

## ANALYSIS REPORT

**Data Provided by Customer**

Customer Name : บริษัท เอพี เอ็มอี 24 จำกัด  
 Project Name : โครงการอาคารชุด โหลี่ สาทร-นราธิวาส 22  
 (Life Sathorn-Narathiwas 22)  
 Address Project : ถนนนราธิวาสราชนครินทร์ แขวงช่องนนทรี  
 เขตยานนาวา กรุงเทพมหานคร  
 Sampling Point : พื้นที่โครงการ ด้านทิศใต้  
 GPS. Coordinate : 47P 666140 E 1515484 N  
 Measurement By : TNP ENVIRONMENT CO.,LTD.

**Data Provided by Laboratory**

Report No. : S69026  
 Sample No. : S69026/11  
 Sample Type : Sound Level  
 Sampling Date : 23 – 24 April 2026  
 Received Date : 27 April 2026  
 Analytical Date : 27 – 29 April 2026  
 Report Date : 30 April 2026  
 Measurement Method : Sound Level Meter

| Interval Time           | Result (dB(A)) |      |      |      |
|-------------------------|----------------|------|------|------|
|                         | Leq            | Lmax | L10  | L90  |
| 11.00 a.m. - 12.00 p.m. | 65.7           | 80.1 | 68.0 | 63.4 |
| 12.00 p.m. - 01.00 p.m. | 60.4           | 86.3 | 62.1 | 58.5 |
| 01.00 p.m. - 02.00 p.m. | 63.9           | 84.5 | 65.0 | 60.9 |
| 02.00 p.m. - 03.00 p.m. | 64.1           | 91.2 | 66.7 | 62.4 |
| 03.00 p.m. - 04.00 p.m. | 65.0           | 80.3 | 68.3 | 63.9 |
| 04.00 p.m. - 05.00 p.m. | 66.7           | 85.4 | 69.7 | 64.5 |
| 05.00 p.m. - 06.00 p.m. | 63.9           | 83.0 | 65.2 | 60.9 |
| 06.00 p.m. - 07.00 p.m. | 62.3           | 75.4 | 65.4 | 60.1 |
| 07.00 p.m. - 08.00 p.m. | 60.1           | 86.3 | 62.3 | 58.6 |
| 08.00 p.m. - 09.00 p.m. | 59.8           | 80.1 | 61.5 | 56.4 |
| 09.00 p.m. - 10.00 p.m. | 58.4           | 79.2 | 62.3 | 56.0 |
| 10.00 p.m. - 11.00 p.m. | 57.6           | 74.5 | 59.6 | 55.3 |
| 11.00 p.m. - 12.00 a.m. | 56.5           | 70.6 | 59.2 | 54.9 |
| 12.00 a.m. - 01.00 a.m. | 52.7           | 75.4 | 55.4 | 50.1 |
| 01.00 a.m. - 02.00 a.m. | 52.0           | 72.3 | 54.6 | 50.7 |
| 02.00 a.m. - 03.00 a.m. | 51.6           | 73.8 | 53.6 | 49.6 |
| 03.00 a.m. - 04.00 a.m. | 52.1           | 70.9 | 53.1 | 49.9 |
| 04.00 a.m. - 05.00 a.m. | 53.7           | 69.5 | 55.0 | 50.3 |
| 05.00 a.m. - 06.00 a.m. | 55.8           | 70.7 | 56.9 | 52.6 |
| 06.00 a.m. - 07.00 a.m. | 58.9           | 75.6 | 60.7 | 57.7 |
| 07.00 a.m. - 08.00 a.m. | 61.1           | 79.3 | 63.8 | 59.3 |
| 08.00 a.m. - 09.00 a.m. | 63.0           | 85.1 | 65.7 | 59.7 |
| 09.00 a.m. - 10.00 a.m. | 65.6           | 89.3 | 67.9 | 62.3 |
| 10.00 a.m. - 11.00 a.m. | 67.1           | 82.5 | 69.3 | 65.7 |
| 24 Hours Average        | 62.2           | -    | -    | -    |
| Lmax                    | -              | 91.2 | -    | -    |
| L10                     | -              | -    | 64.6 | -    |
| L90                     | -              | -    | -    | 60.0 |
| Standard                | ≤70            | ≤115 | -    | -    |
| Ldn                     | 64.5           | -    | -    | -    |

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

**Remark** : Model and Serial No. : ST-25D and S/N 10340945

Expire Date : 28 June 2026

Calibra



**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

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(Life Sathorn-Narathiwat 22)  
Address Project : ถนนนราธิวาสราชนครินทร์ แขวงช่องนนทรี  
เขตยานนาวา กรุงเทพมหานคร  
Sampling Point : พื้นที่โครงการ ด้านทิศใต้  
GPS. Coordinate : 47P 666140 E 1515484 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

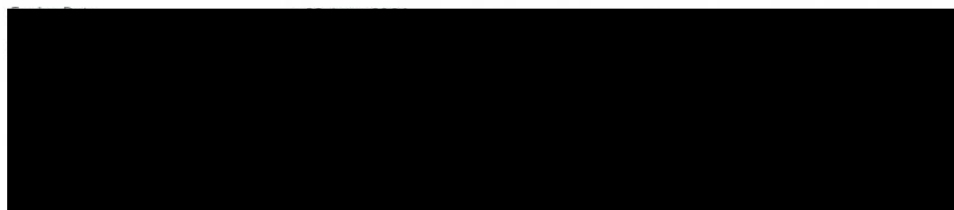
### Data Provided by Laboratory

Report No. : S69026  
Sample No. : S69026/13  
Sample Type : Sound Level  
Sampling Date : 27 - 28 April 2026  
Received Date : 29 April 2026  
Analytical Date : 29 April - 04 May 2026  
Report Date : 05 May 2026  
Measurement Method : Sound Level Meter

| Interval Time           | Result (dB(A)) |      |      |      |
|-------------------------|----------------|------|------|------|
|                         | Leq            | Lmax | L10  | L90  |
| 10.00 a.m. - 11.00 a.m. | 68.8           | 89.7 | 70.1 | 64.9 |
| 11.00 a.m. - 12.00 p.m. | 65.1           | 85.3 | 68.3 | 63.4 |
| 12.00 p.m. - 01.00 p.m. | 62.8           | 83.1 | 64.2 | 60.1 |
| 01.00 p.m. - 02.00 p.m. | 64.3           | 84.6 | 66.7 | 62.9 |
| 02.00 p.m. - 03.00 p.m. | 65.9           | 82.5 | 67.4 | 63.6 |
| 03.00 p.m. - 04.00 p.m. | 67.8           | 80.1 | 69.3 | 65.7 |
| 04.00 p.m. - 05.00 p.m. | 65.4           | 82.9 | 67.2 | 63.4 |
| 05.00 p.m. - 06.00 p.m. | 63.0           | 86.9 | 65.0 | 61.2 |
| 06.00 p.m. - 07.00 p.m. | 61.9           | 81.8 | 63.6 | 59.7 |
| 07.00 p.m. - 08.00 p.m. | 59.2           | 79.2 | 61.2 | 57.4 |
| 08.00 p.m. - 09.00 p.m. | 58.4           | 78.5 | 61.5 | 56.2 |
| 09.00 p.m. - 10.00 p.m. | 57.6           | 76.4 | 59.4 | 55.4 |
| 10.00 p.m. - 11.00 p.m. | 56.2           | 75.1 | 58.1 | 54.9 |
| 11.00 p.m. - 12.00 a.m. | 55.4           | 72.6 | 57.7 | 53.6 |
| 12.00 a.m. - 01.00 a.m. | 52.3           | 73.4 | 54.9 | 50.7 |
| 01.00 a.m. - 02.00 a.m. | 53.1           | 75.0 | 55.0 | 51.2 |
| 02.00 a.m. - 03.00 a.m. | 52.4           | 79.1 | 54.9 | 50.9 |
| 03.00 a.m. - 04.00 a.m. | 53.9           | 76.0 | 55.1 | 51.5 |
| 04.00 a.m. - 05.00 a.m. | 54.1           | 74.1 | 56.2 | 52.1 |
| 05.00 a.m. - 06.00 a.m. | 56.7           | 79.5 | 58.7 | 54.9 |
| 06.00 a.m. - 07.00 a.m. | 59.0           | 82.6 | 61.3 | 57.2 |
| 07.00 a.m. - 08.00 a.m. | 62.1           | 89.4 | 64.1 | 60.7 |
| 08.00 a.m. - 09.00 a.m. | 64.7           | 92.9 | 66.9 | 62.9 |
| 09.00 a.m. - 10.00 a.m. | 66.2           | 93.5 | 69.7 | 64.3 |
| 24 Hours Average        | 62.9           | -    | -    | -    |
| Lmax                    | -              | 93.5 | -    | -    |
| L10                     | -              | -    | 64.9 | -    |
| L90                     | -              | -    | -    | 60.6 |
| Standard                | ≤70            | ≤115 | -    | -    |
| Ldn                     | 64.9           | -    | -    | -    |

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

Remark : Model and Serial No. ; ST-25D and S/N 10340945





**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

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Project Name : โครงการอาคารชุด ไลฟ์ สาทร-นราธิวาส 22  
(Life Sathorn-Narathiwat 22)  
Address Project : ถนนนราธิวาสราชนครินทร์ แขวงช่องนนทรี  
เขตยานนาวา กรุงเทพมหานคร  
Sampling Point : พื้นที่โครงการ ด้านทิศใต้  
GPS. Coordinate : 47P 666140 E 1515484 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S69026  
Sample Type : Annoyance Level  
Sampling Date : 02 - 03 April 2026  
Received Date : 06 April 2026  
Analytical Date : 06 - 08 April 2026  
Report Date : 09 April 2026  
Measurement Method : Sound Level Meter

| Sample No. | Sampling Date | Specific<br>Noise Level : $L_{eq}$ | Residual<br>Noise Level : $L_{eq}$ | Background<br>Noise Level : $L_{90}$ | The Values of<br>Annoyance Level | Standard |
|------------|---------------|------------------------------------|------------------------------------|--------------------------------------|----------------------------------|----------|
| S69026/5   | 02-03/04/2026 | 67.3 <sup>1/</sup>                 | 61.7 <sup>2/</sup>                 | 59.6 <sup>2/</sup>                   | 6.3                              | 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 09.00 a.m. - 10.00 a.m., 03 April 2026

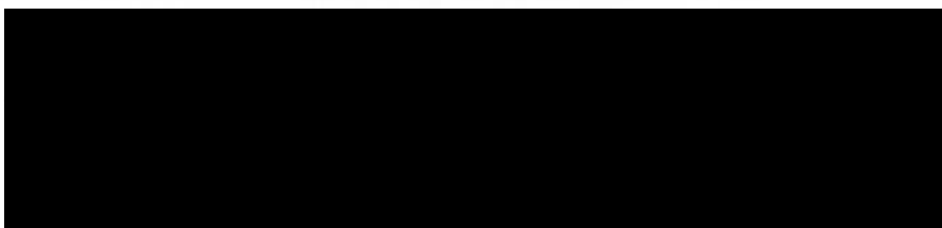
Model and Serial No. : ST-25D and S/N 10340945

Expire Date : 28 June 2026

Calibrator Model and Serial No. : KSM-42C and S/N 160100568

; Residual Noise Level

<sup>2/</sup> Measurement on 06.45 p.m. - 06.50 p.m., 02 April 2026





TNP ENVIRONMENT CO.,LTD.

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

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เขตยานนาวา กรุงเทพมหานคร  
Sampling Point : พื้นที่โครงการ ด้านทิศใต้  
GPS. Coordinate : 47P 666140 E 1515484 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S69026  
Sample Type : Annoyance Level  
Sampling Date : 08 – 09 April 2026  
Received Date : 10 April 2026  
Analytical Date : 10 – 17 April 2026  
Report Date : 20 April 2026  
Measurement Method : Sound Level Meter

| Sample No. | Sampling Date | Specific<br>Noise Level : $L_{eq}$ | Residual<br>Noise Level : $L_{eq}$ | Background<br>Noise Level : $L_{90}$ | The Values of<br>Annoyance Level | Standard |
|------------|---------------|------------------------------------|------------------------------------|--------------------------------------|----------------------------------|----------|
| S69026/7   | 08-09/04/2026 | 69.1 <sup>1/</sup>                 | 62.8 <sup>2/</sup>                 | 61.4 <sup>2/</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 10.00 a.m. - 11.00 a.m., 09 April 2026

Model and Serial No. : ST-25D and S/N 10340945

Expire Date : 28 June 2026

Calibrator Model and Serial No. : KSM-42C and S/N 160100568

; Residual Noise Level

<sup>2/</sup> Measurement on 12.00 p.m. - 12.05 p.m., 08 April 2026



**TNP ENVIRONMENT CO.,LTD.**

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

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### Data Provided by Customer

Customer Name : บริษัท เอพี เอ็มอี 24 จำกัด  
Project Name : โครงการอาคารชุด โลฟ สาทhorn-นราธิวาส 22  
(Life Sathorn-Narathiwas 22)  
Address Project : ถนนนราธิวาสราชนครินทร์ แขวงช่องนนทรี  
เขตยานนาวา กรุงเทพมหานคร  
Sampling Point : พื้นที่โครงการ ด้านทิศใต้  
GPS. Coordinate : 47P 666140 E 1515484 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S69026  
Sample Type : Annoyance Level  
Sampling Date : 16 – 17 April 2026  
Received Date : 20 April 2026  
Analytical Date : 20 – 22 April 2026  
Report Date : 23 April 2026  
Measurement Method : Sound Level Meter

| Sample No. | Sampling Date | Specific<br>Noise Level : $L_{eq}$ | Residual<br>Noise Level : $L_{eq}$ | Background<br>Noise Level : $L_{90}$ | The Values of<br>Annoyance Level | Standard |
|------------|---------------|------------------------------------|------------------------------------|--------------------------------------|----------------------------------|----------|
| S69026/9   | 16-17/04/2026 | 68.4 <sup>1/</sup>                 | 62.3 <sup>2/</sup>                 | 60.3 <sup>2/</sup>                   | 6.9                              | 10.0     |

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

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

Specific Noise Level

<sup>1/</sup> Measurement on 02.00 p.m. - 03.00 p.m., 16 April 2026

Model and Serial No. ; ST-25D and S/N 10340945

Expire Date ; 28 June 2026

Calibrator Model and Serial No. ; KSM-42C and S/N 160100568

; Residual Noise Level

<sup>2/</sup> Measurement on 06.00 p.m. - 06.05 p.m., 16 April 2026



**TNP ENVIRONMENT CO.,LTD.**

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

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(Life Sathorn-Narathiwat 22)  
Address Project : ถนนนราธิวาสราชนครินทร์ แขวงช่องนนทรี  
เขตยานนาวา กรุงเทพมหานคร  
Sampling Point : พื้นที่โครงการ ด้านทิศใต้  
GPS. Coordinate : 47P 666140 E 1515484 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S69026  
Sample Type : Annoyance Level  
Sampling Date : 23 – 24 April 2026  
Received Date : 27 April 2026  
Analytical Date : 27 – 29 April 2026  
Report Date : 30 April 2026  
Measurement Method : Sound Level Meter

| Sample No. | Sampling Date | Specific<br>Noise Level : $L_{eq}$ | Residual<br>Noise Level : $L_{eq}$ | Background<br>Noise Level : $L_{90}$ | The Values of<br>Annoyance Level | Standard |
|------------|---------------|------------------------------------|------------------------------------|--------------------------------------|----------------------------------|----------|
| S69026/11  | 23-24/04/2026 | 67.1 <sup>1/</sup>                 | 60.8 <sup>2/</sup>                 | 58.3 <sup>2/</sup>                   | 7.6                              | 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

; Residual Noise Level

<sup>1/</sup> Measurement on 10:00 a.m. - 11:00 a.m., 24 April 2026

<sup>2/</sup> Measurement on 12:10 p.m. - 12:15 p.m., 23 April 2026

Model and Serial No. ; ST-25D and S/N 10340945

Expire Date ; 28 June 2026

Calibrator Model and Serial No. ; KSM-42C and S/N 160100568



TNP ENVIRONMENT CO.,LTD.

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

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### Data Provided by Customer

Customer Name : บริษัท เอพี เอ็มอี 24 จำกัด  
Project Name : โครงการอาคารชุด โลฟ สาทร์-นราธิวาส 22  
(Life Sathorn-Narathiwas 22)  
Address Project : ถนนนราธิวาสราชนครินทร์ แขวงช่องนนทรี  
เขตยานนาวา กรุงเทพมหานคร  
Sampling Point : พื้นที่โครงการ ด้านทิศใต้  
GPS. Coordinate : 47P 666140 E 1515484 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S69026  
Sample Type : Annoyance Level  
Sampling Date : 27 – 28 April 2026  
Received Date : 29 April 2026  
Analytical Date : 29 April – 04 May 2026  
Report Date : 05 May 2026  
Measurement Method : Sound Level Meter

| Sample No. | Sampling Date | Specific<br>Noise Level : $L_{eq}$ | Residual<br>Noise Level : $L_{eq}$ | Background<br>Noise Level : $L_{90}$ | The Values of<br>Annoyance Level | Standard |
|------------|---------------|------------------------------------|------------------------------------|--------------------------------------|----------------------------------|----------|
| S69026/13  | 27-28/04/2026 | 68.8 <sup>1/</sup>                 | 62.7 <sup>2/</sup>                 | 59.5 <sup>2/</sup>                   | 8.1                              | 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

; Residual Noise Level

<sup>1/</sup> Measurement on 10.00 a.m. - 11.00 a.m., 27 April 2026

<sup>2/</sup> Measurement on 06.45 p.m. - 06.50 p.m., 27 April 2026

Model and Serial No. ; ST-25D and S/N 10340945

Expire Date ; 28 June 2026

Calibrator Model and Serial No. ; KSM-42C and S/N 160100568

## ANALYSIS REPORT

**Data Provided by Customer**

Customer Name : บริษัท เอพี เอ็มอี 24 จำกัด  
Project Name : โครงการอาคารชุด ไลฟ์ สาทร-นราธิวาส 22  
(Life Sathorn-Narathiwas 22)  
Address Project : ถนนนราธิวาสราชนครินทร์ แขวงช่องนนทรี  
เขตยานนาวา กรุงเทพมหานคร  
Sampling Point : พื้นที่โครงการ ด้านทิศใต้  
GPS. Coordinate : 47P 666106 E 1515454 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

**Data Provided by Laboratory**

Report No. : S69026  
Sample No. : S69026/5  
Sample Type : Sound Level  
Sampling Date : 06 – 07 May 2026  
Received Date : 08 May 2026  
Analytical Date : 08 – 12 May 2026  
Report Date : 13 May 2026  
Measurement Method : Sound Level Meter

| Interval Time           | Result (dB(A)) |             |             |             |
|-------------------------|----------------|-------------|-------------|-------------|
|                         | Leq            | Lmax        | L10         | L90         |
| 10.00 a.m. - 11.00 a.m. | 68.7           | 98.6        | 70.3        | 66.7        |
| 11.00 a.m. - 12.00 p.m. | 66.1           | 91.3        | 68.4        | 64.9        |
| 12.00 p.m. - 01.00 p.m. | 61.2           | 85.4        | 63.5        | 58.6        |
| 01.00 p.m. - 02.00 p.m. | 63.7           | 86.7        | 65.1        | 60.3        |
| 02.00 p.m. - 03.00 p.m. | 66.4           | 79.5        | 68.9        | 64.5        |
| 03.00 p.m. - 04.00 p.m. | 65.1           | 85.1        | 67.2        | 63.1        |
| 04.00 p.m. - 05.00 p.m. | 64.3           | 87.6        | 66.5        | 61.9        |
| 05.00 p.m. - 06.00 p.m. | 63.0           | 81.2        | 65.1        | 60.2        |
| 06.00 p.m. - 07.00 p.m. | 60.8           | 75.6        | 62.8        | 59.0        |
| 07.00 p.m. - 08.00 p.m. | 56.4           | 69.8        | 58.3        | 54.0        |
| 08.00 p.m. - 09.00 p.m. | 55.2           | 74.2        | 58.4        | 53.7        |
| 09.00 p.m. - 10.00 p.m. | 53.9           | 76.5        | 55.7        | 50.6        |
| 10.00 p.m. - 11.00 p.m. | 52.7           | 71.2        | 55.4        | 50.3        |
| 11.00 p.m. - 12.00 a.m. | 52.3           | 69.8        | 56.1        | 50.7        |
| 12.00 a.m. - 01.00 a.m. | 54.8           | 65.3        | 56.3        | 52.0        |
| 01.00 a.m. - 02.00 a.m. | 53.7           | 70.1        | 55.5        | 51.7        |
| 02.00 a.m. - 03.00 a.m. | 55.4           | 68.4        | 58.6        | 53.6        |
| 03.00 a.m. - 04.00 a.m. | 56.0           | 78.5        | 59.4        | 54.4        |
| 04.00 a.m. - 05.00 a.m. | 56.9           | 71.0        | 58.2        | 54.5        |
| 05.00 a.m. - 06.00 a.m. | 58.7           | 76.5        | 60.0        | 56.8        |
| 06.00 a.m. - 07.00 a.m. | 60.1           | 72.9        | 62.7        | 58.7        |
| 07.00 a.m. - 08.00 a.m. | 62.7           | 75.3        | 64.3        | 60.3        |
| 08.00 a.m. - 09.00 a.m. | 64.3           | 80.3        | 66.9        | 62.4        |
| 09.00 a.m. - 10.00 a.m. | 65.9           | 82.5        | 67.0        | 63.5        |
| <b>24 Hours Average</b> | <b>62.4</b>    | -           | -           | -           |
| <b>Lmax</b>             | -              | <b>98.6</b> | -           | -           |
| <b>L10</b>              | -              | -           | <b>64.4</b> | -           |
| <b>L90</b>              | -              | -           | -           | <b>60.3</b> |
| <b>Standard</b>         | <b>≤70</b>     | <b>≤115</b> | -           | -           |
| <b>Ldn</b>              | <b>65.1</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** : Model and Serial No. : ST-25D and S/N 10340945  
Expire Date : 28 June 2026  
Cali

## ANALYSIS REPORT

**Data Provided by Customer**

Customer Name : บริษัท เอพี เอ็มอี 24 จำกัด  
Project Name : โครงการอาคารชุด โลฟ สาทร-นราธิวาส 22  
(Life Sathorn-Narathiwas 22)  
Address Project : ถนนนราธิวาสราชนครินทร์ แขวงช่องนนทรี  
เขตยานนาวา กรุงเทพมหานคร  
Sampling Point : พื้นที่โครงการ ด้านทิศใต้  
GPS. Coordinate : 47P 666106 E 1515454 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

**Data Provided by Laboratory**

Report No. : S69026  
Sample No. : S69026/7  
Sample Type : Sound Level  
Sampling Date : 14 - 15 May 2026  
Received Date : 18 May 2026  
Analytical Date : 18 - 20 May 2026  
Report Date : 21 May 2026  
Measurement Method : Sound Level Meter

| Interval Time           | Result (dB(A)) |             |             |             |
|-------------------------|----------------|-------------|-------------|-------------|
|                         | Leq            | Lmax        | L10         | L90         |
| 10.00 a.m. - 11.00 a.m. | 68.1           | 88.5        | 69.1        | 65.3        |
| 11.00 a.m. - 12.00 p.m. | 65.0           | 84.0        | 68.4        | 63.9        |
| 12.00 p.m. - 01.00 p.m. | 62.6           | 89.3        | 64.5        | 60.4        |
| 01.00 p.m. - 02.00 p.m. | 65.8           | 90.1        | 67.3        | 63.5        |
| 02.00 p.m. - 03.00 p.m. | 70.1           | 82.5        | 72.0        | 68.7        |
| 03.00 p.m. - 04.00 p.m. | 68.3           | 80.1        | 70.4        | 66.2        |
| 04.00 p.m. - 05.00 p.m. | 67.4           | 79.5        | 69.3        | 65.4        |
| 05.00 p.m. - 06.00 p.m. | 66.0           | 71.2        | 68.5        | 64.0        |
| 06.00 p.m. - 07.00 p.m. | 63.4           | 73.6        | 65.1        | 61.3        |
| 07.00 p.m. - 08.00 p.m. | 60.2           | 75.4        | 63.0        | 58.9        |
| 08.00 p.m. - 09.00 p.m. | 58.6           | 69.9        | 60.2        | 56.4        |
| 09.00 p.m. - 10.00 p.m. | 56.0           | 70.4        | 58.1        | 54.7        |
| 10.00 p.m. - 11.00 p.m. | 55.3           | 75.6        | 59.0        | 53.0        |
| 11.00 p.m. - 12.00 a.m. | 52.1           | 76.4        | 54.6        | 50.2        |
| 12.00 a.m. - 01.00 a.m. | 52.6           | 73.5        | 54.8        | 50.9        |
| 01.00 a.m. - 02.00 a.m. | 53.2           | 70.1        | 55.9        | 51.4        |
| 02.00 a.m. - 03.00 a.m. | 55.4           | 68.4        | 57.3        | 53.6        |
| 03.00 a.m. - 04.00 a.m. | 54.1           | 71.6        | 56.0        | 52.8        |
| 04.00 a.m. - 05.00 a.m. | 56.0           | 72.9        | 58.1        | 54.5        |
| 05.00 a.m. - 06.00 a.m. | 58.9           | 76.4        | 60.7        | 55.3        |
| 06.00 a.m. - 07.00 a.m. | 59.6           | 71.5        | 61.3        | 56.7        |
| 07.00 a.m. - 08.00 a.m. | 63.5           | 79.5        | 65.0        | 60.1        |
| 08.00 a.m. - 09.00 a.m. | 65.7           | 79.2        | 66.9        | 63.5        |
| 09.00 a.m. - 10.00 a.m. | 66.9           | 80.1        | 68.3        | 64.7        |
| <b>24 Hours Average</b> | <b>64.0</b>    | -           | -           | -           |
| <b>Lmax</b>             | -              | <b>90.1</b> | -           | -           |
| <b>L10</b>              | -              | -           | <b>65.9</b> | -           |
| <b>L90</b>              | -              | -           | -           | <b>62.0</b> |
| <b>Standard</b>         | <b>≤70</b>     | <b>≤115</b> | -           | -           |
| <b>Ldn</b>              | <b>65.9</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** : Model and Serial No. : ST-25D and S/N 10340945

Expire Date : 08 June 2026

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## ANALYSIS REPORT

**Data Provided by Customer**

Customer Name : บริษัท เอพี เอ็มอี 24 จำกัด  
Project Name : โครงการอาคารชุด โลฟ สาทร์-นราธิวาส 22  
(Life Sathorn-Narathiwas 22)  
Address Project : ถนนนราธิวาสราชนครินทร์ แขวงช่องนนทรี  
เขตยานนาวา กรุงเทพมหานคร  
Sampling Point : พื้นที่โครงการ ด้านทิศใต้  
GPS. Coordinate : 47P 666106 E 1515454 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

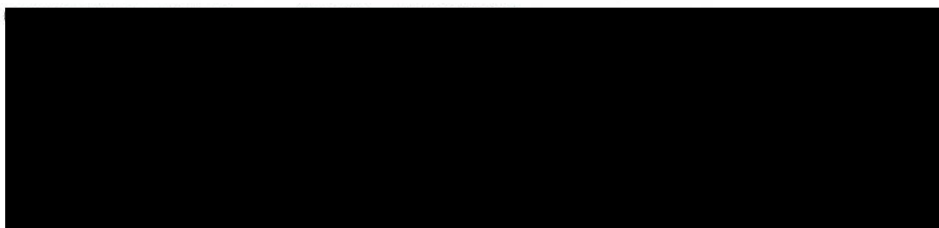
**Data Provided by Laboratory**

Report No. : S69026  
Sample No. : S69026/9  
Sample Type : Sound Level  
Sampling Date : 19 – 20 May 2026  
Received Date : 21 May 2026  
Analytical Date : 21 – 25 May 2026  
Report Date : 26 May 2026  
Measurement Method : Sound Level Meter

| Interval Time           | Result (dB(A)) |             |             |             |
|-------------------------|----------------|-------------|-------------|-------------|
|                         | Leq            | Lmax        | L10         | L90         |
| 02.00 p.m. - 03.00 p.m. | 67.3           | 81.4        | 69.3        | 65.1        |
| 03.00 p.m. - 04.00 p.m. | 66.1           | 89.3        | 69.0        | 64.9        |
| 04.00 p.m. - 05.00 p.m. | 65.4           | 86.5        | 68.3        | 63.5        |
| 05.00 p.m. - 06.00 p.m. | 63.3           | 82.4        | 65.4        | 61.0        |
| 06.00 p.m. - 07.00 p.m. | 61.7           | 79.1        | 63.9        | 58.9        |
| 07.00 p.m. - 08.00 p.m. | 59.8           | 75.1        | 61.4        | 58.6        |
| 08.00 p.m. - 09.00 p.m. | 56.4           | 69.2        | 59.1        | 54.2        |
| 09.00 p.m. - 10.00 p.m. | 54.2           | 70.1        | 56.7        | 52.1        |
| 10.00 p.m. - 11.00 p.m. | 53.6           | 74.5        | 55.2        | 50.0        |
| 11.00 p.m. - 12.00 a.m. | 54.7           | 78.6        | 56.7        | 51.4        |
| 12.00 a.m. - 01.00 a.m. | 52.6           | 72.4        | 55.9        | 50.1        |
| 01.00 a.m. - 02.00 a.m. | 53.1           | 79.2        | 56.1        | 51.6        |
| 02.00 a.m. - 03.00 a.m. | 53.9           | 70.3        | 56.7        | 52.0        |
| 03.00 a.m. - 04.00 a.m. | 54.6           | 69.6        | 56.4        | 51.9        |
| 04.00 a.m. - 05.00 a.m. | 55.7           | 72.4        | 57.8        | 52.6        |
| 05.00 a.m. - 06.00 a.m. | 56.1           | 75.3        | 58.0        | 54.9        |
| 06.00 a.m. - 07.00 a.m. | 58.9           | 79.8        | 60.9        | 56.5        |
| 07.00 a.m. - 08.00 a.m. | 62.0           | 80.2        | 64.3        | 60.1        |
| 08.00 a.m. - 09.00 a.m. | 64.6           | 88.6        | 66.8        | 62.3        |
| 09.00 a.m. - 10.00 a.m. | 65.7           | 81.3        | 69.7        | 63.9        |
| 10.00 a.m. - 11.00 a.m. | 66.3           | 95.2        | 68.4        | 64.5        |
| 11.00 a.m. - 12.00 p.m. | 64.2           | 80.3        | 66.3        | 62.7        |
| 12.00 p.m. - 01.00 p.m. | 62.8           | 79.5        | 64.9        | 60.9        |
| 01.00 p.m. - 02.00 p.m. | 65.0           | 75.6        | 67.2        | 63.4        |
| <b>24 Hours Average</b> | <b>62.4</b>    | -           | -           | -           |
| <b>Lmax</b>             | -              | <b>95.2</b> | -           | -           |
| <b>L10</b>              | -              | -           | <b>64.8</b> | -           |
| <b>L90</b>              | -              | -           | -           | <b>60.5</b> |
| <b>Standard</b>         | <b>≤70</b>     | <b>≤115</b> | -           | -           |
| <b>Ldn</b>              | <b>64.5</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** : Model and Serial No. : ST-25D and S/N 10340945  
Expire Date : 28 June 2026



## ANALYSIS REPORT

**Data Provided by Customer**

Customer Name : บริษัท เอพี เอ็มอี 24 จำกัด  
 Project Name : โครงการอาคารชุด ไลฟ์ สาทร-นราธิวาส 22  
 (Life Sathorn-Narathiwas 22)  
 Address Project : ถนนนราธิวาสราชนครินทร์ แขวงช่องนนทรี  
 เขตยานนาวา กรุงเทพมหานคร  
 Sampling Point : พื้นที่โครงการ ด้านทิศใต้  
 GPS. Coordinate : 47P 666106 E 1515454 N  
 Measurement By : TNP ENVIRONMENT CO.,LTD.

**Data Provided by Laboratory**

Report No. : S69026  
 Sample No. : S69026/11  
 Sample Type : Sound Level  
 Sampling Date : 28 – 29 May 2026  
 Received Date : 02 June 2026  
 Analytical Date : 02 – 05 June 2026  
 Report Date : 08 June 2026  
 Measurement Method : Sound Level Meter

| Interval Time           | Result (dB(A)) |             |             |             |
|-------------------------|----------------|-------------|-------------|-------------|
|                         | Leq            | Lmax        | L10         | L90         |
| 10.00 a.m. - 11.00 a.m. | 68.3           | 79.8        | 70.3        | 66.3        |
| 11.00 a.m. - 12.00 p.m. | 65.2           | 91.2        | 68.9        | 63.9        |
| 12.00 p.m. - 01.00 p.m. | 62.8           | 80.1        | 64.5        | 60.7        |
| 01.00 p.m. - 02.00 p.m. | 64.6           | 89.5        | 66.6        | 62.4        |
| 02.00 p.m. - 03.00 p.m. | 65.9           | 93.4        | 69.3        | 63.9        |
| 03.00 p.m. - 04.00 p.m. | 66.2           | 90.5        | 68.5        | 64.1        |
| 04.00 p.m. - 05.00 p.m. | 68.5           | 83.6        | 70.2        | 66.9        |
| 05.00 p.m. - 06.00 p.m. | 65.4           | 82.0        | 69.3        | 63.0        |
| 06.00 p.m. - 07.00 p.m. | 62.1           | 79.6        | 64.5        | 59.7        |
| 07.00 p.m. - 08.00 p.m. | 60.3           | 75.4        | 63.9        | 58.3        |
| 08.00 p.m. - 09.00 p.m. | 58.8           | 71.2        | 60.5        | 56.1        |
| 09.00 p.m. - 10.00 p.m. | 56.4           | 73.5        | 59.4        | 55.0        |
| 10.00 p.m. - 11.00 p.m. | 56.7           | 76.4        | 58.2        | 54.2        |
| 11.00 p.m. - 12.00 a.m. | 55.1           | 71.2        | 56.9        | 53.6        |
| 12.00 a.m. - 01.00 a.m. | 54.2           | 69.6        | 56.7        | 52.0        |
| 01.00 a.m. - 02.00 a.m. | 55.1           | 72.5        | 56.8        | 53.9        |
| 02.00 a.m. - 03.00 a.m. | 54.2           | 68.3        | 56.4        | 52.1        |
| 03.00 a.m. - 04.00 a.m. | 53.6           | 65.9        | 55.9        | 50.7        |
| 04.00 a.m. - 05.00 a.m. | 54.7           | 71.4        | 56.0        | 51.6        |
| 05.00 a.m. - 06.00 a.m. | 56.8           | 72.5        | 58.9        | 54.9        |
| 06.00 a.m. - 07.00 a.m. | 59.0           | 79.3        | 61.3        | 57.3        |
| 07.00 a.m. - 08.00 a.m. | 63.2           | 86.5        | 65.3        | 61.2        |
| 08.00 a.m. - 09.00 a.m. | 66.1           | 85.4        | 67.8        | 64.3        |
| 09.00 a.m. - 10.00 a.m. | 69.8           | 90.3        | 71.2        | 65.9        |
| <b>24 Hours Average</b> | <b>63.7</b>    | -           | -           | -           |
| <b>Lmax</b>             | -              | <b>93.4</b> | -           | -           |
| <b>L10</b>              | -              | -           | <b>66.0</b> | -           |
| <b>L90</b>              | -              | -           | -           | <b>61.5</b> |
| <b>Standard</b>         | <b>≤70</b>     | <b>≤115</b> | -           | -           |
| <b>Ldn</b>              | <b>65.6</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** : Model and Serial No. : ST-25D and S/N 10340945  
 Expire Date : 28 June 2026  
 Calibrator Model and Serial No. : KEM-42C and S/N 160160566



**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 เอพี เอ็มอี 24 จำกัด  
Project Name : โครงการอาคารชุด ไลฟ์ สาทร-นราธิวาส 22  
(Life Sathorn-Narathiwat 22)  
Address Project : ถนนนราธิวาสราชนครินทร์ แขวงช่องนนทรี  
เขตยานนาวา กรุงเทพมหานคร  
Sampling Point : พื้นที่โครงการ ด้านทิศใต้  
GPS. Coordinate : 47P 666106 E 1515454 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S69026  
Sample Type : Annoyance Level  
Sampling Date : 06 – 07 May 2026  
Received Date : 08 May 2026  
Analytical Date : 08 – 12 May 2026  
Report Date : 13 May 2026  
Measurement Method : Sound Level Meter

| Sample No. | Sampling Date | Specific<br>Noise Level : $L_{eq}$ | Residual<br>Noise Level : $L_{eq}$ | Background<br>Noise Level : $L_{90}$ | The Values of<br>Annoyance Level | Standard |
|------------|---------------|------------------------------------|------------------------------------|--------------------------------------|----------------------------------|----------|
| S69026/5   | 06-07/05/2026 | 68.7 <sup>1/</sup>                 | 60.4 <sup>2/</sup>                 | 58.6 <sup>2/</sup>                   | 9.4                              | 10.0     |

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

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

Specific Noise Level

<sup>1/</sup> Measurement on 10.00 a.m. - 11.00 a.m., 06 May 2026

Model and Serial No. : ST-25D and S/N 10340945

Expire Date : 28 June 2026

Calibrator Model and Serial No. : KSM-42C and S/N 160100568

; Residual Noise Level

<sup>2/</sup> Measurement on 06.20 p.m. - 06.25 p.m., 06 May 2026



**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 เอพี เอ็มอี 24 จำกัด  
Project Name : โครงการอาคารชุด โลฟ สาทร์-นราธิวาส 22  
(Life Sathorn-Narathiwas 22)  
Address Project : ถนนนราธิวาสราชนครินทร์ แขวงช่องนนทรี  
เขตยานนาวา กรุงเทพมหานคร  
Sampling Point : พื้นที่โครงการ ด้านทิศใต้  
GPS. Coordinate : 47P 666106 E 1515454 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S69026  
Sample Type : Annoyance Level  
Sampling Date : 14 - 15 May 2026  
Received Date : 18 May 2026  
Analytical Date : 18 - 20 May 2026  
Report Date : 21 May 2026  
Measurement Method : Sound Level Meter

| Sample No. | Sampling Date | Specific<br>Noise Level : $L_{eq}$ | Residual<br>Noise Level : $L_{eq}$ | Background<br>Noise Level : $L_{90}$ | The Values of<br>Annoyance Level | Standard |
|------------|---------------|------------------------------------|------------------------------------|--------------------------------------|----------------------------------|----------|
| S69026/7   | 14-15/05/2026 | 70.1 <sup>1/</sup>                 | 62.0 <sup>2/</sup>                 | 60.1 <sup>2/</sup>                   | 9.3                              | 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 02.00 p.m. - 03.00 p.m., 14 May 2026

Model and Serial No. ; ST-25D and S/N 10340945

Expire Date ; 28 June 2026

Calibrator Model and Serial No. ; KSM-42C and S/N 160100568

; Residual Noise Level

<sup>2/</sup> Measurement on 12.55 p.m. - 01.00 p.m., 14 May 2026



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 เอพี เอ็มอี 24 จำกัด  
Project Name : โครงการอาคารชุด โหลี่ สาทร-นราธิวาส 22  
(Life Sathorn-Narathiwat 22)  
Address Project : ถนนนราธิวาสราชนครินทร์ แขวงช่องนนทรี  
เขตยานนาวา กรุงเทพมหานคร  
Sampling Point : พื้นที่โครงการ ด้านทิศใต้  
GPS. Coordinate : 47P 666106 E 1515454 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S69026  
Sample Type : Annoyance Level  
Sampling Date : 19 – 20 May 2026  
Received Date : 21 May 2026  
Analytical Date : 21 – 25 May 2026  
Report Date : 26 May 2026  
Measurement Method : Sound Level Meter

| Sample No. | Sampling Date | Specific<br>Noise Level : $L_{eq}$ | Residual<br>Noise Level : $L_{eq}$ | Background<br>Noise Level : $L_{90}$ | The Values of<br>Annoyance Level | Standard |
|------------|---------------|------------------------------------|------------------------------------|--------------------------------------|----------------------------------|----------|
| S69026/9   | 19-20/05/2026 | 67.3 <sup>1/</sup>                 | 61.0 <sup>2/</sup>                 | 58.5 <sup>2/</sup>                   | 7.6                              | 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 02.00 p.m. - 03.00 p.m., 19 May 2026

Model and Serial No. : ST-25D and S/N 10340945

Expire Date : 28 June 2026

Calibrator Model and Serial No. : KSM-42C and S/N 160100568

; Residual Noise Level

<sup>2/</sup> Measurement on 06.50 p.m. - 06.55 p.m., 19 May 2026



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 เอพี เอ็มอี 24 จำกัด  
Project Name : โครงการอาคารชุด โลฟ สาทร์-นราธิวาส 22  
(Life Sathorn-Narathiwas 22)  
Address Project : ถนนนราธิวาสราชนครินทร์ แขวงช่องนนทรี  
เขตยานนาวา กรุงเทพมหานคร  
Sampling Point : พื้นที่โครงการ ด้านทิศใต้  
GPS. Coordinate : 47P 666106 E 1515454 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S69026  
Sample Type : Annoyance Level  
Sampling Date : 28 - 29 May 2026  
Received Date : 02 June 2026  
Analytical Date : 02 - 05 June 2026  
Report Date : 08 June 2026  
Measurement Method : Sound Level Meter

| Sample No. | Sampling Date | Specific<br>Noise Level : $L_{eq}$ | Residual<br>Noise Level : $L_{eq}$ | Background<br>Noise Level : $L_{90}$ | The Values of<br>Annoyance Level | Standard |
|------------|---------------|------------------------------------|------------------------------------|--------------------------------------|----------------------------------|----------|
| S69026/11  | 28-29/05/2026 | 69.8 <sup>1/</sup>                 | 61.5 <sup>2/</sup>                 | 59.8 <sup>2/</sup>                   | 9.3                              | 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 09.00 a.m. - 10.00 a.m., 29 May 2026

Model and Serial No. : ST-25D and S/N 10340945

Expire Date : 28 June 2026

Calibrator Model and Serial No. : KSM-42C and S/N 160100568

; Residual Noise Level

<sup>2/</sup> Measurement on 06.30 p.m. - 06.35 p.m., 28 May 2026

## ภาคผนวก ง.3

ความสันสะท้อน





**TNP ENVIRONMENT CO.,LTD.**

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

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

## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท เอพี เอ็มอี 24 จำกัด  
Project Name : โครงการอาคารชุด โลฟท์ สาทร-นราธิวาส 22  
(Life Sathorn-Narathiwas 22)  
Address Project : ถนนนราธิวาสราชนครินทร์ แขวงช่องนนทรี  
เขตยานนาวา กรุงเทพมหานคร  
Sampling Point : พื้นที่โครงการ ด้านทิศเหนือ  
GPS. Coordinate : 47 P 666128 E 1515475 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S69026  
Sample No. : S69026/6  
Sample Type : Vibration  
Sampling Date : 09 - 10 January 2026  
Received Date : 13 January 2026  
Analytical Date : 13 - 15 January 2026  
Report Date : 16 January 2026  
Measurement Method : Vibration Meter

| Interval Time           | Transverse    |           | Vertical      |             | Longitudinal  |           | Standard                              |               |
|-------------------------|---------------|-----------|---------------|-------------|---------------|-----------|---------------------------------------|---------------|
|                         | PPV<br>(mm/s) | f<br>(Hz) | PPV<br>(mm/s) | f<br>(Hz)   | PPV<br>(mm/s) | f<br>(Hz) | f<br>(Hz)                             | PPV<br>(mm/s) |
| 12.00 p.m. - 01.00 p.m. | 0.142         | 3.9       | 0.405         | 5.7         | 0.169         | 4.3       | $f \leq 10$                           | 5.000         |
| 01.00 p.m. - 02.00 p.m. | 0.190         | 4.5       | 0.437         | 6.8         | 0.174         | 5.5       | $f \leq 10$                           | 5.000         |
| 02.00 p.m. - 03.00 p.m. | 0.201         | 10.0      | 0.566         | 12.0        | 0.227         | 8.7       | $10 < f \leq 50$                      | 5.500         |
| 03.00 p.m. - 04.00 p.m. | 0.236         | 9.0       | 0.499         | 10.0        | 0.129         | 4.8       | $f \leq 10$                           | 5.000         |
| 04.00 p.m. - 05.00 p.m. | 0.198         | 6.8       | 0.512         | 9.5         | 0.170         | 5.9       | $f \leq 10$                           | 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. | 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. | 0.169         | 5.6       | 0.308         | 7.7         | 0.143         | 6.2       | $f \leq 10$                           | 5.000         |
| 11.00 a.m. - 12.00 p.m. | 0.180         | 6.4       | 0.493         | 8.9         | 0.211         | 5.7       | $f \leq 10$                           | 5.000         |
| <b>24 Hour Maximum</b>  | -             | -         | <b>0.566</b>  | <b>12.0</b> | -             | -         | <b><math>10 &lt; f \leq 50</math></b> | <b>5.500</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 §, dated June 2 B.E. 2553 (2010)

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

PPV = Peak-to-Peak Value of Frequency Weighted Acceleration (mm/sec<sup>2</sup>)

Mod



**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 เอพี เอ็มอี 24 จำกัด  
Project Name : โครงการอาคารชุด โหลี่ สาทรรนาธิวาส 22  
(Life Sathorn-Narathiwas 22)  
Address Project : ถนนนราธิวาสราชนครินทร์ แขวงช่องนนทรี  
เขตยานนาวา กรุงเทพมหานคร  
Sampling Point : พื้นที่โครงการ ด้านทิศเหนือ  
GPS. Coordinate : 47 P 666144 E 1515479 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S69026  
Sample No. : S69026/8  
Sample Type : Vibration  
Sampling Date : 11 - 12 January 2026  
Received Date : 13 January 2026  
Analytical Date : 13 - 15 January 2026  
Report Date : 16 January 2026  
Measurement Method : Vibration Meter

| Interval Time           | Transverse    |           | Vertical      |             | Longitudinal  |           | Standard                              |               |
|-------------------------|---------------|-----------|---------------|-------------|---------------|-----------|---------------------------------------|---------------|
|                         | PPV<br>(mm/s) | f<br>(Hz) | PPV<br>(mm/s) | f<br>(Hz)   | PPV<br>(mm/s) | f<br>(Hz) | f<br>(Hz)                             | PPV<br>(mm/s) |
| 10.00 a.m. - 11.00 a.m. | 0.169         | 5.3       | 0.512         | 7.5         | 0.130         | 4.8       | $f \leq 10$                           | 5.000         |
| 11.00 a.m. - 12.00 p.m. | 0.194         | 6.3       | 0.558         | 8.4         | 0.207         | 5.2       | $f \leq 10$                           | 5.000         |
| 12.00 p.m. - 01.00 p.m. | 0.140         | 3.4       | 0.419         | 5.6         | 0.199         | 2.7       | $f \leq 10$                           | 5.000         |
| 01.00 p.m. - 02.00 p.m. | 0.201         | 6.2       | 0.528         | 9.3         | 0.188         | 7.1       | $f \leq 10$                           | 5.000         |
| 02.00 p.m. - 03.00 p.m. | 0.219         | 7.0       | 0.574         | 8.8         | 0.230         | 5.6       | $f \leq 10$                           | 5.000         |
| 03.00 p.m. - 04.00 p.m. | 0.197         | 5.8       | 0.600         | 11.0        | 0.169         | 9.0       | $10 < f \leq 50$                      | 5.250         |
| 04.00 p.m. - 05.00 p.m. | 0.224         | 8.7       | 0.425         | 9.7         | 0.140         | 6.3       | $f \leq 10$                           | 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. | N/A           | N/A       | N/A           | N/A         | N/A           | N/A       | -                                     | -             |
| 08.00 a.m. - 09.00 a.m. | 0.138         | 3.7       | 0.394         | 6.9         | 0.176         | 5.2       | $f \leq 10$                           | 5.000         |
| 09.00 a.m. - 10.00 a.m. | 0.144         | 4.2       | 0.451         | 8.4         | 0.130         | 3.3       | $f \leq 10$                           | 5.000         |
| <b>24 Hour Maximum</b>  | -             | -         | <b>0.600</b>  | <b>11.0</b> | -             | -         | <b><math>10 &lt; f \leq 50</math></b> | <b>5.250</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),

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**TNP ENVIRONMENT CO.,LTD.**

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

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

## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท เอพี เอ็มอี 24 จำกัด  
Project Name : โครงการอาคารชุด ไลฟ์ สาทร์-นราธิวาส 22  
(Life Sathorn-Narathiwas 22)  
Address Project : ถนนนราธิวาสราชนครินทร์ แขวงช่องนนทรี  
เขตยานนาวา กรุงเทพมหานคร  
Sampling Point : พื้นที่โครงการ ด้านทิศเหนือ  
GPS. Coordinate : 47 P 666142 E 1515475 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S69026  
Sample No. : S69026/10  
Sample Type : Vibration  
Sampling Date : 22 - 23 January 2026  
Received Date : 26 January 2026  
Analytical Date : 26 - 28 January 2026  
Report Date : 29 January 2026  
Measurement Method : Vibration Meter

| Interval Time           | Transverse    |           | Vertical      |           | Longitudinal  |           | Standard         |               |
|-------------------------|---------------|-----------|---------------|-----------|---------------|-----------|------------------|---------------|
|                         | PPV<br>(mm/s) | f<br>(Hz) | PPV<br>(mm/s) | f<br>(Hz) | PPV<br>(mm/s) | f<br>(Hz) | f<br>(Hz)        | PPV<br>(mm/s) |
| 10.00 a.m. - 11.00 a.m. | 0.170         | 5.8       | 0.416         | 7.4       | 0.179         | 4.7       | $f \leq 10$      | 5.000         |
| 11.00 a.m. - 12.00 p.m. | 0.195         | 6.3       | 0.475         | 8.2       | 0.204         | 5.1       | $f \leq 10$      | 5.000         |
| 12.00 p.m. - 01.00 p.m. | 0.178         | 4.6       | 0.523         | 6.8       | 0.190         | 3.4       | $f \leq 10$      | 5.000         |
| 01.00 p.m. - 02.00 p.m. | 0.203         | 7.4       | 0.539         | 10.0      | 0.178         | 6.2       | $f \leq 10$      | 5.000         |
| 02.00 p.m. - 03.00 p.m. | 0.217         | 8.7       | 0.572         | 9.3       | 0.147         | 5.5       | $f \leq 10$      | 5.000         |
| 03.00 p.m. - 04.00 p.m. | 0.234         | 6.2       | 0.491         | 13.0      | 0.159         | 4.8       | $10 < f \leq 50$ | 5.750         |
| 04.00 p.m. - 05.00 p.m. | 0.198         | 4.9       | 0.540         | 11.0      | 0.200         | 5.9       | $10 < f \leq 50$ | 5.250         |
| 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. | 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. | 0.149         | 4.8       | 0.507         | 9.5       | 0.166         | 5.7       | $f \leq 10$      | 5.000         |
| 24 Hour Maximum         | -             | -         | 0.572         | 9.3       | -             | -         | $f \leq 10$      | 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 §, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency  $\leq 1.0$  Hz, Velocity  $\leq 0.127$  mm/sec)

PPV =

Mode



**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 เอพี เอ็มอี 24 จำกัด  
Project Name : โครงการอาคารชุด ไลฟ์ สาทร-นราธิวาส 22  
(Life Sathorn-Narathiwas 22)  
Address Project : ถนนนราธิวาสราชนครินทร์ แขวงช่องนนทรี  
เขตยานนาวา กรุงเทพมหานคร  
Sampling Point : พื้นที่โครงการ ด้านทิศเหนือ  
GPS. Coordinate : 47 P 666140 E 1515470 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S69026  
Sample No. : S69026/12  
Sample Type : Vibration  
Sampling Date : 27 - 28 January 2026  
Received Date : 29 January 2026  
Analytical Date : 29 January - 02 February 2026  
Report Date : 03 February 2026  
Measurement Method : Vibration Meter

| Interval Time           | Transverse    |           | Vertical      |            | Longitudinal  |           | Standard      |               |
|-------------------------|---------------|-----------|---------------|------------|---------------|-----------|---------------|---------------|
|                         | PPV<br>(mm/s) | f<br>(Hz) | PPV<br>(mm/s) | f<br>(Hz)  | PPV<br>(mm/s) | f<br>(Hz) | f<br>(Hz)     | PPV<br>(mm/s) |
| 10.00 a.m. - 11.00 a.m. | 0.201         | 4.3       | 0.527         | 14.0       | 0.194         | 5.7       | 10 < f ≤ 50   | 6.000         |
| 11.00 a.m. - 12.00 p.m. | 0.219         | 3.8       | 0.495         | 7.6        | 0.237         | 6.2       | f ≤ 10        | 5.000         |
| 12.00 p.m. - 01.00 p.m. | 0.198         | 5.2       | 0.511         | 9.7        | 0.183         | 7.3       | f ≤ 10        | 5.000         |
| 01.00 p.m. - 02.00 p.m. | 0.187         | 6.4       | 0.539         | 8.2        | 0.160         | 9.5       | f ≤ 10        | 5.000         |
| 02.00 p.m. - 03.00 p.m. | 0.224         | 7.6       | 0.618         | 9.4        | 0.159         | 5.4       | f ≤ 10        | 5.000         |
| 03.00 p.m. - 04.00 p.m. | 0.236         | 8.7       | 0.577         | 10.0       | 0.174         | 6.8       | f ≤ 10        | 5.000         |
| 04.00 p.m. - 05.00 p.m. | 0.173         | 5.9       | 0.488         | 7.9        | 0.212         | 5.5       | f ≤ 10        | 5.000         |
| 05.00 p.m. - 06.00 p.m. | N/A           | N/A       | N/A           | N/A        | N/A           | N/A       | -             | -             |
| 06.00 p.m. - 07.00 p.m. | N/A           | N/A       | N/A           | N/A        | N/A           | N/A       | -             | -             |
| 07.00 p.m. - 08.00 p.m. | N/A           | N/A       | N/A           | N/A        | N/A           | N/A       | -             | -             |
| 08.00 p.m. - 09.00 p.m. | N/A           | N/A       | N/A           | N/A        | N/A           | N/A       | -             | -             |
| 09.00 p.m. - 10.00 p.m. | N/A           | N/A       | N/A           | N/A        | N/A           | N/A       | -             | -             |
| 10.00 p.m. - 11.00 p.m. | 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       | -             | -             |
| <b>24 Hour Maximum</b>  | -             | -         | <b>0.618</b>  | <b>9.4</b> | -             | -         | <b>f ≤ 10</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

Me

## ANALYSIS REPORT

**Data Provided by Customer**

Customer Name : บริษัท เอพี เอ็มอี 24 จำกัด  
Project Name : โครงการอาคารชุด โลฟ สาทร-นราธิวาส 22  
(Life Sathorn-Narathiwas 22)  
Address Project : ถนนนราธิวาสราชนครินทร์ แขวงช่องนนทรี  
เขตยานนาวา กรุงเทพมหานคร  
Sampling Point : พื้นที่โครงการ ด้านทิศเหนือ  
GPS. Coordinate : 47P 666130 E 1515476 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

**Data Provided by Laboratory**

Report No. : S69026  
Sample No. : S69026/6  
Sample Type : Vibration  
Sampling Date : 02 - 03 February 2026  
Received Date : 04 February 2026  
Analytical Date : 04 - 06 February 2026  
Report Date : 09 February 2026  
Measurement Method : Vibration Meter

| Interval Time           | Transverse    |           | Vertical      |             | Longitudinal  |           | Standard                      |               |
|-------------------------|---------------|-----------|---------------|-------------|---------------|-----------|-------------------------------|---------------|
|                         | PPV<br>(mm/s) | f<br>(Hz) | PPV<br>(mm/s) | f<br>(Hz)   | PPV<br>(mm/s) | f<br>(Hz) | f<br>(Hz)                     | PPV<br>(mm/s) |
| 11.00 a.m. - 12.00 p.m. | 0.156         | 4.8       | 0.417         | 8.4         | 0.170         | 5.2       | $f \leq 10$                   | 5.000         |
| 12.00 p.m. - 01.00 p.m. | 0.144         | 3.5       | 0.355         | 7.2         | 0.163         | 6.7       | $f \leq 10$                   | 5.000         |
| 01.00 p.m. - 02.00 p.m. | 0.217         | 5.6       | 0.572         | 14.0        | 0.211         | 9.5       | $10 < f \leq 50$              | 6.000         |
| 02.00 p.m. - 03.00 p.m. | 0.302         | 8.2       | 0.614         | 11.0        | 0.138         | 5.9       | $10 < f \leq 50$              | 5.250         |
| 03.00 p.m. - 04.00 p.m. | 0.309         | 8.4       | 0.638         | 10.0        | 0.129         | 6.3       | $f \leq 10$                   | 5.000         |
| 04.00 p.m. - 05.00 p.m. | 0.288         | 6.7       | 0.580         | 9.8         | 0.149         | 4.9       | $f \leq 10$                   | 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. | 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. | 0.150         | 5.3       | 0.418         | 9.5         | 0.142         | 6.3       | $f \leq 10$                   | 5.000         |
| 10.00 a.m. - 11.00 a.m. | 0.163         | 6.0       | 0.511         | 8.7         | 0.153         | 4.8       | $f \leq 10$                   | 5.000         |
| <b>24 Hour Maximum</b>  | -             | -         | <b>0.638</b>  | <b>10.0</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 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  
Model and

## ANALYSIS REPORT

**Data Provided by Customer**

Customer Name : บริษัท เอพี เอ็มอี 24 จำกัด  
Project Name : โครงการอาคารชุด โหลี่ สาทร์-นราธิวาส 22  
(Life Sathorn-Narathiwas 22)  
Address Project : ถนนนราธิวาสราชนครินทร์ แขวงช่องนนทรี  
เขตยานนาวา กรุงเทพมหานคร  
Sampling Point : พื้นที่โครงการ ด้านทิศเหนือ  
GPS. Coordinate : 47P 666143 E 1515480 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

**Data Provided by Laboratory**

Report No. : S69026  
Sample No. : S69026/8  
Sample Type : Vibration  
Sampling Date : 09 - 10 February 2026  
Received Date : 11 February 2026  
Analytical Date : 11 - 13 February 2026  
Report Date : 16 February 2026  
Measurement Method : Vibration Meter

| Interval Time           | Transverse    |           | Vertical      |             | Longitudinal  |           | Standard                              |               |
|-------------------------|---------------|-----------|---------------|-------------|---------------|-----------|---------------------------------------|---------------|
|                         | PPV<br>(mm/s) | f<br>(Hz) | PPV<br>(mm/s) | f<br>(Hz)   | PPV<br>(mm/s) | f<br>(Hz) | f<br>(Hz)                             | PPV<br>(mm/s) |
| 01.00 p.m. - 02.00 p.m. | 0.301         | 6.8       | 0.619         | 9.2         | 0.162         | 5.5       | $f \leq 10$                           | 5.000         |
| 02.00 p.m. - 03.00 p.m. | 0.312         | 7.1       | 0.633         | 11.0        | 0.224         | 6.3       | $10 < f \leq 50$                      | 5.250         |
| 03.00 p.m. - 04.00 p.m. | 0.285         | 5.5       | 0.527         | 8.8         | 0.180         | 4.1       | $f \leq 10$                           | 5.000         |
| 04.00 p.m. - 05.00 p.m. | 0.290         | 6.3       | 0.605         | 13.0        | 0.177         | 5.9       | $10 < f \leq 50$                      | 5.750         |
| 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. | 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. | 0.130         | 4.4       | 0.415         | 9.2         | 0.158         | 6.3       | $f \leq 10$                           | 5.000         |
| 11.00 a.m. - 12.00 p.m. | 0.149         | 5.3       | 0.480         | 10.0        | 0.167         | 5.2       | $f \leq 10$                           | 5.000         |
| 12.00 p.m. - 01.00 p.m. | 0.129         | 5.9       | 0.374         | 8.5         | 0.149         | 4.4       | $f \leq 10$                           | 5.000         |
| <b>24 Hour Maximum</b>  | -             | -         | <b>0.633</b>  | <b>11.0</b> | -             | -         | <b><math>10 &lt; f \leq 50</math></b> | <b>5.250</b>  |

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

Model

## ANALYSIS REPORT

**Data Provided by Customer**

Customer Name : บริษัท เอฟี เอ็มอี 24 จำกัด  
Project Name : โครงการอาคารชุด ไลฟ์ สาทร-นราธิวาส 22  
(Life Sathom-Narathiwas 22)  
Address Project : ถนนนราธิวาสราชนครินทร์ แขวงช่องนนทรี  
เขตยานนาวา กรุงเทพมหานคร  
Sampling Point : พื้นที่โครงการ ด้านทิศเหนือ  
GPS. Coordinate : 47P 666144 E 1515477 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

**Data Provided by Laboratory**

Report No. : S69026  
Sample No. : S69026/10  
Sample Type : Vibration  
Sampling Date : 16 - 17 February 2026  
Received Date : 18 February 2026  
Analytical Date : 18 - 20 February 2026  
Report Date : 23 February 2026  
Measurement Method : Vibration Meter

| Interval Time           | Transverse    |           | Vertical      |            | Longitudinal  |           | Standard                      |               |
|-------------------------|---------------|-----------|---------------|------------|---------------|-----------|-------------------------------|---------------|
|                         | PPV<br>(mm/s) | f<br>(Hz) | PPV<br>(mm/s) | f<br>(Hz)  | PPV<br>(mm/s) | f<br>(Hz) | f<br>(Hz)                     | PPV<br>(mm/s) |
| 10.00 a.m. - 11.00 a.m. | 0.175         | 6.3       | 0.428         | 7.7        | 0.180         | 5.1       | $f \leq 10$                   | 5.000         |
| 11.00 a.m. - 12.00 p.m. | 0.188         | 5.9       | 0.481         | 9.2        | 0.211         | 6.0       | $f \leq 10$                   | 5.000         |
| 12.00 p.m. - 01.00 p.m. | 0.152         | 4.7       | 0.422         | 8.1        | 0.149         | 3.6       | $f \leq 10$                   | 5.000         |
| 01.00 p.m. - 02.00 p.m. | 0.211         | 7.1       | 0.527         | 9.8        | 0.163         | 6.4       | $f \leq 10$                   | 5.000         |
| 02.00 p.m. - 03.00 p.m. | 0.236         | 6.2       | 0.611         | 14.0       | 0.188         | 4.7       | $10 < f \leq 50$              | 6.000         |
| 03.00 p.m. - 04.00 p.m. | 0.244         | 6.5       | 0.620         | 11.0       | 0.207         | 5.2       | $10 < f \leq 50$              | 5.250         |
| 04.00 p.m. - 05.00 p.m. | 0.253         | 5.3       | 0.628         | 9.3        | 0.199         | 4.9       | $f \leq 10$                   | 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. | 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. | 0.150         | 5.3       | 0.441         | 9.8        | 0.167         | 6.3       | $f \leq 10$                   | 5.000         |
| <b>24 Hour Maximum</b>  | -             | -         | <b>0.628</b>  | <b>9.3</b> | -             | -         | <b><math>f \leq 10</math></b> | <b>5.000</b>  |

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

PPV = P

Model a

## ANALYSIS REPORT

**Data Provided by Customer**

Customer Name : บริษัท เอพี เอ็มอี 24 จำกัด  
Project Name : โครงการอาคารชุด โลฟี่ สาทร-นราธิวาส 22  
(Life Sathorn-Narathiwas 22)  
Address Project : ถนนนราธิวาสราชนครินทร์ แขวงช่องนนทรี  
เขตยานนาวา กรุงเทพมหานคร  
Sampling Point : พื้นที่โครงการ ด้านทิศเหนือ  
GPS. Coordinate : 47P 666145 E 1515473 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

**Data Provided by Laboratory**

Report No. : S69026  
Sample No. : S69026/12  
Sample Type : Vibration  
Sampling Date : 23 - 24 February 2026  
Received Date : 25 February 2026  
Analytical Date : 25 - 27 February 2026  
Report Date : 02 March 2026  
Measurement Method : Vibration Meter

| Interval Time           | Transverse    |           | Vertical      |            | Longitudinal  |           | Standard                      |               |
|-------------------------|---------------|-----------|---------------|------------|---------------|-----------|-------------------------------|---------------|
|                         | PPV<br>(mm/s) | f<br>(Hz) | PPV<br>(mm/s) | f<br>(Hz)  | PPV<br>(mm/s) | f<br>(Hz) | f<br>(Hz)                     | PPV<br>(mm/s) |
| 12.00 p.m. - 01.00 p.m. | 0.145         | 3.9       | 0.328         | 8.8        | 0.157         | 4.7       | $f \leq 10$                   | 5.000         |
| 01.00 p.m. - 02.00 p.m. | 0.184         | 4.2       | 0.473         | 7.4        | 0.239         | 6.0       | $f \leq 10$                   | 5.000         |
| 02.00 p.m. - 03.00 p.m. | 0.190         | 5.3       | 0.491         | 9.5        | 0.171         | 6.5       | $f \leq 10$                   | 5.000         |
| 03.00 p.m. - 04.00 p.m. | 0.211         | 6.5       | 0.517         | 8.4        | 0.163         | 7.2       | $f \leq 10$                   | 5.000         |
| 04.00 p.m. - 05.00 p.m. | 0.238         | 7.4       | 0.533         | 9.8        | 0.160         | 5.8       | $f \leq 10$                   | 5.000         |
| 05.00 p.m. - 06.00 p.m. | N/A           | N/A       | N/A           | N/A        | N/A           | N/A       | -                             | -             |
| 06.00 p.m. - 07.00 p.m. | N/A           | N/A       | N/A           | N/A        | N/A           | N/A       | -                             | -             |
| 07.00 p.m. - 08.00 p.m. | N/A           | N/A       | N/A           | N/A        | N/A           | N/A       | -                             | -             |
| 08.00 p.m. - 09.00 p.m. | N/A           | N/A       | N/A           | N/A        | N/A           | N/A       | -                             | -             |
| 09.00 p.m. - 10.00 p.m. | N/A           | N/A       | N/A           | N/A        | N/A           | N/A       | -                             | -             |
| 10.00 p.m. - 11.00 p.m. | N/A           | N/A       | N/A           | N/A        | N/A           | N/A       | -                             | -             |
| 11.00 p.m. - 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. | 0.159         | 4.2       | 0.315         | 8.0        | 0.167         | 5.7       | $f \leq 10$                   | 5.000         |
| 11.00 a.m. - 12.00 p.m. | 0.174         | 5.0       | 0.409         | 9.9        | 0.152         | 4.3       | $f \leq 10$                   | 5.000         |
| <b>24 Hour Maximum</b>  | -             | -         | <b>0.533</b>  | <b>9.8</b> | -             | -         | <b><math>f \leq 10</math></b> | <b>5.000</b>  |

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

PPV =  
Model



**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 เอพี เอ็มอี 24 จำกัด  
Project Name : โครงการอาคารชุด ไหล่ สาทร-นราธิวาส 22  
(Life Sathorn-Narathiwas 22)  
Address Project : ถนนนราธิวาสราชนครินทร์ แขวงช่องนนทรี  
เขตยานนาวา กรุงเทพมหานคร  
Sampling Point : พื้นที่โครงการ ด้านทิศเหนือ  
GPS. Coordinate : 47P 666128 E 1515474 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S69026  
Sample No. : S69026/6  
Sample Type : Vibration  
Sampling Date : 04 - 05 March 2026  
Received Date : 06 March 2026  
Analytical Date : 06 - 10 March 2026  
Report Date : 11 March 2026  
Measurement Method : Vibration Meter

| Interval Time           | Transverse    |           | Vertical      |            | Longitudinal  |           | Standard                      |               |
|-------------------------|---------------|-----------|---------------|------------|---------------|-----------|-------------------------------|---------------|
|                         | PPV<br>(mm/s) | f<br>(Hz) | PPV<br>(mm/s) | f<br>(Hz)  | PPV<br>(mm/s) | f<br>(Hz) | f<br>(Hz)                     | PPV<br>(mm/s) |
| 10.00 a.m. - 11.00 a.m. | 0.253         | 3.2       | 0.526         | 9.3        | 0.182         | 2.6       | $f \leq 10$                   | 5.000         |
| 11.00 a.m. - 12.00 p.m. | 0.198         | 5.2       | 0.425         | 8.2        | 0.195         | 3.6       | $f \leq 10$                   | 5.000         |
| 12.00 p.m. - 01.00 p.m. | N/A           | N/A       | N/A           | N/A        | N/A           | N/A       | -                             | -             |
| 01.00 p.m. - 02.00 p.m. | 0.236         | 3.6       | 0.635         | 7.2        | 0.256         | 4.5       | $f \leq 10$                   | 5.000         |
| 02.00 p.m. - 03.00 p.m. | 0.395         | 3.3       | 0.829         | 6.5        | 0.198         | 2.6       | $f \leq 10$                   | 5.000         |
| 03.00 p.m. - 04.00 p.m. | 0.264         | 2.0       | 0.936         | 5.9        | 0.254         | 3.6       | $f \leq 10$                   | 5.000         |
| 04.00 p.m. - 05.00 p.m. | 0.358         | 2.6       | 1.024         | 5.4        | 0.249         | 4.1       | $f \leq 10$                   | 5.000         |
| 05.00 p.m. - 06.00 p.m. | 0.336         | 3.1       | 0.857         | 6.4        | 0.331         | 2.9       | $f \leq 10$                   | 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. | 0.285         | 2.5       | 0.825         | 5.6        | 0.259         | 3.2       | $f \leq 10$                   | 5.000         |
| <b>24 Hour Maximum</b>  | -             | -         | <b>1.024</b>  | <b>5.4</b> | -             | -         | <b><math>f \leq 10</math></b> | <b>5.000</b>  |

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

PPV

Mod

## ANALYSIS REPORT

**Data Provided by Customer**

Customer Name : บริษัท เอพี เอ็มอี 24 จำกัด  
Project Name : โครงการอาคารชุด โหลี่ สาทร-นราธิวาส 22  
(Life Sathorn-Narathiwas 22)  
Address Project : ถนนนราธิวาสราชนครินทร์ แขวงช่องนนทรี  
เขตยานนาวา กรุงเทพมหานคร  
Sampling Point : พื้นที่โครงการ ด้านทิศเหนือ  
GPS. Coordinate : 47P 666141 E 1515478 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

**Data Provided by Laboratory**

Report No. : S69026  
Sample No. : S69026/8  
Sample Type : Vibration  
Sampling Date : 11 – 12 March 2026  
Received Date : 13 March 2026  
Analytical Date : 13 – 17 March 2026  
Report Date : 18 March 2026  
Measurement Method : Vibration Meter

| Interval Time           | Transverse    |           | Vertical      |            | Longitudinal  |           | Standard                      |               |
|-------------------------|---------------|-----------|---------------|------------|---------------|-----------|-------------------------------|---------------|
|                         | PPV<br>(mm/s) | f<br>(Hz) | PPV<br>(mm/s) | f<br>(Hz)  | PPV<br>(mm/s) | f<br>(Hz) | f<br>(Hz)                     | PPV<br>(mm/s) |
| 01.00 p.m. - 02.00 p.m. | 0.369         | 3.1       | 0.598         | 9.2        | 0.136         | 2.3       | $f \leq 10$                   | 5.000         |
| 02.00 p.m. - 03.00 p.m. | 0.298         | 2.5       | 0.684         | 9.6        | 0.194         | 3.1       | $f \leq 10$                   | 5.000         |
| 03.00 p.m. - 04.00 p.m. | 0.294         | 3.6       | 0.887         | 7.9        | 0.259         | 2.5       | $f \leq 10$                   | 5.000         |
| 04.00 p.m. - 05.00 p.m. | 0.369         | 3.4       | 0.825         | 8.4        | 0.165         | 3.6       | $f \leq 10$                   | 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. | 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. | 0.227         | 2.8       | 0.936         | 7.0        | 0.198         | 2.8       | $f \leq 10$                   | 5.000         |
| 10.00 a.m. - 11.00 a.m. | 0.326         | 3.6       | 0.824         | 6.3        | 0.235         | 2.6       | $f \leq 10$                   | 5.000         |
| 11.00 a.m. - 12.00 p.m. | 0.348         | 3.5       | 0.684         | 6.8        | 0.201         | 3.5       | $f \leq 10$                   | 5.000         |
| 12.00 p.m. - 01.00 p.m. | N/A           | N/A       | N/A           | N/A        | N/A           | N/A       | -                             | -             |
| <b>24 Hour Maximum</b>  | -             | -         | <b>0.936</b>  | <b>7.0</b> | -             | -         | <b><math>f \leq 10</math></b> | <b>5.000</b>  |

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

PPV =

Model

## ANALYSIS REPORT

**Data Provided by Customer**

Customer Name : บริษัท เอพี เอ็มอี 24 จำกัด  
Project Name : โครงการอาคารชุด โลฟ สาทร-นราธิวาส 22  
(Life Sathorn-Narathiwat 22)  
Address Project : ถนนนราธิวาสราชนครินทร์ แขวงช่องนนทรี  
เขตยานนาวา กรุงเทพมหานคร  
Sampling Point : พื้นที่โครงการ ด้านทิศเหนือ  
GPS. Coordinate : 47P 666142 E 1515475 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

**Data Provided by Laboratory**

Report No. : S69026  
Sample No. : S69026/10  
Sample Type : Vibration  
Sampling Date : 18 – 19 March 2026  
Received Date : 20 March 2026  
Analytical Date : 20 – 24 March 2026  
Report Date : 25 March 2026  
Measurement Method : Vibration Meter

| Interval Time           | Transverse    |           | Vertical      |            | Longitudinal  |           | Standard                      |               |
|-------------------------|---------------|-----------|---------------|------------|---------------|-----------|-------------------------------|---------------|
|                         | PPV<br>(mm/s) | f<br>(Hz) | PPV<br>(mm/s) | f<br>(Hz)  | PPV<br>(mm/s) | f<br>(Hz) | f<br>(Hz)                     | PPV<br>(mm/s) |
| 10.00 a.m. - 11.00 a.m. | 0.346         | 3.5       | 0.635         | 9.5        | 0.285         | 2.2       | $f \leq 10$                   | 5.000         |
| 11.00 a.m. - 12.00 p.m. | 0.285         | 2.6       | 0.725         | 8.4        | 0.147         | 3.5       | $f \leq 10$                   | 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. | 0.263         | 3.1       | 0.825         | 7.2        | 0.248         | 3.6       | $f \leq 10$                   | 5.000         |
| 02.00 p.m. - 03.00 p.m. | 0.346         | 3.6       | 0.425         | 8.5        | 0.285         | 2.8       | $f \leq 10$                   | 5.000         |
| 03.00 p.m. - 04.00 p.m. | 0.325         | 4.2       | 0.596         | 6.2        | 0.152         | 4.1       | $f \leq 10$                   | 5.000         |
| 04.00 p.m. - 05.00 p.m. | 0.336         | 3.8       | 0.825         | 8.2        | 0.198         | 4.0       | $f \leq 10$                   | 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. | N/A           | N/A       | N/A           | N/A        | N/A           | N/A       | -                             | -             |
| 08.00 a.m. - 09.00 a.m. | 0.285         | 2.6       | 0.991         | 8.1        | 0.169         | 2.9       | $f \leq 10$                   | 5.000         |
| 09.00 a.m. - 10.00 a.m. | 0.365         | 3.1       | 0.825         | 9.2        | 0.269         | 2.1       | $f \leq 10$                   | 5.000         |
| <b>24 Hour Maximum</b>  | -             | -         | <b>0.991</b>  | <b>8.1</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 §, 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 (Hz), mm/sec = millimeter/second, Hz = Hertz

Mod

## ANALYSIS REPORT

**Data Provided by Customer**

**Customer Name** : บริษัท เอพี เอ็มอี 24 จำกัด  
**Project Name** : โครงการอาคารชุด โลฟ สาทร-นราธิวาส 22  
 (Life Sathorn-Narathiwas 22)  
**Address Project** : ถนนนราธิวาสราชนครินทร์ แขวงช่องนนทรี  
 เขตยานนาวา กรุงเทพมหานคร  
**Sampling Point** : พื้นที่โครงการ ด้านทิศเหนือ  
**GPS. Coordinate** : 47P 666143 E 1515471 N  
**Measurement By** : TNP ENVIRONMENT CO.,LTD.

**Data Provided by Laboratory**

**Report No.** : S69026  
**Sample No.** : S69026/12  
**Sample Type** : Vibration  
**Sampling Date** : 24 – 25 March 2026  
**Received Date** : 26 March 2026  
**Analytical Date** : 26 – 30 March 2026  
**Report Date** : 31 March 2026  
**Measurement Method** : Vibration Meter

| Interval Time           | Transverse    |           | Vertical      |            | Longitudinal  |           | Standard                      |               |
|-------------------------|---------------|-----------|---------------|------------|---------------|-----------|-------------------------------|---------------|
|                         | PPV<br>(mm/s) | f<br>(Hz) | PPV<br>(mm/s) | f<br>(Hz)  | PPV<br>(mm/s) | f<br>(Hz) | f<br>(Hz)                     | PPV<br>(mm/s) |
| 02.00 p.m. - 03.00 p.m. | 0.346         | 3.5       | 0.856         | 5.9        | 0.152         | 2.1       | $f \leq 10$                   | 5.000         |
| 03.00 p.m. - 04.00 p.m. | 0.290         | 3.6       | 0.824         | 6.8        | 0.189         | 2.6       | $f \leq 10$                   | 5.000         |
| 04.00 p.m. - 05.00 p.m. | 0.249         | 3.5       | 0.725         | 7.8        | 0.263         | 3.5       | $f \leq 10$                   | 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. | 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. | 0.364         | 4.1       | 0.986         | 8.6        | 0.264         | 3.5       | $f \leq 10$                   | 5.000         |
| 10.00 a.m. - 11.00 a.m. | 0.425         | 4.0       | 0.826         | 9.5        | 0.256         | 2.8       | $f \leq 10$                   | 5.000         |
| 11.00 a.m. - 12.00 p.m. | 0.364         | 3.5       | 0.746         | 9.0        | 0.220         | 3.6       | $f \leq 10$                   | 5.000         |
| 12.00 p.m. - 01.00 p.m. | N/A           | N/A       | N/A           | N/A        | N/A           | N/A       | -                             | -             |
| 01.00 p.m. - 02.00 p.m. | 0.396         | 2.6       | 0.658         | 8.8        | 0.198         | 2.1       | $f \leq 10$                   | 5.000         |
| <b>24 Hour Maximum</b>  | -             | -         | <b>0.986</b>  | <b>8.6</b> | -             | -         | <b><math>f \leq 10</math></b> | <b>5.000</b>  |

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

Model



**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 เอพี เอ็มอี 24 จำกัด  
Project Name : โครงการอาคารชุด โลฟ สาทร-นราธิวาส 22  
(Life Sathorn-Narathiwas 22)  
Address Project : ถนนนราธิวาสราชนครินทร์ แขวงช่องนนทรี  
เขตยานนาวา กรุงเทพมหานคร  
Sampling Point : พื้นที่โครงการ ด้านทิศเหนือ  
GPS. Coordinate : 47P 666140 E 1515480 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S69026  
Sample No. : S69026/6  
Sample Type : Vibration  
Sampling Date : 02 – 03 April 2026  
Received Date : 07 April 2026  
Analytical Date : 07 – 09 April 2026  
Report Date : 10 April 2026  
Measurement Method : Vibration Meter

| Interval Time           | Transverse    |           | Vertical      |           | Longitudinal  |           | Standard    |               |
|-------------------------|---------------|-----------|---------------|-----------|---------------|-----------|-------------|---------------|
|                         | PPV<br>(mm/s) | f<br>(Hz) | PPV<br>(mm/s) | f<br>(Hz) | PPV<br>(mm/s) | f<br>(Hz) | f<br>(Hz)   | PPV<br>(mm/s) |
| 10.00 a.m. - 11.00 a.m. | 0.326         | 2.8       | 0.649         | 9.2       | 0.264         | 3.1       | $f \leq 10$ | 5.000         |
| 11.00 a.m. - 12.00 p.m. | 0.285         | 3.3       | 0.582         | 8.5       | 0.361         | 3.0       | $f \leq 10$ | 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. | 0.198         | 3.5       | 0.725         | 9.3       | 0.179         | 2.8       | $f \leq 10$ | 5.000         |
| 02.00 p.m. - 03.00 p.m. | 0.258         | 3.9       | 0.816         | 6.4       | 0.202         | 3.6       | $f \leq 10$ | 5.000         |
| 03.00 p.m. - 04.00 p.m. | 0.394         | 4.5       | 0.936         | 5.7       | 0.435         | 4.1       | $f \leq 10$ | 5.000         |
| 04.00 p.m. - 05.00 p.m. | 0.318         | 3.0       | 0.867         | 6.3       | 0.391         | 3.4       | $f \leq 10$ | 5.000         |
| 05.00 p.m. - 06.00 p.m. | 0.289         | 2.8       | 0.848         | 8.7       | 0.346         | 2.7       | $f \leq 10$ | 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. | 0.197         | 2.1       | 0.736         | 7.8       | 0.136         | 2.5       | $f \leq 10$ | 5.000         |
| 24 Hour Maximum         | -             | -         | 0.936         | 5.7       | -             | -         | $f \leq 10$ | 5.000         |

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

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## ANALYSIS REPORT

**Data Provided by Customer**

Customer Name : บริษัท เอพี เอ็มอี 24 จำกัด  
Project Name : โครงการอาคารชุด โลฟี่ สาทร-นราธิวาส 22  
(Life Sathorn-Narathiwas 22)  
Address Project : ถนนนราธิวาสราชนครินทร์ แขวงช่องนนทรี  
เขตยานนาวา กรุงเทพมหานคร  
Sampling Point : พื้นที่โครงการ ด้านทิศเหนือ  
GPS. Coordinate : 47P 666140 E 1515480 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

**Data Provided by Laboratory**

Report No. : S69026  
Sample No. : S69026/8  
Sample Type : Vibration  
Sampling Date : 08 – 09 April 2026  
Received Date : 10 April 2026  
Analytical Date : 10 – 17 April 2026  
Report Date : 20 April 2026  
Measurement Method : Vibration Meter

| Interval Time           | Transverse    |           | Vertical      |           | Longitudinal  |           | Standard    |               |
|-------------------------|---------------|-----------|---------------|-----------|---------------|-----------|-------------|---------------|
|                         | PPV<br>(mm/s) | f<br>(Hz) | PPV<br>(mm/s) | f<br>(Hz) | PPV<br>(mm/s) | f<br>(Hz) | f<br>(Hz)   | PPV<br>(mm/s) |
| 11.00 a.m. - 12.00 p.m. | 0.316         | 2.8       | 1.006         | 8.2       | 0.215         | 2.1       | $f \leq 10$ | 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. | 0.298         | 3.1       | 0.935         | 7.1       | 0.198         | 3.2       | $f \leq 10$ | 5.000         |
| 02.00 p.m. - 03.00 p.m. | 0.349         | 3.3       | 0.826         | 5.9       | 0.260         | 3.0       | $f \leq 10$ | 5.000         |
| 03.00 p.m. - 04.00 p.m. | 0.349         | 3.0       | 0.726         | 6.4       | 0.205         | 2.1       | $f \leq 10$ | 5.000         |
| 04.00 p.m. - 05.00 p.m. | 0.228         | 2.8       | 0.539         | 8.2       | 0.179         | 2.5       | $f \leq 10$ | 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. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 08.00 a.m. - 09.00 a.m. | 0.294         | 2.0       | 0.519         | 9.3       | 0.189         | 2.6       | $f \leq 10$ | 5.000         |
| 09.00 a.m. - 10.00 a.m. | 0.284         | 2.9       | 0.616         | 9.9       | 0.159         | 2.8       | $f \leq 10$ | 5.000         |
| 10.00 a.m. - 11.00 a.m. | 0.316         | 3.1       | 0.798         | 8.4       | 0.201         | 3.1       | $f \leq 10$ | 5.000         |
| 24 Hour Maximum         | -             | -         | 1.006         | 8.2       | -             | -         | $f \leq 10$ | 5.000         |

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



**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 เอพี เอ็มอี 24 จำกัด  
Project Name : โครงการอาคารชุด โลฟ สาทร-นราธิวาส 22  
(Life Sathorn-Narathiwas 22)  
Address Project : ถนนนราธิวาสราชนครินทร์ แขวงช่องนนทรี  
เขตยานนาวา กรุงเทพมหานคร  
Sampling Point : พื้นที่โครงการ ด้านทิศเหนือ  
GPS. Coordinate : 47P 666140 E 1515480 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S69026  
Sample No. : S69026/10  
Sample Type : Vibration  
Sampling Date : 16 – 17 April 2026  
Received Date : 20 April 2026  
Analytical Date : 20 – 22 April 2026  
Report Date : 23 April 2026  
Measurement Method : Vibration Meter

| Interval Time           | Transverse    |           | Vertical      |             | Longitudinal  |           | Standard         |               |
|-------------------------|---------------|-----------|---------------|-------------|---------------|-----------|------------------|---------------|
|                         | PPV<br>(mm/s) | f<br>(Hz) | PPV<br>(mm/s) | f<br>(Hz)   | PPV<br>(mm/s) | f<br>(Hz) | f<br>(Hz)        | PPV<br>(mm/s) |
| 10.00 a.m. - 11.00 a.m. | 0.248         | 3.1       | 0.997         | 10.2        | 0.215         | 3.1       | $10 < f \leq 50$ | 5.050         |
| 11.00 a.m. - 12.00 p.m. | 0.369         | 2.6       | 0.825         | 9.5         | $< 0.127$     | 2.5       | $f \leq 10$      | 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. | 0.198         | 3.4       | 0.523         | 8.4         | 0.148         | 3.4       | $f \leq 10$      | 5.000         |
| 02.00 p.m. - 03.00 p.m. | $< 0.127$     | 2.6       | 0.426         | 7.6         | 0.136         | 2.6       | $f \leq 10$      | 5.000         |
| 03.00 p.m. - 04.00 p.m. | 0.285         | 4.8       | 0.824         | 5.3         | 0.245         | 2.1       | $f \leq 10$      | 5.000         |
| 04.00 p.m. - 05.00 p.m. | 0.482         | 2.5       | 0.736         | 6.4         | 0.198         | 3.6       | $f \leq 10$      | 5.000         |
| 05.00 p.m. - 06.00 p.m. | 0.314         | 2.1       | 0.896         | 8.4         | 0.169         | 2.8       | $f \leq 10$      | 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. | N/A           | N/A       | N/A           | N/A         | N/A           | N/A       | -                | -             |
| 09.00 a.m. - 10.00 a.m. | 0.136         | 2.2       | 0.879         | 8.4         | 0.254         | 3.9       | $f \leq 10$      | 5.000         |
| <b>24 Hour Maximum</b>  | -             | -         | <b>0.997</b>  | <b>10.2</b> | -             | -         | $10 < f \leq 50$ | <b>5.050</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 §, 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

Model

## ANALYSIS REPORT

**Data Provided by Customer**

Customer Name : บริษัท เอพี เอ็มอี 24 จำกัด  
Project Name : โครงการอาคารชุด โลฟ สาทร-นราธิวาส 22  
(Life Sathorn-Narathiwas 22)  
Address Project : ถนนนราธิวาสราชนครินทร์ แขวงช่องนนทรี  
เขตยานนาวา กรุงเทพมหานคร  
Sampling Point : พื้นที่โครงการ ด้านทิศเหนือ  
GPS. Coordinate : 47P 666140 E 1515480 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

**Data Provided by Laboratory**

Report No. : S69026  
Sample No. : S69026/12  
Sample Type : Vibration  
Sampling Date : 23 – 24 April 2026  
Received Date : 27 April 2026  
Analytical Date : 27 – 29 April 2026  
Report Date : 30 April 2026  
Measurement Method : Vibration Meter

| Interval Time           | Transverse    |           | Vertical      |           | Longitudinal  |           | Standard    |               |
|-------------------------|---------------|-----------|---------------|-----------|---------------|-----------|-------------|---------------|
|                         | PPV<br>(mm/s) | f<br>(Hz) | PPV<br>(mm/s) | f<br>(Hz) | PPV<br>(mm/s) | f<br>(Hz) | f<br>(Hz)   | PPV<br>(mm/s) |
| 11.00 a.m. - 12.00 p.m. | 0.264         | 2.1       | 0.458         | 9.6       | 0.148         | 2.3       | $f \leq 10$ | 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. | 0.316         | 3.2       | 0.569         | 9.7       | 0.136         | 3.1       | $f \leq 10$ | 5.000         |
| 02.00 p.m. - 03.00 p.m. | 0.285         | 4.2       | 0.648         | 9.4       | 0.285         | 2.5       | $f \leq 10$ | 5.000         |
| 03.00 p.m. - 04.00 p.m. | 0.319         | 4.8       | 0.869         | 9.2       | 0.275         | 2.6       | $f \leq 10$ | 5.000         |
| 04.00 p.m. - 05.00 p.m. | 0.334         | 3.4       | 0.736         | 6.4       | 0.246         | 3.4       | $f \leq 10$ | 5.000         |
| 05.00 p.m. - 06.00 p.m. | 0.274         | 2.6       | 0.529         | 7.1       | 0.128         | 2.9       | $f \leq 10$ | 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. | 0.316         | 2.1       | 0.825         | 9.2       | 0.128         | 3.1       | $f \leq 10$ | 5.000         |
| 10.00 a.m. - 11.00 a.m. | < 0.127       | 3.6       | 0.749         | 8.4       | 0.201         | 2.8       | $f \leq 10$ | 5.000         |
| 24 Hour Maximum         | -             | -         | 0.869         | 9.2       | -             | -         | $f \leq 10$ | 5.000         |

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

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

Mod

## ANALYSIS REPORT

**Data Provided by Customer**

Customer Name : บริษัท เอพี เอ็มอี 24 จำกัด  
 Project Name : โครงการอาคารชุด โลฟ สาทร-นราธิวาส 22  
 (Life Sathorn-Narathiwas 22)  
 Address Project : ถนนนราธิวาสราชนครินทร์ แขวงช่องนนทรี  
 เขตยานนาวา กรุงเทพมหานคร  
 Sampling Point : พื้นที่โครงการ ด้านทิศเหนือ  
 GPS. Coordinate : 47P 666140 E 1515480 N  
 Measurement By : TNP ENVIRONMENT CO.,LTD.

**Data Provided by Laboratory**

Report No. : S69026  
 Sample No. : S69026/14  
 Sample Type : Vibration  
 Sampling Date : 27 – 28 April 2026  
 Received Date : 29 April 2026  
 Analytical Date : 29 April – 04 May 2026  
 Report Date : 05 May 2026  
 Measurement Method : Vibration Meter

| Interval Time           | Transverse    |           | Vertical      |            | Longitudinal  |           | Standard                      |               |
|-------------------------|---------------|-----------|---------------|------------|---------------|-----------|-------------------------------|---------------|
|                         | PPV<br>(mm/s) | f<br>(Hz) | PPV<br>(mm/s) | f<br>(Hz)  | PPV<br>(mm/s) | f<br>(Hz) | f<br>(Hz)                     | PPV<br>(mm/s) |
| 10.00 a.m. - 11.00 a.m. | 0.316         | 2.3       | 1.104         | 9.8        | < 0.127       | 3.0       | $f \leq 10$                   | 5.000         |
| 11.00 a.m. - 12.00 p.m. | 0.284         | 2.4       | 1.001         | 9.1        | 0.254         | 2.9       | $f \leq 10$                   | 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. | 0.254         | 3.1       | 0.948         | 8.5        | < 0.127       | 3.1       | $f \leq 10$                   | 5.000         |
| 02.00 p.m. - 03.00 p.m. | 0.185         | 4.2       | 0.825         | 7.3        | 0.128         | 3.5       | $f \leq 10$                   | 5.000         |
| 03.00 p.m. - 04.00 p.m. | 0.246         | 3.6       | 0.625         | 5.4        | 0.246         | 4.0       | $f \leq 10$                   | 5.000         |
| 04.00 p.m. - 05.00 p.m. | 0.326         | 2.9       | 0.584         | 6.1        | 0.185         | 3.9       | $f \leq 10$                   | 5.000         |
| 05.00 p.m. - 06.00 p.m. | 0.225         | 2.0       | 0.729         | 5.0        | 0.216         | 2.2       | $f \leq 10$                   | 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. | 0.135         | 2.3       | 0.954         | 9.5        | < 0.127       | 2.4       | $f \leq 10$                   | 5.000         |
| <b>24 Hour Maximum</b>  | -             | -         | <b>1.104</b>  | <b>9.8</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 1, dated June 2 B.E. 2553 (2010)

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

PPV = P

Model a

## ANALYSIS REPORT

**Data Provided by Customer**

**Customer Name** : บริษัท เอพี เอ็มอี 24 จำกัด  
**Project Name** : โครงการอาคารชุด โลฟ สาทร-นราธิวาส 22  
(Life Sathorn-Narathiwas 22)  
**Address Project** : ถนนนราธิวาสราชนครินทร์ แขวงช่องนนทรี  
เขตยานนาวา กรุงเทพมหานคร  
**Sampling Point** : พื้นที่โครงการ ด้านทิศเหนือ  
**GPS. Coordinate** : 47P 666106 E 1515454 N  
**Measurement By** : TNP ENVIRONMENT CO.,LTD.

**Data Provided by Laboratory**

**Report No.** : S69026  
**Sample No.** : S69026/6  
**Sample Type** : Vibration  
**Sampling Date** : 06 – 07 May 2026  
**Received Date** : 08 May 2026  
**Analytical Date** : 08 – 12 May 2026  
**Report Date** : 13 May 2026  
**Measurement Method** : Vibration Meter

| Interval Time           | Transverse    |           | Vertical      |            | Longitudinal  |           | Standard                      |               |
|-------------------------|---------------|-----------|---------------|------------|---------------|-----------|-------------------------------|---------------|
|                         | PPV<br>(mm/s) | f<br>(Hz) | PPV<br>(mm/s) | f<br>(Hz)  | PPV<br>(mm/s) | f<br>(Hz) | f<br>(Hz)                     | PPV<br>(mm/s) |
| 10.00 a.m. - 11.00 a.m. | 0.236         | 3.6       | 0.936         | 6.9        | < 0.127       | 3.2       | $f \leq 10$                   | 5.000         |
| 11.00 a.m. - 12.00 p.m. | 0.154         | 5.4       | 0.714         | 8.4        | 0.321         | 6.5       | $f \leq 10$                   | 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. | 0.265         | 2.3       | 1.131         | 6.8        | 0.165         | 5.4       | $f \leq 10$                   | 5.000         |
| 02.00 p.m. - 03.00 p.m. | 0.824         | 6.4       | 1.265         | 7.5        | 0.245         | 2.1       | $f \leq 10$                   | 5.000         |
| 03.00 p.m. - 04.00 p.m. | 0.936         | 9.8       | 0.968         | 4.1        | 0.396         | 9.8       | $f \leq 10$                   | 5.000         |
| 04.00 p.m. - 05.00 p.m. | 0.824         | 7.4       | 0.824         | 5.2        | 0.415         | 5.4       | $f \leq 10$                   | 5.000         |
| 05.00 p.m. - 06.00 p.m. | 0.314         | 5.2       | 0.714         | 3.5        | 0.223         | 7.2       | $f \leq 10$                   | 5.000         |
| 06.00 p.m. - 07.00 p.m. | 0.714         | 5.5       | 0.362         | 4.6        | 0.326         | 3.4       | $f \leq 10$                   | 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. | 0.135         | 2.1       | 0.425         | 3.6        | < 0.127       | 2.5       | $f \leq 10$                   | 5.000         |
| 09.00 a.m. - 10.00 a.m. | 0.246         | 5.1       | 0.419         | 2.5        | 0.154         | 2.6       | $f \leq 10$                   | 5.000         |
| <b>24 Hour Maximum</b>  | -             | -         | <b>1.265</b>  | <b>7.5</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 §, 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  
Mod



**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 เอพี เอ็มอี 24 จำกัด  
Project Name : โครงการอาคารชุด โลฟี่ สาทร-นราธิวาส 22  
(Life Sathorn-Narathiwas 22)  
Address Project : ถนนนราธิวาสราชนครินทร์ แขวงช่องนนทรี  
เขตยานนาวา กรุงเทพมหานคร  
Sampling Point : พื้นที่โครงการ ด้านทิศเหนือ  
GPS. Coordinate : 47P 666106 E 1515454 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

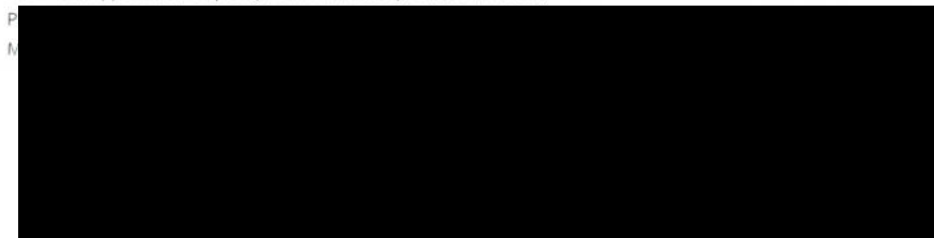
### Data Provided by Laboratory

Report No. : S69026  
Sample No. : S69026/8  
Sample Type : Vibration  
Sampling Date : 14 – 15 May 2026  
Received Date : 18 May 2026  
Analytical Date : 18 – 20 May 2026  
Report Date : 21 May 2026  
Measurement Method : Vibration Meter

| Interval Time           | Transverse    |           | Vertical      |           | Longitudinal  |           | Standard    |               |
|-------------------------|---------------|-----------|---------------|-----------|---------------|-----------|-------------|---------------|
|                         | PPV<br>(mm/s) | f<br>(Hz) | PPV<br>(mm/s) | f<br>(Hz) | PPV<br>(mm/s) | f<br>(Hz) | f<br>(Hz)   | PPV<br>(mm/s) |
| 10.00 a.m. - 11.00 a.m. | 0.214         | 2.6       | 0.936         | 3.6       | 0.326         | 2.6       | $f \leq 10$ | 5.000         |
| 11.00 a.m. - 12.00 p.m. | 0.232         | 3.5       | 0.485         | 2.5       | 0.221         | 3.5       | $f \leq 10$ | 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. | 0.625         | 4.1       | 0.231         | 4.8       | 0.416         | 4.1       | $f \leq 10$ | 5.000         |
| 02.00 p.m. - 03.00 p.m. | 0.485         | 2.0       | 0.426         | 6.3       | 0.523         | 5.6       | $f \leq 10$ | 5.000         |
| 03.00 p.m. - 04.00 p.m. | 0.392         | 3.5       | 0.825         | 5.1       | 0.471         | 6.0       | $f \leq 10$ | 5.000         |
| 04.00 p.m. - 05.00 p.m. | 0.154         | 6.9       | 0.396         | 2.0       | < 0.127       | 2.6       | $f \leq 10$ | 5.000         |
| 05.00 p.m. - 06.00 p.m. | 0.714         | 5.7       | 0.714         | 7.4       | < 0.127       | 6.3       | $f \leq 10$ | 5.000         |
| 06.00 p.m. - 07.00 p.m. | 0.231         | 4.2       | 0.472         | 9.9       | 0.146         | 3.5       | $f \leq 10$ | 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. | < 0.127       | 2.1       | 0.326         | 1.2       | 0.231         | 2.5       | $f \leq 10$ | 5.000         |
| 09.00 a.m. - 10.00 a.m. | 0.165         | 4.5       | 0.215         | 3.5       | 0.425         | 6.4       | $f \leq 10$ | 5.000         |
| 24 Hour Maximum         | -             | -         | 0.936         | 3.6       | -             | -         | $f \leq 10$ | 5.000         |

**Standard** : Notification of National Environmental Board No. 37 B.E. 2553 (2010), Under the Enhancement and Conservation of National Environmental Quality Act B.E. 2535 (1992) published in the Royal Government Gazette No. 127 Special Part 69 3, dated June 2 B.E. 2553 (2010)

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



## ANALYSIS REPORT

**Data Provided by Customer**

Customer Name : บริษัท เอพี เอ็มอี 24 จำกัด  
 Project Name : โครงการอาคารชุด โลฟท์ สาทร-นราธิวาส 22  
 (Life Sathorn-Narathiwas 22)  
 Address Project : ถนนนราธิวาสราชนครินทร์ แขวงช่องนนทรี  
 เขตยานนาวา กรุงเทพมหานคร  
 Sampling Point : พื้นที่โครงการ ด้านทิศเหนือ  
 GPS. Coordinate : 47P 666106 E 1515454 N  
 Measurement By : TNP ENVIRONMENT CO.,LTD.

**Data Provided by Laboratory**

Report No. : S69026  
 Sample No. : S69026/10  
 Sample Type : Vibration  
 Sampling Date : 19 – 20 May 2026  
 Received Date : 21 May 2026  
 Analytical Date : 21 – 25 May 2026  
 Report Date : 26 May 2026  
 Measurement Method : Vibration Meter

| Interval Time           | Transverse    |           | Vertical      |             | Longitudinal  |           | Standard                      |               |
|-------------------------|---------------|-----------|---------------|-------------|---------------|-----------|-------------------------------|---------------|
|                         | PPV<br>(mm/s) | f<br>(Hz) | PPV<br>(mm/s) | f<br>(Hz)   | PPV<br>(mm/s) | f<br>(Hz) | f<br>(Hz)                     | PPV<br>(mm/s) |
| 02.00 p.m. - 03.00 p.m. | < 0.127       | 3.2       | 0.362         | 6.5         | < 0.127       | 3.2       | $f \leq 10$                   | 5.000         |
| 03.00 p.m. - 04.00 p.m. | < 0.127       | 9.8       | 0.625         | 8.4         | 0.326         | 4.6       | $f \leq 10$                   | 5.000         |
| 04.00 p.m. - 05.00 p.m. | 0.221         | 6.4       | 0.714         | 7.2         | 0.152         | 6.2       | $f \leq 10$                   | 5.000         |
| 05.00 p.m. - 06.00 p.m. | 0.415         | 5.1       | 0.811         | 9.3         | 0.462         | 5.1       | $f \leq 10$                   | 5.000         |
| 06.00 p.m. - 07.00 p.m. | 0.564         | 3.2       | 0.365         | 4.1         | 0.321         | 2.0       | $f \leq 10$                   | 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. | 0.326         | 2.4       | 0.936         | 3.2         | < 0.127       | 2.4       | $f \leq 10$                   | 5.000         |
| 09.00 a.m. - 10.00 a.m. | 0.142         | 5.1       | 1.263         | 6.5         | 0.245         | 4.1       | $f \leq 10$                   | 5.000         |
| 10.00 a.m. - 11.00 a.m. | 0.250         | 6.2       | 1.936         | 13.6        | 0.473         | 5.0       | $10 < f \leq 50$              | 5.900         |
| 11.00 a.m. - 12.00 p.m. | 0.326         | 3.0       | 1.032         | 9.8         | 0.621         | 6.3       | $f \leq 10$                   | 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. | 0.411         | 5.6       | 0.965         | 4.7         | < 0.127       | 8.4       | $f \leq 10$                   | 5.000         |
| <b>24 Hour Maximum</b>  | -             | -         | <b>1.936</b>  | <b>13.6</b> | -             | -         | <b><math>f \leq 10</math></b> | <b>5.900</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  
 Mo



**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 เอพี เอ็มอี 24 จำกัด  
Project Name : โครงการอาคารชุด โลฟี่ สาทร-นราธิวาส 22  
(Life Sathorn-Narathiwas 22)  
Address Project : ถนนนราธิวาสราชนครินทร์ แขวงช่องนนทรี  
เขตยานนาวา กรุงเทพมหานคร  
Sampling Point : พื้นที่โครงการ ด้านทิศเหนือ  
GPS. Coordinate : 47P 666106 E 1515454 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S69026  
Sample No. : S69026/12  
Sample Type : Vibration  
Sampling Date : 28 - 29 May 2026  
Received Date : 02 June 2026  
Analytical Date : 02 - 05 June 2026  
Report Date : 08 June 2026  
Measurement Method : Vibration Meter

| Interval Time           | Transverse    |           | Vertical      |            | Longitudinal  |           | Standard                      |               |
|-------------------------|---------------|-----------|---------------|------------|---------------|-----------|-------------------------------|---------------|
|                         | PPV<br>(mm/s) | f<br>(Hz) | PPV<br>(mm/s) | f<br>(Hz)  | PPV<br>(mm/s) | f<br>(Hz) | f<br>(Hz)                     | PPV<br>(mm/s) |
| 10.00 a.m. - 11.00 a.m. | 0.824         | 4.1       | 0.635         | 7.2        | 0.315         | 8.9       | $f \leq 10$                   | 5.000         |
| 11.00 a.m. - 12.00 p.m. | 0.369         | 8.7       | 0.142         | 3.9        | 0.296         | 9.0       | $f \leq 10$                   | 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. | 0.647         | 9.2       | < 0.127       | 5.8        | 0.148         | 6.5       | $f \leq 10$                   | 5.000         |
| 02.00 p.m. - 03.00 p.m. | 0.326         | 5.6       | 0.285         | 5.6        | < 0.127       | 3.6       | $f \leq 10$                   | 5.000         |
| 03.00 p.m. - 04.00 p.m. | 0.142         | 6.3       | 0.457         | 7.1        | 0.142         | 2.4       | $f \leq 10$                   | 5.000         |
| 04.00 p.m. - 05.00 p.m. | 0.321         | 3.4       | 0.310         | 9.0        | 0.336         | 5.1       | $f \leq 10$                   | 5.000         |
| 05.00 p.m. - 06.00 p.m. | 0.421         | 4.1       | 0.925         | 8.4        | 0.524         | 8.6       | $f \leq 10$                   | 5.000         |
| 06.00 p.m. - 07.00 p.m. | 0.267         | 8.2       | 1.142         | 6.3        | 0.261         | 6.0       | $f \leq 10$                   | 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. | 0.142         | 3.5       | 0.935         | 5.1        | < 0.127       | 3.2       | $f \leq 10$                   | 5.000         |
| 09.00 a.m. - 10.00 a.m. | 0.265         | 6.2       | 0.724         | 2.4        | 0.426         | 6.5       | $f \leq 10$                   | 5.000         |
| <b>24 Hour Maximum</b>  | -             | -         | <b>1.142</b>  | <b>6.3</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 1, dated June 2 B.E. 2553 (2010)

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

PPV = Peak

Model a

## ภาคผนวก ง.4

คุณภาพน้ำทิ้ง



## ANALYSIS REPORT

### Data Provided by Customer

**Customer Name :** บริษัท เอพี เอ็มอี 24 จำกัด  
**Project Name :** โครงการอาคารชุด โลฟ สาทร-นราธิวาส 22  
 (Life Sathorn-Narathiwas 22)  
**Address Project :** ถนนนราธิวาสราชนครินทร์ แขวงช่องนนทรี  
 เขตยานนาวา กรุงเทพมหานคร  
**Sampling Point :** ระบบบำบัดน้ำเสียบริเวณพื้นที่ก่อสร้าง  
**GPS. Coordinate :** 47 P 0666133 E 1515476 N  
**Sampling By :** TNP ENVIRONMENT CO.,LTD.  
**Sampling Method :** Grab Sampling

### Data Provided by Laboratory

**Report No. :** S69026  
**Sample No. :** S69026/1  
**Sample Type :** Wastewater  
**Sampling Date :** 30 January 2026  
**Sampling Time :** 01.16 p.m.  
**Received Date :** 31 January 2026  
**Analytical Date :** 31 January - 19 February 2026  
**Report Date :** 20 February 2026

| Parameter                                | Unit | Analytical Method <sup>1/</sup>                                 | Result | Standard |
|------------------------------------------|------|-----------------------------------------------------------------|--------|----------|
| pH at 25.1 °C                            | -    | Electrometric Method (4500-H <sup>+</sup> B)                    | 7.9    | 5.5-9.0  |
| Total Suspended Solids                   | mg/L | Dried at 103-105°C (2540 D)                                     | < 5.0  | ≤ 60     |
| Total Dissolved Solids                   | mg/L | Dried at 180°C (2540 C)                                         | 125    | -        |
| Biochemical Oxygen Demand *              | mg/L | 5-Day BOD Test, Membrane Electrode Method<br>(4500-O G, 5210 B) | < 2.0  | ≤ 50     |
| Oil and Grease *                         | mg/L | Liquid-Liquid, Partition-Gravimetric Method (5520 B)            | < 2.0  | ≤ 20     |
| Sulfide *                                | mg/L | Iodometric Method (4500-S <sup>2-</sup> F)                      | < 0.60 | -        |
| Total Kjeldahl Nitrogen *, <sup>3/</sup> | mg/L | APHA:4500-Norg (B) <sup>2/</sup>                                | < 0.28 | -        |
| Sample Appearance                        |      | Clear/Little Sediment/Odorless                                  |        |          |

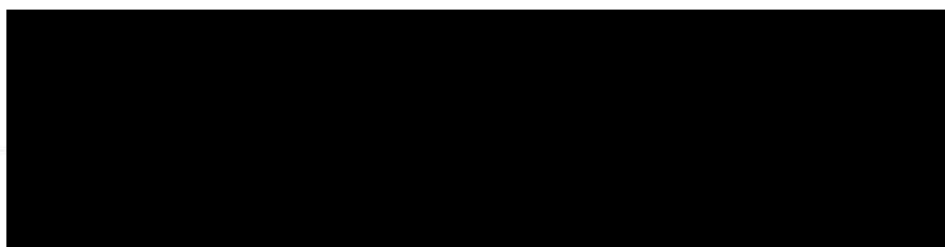
**Standard :** Notification of the Ministry of Natural Resources and Environment, under Enhancement and Conservation of National Environmental Quality Act, B.E. 2567 (2024)., Building type D.

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

<sup>3/</sup> Analyzed by Environment & Laboratory Co.,Ltd. Registration number Wo-029.

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



## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท เอพี เอ็มอี 24 จำกัด  
Project Name : โครงการอาคารชุด ไลฟ์ สาทร-นราธิวาส 22  
(Life Sathorn-Narathiwas 22)  
Address Project : ถนนนราธิวาสราชนครินทร์ แขวงช่องนนทรี  
เขตยานนาวา กรุงเทพมหานคร  
Sampling Point : ระบบบำบัดน้ำเสียบริเวณพื้นที่ก่อสร้าง  
GPS. Coordinate : 47P 666133 E 1515476 N  
Sampling By : TNP ENVIRONMENT CO.,LTD.  
Sampling Method : Grab Sampling

### Data Provided by Laboratory

Report No. : S69026  
Sample No. : S69026/1  
Sample Type : Wastewater  
Sampling Date : 16 February 2026  
Sampling Time : 11.27 a.m.  
Received Date : 17 February 2026  
Analytical Date : 17 February - 05 March 2026  
Report Date : 06 March 2026

| Parameter                                | Unit | Analytical Method <sup>1/</sup>                                 | Result | Standard |
|------------------------------------------|------|-----------------------------------------------------------------|--------|----------|
| pH at 23.9 °C                            | -    | Electrometric Method (4500-H <sup>+</sup> B)                    | 8.2    | 5.5-9.0  |
| Total Suspended Solids                   | mg/L | Dried at 103-105°C (2540 D)                                     | < 5.0  | ≤ 60     |
| Total Dissolved Solids                   | mg/L | Dried at 180°C (2540 C)                                         | 122    | -        |
| Biochemical Oxygen Demand *              | mg/L | 5-Day BOD Test, Membrane Electrode Method<br>(4500-O G, 5210 B) | < 2.0  | ≤ 50     |
| Oil and Grease *                         | mg/L | Liquid-Liquid, Partition-Gravimetric Method (5520 B)            | < 2.0  | ≤ 20     |
| Sulfide *                                | mg/L | Iodometric Method (4500-S <sup>2-</sup> F)                      | < 0.60 | -        |
| Total Kjeldahl Nitrogen *, <sup>3/</sup> | mg/L | APHA:4500-Norg (B) <sup>2/</sup>                                | < 0.28 | -        |
| Sample Appearance                        |      | Clear/Little Sediment/Odorless                                  |        |          |

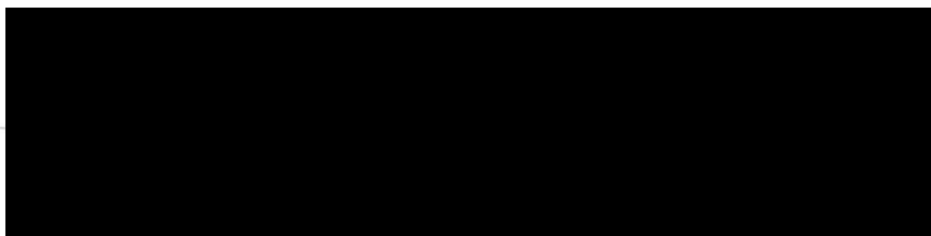
**Standard** : Notification of the Ministry of Natural Resources and Environment, under Enhancement and Conservation of National Environmental Quality Act, B.E. 2567 (2024)., Building type D.

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

<sup>3/</sup> Analyzed by Environment & Laboratory Co.,Ltd. Registration number Wo-029.

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



## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท เอพี เอ็มอี 24 จำกัด  
Project Name : โครงการอาคารชุด โลฟ สาทรรนาธิวาส 22  
(Life Sathorn-Narathiwas 22)  
Address Project : ถนนนาธิวาสราชนครินทร์ แขวงช่องนนทรี  
เขตยานนาวา กรุงเทพมหานคร  
Sampling Point : ระบบบำบัดน้ำเสียบริเวณพื้นที่ก่อสร้าง  
GPS. Coordinate : 47 P 666132 E 1515477 N  
Sampling By : TNP ENVIRONMENT CO.,LTD.  
Sampling Method : Grab Sampling

### Data Provided by Laboratory

Report No. : S69026  
Sample No. : S69026/1  
Sample Type : Wastewater  
Sampling Date : 17 March 2026  
Sampling Time : 11.31 a.m.  
Received Date : 18 March 2026  
Analytical Date : 18 - 30 March 2026  
Report Date : 31 March 2026

| Parameter                                | Unit | Analytical Method <sup>1/</sup>                                 | Result | Standard |
|------------------------------------------|------|-----------------------------------------------------------------|--------|----------|
| pH at 24.4 °C                            | -    | Electrometric Method (4500-H <sup>+</sup> B)                    | 8.1    | 5.5-9.0  |
| Total Suspended Solids                   | mg/L | Dried at 103-105°C (2540 D)                                     | < 5.0  | ≤ 60     |
| Total Dissolved Solids                   | mg/L | Dried at 180°C (2540 C)                                         | 135    | -        |
| Biochemical Oxygen Demand *              | mg/L | 5-Day BOD Test, Membrane Electrode Method<br>(4500-O G, 5210 B) | < 2.0  | ≤ 50     |
| Oil and Grease *                         | mg/L | Liquid-Liquid, Partition-Gravimetric Method (5520 B)            | < 2.0  | ≤ 20     |
| Sulfide *                                | mg/L | Iodometric Method (4500-S <sup>2-</sup> F)                      | < 0.60 | -        |
| Total Kjeldahl Nitrogen *, <sup>3/</sup> | mg/L | APHA:4500-Norg (B) <sup>2/</sup>                                | < 0.28 | -        |
| Sample Appearance                        |      | Clear/Little Sediment/Odorless                                  |        |          |

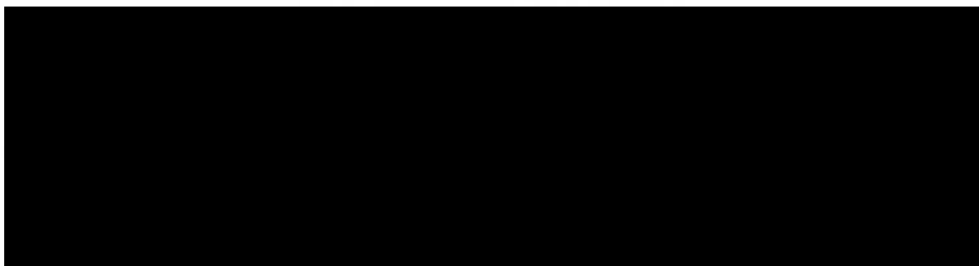
**Standard** : Notification of the Ministry of Natural Resources and Environment, under Enhancement and Conservation of National Environmental Quality Act, B.E. 2567 (2024)., Building type D.

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

<sup>3/</sup> Analyzed by Environment & Laboratory Co.,Ltd. Registration number Wo-029.

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



## ANALYSIS REPORT

**Data Provided by Customer**

Customer Name : บริษัท เอพี เอ็มอี 24 จำกัด  
Project Name : โครงการอาคารชุด โลฟ สาทร์นราธิวาส 22  
(Life Sathorn-Narathiwas 22)  
Address Project : ถนนราธิวาสราชนครินทร์ แขวงช่องนนทรี  
เขตยานนาวา กรุงเทพมหานคร  
Sampling Point : ระบบบำบัดน้ำเสียบริเวณพื้นที่ก่อสร้าง  
GPS. Coordinate : 47P 666128 E 1515475 N  
Sampling By : TNP ENVIRONMENT CO.,LTD.  
Sampling Method : Grab Sampling

**Data Provided by Laboratory**

Report No. : S69026  
Sample No. : S69026/1  
Sample Type : Wastewater  
Sampling Date : 28 April 2026  
Sampling Time : 11.08 a.m.  
Received Date : 29 April 2026  
Analytical Date : 29 April – 07 May 2026  
Report Date : 08 May 2026

| Parameter                               | Unit | Analytical Method <sup>1/</sup>                                 | Result | Standard |
|-----------------------------------------|------|-----------------------------------------------------------------|--------|----------|
| pH at 24.5 °C                           | -    | Electrometric Method (4500-H <sup>+</sup> B)                    | 8.0    | 5.5-9.0  |
| Total Suspended Solids                  | mg/L | Dried at 103-105°C (2540 D)                                     | < 5.0  | ≤ 60     |
| Total Dissolved Solids                  | mg/L | Dried at 180°C (2540 C)                                         | 112    | -        |
| Biochemical Oxygen Demand *             | mg/L | 5-Day BOD Test, Azide Modification Method<br>(4500-O C, 5210 B) | < 2.0  | ≤ 50     |
| Oil and Grease *                        | mg/L | Liquid-Liquid Partition-Gravimetric Method (5520 B)             | < 2.0  | ≤ 20     |
| Sulfide *                               | mg/L | Iodometric Method (4500-S <sup>2-</sup> F)                      | < 0.60 | -        |
| Total Kjeldahl Nitrogen * <sup>3/</sup> | mg/L | APHA:4500-Norg (B) <sup>2/</sup>                                | < 0.28 | -        |
| Sample Appearance                       |      | Clear/Little Sediment/Odorless                                  |        |          |

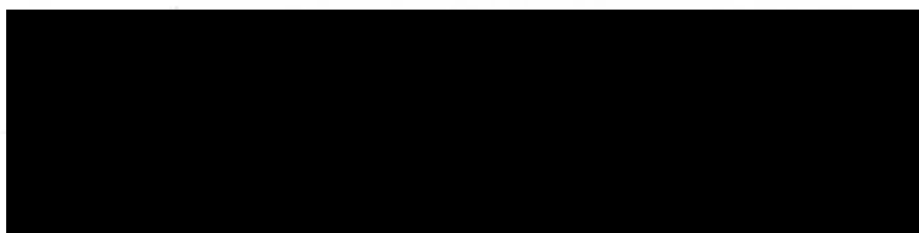
**Standard** : Notification of the Ministry of Natural Resources and Environment, under Enhancement and Conservation of National Environmental Quality Act, B.E. 2567 (2024), Building type D.

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

<sup>3/</sup> Analyzed by Environment & Laboratory Co.,Ltd. Registration number Wo-029.

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



## ANALYSIS REPORT

**Data Provided by Customer**

Customer Name : บริษัท เอพี เอ็มอี 24 จำกัด  
 Project Name : โครงการอาคารชุด โสฬี สาทร-นราธิวาส 22  
 (Life Sathorn-Narathiwas 22)  
 Address Project : ถนนนราธิวาสราชนครินทร์ แขวงช่องนนทรี  
 เขตยานนาวา กรุงเทพมหานคร  
 Sampling Point : ระบบบำบัดน้ำเสียบริเวณพื้นที่ก่อสร้าง  
 GPS. Coordinate : 47 P 666162 E 1515452 N  
 Sampling By : TNP ENVIRONMENT CO.,LTD.  
 Sampling Method : Grab Sampling

**Data Provided by Laboratory**

Report No. : S69026  
 Sample No. : S69026/1  
 Sample Type : Wastewater  
 Sampling Date : 29 May 2026  
 Sampling Time : 11.25 a.m.  
 Received Date : 30 May 2026  
 Analytical Date : 30 May – 12 June 2026  
 Report Date : 15 June 2026

| Parameter                                | Unit | Analytical Method <sup>1/</sup>                                 | Result | Standard |
|------------------------------------------|------|-----------------------------------------------------------------|--------|----------|
| pH at 24.6 °C                            | -    | Electrometric Method (4500-H <sup>+</sup> B)                    | 7.9    | 5.5-9.0  |
| Total Suspended Solids                   | mg/L | Dried at 103-105°C (2540 D)                                     | 31.0   | ≤ 60     |
| Total Dissolved Solids                   | mg/L | Dried at 180°C (2540 C)                                         | 139    | -        |
| Biochemical Oxygen Demand *              | mg/L | 5-Day BOD Test, Azide Modification Method<br>(4500-O G, 5210 B) | < 2.0  | ≤ 50     |
| Oil and Grease *                         | mg/L | Liquid-Liquid, Partition-Gravimetric Method (5520 B)            | < 2.0  | ≤ 20     |
| Sulfide *                                | mg/L | Iodometric Method (4500-S <sup>2-</sup> F)                      | < 0.60 | -        |
| Total Kjeldahl Nitrogen *, <sup>3/</sup> | mg/L | APHA:4500-Norg (B) <sup>2/</sup>                                | < 0.28 | -        |
| 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 D.

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

<sup>3/</sup> Analyzed by Environment & Laboratory Co.,Ltd. Registration number Wo-029.

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

