               | 39.7-55.0                   | 43.6-55.9                               | -8.8-10.2        |
| 3.                         | 26-27/12/25   | 06.00-22.00 | 48.6-54.8                                             | 43.6-53.4                               | 32.8-53.2                   | 38.7-48.1                               | -9.3-13.5        |
|                            |               | 22.00-06.00 | 49.3-57.1                                             | 42.7-56.1                               | 45.0-59.7                   | 39.4-45.6                               | 0.3-19.2         |
| 4.                         | 27-28/12/25   | 06.00-22.00 | 51.7-53.6                                             | 42.3-59.8                               | 40.7-53.6                   | 40.5-51.9                               | -8.2-12.4        |
|                            |               | 22.00-06.00 | 48.3-56.2                                             | 43.1-61.9                               | 40.1-58.7                   | 41.5-53.5                               | -7.0-15.5        |
| 5.                         | 28-29/12/25   | 06.00-22.00 | 52.0-54.1                                             | 44.5-59.4                               | 38.7-54.1                   | 43.3-52.5                               | -10.9-9.3        |
|                            |               | 22.00-06.00 | 49.8-58.1                                             | 42.7-59.0                               | 45.5-60.9                   | 42.1-56.0                               | -4.8-18.5        |
| 6.                         | 29-30/12/25   | 06.00-22.00 | 52.7-55.1                                             | 46.8-57.4                               | 39.9-54.8                   | 44.6-51.9                               | -9.8-9.9         |
|                            |               | 22.00-06.00 | 49.2-57.2                                             | 43.4-60.2                               | 46.9-59.8                   | 42.0-54.8                               | -3.3-17.2        |
| 7.                         | 30-31/12/25   | 06.00-22.00 | 50.6-54.9                                             | 46.4-60.4                               | 38.1-54.7                   | 38.9-52.7                               | -8.7-9.7         |
|                            |               | 22.00-06.00 | 38.6-59.6                                             | 42.8-58.7                               | 38.6-62.0                   | 41.2-54.6                               | -7.4-19.6        |
| Standard <sup>(1)(2)</sup> |               |             |                                                       |                                         |                             |                                         | 10               |

Standard : <sup>(1)</sup> Notification of the National Environment Board No. 29 (2007) (B.E. 2550)  
<sup>(2)</sup> Notification of the Ministry of Industry (2005) (B.E. 2548)

Pramual M.

Pramual Moonsarn



Wannasiri S.

Wannasiri Suriyawong

- REPORTED RESULTS REFER TO SUBMITTED SAMPLE(S) ONLY
- DO NOT COPY PARTIAL OF THIS ANALYSIS REPORT WITHOUT OFFICIAL APPROVAL