



TNP ENVIRONMENT CO.,LTD.

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

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

## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท เรชา เอสเตท จำกัด  
Project Name : โครงการ Hotel Indigo Thonglor  
Address Project : ซอยสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา  
กรุงเทพมหานคร  
Sampling Point : บริเวณพื้นที่โครงการ  
GPS. Coordinate : 47 P 670670 E 1517786 N  
Sampling By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68010  
Sample Type : Ambient Air  
Sampling Date : 21 – 24 March 2025  
Sampling Time : 04.56 p.m.  
Received Date : 26 March 2025  
Analytical Date : 26 – 31 March 2025  
Report Date : 01 April 2025  
Sampling Method : High-Volume Air Sampler

Item	Sample No.	Sampling Date	Result (mg/m <sup>3</sup> )	
			Total Suspended Particulates (TSP)	Particulate Matter < 10 microns (PM-10)
1.	S68010/2	21-22/03/2025	0.1131	0.0564
2.	S68010/3	22-23/03/2025	0.0532	0.0265
3.	S68010/4	23-24/03/2025	0.0576	0.0283
Standard			≤ 0.33	≤ 0.12

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

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

Remark : Model and Serial No. : TNP-F-01-TSP and TNP-F-02-PM10  
Calibrator Model and Serial No. : TE-5028 and 3945  
Calibrator Expire Date : Oct 29, 2025

Analyst

Laboratory Manager



TNP ENVIRONMENT CO.,LTD.

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

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

## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท เรชา เอสเตท จำกัด  
Project Name : โครงการ Hotel Indigo Thonglor  
Address Project : ซอยสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา  
กรุงเทพมหานคร  
Sampling Point : โรงเรียนปทุมคงคา  
GPS. Coordinate : 47 P 671020 E 1517173 N  
Sampling By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68010  
Sample Type : Ambient Air  
Sampling Date : 24 – 25 March 2025  
Sampling Time : 12.00 p.m.  
Received Date : 26 March 2025  
Analytical Date : 26 – 31 March 2025  
Report Date : 01 April 2025  
Sampling Method : High-Volume Air Sampler

Item	Sample No.	Sampling Date	Result (mg/m <sup>3</sup> )	
			Total Suspended Particulates (TSP)	Particulate Matter < 10 microns (PM-10)
1.	S68010/5	24-25/03/2025	0.0319	0.0157
Standard			≤ 0.33	≤ 0.12

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

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

Remark : Model and Serial No. ; TNP-F-02-TSP and TNP-F-03-PM10

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

Calibrator Expire Date ; Oct 29, 2025



## ANALYSIS REPORT

**Data Provided by Customer**

Customer Name : บริษัท เรชา เอสเตท จำกัด  
Project Name : โครงการ Hotel Indigo Thonglor  
Address Project : ซอยสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา  
กรุงเทพมหานคร  
Sampling Point : บริเวณพื้นที่โครงการ  
GPS. Coordinate : 47 P 670670 E 1517786 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

**Data Provided by Laboratory**

Report No. : S68010  
Sample No. : S68010/2  
Sample Type : Ambient Air  
Sampling Date : 21 – 22 March 2025  
Received Date : 26 March 2025  
Analytical Date : 26 – 28 March 2025  
Report Date : 31 March 2025  
Measurement Method : Non-Dispersive Infrared Detection

Interval Time	Result (ppm)
	Carbon Monoxide (CO)
04.00 p.m. - 05.00 p.m.	1.1398
05.00 p.m. - 06.00 p.m.	1.1245
06.00 p.m. - 07.00 p.m.	1.1190
07.00 p.m. - 08.00 p.m.	1.1312
08.00 p.m. - 09.00 p.m.	1.1038
09.00 p.m. - 10.00 p.m.	0.9448
10.00 p.m. - 11.00 p.m.	0.9070
11.00 p.m. - 12.00 a.m.	0.9436
12.00 a.m. - 01.00 a.m.	0.9126
01.00 a.m. - 02.00 a.m.	0.9245
02.00 a.m. - 03.00 a.m.	0.8990
03.00 a.m. - 04.00 a.m.	0.7978
04.00 a.m. - 05.00 a.m.	0.7528
05.00 a.m. - 06.00 a.m.	0.9450
06.00 a.m. - 07.00 a.m.	0.9108
07.00 a.m. - 08.00 a.m.	0.9269
08.00 a.m. - 09.00 a.m.	1.1072
09.00 a.m. - 10.00 a.m.	1.1190
10.00 a.m. - 11.00 a.m.	1.1488
11.00 a.m. - 12.00 p.m.	1.1822
12.00 p.m. - 01.00 p.m.	1.1293
01.00 p.m. - 02.00 p.m.	1.1599
02.00 p.m. - 03.00 p.m.	1.1287
03.00 p.m. - 04.00 p.m.	1.1182
<b>8 Hour Average</b>	<b>1.1367</b>
<b>1 Hour Maximum</b>	<b>1.1822</b>
<b>1 Hour Minimum</b>	<b>0.7528</b>
<b>Standard 8 Hour Averages</b>	<b>9</b>
<b>Standard 1 Hour</b>	<b>30</b>

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

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

## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท เรชา เอสเตท จำกัด  
 Project Name : โครงการ Hotel Indigo Thonglor  
 Address Project : ซอยสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา  
 กรุงเทพมหานคร  
 Sampling Point : บริเวณพื้นที่โครงการ  
 GPS. Coordinate : 47 P 670670 E 1517786 N  
 Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68010  
 Sample No. : S68010/3  
 Sample Type : Ambient Air  
 Sampling Date : 22 – 23 March 2025  
 Received Date : 26 March 2025  
 Analytical Date : 26 – 28 March 2025  
 Report Date : 31 March 2025  
 Measurement Method : Non-Dispersive Infrared Detection

Interval Time	Result (ppm)
	Carbon Monoxide (CO)
04.00 p.m. - 05.00 p.m.	1.1046
05.00 p.m. - 06.00 p.m.	1.0810
06.00 p.m. - 07.00 p.m.	1.0728
07.00 p.m. - 08.00 p.m.	1.0839
08.00 p.m. - 09.00 p.m.	1.0909
09.00 p.m. - 10.00 p.m.	0.8653
10.00 p.m. - 11.00 p.m.	0.8376
11.00 p.m. - 12.00 a.m.	0.8532
12.00 a.m. - 01.00 a.m.	0.8056
01.00 a.m. - 02.00 a.m.	0.8273
02.00 a.m. - 03.00 a.m.	0.8162
03.00 a.m. - 04.00 a.m.	0.8362
04.00 a.m. - 05.00 a.m.	0.8534
05.00 a.m. - 06.00 a.m.	0.8577
06.00 a.m. - 07.00 a.m.	0.9749
07.00 a.m. - 08.00 a.m.	0.9840
08.00 a.m. - 09.00 a.m.	0.9962
09.00 a.m. - 10.00 a.m.	1.1255
10.00 a.m. - 11.00 a.m.	1.1167
11.00 a.m. - 12.00 p.m.	1.0959
12.00 p.m. - 01.00 p.m.	1.1046
01.00 p.m. - 02.00 p.m.	1.1269
02.00 p.m. - 03.00 p.m.	1.1161
03.00 p.m. - 04.00 p.m.	1.1207
<b>8 Hour Average</b>	<b>1.1003</b>
<b>1 Hour Maximum</b>	<b>1.1269</b>
<b>1 Hour Minimum</b>	<b>0.8056</b>
<b>Standard 8 Hour Averages</b>	<b>9</b>
<b>Standard 1 Hour</b>	<b>30</b>

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

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



## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท เรชา เอสเตท จำกัด  
 Project Name : โครงการ Hotel Indigo Thonglor  
 Address Project : ซอยสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา  
 กรุงเทพมหานคร  
 Sampling Point : บริเวณพื้นที่โครงการ  
 GPS. Coordinate : 47 P 670670 E 1517786 N  
 Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68010  
 Sample No. : S68010/4  
 Sample Type : Ambient Air  
 Sampling Date : 23 – 24 March 2025  
 Received Date : 26 March 2025  
 Analytical Date : 26 – 28 March 2025  
 Report Date : 31 March 2025  
 Measurement Method : Non-Dispersive Infrared Detection

Interval Time	Result (ppm)
	Carbon Monoxide (CO)
04.00 p.m. - 05.00 p.m.	1.1605
05.00 p.m. - 06.00 p.m.	1.1477
06.00 p.m. - 07.00 p.m.	1.1383
07.00 p.m. - 08.00 p.m.	1.1416
08.00 p.m. - 09.00 p.m.	1.0305
09.00 p.m. - 10.00 p.m.	1.0277
10.00 p.m. - 11.00 p.m.	0.9985
11.00 p.m. - 12.00 a.m.	0.9114
12.00 a.m. - 01.00 a.m.	0.9904
01.00 a.m. - 02.00 a.m.	0.8694
02.00 a.m. - 03.00 a.m.	0.8780
03.00 a.m. - 04.00 a.m.	0.8893
04.00 a.m. - 05.00 a.m.	0.7231
05.00 a.m. - 06.00 a.m.	0.9063
06.00 a.m. - 07.00 a.m.	0.9201
07.00 a.m. - 08.00 a.m.	0.9363
08.00 a.m. - 09.00 a.m.	0.9281
09.00 a.m. - 10.00 a.m.	1.1725
10.00 a.m. - 11.00 a.m.	1.1811
11.00 a.m. - 12.00 p.m.	1.1645
12.00 p.m. - 01.00 p.m.	1.1836
01.00 p.m. - 02.00 p.m.	1.1565
02.00 p.m. - 03.00 p.m.	1.1514
03.00 p.m. - 04.00 p.m.	1.1722
<b>8 Hour Average</b>	<b>1.1387</b>
<b>1 Hour Maximum</b>	<b>1.1836</b>
<b>1 Hour Minimum</b>	<b>0.7231</b>
<b>Standard 8 Hour Averages</b>	<b>9</b>
<b>Standard 1 Hour</b>	<b>30</b>

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

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

## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท เรชา เอสเตท จำกัด  
Project Name : โครงการ Hotel Indigo Thonglor  
Address Project : ซอยสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา  
กรุงเทพมหานคร  
Sampling Point : โรงเรียนปทุมคงคา  
GPS. Coordinate : 47 P 671020 E 1517173 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68010  
Sample No. : S68010/5  
Sample Type : Ambient Air  
Sampling Date : 24 – 25 March 2025  
Received Date : 26 March 2025  
Analytical Date : 26 – 28 March 2025  
Report Date : 31 March 2025  
Measurement Method : Non-Dispersive Infrared Detection

Interval Time	Result (ppm)
	Carbon Monoxide (CO)
12.00 p.m. - 01.00 p.m.	0.9036
01.00 p.m. - 02.00 p.m.	0.9251
02.00 p.m. - 03.00 p.m.	0.9146
03.00 p.m. - 04.00 p.m.	0.9362
04.00 p.m. - 05.00 p.m.	0.9209
05.00 p.m. - 06.00 p.m.	0.9154
06.00 p.m. - 07.00 p.m.	0.9276
07.00 p.m. - 08.00 p.m.	0.9002
08.00 p.m. - 09.00 p.m.	0.8954
09.00 p.m. - 10.00 p.m.	0.8576
10.00 p.m. - 11.00 p.m.	0.8942
11.00 p.m. - 12.00 a.m.	0.8632
12.00 a.m. - 01.00 a.m.	0.8751
01.00 a.m. - 02.00 a.m.	0.8496
02.00 a.m. - 03.00 a.m.	0.9026
03.00 a.m. - 04.00 a.m.	0.8576
04.00 a.m. - 05.00 a.m.	0.8956
05.00 a.m. - 06.00 a.m.	0.8614
06.00 a.m. - 07.00 a.m.	0.8775
07.00 a.m. - 08.00 a.m.	0.9036
08.00 a.m. - 09.00 a.m.	0.9154
09.00 a.m. - 10.00 a.m.	0.9452
10.00 a.m. - 11.00 a.m.	0.9786
11.00 a.m. - 12.00 p.m.	0.9257
<b>8 Hour Average</b>	<b>0.9180</b>
<b>1 Hour Maximum</b>	<b>0.9786</b>
<b>1 Hour Minimum</b>	<b>0.8496</b>
<b>Standard 8 Hour Averages</b>	<b>9</b>
<b>Standard 1 Hour</b>	<b>30</b>

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

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



## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท เรखा เอสเตท จำกัด  
Project Name : โครงการ Hotel Indigo Thonglor  
Address Project : ซอยสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา  
กรุงเทพมหานคร  
Sampling Point : บริเวณพื้นที่โครงการ  
GPS. Coordinate : 47 P 670670 E 1517786 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68010  
Sample No. : S68010/2  
Sample Type : Ambient Air  
Sampling Date : 21 – 22 March 2025  
Received Date : 26 March 2025  
Analytical Date : 26 – 28 March 2025  
Report Date : 31 March 2025  
Measurement Method : Chemiluminescence

Interval Time	Result (ppm)
	Nitrogen Dioxide (NO <sub>2</sub> )
04.00 p.m. - 05.00 p.m.	0.0213
05.00 p.m. - 06.00 p.m.	0.0225
06.00 p.m. - 07.00 p.m.	0.0203
07.00 p.m. - 08.00 p.m.	0.0201
08.00 p.m. - 09.00 p.m.	0.0196
09.00 p.m. - 10.00 p.m.	0.0185
10.00 p.m. - 11.00 p.m.	0.0186
11.00 p.m. - 12.00 a.m.	0.0172
12.00 a.m. - 01.00 a.m.	0.0193
01.00 a.m. - 02.00 a.m.	0.0204
02.00 a.m. - 03.00 a.m.	0.0187
03.00 a.m. - 04.00 a.m.	0.0165
04.00 a.m. - 05.00 a.m.	0.0161
05.00 a.m. - 06.00 a.m.	0.0184
06.00 a.m. - 07.00 a.m.	0.0196
07.00 a.m. - 08.00 a.m.	0.0173
08.00 a.m. - 09.00 a.m.	0.0236
09.00 a.m. - 10.00 a.m.	0.0201
10.00 a.m. - 11.00 a.m.	0.0215
11.00 a.m. - 12.00 p.m.	0.0224
12.00 p.m. - 01.00 p.m.	0.0236
01.00 p.m. - 02.00 p.m.	0.0236
02.00 p.m. - 03.00 p.m.	0.0214
03.00 p.m. - 04.00 p.m.	0.0203
<b>24 Hour Average</b>	<b>0.0200</b>
<b>1 Hour Maximum</b>	<b>0.0236</b>
<b>1 Hour Minimum</b>	<b>0.0161</b>
<b>Standard 1 Hour Averages</b>	<b>0.17</b>

Standard : Notification of the National Environment Committee Issue 33 B.E. 2552 (2009), The Standard Level of Nitrogen dioxide in the generic atmosphere.  
Remark : Model and Serial No. : 42C and 42C-59194-321  
Calibration Gas Cylinder I.D. : EB0129027  
Concentration (ppm) : 55.47  
Expire Date : Oct 29, 2027

## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท เรชา เอสเตท จำกัด  
Project Name : โครงการ Hotel Indigo Thonglor  
Address Project : ซอยสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา  
กรุงเทพมหานคร  
Sampling Point : บริเวณพื้นที่โครงการ  
GPS. Coordinate : 47 P 670670 E 1517786 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68010  
Sample No. : S68010/3  
Sample Type : Ambient Air  
Sampling Date : 22 – 23 March 2025  
Received Date : 26 March 2025  
Analytical Date : 26 – 28 March 2025  
Report Date : 31 March 2025  
Measurement Method : Chemiluminescence

Interval Time	Result (ppm)
	Nitrogen Dioxide (NO <sub>2</sub> )
04.00 p.m. - 05.00 p.m.	0.0214
05.00 p.m. - 06.00 p.m.	0.0195
06.00 p.m. - 07.00 p.m.	0.0203
07.00 p.m. - 08.00 p.m.	0.0184
08.00 p.m. - 09.00 p.m.	0.0176
09.00 p.m. - 10.00 p.m.	0.0182
10.00 p.m. - 11.00 p.m.	0.0165
11.00 p.m. - 12.00 a.m.	0.0195
12.00 a.m. - 01.00 a.m.	0.0195
01.00 a.m. - 02.00 a.m.	0.0182
02.00 a.m. - 03.00 a.m.	0.0164
03.00 a.m. - 04.00 a.m.	0.0172
04.00 a.m. - 05.00 a.m.	0.0180
05.00 a.m. - 06.00 a.m.	0.0179
06.00 a.m. - 07.00 a.m.	0.0190
07.00 a.m. - 08.00 a.m.	0.0201
08.00 a.m. - 09.00 a.m.	0.0206
09.00 a.m. - 10.00 a.m.	0.0236
10.00 a.m. - 11.00 a.m.	0.0213
11.00 a.m. - 12.00 p.m.	0.0226
12.00 p.m. - 01.00 p.m.	0.0238
01.00 p.m. - 02.00 p.m.	0.0226
02.00 p.m. - 03.00 p.m.	0.0201
03.00 p.m. - 04.00 p.m.	0.0213
<b>24 Hour Average</b>	<b>0.0197</b>
<b>1 Hour Maximum</b>	<b>0.0238</b>
<b>1 Hour Minimum</b>	<b>0.0164</b>
<b>Standard 1 Hour Averages</b>	<b>0.17</b>

Standard : Notification of the National Environment Committee Issue 33 B.E. 2552 (2009), The Standard Level of Nitrogen dioxide in the generic atmosphere.  
Remark : Model and Serial No. : 42C and 42C-59194-321  
Calibration Gas Cylinder I.D. : EB0129027  
Concentration (ppm) : 55.47  
Expire Date : Oct 29, 2027



## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท เรชา เอสเตท จำกัด  
Project Name : โครงการ Hotel Indigo Thonglor  
Address Project : ซอยสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา  
กรุงเทพมหานคร  
Sampling Point : บริเวณพื้นที่โครงการ  
GPS. Coordinate : 47 P 670670 E 1517786 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68010  
Sample No. : S68010/4  
Sample Type : Ambient Air  
Sampling Date : 23 - 24 March 2025  
Received Date : 26 March 2025  
Analytical Date : 26 - 28 March 2025  
Report Date : 31 March 2025  
Measurement Method : Chemiluminescence

Interval Time	Result (ppm)
	Nitrogen Dioxide (NO <sub>2</sub> )
04.00 p.m. - 05.00 p.m.	0.0184
05.00 p.m. - 06.00 p.m.	0.0186
06.00 p.m. - 07.00 p.m.	0.0215
07.00 p.m. - 08.00 p.m.	0.0176
08.00 p.m. - 09.00 p.m.	0.0185
09.00 p.m. - 10.00 p.m.	0.0192
10.00 p.m. - 11.00 p.m.	0.0194
11.00 p.m. - 12.00 a.m.	0.0203
12.00 a.m. - 01.00 a.m.	0.0176
01.00 a.m. - 02.00 a.m.	0.0168
02.00 a.m. - 03.00 a.m.	0.0182
03.00 a.m. - 04.00 a.m.	0.0184
04.00 a.m. - 05.00 a.m.	0.0163
05.00 a.m. - 06.00 a.m.	0.0175
06.00 a.m. - 07.00 a.m.	0.0208
07.00 a.m. - 08.00 a.m.	0.0196
08.00 a.m. - 09.00 a.m.	0.0171
09.00 a.m. - 10.00 a.m.	0.0180
10.00 a.m. - 11.00 a.m.	0.0236
11.00 a.m. - 12.00 p.m.	0.0221
12.00 p.m. - 01.00 p.m.	0.0215
01.00 p.m. - 02.00 p.m.	0.0203
02.00 p.m. - 03.00 p.m.	0.0215
03.00 p.m. - 04.00 p.m.	0.0193
<b>24 Hour Average</b>	<b>0.0193</b>
<b>1 Hour Maximum</b>	<b>0.0236</b>
<b>1 Hour Minimum</b>	<b>0.0163</b>
<b>Standard 1 Hour Averages</b>	<b>0.17</b>

Standard : Notification of the National Environment Committee Issue 33 B.E. 2552 (2009), The Standard Level of Nitrogen dioxide in the generic atmosphere.  
Remark : Model and Serial No. : 42C and 42C-59194-321  
Calibration Gas Cylinder I.D. : EB0129027  
Concentration (ppm) : 55.47  
Expire Date : Oct 29, 2027

## ANALYSIS REPORT

**Data Provided by Customer**

Customer Name : บริษัท เรชา เอสเตท จำกัด  
Project Name : โครงการ Hotel Indigo Thonglor  
Address Project : ซอยสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา  
กรุงเทพมหานคร  
Sampling Point : โรงเรียนปทุมคงคา  
GPS. Coordinate : 47 P 671020 E 1517173 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

**Data Provided by Laboratory**

Report No. : S68010  
Sample No. : S68010/5  
Sample Type : Ambient Air  
Sampling Date : 24 – 25 March 2025  
Received Date : 26 March 2025  
Analytical Date : 26 – 28 March 2025  
Report Date : 31 March 2025  
Measurement Method : Chemiluminescence

Interval Time	Result (ppm)
	Nitrogen Dioxide (NO <sub>2</sub> )
12.00 p.m. - 01.00 p.m.	0.0130
01.00 p.m. - 02.00 p.m.	0.0164
02.00 p.m. - 03.00 p.m.	0.0142
03.00 p.m. - 04.00 p.m.	0.0133
04.00 p.m. - 05.00 p.m.	0.0135
05.00 p.m. - 06.00 p.m.	0.0164
06.00 p.m. - 07.00 p.m.	0.0125
07.00 p.m. - 08.00 p.m.	0.0134
08.00 p.m. - 09.00 p.m.	0.0141
09.00 p.m. - 10.00 p.m.	0.0143
10.00 p.m. - 11.00 p.m.	0.0152
11.00 p.m. - 12.00 a.m.	0.0125
12.00 a.m. - 01.00 a.m.	0.0117
01.00 a.m. - 02.00 a.m.	0.0131
02.00 a.m. - 03.00 a.m.	0.0133
03.00 a.m. - 04.00 a.m.	0.0152
04.00 a.m. - 05.00 a.m.	0.0143
05.00 a.m. - 06.00 a.m.	0.0162
06.00 a.m. - 07.00 a.m.	0.0185
07.00 a.m. - 08.00 a.m.	0.0194
08.00 a.m. - 09.00 a.m.	0.0162
09.00 a.m. - 10.00 a.m.	0.0185
10.00 a.m. - 11.00 a.m.	0.0170
11.00 a.m. - 12.00 p.m.	0.0164
<b>24 Hour Average</b>	<b>0.0149</b>
<b>1 Hour Maximum</b>	<b>0.0194</b>
<b>1 Hour Minimum</b>	<b>0.0117</b>
<b>Standard 1 Hour Averages</b>	<b>0.17</b>

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

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





TNP ENVIRONMENT CO.,LTD.

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

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

## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท เรซา เอสเตท จำกัด  
Project Name : โครงการ Hotel Indigo Thonglor  
Address Project : ซอยสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา  
กรุงเทพมหานคร  
Sampling Point : บริเวณพื้นที่โครงการ  
GPS. Coordinate : 47 P 670670 E 1517786 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68010  
Sample No. : S68010/2  
Sample Type : Ambient Air  
Sampling Date : 21 – 22 March 2025  
Received Date : 26 March 2025  
Analytical Date : 26 – 28 March 2025  
Report Date : 31 March 2025  
Measurement Method : UV Fluorescence

Interval Time	Result (ppm)
	Sulfur Dioxide (SO <sub>2</sub> )
04.00 p.m. - 05.00 p.m.	0.0057
05.00 p.m. - 06.00 p.m.	0.0059
06.00 p.m. - 07.00 p.m.	0.0060
07.00 p.m. - 08.00 p.m.	0.0048
08.00 p.m. - 09.00 p.m.	0.0056
09.00 p.m. - 10.00 p.m.	0.0039
10.00 p.m. - 11.00 p.m.	0.0041
11.00 p.m. - 12.00 a.m.	0.0040
12.00 a.m. - 01.00 a.m.	0.0038
01.00 a.m. - 02.00 a.m.	0.0022
02.00 a.m. - 03.00 a.m.	0.0027
03.00 a.m. - 04.00 a.m.	0.0028
04.00 a.m. - 05.00 a.m.	0.0030
05.00 a.m. - 06.00 a.m.	0.0037
06.00 a.m. - 07.00 a.m.	0.0042
07.00 a.m. - 08.00 a.m.	0.0055
08.00 a.m. - 09.00 a.m.	0.0059
09.00 a.m. - 10.00 a.m.	0.0051
10.00 a.m. - 11.00 a.m.	0.0048
11.00 a.m. - 12.00 p.m.	0.0046
12.00 p.m. - 01.00 p.m.	0.0050
01.00 p.m. - 02.00 p.m.	0.0052
02.00 p.m. - 03.00 p.m.	0.0055
03.00 p.m. - 04.00 p.m.	0.0064
24 Hour Average	0.0046
1 Hour Maximum	0.0064
1 Hour Minimum	0.0022
Standard 24 Hour Averages <sup>1/</sup>	0.12
Standard 1 Hour <sup>2/</sup>	0.30

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

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

## ANALYSIS REPORT

**Data Provided by Customer**

**Customer Name :** บริษัท เรชา เอสเตท จำกัด  
**Project Name :** โครงการ Hotel Indigo Thonglor  
**Address Project :** ซอยสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา กรุงเทพมหานคร  
**Sampling Point :** บริเวณพื้นที่โครงการ  
**GPS. Coordinate :** 47 P 670670 E 1517786 N  
**Measurement By :** TNP ENVIRONMENT CO.,LTD.

**Data Provided by Laboratory**

**Report No. :** S68010  
**Sample No. :** S68010/3  
**Sample Type :** Ambient Air  
**Sampling Date :** 22 – 23 March 2025  
**Received Date :** 26 March 2025  
**Analytical Date :** 26 – 28 March 2025  
**Report Date :** 31 March 2025  
**Measurement Method :** UV Fluorescence

Interval Time	Result (ppm)
	Sulfur Dioxide (SO <sub>2</sub> )
04.00 p.m. - 05.00 p.m.	0.0060
05.00 p.m. - 06.00 p.m.	0.0059
06.00 p.m. - 07.00 p.m.	0.0042
07.00 p.m. - 08.00 p.m.	0.0048
08.00 p.m. - 09.00 p.m.	0.0039
09.00 p.m. - 10.00 p.m.	0.0040
10.00 p.m. - 11.00 p.m.	0.0036
11.00 p.m. - 12.00 a.m.	0.0050
12.00 a.m. - 01.00 a.m.	0.0049
01.00 a.m. - 02.00 a.m.	0.0037
02.00 a.m. - 03.00 a.m.	0.0040
03.00 a.m. - 04.00 a.m.	0.0035
04.00 a.m. - 05.00 a.m.	0.0039
05.00 a.m. - 06.00 a.m.	0.0041
06.00 a.m. - 07.00 a.m.	0.0034
07.00 a.m. - 08.00 a.m.	0.0032
08.00 a.m. - 09.00 a.m.	0.0045
09.00 a.m. - 10.00 a.m.	0.0051
10.00 a.m. - 11.00 a.m.	0.0051
11.00 a.m. - 12.00 p.m.	0.0049
12.00 p.m. - 01.00 p.m.	0.0060
01.00 p.m. - 02.00 p.m.	0.0044
02.00 p.m. - 03.00 p.m.	0.0056
03.00 p.m. - 04.00 p.m.	0.0054
<b>24 Hour Average</b>	<b>0.0045</b>
<b>1 Hour Maximum</b>	<b>0.0060</b>
<b>1 Hour Minimum</b>	<b>0.0032</b>
<b>Standard 24 Hour Averages <sup>1/</sup></b>	<b>0.12</b>
<b>Standard 1 Hour <sup>2/</sup></b>	<b>0.30</b>

**Standard :** <sup>1/</sup> Notification of the National Environment Committee Issue 24 B.E. 2547 (2004), The Standard Level of Air Quality in the generic atmosphere  
<sup>2/</sup> Notification of the National Environment Board, No.24, B.E. 2547 (2004), dated August9, B.E. 2547 (2004), which was published in the Royal Government Gazette Vol.121 Part 104D dated September 22, B.E. 2547 (2004).  
**Remark :** Model and Serial No. ; 43C and 43C-0427408948  
 Calibration Gas Cylinder I.D. ; EB0129027  
 Concentration (ppm) ; 55.11  
 Expire Date ; Oct 29, 2027



## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท เรชา เอสเตท จำกัด  
Project Name : โครงการ Hotel Indigo Thonglor  
Address Project : ซอยสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา  
กรุงเทพมหานคร  
Sampling Point : บริเวณพื้นที่โครงการ  
GPS. Coordinate : 47 P 670670 E 1517786 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68010  
Sample No. : S68010/4  
Sample Type : Ambient Air  
Sampling Date : 23 - 24 March 2025  
Received Date : 26 March 2025  
Analytical Date : 26 - 28 March 2025  
Report Date : 31 March 2025  
Measurement Method : UV Fluorescence

Interval Time	Result (ppm)
	Sulfur Dioxide (SO <sub>2</sub> )
04.00 p.m. - 05.00 p.m.	0.0061
05.00 p.m. - 06.00 p.m.	0.0053
06.00 p.m. - 07.00 p.m.	0.0055
07.00 p.m. - 08.00 p.m.	0.0041
08.00 p.m. - 09.00 p.m.	0.0035
09.00 p.m. - 10.00 p.m.	0.0030
10.00 p.m. - 11.00 p.m.	0.0031
11.00 p.m. - 12.00 a.m.	0.0032
12.00 a.m. - 01.00 a.m.	0.0032
01.00 a.m. - 02.00 a.m.	0.0034
02.00 a.m. - 03.00 a.m.	0.0030
03.00 a.m. - 04.00 a.m.	0.0039
04.00 a.m. - 05.00 a.m.	0.0041
05.00 a.m. - 06.00 a.m.	0.0050
06.00 a.m. - 07.00 a.m.	0.0049
07.00 a.m. - 08.00 a.m.	0.0052
08.00 a.m. - 09.00 a.m.	0.0049
09.00 a.m. - 10.00 a.m.	0.0051
10.00 a.m. - 11.00 a.m.	0.0046
11.00 a.m. - 12.00 p.m.	0.0053
12.00 p.m. - 01.00 p.m.	0.0054
01.00 p.m. - 02.00 p.m.	0.0046
02.00 p.m. - 03.00 p.m.	0.0057
03.00 p.m. - 04.00 p.m.	0.0047
<b>24 Hour Average</b>	<b>0.0044</b>
<b>1 Hour Maximum</b>	<b>0.0061</b>
<b>1 Hour Minimum</b>	<b>0.0030</b>
<b>Standard 24 Hour Averages <sup>1/</sup></b>	<b>0.12</b>
<b>Standard 1 Hour <sup>2/</sup></b>	<b>0.30</b>

Standard : <sup>1/</sup> Notification of the National Environment Committee Issue 24 B.E. 2547 (2004), The Standard Level of Air Quality in the generic atmosphere  
: <sup>2/</sup> Notification of the National Environment Board, No.24, B.E. 2547 (2004), dated August9, B.E. 2547 (2004), which was published in the Royal Government Gazette Vol.121 Part 104D dated September 22, B.E. 2547 (2004).  
Remark : Model and Serial No. ; 43C and 43C-0427408948  
Calibration Gas Cylinder I.D. ; EB0129027  
Concentration (ppm) ; 55.11  
Expire Date ; Oct 29, 2027



**TNP ENVIRONMENT CO.,LTD.**

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

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

## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท เชา เอสเตท จำกัด  
Project Name : โครงการ Hotel Indigo Thonglor  
Address Project : ซอยสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา  
กรุงเทพมหานคร  
Sampling Point : โรงเรียนปทุมคงคา  
GPS. Coordinate : 47 P 671020 E 1517173 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68010  
Sample No. : S68010/5  
Sample Type : Ambient Air  
Sampling Date : 24 – 25 March 2025  
Received Date : 26 March 2025  
Analytical Date : 26 – 28 March 2025  
Report Date : 31 March 2025  
Measurement Method : UV Fluorescence

Interval Time	Result (ppm)
	Sulfur Dioxide (SO <sub>2</sub> )
12.00 p.m. - 01.00 p.m.	0.0020
01.00 p.m. - 02.00 p.m.	0.0021
02.00 p.m. - 03.00 p.m.	0.0021
03.00 p.m. - 04.00 p.m.	0.0023
04.00 p.m. - 05.00 p.m.	0.0024
05.00 p.m. - 06.00 p.m.	0.0020
06.00 p.m. - 07.00 p.m.	0.0021
07.00 p.m. - 08.00 p.m.	0.0019
08.00 p.m. - 09.00 p.m.	0.0018
09.00 p.m. - 10.00 p.m.	0.0017
10.00 p.m. - 11.00 p.m.	0.0019
11.00 p.m. - 12.00 a.m.	0.0020
12.00 a.m. - 01.00 a.m.	0.0021
01.00 a.m. - 02.00 a.m.	0.0019
02.00 a.m. - 03.00 a.m.	0.0018
03.00 a.m. - 04.00 a.m.	0.0018
04.00 a.m. - 05.00 a.m.	0.0017
05.00 a.m. - 06.00 a.m.	0.0019
06.00 a.m. - 07.00 a.m.	0.0020
07.00 a.m. - 08.00 a.m.	0.0022
08.00 a.m. - 09.00 a.m.	0.0021
09.00 a.m. - 10.00 a.m.	0.0021
10.00 a.m. - 11.00 a.m.	0.0024
11.00 a.m. - 12.00 p.m.	0.0023
<b>24 Hour Average</b>	<b>0.0020</b>
<b>1 Hour Maximum</b>	<b>0.0024</b>
<b>1 Hour Minimum</b>	<b>0.0017</b>
<b>Standard 24 Hour Averages <sup>1/</sup></b>	<b>0.12</b>
<b>Standard 1 Hour <sup>2/</sup></b>	<b>0.30</b>

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

Remark : Model and Serial No. ; 43C and 43C-71079-367  
Calibration Gas Cylinder I.D. ; EB0129027  
Concentration (ppm) ; 55.11  
Expire Date ; Oct 29, 2027





TNP ENVIRONMENT CO.,LTD.

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

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

## ANALYSIS REPORT

### Data Provided by Customer

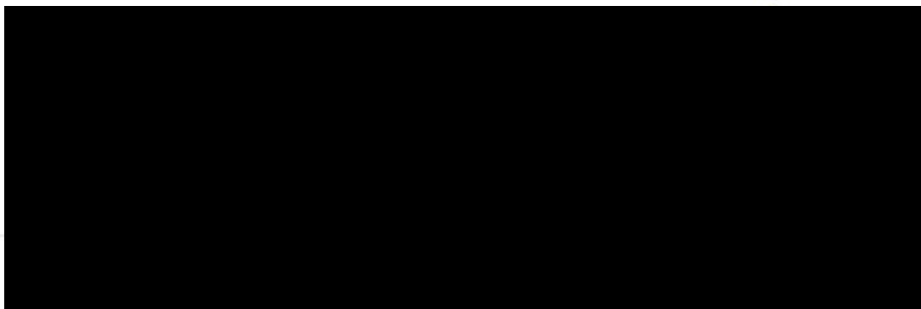
Customer Name : บริษัท เรชา เอสเตท จำกัด  
Project Name : โครงการ Hotel Indigo Thonglor  
Address Project : ซอยสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา  
กรุงเทพมหานคร  
Sampling Point : บริเวณพื้นที่โครงการ  
GPS. Coordinate : 47 P 670670 E 1517786 N  
Sampling By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68010  
Sample Type : Ambient Air  
Sampling Date : 21 – 23 March 2025  
Sampling Time : 04.00 p.m.  
Received Date : 26 March 2025  
Analytical Date : 26 – 28 March 2025  
Report Date : 31 March 2025  
Sampling Method : Flame Ionization Detection

Sampling No.	Date	Result (ppm)		
		Methane	Non-Methane	Total Hydrocarbon
S68010/2	21/03/2025	0.831	1.318	2.149
S68010/3	22/03/2025	0.818	1.252	2.070
S68010/4	23/03/2025	0.822	1.287	2.109

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



## ANALYSIS REPORT

### Data Provided by Customer

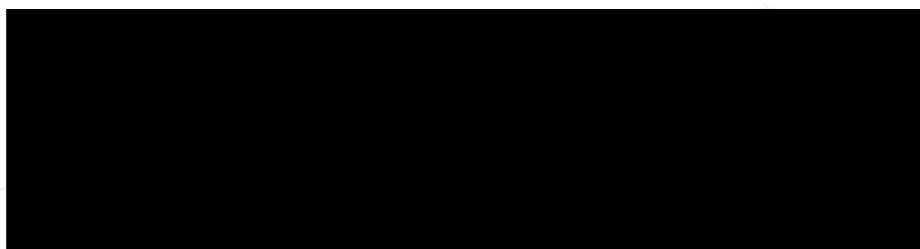
Customer Name : บริษัท เรชา เอสเตท จำกัด  
Project Name : โครงการ Hotel Indigo Thonglor  
Address Project : ซอยสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา  
กรุงเทพมหานคร  
Sampling Point : โรงเรียนปทุมคงคา  
GPS. Coordinate : 47 P 671020 E 1517173 N  
Sampling By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68010  
Sample Type : Ambient Air  
Sampling Date : 24 March 2025  
Sampling Time : 12.00 p.m.  
Received Date : 26 March 2025  
Analytical Date : 26 – 28 March 2025  
Report Date : 31 March 2025  
Sampling Method : High-Volume Air Sampler

Sampling No.	Date	Result (ppm)		
		Methane	Non-Methane	Total Hydrocarbon
S68010/5	24/03/2025	0.801	1.226	2.027

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



Analyst

Laboratory Manager

## ANALYSIS REPORT

**Data Provided by Customer**

Customer Name : บริษัท เรชา เอสเตท จำกัด  
Project Name : โครงการ Hotel Indigo Thonglor  
Address Project : ซอยสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา  
กรุงเทพมหานคร  
Sampling Point : บริเวณพื้นที่โครงการ  
GPS. Coordinate : 47 P 670659 E 1517807 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

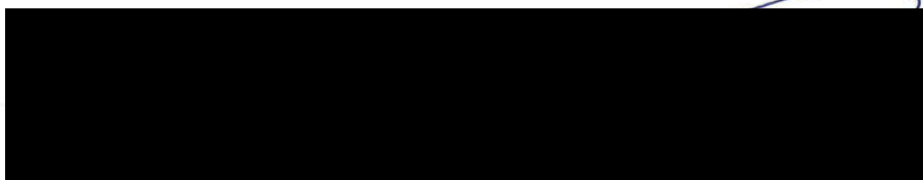
**Data Provided by Laboratory**

Report No. : S68010  
Sample No. : S68010/2  
Sample Type : Sound Level  
Sampling Date : 21 – 22 March 2025  
Received Date : 26 March 2025  
Analytical Date : 26 – 28 March 2025  
Report Date : 31 March 2025  
Measurement Method : Sound Level Meter

Interval Time	Result (dB(A))			
	Leq	Lmax	L10	L90
05.00 p.m. - 06.00 p.m.	67.7	96.9	69.4	64.1
06.00 p.m. - 07.00 p.m.	65.8	91.3	68.0	63.5
07.00 p.m. - 08.00 p.m.	65.7	89.4	67.8	62.8
08.00 p.m. - 09.00 p.m.	66.6	89.1	68.6	64.1
09.00 p.m. - 10.00 p.m.	65.6	89.5	67.2	63.9
10.00 p.m. - 11.00 p.m.	64.0	83.3	66.0	62.1
11.00 p.m. - 12.00 a.m.	64.2	81.0	66.4	61.4
12.00 a.m. - 01.00 a.m.	63.6	83.4	65.6	61.7
01.00 a.m. - 02.00 a.m.	62.6	80.8	64.8	60.8
02.00 a.m. - 03.00 a.m.	63.5	84.9	65.6	61.8
03.00 a.m. - 04.00 a.m.	63.1	85.3	66.8	60.2
04.00 a.m. - 05.00 a.m.	65.0	84.1	66.6	63.4
05.00 a.m. - 06.00 a.m.	64.8	83.6	66.3	62.1
06.00 a.m. - 07.00 a.m.	65.9	86.3	67.2	63.4
07.00 a.m. - 08.00 a.m.	66.8	86.9	70.0	64.9
08.00 a.m. - 09.00 a.m.	68.2	100.3	70.8	66.2
09.00 a.m. - 10.00 a.m.	70.5	101.9	72.3	68.1
10.00 a.m. - 11.00 a.m.	71.6	107.2	73.6	69.5
11.00 a.m. - 12.00 p.m.	69.1	87.1	70.6	67.5
12.00 p.m. - 01.00 p.m.	65.3	85.4	67.5	63.5
01.00 p.m. - 02.00 p.m.	69.4	87.1	71.4	67.4
02.00 p.m. - 03.00 p.m.	66.9	88.2	68.9	63.4
03.00 p.m. - 04.00 p.m.	67.5	90.1	69.5	65.2
04.00 p.m. - 05.00 p.m.	69.7	87.6	71.3	67.1
<b>24 Hours Average</b>	<b>67.1</b>	<b>-</b>	<b>71.4</b>	<b>61.5</b>
<b>Lmax</b>	<b>-</b>	<b>107.2</b>	<b>-</b>	<b>-</b>
<b>Standard</b>	<b>≤70</b>	<b>≤115</b>	<b>-</b>	<b>-</b>
<b>Ldn</b>	<b>71.4</b>	<b>-</b>	<b>-</b>	<b>-</b>

**Standard** : Notification of the National Environment Board, No.15, B.E. 2540 (1997), dated March 12, B.E. 2540 (1997), which was published in the Royal Government Gazette, Vol.114, Part 27D dated April 3, B.E. 2540 (1997).

**Remark** : SLM Model and Serial No. ; ST-25D and 10340945  
Calibrator Model and Serial No. ; KSM-42C and S/N 160100568  
Calibrator Expire Date ; Aug 26, 2025



บริษัท ทีเอ็นพี เอ็นไวรอนเม้นท์ จำกัด



# ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท เรखा เอสเตท จำกัด  
Project Name : โครงการ Hotel Indigo Thonglor  
Address Project : ซอยสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา  
กรุงเทพมหานคร  
Sampling Point : บริเวณพื้นที่โครงการ  
GPS. Coordinate : 47 P 670659 E 1517807 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No.	:	S68010
Sample No.	:	S68010/3
Sample Type	:	Sound Level
Sampling Date	:	22 – 23 March 2025
Received Date	:	26 March 2025
Analytical Date	:	26 – 28 March 2025
Report Date	:	31 March 2025
Measurement Method	:	Sound Level Meter

Interval Time	Result (dB(A))			
	Leq	Lmax	L10	L90
05.00 p.m. - 06.00 p.m.	64.8	86.6	68.1	62.9
06.00 p.m. - 07.00 p.m.	63.7	91.7	65.7	61.2
07.00 p.m. - 08.00 p.m.	64.5	86.5	66.9	62.8
08.00 p.m. - 09.00 p.m.	63.2	83.2	66.1	61.2
09.00 p.m. - 10.00 p.m.	62.8	80.2	64.2	60.4
10.00 p.m. - 11.00 p.m.	63.6	79.8	65.8	60.9
11.00 p.m. - 12.00 a.m.	63.7	80.1	66.0	61.4
12.00 a.m. - 01.00 a.m.	58.5	76.3	60.2	56.7
01.00 a.m. - 02.00 a.m.	60.2	78.2	62.3	57.1
02.00 a.m. - 03.00 a.m.	61.2	79.4	63.4	57.6
03.00 a.m. - 04.00 a.m.	59.2	80.8	62.7	57.4
04.00 a.m. - 05.00 a.m.	58.4	77.4	61.2	56.6
05.00 a.m. - 06.00 a.m.	60.5	81.2	62.9	59.2
06.00 a.m. - 07.00 a.m.	63.9	83.6	65.3	61.2
07.00 a.m. - 08.00 a.m.	63.3	82.8	65.4	61.2
08.00 a.m. - 09.00 a.m.	66.4	91.8	67.4	63.2
09.00 a.m. - 10.00 a.m.	64.9	87.3	66.0	62.8
10.00 a.m. - 11.00 a.m.	65.3	90.6	67.9	63.4
11.00 a.m. - 12.00 p.m.	65.4	90.0	68.2	61.5
12.00 p.m. - 01.00 p.m.	63.2	80.2	65.1	61.3
01.00 p.m. - 02.00 p.m.	67.5	102.2	69.2	65.1
02.00 p.m. - 03.00 p.m.	65.6	91.5	68.1	63.9
03.00 p.m. - 04.00 p.m.	64.5	93.7	66.3	62.4
04.00 p.m. - 05.00 p.m.	66.4	89.4	69.2	64.1
<b>24 Hours Average</b>	<b>64.0</b>	<b>-</b>	<b>68.2</b>	<b>57.2</b>
<b>Lmax</b>	<b>-</b>	<b>102.2</b>	<b>-</b>	<b>-</b>
<b>Standard</b>	<b>≤70</b>	<b>≤115</b>	<b>-</b>	<b>-</b>
<b>Ldn</b>	<b>68.6</b>	<b>-</b>	<b>-</b>	<b>-</b>

**Standard** : Notification of the National Environment Board, No.15, B.E. 2540 (1997), dated March 12, B.E. 2540 (1997), which was published in the Royal Government Gazette, Vol.114, Part 27D dated April 3, B.E. 2540 (1997).

Remark	: SLM Model and Serial No.	: ST-25D and 10340945
	Calibrator Model and Serial No.	: KSM-42C and S/N 160100568
	Calibrator Serial No.	: 160100568



## ANALYSIS REPORT

**Data Provided by Customer**

Customer Name : บริษัท เรซา เอสเตท จำกัด  
 Project Name : โครงการ Hotel Indigo Thonglor  
 Address Project : ซอยสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา  
 กรุงเทพมหานคร  
 Sampling Point : บริเวณพื้นที่โครงการ  
 GPS. Coordinate : 47 P 670659 E 1517807 N  
 Measurement By : TNP ENVIRONMENT CO.,LTD.

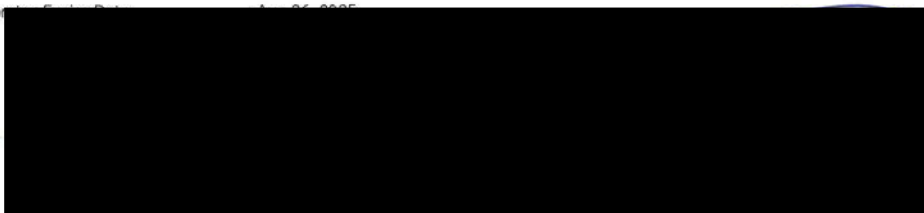
**Data Provided by Laboratory**

Report No. : S68010  
 Sample No. : S68010/4  
 Sample Type : Sound Level  
 Sampling Date : 23 – 24 March 2025  
 Received Date : 26 March 2025  
 Analytical Date : 26 – 28 March 2025  
 Report Date : 31 March 2025  
 Measurement Method : Sound Level Meter

Interval Time	Result (dB(A))			
	Leq	Lmax	L10	L90
05.00 p.m. - 06.00 p.m.	67.6	87.4	68.6	64.9
06.00 p.m. - 07.00 p.m.	64.3	88.4	66.8	62.5
07.00 p.m. - 08.00 p.m.	64.4	83.6	66.0	61.5
08.00 p.m. - 09.00 p.m.	63.9	80.1	66.2	61.9
09.00 p.m. - 10.00 p.m.	64.7	81.4	66.8	62.8
10.00 p.m. - 11.00 p.m.	64.5	81.2	66.2	62.5
11.00 p.m. - 12.00 a.m.	64.1	82.6	66.2	61.0
12.00 a.m. - 01.00 a.m.	63.4	81.5	65.6	60.8
01.00 a.m. - 02.00 a.m.	63.3	82.1	64.8	60.1
02.00 a.m. - 03.00 a.m.	62.7	80.7	64.4	60.4
03.00 a.m. - 04.00 a.m.	61.8	79.6	64.2	58.4
04.00 a.m. - 05.00 a.m.	62.9	80.6	65.2	60.9
05.00 a.m. - 06.00 a.m.	64.2	82.4	66.9	62.1
06.00 a.m. - 07.00 a.m.	63.9	81.7	65.1	61.7
07.00 a.m. - 08.00 a.m.	66.2	88.2	68.5	62.6
08.00 a.m. - 09.00 a.m.	69.7	92.0	71.4	67.5
09.00 a.m. - 10.00 a.m.	71.9	102.6	73.4	69.2
10.00 a.m. - 11.00 a.m.	67.8	113.7	69.2	65.1
11.00 a.m. - 12.00 p.m.	68.5	90.2	70.4	66.3
12.00 p.m. - 01.00 p.m.	65.1	85.1	67.3	63.2
01.00 p.m. - 02.00 p.m.	67.2	87.4	69.5	65.1
02.00 p.m. - 03.00 p.m.	70.1	89.5	72.5	68.7
03.00 p.m. - 04.00 p.m.	69.2	91.4	71.6	67.1
04.00 p.m. - 05.00 p.m.	67.4	93.6	69.3	65.2
<b>24 Hours Average</b>	<b>66.7</b>	<b>-</b>	<b>71.5</b>	<b>60.5</b>
<b>Lmax</b>	<b>-</b>	<b>113.7</b>	<b>-</b>	<b>-</b>
<b>Standard</b>	<b>≤70</b>	<b>≤115</b>	<b>-</b>	<b>-</b>
<b>Ldn</b>	<b>70.9</b>	<b>-</b>	<b>-</b>	<b>-</b>

**Standard** : Notification of the National Environment Board, No.15, B.E. 2540 (1997), dated March 12, B.E. 2540 (1997), which was published in the Royal Government Gazette, Vol.114, Part 27D dated April 3, B.E. 2540 (1997).

**Remark** : SLM Model and Serial No. ; ST-25D and 10340945  
 Calibrator Model and Serial No. ; KSM-42C and S/N 160100568  
 Calibrator Expiry Date ; 01-01-2025



TNP ENVIRONMENT CO.,LTD.

## ANALYSIS REPORT

**Data Provided by Customer**

Customer Name : บริษัท เรซา เอสเตท จำกัด  
Project Name : โครงการ Hotel Indigo Thonglor  
Address Project : ซอยสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา  
กรุงเทพมหานคร  
Sampling Point : โรงเรียนปทุมคงคา  
GPS. Coordinate : 47 P 671031 E 1517175 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

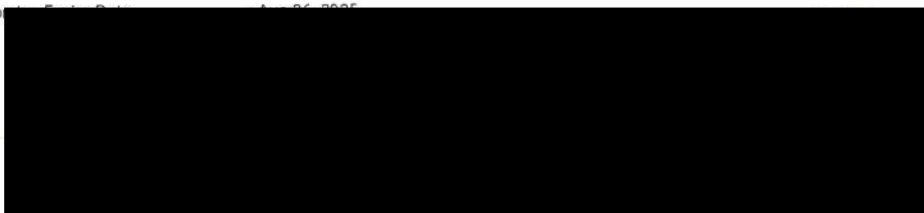
**Data Provided by Laboratory**

Report No. : S68010  
Sample No. : S68010/5  
Sample Type : Sound Level  
Sampling Date : 24 – 25 March 2025  
Received Date : 26 March 2025  
Analytical Date : 26 – 28 March 2025  
Report Date : 31 March 2025  
Measurement Method : Sound Level Meter

Interval Time	Result (dB(A))			
	Leq	Lmax	L10	L90
12.00 p.m. - 01.00 p.m.	63.2	86.4	65.1	61.2
01.00 p.m. - 02.00 p.m.	64.5	86.1	66.3	62.3
02.00 p.m. - 03.00 p.m.	66.4	84.1	68.4	64.1
03.00 p.m. - 04.00 p.m.	65.1	85.9	67.1	63.9
04.00 p.m. - 05.00 p.m.	64.9	82.5	66.2	62.5
05.00 p.m. - 06.00 p.m.	64.6	86.3	67.1	62.8
06.00 p.m. - 07.00 p.m.	63.9	81.4	65.3	61.4
07.00 p.m. - 08.00 p.m.	49.4	80.1	50.8	47.8
08.00 p.m. - 09.00 p.m.	49.5	79.2	51.0	47.2
09.00 p.m. - 10.00 p.m.	50.3	76.1	52.4	46.8
10.00 p.m. - 11.00 p.m.	48.4	65.3	50.0	45.4
11.00 p.m. - 12.00 a.m.	48.2	69.2	49.6	45.6
12.00 a.m. - 01.00 a.m.	46.9	65.7	48.4	44.6
01.00 a.m. - 02.00 a.m.	46.6	65.1	48.2	43.6
02.00 a.m. - 03.00 a.m.	47.0	61.2	48.6	44.8
03.00 a.m. - 04.00 a.m.	53.8	74.5	55.8	51.2
04.00 a.m. - 05.00 a.m.	59.7	79.7	63.6	57.4
05.00 a.m. - 06.00 a.m.	52.1	77.4	53.4	50.1
06.00 a.m. - 07.00 a.m.	55.2	72.2	57.2	53.2
07.00 a.m. - 08.00 a.m.	65.2	83.2	67.4	63.1
08.00 a.m. - 09.00 a.m.	64.1	84.1	66.2	62.5
09.00 a.m. - 10.00 a.m.	63.9	82.5	65.1	61.4
10.00 a.m. - 11.00 a.m.	64.5	87.4	68.2	62.9
11.00 a.m. - 12.00 p.m.	66.9	88.5	69.2	64.7
<b>24 Hours Average</b>	<b>62.1</b>	<b>-</b>	<b>68.0</b>	<b>45.0</b>
<b>Lmax</b>	<b>-</b>	<b>88.5</b>	<b>-</b>	<b>-</b>
<b>Standard</b>	<b>≤70</b>	<b>≤115</b>	<b>-</b>	<b>-</b>
<b>Ldn</b>	<b>63.7</b>	<b>-</b>	<b>-</b>	<b>-</b>

**Standard** : Notification of the National Environment Board, No.15, B.E. 2540 (1997), dated March 12, B.E. 2540 (1997), which was published in the Royal Government Gazette, Vol.114, Part 27D dated April 3, B.E. 2540 (1997).

**Remark** : SLM Model and Serial No. ; ST-25D and 10340943  
Calibrator Model and Serial No. ; KSM-42C and S/N 160100568  
Calibration Certificate No. ; B6-0005



บริษัท ทีเอ็นพี เอ็นvironment จำกัด



## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท เรชา เอสเตท จำกัด  
Project Name : โครงการ Hotel Indigo Thonglor  
Address Project : ซอยสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา  
กรุงเทพมหานคร  
Sampling Point : บริเวณพื้นที่โครงการ  
GPS. Coordinate : 47 P 670659 E 1517807 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68010  
Sample Type : Annoyance Level  
Sampling Date : 21 – 24 March 2025  
Received Date : 26 March 2025  
Analytical Date : 26 – 28 March 2025  
Report Date : 31 March 2025  
Measurement Method : Sound Level Meter

Sample No.	Sampling Date	Specific Noise Level : $L_{eq}$	Residual Noise Level : $L_{eq}$	Background Noise Level : $L_{90}$	The Values of Annoyance Level	Standard
S68010/2	21-22/03/2025	71.6 <sup>1/</sup>	65.2 <sup>2/</sup>	63.4 <sup>2/</sup>	7.1	10.0
S68010/3	22-23/03/2025	67.5 <sup>3/</sup>	63.3 <sup>4/</sup>	61.2 <sup>4/</sup>	4.2	10.0
S68010/4	23-24/03/2025	71.9 <sup>5/</sup>	64.2 <sup>6/</sup>	62.8 <sup>6/</sup>	8.3	10.0

**Standard** : Notification of the National Environment Board, No.29, B.E. 2550 (2007), dated June 29, B.E. 2550 (2007), which was published in the Royal Government Gazette, Vol.124, Part 98D dated August, B.E. 2550 (2007).

**Remark** : Unit of Measurement is dB(A)

Specific Noise Level

<sup>1/</sup> Measurement on 10.00 a.m. - 11.00 a.m., 22 March 2025

<sup>3/</sup> Measurement on 01.00 p.m. - 02.00 p.m., 23 March 2025

<sup>5/</sup> Measurement on 09.00 a.m. - 10.00 a.m., 24 March 2025

; Residual Noise Level

<sup>2/</sup> Measurement on 12.45 p.m. - 12.50 p.m., 22 March 2025

<sup>4/</sup> Measurement on 12.10 p.m. - 12.15 p.m., 23 March 2025

<sup>6/</sup> Measurement on 12.20 p.m. - 12.25 p.m., 24 March 2025

## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท เรชา เอสเตท จำกัด  
Project Name : โครงการ Hotel Indigo Thonglor  
Address Project : ซอยสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา  
กรุงเทพมหานคร  
Sampling Point : โรงเรียนปทุมคงคา  
GPS. Coordinate : 47 P 671031 E 1517175 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68010  
Sample Type : Annoyance Level  
Sampling Date : 24 – 25 March 2025  
Received Date : 26 March 2025  
Analytical Date : 26 – 28 March 2025  
Report Date : 31 March 2025  
Measurement Method : Sound Level Meter

Sample No.	Sampling Date	Specific Noise Level : $L_{eq}$	Residual Noise Level : $L_{eq}$	Background Noise Level : $L_{90}$	The Values of Annoyance Level	Standard
S68010/5	24-25/03/2025	66.9 <sup>1/</sup>	63.2 <sup>2/</sup>	61.2 <sup>2/</sup>	3.3	10.0

**Standard** : Notification of the National Environment Board, No.29, B.E. 2550 (2007), dated June 29, B.E. 2550 (2007), which was published in the Royal Government Gazette, Vol.124, Part 98D dated August, B.E. 2550 (2007).

**Remark** : Unit of Measurement is dB(A)

Specific Noise Level

<sup>1/</sup> Measurement on 11.00 a.m. – 12.00 p.m., 25 March 2025

; Residual Noise Level

<sup>2/</sup> Measurement on 12.50 p.m. – 12.55 p.m., 24 March 2025



## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท เรชา เอสเตท จำกัด  
Project Name : โครงการ Hotel Indigo Thonglor  
Address Project : ซอยสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา  
กรุงเทพมหานคร  
Sampling Point : พื้นที่โครงการ  
GPS. Coordinate : 47 P 670659 E 1517807 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

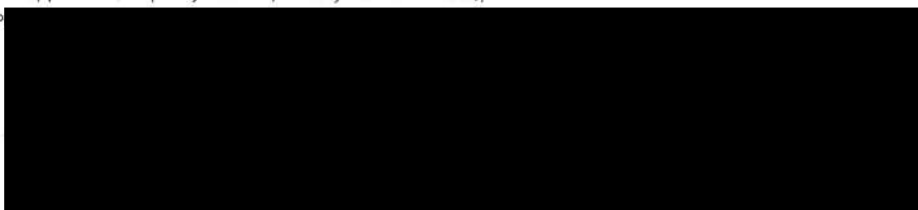
### Data Provided by Laboratory

Report No. : S68010  
Sample No. : S68010/2  
Sample Type : Vibration  
Sampling Date : 21 – 22 March 2025  
Received Date : 26 March 2025  
Analytical Date : 26 – 28 March 2025  
Report Date : 31 March 2025  
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
05.00 p.m. - 06.00 p.m.	0.670	1.6	0.851	4.0	0.780	2.2	$f \leq 10$	5.000
06.00 p.m. - 07.00 p.m.	0.717	4.7	1.955	5.4	1.143	6.9	$f \leq 10$	5.000
07.00 p.m. - 08.00 p.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
08.00 p.m. - 09.00 p.m.	0.583	2.9	0.977	3.8	0.473	2.5	$f \leq 10$	5.000
09.00 p.m. - 10.00 p.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
10.00 p.m. - 11.00 p.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
11.00 p.m. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 a.m. - 01.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
01.00 a.m. - 02.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
02.00 a.m. - 03.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
03.00 a.m. - 04.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
04.00 a.m. - 05.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
05.00 a.m. - 06.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
06.00 a.m. - 07.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
07.00 a.m. - 08.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
08.00 a.m. - 09.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
09.00 a.m. - 10.00 a.m.	0.394	1.9	0.544	5.9	0.315	2.4	$f \leq 10$	5.000
10.00 a.m. - 11.00 a.m.	0.315	2.6	0.520	5.1	0.260	2.4	$f \leq 10$	5.000
11.00 a.m. - 12.00 p.m.	0.394	3.6	0.583	4.2	0.378	3.8	$f \leq 10$	5.000
12.00 p.m. - 01.00 p.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
01.00 p.m. - 02.00 p.m.	0.307	3.8	0.607	4.6	0.717	5.3	$f \leq 10$	5.000
02.00 p.m. - 03.00 p.m.	0.347	3.9	0.646	5.4	0.323	3.7	$f \leq 10$	5.000
03.00 p.m. - 04.00 p.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
04.00 p.m. - 05.00 p.m.	0.300	1.8	0.504	4.8	0.197	4.5	$f \leq 10$	5.000
24 Hour Maximum	-	-	1.955	5.4	-	-	$f \leq 10$	5.000

Standard : Notification of National Environmental Board No. 37 B.E. 2553 (2010), Under the Enhancement and Conservation of National Environmental Quality Act B.E. 2535 (1992) published in the Royal Government Gazette No. 127 Special Part 69 ง, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),  
PPV = P



บริษัท ทีเอ็นพี เอ็นไวรอนเม้นท์ จำกัด

## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท เรชา เอสเตท จำกัด  
Project Name : โครงการ Hotel Indigo Thonglor  
Address Project : ซอยสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา  
กรุงเทพมหานคร  
Sampling Point : พื้นที่โครงการ  
GPS. Coordinate : 47 P 670659 E 1517807 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

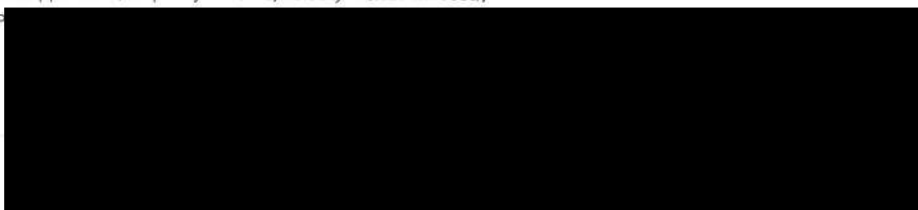
### Data Provided by Laboratory

Report No. : S68010  
Sample No. : S68010/3  
Sample Type : Vibration  
Sampling Date : 22 – 23 March 2025  
Received Date : 26 March 2025  
Analytical Date : 26 – 28 March 2025  
Report Date : 31 March 2025  
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
05.00 p.m. - 06.00 p.m.	0.244	3.0	0.512	4.5	0.205	5.1	$f \leq 10$	5.000
06.00 p.m. - 07.00 p.m.	0.378	3.1	0.497	4.2	0.331	4.0	$f \leq 10$	5.000
07.00 p.m. - 08.00 p.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
08.00 p.m. - 09.00 p.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
09.00 p.m. - 10.00 p.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
10.00 p.m. - 11.00 p.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
11.00 p.m. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 a.m. - 01.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
01.00 a.m. - 02.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
02.00 a.m. - 03.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
03.00 a.m. - 04.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
04.00 a.m. - 05.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
05.00 a.m. - 06.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
06.00 a.m. - 07.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
07.00 a.m. - 08.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
08.00 a.m. - 09.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
09.00 a.m. - 10.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
10.00 a.m. - 11.00 a.m.	0.299	6.5	1.695	5.3	0.126	4.9	$f \leq 10$	5.000
11.00 a.m. - 12.00 p.m.	0.196	5.6	1.308	5.8	1.110	5.1	$f \leq 10$	5.000
12.00 p.m. - 01.00 p.m.	0.709	6.0	1.174	4.1	0.741	2.6	$f \leq 10$	5.000
01.00 p.m. - 02.00 p.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
02.00 p.m. - 03.00 p.m.	0.456	2.5	0.785	3.4	0.619	3.2	$f \leq 10$	5.000
03.00 p.m. - 04.00 p.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
04.00 p.m. - 05.00 p.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
24 Hour Maximum	-	-	1.695	5.3	-	-	$f \leq 10$	5.000

Standard : Notification of National Environmental Board No. 37 B.E. 2553 (2010), Under the Enhancement and Conservation of National Environmental Quality Act B.E. 2535 (1992) published in the Royal Government Gazette No. 127 Special Part 69 ง, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),  
PPV = P



บริษัท ทีเอ็นพี เอ็นvironment จำกัด



## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท เรชา เอสเตท จำกัด  
Project Name : โครงการ Hotel Indigo Thonglor  
Address Project : ซอยสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา  
กรุงเทพมหานคร  
Sampling Point : พื้นที่โครงการ  
GPS. Coordinate : 47 P 670659 E 1517807 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68010  
Sample No. : S68010/4  
Sample Type : Vibration  
Sampling Date : 23 - 24 March 2025  
Received Date : 26 March 2025  
Analytical Date : 26 - 28 March 2025  
Report Date : 31 March 2025  
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
05.00 p.m. - 06.00 p.m.	0.312	3.4	0.592	5.1	0.327	3.6	$f \leq 10$	5.000
06.00 p.m. - 07.00 p.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
07.00 p.m. - 08.00 p.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
08.00 p.m. - 09.00 p.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
09.00 p.m. - 10.00 p.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
10.00 p.m. - 11.00 p.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
11.00 p.m. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 a.m. - 01.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
01.00 a.m. - 02.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
02.00 a.m. - 03.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
03.00 a.m. - 04.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
04.00 a.m. - 05.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
05.00 a.m. - 06.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
06.00 a.m. - 07.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
07.00 a.m. - 08.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
08.00 a.m. - 09.00 a.m.	0.914	6.4	1.947	7.1	0.993	5.8	$f \leq 10$	5.000
09.00 a.m. - 10.00 a.m.	0.536	6.8	1.403	4.3	1.119	4.2	$f \leq 10$	5.000
10.00 a.m. - 11.00 a.m.	0.528	6.5	1.127	4.2	0.828	3.8	$f \leq 10$	5.000
11.00 a.m. - 12.00 p.m.	0.647	3.5	0.124	3.9	0.652	5.1	$f \leq 10$	5.000
12.00 p.m. - 01.00 p.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
01.00 p.m. - 02.00 p.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
02.00 p.m. - 03.00 p.m.	0.154	7.0	2.451	4.2	1.616	4.2	$f \leq 10$	5.000
03.00 p.m. - 04.00 p.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
04.00 p.m. - 05.00 p.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
<b>24 Hour Maximum</b>	-	-	<b>2.451</b>	<b>4.2</b>	-	-	<b><math>f \leq 10</math></b>	<b>5.000</b>

Standard : Notification of National Environmental Board No. 37 B.E. 2553 (2010), Under the Enhancement and Conservation of National Environmental Quality Act B.E. 2535 (1992) published in the Royal Government Gazette No. 127 Special Part 69 ง, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),  
PPV = P

## ANALYSIS REPORT

**Data Provided by Customer**

Customer Name : บริษัท เรชา เอสเตท จำกัด  
Project Name : โครงการ Hotel Indigo Thonglor  
Address Project : ซอยสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา กรุงเทพมหานคร  
Sampling Point : บ่อดักตะกอนและตะแกรงดักขยะก่อนระบายออกสู่ท่อระบายน้ำริมถนนสุขุมวิทด้านหน้าโครงการ  
GPS. Coordinate : 47 P 670658 E 1517819 N  
Sampling By : TNP ENVIRONMENT CO.,LTD.

**Data Provided by Laboratory**

Report No. : S68010  
Sample No. : S68010/1  
Sample Type : Waste Water  
Sampling Date : 24 March 2025  
Sampling Time : 11.16 a.m.  
Received Date : 25 March 2025  
Analytical Date : 25 March – 08 April 2025  
Report Date : 09 April 2025

Parameter	Unit	Analytical Method <sup>1/</sup>	Result	Standard
pH at 23.8°C	-	Electrometric Method (4500-H <sup>+</sup> B)	8.6	5.5-9.0
Total Dissolved Solids	mg/L	Dried at 180°C (2540 C)	158	≤ 1,000
Total Suspended Solids	mg/L	Dried at 103-105°C (2540 D)	< 5.0	≤ 30
Biochemical Oxygen Demand *	mg/L	5-Day BOD Test, Membrane Electrode Method (4500-O G, 5210 B)	< 2.0	≤ 20
Settleable Solids *	mL/L	Imhoff Cone (2540 F)	< 0.1	-
Sulfide *	mg/L	Iodometric Method (4500-S <sup>2-</sup> F)	< 0.60	≤ 1.0
Fat, Oil and Grease *	mg/L	Liquid-Liquid, Partition-Gravimetric Method (5520 B)	< 2.0	≤ 20
Total Kjeldahl Nitrogen <sup>2/</sup>	mg/L	APHA:4500-Norg (B) <sup>3/</sup>	< 0.28	≤ 35
Sample Appearance		Clear/Little Sediment/Odorless		

**Standard :** Notification of the Ministry of Natural Resources and Environment, under Enhancement and Conservation of National Environmental Quality Act, B.E. 2567 (2024), Building type A.

**Remark <sup>1/</sup>** Standard Methods for the Examination of Water and Wastewater., APHA, AWWA, WEF, 24<sup>th</sup> edition 2023.

<sup>2/</sup> Analyzed by Environment & Laboratory Co., Ltd. registration number Wo-029.

<sup>3/</sup> Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23<sup>rd</sup> edition 2017.

\* This item is out the scope ISO/IEC 17025:2017 Accreditation.

Analyst

Laboratory Manager



## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท เรชา เอสเตท จำกัด  
 Project Name : โครงการ Hotel Indigo Thonglor  
 Address Project : ซอยสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา  
 กรุงเทพมหานคร  
 Sampling Point : บริเวณพื้นที่โครงการ  
 GPS. Coordinate : 47 P 670669 E 1517824 N  
 Sampling By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68010  
 Sample Type : Ambient Air  
 Sampling Date : 18 – 21 April 2025  
 Sampling Time : 02.13 p.m.  
 Received Date : 23 April 2025  
 Analytical Date : 23 – 30 April 2025  
 Report Date : 02 May 2025  
 Sampling Method : High-Volume Air Sampler

Item	Sample No.	Sampling Date	Result (mg/m <sup>3</sup> )	
			Total Suspended Particulates (TSP)	Particulate Matter < 10 microns (PM-10)
1.	S68010/2	18-19/04/2025	0.0736	0.0364
2.	S68010/3	19-20/04/2025	0.0759	0.0377
3.	S68010/4	20-21/04/2025	0.0648	0.0320
Standard			≤ 0.33	≤ 0.12

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

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

Remark : Model and Serial No. ; TNP-F-01-TSP and TNP-F-02-PM10

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

Calibrator Expire Date ; Oct 29, 2025

Analyst

Laboratory Manager

## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท เรชา เอสเตท จำกัด  
 Project Name : โครงการ Hotel Indigo Thonglor  
 Address Project : ซอยสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา  
 กรุงเทพมหานคร  
 Sampling Point : โรงเรียนปทุมคงคา  
 GPS. Coordinate : 47 P 671029 E 1517168 N  
 Sampling By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68010  
 Sample Type : Ambient Air  
 Sampling Date : 17 – 18 April 2025  
 Sampling Time : 02.13 p.m.  
 Received Date : 19 April 2025  
 Analytical Date : 19 – 30 April 2025  
 Report Date : 02 May 2025  
 Sampling Method : High-Volume Air Sampler

Item	Sample No.	Sampling Date	Result (mg/m <sup>3</sup> )	
			Total Suspended Particulates (TSP)	Particulate Matter < 10 microns (PM-10)
1.	S68010/5	17-18/04/2025	0.0371	0.0182
Standard			≤ 0.33	≤ 0.12

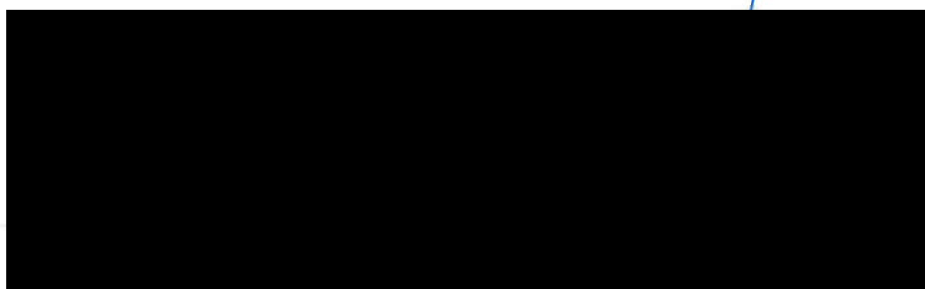
Standard Notification of the National Environment Committee Issue 24 B.E. 2547 (2004), The Standard Level of Air Quality in the generic atmosphere

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

Remark : Model and Serial No. ; TNP-F-02-TSP and TNP-F-03-PM10

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

Calibrator Expire Date ; Oct 29, 2025



Analyst

Laboratory Manager



## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท เรชา เอสเตท จำกัด  
 Project Name : โครงการ Hotel Indigo Thonglor  
 Address Project : ซอยสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา  
 กรุงเทพมหานคร  
 Sampling Point : บริเวณพื้นที่โครงการ  
 GPS. Coordinate : 47 P 670669 E 1517824 N  
 Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68010  
 Sample No. : S68010/2  
 Sample Type : Ambient Air  
 Sampling Date : 18 – 19 April 2025  
 Received Date : 22 April 2025  
 Analytical Date : 22 – 24 April 2025  
 Report Date : 25 April 2025  
 Measurement Method : Non-Dispersive Infrared Detection

Interval Time	Result (ppm)
	Carbon Monoxide (CO)
02.00 p.m. - 03.00 p.m.	1.2104
03.00 p.m. - 04.00 p.m.	1.2231
04.00 p.m. - 05.00 p.m.	1.2126
05.00 p.m. - 06.00 p.m.	1.2342
06.00 p.m. - 07.00 p.m.	1.2689
07.00 p.m. - 08.00 p.m.	1.0244
08.00 p.m. - 09.00 p.m.	1.0366
09.00 p.m. - 10.00 p.m.	0.9502
10.00 p.m. - 11.00 p.m.	0.9454
11.00 p.m. - 12.00 a.m.	0.8326
12.00 a.m. - 01.00 a.m.	0.8692
01.00 a.m. - 02.00 a.m.	0.8382
02.00 a.m. - 03.00 a.m.	0.8501
03.00 a.m. - 04.00 a.m.	0.8246
04.00 a.m. - 05.00 a.m.	0.8776
05.00 a.m. - 06.00 a.m.	0.8326
06.00 a.m. - 07.00 a.m.	0.8706
07.00 a.m. - 08.00 a.m.	0.8364
08.00 a.m. - 09.00 a.m.	0.8525
09.00 a.m. - 10.00 a.m.	0.9436
10.00 a.m. - 11.00 a.m.	0.9554
11.00 a.m. - 12.00 p.m.	1.1993
12.00 p.m. - 01.00 p.m.	1.2327
01.00 p.m. - 02.00 p.m.	1.1798
<b>8 Hour Average</b>	<b>1.1451</b>
<b>1 Hour Maximum</b>	<b>1.2689</b>
<b>1 Hour Minimum</b>	<b>0.8246</b>
<b>Standard 8 Hour Averages</b>	<b>9</b>
<b>Standard 1 Hour</b>	<b>30</b>

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

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

Exp

## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท เรชา เอสเตท จำกัด  
 Project Name : โครงการ Hotel Indigo Thonglor  
 Address Project : ซอยสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา  
 กรุงเทพมหานคร  
 Sampling Point : บริเวณพื้นที่โครงการ  
 GPS. Coordinate : 47 P 670669 E 1517824 N  
 Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68010  
 Sample No. : S68010/3  
 Sample Type : Ambient Air  
 Sampling Date : 19 – 20 April 2025  
 Received Date : 22 April 2025  
 Analytical Date : 22 – 24 April 2025  
 Report Date : 25 April 2025  
 Measurement Method : Non-Dispersive Infrared Detection

Interval Time	Result (ppm)
	Carbon Monoxide (CO)
02.00 p.m. - 03.00 p.m.	1.2213
03.00 p.m. - 04.00 p.m.	1.1901
04.00 p.m. - 05.00 p.m.	1.1796
05.00 p.m. - 06.00 p.m.	1.2012
06.00 p.m. - 07.00 p.m.	1.1219
07.00 p.m. - 08.00 p.m.	1.1164
08.00 p.m. - 09.00 p.m.	1.1286
09.00 p.m. - 10.00 p.m.	1.1012
10.00 p.m. - 11.00 p.m.	1.0964
11.00 p.m. - 12.00 a.m.	0.9696
12.00 a.m. - 01.00 a.m.	0.9550
01.00 a.m. - 02.00 a.m.	0.9752
02.00 a.m. - 03.00 a.m.	0.9871
03.00 a.m. - 04.00 a.m.	0.9516
04.00 a.m. - 05.00 a.m.	0.8776
05.00 a.m. - 06.00 a.m.	0.8326
06.00 a.m. - 07.00 a.m.	0.8706
07.00 a.m. - 08.00 a.m.	0.9634
08.00 a.m. - 09.00 a.m.	0.9795
09.00 a.m. - 10.00 a.m.	1.1046
10.00 a.m. - 11.00 a.m.	1.1164
11.00 a.m. - 12.00 p.m.	1.2472
12.00 p.m. - 01.00 p.m.	1.2806
01.00 p.m. - 02.00 p.m.	1.2277
8 Hour Average	1.1575
1 Hour Maximum	1.2806
1 Hour Minimum	0.8326
Standard 8 Hour Averages	9
Standard 1 Hour	30

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

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



## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท เรชา เอสเตท จำกัด  
 Project Name : โครงการ Hotel Indigo Thonglor  
 Address Project : ซอยสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา  
 กรุงเทพมหานคร  
 Sampling Point : บริเวณพื้นที่โครงการ  
 GPS. Coordinate : 47 P 670669 E 1517824 N  
 Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68010  
 Sample No. : S68010/4  
 Sample Type : Ambient Air  
 Sampling Date : 20 – 21 April 2025  
 Received Date : 22 April 2025  
 Analytical Date : 22 – 24 April 2025  
 Report Date : 25 April 2025  
 Measurement Method : Non-Dispersive Infrared Detection

Interval Time	Result (ppm)
	Carbon Monoxide (CO)
02.00 p.m. - 03.00 p.m.	1.1703
03.00 p.m. - 04.00 p.m.	1.1391
04.00 p.m. - 05.00 p.m.	1.1286
05.00 p.m. - 06.00 p.m.	1.1502
06.00 p.m. - 07.00 p.m.	1.1349
07.00 p.m. - 08.00 p.m.	1.1294
08.00 p.m. - 09.00 p.m.	1.1416
09.00 p.m. - 10.00 p.m.	1.1142
10.00 p.m. - 11.00 p.m.	1.1094
11.00 p.m. - 12.00 a.m.	1.0716
12.00 a.m. - 01.00 a.m.	0.9942
01.00 a.m. - 02.00 a.m.	0.9632
02.00 a.m. - 03.00 a.m.	0.9751
03.00 a.m. - 04.00 a.m.	0.9496
04.00 a.m. - 05.00 a.m.	1.0026
05.00 a.m. - 06.00 a.m.	0.9576
06.00 a.m. - 07.00 a.m.	0.9956
07.00 a.m. - 08.00 a.m.	0.9614
08.00 a.m. - 09.00 a.m.	0.9775
09.00 a.m. - 10.00 a.m.	1.1176
10.00 a.m. - 11.00 a.m.	1.1294
11.00 a.m. - 12.00 p.m.	1.1592
12.00 p.m. - 01.00 p.m.	1.1926
01.00 p.m. - 02.00 p.m.	1.1397
8 Hour Average	1.1385
1 Hour Maximum	1.1926
1 Hour Minimum	0.9496
Standard 8 Hour Averages	9
Standard 1 Hour	30

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

Remark : Model and Serial No. ; 48C and 48C-67530-357  
 Calibration Gas Cylinder I.D. ; EB0129027  
 Concentration (ppm) ; 4.525  
 Expiration Date ;

## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท เรชา เอสเตท จำกัด  
Project Name : โครงการ Hotel Indigo Thonglor  
Address Project : ซอยสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา  
กรุงเทพมหานคร  
Sampling Point : โรงเรียนปทุมคงคา  
GPS. Coordinate : 47 P 671029 E 1517168 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68010  
Sample No. : S68010/5  
Sample Type : Ambient Air  
Sampling Date : 17 – 18 April 2025  
Received Date : 21 April 2025  
Analytical Date : 21 – 23 April 2025  
Report Date : 24 April 2025  
Measurement Method : Non-Dispersive Infrared Detection

Interval Time	Result (ppm)
	Carbon Monoxide (CO)
02.00 p.m. - 03.00 p.m.	0.9583
03.00 p.m. - 04.00 p.m.	0.9475
04.00 p.m. - 05.00 p.m.	0.9521
05.00 p.m. - 06.00 p.m.	0.9360
06.00 p.m. - 07.00 p.m.	0.9124
07.00 p.m. - 08.00 p.m.	0.9042
08.00 p.m. - 09.00 p.m.	0.9153
09.00 p.m. - 10.00 p.m.	0.9223
10.00 p.m. - 11.00 p.m.	0.9073
11.00 p.m. - 12.00 a.m.	0.8796
12.00 a.m. - 01.00 a.m.	0.8952
01.00 a.m. - 02.00 a.m.	0.8476
02.00 a.m. - 03.00 a.m.	0.8693
03.00 a.m. - 04.00 a.m.	0.8582
04.00 a.m. - 05.00 a.m.	0.8782
05.00 a.m. - 06.00 a.m.	0.8954
06.00 a.m. - 07.00 a.m.	0.8997
07.00 a.m. - 08.00 a.m.	0.9063
08.00 a.m. - 09.00 a.m.	0.9154
09.00 a.m. - 10.00 a.m.	0.9276
10.00 a.m. - 11.00 a.m.	0.9569
11.00 a.m. - 12.00 p.m.	0.9481
12.00 p.m. - 01.00 p.m.	0.9273
01.00 p.m. - 02.00 p.m.	0.9360
<b>8 Hour Average</b>	<b>0.9310</b>
<b>1 Hour Maximum</b>	<b>0.9583</b>
<b>1 Hour Minimum</b>	<b>0.8476</b>
<b>Standard 8 Hour Averages</b>	<b>9</b>
<b>Standard 1 Hour</b>	<b>30</b>

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

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



## ANALYSIS REPORT

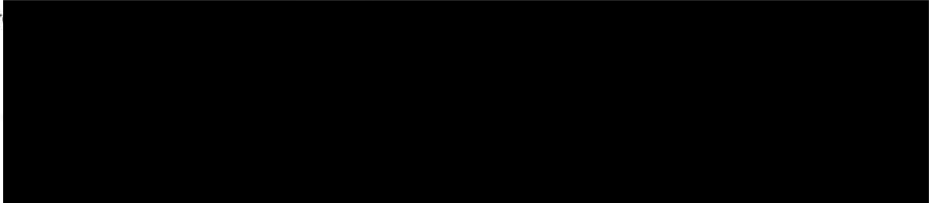
### Data Provided by Customer

Customer Name : บริษัท เรชา เอสเตท จำกัด  
 Project Name : โครงการ Hotel Indigo Thonglor  
 Address Project : ซอยสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา  
 กรุงเทพมหานคร  
 Sampling Point : บริเวณพื้นที่โครงการ  
 GPS. Coordinate : 47 P 670669 E 1517824 N  
 Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68010  
 Sample No. : S68010/2  
 Sample Type : Ambient Air  
 Sampling Date : 18 – 19 April 2025  
 Received Date : 22 April 2025  
 Analytical Date : 22 – 24 April 2025  
 Report Date : 25 April 2025  
 Measurement Method : Chemiluminescence

Interval Time	Result (ppm)
	Nitrogen Dioxide (NO <sub>2</sub> )
02.00 p.m. - 03.00 p.m.	0.0183
03.00 p.m. - 04.00 p.m.	0.0195
04.00 p.m. - 05.00 p.m.	0.0173
05.00 p.m. - 06.00 p.m.	0.0164
06.00 p.m. - 07.00 p.m.	0.0166
07.00 p.m. - 08.00 p.m.	0.0195
08.00 p.m. - 09.00 p.m.	0.0156
09.00 p.m. - 10.00 p.m.	0.0165
10.00 p.m. - 11.00 p.m.	0.0172
11.00 p.m. - 12.00 a.m.	0.0174
12.00 a.m. - 01.00 a.m.	0.0183
01.00 a.m. - 02.00 a.m.	0.0156
02.00 a.m. - 03.00 a.m.	0.0148
03.00 a.m. - 04.00 a.m.	0.0162
04.00 a.m. - 05.00 a.m.	0.0164
05.00 a.m. - 06.00 a.m.	0.0183
06.00 a.m. - 07.00 a.m.	0.0174
07.00 a.m. - 08.00 a.m.	0.0193
08.00 a.m. - 09.00 a.m.	0.0216
09.00 a.m. - 10.00 a.m.	0.0225
10.00 a.m. - 11.00 a.m.	0.0193
11.00 a.m. - 12.00 p.m.	0.0216
12.00 p.m. - 01.00 p.m.	0.0201
01.00 p.m. - 02.00 p.m.	0.0195
<b>24 Hour Average</b>	<b>0.0181</b>
<b>1 Hour Maximum</b>	<b>0.0225</b>
<b>1 Hour Minimum</b>	<b>0.0148</b>
<b>Standard 1 Hour Averages</b>	<b>0.17</b>

Standard : Notification of the National Environment Committee Issue 33 B.E. 2552 (2009), The Standard Level of Nitrogen dioxide in the generic atmosphere.  
 Remark : Model and Serial No. ; 42C and 42C-59194-321  
 Calibration Gas Cylinder I.D. ; EB0129027  
 Concentration (ppm) ; 55.47  
 Expiration Date : 

## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท เรखा เอสเตท จำกัด  
 Project Name : โครงการ Hotel Indigo Thonglor  
 Address Project : ซอยสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา  
 กรุงเทพมหานคร  
 Sampling Point : บริเวณพื้นที่โครงการ  
 GPS. Coordinate : 47 P 670669 E 1517824 N  
 Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68010  
 Sample No. : S68010/3  
 Sample Type : Ambient Air  
 Sampling Date : 19 – 20 April 2025  
 Received Date : 22 April 2025  
 Analytical Date : 22 – 24 April 2025  
 Report Date : 25 April 2025  
 Measurement Method : Chemiluminescence

Interval Time	Result (ppm)
	Nitrogen Dioxide (NO <sub>2</sub> )
02.00 p.m. - 03.00 p.m.	0.0198
03.00 p.m. - 04.00 p.m.	0.0204
04.00 p.m. - 05.00 p.m.	0.0221
05.00 p.m. - 06.00 p.m.	0.0172
06.00 p.m. - 07.00 p.m.	0.0174
07.00 p.m. - 08.00 p.m.	0.0203
08.00 p.m. - 09.00 p.m.	0.0191
09.00 p.m. - 10.00 p.m.	0.0200
10.00 p.m. - 11.00 p.m.	0.0207
11.00 p.m. - 12.00 a.m.	0.0158
12.00 a.m. - 01.00 a.m.	0.0167
01.00 a.m. - 02.00 a.m.	0.0140
02.00 a.m. - 03.00 a.m.	0.0132
03.00 a.m. - 04.00 a.m.	0.0146
04.00 a.m. - 05.00 a.m.	0.0148
05.00 a.m. - 06.00 a.m.	0.0167
06.00 a.m. - 07.00 a.m.	0.0158
07.00 a.m. - 08.00 a.m.	0.0177
08.00 a.m. - 09.00 a.m.	0.0208
09.00 a.m. - 10.00 a.m.	0.0217
10.00 a.m. - 11.00 a.m.	0.0185
11.00 a.m. - 12.00 p.m.	0.0208
12.00 p.m. - 01.00 p.m.	0.0193
01.00 p.m. - 02.00 p.m.	0.0187
<b>24 Hour Average</b>	<b>0.0182</b>
<b>1 Hour Maximum</b>	<b>0.0221</b>
<b>1 Hour Minimum</b>	<b>0.0132</b>
<b>Standard 1 Hour Averages</b>	<b>0.17</b>

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

Remark : Model and Serial No. ; 42C and 42C-59194-321

Calibration Gas Cylinder I.D. ; EB0129027

Concentration (ppm) ; 55.47

Exp



## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท เรชา เอสเตท จำกัด  
Project Name : โครงการ Hotel Indigo Thonglor  
Address Project : ซอยสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา  
กรุงเทพมหานคร  
Sampling Point : บริเวณพื้นที่โครงการ  
GPS. Coordinate : 47 P 670669 E 1517824 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68010  
Sample No. : S68010/4  
Sample Type : Ambient Air  
Sampling Date : 20 - 21 April 2025  
Received Date : 22 April 2025  
Analytical Date : 22 - 24 April 2025  
Report Date : 25 April 2025  
Measurement Method : Chemiluminescence

Interval Time	Result (ppm)
	Nitrogen Dioxide (NO <sub>2</sub> )
02.00 p.m. - 03.00 p.m.	0.0225
03.00 p.m. - 04.00 p.m.	0.0196
04.00 p.m. - 05.00 p.m.	0.0215
05.00 p.m. - 06.00 p.m.	0.0206
06.00 p.m. - 07.00 p.m.	0.0208
07.00 p.m. - 08.00 p.m.	0.0237
08.00 p.m. - 09.00 p.m.	0.0198
09.00 p.m. - 10.00 p.m.	0.0207
10.00 p.m. - 11.00 p.m.	0.0214
11.00 p.m. - 12.00 a.m.	0.0168
12.00 a.m. - 01.00 a.m.	0.0177
01.00 a.m. - 02.00 a.m.	0.0150
02.00 a.m. - 03.00 a.m.	0.0142
03.00 a.m. - 04.00 a.m.	0.0156
04.00 a.m. - 05.00 a.m.	0.0158
05.00 a.m. - 06.00 a.m.	0.0177
06.00 a.m. - 07.00 a.m.	0.0168
07.00 a.m. - 08.00 a.m.	0.0187
08.00 a.m. - 09.00 a.m.	0.0210
09.00 a.m. - 10.00 a.m.	0.0219
10.00 a.m. - 11.00 a.m.	0.0198
11.00 a.m. - 12.00 p.m.	0.0221
12.00 p.m. - 01.00 p.m.	0.0206
01.00 p.m. - 02.00 p.m.	0.0200
<b>24 Hour Average</b>	<b>0.0193</b>
<b>1 Hour Maximum</b>	<b>0.0237</b>
<b>1 Hour Minimum</b>	<b>0.0142</b>
<b>Standard 1 Hour Averages</b>	<b>0.17</b>

Standard : Notification of the National Environment Committee Issue 33 B.E. 2552 (2009), The Standard Level of Nitrogen dioxide in the generic atmosphere.  
Remark : Model and Serial No. ; 42C and 42C-59194-321  
Calibration Gas Cylinder I.D. ; EB0129027  
Concentration (ppm) ; 55.47  
Expire Date ; Oct 23, 2027

## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท เรชา เอสเตท จำกัด  
Project Name : โครงการ Hotel Indigo Thonglor  
Address Project : ซอยสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา  
กรุงเทพมหานคร  
Sampling Point : โรงเรียนปทุมคงคา  
GPS. Coordinate : 47 P 671029 E 1517168 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68010  
Sample No. : S68010/5  
Sample Type : Ambient Air  
Sampling Date : 17 – 18 April 2025  
Received Date : 21 April 2025  
Analytical Date : 21 – 23 April 2025  
Report Date : 24 April 2025  
Measurement Method : Chemiluminescence

Interval Time	Result (ppm)
	Nitrogen Dioxide (NO <sub>2</sub> )
02.00 p.m. - 03.00 p.m.	0.0134
03.00 p.m. - 04.00 p.m.	0.0146
04.00 p.m. - 05.00 p.m.	0.0124
05.00 p.m. - 06.00 p.m.	0.0115
06.00 p.m. - 07.00 p.m.	0.0117
07.00 p.m. - 08.00 p.m.	0.0146
08.00 p.m. - 09.00 p.m.	0.0107
09.00 p.m. - 10.00 p.m.	0.0116
10.00 p.m. - 11.00 p.m.	0.0123
11.00 p.m. - 12.00 a.m.	0.0125
12.00 a.m. - 01.00 a.m.	0.0134
01.00 a.m. - 02.00 a.m.	0.0107
02.00 a.m. - 03.00 a.m.	0.0102
03.00 a.m. - 04.00 a.m.	0.0113
04.00 a.m. - 05.00 a.m.	0.0115
05.00 a.m. - 06.00 a.m.	0.0134
06.00 a.m. - 07.00 a.m.	0.0125
07.00 a.m. - 08.00 a.m.	0.0144
08.00 a.m. - 09.00 a.m.	0.0167
09.00 a.m. - 10.00 a.m.	0.0176
10.00 a.m. - 11.00 a.m.	0.0144
11.00 a.m. - 12.00 p.m.	0.0167
12.00 p.m. - 01.00 p.m.	0.0152
01.00 p.m. - 02.00 p.m.	0.0146
<b>24 Hour Average</b>	<b>0.0132</b>
<b>1 Hour Maximum</b>	<b>0.0176</b>
<b>1 Hour Minimum</b>	<b>0.0102</b>
<b>Standard 1 Hour Averages</b>	<b>0.17</b>

Standard : Notification of the National Environment Committee Issue 33 B.E. 2552 (2009), The Standard Level of Nitrogen dioxide in the generic atmosphere.  
Remark : Model and Serial No. ; 42C and 42C-70987-367  
Calibration Gas Cylinder I.D. ; EB0129027  
Concentration (ppm) ; 55.47  
Expire



## ANALYSIS REPORT

**Data Provided by Customer**

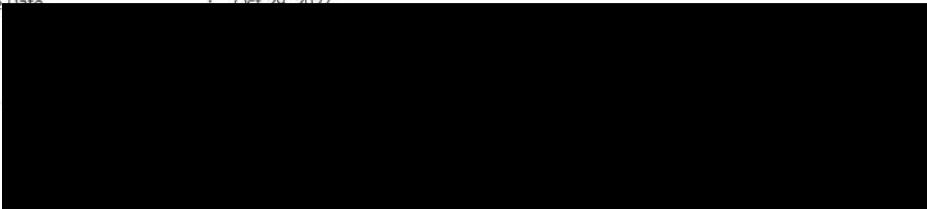
Customer Name : บริษัท เรชา เอสเตท จำกัด  
Project Name : โครงการ Hotel Indigo Thonglor  
Address Project : ซอยสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา  
กรุงเทพมหานคร  
Sampling Point : บริเวณพื้นที่โครงการ  
GPS. Coordinate : 47 P 670669 E 1517824 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

**Data Provided by Laboratory**

Report No. : S68010  
Sample No. : S68010/2  
Sample Type : Ambient Air  
Sampling Date : 18 – 19 April 2025  
Received Date : 22 April 2025  
Analytical Date : 22 – 24 April 2025  
Report Date : 25 April 2025  
Measurement Method : UV Fluorescence

Interval Time	Result (ppm)
	Sulfur Dioxide (SO <sub>2</sub> )
02.00 p.m. - 03.00 p.m.	0.0054
03.00 p.m. - 04.00 p.m.	0.0038
04.00 p.m. - 05.00 p.m.	0.0039
05.00 p.m. - 06.00 p.m.	0.0040
06.00 p.m. - 07.00 p.m.	0.0037
07.00 p.m. - 08.00 p.m.	0.0039
08.00 p.m. - 09.00 p.m.	0.0040
09.00 p.m. - 10.00 p.m.	0.0041
10.00 p.m. - 11.00 p.m.	0.0039
11.00 p.m. - 12.00 a.m.	0.0023
12.00 a.m. - 01.00 a.m.	0.0026
01.00 a.m. - 02.00 a.m.	0.0032
02.00 a.m. - 03.00 a.m.	0.0031
03.00 a.m. - 04.00 a.m.	0.0033
04.00 a.m. - 05.00 a.m.	0.0030
05.00 a.m. - 06.00 a.m.	0.0032
06.00 a.m. - 07.00 a.m.	0.0033
07.00 a.m. - 08.00 a.m.	0.0028
08.00 a.m. - 09.00 a.m.	0.0039
09.00 a.m. - 10.00 a.m.	0.0041
10.00 a.m. - 11.00 a.m.	0.0050
11.00 a.m. - 12.00 p.m.	0.0035
12.00 p.m. - 01.00 p.m.	0.0046
01.00 p.m. - 02.00 p.m.	0.0049
<b>24 Hour Average</b>	<b>0.0037</b>
<b>1 Hour Maximum</b>	<b>0.0054</b>
<b>1 Hour Minimum</b>	<b>0.0023</b>
<b>Standard 24 Hour Averages <sup>1/</sup></b>	<b>0.12</b>
<b>Standard 1 Hour <sup>2/</sup></b>	<b>0.30</b>

Standard : <sup>1/</sup> Notification of the National Environment Committee Issue 24 B.E. 2547 (2004), The Standard Level of Air Quality in the generic atmosphere  
: <sup>2/</sup> Notification of the National Environment Board, No.24, B.E. 2547 (2004), dated August9, B.E. 2547 (2004), which was published in the Royal Government Gazette Vol.121 Part 104D dated September 22, B.E. 2547 (2004).  
Remark : Model and Serial No. : 43C and 43C-0427408948  
Calibration Gas Cylinder I.D. : EB0129027  
Concentration (ppm) : 55.11  
Expire Date : Oct 29, 2027



## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท เรชา เอสเตท จำกัด  
 Project Name : โครงการ Hotel Indigo Thonglor  
 Address Project : ซอยสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา  
 กรุงเทพมหานคร  
 Sampling Point : บริเวณพื้นที่โครงการ  
 GPS. Coordinate : 47 P 670669 E 1517824 N  
 Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68010  
 Sample No. : S68010/3  
 Sample Type : Ambient Air  
 Sampling Date : 19 – 20 April 2025  
 Received Date : 22 April 2025  
 Analytical Date : 22 – 24 April 2025  
 Report Date : 25 April 2025  
 Measurement Method : UV Fluorescence

Interval Time	Result (ppm)
	Sulfur Dioxide (SO <sub>2</sub> )
02.00 p.m. - 03.00 p.m.	0.0045
03.00 p.m. - 04.00 p.m.	0.0053
04.00 p.m. - 05.00 p.m.	0.0047
05.00 p.m. - 06.00 p.m.	0.0036
06.00 p.m. - 07.00 p.m.	0.0033
07.00 p.m. - 08.00 p.m.	0.0030
08.00 p.m. - 09.00 p.m.	0.0031
09.00 p.m. - 10.00 p.m.	0.0032
10.00 p.m. - 11.00 p.m.	0.0030
11.00 p.m. - 12.00 a.m.	0.0026
12.00 a.m. - 01.00 a.m.	0.0029
01.00 a.m. - 02.00 a.m.	0.0035
02.00 a.m. - 03.00 a.m.	0.0028
03.00 a.m. - 04.00 a.m.	0.0030
04.00 a.m. - 05.00 a.m.	0.0032
05.00 a.m. - 06.00 a.m.	0.0024
06.00 a.m. - 07.00 a.m.	0.0027
07.00 a.m. - 08.00 a.m.	0.0031
08.00 a.m. - 09.00 a.m.	0.0038
09.00 a.m. - 10.00 a.m.	0.0042
10.00 a.m. - 11.00 a.m.	0.0038
11.00 a.m. - 12.00 p.m.	0.0057
12.00 p.m. - 01.00 p.m.	0.0039
01.00 p.m. - 02.00 p.m.	0.0037
<b>24 Hour Average</b>	<b>0.0035</b>
<b>1 Hour Maximum</b>	<b>0.0057</b>
<b>1 Hour Minimum</b>	<b>0.0024</b>
<b>Standard 24 Hour Averages <sup>1/</sup></b>	<b>0.12</b>
<b>Standard 1 Hour <sup>2/</sup></b>	<b>0.30</b>

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

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

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



## ANALYSIS REPORT

**Data Provided by Customer**

**Customer Name :** บริษัท เรชา เอสเตท จำกัด  
**Project Name :** โครงการ Hotel Indigo Thonglor  
**Address Project :** ซอยสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา กรุงเทพมหานคร  
**Sampling Point :** บริเวณพื้นที่โครงการ  
**GPS. Coordinate :** 47 P 670669 E 1517824 N  
**Measurement By :** TNP ENVIRONMENT CO.,LTD.

**Data Provided by Laboratory**

**Report No. :** S68010  
**Sample No. :** S68010/4  
**Sample Type :** Ambient Air  
**Sampling Date :** 20 – 21 April 2025  
**Received Date :** 22 April 2025  
**Analytical Date :** 22 – 24 April 2025  
**Report Date :** 25 April 2025  
**Measurement Method :** UV Fluorescence

Interval Time	Result (ppm)
	Sulfur Dioxide (SO <sub>2</sub> )
02.00 p.m. - 03.00 p.m.	0.0045
03.00 p.m. - 04.00 p.m.	0.0042
04.00 p.m. - 05.00 p.m.	0.0049
05.00 p.m. - 06.00 p.m.	0.0044
06.00 p.m. - 07.00 p.m.	0.0041
07.00 p.m. - 08.00 p.m.	0.0038
08.00 p.m. - 09.00 p.m.	0.0039
09.00 p.m. - 10.00 p.m.	0.0038
10.00 p.m. - 11.00 p.m.	0.0036
11.00 p.m. - 12.00 a.m.	0.0027
12.00 a.m. - 01.00 a.m.	0.0030
01.00 a.m. - 02.00 a.m.	0.0036
02.00 a.m. - 03.00 a.m.	0.0029
03.00 a.m. - 04.00 a.m.	0.0031
04.00 a.m. - 05.00 a.m.	0.0033
05.00 a.m. - 06.00 a.m.	0.0025
06.00 a.m. - 07.00 a.m.	0.0028
07.00 a.m. - 08.00 a.m.	0.0032
08.00 a.m. - 09.00 a.m.	0.0041
09.00 a.m. - 10.00 a.m.	0.0029
10.00 a.m. - 11.00 a.m.	0.0036
11.00 a.m. - 12.00 p.m.	0.0040
12.00 p.m. - 01.00 p.m.	0.0039
01.00 p.m. - 02.00 p.m.	0.0037
<b>24 Hour Average</b>	<b>0.0036</b>
<b>1 Hour Maximum</b>	<b>0.0049</b>
<b>1 Hour Minimum</b>	<b>0.0025</b>
<b>Standard 24 Hour Averages <sup>1/</sup></b>	<b>0.12</b>
<b>Standard 1 Hour <sup>2/</sup></b>	<b>0.30</b>

**Standard :** <sup>1/</sup> Notification of the National Environment Committee Issue 24 B.E. 2547 (2004), The Standard Level of Air Quality in the generic atmosphere  
<sup>2/</sup> Notification of the National Environment Board, No.24, B.E. 2547 (2004), dated August 9, B.E. 2547 (2004), which was published in the Royal Government Gazette Vol.121 Part 104D dated September 22, B.E. 2547 (2004).  
**Remark :** Model and Serial No. ; 43C and 43C-0427408948  
Calibration Gas Cylinder I.D. ; EB0129027  
Concentration (ppm) ; 55.11  
Expire Date ; Oct 28, 2027

## ANALYSIS REPORT

**Data Provided by Customer**

Customer Name : บริษัท เรชา เอสเตท จำกัด  
Project Name : โครงการ Hotel Indigo Thonglor  
Address Project : ซอยสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา  
กรุงเทพมหานคร  
Sampling Point : โรงเรียนปทุมคงคา  
GPS. Coordinate : 47 P 671029 E 1517168 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

**Data Provided by Laboratory**

Report No. : S68010  
Sample No. : S68010/5  
Sample Type : Ambient Air  
Sampling Date : 17 – 18 April 2025  
Received Date : 21 April 2025  
Analytical Date : 21 – 23 April 2025  
Report Date : 24 April 2025  
Measurement Method : UV Fluorescence

Interval Time	Result (ppm)
	Sulfur Dioxide (SO <sub>2</sub> )
02.00 p.m. - 03.00 p.m.	0.0022
03.00 p.m. - 04.00 p.m.	0.0021
04.00 p.m. - 05.00 p.m.	0.0020
05.00 p.m. - 06.00 p.m.	0.0020
06.00 p.m. - 07.00 p.m.	0.0023
07.00 p.m. - 08.00 p.m.	0.0021
08.00 p.m. - 09.00 p.m.	0.0020
09.00 p.m. - 10.00 p.m.	0.0019
10.00 p.m. - 11.00 p.m.	0.0017
11.00 p.m. - 12.00 a.m.	0.0018
12.00 a.m. - 01.00 a.m.	0.0018
01.00 a.m. - 02.00 a.m.	0.0016
02.00 a.m. - 03.00 a.m.	0.0015
03.00 a.m. - 04.00 a.m.	0.0017
04.00 a.m. - 05.00 a.m.	0.0019
05.00 a.m. - 06.00 a.m.	0.0018
06.00 a.m. - 07.00 a.m.	0.0020
07.00 a.m. - 08.00 a.m.	0.0021
08.00 a.m. - 09.00 a.m.	0.0019
09.00 a.m. - 10.00 a.m.	0.0023
10.00 a.m. - 11.00 a.m.	0.0022
11.00 a.m. - 12.00 p.m.	0.0020
12.00 p.m. - 01.00 p.m.	0.0021
01.00 p.m. - 02.00 p.m.	0.0022
<b>24 Hour Average</b>	<b>0.0020</b>
<b>1 Hour Maximum</b>	<b>0.0023</b>
<b>1 Hour Minimum</b>	<b>0.0015</b>
<b>Standard 24 Hour Averages <sup>1/</sup></b>	<b>0.12</b>
<b>Standard 1 Hour <sup>2/</sup></b>	<b>0.30</b>

Standard : <sup>1/</sup> Notification of the National Environment Committee Issue 24 B.E. 2547 (2004), The Standard Level of Air Quality in the generic atmosphere  
: <sup>2/</sup> Notification of the National Environment Board, No.24, B.E. 2547 (2004), dated August9, B.E. 2547 (2004), which was published in the Royal Government Gazette Vol.121 Part 104D dated September 22, B.E. 2547 (2004).  
Remark : Model and Serial No. ; 43C and 43C-71079-367  
Calibration Gas Cylinder I.D. ; EB0129027  
Concentration (ppm) ; 55.11  
Expire Date ; Oct 28, 2027



## ANALYSIS REPORT

### Data Provided by Customer

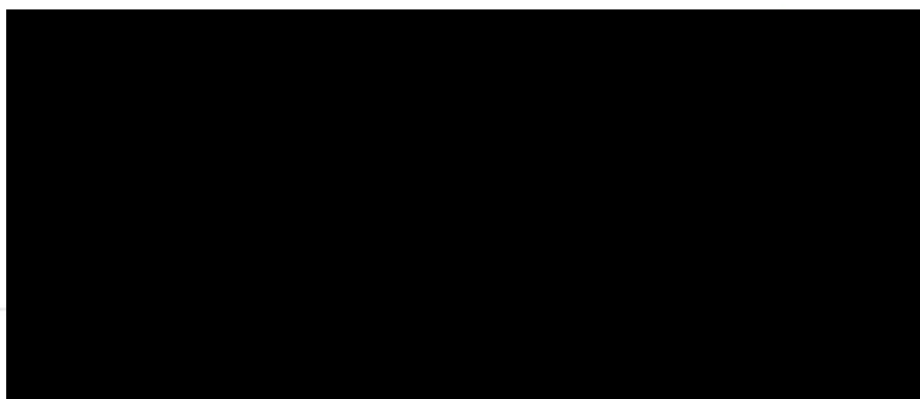
Customer Name : บริษัท เรชา เอสเตท จำกัด  
Project Name : โครงการ Hotel Indigo Thonglor  
Address Project : ซอยสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา  
กรุงเทพมหานคร  
Sampling Point : บริเวณพื้นที่โครงการ  
GPS. Coordinate : 47 P 670669 E 1517824 N  
Sampling By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68010  
Sample Type : Ambient Air  
Sampling Date : 19 – 21 April 2025  
Sampling Time : 02.00 p.m.  
Received Date : 23 April 2025  
Analytical Date : 23 April – 05 May 2025  
Report Date : 06 May 2025  
Sampling Method : Flame Ionization Detection

Sampling No.	Date	Result (ppm)		
		Methane	Non-Methane	Total Hydrocarbon
S68010/2	19/04/2025	0.818	1.281	2.099
S68010/3	20/04/2025	0.836	1.295	2.131
S68010/4	21/04/2025	0.823	1.277	2.100

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





TNP ENVIRONMENT CO.,LTD.

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

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

## ANALYSIS REPORT

### Data Provided by Customer

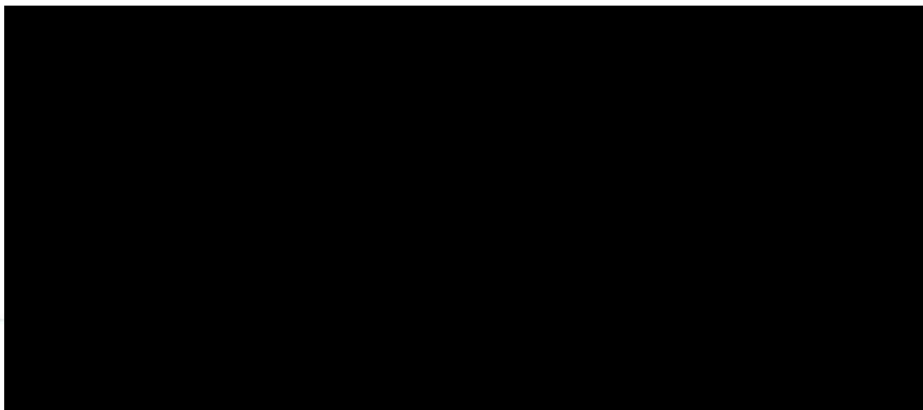
Customer Name : บริษัท เรชา เอสเตท จำกัด  
Project Name : โครงการ Hotel Indigo Thonglor  
Address Project : ซอยสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา  
กรุงเทพมหานคร  
Sampling Point : โรงเรียนปทุมคงคา  
GPS. Coordinate : 47 P 671029 E 1517168 N  
Sampling By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68010  
Sample Type : Ambient Air  
Sampling Date : 18 April 2025  
Sampling Time : 02.00 p.m.  
Received Date : 23 April 2023  
Analytical Date : 23 April – 05 May 2025  
Report Date : 06 May 2025  
Sampling Method : High-Volume Air Sampler

Sampling No.	Date	Result (ppm)		
		Methane	Non-Methane	Total Hydrocarbon
S68010/5	18/04/2025	0.794	1.284	2.078

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





## ANALYSIS REPORT

**Data Provided by Customer**

Customer Name : บริษัท เรชา เอสเตท จำกัด  
Project Name : โครงการ Hotel Indigo Thonglor  
Address Project : ซอยสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา  
กรุงเทพมหานคร  
Sampling Point : บริเวณพื้นที่โครงการ  
GPS. Coordinate : 47 P 670673 E 1517846 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

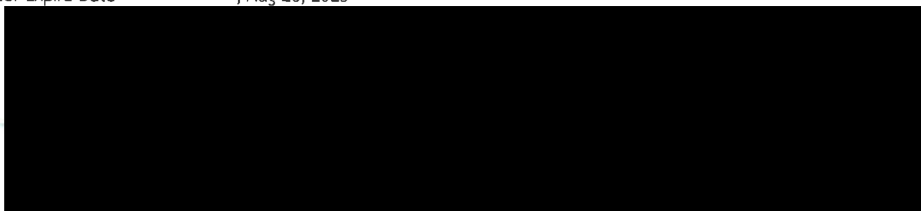
**Data Provided by Laboratory**

Report No. : S68010  
Sample No. : S68010/2  
Sample Type : Sound Level  
Sampling Date : 18 – 19 April 2025  
Received Date : 22 April 2025  
Analytical Date : 22 – 24 April 2025  
Report Date : 25 April 2025  
Measurement Method : Sound Level Meter

Interval Time	Result (dB(A))			
	Leq	Lmax	L10	L90
02.00 p.m. - 03.00 p.m.	66.9	91.9	68.5	65.1
03.00 p.m. - 04.00 p.m.	71.7	91.5	74.3	68.5
04.00 p.m. - 05.00 p.m.	67.5	85.6	70.1	65.2
05.00 p.m. - 06.00 p.m.	66.7	83.4	67.9	64.7
06.00 p.m. - 07.00 p.m.	67.1	88.1	69.3	65.8
07.00 p.m. - 08.00 p.m.	67.3	97.6	69.8	64.2
08.00 p.m. - 09.00 p.m.	64.7	83.4	67.4	61.4
09.00 p.m. - 10.00 p.m.	65.0	82.7	67.3	63.9
10.00 p.m. - 11.00 p.m.	64.7	86.8	67.0	62.8
11.00 p.m. - 12.00 a.m.	64.1	82.9	66.1	61.4
12.00 a.m. - 01.00 a.m.	64.9	83.2	67.4	62.8
01.00 a.m. - 02.00 a.m.	62.4	83.8	63.9	60.7
02.00 a.m. - 03.00 a.m.	60.2	79.7	62.3	58.7
03.00 a.m. - 04.00 a.m.	60.0	78.9	62.5	57.4
04.00 a.m. - 05.00 a.m.	62.5	86.2	64.7	60.1
05.00 a.m. - 06.00 a.m.	62.7	80.1	65.5	60.9
06.00 a.m. - 07.00 a.m.	65.3	87.2	67.7	63.3
07.00 a.m. - 08.00 a.m.	67.2	103.4	69.2	65.2
08.00 a.m. - 09.00 a.m.	71.4	107.4	73.6	69.5
09.00 a.m. - 10.00 a.m.	70.4	98.0	72.5	68.1
10.00 a.m. - 11.00 a.m.	68.5	98.0	70.1	66.7
11.00 a.m. - 12.00 p.m.	69.8	97.6	72.6	67.1
12.00 p.m. - 01.00 p.m.	66.5	100.1	68.5	64.5
01.00 p.m. - 02.00 p.m.	66.8	98.9	69.2	63.2
<b>24 Hours Average</b>	<b>67.1</b>	<b>-</b>	<b>72.6</b>	<b>60.3</b>
<b>Lmax</b>	<b>-</b>	<b>107.4</b>	<b>-</b>	<b>-</b>
<b>Standard</b>	<b>≤70</b>	<b>≤115</b>	<b>-</b>	<b>-</b>
<b>Ldn</b>	<b>70.9</b>	<b>-</b>	<b>-</b>	<b>-</b>

**Standard** : Notification of the National Environment Board, No.15, B.E. 2540 (1997), dated March 12, B.E. 2540 (1997), which was published in the Royal Government Gazette, Vol.114, Part 27D dated April 3, B.E. 2540 (1997).

**Remark** : SLM Model and Serial No. ; ST-25D and 10340945  
Calibrator Model and Serial No. ; KSM-42C and S/N 160100568  
Calibrator Expire Date ; Aug 26, 2025



## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท เรชา เอสเตท จำกัด  
 Project Name : โครงการ Hotel Indigo Thonglor  
 Address Project : ซอยสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา  
 กรุงเทพมหานคร  
 Sampling Point : บริเวณพื้นที่โครงการ  
 GPS. Coordinate : 47 P 670673 E 1517846 N  
 Measurement By : TNP ENVIRONMENT CO.,LTD.

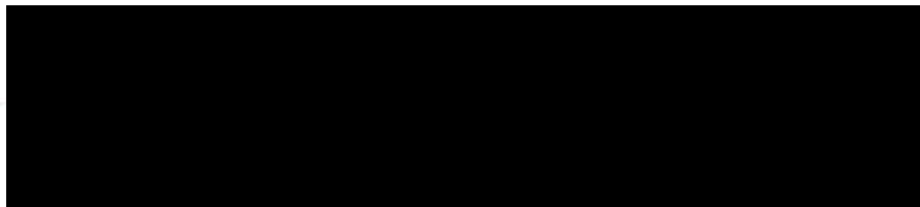
### Data Provided by Laboratory

Report No. : S68010  
 Sample No. : S68010/3  
 Sample Type : Sound Level  
 Sampling Date : 19 – 20 April 2025  
 Received Date : 22 April 2025  
 Analytical Date : 22 – 24 April 2025  
 Report Date : 25 April 2025  
 Measurement Method : Sound Level Meter

Interval Time	Result (dB(A))			
	Leq	Lmax	L10	L90
02.00 p.m. - 03.00 p.m.	60.9	83.0	64.2	58.7
03.00 p.m. - 04.00 p.m.	56.4	73.8	57.7	54.7
04.00 p.m. - 05.00 p.m.	57.0	76.6	58.4	54.9
05.00 p.m. - 06.00 p.m.	56.5	78.4	57.9	54.6
06.00 p.m. - 07.00 p.m.	56.3	77.8	57.8	54.3
07.00 p.m. - 08.00 p.m.	58.8	74.7	59.8	57.3
08.00 p.m. - 09.00 p.m.	58.8	73.8	60.0	57.0
09.00 p.m. - 10.00 p.m.	57.9	71.8	59.0	56.2
10.00 p.m. - 11.00 p.m.	57.0	78.2	59.8	55.8
11.00 p.m. - 12.00 a.m.	56.7	74.0	58.2	55.7
12.00 a.m. - 01.00 a.m.	56.7	75.7	58.2	55.7
01.00 a.m. - 02.00 a.m.	57.2	76.3	59.1	55.2
02.00 a.m. - 03.00 a.m.	56.4	77.5	58.4	54.3
03.00 a.m. - 04.00 a.m.	56.7	73.9	59.6	55.7
04.00 a.m. - 05.00 a.m.	57.1	70.2	58.2	56.0
05.00 a.m. - 06.00 a.m.	57.5	70.8	59.6	56.5
06.00 a.m. - 07.00 a.m.	59.7	82.9	61.7	57.4
07.00 a.m. - 08.00 a.m.	59.5	78.8	61.2	57.5
08.00 a.m. - 09.00 a.m.	60.9	79.3	64.0	57.6
09.00 a.m. - 10.00 a.m.	63.7	84.3	66.0	61.8
10.00 a.m. - 11.00 a.m.	63.9	88.3	65.7	61.3
11.00 a.m. - 12.00 p.m.	60.6	81.1	63.7	58.0
12.00 p.m. - 01.00 p.m.	56.3	80.1	60.1	54.3
01.00 p.m. - 02.00 p.m.	63.4	81.8	66.8	61.9
<b>24 Hours Average</b>	<b>59.4</b>	<b>-</b>	<b>65.3</b>	<b>54.4</b>
<b>Lmax</b>	<b>-</b>	<b>88.3</b>	<b>-</b>	<b>-</b>
<b>Standard</b>	<b>≤70</b>	<b>≤115</b>	<b>-</b>	<b>-</b>
<b>Ldn</b>	<b>64.3</b>	<b>-</b>	<b>-</b>	<b>-</b>

**Standard** : Notification of the National Environment Board, No.15, B.E. 2540 (1997), dated March 12, B.E. 2540 (1997), which was published in the Royal Government Gazette, Vol.114, Part 27D dated April 3, B.E. 2540 (1997).

**Remark** : SLM Model and Serial No. ; ST-25D and 10340945  
 Calibrator Model and Serial No. ; KSM-42C and S/N 160100568  
 Calibrator Expire Date ; Aug 26, 2025





## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท เรชา เอสเตท จำกัด  
Project Name : โครงการ Hotel Indigo Thonglor  
Address Project : ซอยสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา  
กรุงเทพมหานคร  
Sampling Point : บริเวณพื้นที่โครงการ  
GPS. Coordinate : 47 P 670673 E 1517846 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68010  
Sample No. : S68010/4  
Sample Type : Sound Level  
Sampling Date : 20 - 21 April 2025  
Received Date : 22 April 2025  
Analytical Date : 22 - 24 April 2025  
Report Date : 25 April 2025  
Measurement Method : Sound Level Meter

Interval Time	Result (dB(A))			
	Leq	Lmax	L10	L90
02.00 p.m. - 03.00 p.m.	61.6	82.9	62.7	58.4
03.00 p.m. - 04.00 p.m.	61.1	81.2	62.3	58.7
04.00 p.m. - 05.00 p.m.	61.1	80.1	63.3	58.4
05.00 p.m. - 06.00 p.m.	59.9	78.7	60.9	58.2
06.00 p.m. - 07.00 p.m.	60.6	74.3	62.8	58.7
07.00 p.m. - 08.00 p.m.	60.1	73.4	63.8	58.4
08.00 p.m. - 09.00 p.m.	60.0	78.5	62.4	58.2
09.00 p.m. - 10.00 p.m.	60.2	81.8	62.9	57.9
10.00 p.m. - 11.00 p.m.	59.2	76.9	60.5	55.8
11.00 p.m. - 12.00 a.m.	57.2	73.9	58.9	54.2
12.00 a.m. - 01.00 a.m.	56.8	75.1	59.6	53.9
01.00 a.m. - 02.00 a.m.	55.7	73.3	57.3	52.7
02.00 a.m. - 03.00 a.m.	55.2	71.6	56.9	52.3
03.00 a.m. - 04.00 a.m.	55.4	72.8	56.8	51.7
04.00 a.m. - 05.00 a.m.	61.0	86.2	63.3	58.5
05.00 a.m. - 06.00 a.m.	60.5	83.4	62.2	57.4
06.00 a.m. - 07.00 a.m.	61.7	89.9	63.3	59.6
07.00 a.m. - 08.00 a.m.	64.7	101.0	67.8	63.2
08.00 a.m. - 09.00 a.m.	65.3	85.8	68.5	63.2
09.00 a.m. - 10.00 a.m.	64.8	87.7	67.6	62.5
10.00 a.m. - 11.00 a.m.	64.6	84.7	67.3	61.4
11.00 a.m. - 12.00 p.m.	62.2	85.1	63.7	60.5
12.00 p.m. - 01.00 p.m.	59.3	99.4	61.5	57.2
01.00 p.m. - 02.00 p.m.	60.5	96.3	62.7	58.2
<b>24 Hours Average</b>	<b>61.2</b>	<b>-</b>	<b>67.5</b>	<b>53.1</b>
<b>Lmax</b>	<b>-</b>	<b>101.0</b>	<b>-</b>	<b>-</b>
<b>Standard</b>	<b>≤70</b>	<b>≤115</b>	<b>-</b>	<b>-</b>
<b>Ldn</b>	<b>65.9</b>	<b>-</b>	<b>-</b>	<b>-</b>

**Standard** : Notification of the National Environment Board, No.15, B.E. 2540 (1997), dated March 12, B.E. 2540 (1997), which was published in the Royal Government Gazette, Vol.114, Part 27D dated April 3, B.E. 2540 (1997).

**Remark** : SLM Model and Serial No. : ST-25D and 10340945  
Calibrator Model and Serial No. : KSM-42C and S/N 160100568  
Calibrator Expire Date : Aug 26, 2025

## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท เรชา เอสเตท จำกัด  
 Project Name : โครงการ Hotel Indigo Thonglor  
 Address Project : ซอยสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา  
 กรุงเทพมหานคร  
 Sampling Point : โรงเรียนปทุมคงคา  
 GPS. Coordinate : 47 P 671034 E 1517169 N  
 Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68010  
 Sample No. : S68010/5  
 Sample Type : Sound Level  
 Sampling Date : 17 – 18 April 2025  
 Received Date : 21 April 2025  
 Analytical Date : 21 – 23 April 2025  
 Report Date : 24 April 2025  
 Measurement Method : Sound Level Meter

Interval Time	Result (dB(A))			
	Leq	Lmax	L10	L90
02.00 p.m. - 03.00 p.m.	60.2	86.9	62.8	58.5
03.00 p.m. - 04.00 p.m.	64.2	93.6	67.0	62.5
04.00 p.m. - 05.00 p.m.	60.4	96.1	61.8	58.8
05.00 p.m. - 06.00 p.m.	61.1	79.8	63.2	58.8
06.00 p.m. - 07.00 p.m.	57.3	74.3	59.3	56.0
07.00 p.m. - 08.00 p.m.	61.0	79.9	63.4	59.6
08.00 p.m. - 09.00 p.m.	56.5	79.7	58.2	55.2
09.00 p.m. - 10.00 p.m.	55.5	75.2	56.5	54.1
10.00 p.m. - 11.00 p.m.	55.2	76.3	57.2	53.8
11.00 p.m. - 12.00 a.m.	57.5	74.4	59.6	55.5
12.00 a.m. - 01.00 a.m.	57.3	78.9	59.1	54.1
01.00 a.m. - 02.00 a.m.	56.0	71.9	58.8	53.2
02.00 a.m. - 03.00 a.m.	54.4	74.0	56.1	53.4
03.00 a.m. - 04.00 a.m.	54.5	77.2	55.6	53.5
04.00 a.m. - 05.00 a.m.	55.0	78.8	56.1	53.7
05.00 a.m. - 06.00 a.m.	55.4	72.3	57.8	54.2
06.00 a.m. - 07.00 a.m.	55.2	74.8	58.9	54.0
07.00 a.m. - 08.00 a.m.	57.1	79.2	59.2	54.5
08.00 a.m. - 09.00 a.m.	56.5	79.8	57.6	54.9
09.00 a.m. - 10.00 a.m.	59.9	79.9	61.7	56.6
10.00 a.m. - 11.00 a.m.	60.4	78.0	62.5	57.1
11.00 a.m. - 12.00 p.m.	61.0	81.1	63.3	59.6
12.00 p.m. - 01.00 p.m.	56.0	81.4	58.6	54.1
01.00 p.m. - 02.00 p.m.	59.0	89.4	61.3	57.4
<b>24 Hours Average</b>	<b>58.6</b>	<b>-</b>	<b>63.3</b>	<b>53.6</b>
<b>Lmax</b>	<b>-</b>	<b>96.1</b>	<b>-</b>	<b>-</b>
<b>Standard</b>	<b>≤70</b>	<b>≤115</b>	<b>-</b>	<b>-</b>
<b>Ldn</b>	<b>63.0</b>	<b>-</b>	<b>-</b>	<b>-</b>

**Standard** : Notification of the National Environment Board, No.15, B.E. 2540 (1997), dated March 12, B.E. 2540 (1997), which was published in the Royal Government Gazette, Vol.114, Part 27D dated April 3, B.E. 2540 (1997).

**Remark** : SLM Model and Serial No. ; ST-25D and 10340943  
 Calibrator Model and Serial No. ; KSM-42C and S/N 160100568  
 Calibrator Expire Date ; Aug 26, 2025



## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท เรชา เอสเตท จำกัด  
 Project Name : โครงการ Hotel Indigo Thonglor  
 Address Project : ซอยสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา  
 กรุงเทพมหานคร  
 Sampling Point : บริเวณพื้นที่โครงการ  
 GPS. Coordinate : 47 P 670673 E 1517846 N  
 Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68010  
 Sample Type : Annoyance Level  
 Sampling Date : 18 – 21 April 2025  
 Received Date : 22 April 2025  
 Analytical Date : 22 – 24 April 2025  
 Report Date : 25 April 2025  
 Measurement Method : Sound Level Meter

Sample No.	Sampling Date	Specific Noise Level : $L_{eq}$	Residual Noise Level : $L_{eq}$	Background Noise Level : $L_{90}$	The Values of Annoyance Level	Standard
S68010/2	18-19/04/2025	71.7 <sup>1/</sup>	66.3 <sup>2/</sup>	64.1 <sup>2/</sup>	6.1	10.0
S68010/3	19-20/04/2025	63.9 <sup>3/</sup>	56.3 <sup>4/</sup>	53.6 <sup>4/</sup>	9.5	10.0
S68010/4	20-21/04/2025	65.3 <sup>5/</sup>	59.6 <sup>6/</sup>	57.4 <sup>6/</sup>	6.5	10.0

**Standard** : Notification of the National Environment Board, No.29, B.E. 2550 (2007), dated June 29, B.E. 2550 (2007), which was published in the Royal Government Gazette, Vol.124, Part 98D dated August, B.E. 2550 (2007).

**Remark** : Unit of Measurement is dB(A)

Specific Noise Level

<sup>1/</sup> Measurement on 03.00 p.m. - 04.00 p.m., 19 April 2025

<sup>3/</sup> Measurement on 10.00 a.m. - 11.00 a.m., 20 April 2025

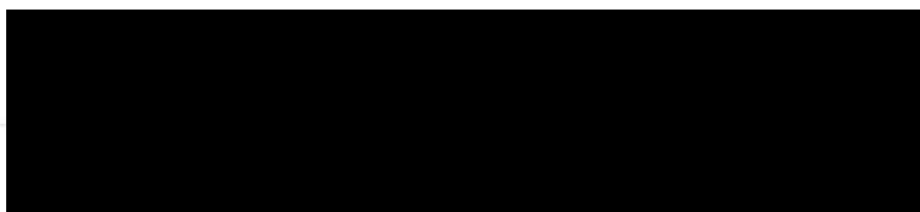
<sup>5/</sup> Measurement on 08.00 a.m. - 09.00 a.m., 21 April 2025

; Residual Noise Level

<sup>2/</sup> Measurement on 12.30 p.m. - 12.35 p.m., 19 April 2025

<sup>4/</sup> Measurement on 12.25 p.m. - 12.30 p.m., 20 April 2025

<sup>6/</sup> Measurement on 12.00 p.m. - 12.05 p.m., 21 April 2025



## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท เรชา เอสเตท จำกัด  
Project Name : โครงการ Hotel Indigo Thonglor  
Address Project : ซอยสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา  
กรุงเทพมหานคร  
Sampling Point : โรงเรียนปทุมคงคา  
GPS. Coordinate : 47 P 671034 E 1517169 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68010  
Sample Type : Annoyance Level  
Sampling Date : 17 – 18 April 2025  
Received Date : 21 April 2025  
Analytical Date : 21 – 23 April 2025  
Report Date : 24 April 2025  
Measurement Method : Sound Level Meter

Sample No.	Sampling Date	Specific Noise Level : $L_{eq}$	Residual Noise Level : $L_{eq}$	Background Noise Level : $L_{90}$	The Values of Annoyance Level	Standard
S68010/5	17-18/04/2025	64.2 <sup>1/</sup>	56.9 <sup>2/</sup>	53.6 <sup>2/</sup>	9.7	10.0

Standard : Notification of the National Environment Board, No.29, B.E. 2550 (2007), dated June 29, B.E. 2550 (2007), which was published in the Royal Government Gazette, Vol.124, Part 98D dated August, B.E. 2550 (2007).

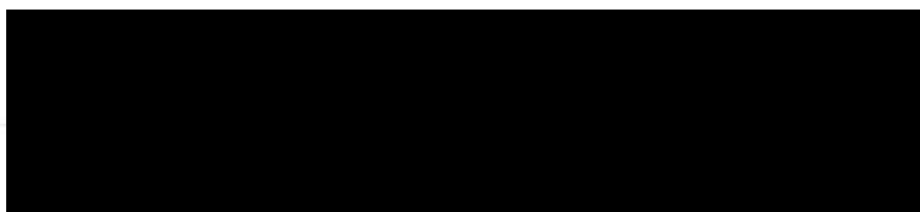
Remark : Unit of Measurement is dB(A)

Specific Noise Level

<sup>1/</sup> Measurement on 03.00 p.m. - 04.00 p.m., 17 April 2025

; Residual Noise Level

<sup>2/</sup> Measurement on 12.50 p.m. - 12.55 p.m., 18 April 2025





## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท เรชา เอสเตท จำกัด  
 Project Name : โครงการ Hotel Indigo Thonglor  
 Address Project : ซอยสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา  
 กรุงเทพมหานคร  
 Sampling Point : พื้นที่โครงการ  
 GPS. Coordinate : 47 P 670673 E 1517846 N  
 Measurement By : TNP ENVIRONMENT CO.,LTD.

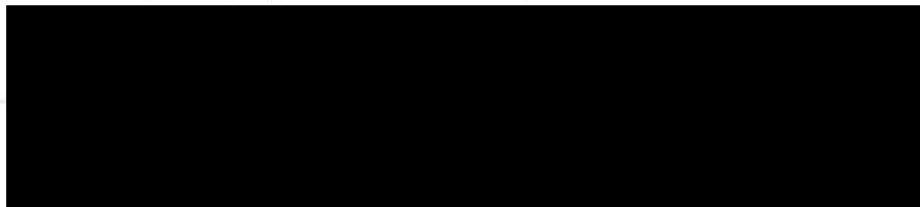
### Data Provided by Laboratory

Report No. : S68010  
 Sample No. : S68010/2  
 Sample Type : Vibration  
 Sampling Date : 18 – 19 April 2025  
 Received Date : 22 April 2025  
 Analytical Date : 22 – 24 April 2025  
 Report Date : 25 April 2025  
 Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	0.368	4.6	0.751	3.9	0.510	2.7	$f \leq 10$	5.000
03.00 p.m. - 04.00 p.m.	0.265	1.3	0.375	4.6	0.281	5.3	$f \leq 10$	5.000
04.00 p.m. - 05.00 p.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
05.00 p.m. - 06.00 p.m.	0.331	5.2	0.674	3.9	0.218	4.1	$f \leq 10$	5.000
06.00 p.m. - 07.00 p.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
07.00 p.m. - 08.00 p.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
08.00 p.m. - 09.00 p.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
09.00 p.m. - 10.00 p.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
10.00 p.m. - 11.00 p.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
11.00 p.m. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 a.m. - 01.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
01.00 a.m. - 02.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
02.00 a.m. - 03.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
03.00 a.m. - 04.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
04.00 a.m. - 05.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
05.00 a.m. - 06.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
06.00 a.m. - 07.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
07.00 a.m. - 08.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
08.00 a.m. - 09.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
09.00 a.m. - 10.00 a.m.	0.236	5.2	0.946	3.1	0.158	2.8	$f \leq 10$	5.000
10.00 a.m. - 11.00 a.m.	0.434	2.5	2.703	6.1	0.457	3.5	$f \leq 10$	5.000
11.00 a.m. - 12.00 p.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 p.m. - 01.00 p.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
01.00 p.m. - 02.00 p.m.	0.254	2.9	0.451	3.8	0.341	2.7	$f \leq 10$	5.000
<b>24 Hour Maximum</b>	-	-	<b>2.703</b>	<b>6.1</b>	-	-	<b><math>f \leq 10</math></b>	<b>5.000</b>

Standard : Notification of National Environmental Board No. 37 B.E. 2553 (2010), Under the Enhancement and Conservation of National Environmental Quality Act B.E. 2535 (1992) published in the Royal Government Gazette No. 127 Special Part 69 4, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),  
 PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz



## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท เรชา เอสเตท จำกัด  
 Project Name : โครงการ Hotel Indigo Thonglor  
 Address Project : ซอยสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา  
 กรุงเทพมหานคร  
 Sampling Point : พื้นที่โครงการ  
 GPS. Coordinate : 47 P 670673 E 1517846 N  
 Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68010  
 Sample No. : S68010/3  
 Sample Type : Vibration  
 Sampling Date : 19 – 20 April 2025  
 Received Date : 22 April 2025  
 Analytical Date : 22 – 24 April 2025  
 Report Date : 25 April 2025  
 Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	0.150	6.0	0.512	4.0	0.229	6.2	$f \leq 10$	5.000
03.00 p.m. - 04.00 p.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
04.00 p.m. - 05.00 p.m.	0.205	4.3	0.436	3.9	0.236	4.2	$f \leq 10$	5.000
05.00 p.m. - 06.00 p.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
06.00 p.m. - 07.00 p.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
07.00 p.m. - 08.00 p.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
08.00 p.m. - 09.00 p.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
09.00 p.m. - 10.00 p.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
10.00 p.m. - 11.00 p.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
11.00 p.m. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 a.m. - 01.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
01.00 a.m. - 02.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
02.00 a.m. - 03.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
03.00 a.m. - 04.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
04.00 a.m. - 05.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
05.00 a.m. - 06.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
06.00 a.m. - 07.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
07.00 a.m. - 08.00 a.m.	0.205	4.4	0.485	4.4	0.268	5.3	$f \leq 10$	5.000
08.00 a.m. - 09.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
09.00 a.m. - 10.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
10.00 a.m. - 11.00 a.m.	0.284	6.7	0.520	6.9	0.267	6.0	$f \leq 10$	5.000
11.00 a.m. - 12.00 p.m.	0.244	4.2	0.536	5.0	0.268	5.5	$f \leq 10$	5.000
12.00 p.m. - 01.00 p.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
01.00 p.m. - 02.00 p.m.	0.205	4.5	0.497	4.3	0.355	5.1	$f \leq 10$	5.000
<b>24 Hour Maximum</b>	-	-	<b>0.536</b>	<b>5.0</b>	-	-	<b><math>f \leq 10</math></b>	<b>5.000</b>

Standard : Notification of National Environmental Board No. 37 B.E. 2553 (2010), Under the Enhancement and Conservation of National Environmental Quality Act B.E. 2535 (1992) published in the Royal Government Gazette No. 127 Special Part 69 4, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),  
 PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz



บริษัท ทีเอ็นพี เอ็นvironment จำกัด



## ANALYSIS REPORT

**Data Provided by Customer**

Customer Name : บริษัท เรชา เอสเตท จำกัด  
Project Name : โครงการ Hotel Indigo Thonglor  
Address Project : ซอยสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา  
กรุงเทพมหานคร  
Sampling Point : พื้นที่โครงการ  
GPS. Coordinate : 47 P 670673 E 1517846 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

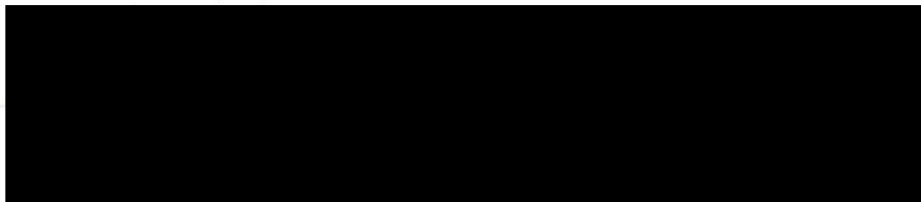
**Data Provided by Laboratory**

Report No. : S68010  
Sample No. : S68010/4  
Sample Type : Vibration  
Sampling Date : 20 – 21 April 2025  
Received Date : 22 April 2025  
Analytical Date : 22 – 24 April 2025  
Report Date : 25 April 2025  
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	0.331	3.5	1.813	3.4	0.236	4.3	$f \leq 10$	5.000
03.00 p.m. - 04.00 p.m.	0.244	4.1	1.135	3.7	0.189	4.5	$f \leq 10$	5.000
04.00 p.m. - 05.00 p.m.	0.276	8.0	0.812	8.4	0.331	7.5	$f \leq 10$	5.000
05.00 p.m. - 06.00 p.m.	0.528	5.4	2.278	5.6	0.221	6.8	$f \leq 10$	5.000
06.00 p.m. - 07.00 p.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
07.00 p.m. - 08.00 p.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
08.00 p.m. - 09.00 p.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
09.00 p.m. - 10.00 p.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
10.00 p.m. - 11.00 p.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
11.00 p.m. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 a.m. - 01.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
01.00 a.m. - 02.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
02.00 a.m. - 03.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
03.00 a.m. - 04.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
04.00 a.m. - 05.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
05.00 a.m. - 06.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
06.00 a.m. - 07.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
07.00 a.m. - 08.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
08.00 a.m. - 09.00 a.m.	0.347	5.7	1.702	8.7	0.394	5.8	$f \leq 10$	5.000
09.00 a.m. - 10.00 a.m.	0.284	7.5	2.372	7.9	1.064	8.8	$f \leq 10$	5.000
10.00 a.m. - 11.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
11.00 a.m. - 12.00 p.m.	0.268	6.1	1.419	5.5	0.473	5.2	$f \leq 10$	5.000
12.00 p.m. - 01.00 p.m.	0.363	6.1	1.545	7.1	0.378	4.7	$f \leq 10$	5.000
01.00 p.m. - 02.00 p.m.	0.260	6.7	1.056	5.8	0.347	7.2	$f \leq 10$	5.000
<b>24 Hour Maximum</b>	-	-	<b>2.372</b>	<b>7.9</b>	-	-	<b><math>f \leq 10</math></b>	<b>5.000</b>

**Standard** : Notification of National Environmental Board No. 37 B.E. 2553 (2010), Under the Enhancement and Conservation of National Environmental Quality Act B.E. 2535 (1992) published in the Royal Government Gazette No. 127 Special Part 69 ง, dated June 2 B.E. 2553 (2010)

**Remark** : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),  
PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz



## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท เรชา เอสเตท จำกัด  
Project Name : โครงการ Hotel Indigo Thonglor  
Address Project : ซอยสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา  
กรุงเทพมหานคร  
Sampling Point : บ่อดักตะกอนและตะแกรงดักขยะก่อนระบายออกสู่ท่อระบายน้ำ  
ริมถนนสุขุมวิทด้านหน้าโครงการ  
GPS. Coordinate : 47 P 670655 E 1517825 N  
Sampling By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68010  
Sample No. : S68010/1  
Sample Type : Waste Water  
Sampling Date : 21 April 2025  
Sampling Time : 01.13 p.m.  
Received Date : 22 April 2025  
Analytical Date : 22 April – 02 May 2025  
Report Date : 05 May 2025

Parameter	Unit	Analytical Method <sup>1/</sup>	Result	Standard
pH at 27.8 °C	-	Electrometric Method (4500-H <sup>+</sup> B)	7.5	5.5-9.0
Total Dissolved Solids	mg/L	Dried at 180°C (2540 C)	145	≤ 1,000
Total Suspended Solids	mg/L	Dried at 103-105°C (2540 D)	< 5.0	≤ 30
Biochemical Oxygen Demand *	mg/L	5-Day BOD Test, Membrane Electrode Method (4500-O G, 5210 B)	< 2.0	≤ 20
Settleable Solids *	mL/L	Imhoff Cone (2540 F)	< 0.1	-
Sulfide *	mg/L	Iodometric Method (4500-S <sup>2-</sup> F)	< 0.60	≤ 1.0
Fat, Oil and Grease *	mg/L	Liquid-Liquid, Partition-Gravimetric Method (5520 B)	< 2.0	≤ 20
Total Kjeldahl Nitrogen * <sup>2/</sup>	mg/L	APHA:4500-Norg (B) <sup>3/</sup>	< 0.28	≤ 35
Sample Appearance		Clear/Little Sediment/Odorless		

Standard : Notification of the Ministry of Natural Resources and Environment, under Enhancement and Conservation of National Environmental Quality Act, B.E. 2567 (2024), Building type A.

Remark <sup>1/</sup> Standard Methods for the Examination of Water and Wastewater., APHA, AWWA, WEF, 24<sup>th</sup> edition 2023.

<sup>2/</sup> Analyzed by Environment & Laboratory Co., Ltd. registration number Wo-029.

<sup>3/</sup> Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23<sup>rd</sup> edition 2017.

\* This item is out the scope ISO/IEC 17025:2017 Accreditation.

