

## ภาคผนวก ค

### ใบรายงานผลการวิเคราะห์

ภาคผนวก ค-1 ใบรายงานผลการวิเคราะห์คุณภาพอากาศในบรรยากาศ

ภาคผนวก ค-2 ใบรายงานผลการวิเคราะห์ทิศทางลม

ภาคผนวก ค-3 ใบรายงานผลการวิเคราะห์ระดับเสียงโดยทั่วไป

ภาคผนวก ค-4 ใบรายงานผลการวิเคราะห์ความสั่นสะเทือน

ภาคผนวก ค-5 ใบรายงานผลการวิเคราะห์คุณภาพน้ำใต้ดิน

## ภาคผนวก ค-1

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ใบรายงานผลการวิเคราะห์คุณภาพอากาศในบรรยากาศ



United Analyst and Engineering Consultant Co., Ltd.  
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Tel.0 2763 2828 Fax 0 2763 2800 www.uaiconsultant.com E-mail: uae@uaiconsultant.com

UNITED ANALYST AND ENGINEERING  
CONSULTANT COMPANY LIMITED

### ANALYSIS REPORT

**CUSTOMER NAME** : TPI POLYENE PUBLIC COMPANY LIMITED  
**ADDRESS** : 299 MOO 5 MITRAPARP ROAD MITTRAPHAP TABKWANG KAENGKOT SARABURI 18260  
**CONTACT INFORMATION** : TEL : 06 4294 9161 e-mail : Chod.pa@tppolene.co.th  
**SAMPLING SOURCE** : PRATATCHAREONTHAM TEMPLE ส่วนหนึ่งที่ดินของกรมการศาสนา วัดร้าง : 14.631333, 101.108201  
ด้านหนึ่งที่ดิน UTM ของสถานี : 727076E, 1618606N  
**SAMPLE TYPE** : AMBIENT  
**SAMPLING DATE** : \* : MARCH 10, 2025  
**SAMPLING TIME** : \* : MARCH 10-14, 2025  
**SAMPLING BY** : \* : MARCH 18, 2025  
**ANALYZED BY** : MR. CHANIN PHANKAEW  
: MISS JETJARIN TUMSA-AT  
: 2025-U022785  
: 2024-011046  
: T25AF045-0007 - T25AF045-0009

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	
			PRATATCHAREONTHAM TEMPLE	T25AF045-0007 - T25AF045-0009
AVERAGE OF TOTAL SUSPENDED PARTICULATE MATTER	mg/m <sup>3</sup>	US EPA, CODE OF FEDERAL REGULATIONS, 40 CFR CHAPTER I-PART 50 APPENDIX B, REFERENCE METHOD FOR THE DETERMINATION OF SUSPENDED PARTICULATE MATTER IN THE ATMOSPHERE (HIGH-VOLUME METHOD) REVISED AS OF JULY 1, 2021 AND CALCULATION	0.0656	
AVERAGE OF PARTICULATE MATTER as PM10 (≤ 10 µm)	mg/m <sup>3</sup>	US EPA, CODE OF FEDERAL REGULATIONS, 40 CFR CHAPTER I-PART 50 APPENDIX J, REFERENCE METHOD FOR THE DETERMINATION OF PARTICULATE MATTER AS PM10 IN THE ATMOSPHERE (HIGH-VOLUME METHOD) REVISED AS OF JULY 1, 2021 AND CALCULATION	0.0414	
SAMPLE CONDITION		COMPLETE		

**REMARK**  
TSP, PM10 : REFERENCE CONDITION IS 25 DEGREE CELSIUS AT 1 ATMOSPHERE  
: SAMPLING FROM 10:30 HOUR ON MARCH 4, 2025 TO 10:30 HOUR ON MARCH 7, 2025.

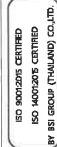
(MISS BUDSAKORN LERDPANUMAS)  
LABORATORY SUPERVISOR

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**ADDRESS** : 299 MOO 5 MITRAPARP ROAD MITTRAPHAP TABKWANG KAENGKOT SARABURI 18260  
**CONTACT INFORMATION** : TEL : 06 4294 9161 e-mail : Chod.pa@tppolene.co.th  
**SAMPLING SOURCE** : PRATATCHAREONTHAM TEMPLE ส่วนหนึ่งที่ดินของกรมการศาสนา วัดร้าง : 14.631333, 101.108201  
ด้านหนึ่งที่ดิน UTM ของสถานี : 727076E, 1618606N  
**SAMPLE TYPE** : AMBIENT  
**SAMPLING DATE** : \* : MARCH 10, 2025  
**SAMPLING TIME** : \* : MARCH 10-14, 2025  
**SAMPLING BY** : \* : MARCH 18, 2025  
**ANALYZED BY** : MR. CHANIN PHANKAEW  
: MISS JETJARIN TUMSA-AT  
: 2025-U022781  
: 2024-011046  
: T25AF045-0007 - T25AF045-0009

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD
			* T25AF045-0007	** PRATATCHAREONTHAM TEMPLE *** T25AF045-0009	
TOTAL SUSPENDED PARTICULATE MATTER	mg/m <sup>3</sup>	US EPA, CODE OF FEDERAL REGULATIONS, 40 CFR CHAPTER I-PART 50 APPENDIX B, REFERENCE METHOD FOR THE DETERMINATION OF SUSPENDED PARTICULATE MATTER IN THE ATMOSPHERE (HIGH-VOLUME METHOD) REVISED AS OF JULY 1, 2021	0.0553	0.0798	0.0608 ≤ 0.33
PARTICULATE MATTER as PM10 (≤ 10 µm)	mg/m <sup>3</sup>	US EPA, CODE OF FEDERAL REGULATIONS, 40 CFR CHAPTER I-PART 50 APPENDIX J, REFERENCE METHOD FOR THE DETERMINATION OF PARTICULATE MATTER AS PM10 IN THE ATMOSPHERE (HIGH-VOLUME METHOD) REVISED AS OF JULY 1, 2021	0.0285	0.0493	0.0484 ≤ 0.12
SAMPLE CONDITION		COMPLETE		COMPLETE	COMPLETE

**REMARK**  
TSP, PM10 : REFERENCE CONDITION IS 25 DEGREE CELSIUS AT 1 ATMOSPHERE  
REGULATORY STANDARD(TSP, PM10) : ANNOUNCEMENT OF THE NATIONAL ENVIRONMENT BOARD BOARD NO.24, B.E.2547 (2004)  
ON THE SPECIFICATION OF AMBIENT AIR QUALITY STANDARDS, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL. 121 PART 104 D, DATED SEPTEMBER 22, 2004.  
\* : SAMPLING FROM 10:30 HOUR ON MARCH 4, 2025 TO 10:30 HOUR ON MARCH 5, 2025.  
\*\* : SAMPLING FROM 10:30 HOUR ON MARCH 5, 2025 TO 10:30 HOUR ON MARCH 6, 2025.  
\*\*\* : SAMPLING FROM 10:30 HOUR ON MARCH 6, 2025 TO 10:30 HOUR ON MARCH 7, 2025.

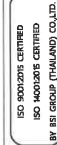
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## ANALYSIS REPORT

CUSTOMER NAME

ADDRESS

CONTACT INFORMATION

SAMPLE SOURCE

SAMPLE TYPE

SAMPLING DATE

SAMPLING TIME

SAMPLING BY

ANALYZED BY

: TPI POLENE PUBLIC COMPANY LIMITED

: 299 MOO 5 MITRAPARP ROAD WITTATRAPHAP TAIKWANGKAI KANGKAI SARABURI 18260

: TEL : 06 4294 9161 e-mail : Chod.pa@tppolene.co.th

: 1. ต้นไม้ปลูกใหม่จาก ต้นพันธุ์ที่คิดของมูลนิธิรพีว : 14.635760, 101.125087

: ต้นพันธุ์ที่คิด UTM ซาธาต : 728891E, 1619113N

: AMBIENT

: \*

: \*

: MR CHANIN PHANKAEW

: MISS JETARIN TUMSA-AT

RECEIVED DATE

ANALYTICAL DATE

ISSUE DATE

REPORT NO.

WORK NO.

ANALYSIS NO.

: MARCH 10, 2025

: MARCH 10-14, 2025

: MARCH 18, 2025

: 2025-U022787

: 2024-011046

: T25AF045-0010 - T25AF045-0012

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT
AVERAGE OF TOTAL SUSPENDED PARTICULATE MATTER	mg/m <sup>3</sup>	US EPA, CODE OF FEDERAL REGULATIONS, 40 CFR CHAPTER I PART 50 APPENDIX B, REFERENCE METHOD FOR THE DETERMINATION OF SUSPENDED PARTICULATE MATTER IN THE ATMOSPHERE (HIGH-VOLUME METHOD) REVISED AS OF JULY 1, 2021 AND CALCULATION	0.1007
AVERAGE OF PARTICULATE MATTER as PM <sub>10</sub> (≤ 10 µm)	mg/m <sup>3</sup>	US EPA, CODE OF FEDERAL REGULATIONS, 40 CFR CHAPTER I PART 50 APPENDIX J, REFERENCE METHOD FOR THE DETERMINATION OF PARTICULATE MATTER AS PM <sub>10</sub> IN THE ATMOSPHERE (HIGH-VOLUME METHOD) REVISED AS OF JULY 1, 2021 AND CALCULATION	0.0359
<b>SAMPLE CONDITION</b>			COMPLETE

REMARK  
TSP, PM10  
\*: REFERENCE CONDITION IS 25 DEGREE CELSIUS AT 1 ATMOSPHERE.  
- SAMPLING FROM 10:00 HOUR ON MARCH 4, 2025 TO 10:00 HOUR ON MARCH 7, 2025

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## ANALYSIS REPORT

CUSTOMER NAME

: TPI POLYENE PUBLIC COMPANY LIMITED

ADDRESS

: 299 MOO 5 MITRAPAP ROAD MITRAPHAP TABKWAENG KAENGKOI SARABURI 18260

CONTACT INFORMATION

TEL

: TEL : 06-4294 9161 e-mail : Chod.pa@tipolene.co.th

SAMPLE SOURCE

SAMPLE TYPE

: AMBIENT

SAMPLING DATE

: \*\*, \*\*\*

SAMPLING TIME

: \*\*, \*\*\*

SAMPLING BY

: MR CHANIN PHANKAEW

ANALYZED BY

: MISS JETARIN TUMSA-AT

RECEIVED DATE

: MARCH 10, 2025

ANALYTICAL DATE

: MARCH 10-14, 2025

ISSUE DATE

: MARCH 18, 2025

REPORT NO.

: 2025-U022782

WORK NO.

: 2025-011046

ANALYSIS NO.

: T75AF045-0010 - T75AF045-0012

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT			REGULATORY STANDARD
			ปฏิกิริยาเคมี			
			ก	ข	ค	
TOTAL SUSPENDED PARTICULATE MATTER	mg/m <sup>3</sup>	US EPA, CODE OF FEDERAL REGULATIONS, 40 CFR CHAPTER I-PART 50 APPENDIX B, REFERENCE METHOD FOR THE DETERMINATION OF SUSPENDED PARTICULATE MATTER IN THE ATMOSPHERE (HIGH-VOLUME METHOD) REVISED AS OF JULY 1, 2021.	TZSAF045-0010	TZSAF045-0011	TZSAF045-0012	≤ 0.33
			0.145	0.0870	0.1007	
PARTICULATE MATTER AS PM <sub>10</sub> (≤ 10 µm)	mg/m <sup>3</sup>	US EPA, CODE OF FEDERAL REGULATIONS, 40 CFR CHAPTER I-PART 50 APPENDIX J, REFERENCE METHOD FOR THE DETERMINATION OF PARTICULATE MATTER AS PM <sub>10</sub> IN THE ATMOSPHERE (HIGH-VOLUME METHOD) REVISED AS OF JULY 1, 2021.	0.0323	0.0389	0.0366	≤ 0.12
SAMPLE CONDITION			COMPLETE	COMPLETE	COMPLETE	

REMARK : REFERENCE CONDITION IS 25 DEGREE CELSIUS AT 1 ATMOSPHERE  
TSP, PM10 : ANNOUNCEMENT OF THE NATIONAL ENVIRONMENT BOARD BOARD NO.24, BE.2647 (2004)  
REGULATORY STANDARD(TSP, PM10) : ANNOUNCEMENT OF THE NATIONAL ENVIRONMENT BOARD BOARD NO.24, BE.2647 (2004)  
ON THE SPECIFICATION OF AMBIENT AIR QUALITY STANDARDS, PUBLISHED IN THE ROYAL  
GOVERNMENT GAZETTE, VOL. 121 PART 104 D, DATED SEPTEMBER 22, 2004.

\* : SAMPLING FROM 10:00 HOUR ON MARCH 4, 2025 TO 10:00 HOUR ON MARCH 5, 2025.

※ : SAMPLING FROM 10:00 HOUR ON MARCH 5, 2025 TO 10:00 HOUR ON MARCH 6, 2025.

\*\*\* : SAMPLING FROM 10:00 HOUR ON MARCH 6, 2025 TO 10:00 HOUR ON MARCH 7, 2025.

.....  
 Bud sakorn ✓  
 (MISS BUDSAKORN LERDPANUMJAS)  
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**CUSTOMER NAME** : TPI POLENE PUBLIC COMPANY LIMITED  
**ADDRESS** : 299 MOO 5 MITRAPARP ROAD MITTRAPHAP TABKWANG KAENGKROI SARABURI 18260  
**CONTACT INFORMATION** : TEL : 06 4294 9161 e-mail : Chod.pa@tppolene.co.th  
**SAMPLE SOURCE** : TUBKWANG RESEARCH CENTER ส่วนหนึ่งทดสอบสารตัวระเหย : 14,484403, 100,965488  
ด้านหนึ่งคือ UTM หนึ่งส่วน : 711839E, 1602209N  
**SAMPLE TYPE** : AMBIENT  
**SAMPLING DATE** : \*  
**SAMPLING TIME** : \*  
**SAMPLING BY** : MR PAIRAT KUMNERAKSA  
**ANALYZED BY** : MISS JETJARIN TUMSA-AT  
**RECEIVED DATE** : MARCH 10, 2025  
**ANALYTICAL DATE** : MARCH 10-14, 2025  
**ISSUE DATE** : MARCH 18, 2025  
**REPORT NO.** : 2025-U02830  
**WORK NO.** : 2024-011046  
**ANALYSIS NO.** : T25AF046-0001 - T25AF046-0003

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	
			TUBKWANG RESEARCH CENTER	T25AF046-0001 - T25AF046-0003
AVERAGE OF TOTAL SUSPENDED PARTICULATE MATTER	mg/m <sup>3</sup>	US EPA, CODE OF FEDERAL REGULATIONS, 40 CFR CHAPTER 40 CFR CHAPTER I-PART 50 APPENDIX B, REFERENCE METHOD FOR THE DETERMINATION OF SUSPENDED PARTICULATE MATTER IN THE ATMOSPHERE (HIGH-VOLUME METHOD) REVISED AS OF JULY 1, 2021 AND CALCULATION	0.0618	
AVERAGE OF PARTICULATE MATTER as PM10 (≤ 10 µm)	mg/m <sup>3</sup>	US EPA, CODE OF FEDERAL REGULATIONS, 40 CFR CHAPTER I-PART 50 APPENDIX J, REFERENCE METHOD FOR THE DETERMINATION OF PARTICULATE MATTER AS PM10 IN THE ATMOSPHERE (HIGH-VOLUME METHOD) REVISED AS OF JULY 1, 2021 AND CALCULATION	0.0335	
SAMPLE CONDITION		COMPLETE		

REMARK  
TSP, PM10 : REFERENCE CONDITION IS 25 DEGREE CELSIUS AT 1 ATMOSPHERE.  
: SAMPLING FROM 10:00 HOUR ON MARCH 4, 2025 TO 10:00 HOUR ON MARCH 7, 2025.

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ANALYSIS REPORT

**CUSTOMER NAME** : TPI POLENE PUBLIC COMPANY LIMITED  
**ADDRESS** : 299 MOO 5 MITRAPARP ROAD MITTRAPHAP TABKWANG KAENGKROI SARABURI 18260  
**CONTACT INFORMATION** : TEL : 06 4294 9161 e-mail : Chod.pa@tppolene.co.th  
**SAMPLE SOURCE** : TUBKWANG RESEARCH CENTER ส่วนหนึ่งทดสอบสารตัวระเหย : 14,484403, 100,965488  
ด้านหนึ่งคือ UTM หนึ่งส่วน : 711839E, 1602209N  
**SAMPLE TYPE** : AMBIENT  
**SAMPLING DATE** : \*  
**SAMPLING TIME** : \*  
**SAMPLING BY** : MR PAIRAT KUMNERAKSA  
**ANALYZED BY** : MISS JETJARIN TUMSA-AT  
**RECEIVED DATE** : MARCH 10, 2025  
**ANALYTICAL DATE** : MARCH 10-14, 2025  
**ISSUE DATE** : MARCH 18, 2025  
**REPORT NO.** : 2025-U02827  
**WORK NO.** : 2024-011046  
**ANALYSIS NO.** : T25AF046-0001 - T25AF046-0003

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT			REGULATORY STANDARD
			TUBKWANG RESEARCH CENTER	**	***	
TOTAL SUSPENDED PARTICULATE MATTER	mg/m <sup>3</sup>	US EPA, CODE OF FEDERAL REGULATIONS, 40 CFR CHAPTER I-PART 50 APPENDIX B, REFERENCE METHOD FOR THE DETERMINATION OF SUSPENDED PARTICULATE MATTER IN THE ATMOSPHERE (HIGH-VOLUME METHOD) REVISED AS OF JULY 1, 2021	0.0804	0.0584	0.0657	≤ 0.33
PARTICULATE MATTER as PM10 (≤ 10 µm)	mg/m <sup>3</sup>	US EPA, CODE OF FEDERAL REGULATIONS, 40 CFR CHAPTER I-PART 50 APPENDIX J, REFERENCE METHOD FOR THE DETERMINATION OF PARTICULATE MATTER AS PM10 IN THE ATMOSPHERE (HIGH-VOLUME METHOD) REVISED AS OF JULY 1, 2021	0.0474	0.0361	0.0170	≤ 0.12
SAMPLE CONDITION		COMPLETE			COMPLETE	COMPLETE

REMARK  
TSP, PM10 : REFERENCE CONDITION IS 25 DEGREE CELSIUS AT 1 ATMOSPHERE  
REGULATORY STANDARD(TSP, PM10) : ANNOUNCEMENT OF THE NATIONAL ENVIRONMENT BOARD BOARD NO.24, B.E.2547 (2004)  
ON THE SPECIFICATION OF AMBIENT AIR QUALITY STANDARDS, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL. 121, PART 104 D, DATED SEPTEMBER 22, 2004.  
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(MISS BUDSAKORN LERDPANUMAS)  
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## ANALYSIS REPORT

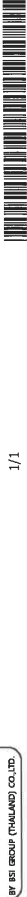
**CUSTOMER NAME** : TPI POLENE PUBLIC COMPANY LIMITED  
**ADDRESS** : 299 MOO 5 MITRAPARP ROAD MITTRAPHAP TABKWANG KAENGKOI SARABURI 18260  
**CONTACT INFORMATION** : TEL : 06 4294 9161 e-mail : Chod.pa@tppolene.co.th  
**SAMPLING SOURCE** : TAM NAKARAT TEMPLE ตำบลนาครวัดเมืองนครราชสีมา : 14.604604, 101.103204  
ตำบลนาครวัด UTM zone32N : 726565E, 1615643N  
**SAMPLE TYPE** : AMBIENT  
**SAMPLING DATE** : \* : \*\* : \*\*\* : MARCH 10, 2025  
**SAMPLING TIME** : \* : \*\* : \*\*\* : MARCH 10-14, 2025  
**SAMPLING BY** : \* : \*\* : \*\*\* : MARCH 18, 2025  
**SAMPLING BY** : MR PAIRAT KUMNERDRAKSA : 2025-U022832  
**ANALYZED BY** : MISS JETJARIN TUNSA-AT : 2024-011046  
**ANALYSIS NO.** : T25AF046-0004 - T25AF046-0006

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	
			TAM NAKARAT TEMPLE T25AF046-0004 - T25AF046-0006	
AVERAGE OF TOTAL SUSPENDED PARTICULATE MATTER	mg/m <sup>3</sup>	US EPA, CODE OF FEDERAL REGULATIONS, 40 CFR CHAPTER 40 CFR PART 50 APPENDIX B, REFERENCE METHOD FOR THE DETERMINATION OF SUSPENDED PARTICULATE MATTER IN THE ATMOSPHERE (HIGH-VOLUME METHOD) REVISED AS OF JULY 1, 2021 AND CALCULATION	0.0619	
AVERAGE OF PARTICULATE MATTER as PM10 (≤ 10 µm)	mg/m <sup>3</sup>	US EPA, CODE OF FEDERAL REGULATIONS, 40 CFR CHAPTER 40 CFR PART 50 APPENDIX J, REFERENCE METHOD FOR THE DETERMINATION OF PARTICULATE MATTER AS PM10 IN THE ATMOSPHERE (HIGH-VOLUME METHOD) REVISED AS OF JULY 1, 2021 AND CALCULATION	0.0251	
SAMPLE CONDITION			COMPLETE	

REMARK : REFERENCE CONDITION IS 25 DEGREE CELSIUS AT 1 ATMOSPHERE  
\* : SAMPLING FROM 10:00 HOUR ON MARCH 4, 2025 TO 10:00 HOUR ON MARCH 7, 2025.

(MISS BUDSAKORN LERDPANUMAS)  
LABORATORY SUPERVISOR

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**CONTACT INFORMATION** : TEL : 06 4294 9161 e-mail : Chod.pa@tppolene.co.th  
**SAMPLING SOURCE** : TAM NAKARAT TEMPLE ตำบลนาครวัดเมืองนครราชสีมา : 14.604604, 101.103204  
ตำบลนาครวัด UTM zone32N : 726565E, 1615643N  
**SAMPLE TYPE** : AMBIENT  
**SAMPLING DATE** : \* : \*\* : \*\*\* : MARCH 10, 2025  
**SAMPLING TIME** : \* : \*\* : \*\*\* : MARCH 10-14, 2025  
**SAMPLING BY** : \* : \*\* : \*\*\* : MARCH 18, 2025  
**SAMPLING BY** : MR PAIRAT KUMNERDRAKSA : 2025-U022828  
**ANALYZED BY** : MISS JETJARIN TUNSA-AT : 2024-011046  
**ANALYSIS NO.** : T25AF046-0004 - T25AF046-0006

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD
			TAM NAKARAT TEMPLE * T25AF046-0004	** *** T25AF046-0005 T25AF046-0006	
TOTAL SUSPENDED PARTICULATE MATTER	mg/m <sup>3</sup>	US EPA, CODE OF FEDERAL REGULATIONS, 40 CFR CHAPTER I-PART 50 APPENDIX B, REFERENCE METHOD FOR THE DETERMINATION OF SUSPENDED PARTICULATE MATTER IN THE ATMOSPHERE (HIGH-VOLUME METHOD) REVISED AS OF JULY 1, 2021	0.0558	0.0651	0.0648 ≤ 0.33
PARTICULATE MATTER as PM10 (≤ 10 µm)	mg/m <sup>3</sup>	US EPA, CODE OF FEDERAL REGULATIONS, 40 CFR CHAPTER I-PART 50 APPENDIX J, REFERENCE METHOD FOR THE DETERMINATION OF PARTICULATE MATTER AS PM10 IN THE ATMOSPHERE (HIGH-VOLUME METHOD) REVISED AS OF JULY 1, 2021	0.0226	0.0307	0.0219 ≤ 0.12
SAMPLE CONDITION			COMPLETE	COMPLETE	COMPLETE

REMARK : REFERENCE CONDITION IS 25 DEGREE CELSIUS AT 1 ATMOSPHERE  
TSP, PM10 : ANNOUNCEMENT OF THE NATIONAL ENVIRONMENT BOARD BOARD NO.24, B.E.2547 (2004)  
REGULATORY STANDARD(TSP, PM10) : ON THE SPECIFICATION OF AMBIENT AIR QUALITY STANDARDS; PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL. 121 PART 104 D, DATED SEPTEMBER 22, 2004.

\* : SAMPLING FROM 10:00 HOUR ON MARCH 4, 2025 TO 10:00 HOUR ON MARCH 5, 2025.  
\*\* : SAMPLING FROM 10:00 HOUR ON MARCH 5, 2025 TO 10:00 HOUR ON MARCH 6, 2025.  
\*\*\* : SAMPLING FROM 10:00 HOUR ON MARCH 6, 2025 TO 10:00 HOUR ON MARCH 7, 2025.

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LABORATORY SUPERVISOR

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Tel.0 2763 2828 Fax 0 2763 2800 www.uaeconsultant.com E-mail: uae@uaeconsultant.com

ANALYSIS REPORT

**CUSTOMER NAME** : TPI POLENE PUBLIC COMPANY LIMITED  
**ADDRESS** : 299 MOO 5 MITRAPAP ROAD MITTRAPHAP TABKWANG KAENGKROI SARABURI 18260  
**CONTACT INFORMATION** : TEL : 06 4294 9161 e-mail : Chod.pa@pipolene.co.th  
**SAMPLING SOURCE** : เกษตรสัมพันธ์ ด้านเหนือฟาร์มของเกษตรวิสัย : 14.600339, 101.116164  
ด้านเหนือฟาร์ม UTM ของสถานี : 727966E, 1615184N  
**SAMPLE TYPE** : AMBIENT  
**SAMPLING DATE** : \* : \*\* : \*\*\* : MARCH 10, 2025  
**SAMPLING TIME** : \* : \*\* : \*\*\* : MARCH 10-14, 2025  
**SAMPLING BY** : \* : \*\* : \*\*\* : MARCH 18, 2025  
**ANALYZED BY** : MR PAIRAT KUMNERDRAKSA : 2025-U02834  
: MISS JETJARIN TUMSA-AT : 2024-011046  
**ANALYSIS NO.** : T25AF046-0007 - T25AF046-0009

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	
			เกษตรสัมพันธ์	T25AF046-0007 - T25AF046-0009
AVERAGE OF TOTAL SUSPENDED PARTICULATE MATTER	mg/m <sup>3</sup>	US EPA, CODE OF FEDERAL REGULATIONS, 40 CFR CHAPTER I PART 50 APPENDIX B, REFERENCE METHOD FOR THE DETERMINATION OF SUSPENDED PARTICULATE MATTER IN THE ATMOSPHERE (HIGH-VOLUME METHOD) REVISED AS OF JULY 1, 2021 AND CALCULATION	0.0715	
AVERAGE OF PARTICULATE MATTER as PM10 (≤ 10 µm)	mg/m <sup>3</sup>	US EPA, CODE OF FEDERAL REGULATIONS, 40 CFR CHAPTER I PART 50 APPENDIX J, REFERENCE METHOD FOR THE DETERMINATION OF PARTICULATE MATTER AS PM10 IN THE ATMOSPHERE (HIGH-VOLUME METHOD) REVISED AS OF JULY 1, 2021 AND CALCULATION	0.0458	
<b>SAMPLE CONDITION</b>		COMPLETE		

REMARK : REFERENCE CONDITION IS 25 DEGREE CELSIUS AT 1 ATMOSPHERE.  
: SAMPLING FROM 09:30 HOUR ON MARCH 4, 2025 TO 09:30 HOUR ON MARCH 7, 2025.

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Tel.0 2763 2828 Fax 0 2763 2800 www.uaeconsultant.com E-mail: uae@uaeconsultant.com

ANALYSIS REPORT

**CUSTOMER NAME** : TPI POLENE PUBLIC COMPANY LIMITED  
**ADDRESS** : 299 MOO 5 MITRAPAP ROAD MITTRAPHAP TABKWANG KAENGKROI SARABURI 18260  
**CONTACT INFORMATION** : TEL : 06 4294 9161 e-mail : Chod.pa@pipolene.co.th  
**SAMPLING SOURCE** : เกษตรสัมพันธ์ ด้านเหนือฟาร์มของเกษตรวิสัย : 14.600339, 101.116164  
ด้านเหนือฟาร์ม UTM ของสถานี : 727966E, 1615184N  
**SAMPLE TYPE** : AMBIENT  
**SAMPLING DATE** : \* : \*\* : \*\*\* : MARCH 10, 2025  
**SAMPLING TIME** : \* : \*\* : \*\*\* : MARCH 10-14, 2025  
**SAMPLING BY** : \* : \*\* : \*\*\* : MARCH 18, 2025  
**ANALYZED BY** : MR PAIRAT KUMNERDRAKSA : 2025-U02829  
: MISS JETJARIN TUMSA-AT : 2024-011046  
**ANALYSIS NO.** : T25AF046-0007 - T25AF046-0009

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT			REGULATORY STANDARD
			*	**	***	
TOTAL SUSPENDED PARTICULATE MATTER	mg/m <sup>3</sup>	US EPA, CODE OF FEDERAL REGULATIONS, 40 CFR CHAPTER I-PART 50 APPENDIX B, REFERENCE METHOD FOR THE DETERMINATION OF SUSPENDED PARTICULATE MATTER IN THE ATMOSPHERE (HIGH-VOLUME METHOD) REVISED AS OF JULY 1, 2021.	0.0768	0.0600	0.0778	≤ 0.33
PARTICULATE MATTER as PM10 (≤ 10 µm)	mg/m <sup>3</sup>	US EPA, CODE OF FEDERAL REGULATIONS, 40 CFR CHAPTER I-PART 50 APPENDIX J, REFERENCE METHOD FOR THE DETERMINATION OF PARTICULATE MATTER AS PM10 IN THE ATMOSPHERE (HIGH-VOLUME METHOD) REVISED AS OF JULY 1, 2021.	0.0441	0.0319	0.0615	≤ 0.12
<b>SAMPLE CONDITION</b>		COMPLETE			COMPLETE	COMPLETE

REMARK : REFERENCE CONDITION IS 25 DEGREE CELSIUS AT 1 ATMOSPHERE.  
TSP, PM10 : ANNOUNCEMENT OF THE NATIONAL ENVIRONMENT BOARD BOARD NO.24, B.E.2547 (2004)  
ON THE SPECIFICATION OF AMBIENT AIR QUALITY STANDARDS, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL. 121 PART 104 D, DATED SEPTEMBER 22, 2004.

\* : SAMPLING FROM 09:30 HOUR ON MARCH 4, 2025 TO 09:30 HOUR ON MARCH 5, 2025.  
\*\* : SAMPLING FROM 09:30 HOUR ON MARCH 5, 2025 TO 09:30 HOUR ON MARCH 6, 2025.  
\*\*\* : SAMPLING FROM 09:30 HOUR ON MARCH 6, 2025 TO 09:30 HOUR ON MARCH 7, 2025.

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ANALYSIS REPORT

CUSTOMER NAME : TPI POLENE PUBLIC COMPANY LIMITED  
ADDRESS : 299 MOO 5 MITRAPARP ROAD MITTRAPHAP TABKWANG KAENGKOT SARABURI 18260  
CONTACT INFORMATION : TEL : 06 4294 9161 e-mail : Chod.pa@tipolene.co.th  
SAMPLING SOURCE : บ้านโพธิ์จรน ตำบลโพธิ์ทองสงครามไร่ : 14.619630, 101.140996  
ตำบลโพธิ์ไร่ UTM มาตรา : 730622E, 1617344N  
SAMPLE TYPE : AMBIENT  
SAMPLING DATE : \* : \* : \* : MARCH 12, 2025  
ANALYTICAL DATE : MARCH 12-18, 2025  
SAMPLING TIME : \* : \* : \* : MARCH 21, 2025  
ISSUE DATE : MARCH 21, 2025  
SAMPLING BY : MR. CHANIN PHANKAEW  
REPORT NO. : 2025-U024206  
SAMPLING BY : MISS JETJARN TUMSA-AT  
WORK NO. : 2024-011046  
ANALYZED BY : MISS JETJARN TUMSA-AT  
ANALYSIS NO. : T25AF306-0010 - T25AF306-0012

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	
			บ้านโพธิ์จรน	T25AF306-0010 - T25AF306-0012
AVERAGE OF TOTAL SUSPENDED PARTICULATE MATTER	mg/m³	US EPA, CODE OF FEDERAL REGULATIONS, 40 CFR CHAPTER 1 PART 50 APPENDIX B, REFERENCE METHOD FOR THE DETERMINATION OF SUSPENDED PARTICULATE MATTER IN THE ATMOSPHERE (HIGH-VOLUME METHOD) REVISED AS OF JULY 1, 2021 AND CALCULATION	0.0368	
AVERAGE OF PARTICULATE MATTER as PM10 (≤ 10 µm)	mg/m³	US EPA, CODE OF FEDERAL REGULATIONS, 40 CFR CHAPTER 1 PART 50 APPENDIX J, REFERENCE METHOD FOR THE DETERMINATION OF PARTICULATE MATTER AS PM10 IN THE ATMOSPHERE (HIGH-VOLUME METHOD) REVISED AS OF JULY 1, 2021 AND CALCULATION	0.0239	
SAMPLE CONDITION			COMPLETE	

REMARK : REFERENCE CONDITION IS 25 DEGREE CELSIUS AT 1 ATMOSPHERE.  
TSP, PM10 : SAMPLING FROM 09:00 HOUR ON MARCH 9, 2025 TO 09:00 HOUR ON MARCH 12, 2025.

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ANALYSIS REPORT

CUSTOMER NAME : TPI POLENE PUBLIC COMPANY LIMITED  
ADDRESS : 299 MOO 5 MITRAPARP ROAD MITTRAPHAP TABKWANG KAENGKOT SARABURI 18260  
CONTACT INFORMATION : TEL : 06 4294 9161 e-mail : Chod.pa@tipolene.co.th  
SAMPLING SOURCE : บ้านโพธิ์จรน ตำบลโพธิ์ทองสงครามไร่ : 14.619630, 101.140996  
ตำบลโพธิ์ไร่ UTM มาตรา : 730622E, 1617344N  
SAMPLE TYPE : AMBIENT  
SAMPLING DATE : \* : \* : \* : MARCH 12, 2025  
ANALYTICAL DATE : MARCH 12-18, 2025  
SAMPLING TIME : \* : \* : \* : MARCH 21, 2025  
ISSUE DATE : MARCH 21, 2025  
SAMPLING BY : MR. CHANIN PHANKAEW  
REPORT NO. : 2025-U024202  
SAMPLING BY : MISS JETJARN TUMSA-AT  
WORK NO. : 2024-011046  
ANALYZED BY : MISS JETJARN TUMSA-AT  
ANALYSIS NO. : T25AF306-0010 - T25AF306-0012

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT			REGULATORY STANDARD
			* T25AF306-0010	** T25AF306-0011	*** T25AF306-0012	
TOTAL SUSPENDED PARTICULATE MATTER	mg/m³	US EPA, CODE OF FEDERAL REGULATIONS, 40 CFR CHAPTER 1 PART 50 APPENDIX B, REFERENCE METHOD FOR THE DETERMINATION OF SUSPENDED PARTICULATE MATTER IN THE ATMOSPHERE (HIGH-VOLUME METHOD) REVISED AS OF JULY 1, 2021	0.0518	0.0295	0.0294	≤ 0.33
PARTICULATE MATTER as PM10 (≤ 10 µm)	mg/m³	US EPA, CODE OF FEDERAL REGULATIONS, 40 CFR CHAPTER 1 PART 50 APPENDIX J, REFERENCE METHOD FOR THE DETERMINATION OF PARTICULATE MATTER AS PM10 IN THE ATMOSPHERE (HIGH-VOLUME METHOD) REVISED AS OF JULY 1, 2021	0.0375	0.0183	0.0179	≤ 0.12
SAMPLE CONDITION			COMPLETE			COMPLETE

REMARK : REFERENCE CONDITION IS 25 DEGREE CELSIUS AT 1 ATMOSPHERE.  
TSP, PM10 : ANNOUNCEMENT OF THE NATIONAL ENVIRONMENT BOARD BOARD NO.24, B.E.2547 (2004)  
REGULATORY STANDARD(TSP, PM10) : ON THE SPECIFICATION OF AMBIENT AIR QUALITY STANDARDS, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL. 121 PART 104 D, DATED SEPTEMBER 22, 2004.  
\* : SAMPLING FROM 09:00 HOUR ON MARCH 9, 2025 TO 09:00 HOUR ON MARCH 10, 2025.  
\*\* : SAMPLING FROM 09:00 HOUR ON MARCH 10, 2025 TO 09:00 HOUR ON MARCH 11, 2025.  
\*\*\* : SAMPLING FROM 09:00 HOUR ON MARCH 11, 2025 TO 09:00 HOUR ON MARCH 12, 2025.

(MISS BUDSAKORN LERDPANUMAS)  
LABORATORY SUPERVISOR



## ภาคผนวก ค-2

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## ANALYSIS REPORT

**CUSTOMER NAME** : TPI POLENE PUBLIC COMPANY LIMITED  
**ADDRESS** : 299 MOO 5 MITRAPARP ROAD MITTRAPHAP TABKWANG KAENGKOI SARABURI 18260  
**CONTACT INFORMATION** : TEL : 06-4294 9161 e-mail : chod.padmuk@gmail.com  
**MEASURING PLACE** : PRATACHAREONTHAM TEMPLE  
**MEASURING TYPE** : AMBIENT (AIR)  
**MEASURING DATE** : MARCH 4-7, 2025  
**MEASURING TIME** : \*  
**MEASURING EQUIPMENT** : WIND SPEED & WIND DIRECTION EQUIPMENT  
**MEASURED BY** : MR CHANIN PHANKAEW  
**RECEIVED DATE** : MARCH 4-7, 2025  
**ANALYTICAL DATE** : MARCH 4-7, 2025  
**ISSUE DATE** : MARCH 13, 2025  
**REPORT NO.** : 2025-U021245  
**WORK NO.** : 2024-011046  
**ANALYSIS NO.** : T25AF045-0007 - T25AF045-0009

TIME*	RESULT (m/s)					
	PRATACHAREONTHAM TEMPLE					
	MARCH 4-5, 2025 T25AF045-0007	MARCH 5-6, 2025 T25AF045-0008	MARCH 6-7, 2025 T25AF045-0009			
08:00-09:00 HOUR	1.9 S	2.5 SSW	0.9 ESE			
09:00-10:00 HOUR	2.5 SE	2.4 SSW	1.0 ESE			
10:00-11:00 HOUR	1.9 SE	1.6 S	1.1 ESE			
11:00-12:00 HOUR	3.1 SE	1.5 ESE	1.0 SE			
12:00-13:00 HOUR	2.6 SE	2.7 ESE	1.1 ESE			
13:00-14:00 HOUR	2.7 SE	2.7 ESE	1.1 SE			
14:00-15:00 HOUR	2.6 SE	2.5 E	0.9 SW			
15:00-16:00 HOUR	1.8 SSE	2.3 E	0.9 SW			
16:00-17:00 HOUR	2.1 SE	2.5 E	1.1 SW			
17:00-18:00 HOUR	1.6 SE	3.0 ESE	1.0 SSW			
18:00-19:00 HOUR	1.5 ESE	2.8 ESE	1.0 SE			
19:00-20:00 HOUR	1.6 SE	2.6 E	0.9 SE			
20:00-21:00 HOUR	1.6 SSE	1.6 ESE	0.8 SE			
21:00-22:00 HOUR	2.0 SE	1.6 ESE	1.4 SSE			
22:00-23:00 HOUR	2.0 SW	1.8 ESE	1.7 SSE			
23:00-00:00 HOUR	2.2 SW	1.5 ESE	2.2 SSE			
00:00-01:00 HOUR	1.6 WSW	1.6 SE	1.6 SSE			
01:00-02:00 HOUR	2.1 W	1.9 SE	1.6 SSE			
02:00-03:00 HOUR	2.5 WNW	1.9 SSE	2.4 SSE			
03:00-04:00 HOUR	2.9 W	1.6 SSE	1.8 SE			
04:00-05:00 HOUR	2.3 SSW	1.4 SSE	2.3 ESE			
05:00-06:00 HOUR	2.7 SSW	1.1 SE	1.6 ESE			
06:00-07:00 HOUR	2.3 SSW	1.2 SE	1.4 E			
07:00-08:00 HOUR	2.9 S	0.8 SE	1.6 E			
AVERAGE	2.2	2.0	1.4			

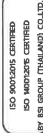
ตำแหน่งที่วัดลมสถานีวัด : 14.631333, 101.108201

ตำแหน่งที่วัด UTM ของสถานี : 7270786, 1618606N

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LABORATORY SUPERVISOR

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## ANALYSIS REPORT

**CUSTOMER NAME** : TPI POLENE PUBLIC COMPANY LIMITED  
**ADDRESS** : 299 MOO 5 MITRAPARP ROAD MITTRAPHAP TABKWANG KAENGKOI SARABURI 18260  
**CONTACT INFORMATION** : TEL : 06-4294 9161 e-mail : chod.padmuk@gmail.com  
**MEASURING PLACE** : SUB-BON PHATTHANA COMMUNITY  
**MEASURING TYPE** : AMBIENT (AIR)  
**MEASURING DATE** : MARCH 4-7, 2025  
**MEASURING TIME** : \*  
**MEASURING EQUIPMENT** : WIND SPEED & WIND DIRECTION EQUIPMENT  
**MEASURED BY** : MR CHANIN PHANKAEW  
**RECEIVED DATE** : MARCH 4-7, 2025  
**ANALYTICAL DATE** : MARCH 4-7, 2025  
**ISSUE DATE** : MARCH 13, 2025  
**REPORT NO.** : 2025-U021246  
**WORK NO.** : 2024-011046  
**ANALYSIS NO.** : T25AF045-0010 - T25AF045-0012

TIME*	RESULT (m/s)					
	SUB-BON PHATTHANA COMMUNITY					
	MARCH 4-5, 2025 T25AF045-0010	MARCH 5-6, 2025 T25AF045-0011	MARCH 6-7, 2025 T25AF045-0012			
08:00-09:00 HOUR	1.0 ESE	1.2 S	2.7 SE			
09:00-10:00 HOUR	1.1 S	1.5 S	2.7 SSE			
10:00-11:00 HOUR	1.6 S	1.3 SE	2.1 SW			
11:00-12:00 HOUR	1.6 SSW	1.8 SSW	2.3 WSW			
12:00-13:00 HOUR	2.7 WSW	2.8 SSW	1.9 SW			
13:00-14:00 HOUR	2.3 WNW	2.0 S	2.0 WSW			
14:00-15:00 HOUR	2.6 W	2.1 SE	1.4 SW			
15:00-16:00 HOUR	2.3 W	2.7 SSE	1.7 SSW			
16:00-17:00 HOUR	2.7 S	1.9 SSE	1.9 S			
17:00-18:00 HOUR	1.7 SSE	2.8 SSE	1.9 SE			
18:00-19:00 HOUR	1.8 SE	2.2 SE	2.2 SE			
19:00-20:00 HOUR	2.3 S	2.2 SSE	2.1 SE			
20:00-21:00 HOUR	2.1 SSE	2.3 SSE	1.9 SE			
21:00-22:00 HOUR	2.1 SE	1.7 SSE	1.3 SSE			
22:00-23:00 HOUR	1.8 SE	1.6 SE	1.4 SSE			
23:00-00:00 HOUR	1.4 SE	2.3 SSE	1.2 S			
00:00-01:00 HOUR	1.2 SE	1.7 ESE	0.7 SSE			
01:00-02:00 HOUR	1.0 SSE	2.2 ESE	0.7 SSE			
02:00-03:00 HOUR	1.0 SSE	2.1 SE	1.0 S			
03:00-04:00 HOUR	0.8 S	1.7 SE	0.6 S			
04:00-05:00 HOUR	1.1 SSE	1.8 SE	1.0 SSE			
05:00-06:00 HOUR	0.9 SSW	2.1 ESE	0.9 SE			
06:00-07:00 HOUR	1.0 S	2.5 ESE	1.2 SE			
07:00-08:00 HOUR	1.0 SSE	2.7 ESE	1.2 SSE			
AVERAGE	1.6	2.0	1.6			

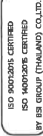
ตำแหน่งที่วัดลมสถานีวัด : 14.636100, 101.124543

ตำแหน่งที่วัด UTM ของสถานี : 728832E, 1619150N

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(MR. SILA BANONGJAIKUK)  
LABORATORY SUPERVISOR

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## ANALYSIS REPORT

**CUSTOMER NAME** : TPI POLENE PUBLIC COMPANY LIMITED  
**ADDRESS** : 299 MOO 5 MITRAPARP ROAD MITTRAPHAP TABKWANG KAENGKOI SARABURI 18260  
**CONTACT INFORMATION** : TEL : 06 4294 9161 e-mail : chod.padmuk@gmail.com  
**MEASURING PLACE** : TUBKWANG RESEARCH CENTER  
**MEASURING TYPE** : AMBIENT (AIR)  
**MEASURING DATE** : MARCH 4-7, 2025  
**MEASURING TIME** : \*  
**MEASURING EQUIPMENT** : WIND SPEED & WIND DIRECTION EQUIPMENT  
**MEASURED BY** : MR PAIRAT KUMNERAKSA  
**RECEIVED DATE** : MARCH 4-7, 2025  
**ANALYTICAL DATE** : MARCH 4-7, 2025  
**ISSUE DATE** : MARCH 13, 2025  
**REPORT NO.** : 2025-U021247  
**WORK NO.** : 2024-011046  
**ANALYSIS NO.** : T25AF046-0001 - T25AF046-0003

TIME*	RESULT (m/s)					
	TUBKWANG RESEARCH CENTER					
	MARCH 4-5, 2025 T25AF046-0001		MARCH 5-6, 2025 T25AF046-0002		MARCH 6-7, 2025 T25AF046-0003	
08:00-09:00 HOUR	WIND SPEED	2.5	WIND DIRECTION	SE	WIND SPEED	1.4
09:00-10:00 HOUR	2.7	SSW	1.5	SSE	2.8	ESE
10:00-11:00 HOUR	0.6	SE	0.7	ESE	1.8	SW
11:00-12:00 HOUR	2.7	SW	1.6	S	2.4	SSE
12:00-13:00 HOUR	1.3	SE	2.1	SSW	2.2	ESE
13:00-14:00 HOUR	2.4	SW	0.8	S	1.6	SW
14:00-15:00 HOUR	2.5	S	0.9	SSE	0.7	WSW
15:00-16:00 HOUR	1.7	NW	0.7	SE	0.5	S
16:00-17:00 HOUR	2.8	SW	2.1	SSW	2.7	ESE
17:00-18:00 HOUR	2.6	SW	0.9	SE	2.0	E
18:00-19:00 HOUR	0.5	SE	2.1	ESE	2.1	SSW
19:00-20:00 HOUR	1.8	SSE	2.3	SE	2.5	SSE
20:00-21:00 HOUR	2.8	SW	1.9	SSE	2.2	SE
21:00-22:00 HOUR	1.5	SE	0.6	SSE	0.8	SE
22:00-23:00 HOUR	2.4	SW	0.9	SSW	2.7	SSE
23:00-00:00 HOUR	2.0	S	1.2	SE	1.6	SE
00:00-01:00 HOUR	1.2	SW	0.9	SE	1.7	SSW
01:00-02:00 HOUR	2.3	S	2.5	N	2.2	SSW
02:00-03:00 HOUR	2.6	SE	2.2	SW	2.0	ESE
03:00-04:00 HOUR	2.7	SE	2.7	SSE	1.5	SE
04:00-05:00 HOUR	2.2	WSW	1.3	SW	0.9	SSW
05:00-06:00 HOUR	1.6	SSW	0.6	SSE	2.3	SSW
06:00-07:00 HOUR	1.4	SE	1.1	S	2.8	S
07:00-08:00 HOUR	0.5	ESE	1.1	SE	1.2	ESE
AVERAGE	2.0	-	1.5	-	1.9	-

ตำแหน่งที่ติดตั้งสถานีตรวจวัด : 14.484403, 100.965488

ตำแหน่งพิกัด UTM ของสถานี : 711839E, 160220N

hid 7p

(MR SILA BANJONGJAIRUK)  
LABORATORY SUPERVISOR

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UNITED ANALYST AND ENGINEERING CONSULTANT COMPANY LIMITED

## ANALYSIS REPORT

**CUSTOMER NAME** : TPI POLENE PUBLIC COMPANY LIMITED  
**ADDRESS** : 299 MOO 5 MITRAPARP ROAD MITTRAPHAP TABKWANG KAENGKOI SARABURI 18260  
**CONTACT INFORMATION** : TEL : 06 4294 9161 e-mail : chod.padmuk@gmail.com  
**MEASURING PLACE** : TAM NAKARAT TEMPLE  
**MEASURING TYPE** : AMBIENT (AIR)  
**MEASURING DATE** : MARCH 4-7, 2025  
**MEASURING TIME** : \*  
**MEASURING EQUIPMENT** : WIND SPEED & WIND DIRECTION EQUIPMENT  
**MEASURED BY** : MR PAIRAT KUMNERAKSA  
**RECEIVED DATE** : MARCH 4-7, 2025  
**ANALYTICAL DATE** : MARCH 4-7, 2025  
**ISSUE DATE** : MARCH 13, 2025  
**REPORT NO.** : 2025-U021248  
**WORK NO.** : 2024-011046  
**ANALYSIS NO.** : T25AF046-0004 - T25AF046-0006

TIME*	RESULT (m/s)					
	TAM NAKARAT TEMPLE					
	MARCH 4-5, 2025 T25AF046-0004		MARCH 5-6, 2025 T25AF046-0005		MARCH 6-7, 2025 T25AF046-0006	
08:00-09:00 HOUR	WIND SPEED	2.3	WIND DIRECTION	S	WIND SPEED	2.5
09:00-10:00 HOUR	2.4	E	1.9	SSW	2.7	SW
10:00-11:00 HOUR	2.2	SW	0.5	SSE	2.4	SE
11:00-12:00 HOUR	1.5	SSE	1.2	ESE	2.0	WSW
12:00-13:00 HOUR	0.9	SSE	0.5	S	1.8	S
13:00-14:00 HOUR	1.2	SE	2.8	SSW	2.2	SSW
14:00-15:00 HOUR	1.4	S	2.1	S	1.8	SW
15:00-16:00 HOUR	2.4	ESE	2.0	S	1.6	SE
16:00-17:00 HOUR	2.3	SE	1.5	SE	1.4	SW
17:00-18:00 HOUR	0.8	S	2.1	SW	2.7	SSW
18:00-19:00 HOUR	2.2	S	2.1	S	1.2	WSW
19:00-20:00 HOUR	2.8	WSW	0.7	ESE	2.1	SSW
20:00-21:00 HOUR	2.6	ESE	2.7	WSW	0.5	SSE
21:00-22:00 HOUR	2.1	SW	2.7	SW	1.8	S
22:00-23:00 HOUR	0.9	SW	0.5	S	2.3	S
23:00-00:00 HOUR	1.2	ESE	2.6	SSE	0.6	SW
00:00-01:00 HOUR	1.1	SW	0.6	SSW	1.0	SSE
01:00-02:00 HOUR	2.0	SSE	1.9	S	1.5	SSE
02:00-03:00 HOUR	0.5	SW	2.0	ESE	0.7	WSW
03:00-04:00 HOUR	2.0	SE	1.8	S	1.2	NW
04:00-05:00 HOUR	1.4	SE	1.5	SW	1.7	SSE
05:00-06:00 HOUR	0.6	SW	0.8	SSE	2.3	SE
06:00-07:00 HOUR	2.2	SE	2.3	SSW	2.3	E
07:00-08:00 HOUR	1.9	ESE	1.9	SSE	1.3	SW
AVERAGE	1.7	-	1.6	-	1.7	-

ตำแหน่งที่ติดตั้งสถานีตรวจวัด : 14.604604, 101.103204

ตำแหน่งพิกัด UTM ของสถานี : 726565E, 1615643N

hid 7p

(MR SILA BANJONGJAIRUK)  
LABORATORY SUPERVISOR

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UNITED ANALYST AND ENGINEERING CONSULTANT COMPANY LIMITED

## ANALYSIS REPORT

**CUSTOMER NAME** : TPI POLENE PUBLIC COMPANY LIMITED  
**ADDRESS** : 299 MOO 5 MITRAPAP ROAD MITTRAPHAP TABKWANG KAENGKOI SARABURI 18260  
**CONTACT INFORMATION** : TEL : 06 4294 9161 e-mail : chod.padmuk@gmail.com  
**MEASURING PLACE** : KASETSAMPHUN COMMUNITY  
**MEASURING TYPE** : AMBIENT (AIR)  
**MEASURING DATE** : MARCH 4-7, 2025  
**MEASURING TIME** : \*  
**MEASURING EQUIPMENT** : WIND SPEED & WIND DIRECTION EQUIPMENT  
**MEASURED BY** : MR PAIRAT KUWNERAKSA  
**RECEIVED DATE** : MARCH 4-7, 2025  
**ANALYTICAL DATE** : MARCH 4-7, 2025  
**ISSUE DATE** : MARCH 13, 2025  
**REPORT NO.** : 2025-U021249  
**WORK NO.** : 2024-011046  
**ANALYSIS NO.** : T25AF046-0007 - T25AF046-0009

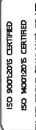
TIME*	RESULT (m/s)					
	KASETSAMPHUN COMMUNITY					
	MARCH 4-5, 2025 T25AF046-0007	MARCH 5-6, 2025 T25AF046-0008	MARCH 6-7, 2025 T25AF046-0009			
08:00-09:00 HOUR	WSW 2.7	SE 2.0	SW 0.5	SW		
09:00-10:00 HOUR	SSW 0.7	SSE 2.2	SSW 2.1	SSW		
10:00-11:00 HOUR	SSE 2.5	ESE 2.8	SSW 1.9	SSW		
11:00-12:00 HOUR	SSE 2.5	NW 1.4	ESE 0.8	ESE		
12:00-13:00 HOUR	SSW 2.4	S 0.8	SE 2.5	SE		
13:00-14:00 HOUR	SW 0.8	SE 2.0	SE 1.6	ESE		
14:00-15:00 HOUR	SW 0.5	SSE 2.4	SW 0.8	SW		
15:00-16:00 HOUR	ESE 1.9	WSW 2.4	SSW 0.9	SE		
16:00-17:00 HOUR	SSW 2.7	SSW 1.8	SSW 0.8	SE		
17:00-18:00 HOUR	WSW 0.7	S 1.3	SE 0.8	SE		
18:00-19:00 HOUR	SSW 1.1	SSE 2.0	S 2.4	S		
19:00-20:00 HOUR	E 2.2	SSW 2.1	ESE 0.7	ESE		
20:00-21:00 HOUR	SE 1.6	SSW 1.2	SSW 2.1	SSE		
21:00-22:00 HOUR	SE 2.5	SE 2.7	S 2.3	SSW		
22:00-23:00 HOUR	S 2.8	SSW 0.9	SW 2.4	SW		
23:00-00:00 HOUR	SSW 1.5	SSW 0.7	SSW 1.5	ESE		
00:00-01:00 HOUR	S 1.0	SSW 1.7	S 1.5	S		
01:00-02:00 HOUR	S 0.9	SE 2.6	SE 0.9	SE		
02:00-03:00 HOUR	S 1.0	S 1.9	SE 1.6	SSW		
03:00-04:00 HOUR	SSE 1.7	SE 0.6	SE 1.1	ESE		
04:00-05:00 HOUR	SSW 2.8	SSW 2.6	SSW 2.3	SSW		
05:00-06:00 HOUR	SSW 2.4	SSW 2.0	SSW 0.8	SSW		
06:00-07:00 HOUR	SSE 2.5	SE 1.8	SSW 1.8	WSW		
07:00-08:00 HOUR	SSE 2.2	NW 2.5	SW 1.6	SW		
AVERAGE	1.8	1.9	1.6	-	-	-

ตำแหน่งพิกัดของสถานีตรวจวัด : 14.600339, 101.116164  
ตำแหน่งพิกัด UTM ของสถานี : 727966E, 1615184N

hid 7p

(MR SILA BANJONGJAIRUK)  
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UNITED ANALYST AND ENGINEERING CONSULTANT COMPANY LIMITED

## ANALYSIS REPORT

**CUSTOMER NAME** : TPI POLENE PUBLIC COMPANY LIMITED  
**ADDRESS** : 299 MOO 5 MITRAPAP ROAD MITTRAPHAP TABKWANG KAENGKOI SARABURI 18260  
**CONTACT INFORMATION** : TEL : 06 4294 9161 e-mail : chod.padmuk@gmail.com  
**MEASURING PLACE** : BAN SAI-NGAM  
**MEASURING TYPE** : AMBIENT (AIR)  
**MEASURING DATE** : MARCH 9-12, 2025  
**MEASURING TIME** : \*  
**MEASURING EQUIPMENT** : WIND SPEED & WIND DIRECTION EQUIPMENT  
**MEASURED BY** : MR CHANTIN PHANKAEW  
**RECEIVED DATE** : MARCH 9-12, 2025  
**ANALYTICAL DATE** : MARCH 9-12, 2025  
**ISSUE DATE** : MARCH 18, 2025  
**REPORT NO.** : 2025-U022942  
**WORK NO.** : 2024-011046  
**ANALYSIS NO.** : T25AF306-0010 - T25AF306-0012

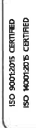
TIME*	RESULT (m/s)					
	BAN SAI-NGAM					
	MARCH 9-10, 2025 T25AF306-0010	MARCH 10-11, 2025 T25AF306-0011	MARCH 11-12, 2025 T25AF306-0012			
08:00-09:00 HOUR	1.0	1.4	NNW	1.0	ESE	
09:00-10:00 HOUR	1.5	1.7	NE	0.8	ENE	
10:00-11:00 HOUR	1.3	1.5	N	1.1	SE	
11:00-12:00 HOUR	1.9	1.5	SE	1.6	ESE	
12:00-13:00 HOUR	2.6	1.5	S	1.9	NNE	
13:00-14:00 HOUR	3.2	1.7	SE	2.9	E	
14:00-15:00 HOUR	3.1	1.9	SSW	2.7	E	
15:00-16:00 HOUR	2.8	1.9	WSW	2.9	ESE	
16:00-17:00 HOUR	2.4	2.4	S	2.3	ENE	
17:00-18:00 HOUR	1.7	3.4	ENE	3.5	SE	
18:00-19:00 HOUR	1.8	2.3	ENE	2.2	ESE	
19:00-20:00 HOUR	1.5	3.4	ESE	2.8	NNW	
20:00-21:00 HOUR	1.5	3.0	N	2.3	NNE	
21:00-22:00 HOUR	2.3	2.2	NNE	1.8	E	
22:00-23:00 HOUR	2.8	2.1	ENE	1.6	N	
23:00-00:00 HOUR	2.5	3.0	ENE	1.8	SE	
00:00-01:00 HOUR	3.0	2.2	NNE	1.7	SE	
01:00-02:00 HOUR	2.7	2.2	NE	1.9	S	
02:00-03:00 HOUR	2.4	1.5	E	1.5	NE	
03:00-04:00 HOUR	2.6	1.3	ESE	1.5	E	
04:00-05:00 HOUR	2.1	1.2	NNE	2.0	NNE	
05:00-06:00 HOUR	1.9	1.1	E	2.3	E	
06:00-07:00 HOUR	1.7	0.8	NE	1.5	NE	
07:00-08:00 HOUR	2.1	0.8	NNE	1.6	NNE	
AVERAGE	2.2	1.9	-	2.0	-	-

ตำแหน่งพิกัดของสถานีตรวจวัด : 14.619630, 101.140996  
ตำแหน่งพิกัด UTM ของสถานี : 730622E, 1617344N

hid 7p

(MR SILA BANJONGJAIRUK)  
LABORATORY SUPERVISOR

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United Analyst and Engineering Consultant Co., Ltd.  
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Tel.0 2763 2828 Fax 0 2763 2800 www.uaiconsultant.com E-mail: uae@uaiconsultant.com

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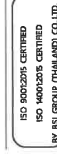
## ANALYSIS REPORT

**CUSTOMER NAME** : TPI POLENE PUBLIC COMPANY LIMITED  
**ADDRESS** : 299 MOO 5 MITRAPAR ROAD MITTRAPHAP TABKWANG KAENGKOT SARABURI 18260  
**CONTACT INFORMATION** : TEL : 06 4294 9161 e-mail : Chod.pa@tppolene.co.th  
**MEASURING SOURCE** : BAN SAI-NGAM  
**MEASURING TYPE** : AMBIENT (NOISE)  
**MEASURING DATE** : FEBRUARY 10-13, 2025  
**MEASURING TIME** : \*  
**MEASURING METHOD** : INTEGRATED SOUND LEVEL METER\*\*  
**MEASURED BY** : MR PAIRAT KUMNERAKSA

**RECEIVED DATE** : FEBRUARY 10-13, 2025  
**ANALYTICAL DATE** : FEBRUARY 10-13, 2025  
**ISSUE DATE** : FEBRUARY 24, 2025  
**REPORT NO.** : 2025-U015145  
**WORK NO.** : 2024-011040  
**ANALYSIS NO.** : T25AD276-0004 - T25AD276-0006

TIME*	RESULT dB(A)	
	BAN SAI-NGAM	FEBRUARY 10-11, 2025
	T25AD276-0004	
	L <sub>avg</sub> 1 hour	L <sub>max</sub> 1 hour
07:00-08:00 HOUR	54.0	80.2
08:00-09:00 HOUR	52.1	71.9
09:00-10:00 HOUR	52.5	78.9
10:00-11:00 HOUR	53.7	89.2
11:00-12:00 HOUR	58.0	80.2
12:00-13:00 HOUR	52.6	75.1
13:00-14:00 HOUR	52.7	84.2
14:00-15:00 HOUR	57.7	82.3
15:00-16:00 HOUR	55.5	76.3
16:00-17:00 HOUR	54.4	85.9
17:00-18:00 HOUR	56.5	79.4
18:00-19:00 HOUR	55.6	83.3
19:00-20:00 HOUR	56.2	63.1
20:00-21:00 HOUR	57.3	72.8
21:00-22:00 HOUR	51.8	66.2
22:00-23:00 HOUR	49.5	68.2
23:00-00:00 HOUR	48.4	62.3
00:00-01:00 HOUR	48.7	67.5
01:00-02:00 HOUR	48.5	59.9
02:00-03:00 HOUR	49.4	70.3
03:00-04:00 HOUR	54.0	80.5
04:00-05:00 HOUR	52.3	78.8
05:00-06:00 HOUR	52.4	75.7
06:00-07:00 HOUR	55.7	80.6
L <sub>avg</sub> 24 hours	54.2	

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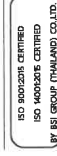
United Analyst and Engineering Consultant Co., Ltd.  
3 Soi Udomsuk 41, Sukhumvit Road, Bangchak, Phrakhanong, Bangkok 10260  
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## RESULT dB(A)

TIME*	BAN SAI-NGAM	
	FEBRUARY 11-12, 2025	T25AD276-0005
	L <sub>avg</sub> 1 hour	L <sub>max</sub> 1 hour
07:00-08:00 HOUR	54.5	69.4
08:00-09:00 HOUR	57.2	80.1
09:00-10:00 HOUR	50.9	72.2
10:00-11:00 HOUR	50.8	73.1
11:00-12:00 HOUR	52.4	85.4
12:00-13:00 HOUR	52.2	76.5
13:00-14:00 HOUR	57.9	78.1
14:00-15:00 HOUR	52.7	77.4
15:00-16:00 HOUR	51.3	74.4
16:00-17:00 HOUR	51.4	75.6
17:00-18:00 HOUR	50.8	74.7
18:00-19:00 HOUR	54.8	81.6
19:00-20:00 HOUR	56.4	67.8
20:00-21:00 HOUR	54.1	75.8
21:00-22:00 HOUR	53.4	75.6
22:00-23:00 HOUR	51.4	74.5
23:00-00:00 HOUR	50.8	75.0
00:00-01:00 HOUR	52.0	73.3
01:00-02:00 HOUR	49.9	60.6
02:00-03:00 HOUR	48.6	67.4
03:00-04:00 HOUR	47.7	59.1
04:00-05:00 HOUR	47.8	58.6
05:00-06:00 HOUR	53.4	79.7
06:00-07:00 HOUR	54.7	76.7
L <sub>avg</sub> 24 hours	53.2	

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TIME*	RESULT dB(A)	
	BAN SAB-BON (DORM #3)	
	FEBRUARY 4-5, 2025 T25AD276-0002	
	L <sub>avg</sub> 1 hour	L <sub>max</sub> 1 hour
07:00-08:00 HOUR	56.3	67.0
08:00-09:00 HOUR	56.9	76.4
09:00-10:00 HOUR	55.7	67.4
10:00-11:00 HOUR	55.3	66.1
11:00-12:00 HOUR	54.0	68.2
12:00-13:00 HOUR	54.4	63.8
13:00-14:00 HOUR	54.2	63.6
14:00-15:00 HOUR	54.1	66.9
15:00-16:00 HOUR	53.4	68.0
16:00-17:00 HOUR	54.6	71.6
17:00-18:00 HOUR	55.5	74.2
18:00-19:00 HOUR	55.7	64.5
19:00-20:00 HOUR	55.6	61.7
20:00-21:00 HOUR	55.4	63.3
21:00-22:00 HOUR	55.5	65.1
22:00-23:00 HOUR	55.3	64.5
23:00-00:00 HOUR	55.1	63.8
00:00-01:00 HOUR	54.5	66.2
01:00-02:00 HOUR	55.2	60.0
02:00-03:00 HOUR	55.4	63.4
03:00-04:00 HOUR	55.4	61.6
04:00-05:00 HOUR	55.5	63.0
05:00-06:00 HOUR	56.3	64.2
06:00-07:00 HOUR	57.1	75.1
L <sub>avg</sub> 24 hours	55.4	

REMARK : \*\* ISO 1996-1:2016

\*\* NOTIFICATION OF NATION ENVIRONMENT BOARD NO. 15, B.E. 2540 (1997) (MARCH 12, 1977)

\*\* NOTIFICATION OF THE POLLUTION CONTROL DEPARTMENT (B.E. 2540) REGARDING THE CALCULATION METHOD FOR SOUND LEVELS,

DATED AUGUST 11, B.E. 2540

\*\* NOTIFICATION OF THE MINISTRY OF NATURAL RESOURCES AND ENVIRONMENT ON THE ESTABLISHMENT OF STANDARDS FOR

CONTROLING NOISE AND VIBRATION, DATED NOVEMBER 7, B.E. 2548

\*\* NOTIFICATION OF THE DEPARTMENT OF INDUSTRIAL WORKS ON THE MEASUREMENT METHOD FOR NOISE POLLUTION, 24-HOUR

AVERAGE NOISE LEVEL AND MAXIMUM NOISE LEVEL FROM INDUSTRIAL OPERATIONS, B.E. 2553, DATED DECEMBER 20, B.E. 2553

ลงวันที่ 3 เมษายน พ.ศ. 2540 การคำนวณเสียง 24 ชั่วโมง มีค่าไม่เกิน 70 dB(A) การคำนวณเสียงสูงสุด มีค่าไม่เกิน 115 dB(A)

- ประกาศกระทรวงมหาดไทย เรื่อง การควบคุมเสียงและสั่นสะเทือน (พ.ศ. 2548) เรื่อง กำหนดมาตรฐานควบคุมระดับเสียงและสั่นสะเทือนจากการทำงานในสถานประกอบการ 114 ข้อ 27 ง

ประกาศในราชกิจจานุเบกษา เล่ม 122 ตอนที่ 125 ง ลงวันที่ 29 ธันวาคม พ.ศ. 2548 มีค่าไม่เกิน 115 dB(A)

ตำแหน่งที่วัดค่าเสียง : 14.635760, 101.125087

ตำแหน่งที่วัด UTM ของสถานี : 728891E, 1619113N

  
(MR. SILA BANJONGAIRUK)  
LABORATORY SUPERVISOR

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2025-U015144

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BY BSI GROUP (THAILAND) CO., LTD.

- End of Analysis Report -

TIME*	RESULT dB(A)	
	BAN SAB-BON (DORM #3)	
	FEBRUARY 5-6, 2025 T25AD276-0003	
	L <sub>avg</sub> 1 hour	L <sub>max</sub> 1 hour
07:00-08:00 HOUR	56.5	68.4
08:00-09:00 HOUR	56.6	72.2
09:00-10:00 HOUR	54.6	66.6
10:00-11:00 HOUR	54.3	61.8
11:00-12:00 HOUR	55.0	64.2
12:00-13:00 HOUR	59.8	86.2
13:00-14:00 HOUR	58.7	84.1
14:00-15:00 HOUR	56.0	81.1
15:00-16:00 HOUR	54.1	68.0
16:00-17:00 HOUR	55.1	68.1
17:00-18:00 HOUR	53.9	70.0
18:00-19:00 HOUR	55.1	74.3
19:00-20:00 HOUR	55.3	70.9
20:00-21:00 HOUR	54.9	72.5
21:00-22:00 HOUR	54.9	64.5
22:00-23:00 HOUR	56.7	68.7
23:00-00:00 HOUR	53.0	71.3
00:00-01:00 HOUR	53.0	63.6
01:00-02:00 HOUR	54.0	57.9
02:00-03:00 HOUR	54.4	63.7
03:00-04:00 HOUR	55.1	73.4
04:00-05:00 HOUR	55.4	74.8
05:00-06:00 HOUR	55.2	73.6
06:00-07:00 HOUR	57.0	76.3
L <sub>avg</sub> 24 hours	55.7	

REMARK : \*\* ISO 1996-1:2016

\*\* NOTIFICATION OF NATION ENVIRONMENT BOARD NO. 15, B.E. 2540 (1997) (MARCH 12, 1977)

\*\* NOTIFICATION OF THE POLLUTION CONTROL DEPARTMENT (B.E. 2540) REGARDING THE CALCULATION METHOD FOR SOUND LEVELS,

DATED AUGUST 11, B.E. 2540

\*\* NOTIFICATION OF THE MINISTRY OF NATURAL RESOURCES AND ENVIRONMENT ON THE ESTABLISHMENT OF STANDARDS FOR

CONTROLING NOISE AND VIBRATION, DATED NOVEMBER 7, B.E. 2548

\*\* NOTIFICATION OF THE DEPARTMENT OF INDUSTRIAL WORKS ON THE MEASUREMENT METHOD FOR NOISE POLLUTION, 24-HOUR

AVERAGE NOISE LEVEL AND MAXIMUM NOISE LEVEL FROM INDUSTRIAL OPERATIONS, B.E. 2553, DATED DECEMBER 20, B.E. 2553

ลงวันที่ 3 เมษายน พ.ศ. 2540 การคำนวณเสียง 24 ชั่วโมง มีค่าไม่เกิน 70 dB(A) การคำนวณเสียงสูงสุด มีค่าไม่เกิน 115 dB(A)

- ประกาศกระทรวงมหาดไทย เรื่อง การควบคุมเสียงและสั่นสะเทือน (พ.ศ. 2548) เรื่อง กำหนดมาตรฐานควบคุมระดับเสียงและสั่นสะเทือนจากการทำงานในสถานประกอบการ 114 ข้อ 27 ง

ประกาศในราชกิจจานุเบกษา เล่ม 122 ตอนที่ 125 ง ลงวันที่ 29 ธันวาคม พ.ศ. 2548 มีค่าไม่เกิน 115 dB(A)

ตำแหน่งที่วัดค่าเสียง : 14.635760, 101.125087

ตำแหน่งที่วัด UTM ของสถานี : 728891E, 1619113N

  
(MR. SILA BANJONGAIRUK)  
LABORATORY SUPERVISOR

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2025-U015144

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NSC-TISI-TIS 17025  
TESTING 0207

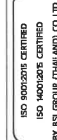
## ANALYSIS REPORT

**CUSTOMER NAME** : TPI POLYENE PUBLIC COMPANY LIMITED  
**ADDRESS** : 299 MOO 5 MITRAPAP ROAD MITTRAPAP TABKWANG KAENGKOT SARABURI 18260  
**CONTACT INFORMATION** : TEL : 06 4294 9161 e-mail : Chod.pa@tppolene.co.th  
**MEASURING SOURCE** : กลุ่มบ้านแถวถนนมิตรสัมพันธ์  
**MEASURING TYPE** : AMBIENT (NOISE)  
**MEASURING DATE** : FEBRUARY 10-13, 2025  
**MEASURING TIME** : \*  
**MEASURING METHOD** : INTEGRATED SOUND LEVEL METER\*\*  
**MEASURED BY** : MR PAIRAT KUMNERAKSA

**RECEIVED DATE** : FEBRUARY 10-13, 2025  
**ANALYTICAL DATE** : FEBRUARY 10-13, 2025  
**ISSUE DATE** : FEBRUARY 24, 2025  
**REPORT NO.** : 2025-U015146  
**WORK NO.** : 2024-011040  
**ANALYSIS NO.** : T25AD276-0007 - T25AD276-0009

TIME*	RESULT dB(A)	
	กลุ่มบ้านแถวถนนมิตรสัมพันธ์ FEBRUARY 10-11, 2025 T25AD276-0007	
	L <sub>avg</sub> 1 hour	L <sub>max</sub> 1 hour
07:00-08:00 HOUR	51.8	84.5
08:00-09:00 HOUR	53.1	76.6
09:00-10:00 HOUR	50.9	74.4
10:00-11:00 HOUR	47.5	60.6
11:00-12:00 HOUR	45.8	72.6
12:00-13:00 HOUR	48.3	74.9
13:00-14:00 HOUR	50.5	72.5
14:00-15:00 HOUR	49.8	74.3
15:00-16:00 HOUR	51.1	73.4
16:00-17:00 HOUR	50.3	73.2
17:00-18:00 HOUR	52.9	75.2
18:00-19:00 HOUR	50.9	70.3
19:00-20:00 HOUR	55.1	76.2
20:00-21:00 HOUR	53.2	76.5
21:00-22:00 HOUR	48.8	67.1
22:00-23:00 HOUR	47.8	75.5
23:00-00:00 HOUR	44.7	79.5
00:00-01:00 HOUR	44.6	56.1
01:00-02:00 HOUR	44.7	63.7
02:00-03:00 HOUR	44.6	75.3
03:00-04:00 HOUR	46.3	80.8
04:00-05:00 HOUR	43.3	57.6
05:00-06:00 HOUR	44.2	69.6
06:00-07:00 HOUR	47.5	71.5
L <sub>avg</sub> 24 hours	49.9	

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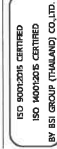


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## RESULT dB(A)

TIME*	กลุ่มบ้านแถวถนนมิตรสัมพันธ์ FEBRUARY 11-12, 2025 T25AD276-0008	
	L <sub>avg</sub> 1 hour	L <sub>max</sub> 1 hour
07:00-08:00 HOUR	48.6	75.4
08:00-09:00 HOUR	49.3	70.2
09:00-10:00 HOUR	45.3	68.2
10:00-11:00 HOUR	43.8	63.2
11:00-12:00 HOUR	45.4	71.1
12:00-13:00 HOUR	49.3	79.7
13:00-14:00 HOUR	54.5	89.7
14:00-15:00 HOUR	50.2	71.6
15:00-16:00 HOUR	42.7	65.2
16:00-17:00 HOUR	50.1	72.7
17:00-18:00 HOUR	52.9	79.4
18:00-19:00 HOUR	47.9	69.3
19:00-20:00 HOUR	46.7	62.9
20:00-21:00 HOUR	46.4	71.9
21:00-22:00 HOUR	43.1	53.4
22:00-23:00 HOUR	44.0	63.9
23:00-00:00 HOUR	45.3	71.7
00:00-01:00 HOUR	45.8	62.0
01:00-02:00 HOUR	41.5	61.1
02:00-03:00 HOUR	41.7	53.2
03:00-04:00 HOUR	41.3	59.8
04:00-05:00 HOUR	43.9	67.2
05:00-06:00 HOUR	46.9	68.9
06:00-07:00 HOUR	53.7	87.6
L <sub>avg</sub> 24 hours	48.4	

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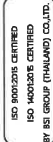
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### ANALYSIS REPORT

**CUSTOMER NAME** : TPI POLENE PUBLIC COMPANY LIMITED  
**ADDRESS** : 299 MOO 5 MITRAPAP ROAD MITTRAPHAP TABKWANG KAENGKOI SARABURI 18260  
**CONTACT INFORMATION** : TEL : 06 4294 9161 e-mail : Chod.pa@tppolene.co.th  
**MEASURING SOURCE** : TAM NAKARAT TEMPLE  
**MEASURING TYPE** : AMBIENT (NOISE)  
**MEASURING DATE** : FEBRUARY 10-13, 2025  
**MEASURING TIME** : \*  
**MEASURING METHOD** : INTEGRATED SOUND LEVEL METER\*\*  
**MEASURED BY** : MR PAIRAT KUMNERAKSA

**RECEIVED DATE** : FEBRUARY 10-13, 2025  
**ANALYTICAL DATE** : FEBRUARY 10-13, 2025  
**ISSUE DATE** : FEBRUARY 24, 2025  
**REPORT NO.** : 2025-U015148  
**WORK NO.** : 2024-011040  
**ANALYSIS NO.** : T25AD276-0013 - T25AD276-0015

TIME*	RESULT dB(A)	
	TAM NAKARAT TEMPLE	FEBRUARY 10-11, 2025
	T25AD276-0013	
	L <sub>avg</sub> 1 hour	L <sub>max</sub> 1 hour
07:00-08:00 HOUR	50.2	70.5
08:00-09:00 HOUR	53.2	68.5
09:00-10:00 HOUR	53.4	70.7
10:00-11:00 HOUR	48.5	68.2
11:00-12:00 HOUR	48.7	74.1
12:00-13:00 HOUR	47.7	67.2
13:00-14:00 HOUR	48.4	68.2
14:00-15:00 HOUR	43.5	64.0
15:00-16:00 HOUR	44.6	63.1
16:00-17:00 HOUR	47.0	66.6
17:00-18:00 HOUR	41.9	65.1
18:00-19:00 HOUR	41.3	60.8
19:00-20:00 HOUR	42.8	61.5
20:00-21:00 HOUR	45.4	61.9
21:00-22:00 HOUR	46.6	62.8
22:00-23:00 HOUR	52.9	79.2
23:00-00:00 HOUR	56.2	76.6
00:00-01:00 HOUR	54.0	75.4
01:00-02:00 HOUR	50.6	68.8
02:00-03:00 HOUR	49.9	74.6
03:00-04:00 HOUR	49.8	72.2
04:00-05:00 HOUR	53.6	70.7
05:00-06:00 HOUR	52.6	72.6
06:00-07:00 HOUR	49.6	67.7
L <sub>avg</sub> 24 hours	50.5	



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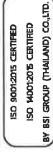
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NSC-TISI-TIS 17025  
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TIME*	RESULT dB(A)	
	TAM NAKARAT TEMPLE	FEBRUARY 11-12, 2025
	T25AD276-0014	
	L <sub>avg</sub> 1 hour	L <sub>max</sub> 1 hour
07:00-08:00 HOUR	50.3	70.9
08:00-09:00 HOUR	54.1	71.9
09:00-10:00 HOUR	52.3	71.4
10:00-11:00 HOUR	49.8	67.3
11:00-12:00 HOUR	52.9	68.2
12:00-13:00 HOUR	57.2	90.8
13:00-14:00 HOUR	47.4	70.7
14:00-15:00 HOUR	52.2	66.5
15:00-16:00 HOUR	45.2	66.8
16:00-17:00 HOUR	43.5	67.4
17:00-18:00 HOUR	40.1	61.6
18:00-19:00 HOUR	41.6	61.9
19:00-20:00 HOUR	43.1	67.9
20:00-21:00 HOUR	46.0	66.8
21:00-22:00 HOUR	46.7	64.1
22:00-23:00 HOUR	50.0	69.8
23:00-00:00 HOUR	57.0	83.0
00:00-01:00 HOUR	54.1	75.1
01:00-02:00 HOUR	50.6	69.3
02:00-03:00 HOUR	48.6	66.5
03:00-04:00 HOUR	50.0	71.5
04:00-05:00 HOUR	54.8	68.5
05:00-06:00 HOUR	49.4	67.2
06:00-07:00 HOUR	47.8	67.2
L <sub>avg</sub> 24 hours	51.5	



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TIME*	RESULT dB(A)		
	PRATACHAREONTHAM TEMPLE		
	FEBRUARY 11-12, 2025		
	T25AD276-0017		
	L <sub>eq</sub> 1 hour	L <sub>max</sub> 1 hour	
07:00-08:00 HOUR	52.4	73.5	
08:00-09:00 HOUR	51.3	70.3	
09:00-10:00 HOUR	49.6	68.1	
10:00-11:00 HOUR	49.6	69.9	
11:00-12:00 HOUR	50.4	61.9	
12:00-13:00 HOUR	50.5	64.9	
13:00-14:00 HOUR	50.0	65.0	
14:00-15:00 HOUR	50.1	66.9	
15:00-16:00 HOUR	50.8	69.0	
16:00-17:00 HOUR	51.6	62.4	
17:00-18:00 HOUR	54.2	74.8	
18:00-19:00 HOUR	53.4	68.2	
19:00-20:00 HOUR	54.7	78.6	
20:00-21:00 HOUR	53.1	68.3	
21:00-22:00 HOUR	51.8	68.8	
22:00-23:00 HOUR	51.9	75.3	
23:00-00:00 HOUR	49.3	68.8	
00:00-01:00 HOUR	49.7	65.8	
01:00-02:00 HOUR	49.3	69.3	
02:00-03:00 HOUR	48.7	62.6	
03:00-04:00 HOUR	48.1	63.0	
04:00-05:00 HOUR	50.8	63.0	
05:00-06:00 HOUR	53.3	65.2	
06:00-07:00 HOUR	53.2	67.5	
L <sub>eq</sub> 24 hours	51.5		

TIME*	RESULT dB(A)		
	PRATACHAREONTHAM TEMPLE		
	FEBRUARY 12-13, 2025		
	T25AD276-0018		
	L <sub>eq</sub> 1 hour	L <sub>max</sub> 1 hour	
07:00-08:00 HOUR	53.2	72.0	
08:00-09:00 HOUR	49.7	70.8	
09:00-10:00 HOUR	48.4	67.0	
10:00-11:00 HOUR	49.9	65.9	
11:00-12:00 HOUR	55.2	88.5	
12:00-13:00 HOUR	49.3	71.5	
13:00-14:00 HOUR	49.8	56.9	
14:00-15:00 HOUR	53.6	81.6	
15:00-16:00 HOUR	49.6	63.0	
16:00-17:00 HOUR	51.7	73.6	
17:00-18:00 HOUR	49.7	73.7	
18:00-19:00 HOUR	53.8	71.0	
19:00-20:00 HOUR	48.3	66.5	
20:00-21:00 HOUR	46.7	61.2	
21:00-22:00 HOUR	49.0	81.1	
22:00-23:00 HOUR	46.3	72.7	
23:00-00:00 HOUR	47.6	63.4	
00:00-01:00 HOUR	45.8	67.8	
01:00-02:00 HOUR	46.1	54.8	
02:00-03:00 HOUR	45.0	50.6	
03:00-04:00 HOUR	46.0	63.4	
04:00-05:00 HOUR	45.4	58.6	
05:00-06:00 HOUR	47.1	62.2	
06:00-07:00 HOUR	49.5	64.7	
L <sub>eq</sub> 24 hours	50.0		

REMARK : \*\* ISO 1996-1:2016

\*\* NOTIFICATION OF NATION ENVIRONMENT BOARD NO. 15 B.E. 2540 (1997) (MARCH 12, 1977)

\*\* NOTIFICATION OF THE POLLUTION CONTROL DEPARTMENT (B.E. 2540) REGARDING THE CALCULATION METHOD FOR SOUND LEVELS,

DATED AUGUST 11, B.E. 2540

\*\* NOTIFICATION OF THE MINISTRY OF NATURAL RESOURCES AND ENVIRONMENT ON THE ESTABLISHMENT OF STANDARDS FOR

CONTROLLING NOISE AND VIBRATION, DATED NOVEMBER 7, B.E. 2548

\*\* NOTIFICATION OF THE DEPARTMENT OF INDUSTRIAL WORKS ON THE MEASUREMENT METHOD FOR NOISE POLLUTION, 24-HOUR

AVERAGE NOISE LEVEL AND MAXIMUM NOISE LEVEL FROM INDUSTRIAL OPERATIONS, B.E. 2553, DATED DECEMBER 20, B.E. 2553

สงวนที่ 3 เมษายน พ.ศ. 2540 ค่าระดับเสียง 24 ชั่วโมง 70 dB(A) ค่าระดับเสียงสูงสุด 115 dB(A) ค่าระดับเสียงเฉลี่ย 115 dB(A)

- ประกาศกระทรวงมหาดไทย เรื่อง การควบคุมระดับเสียงและสั่นสะเทือน (พ.ศ. 2548) เรื่อง กำหนดมาตรฐานควบคุมระดับเสียงและสั่นสะเทือนเพื่อสุขภาพการพักผ่อน

ประกาศในราชกิจจานุเบกษา เล่ม 122 ตอนที่ 125 ง ลงวันที่ 29 ธันวาคม พ.ศ. 2548 หน้า 115 (ก)

ตำแหน่งที่/ตอนลงมือวัด : 14.631333, 101.108201

ตำแหน่งที่วัด UTM ขงเสถียร : 7270765, 1618606

*h.h*

(MR. SULA BANONGJAIKUL)  
LABORATORY SUPERVISOR

## ภาคผนวก ค-4

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ใบรายงานผลการวิเคราะห์ความสันสะเทือน



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ANALYSIS REPORT

CUSTOMER NAME : TPI POLENE PUBLIC COMPANY LIMITED  
ADDRESS : 299 MOO 5 MITRAPARP ROAD MITTRAPHAP TABKWANG KAENGKOT SARABURI 18260  
CONTACT INFORMATION : TEL : 06-4294 9161 e-mail : chod.padmuk@gmail.com  
MEASURING PLACE : กลุ่มบ้านอยู่อาศัยโครงการ  
MEASURING TYPE : AMBIENT (VIBRATION)  
MEASURING DATE : FEBRUARY 10, 2025  
MEASURING TIME : MARCH 6, 2025  
MEASURING EQUIPMENT : \*  
MEASURING EQUIPMENT : VIBRATION METER\*\*  
MEASURED BY : MR PAIRAT KUMNERDRAKSA  
RECEIVED DATE : FEBRUARY 10, 2025  
ANALYTICAL DATE : FEBRUARY 10, 2025  
ISSUE DATE : MARCH 6, 2025  
REPORT NO. : 2025-U019174  
WORK NO : 2024-011041  
ANALYSIS NO. : T25AD281-0001

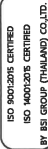
TIME*	RESULT									
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	TRANSVERSE					VERTICAL				
	X-AXIS (LONGITUDINAL)		Y-AXIS (TRANSVERSE)			Z-AXIS (VERTICAL)				
	VELOCITY (mm/s)	FREQUENCY (Hz)	DISPLACEMENT (mm)	VELOCITY (mm/s)	DISPLACEMENT (mm)	VELOCITY (mm/s)	FREQUENCY (Hz)	DISPLACEMENT (mm)		
FEBRUARY 10, 2025 T25AD281-0001 15:22 HOUR	<0.150 APPLICABLE "i	NOT APPLICABLE "i	-	<0.150 APPLICABLE "i	NOT APPLICABLE "i	<0.150 APPLICABLE "i	NOT APPLICABLE "i	NOT APPLICABLE "i	-	-

REMARK: \*\* THE NATIONAL ENVIRONMENT COMMITTEE ANNOUNCEMENT NO. 37 (B.E. 2553) REGARDING VIBRATION STANDARDS,  
FOR PREVENTING IMPACT ON BUILDINGS, DATED APRIL 26, B.E. 2553  
\*\* NOTIFICATION OF THE MINISTRY OF NATURAL RESOURCES AND ENVIRONMENT ON THE ESTABLISHMENT OF STANDARDS FOR  
CONTROLLING NOISE AND VIBRATION FROM QUARRYING ACTIVITIES, DATED NOVEMBER 7, B.E. 2548  
\*\* DIN 45668-1:2010  
\*\* DIN 4150-3:1999  
ด้านหนึ่งทิศของสถานีตรวจวัด : 14.619630, 101.140996  
ด้านหนึ่งทิศ UTM ของสถานี : 730622E, 1617344N  
i/ เพื่อกำหนดค่าการสั่นไหว (NONEXISTENT ZC FREQUENCY)  
-ตามมาตรฐาน หมวด A1 กำหนดค่าการสั่นไหวได้ ระหว่างเวลา 15:00-17:00 น.  
-ตามมาตรฐาน หมวด A2 กำหนดค่าการสั่นไหวได้ ระหว่างเวลา 15:30-16:00 น. (สำหรับกรณีดำเนินการทำเหมืองแร่ประเภทอื่น นอก พ.บ. 65)  
-ตามมาตรฐาน หมวด C1 และ C2 กำหนดค่าการสั่นไหวได้ ระหว่างเวลา 15:00-16:00 น.

ห.ค. ๗

(MR. SILA BANONGJAIKURK)  
LABORATORY SUPERVISOR

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Tel.02763 2828 Fax.0 2763 2800 www.uaeconsultant.com E-mail:uae@uaeconsultant.com

ANALYSIS REPORT

CUSTOMER NAME : TPI POLENE PUBLIC COMPANY LIMITED  
ADDRESS : 299 MOO 5 MITRAPARP ROAD MITTRAPHAP TABKWANG KAENGKOT SARABURI 18260  
CONTACT INFORMATION : TEL : 06-4294 9161 e-mail : chod.padmuk@gmail.com  
MEASURING PLACE : กลุ่มบ้านอยู่อาศัยโครงการวัดท่าไม้ดัด (เหมือง C1)  
MEASURING TYPE : AMBIENT (VIBRATION)  
MEASURING DATE : FEBRUARY 10, 2025  
MEASURING TIME : \*  
MEASURING EQUIPMENT : VIBRATION METER\*\*  
MEASURED BY : MR PAIRAT KUMNERDRAKSA  
RECEIVED DATE : FEBRUARY 10, 2025  
ANALYTICAL DATE : FEBRUARY 10, 2025  
ISSUE DATE : MARCH 6, 2025  
REPORT NO. : 2025-U019175  
WORK NO : 2024-011041  
ANALYSIS NO. : T25AD281-0002

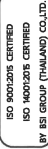
TIME*	RESULT									
	กลุ่มบ้านอยู่อาศัยโครงการวัดท่าไม้ดัด (เหมือง C1)									
	TRANSVERSE					VERTICAL				
	X-AXIS (LONGITUDINAL)		Y-AXIS (TRANSVERSE)			Z-AXIS (VERTICAL)				
	VELOCITY (mm/s)	FREQUENCY (Hz)	DISPLACEMENT (mm)	VELOCITY (mm/s)	DISPLACEMENT (mm)	VELOCITY (mm/s)	FREQUENCY (Hz)	DISPLACEMENT (mm)		
FEBRUARY 10, 2025 T25AD281-0002 15:22 HOUR	<0.150 APPLICABLE "i	NOT APPLICABLE "i	-	<0.150 APPLICABLE "i	NOT APPLICABLE "i	<0.150 APPLICABLE "i	NOT APPLICABLE "i	NOT APPLICABLE "i	-	-

REMARK: \*\* THE NATIONAL ENVIRONMENT COMMITTEE ANNOUNCEMENT NO. 37 (B.E. 2553) REGARDING VIBRATION STANDARDS,  
FOR PREVENTING IMPACT ON BUILDINGS, DATED APRIL 26, B.E. 2553  
\*\* NOTIFICATION OF THE MINISTRY OF NATURAL RESOURCES AND ENVIRONMENT ON THE ESTABLISHMENT OF STANDARDS FOR  
CONTROLLING NOISE AND VIBRATION FROM QUARRYING ACTIVITIES, DATED NOVEMBER 7, B.E. 2548  
\*\* DIN 45668-1:2010  
\*\* DIN 4150-3:1999  
ด้านหนึ่งทิศของสถานีตรวจวัด : 14.600805, 101.117588  
ด้านหนึ่งทิศ UTM ของสถานี : 728119E, 1615237N  
i/ เพื่อกำหนดค่าการสั่นไหว (NONEXISTENT ZC FREQUENCY)  
-ตามมาตรฐาน หมวด A1 กำหนดค่าการสั่นไหวได้ ระหว่างเวลา 15:00-17:00 น.  
-ตามมาตรฐาน หมวด A2 กำหนดค่าการสั่นไหวได้ ระหว่างเวลา 15:30-16:00 น. (สำหรับกรณีดำเนินการทำเหมืองแร่ประเภทอื่น นอก พ.บ. 65)  
-ตามมาตรฐาน หมวด C1 และ C2 กำหนดค่าการสั่นไหวได้ ระหว่างเวลา 15:00-16:00 น.

ห.ค. ๗

(MR. SILA BANONGJAIKURK)  
LABORATORY SUPERVISOR

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Tel.0 2763 2828 Fax 0 2763 2800 www.uaiconsultant.com E-mail:uae@uaiconsultant.com

ANALYSIS REPORT

CUSTOMER NAME : TPI POLENE PUBLIC COMPANY LIMITED  
ADDRESS : 299 MOO 5 MITRAPARP ROAD MITTRAPHAP TABKWANG KAENGKOT SARABURI 18260  
CONTACT INFORMATION : TEL : 06 4294 9161 e-mail : chod.padmuk@gmail.com  
MEASURING PLACE : สถานีรถไฟบ้านกรวด  
MEASURING TYPE : AMBIENT (VIBRATION)  
MEASURING DATE : FEBRUARY 10, 2025  
MEASURING TIME : \* : MARCH 6, 2025  
MEASURING EQUIPMENT : VIBRATION METER\*\*  
MEASURED BY : MR PAIRAT KUMNERDRAKSA  
RECEIVED DATE : FEBRUARY 10, 2025  
ANALYTICAL DATE : FEBRUARY 10, 2025  
ISSUE DATE : MARCH 6, 2025  
REPORT NO. : 2025-U019176  
WORK NO : 2024-011041  
ANALYSIS NO. : T25AD281-0003

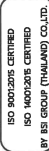
TIME*	RESULT									
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	TRANSVERSE					VERTICAL				
	X-AXIS (LONGITUDINAL)			Y-AXIS (TRANSVERSE)			Z-AXIS (VERTICAL)			
	VELOCITY (mm/s)	FREQUENCY (Hz)	DISPLACEMENT (mm)	VELOCITY (mm/s)	FREQUENCY (Hz)	DISPLACEMENT (mm)	VELOCITY (mm/s)	FREQUENCY (Hz)	DISPLACEMENT (mm)	
FEBRUARY 10, 2025 T25AD281-0003 15:22 HOUR	<0.150 APPLICABLE <sup>1/</sup>	NOT APPLICABLE <sup>1/</sup>	-	<0.150 APPLICABLE <sup>1/</sup>	NOT APPLICABLE <sup>1/</sup>	-	<0.150 APPLICABLE <sup>1/</sup>	NOT APPLICABLE <sup>1/</sup>	-	-

REMARK: \*\* THE NATIONAL ENVIRONMENT COMMITTEE ANNOUNCEMENT NO. 37 (B.E. 2553) REGARDING VIBRATION STANDARDS,  
FOR PREVENTING IMPACT ON BUILDINGS, DATED APRIL 26, B.E. 2553  
\*\* NOTIFICATION OF THE MINISTRY OF NATURAL RESOURCES AND ENVIRONMENT ON THE ESTABLISHMENT OF STANDARDS FOR  
CONTROLLING NOISE AND VIBRATION FROM QUARRYING ACTIVITIES, DATED NOVEMBER 7, B.E. 2548  
\*\* DIN 45668-1:2010  
\*\* DIN 4150-3:1999  
ด้านหนึ่งทิศตลวงสถานีรถไฟ : 14.600339, 101.116164  
ด้านหนึ่งทิศ UTM ของสถานี : 727966E, 1615184N  
1/ เพื่อความไม่ต่อเนื่อง (NONEXISTENT ZC FREQUENCY)  
-สถานีตรวจการ เพื่อ A1 การทดสอบการสั่นสะเทือน ระหว่างเวลา 15:00-17:00 น.  
-สถานีตรวจการ เพื่อ A2 การทดสอบการสั่นสะเทือน ระหว่างเวลา 15:30-16:00 น. (ซึ่งจะขึ้นอยู่กับสภาพการสั่นสะเทือนตามเงื่อนไข พ.ร.บ. 65)  
-สถานีตรวจการ เพื่อ C1 และ C2 การทดสอบการสั่นสะเทือน ระหว่างเวลา 15:00-16:00 น.

ห.ล. ๗

(MR SILA BANONGJAIKUK)  
LABORATORY SUPERVISOR

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ANALYSIS REPORT

CUSTOMER NAME : TPI POLENE PUBLIC COMPANY LIMITED  
ADDRESS : 299 MOO 5 MITRAPARP ROAD MITTRAPHAP TABKWANG KAENGKOT SARABURI 18260  
CONTACT INFORMATION : TEL : 06 4294 9161 e-mail : chod.padmuk@gmail.com  
MEASURING PLACE : สถานีรถไฟบ้านกรวด  
MEASURING TYPE : AMBIENT (VIBRATION)  
MEASURING DATE : FEBRUARY 10, 2025  
MEASURING TIME : \* : MARCH 6, 2025  
MEASURING EQUIPMENT : VIBRATION METER\*\*  
MEASURED BY : MR PAIRAT KUMNERDRAKSA  
RECEIVED DATE : FEBRUARY 10, 2025  
ANALYTICAL DATE : FEBRUARY 10, 2025  
ISSUE DATE : MARCH 6, 2025  
REPORT NO. : 2025-U019178  
WORK NO : 2024-011041  
ANALYSIS NO. : T25AD281-0004

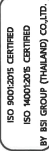
TIME*	RESULT									
	สถานีรถไฟบ้านกรวด									
	TRANSVERSE					VERTICAL				
	X-AXIS (LONGITUDINAL)			Y-AXIS (TRANSVERSE)			Z-AXIS (VERTICAL)			
	VELOCITY (mm/s)	FREQUENCY (Hz)	DISPLACEMENT (mm)	VELOCITY (mm/s)	FREQUENCY (Hz)	DISPLACEMENT (mm)	VELOCITY (mm/s)	FREQUENCY (Hz)	DISPLACEMENT (mm)	
FEBRUARY 10, 2025 T25AD281-0004 15:22 HOUR	<0.150 APPLICABLE <sup>1/</sup>	NOT APPLICABLE <sup>1/</sup>	-	<0.150 APPLICABLE <sup>1/</sup>	NOT APPLICABLE <sup>1/</sup>	-	<0.150 APPLICABLE <sup>1/</sup>	NOT APPLICABLE <sup>1/</sup>	-	-

REMARK: \*\* THE NATIONAL ENVIRONMENT COMMITTEE ANNOUNCEMENT NO. 37 (B.E. 2553) REGARDING VIBRATION STANDARDS,  
FOR PREVENTING IMPACT ON BUILDINGS, DATED APRIL 26, B.E. 2553  
\*\* NOTIFICATION OF THE MINISTRY OF NATURAL RESOURCES AND ENVIRONMENT ON THE ESTABLISHMENT OF STANDARDS FOR  
CONTROLLING NOISE AND VIBRATION FROM QUARRYING ACTIVITIES, DATED NOVEMBER 7, B.E. 2548  
\*\* DIN 45668-1:2010  
\*\* DIN 4150-3:1999  
ด้านหนึ่งทิศตลวงสถานีรถไฟ : 14.484403, 100.965488  
ด้านหนึ่งทิศ UTM ของสถานี : 711839E, 1602209N  
1/ เพื่อความไม่ต่อเนื่อง (NONEXISTENT ZC FREQUENCY)  
-สถานีตรวจการ เพื่อ A1 การทดสอบการสั่นสะเทือน ระหว่างเวลา 15:00-17:00 น.  
-สถานีตรวจการ เพื่อ A2 การทดสอบการสั่นสะเทือน ระหว่างเวลา 15:30-16:00 น. (ซึ่งจะขึ้นอยู่กับสภาพการสั่นสะเทือนตามเงื่อนไข พ.ร.บ. 65)  
-สถานีตรวจการ เพื่อ C1 และ C2 การทดสอบการสั่นสะเทือน ระหว่างเวลา 15:00-16:00 น.

ห.ล. ๗

(MR SILA BANONGJAIKUK)  
LABORATORY SUPERVISOR

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ANALYSIS REPORT

CUSTOMER NAME  
ADDRESS  
CONTACT INFORMATION  
MEASURING PLACE  
MEASURING TYPE  
MEASURING DATE  
MEASURING TIME  
MEASURING EQUIPMENT  
MEASURED BY

: TPI POLENE PUBLIC COMPANY LIMITED  
: 295 MOO 5 MITRAPARP ROAD MITTRAPHAP TABKWIANG KAENGKOT SARABURI 18260  
: TEL : 06 4294 9161 e-mail : chod.padmuk@gmail.com  
: วัดสร้างใหม่ตำบลท่าเสาเมืองน่าน  
: AMBIENT (VIBRATION)  
: FEBRUARY 10, 2025  
: \*  
: VIBRATION METER\*\*  
: MR PAIRAT KUMNERDRAKSA

RECEIVED DATE : FEBRUARY 10, 2025  
ANALYTICAL DATE : FEBRUARY 10, 2025  
ISSUE DATE : MARCH 6, 2025  
REPORT NO. : 2025-U019179  
WORK NO : 2024-011041  
ANALYSIS NO. : TZ5AD281-0005

TIME*	RESULT						
	วัดสร้างใหม่ตำบลท่าเสาเมืองน่าน						
	TRANSVERSE			Y-AXIS (TRANSVERSE)			VERTICAL
	X-AXIS (LONGITUDINAL)			VELOCITY		DISPLACEMENT	
	VELOCITY (mm/s)	FREQUENCY (Hz)	DISPLACEMENT (mm)	VELOCITY (mm/s)	FREQUENCY (Hz)	DISPLACEMENT (mm)	VELOCITY (mm/s)
							FREQUENCY (Hz)
							DISPLACEMENT (mm)
FEBRUARY 10, 2025 TZ5AD281-0005 15:22 HOUR	<0.150	NOT APPLICABLE <sup>1)</sup>	-	<0.150	NOT APPLICABLE <sup>1)</sup>	-	<0.150
							NOT APPLICABLE <sup>1)</sup>
							-

REMARK: \*\* THE NATIONAL ENVIRONMENT COMMITTEE ANNOUNCEMENT NO. 37 (B.E. 2553) REGARDING VIBRATION STANDARDS,  
FOR PREVENTING IMPACT ON BUILDINGS, DATED APRIL 26, B.E. 2553  
\*\* NOTIFICATION OF THE MINISTRY OF NATURAL RESOURCES AND ENVIRONMENT ON THE ESTABLISHMENT OF STANDARDS FOR  
CONTROLLING NOISE AND VIBRATION FROM QUARRYING ACTIVITIES, DATED NOVEMBER 7, B.E. 2548  
\*\* DIN 45669-1:2010  
\*\* DIN 4150-3:1999  
คำนวณค่าความเร่งโดยเฉลี่ย : 14.604604, 101.103204  
คำนวณค่าอัตรา UTM ของสถานี : 726565E, 1615643N  
1/ เพื่อความแม่นยำ (NONEXISTENT ZC FREQUENCY)  
-คำนวณค่าความเร่ง A1 การวัดค่าความเร่งโดยเฉลี่ยเวลา 15:00-17:00 น.  
-คำนวณค่าความเร่ง A2 การวัดค่าความเร่งโดยเฉลี่ยเวลา 15:30-16:00 น. (ซึ่งจะบันทึกค่าในการทำการทดลองตาม เดือน พ.ศ. 65)  
-คำนวณค่าความเร่ง C1 และ C2 การวัดค่าความเร่งโดยเฉลี่ยเวลา 15:00-16:00 น.

447

(MR SILA BANONGJAIKUK)  
LABORATORY SUPERVISOR

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**United Analyst and Engineering Consultant Co., Ltd.**  
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Tel.0 2763 2828 Fax 0 2763 2800 www.uaconsultant.com E-mail: uaconsultant.com

NSC-TISI-TIS 17025  
TESTING  
No. 0063  
TESTING 0207

## ANALYSIS REPORT

**CUSTOMER NAME** : TPI POLENE PUBLIC COMPANY LIMITED  
**ADDRESS** : 299 MOO 5 MITRAPAP ROAD MITTRAPHAP TABKRWANG KLANGKOL SARABURI 18260  
**CONTACT INFORMATION** : TEL : 06 4294 9161 e-mail : Chod.pa@tpolene.co.th  
**SAMPLING SOURCE** : น้ำบาดาลที่จังหวัดนนทบุรี  
**SAMPLE TYPE** : GROUNDWATER  
**SAMPLING DATE** : MARCH 21, 2025  
**SAMPLING TIME** : 12:50 HOUR  
**SAMPLING METHOD** : GRAB  
**SAMPLING BY** : MR. ACHITA SAENGJAN  
**ANALYZED BY** : MISS NAPAPORN KHUNNOCKHUM

**RECEIVED DATE** : MARCH 21, 2025  
**ANALYTICAL DATE** : MARCH 21-27, 2025  
**ISSUE DATE** : APRIL 2, 2025  
**REPORT NO.** : 2025-U028353  
**WORK NO.** : 2024-011016  
**ANALYSIS NO.** : T25AG209-0003

PARAMETER	UNIT	METHOD OF ANALYSIS	REGULATORY STANDARD			LIMIT OF QUANTIFICATION (LOQ)
			SUITABLE ALLOWANCE CONCENTRATION	MAXIMUM ALLOWABLE CONCENTRATION	DEFLECTION LIMIT	
pH <sup>c</sup>	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H <sup>+</sup> B AND 1060 B	7.0-8.5	6.5-9.2	-	-
TURBIDITY <sup>c</sup>	NTU	NEPHELOMETRIC METHOD (SM: PART 2130 B)	≤ 5	≤ 20	-	0.5
TOTAL SUSPENDED SOLIDS <sup>d</sup>	mg/L	TOTAL SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	< 5.0	-	-	5.0
TOTAL DISSOLVED SOLIDS <sup>d</sup>	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	≤ 600	≤ 1200	-	25
TOTAL HARDNESS <sup>a</sup>	mg/L as CaCO <sub>3</sub>	EDTA TITRIMETRIC METHOD (SM: PART 2340 C)	≤ 300	≤ 500	10	4.0
SULPHATE <sup>c</sup>	mg/L SO <sub>4</sub> <sup>2-</sup>	TURBIDIMETRIC METHOD (SM: PART 4500-SO <sub>4</sub> <sup>2-</sup> E)	≤ 200	≤ 250	10	4.0
CHLORIDE <sup>a</sup>	mg/L Cl <sup>-</sup>	ARGENTOMETRIC METHOD (SM: 4500-Cl <sup>-</sup> B)	≤ 250	≤ 600	0.5	2.0

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ISO 14001:2015 CERTIFIED  
BY BS GROUP (THAILAND) CO., LTD.



**United Analyst and Engineering Consultant Co., Ltd.**  
3 Soi Udomsuk 41, Sukhumvit Road, Bangkok, Phrakhanong, Bangkok 10260  
Tel.0 2763 2828 Fax 0 2763 2800 www.uaconsultant.com E-mail: uaconsultant.com

NSC-TISI-TIS 17025  
TESTING  
No. 0063  
TESTING 0207

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD		LIMIT OF QUANTIFICATION (LOQ)
				SUITABLE ALLOWANCE CONCENTRATION	MAXIMUM ALLOWABLE CONCENTRATION	
TOTAL IRON <sup>b</sup>	mg/L Fe	UAE-TP-HEM003 BASED ON SM: PART 3030 E AND PART 3111 B	0.102	≤ 0.5	≤ 10	0.050
SAMPLE CONDITION						
WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR BROWN			

<sup>a</sup> : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

<sup>b</sup> : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

<sup>c</sup> : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24<sup>th</sup> EDITION, 2023.

REGULATORY STANDARD : GROUNDWATER QUALITY STANDARD FOR DRINKING PURPOSES, SUITABLE ALLOWANCE AND MAXIMUM ALLOWABLE CONCENTRATIONS, NOTIFICATION OF THE MINISTRY OF NATURAL RESOURCES AND ENVIRONMENT : TECHNICAL CRITERIAS AND MEASURES TO PREVENT PUBLIC HEALTH AND ENVIRONMENT HAZARD B.E.2551 (2008), ISSUED UNDER THE GROUND WATER ACT B.E.2520 (1977), PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL. 125, SPECIAL PART 65D DATED MAY 21, B.E.2551 (2008).

THE GROUNDWATER LEVEL FROM THE END OF THE OBSERVATION WELL IS 15 METERS

(MR. BHUCHONK PANICHLERTUMPTI)  
LABORATORY SUPERVISOR

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- End of Analysis Report -



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NSC-TISI-TIS 17025  
TESTING  
No. 0063  
TESTING 0207

## ANALYSIS REPORT

**CUSTOMER NAME** : TPI POLENE PUBLIC COMPANY LIMITED  
**ADDRESS** : 299 MOO 5 MITRAPAP ROAD MITTRAPHAP TABKWANG KAENGKOI SARABURI 18260  
**CONTACT INFORMATION** : TEL : 06 4294 9161 e-mail : Chod.pa@tppolene.co.th  
**SAMPLING SOURCE** : น้ำบาดาลบริเวณบ่อเก็บน้ำฝักรอง  
**SAMPLE TYPE** : GROUNDWATER  
**SAMPLING DATE** : MARCH 21, 2025  
**SAMPLING TIME** : 12:05 HOUR  
**SAMPLING METHOD** : GRAB  
**SAMPLING BY** : MR. ACHITA SAENGJIAN  
**ANALYZED BY** : MISS NAPAPORN KHUNNOKKHUM

**RECEIVED DATE** : MARCH 21, 2025  
**ANALYTICAL DATE** : MARCH 21-27, 2025  
**ISSUE DATE** : APRIL 2, 2025  
**REPORT NO.** : 2025-U028354  
**WORK NO.** : 2024-011016  
**ANALYSIS NO.** : T25AG209-0004

PARAMETER	UNIT	METHOD OF ANALYSIS	REGULATORY STANDARD		DETECTION LIMIT	LIMIT OF QUANTIFICATION (LOQ)
			SUITABLE ALLOWANCE CONCENTRATION	MAXIMUM ALLOWABLE CONCENTRATION		
pH <sup>c</sup>	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H <sup>+</sup> B AND 1060 B	7.0-8.5	6.5-9.2	-	-
TURBIDITY <sup>c</sup>	NTU	NEPHELOMETRIC METHOD (SM: PART 2130 B)	≤ 5	≤ 20	-	0.5
TOTAL SUSPENDED SOLIDS <sup>c</sup>	mg/L	TOTAL SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	-	-	-	5.0
TOTAL DISSOLVED SOLIDS <sup>b</sup>	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	≤ 600	≤ 1,200	-	25
TOTAL HARDNESS <sup>a</sup>	mg/L as CaCO <sub>3</sub>	EDTA TITRIMETRIC METHOD (SM: PART 2340 C)	≤ 300	≤ 500	10	4.0
SULPHATE <sup>c</sup>	mg/L SO <sub>4</sub> <sup>2-</sup>	TURBIDIMETRIC METHOD (SM: PART 4500-SO <sub>4</sub> <sup>2-</sup> E)	≤ 200	≤ 250	10	4.0
CHLORIDE <sup>a</sup>	mg/L Cl <sup>-</sup>	ARGENTOMETRIC METHOD (SM: 4500-Cl <sup>-</sup> B)	≤ 250	≤ 600	0.5	2.0

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PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTIFICATION (LOQ)
METALS						
IRON <sup>a</sup>	mg/L Fe	UAE TPHEM.003 BASED ON SM: PART 3030 E AND PART 3111 B	0.240	≤ 0.5	≤ 10	0.050
SAMPLE CONDITION						
WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR BROWN			

<sup>a</sup> : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

<sup>b</sup> : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

<sup>c</sup> : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24<sup>th</sup> EDITION, 2023.

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THE ROYAL GOVERNMENT GAZETTE, VOL.125, SPECIAL PART 8SD DATED MAY 21 B.E.2551 (2008).

THE GROUNDWATER LEVEL FROM THE END OF THE OBSERVATION WELL IS 18 METERS

*Phuchon*  
(MR. BHUCHONK PANICHLERTUMPT)  
LABORATORY SUPERVISOR

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