

ภาคผนวก



ภาคผนวก ก

ผลการติดตามตรวจสอบคุณภาพสิ่งแวดล้อม

ภาคผนวก ก-1

ผลการติดตามตรวจสอบคุณภาพอากาศในบรรยากาศ

ANALYSIS REPORT

CUSTOMER NAME : GLOBAL POWER SYNERGY PUBLIC COMPANY LIMITED
ADDRESS : 42/3 MOO 1, SUKHUMVIT ROAD KM. 124 THUNG SUKHLA SI RACHA CHON BURI 20230
CONTACT INFORMATION : TEL : 08 5314 3115 e-mail : kingkarn.kh@gpscgroup.com
SAMPLING SOURCE : GLOBAL POWER SYNERGY PUBLIC COMPANY LIMITED 42/3 MOO 1, SUKHUMVIT ROAD KM.124, TUNGSUKLA SIRACHA, CHONBURI 20230.
SAMPLE TYPE : AMBIENT
SAMPLING DATE : *, **, ***
SAMPLING TIME : *, **, ***
SAMPLING BY : MR SIRAPAT JONGPHADUNGKIET
ANALYZED BY : MISS JETJARIN TUMSA-AT
RECEIVED DATE : MAY 2, 2025
ANALYTICAL DATE : MAY 2-8, 2025
ISSUE DATE : MAY 14, 2025
REPORT NO. : 2025-U041223
WORK NO. : 2025-000394
ANALYSIS NO. : T25AJ394-0001 - T25AJ394-0003

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		
			สถานีวิจัยเกษตรศรีราชา		
			* T25AJ394-0001	** T25AJ394-0002	*** T25AJ394-0003
TOTAL SUSPENDED PARTICULATE MATTER ^a	mg/m ³	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.	0.043	0.050	0.046
PARTICULATE MATTER as PM ₁₀ (≤ 10 μm) ^a	mg/m ³	US EPA, CODE OF FEDERAL REGULATIONS, 40 CFR CHAPTER I-PART 50 APPENDIX J, REFERENCE METHOD FOR THE DETERMINATION OF PARTICULATE MATTER AS PM ₁₀ IN THE ATMOSPHERE (HIGH-VOLUME METHOD) REVISED AS OF JULY 1, 2021.	0.017	0.016	0.015
SAMPLE CONDITION			COMPLETE	COMPLETE	COMPLETE

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

REMARK

TSP, PM₁₀ : REFERENCE CONDITION IS 25 DEGREE CELSIUS AT 1 ATMOSPHERE.
 * : SAMPLING FROM 10:00 HOUR ON APRIL 23, 2025 TO 10:00 HOUR ON APRIL 24, 2025.
 ** : SAMPLING FROM 10:00 HOUR ON APRIL 24, 2025 TO 10:00 HOUR ON APRIL 25, 2025.
 *** : SAMPLING FROM 10:00 HOUR ON APRIL 25, 2025 TO 10:00 HOUR ON APRIL 26, 2025.

Budsakorn ✓

(MISS BUDSAKORN LERDPANUMAS)
LABORATORY SUPERVISOR



ANALYSIS REPORT

CUSTOMER NAME : GLOBAL POWER SYNERGY PUBLIC COMPANY LIMITED
ADDRESS : 42/3 MOO 1, SUKHUMVIT ROAD KM. 124 THUNG SUKHLA SI RACHA CHON BURI 20230
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SAMPLING SOURCE : GLOBAL POWER SYNERGY PUBLIC COMPANY LIMITED 42/3 MOO 1, SUKHUMVIT ROAD KM.124, TUNGSUKLA SIRACHA, CHONBURI 20230.
SAMPLE TYPE : AMBIENT
SAMPLING DATE : *, **, ***, ****
SAMPLING TIME : *, **, ***, ****
SAMPLING BY : MR SIRAPAT JONGPHADUNGKIET
ANALYZED BY : MISS JETJARIN TUMSA-AT
RECEIVED DATE : MAY 2, 2025
ANALYTICAL DATE : MAY 2-8, 2025
ISSUE DATE : MAY 14, 2025
REPORT NO. : 2025-U041225
WORK NO. : 2025-000394
ANALYSIS NO. : T25AJ394-0004 - T25AJ394-0007

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT			
			สถานีวิจัยเกษตรศรีราชา			
			*	**	***	****
			T25AJ394-0004	T25AJ394-0005	T25AJ394-0006	T25AJ394-0007
TOTAL SUSPENDED PARTICULATE MATTER ^a	mg/m ³	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.	0.044	0.036	0.037	0.050
PARTICULATE MATTER as PM10 (≤ 10 µm) ^a	mg/m ³	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.	0.018	0.018	0.018	0.024
SAMPLE CONDITION			COMPLETE	COMPLETE	COMPLETE	COMPLETE

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

REMARK

TSP, PM10 : REFERENCE CONDITION IS 25 DEGREE CELSIUS AT 1 ATMOSPHERE.
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*** : SAMPLING FROM 10:00 HOUR ON APRIL 28, 2025 TO 10:00 HOUR ON APRIL 29, 2025.
**** : SAMPLING FROM 10:00 HOUR ON APRIL 29, 2025 TO 10:00 HOUR ON APRIL 30, 2025.

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ANALYSIS REPORT

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SAMPLE TYPE : AMBIENT
SAMPLING DATE : *, **, ***
SAMPLING TIME : *, **, ***
SAMPLING BY : MR SIRAPAT JONGPHADUNGKIET
ANALYZED BY : MISS JETJARIN TUMSA-AT
RECEIVED DATE : MAY 2, 2025
ANALYTICAL DATE : MAY 2-8, 2025
ISSUE DATE : MAY 14, 2025
REPORT NO. : 2025-U041229
WORK NO. : 2025-000394
ANALYSIS NO. : T25AJ394-0008 - T25AJ394-0010

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		
			มาตรฐาน		
			* T25AJ394-0008	** T25AJ394-0009	*** T25AJ394-0010
TOTAL SUSPENDED PARTICULATE MATTER ^a	mg/m ³	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.	0.039	0.043	0.041
PARTICULATE MATTER as PM ₁₀ (≤ 10 μm) ^a	mg/m ³	US EPA, CODE OF FEDERAL REGULATIONS, 40 CFR CHAPTER I-PART 50 APPENDIX J, REFERENCE METHOD FOR THE DETERMINATION OF PARTICULATE MATTER AS PM ₁₀ IN THE ATMOSPHERE (HIGH-VOLUME METHOD) REVISED AS OF JULY 1, 2021.	0.016	0.016	0.015
SAMPLE CONDITION			COMPLETE	COMPLETE	COMPLETE

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ANALYSIS REPORT

CUSTOMER NAME : GLOBAL POWER SYNERGY PUBLIC COMPANY LIMITED
ADDRESS : 42/3 MOO 1, SUKHUMVIT ROAD KM. 124 THUNG SUKHLA SI RACHA CHON BURI 20230
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SAMPLE TYPE : AMBIENT
SAMPLING DATE : *, **, ***, ****
SAMPLING TIME : *, **, ***, ****
SAMPLING BY : MR SIRAPAT JONGPHADUNGKIET
ANALYZED BY : MISS JETJARIN TUMSA-AT
RECEIVED DATE : MAY 2, 2025
ANALYTICAL DATE : MAY 2-8, 2025
ISSUE DATE : MAY 14, 2025
REPORT NO. : 2025-U041230
WORK NO. : 2025-000394
ANALYSIS NO. : T25AJ394-0011 - T25AJ394-0014

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT			
			บ้านฉางอุตสาหกรรม			
			* T25AJ394-0011	** T25AJ394-0012	*** T25AJ394-0013	**** T25AJ394-0014
TOTAL SUSPENDED PARTICULATE MATTER ^a	mg/m ³	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.	0.041	0.034	0.029	0.081
PARTICULATE MATTER as PM10 (≤ 10 µm) ^a	mg/m ³	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.	0.015	0.019	0.011	0.039
SAMPLE CONDITION			COMPLETE	COMPLETE	COMPLETE	COMPLETE

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

REMARK

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LABORATORY SUPERVISOR



ANALYSIS REPORT

CUSTOMER NAME : GLOBAL POWER SYNERGY PUBLIC COMPANY LIMITED
ADDRESS : 42/3 MOO 1, SUKHUMVIT ROAD KM. 124 THUNG SUKHLA SI RACHA CHON BURI 20230
CONTACT INFORMATION : TEL : 08 5314 3115 e-mail : kingkarn.kh@gpscgroup.com
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SAMPLE TYPE : AMBIENT
SAMPLING DATE : *, **, ***
SAMPLING TIME : *, **, ***
SAMPLING BY : MR SIRAPAT JONGPHADUNGKIET
ANALYZED BY : MISS JETJARIN TUMSA-AT
RECEIVED DATE : MAY 2, 2025
ANALYTICAL DATE : MAY 2-8, 2025
ISSUE DATE : MAY 14, 2025
REPORT NO. : 2025-U041240
WORK NO. : 2025-000394
ANALYSIS NO. : T25AJ394-0022 - T25AJ394-0024

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		
			บ้านทุ่งเต๋ว		
			* T25AJ394-0022	** T25AJ394-0023	*** T25AJ394-0024
TOTAL SUSPENDED PARTICULATE MATTER ^a	mg/m ³	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.	0.051	0.054	0.048
PARTICULATE MATTER as PM10 (≤ 10 µm) ^a	mg/m ³	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.	0.030	0.044	0.035
SAMPLE CONDITION			COMPLETE	COMPLETE	COMPLETE

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

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ANALYSIS REPORT

CUSTOMER NAME : GLOBAL POWER SYNERGY PUBLIC COMPANY LIMITED
ADDRESS : 42/3 MOO 1, SUKHUMVIT ROAD KM. 124 THUNG SUKHLA SI RACHA CHON BURI 20230
CONTACT INFORMATION : TEL : 08 5314 3115 e-mail : kingkarn.kh@gpscgroup.com
SAMPLING SOURCE : GLOBAL POWER SYNERGY PUBLIC COMPANY LIMITED 42/3 MOO 1, SUKHUMVIT ROAD KM.124, TUNGSUKLA SIRACHA, CHONBURI 20230.
SAMPLE TYPE : AMBIENT
SAMPLING DATE : *, **, ***, ****
SAMPLING TIME : *, **, ***, ****
SAMPLING BY : MR SIRAPAT JONGPHADUNGKIET
ANALYZED BY : MISS JETJARIN TUMSA-AT
RECEIVED DATE : MAY 2, 2025
ANALYTICAL DATE : MAY 2-8, 2025
ISSUE DATE : MAY 14, 2025
REPORT NO. : 2025-U041242
WORK NO. : 2025-000394
ANALYSIS NO. : T25AJ394-0025 - T25AJ394-0028

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT			
			บ้านทุ่งเทครัว			
			*	**	***	****
			T25AJ394-0025	T25AJ394-0026	T25AJ394-0027	T25AJ394-0028
TOTAL SUSPENDED PARTICULATE MATTER ^a	mg/m ³	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.	0.045	0.049	0.040	0.076
PARTICULATE MATTER as PM10 (≤ 10 µm) ^a	mg/m ³	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.	0.024	0.029	0.029	0.044
SAMPLE CONDITION			COMPLETE	COMPLETE	COMPLETE	COMPLETE

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

REMARK

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ANALYSIS REPORT

CUSTOMER NAME : GLOBAL POWER SYNERGY PUBLIC COMPANY LIMITED
ADDRESS : 42/3 MOO 1, SUKHUMVIT ROAD KM. 124 THUNG SUKHLA SI RACHA CHON BURI 20230
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SAMPLE TYPE : AMBIENT
SAMPLING DATE : *, **, ***
SAMPLING TIME : *, **, ***
SAMPLING BY : MR SIRAPAT JONGPHADUNGKIET
ANALYZED BY : MISS JETJARIN TUMSA-AT
RECEIVED DATE : MAY 2, 2025
ANALYTICAL DATE : MAY 2-8, 2025
ISSUE DATE : MAY 14, 2025
REPORT NO. : 2025-U041233
WORK NO. : 2025-000394
ANALYSIS NO. : T25AJ394-0015 - T25AJ394-0017

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		
			จำนวนค่า		
			*	**	***
			T25AJ394-0015	T25AJ394-0016	T25AJ394-0017
TOTAL SUSPENDED PARTICULATE MATTER ^a	mg/m ³	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.	0.045	0.039	0.049
PARTICULATE MATTER as PM10 (≤ 10 µm) ^a	mg/m ³	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.	0.018	0.023	0.024
SAMPLE CONDITION			COMPLETE	COMPLETE	COMPLETE

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

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LABORATORY SUPERVISOR



ANALYSIS REPORT

CUSTOMER NAME : GLOBAL POWER SYNERGY PUBLIC COMPANY LIMITED
ADDRESS : 42/3 MOO 1, SUKHUMVIT ROAD KM. 124 THUNG SUKHLA SI RACHA CHON BURI 20230
CONTACT INFORMATION : TEL : 08 5314 3115 e-mail : kingkarn.kh@gpscgroup.com
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SAMPLE TYPE : AMBIENT
SAMPLING DATE : * , ** , *** , ****
SAMPLING TIME : * , ** , *** , ****
SAMPLING BY : MR SIRAPAT JONGPHADUNGKIET
ANALYZED BY : MISS JETJARIN TUMSA-AT
RECEIVED DATE : MAY 2, 2025
ANALYTICAL DATE : MAY 2-8, 2025
ISSUE DATE : MAY 14, 2025
REPORT NO. : 2025-U041239
WORK NO. : 2025-000394
ANALYSIS NO. : T25AJ394-0018 - T25AJ394-0021

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT			
			จำนวนพิก			
			* T25AJ394-0018	** T25AJ394-0019	*** T25AJ394-0020	**** T25AJ394-0021
TOTAL SUSPENDED PARTICULATE MATTER ^a	mg/m ³	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.	0.041	0.034	0.050	0.039
PARTICULATE MATTER as PM10 (≤ 10 μm) ^a	mg/m ³	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.	0.019	0.013	0.016	0.010
SAMPLE CONDITION			COMPLETE	COMPLETE	COMPLETE	COMPLETE

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

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SAMPLE TYPE : AMBIENT
SAMPLING DATE : *, **, ***
SAMPLING TIME : *, **, ***
SAMPLING BY : MR SIRAPAT JONGPHADUNGKIET
ANALYZED BY : MISS JETJARIN TUMSA-AT
RECEIVED DATE : MAY 2, 2025
ANALYTICAL DATE : MAY 2-8, 2025
ISSUE DATE : MAY 14, 2025
REPORT NO. : 2025-U041244
WORK NO. : 2025-000394
ANALYSIS NO. : T25AJ394-0029 - T25AJ394-0031

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		
			บริเวณโครงการ GPSC		
			* T25AJ394-0029	** T25AJ394-0030	*** T25AJ394-0031
TOTAL SUSPENDED PARTICULATE MATTER ^a	mg/m ³	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.	0.027	0.040	0.042
PARTICULATE MATTER as PM ₁₀ (≤ 10 μm) ^a	mg/m ³	US EPA, CODE OF FEDERAL REGULATIONS, 40 CFR CHAPTER I-PART 50 APPENDIX J, REFERENCE METHOD FOR THE DETERMINATION OF PARTICULATE MATTER AS PM ₁₀ IN THE ATMOSPHERE (HIGH-VOLUME METHOD) REVISED AS OF JULY 1, 2021.	0.015	0.020	0.017
SAMPLE CONDITION			COMPLETE	COMPLETE	COMPLETE

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

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(MISS BUDSAKORN LERDPANUMAS)
LABORATORY SUPERVISOR



ANALYSIS REPORT

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SAMPLE TYPE : AMBIENT
SAMPLING DATE : *, **, ***, ****
SAMPLING TIME : *, **, ***, ****
SAMPLING BY : MR SIRAPAT JONGPHADUNGKIET
ANALYZED BY : MISS JETJARIN TUMSA-AT
RECEIVED DATE : MAY 2, 2025
ANALYTICAL DATE : MAY 2-8, 2025
ISSUE DATE : MAY 14, 2025
REPORT NO. : 2025-U041245
WORK NO. : 2025-000394
ANALYSIS NO. : T25AJ394-0032 - T25AJ394-0035

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT			
			บริเวณโครงการ GPSC			
			*	**	***	****
			T25AJ394-0032	T25AJ394-0033	T25AJ394-0034	T25AJ394-0035
TOTAL SUSPENDED PARTICULATE MATTER ^a	mg/m ³	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.	0.030	0.038	0.060	0.067
PARTICULATE MATTER as PM10 (≤ 10 µm) ^a	mg/m ³	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.	0.016	0.020	0.025	0.033
SAMPLE CONDITION			COMPLETE	COMPLETE	COMPLETE	COMPLETE

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

REMARK

TSP, PM10 : REFERENCE CONDITION IS 25 DEGREE CELSIUS AT 1 ATMOSPHERE.
* : SAMPLING FROM 08:00 HOUR ON APRIL 26, 2025 TO 08:00 HOUR ON APRIL 27, 2025.
** : SAMPLING FROM 08:00 HOUR ON APRIL 27, 2025 TO 08:00 HOUR ON APRIL 28, 2025.
*** : SAMPLING FROM 08:00 HOUR ON APRIL 28, 2025 TO 08:00 HOUR ON APRIL 29, 2025.
**** : SAMPLING FROM 08:00 HOUR ON APRIL 29, 2025 TO 08:00 HOUR ON APRIL 30, 2025.

Budsakorn ✓

(MISS BUDSAKORN LERDPANUMAS)
LABORATORY SUPERVISOR



ANALYSIS REPORT

CUSTOMER NAME : GLOBAL POWER SYNERGY PUBLIC COMPANY LIMITED

ADDRESS : 42/3 MOO 1, SUKHUMVIT ROAD KM. 124 THUNG SUKHLA SI RACHA CHON BURI 20230

CONTACT INFORMATION : TEL : 08 5314 3115 e-mail : kingkarn.kh@gpscgroup.com

MEASURING PLACE : สถานีวิจัยเกษตรธรรมชาติ

MEASURING TYPE : AMBIENT (AIR)

MEASURING DATE : APRIL 23-30, 2025

MEASURING TIME : *

MEASURING METHOD : UV FLUORESCENCE

MEASURED BY : MR SIRAPAT JONGPHADUNGKIET

RECEIVED DATE : APRIL 23-30, 2025

ANALYTICAL DATE : APRIL 23-30, 2025

ISSUE DATE : MAY 9, 2025

REPORT NO. : 2025-U039782

WORK NO. : 2025-000394

ANALYSIS NO. : T25AJ394-0001 - T25AJ394-0007

TIME *	RESULT (ppm)		
	SULPHUR DIOXIDE		
	สถานีวิจัยเกษตรธรรมชาติ		
	APRIL 23-24, 2025 T25AJ394-0001	APRIL 24-25, 2025 T25AJ394-0002	APRIL 25-26, 2025 T25AJ394-0003
07:00-08:00 HOUR	0.0022	0.0030	0.0026
08:00-09:00 HOUR	0.0021	0.0029	0.0025
09:00-10:00 HOUR	0.0019	0.0026	0.0022
10:00-11:00 HOUR	0.0019	0.0025	0.0022
11:00-12:00 HOUR	0.0019	0.0025	0.0024
12:00-13:00 HOUR	0.0020	0.0024	0.0026
13:00-14:00 HOUR	0.0023	0.0024	0.0029
14:00-15:00 HOUR	0.0026	0.0024	0.0029
15:00-16:00 HOUR	0.0029	0.0025	0.0030
16:00-17:00 HOUR	0.0028	0.0024	0.0029
17:00-18:00 HOUR	0.0029	0.0024	0.0030
18:00-19:00 HOUR	0.0030	0.0026	0.0028
19:00-20:00 HOUR	0.0034	0.0029	0.0027
20:00-21:00 HOUR	0.0033	0.0030	0.0026
21:00-22:00 HOUR	0.0032	0.0030	0.0025
22:00-23:00 HOUR	0.0031	0.0027	0.0022
23:00-00:00 HOUR	0.0027	0.0028	0.0021
00:00-01:00 HOUR	0.0026	0.0026	0.0022
01:00-02:00 HOUR	0.0027	0.0029	0.0023
02:00-03:00 HOUR	0.0027	0.0031	0.0023
03:00-04:00 HOUR	0.0030	0.0035	0.0024
04:00-05:00 HOUR	0.0030	0.0035	0.0026
05:00-06:00 HOUR	0.0031	0.0030	0.0030
06:00-07:00 HOUR	0.0031	0.0028	0.0030
AVERAGE 24 HOUR	0.0027	0.0028	0.0026



TIME *	RESULT (ppm)			
	SULPHUR DIOXIDE			
	สถานีวิจัยเกษตรศรีราชา			
	APRIL 26-27, 2025 T25AJ394-0004	APRIL 27-28, 2025 T25AJ394-0005	APRIL 28-29, 2025 T25AJ394-0006	APRIL 29-30, 2025 T25AJ394-0007
07:00-08:00 HOUR	0.0027	0.0030	0.0022	0.0029
08:00-09:00 HOUR	0.0023	0.0026	0.0023	0.0024
09:00-10:00 HOUR	0.0021	0.0023	0.0023	0.0025
10:00-11:00 HOUR	0.0022	0.0023	0.0025	0.0023
11:00-12:00 HOUR	0.0023	0.0021	0.0027	0.0023
12:00-13:00 HOUR	0.0024	0.0019	0.0029	0.0024
13:00-14:00 HOUR	0.0026	0.0018	0.0031	0.0028
14:00-15:00 HOUR	0.0026	0.0018	0.0029	0.0018
15:00-16:00 HOUR	0.0028	0.0015	0.0028	0.0018
16:00-17:00 HOUR	0.0028	0.0020	0.0028	0.0019
17:00-18:00 HOUR	0.0029	0.0014	0.0031	0.0015
18:00-19:00 HOUR	0.0028	0.0020	0.0038	0.0015
19:00-20:00 HOUR	0.0026	0.0020	0.0041	0.0018
20:00-21:00 HOUR	0.0026	0.0032	0.0039	0.0017
21:00-22:00 HOUR	0.0027	0.0030	0.0033	0.0015
22:00-23:00 HOUR	0.0028	0.0028	0.0028	0.0019
23:00-00:00 HOUR	0.0030	0.0025	0.0027	0.0019
00:00-01:00 HOUR	0.0028	0.0024	0.0028	0.0026
01:00-02:00 HOUR	0.0030	0.0024	0.0029	0.0027
02:00-03:00 HOUR	0.0031	0.0025	0.0028	0.0024
03:00-04:00 HOUR	0.0032	0.0026	0.0030	0.0027
04:00-05:00 HOUR	0.0030	0.0028	0.0029	0.0027
05:00-06:00 HOUR	0.0030	0.0027	0.0032	0.0029
06:00-07:00 HOUR	0.0030	0.0026	0.0029	0.0028
AVERAGE 24 HOUR	0.0027	0.0023	0.0029	0.0022

Sila Banjongjairuk

(MR SILA BANJONGJAIKUK)
LABORATORY SUPERVISOR

ANALYSIS REPORT

CUSTOMER NAME	: GLOBAL POWER SYNERGY PUBLIC COMPANY LIMITED	RECEIVED DATE	: APRIL 23-30, 2025
ADDRESS	: 42/3 MOO 1, SUKHUMVIT ROAD KM. 124 THUNG SUKHLA SI RACHA CHON BURI 20230	ANALYTICAL DATE	: APRIL 23-30, 2025
CONTACT INFORMATION	: TEL : 08 5314 3115 e-mail : kingkarn.kh@gpscgroup.com	ISSUE DATE	: MAY 9, 2025
MEASURING PLACE	: บ้านอ่าวอุดม	REPORT NO.	: 2025-U039783
MEASURING TYPE	: AMBIENT (AIR)	WORK NO.	: 2025-000394
MEASURING DATE	: APRIL 23-30, 2025	ANALYSIS NO.	: T25AJ394-0008 - T25AJ394-0014
MEASURING TIME	: *		
MEASURING METHOD	: UV FLUORESCENCE		
MEASURED BY	: MR SIRAPAT JONGPHADUNGKIET		

TIME *	RESULT (ppm)		
	SULPHUR DIOXIDE		
	มาตรฐานอุตสาหกรรม		
	APRIL 23-24, 2025 T25AJ394-0008	APRIL 24-25, 2025 T25AJ394-0009	APRIL 25-26, 2025 T25AJ394-0010
07:00-08:00 HOUR	0.0030	0.0029	0.0030
08:00-09:00 HOUR	0.0027	0.0024	0.0026
09:00-10:00 HOUR	0.0025	0.0023	0.0023
10:00-11:00 HOUR	0.0026	0.0023	0.0025
11:00-12:00 HOUR	0.0025	0.0024	0.0024
12:00-13:00 HOUR	0.0029	0.0025	0.0026
13:00-14:00 HOUR	0.0032	0.0029	0.0030
14:00-15:00 HOUR	0.0035	0.0034	0.0034
15:00-16:00 HOUR	0.0035	0.0035	0.0038
16:00-17:00 HOUR	0.0034	0.0034	0.0038
17:00-18:00 HOUR	0.0035	0.0032	0.0038
18:00-19:00 HOUR	0.0036	0.0030	0.0035
19:00-20:00 HOUR	0.0034	0.0028	0.0031
20:00-21:00 HOUR	0.0033	0.0028	0.0031
21:00-22:00 HOUR	0.0030	0.0030	0.0029
22:00-23:00 HOUR	0.0028	0.0029	0.0029
23:00-00:00 HOUR	0.0026	0.0028	0.0028
00:00-01:00 HOUR	0.0028	0.0027	0.0029
01:00-02:00 HOUR	0.0031	0.0027	0.0031
02:00-03:00 HOUR	0.0033	0.0030	0.0034
03:00-04:00 HOUR	0.0032	0.0031	0.0035
04:00-05:00 HOUR	0.0033	0.0032	0.0034
05:00-06:00 HOUR	0.0034	0.0032	0.0031
06:00-07:00 HOUR	0.0032	0.0032	0.0029
AVERAGE 24 HOUR	0.0031	0.0029	0.0031



TIME *	RESULT (ppm)			
	SULPHUR DIOXIDE			
	หน่วยการวัด			
	APRIL 26-27, 2025 T25AJ394-0011	APRIL 27-28, 2025 T25AJ394-0012	APRIL 28-29, 2025 T25AJ394-0013	APRIL 29-30, 2025 T25AJ394-0014
07:00-08:00 HOUR	0.0027	0.0031	0.0026	0.0025
08:00-09:00 HOUR	0.0026	0.0027	0.0024	0.0025
09:00-10:00 HOUR	0.0024	0.0024	0.0022	0.0024
10:00-11:00 HOUR	0.0024	0.0024	0.0023	0.0024
11:00-12:00 HOUR	0.0023	0.0026	0.0022	0.0025
12:00-13:00 HOUR	0.0027	0.0028	0.0024	0.0030
13:00-14:00 HOUR	0.0032	0.0030	0.0024	0.0036
14:00-15:00 HOUR	0.0035	0.0032	0.0024	0.0041
15:00-16:00 HOUR	0.0037	0.0034	0.0024	0.0044
16:00-17:00 HOUR	0.0035	0.0039	0.0028	0.0042
17:00-18:00 HOUR	0.0039	0.0038	0.0032	0.0038
18:00-19:00 HOUR	0.0038	0.0037	0.0039	0.0034
19:00-20:00 HOUR	0.0041	0.0032	0.0038	0.0033
20:00-21:00 HOUR	0.0040	0.0032	0.0038	0.0034
21:00-22:00 HOUR	0.0041	0.0030	0.0038	0.0034
22:00-23:00 HOUR	0.0039	0.0027	0.0042	0.0035
23:00-00:00 HOUR	0.0038	0.0025	0.0045	0.0032
00:00-01:00 HOUR	0.0032	0.0024	0.0045	0.0031
01:00-02:00 HOUR	0.0031	0.0028	0.0042	0.0030
02:00-03:00 HOUR	0.0031	0.0028	0.0040	0.0032
03:00-04:00 HOUR	0.0033	0.0031	0.0037	0.0033
04:00-05:00 HOUR	0.0033	0.0030	0.0034	0.0035
05:00-06:00 HOUR	0.0032	0.0032	0.0029	0.0036
06:00-07:00 HOUR	0.0032	0.0030	0.0028	0.0039
AVERAGE 24 HOUR	0.0033	0.0030	0.0032	0.0033

Sila Banjongjairuk

(MR SILA BANJONGJAIRUK)
LABORATORY SUPERVISOR

ANALYSIS REPORT

CUSTOMER NAME : GLOBAL POWER SYNERGY PUBLIC COMPANY LIMITED
ADDRESS : 42/3 MOO 1, SUKHUMVIT ROAD KM. 124 THUNG SUKHLA SI RACHA CHON BURI 20230
CONTACT INFORMATION : TEL : 08 5314 3115 e-mail : kingkarn.kh@gpscgroup.com
MEASURING PLACE : บ้านทุ่งเทครัว
MEASURING TYPE : AMBIENT (AIR) **RECEIVED DATE** : APRIL 23-30, 2025
MEASURING DATE : APRIL 23-30, 2025 **ANALYTICAL DATE** : APRIL 23-30, 2025
MEASURING TIME : * **ISSUE DATE** : MAY 9, 2025
MEASURING METHOD : UV FLUORESCENCE **REPORT NO.** : 2025-U039785
MEASURED BY : MR SIRAPAT JONGPHADUNGKIET **WORK NO.** : 2025-000394
ANALYSIS NO. : T25AJ394-0022 - T25AJ394-0028

TIME *	RESULT (ppm)		
	SULPHUR DIOXIDE		
	บ้านทุ่งเทครัว		
	APRIL 23-24, 2025 T25AJ394-0022	APRIL 24-25, 2025 T25AJ394-0023	APRIL 25-26, 2025 T25AJ394-0024
07:00-08:00 HOUR	0.0034	0.0033	0.0035
08:00-09:00 HOUR	0.0029	0.0029	0.0032
09:00-10:00 HOUR	0.0029	0.0025	0.0031
10:00-11:00 HOUR	0.0031	0.0026	0.0034
11:00-12:00 HOUR	0.0033	0.0031	0.0035
12:00-13:00 HOUR	0.0037	0.0035	0.0037
13:00-14:00 HOUR	0.0040	0.0041	0.0039
14:00-15:00 HOUR	0.0044	0.0041	0.0040
15:00-16:00 HOUR	0.0043	0.0049	0.0038
16:00-17:00 HOUR	0.0043	0.0053	0.0035
17:00-18:00 HOUR	0.0041	0.0053	0.0037
18:00-19:00 HOUR	0.0043	0.0051	0.0042
19:00-20:00 HOUR	0.0041	0.0047	0.0044
20:00-21:00 HOUR	0.0040	0.0048	0.0043
21:00-22:00 HOUR	0.0039	0.0046	0.0042
22:00-23:00 HOUR	0.0038	0.0046	0.0043
23:00-00:00 HOUR	0.0040	0.0048	0.0042
00:00-01:00 HOUR	0.0039	0.0044	0.0040
01:00-02:00 HOUR	0.0039	0.0043	0.0039
02:00-03:00 HOUR	0.0039	0.0039	0.0039
03:00-04:00 HOUR	0.0039	0.0044	0.0045
04:00-05:00 HOUR	0.0040	0.0045	0.0045
05:00-06:00 HOUR	0.0038	0.0045	0.0044
06:00-07:00 HOUR	0.0037	0.0040	0.0037
AVERAGE 24 HOUR	0.0038	0.0042	0.0039



TIME *	RESULT (ppm)			
	SULPHUR DIOXIDE			
	บ้านทุ่งเทครัว			
	APRIL 26-27, 2025 T25AJ394-0025	APRIL 27-28, 2025 T25AJ394-0026	APRIL 28-29, 2025 T25AJ394-0027	APRIL 29-30, 2025 T25AJ394-0028
07:00-08:00 HOUR	0.0032	0.0032	0.0038	0.0029
08:00-09:00 HOUR	0.0028	0.0028	0.0034	0.0027
09:00-10:00 HOUR	0.0026	0.0027	0.0031	0.0026
10:00-11:00 HOUR	0.0023	0.0030	0.0031	0.0025
11:00-12:00 HOUR	0.0025	0.0031	0.0036	0.0028
12:00-13:00 HOUR	0.0027	0.0034	0.0038	0.0032
13:00-14:00 HOUR	0.0034	0.0037	0.0040	0.0039
14:00-15:00 HOUR	0.0036	0.0040	0.0037	0.0042
15:00-16:00 HOUR	0.0040	0.0045	0.0038	0.0042
16:00-17:00 HOUR	0.0039	0.0049	0.0037	0.0044
17:00-18:00 HOUR	0.0042	0.0053	0.0041	0.0042
18:00-19:00 HOUR	0.0041	0.0055	0.0043	0.0038
19:00-20:00 HOUR	0.0040	0.0052	0.0045	0.0033
20:00-21:00 HOUR	0.0038	0.0045	0.0046	0.0032
21:00-22:00 HOUR	0.0040	0.0041	0.0047	0.0032
22:00-23:00 HOUR	0.0044	0.0037	0.0046	0.0030
23:00-00:00 HOUR	0.0044	0.0040	0.0041	0.0030
00:00-01:00 HOUR	0.0041	0.0039	0.0036	0.0028
01:00-02:00 HOUR	0.0036	0.0039	0.0031	0.0031
02:00-03:00 HOUR	0.0038	0.0040	0.0031	0.0034
03:00-04:00 HOUR	0.0042	0.0041	0.0032	0.0037
04:00-05:00 HOUR	0.0043	0.0044	0.0036	0.0040
05:00-06:00 HOUR	0.0041	0.0042	0.0035	0.0040
06:00-07:00 HOUR	0.0035	0.0041	0.0032	0.0045
AVERAGE 24 HOUR	0.0036	0.0040	0.0038	0.0034

Sila Banjongjairuk

(MR SILA BANJONGJAIRUK)
LABORATORY SUPERVISOR

ANALYSIS REPORT

CUSTOMER NAME : GLOBAL POWER SYNERGY PUBLIC COMPANY LIMITED
ADDRESS : 42/3 MOO 1, SUKHUMVIT ROAD KM. 124 THUNG SUKHLA SI RACHA CHON BURI 20230
CONTACT INFORMATION : TEL : 08 5314 3115 e-mail : kingkam.kh@gpscgroup.com
MEASURING PLACE : บ้านเขาทุ (บ้านปากทางอ่าวอุดม)
MEASURING TYPE : AMBIENT (AIR) **RECEIVED DATE** : APRIL 23-30, 2025
MEASURING DATE : APRIL 23-30, 2025 **ANALYTICAL DATE** : APRIL 23-30, 2025
MEASURING TIME : * **ISSUE DATE** : MAY 9, 2025
MEASURING METHOD : UV FLUORESCENCE **REPORT NO.** : 2025-U039784
MEASURED BY : MR SIRAPAT JONGPHADUNGKIET **WORK NO.** : 2025-000394
ANALYSIS NO. : T25AJ394-0015 - T25AJ394-0021

TIME *	RESULT (ppm)		
	SULPHUR DIOXIDE		
	บ้านเขาทุ (บ้านปากทางอ่าวอุดม)		
	APRIL 23-24, 2025 T25AJ394-0015	APRIL 24-25, 2025 T25AJ394-0016	APRIL 25-26, 2025 T25AJ394-0017
07:00-08:00 HOUR	0.0029	0.0027	0.0030
08:00-09:00 HOUR	0.0027	0.0025	0.0027
09:00-10:00 HOUR	0.0029	0.0021	0.0025
10:00-11:00 HOUR	0.0029	0.0021	0.0024
11:00-12:00 HOUR	0.0030	0.0022	0.0025
12:00-13:00 HOUR	0.0032	0.0024	0.0028
13:00-14:00 HOUR	0.0033	0.0026	0.0028
14:00-15:00 HOUR	0.0034	0.0028	0.0030
15:00-16:00 HOUR	0.0037	0.0030	0.0029
16:00-17:00 HOUR	0.0040	0.0031	0.0033
17:00-18:00 HOUR	0.0042	0.0034	0.0032
18:00-19:00 HOUR	0.0038	0.0034	0.0035
19:00-20:00 HOUR	0.0037	0.0033	0.0039
20:00-21:00 HOUR	0.0033	0.0030	0.0043
21:00-22:00 HOUR	0.0032	0.0028	0.0044
22:00-23:00 HOUR	0.0029	0.0030	0.0043
23:00-00:00 HOUR	0.0029	0.0034	0.0040
00:00-01:00 HOUR	0.0030	0.0037	0.0036
01:00-02:00 HOUR	0.0031	0.0036	0.0033
02:00-03:00 HOUR	0.0034	0.0033	0.0033
03:00-04:00 HOUR	0.0034	0.0030	0.0034
04:00-05:00 HOUR	0.0034	0.0030	0.0034
05:00-06:00 HOUR	0.0030	0.0031	0.0033
06:00-07:00 HOUR	0.0030	0.0032	0.0034
AVERAGE 24 HOUR	0.0033	0.0029	0.0033



TIME *	RESULT (ppm)			
	SULPHUR DIOXIDE			
	บ้านเขาพู่ (บ้านปากทางอ่าวอุดม)			
	APRIL 26-27, 2025 T25AJ394-0018	APRIL 27-28, 2025 T25AJ394-0019	APRIL 28-29, 2025 T25AJ394-0020	APRIL 29-30, 2025 T25AJ394-0021
07:00-08:00 HOUR	0.0029	0.0024	0.0028	0.0031
08:00-09:00 HOUR	0.0028	0.0022	0.0025	0.0025
09:00-10:00 HOUR	0.0024	0.0020	0.0023	0.0022
10:00-11:00 HOUR	0.0027	0.0019	0.0023	0.0022
11:00-12:00 HOUR	0.0025	0.0022	0.0024	0.0024
12:00-13:00 HOUR	0.0025	0.0025	0.0024	0.0026
13:00-14:00 HOUR	0.0025	0.0027	0.0030	0.0027
14:00-15:00 HOUR	0.0029	0.0026	0.0037	0.0029
15:00-16:00 HOUR	0.0032	0.0027	0.0041	0.0034
16:00-17:00 HOUR	0.0036	0.0028	0.0039	0.0038
17:00-18:00 HOUR	0.0036	0.0032	0.0038	0.0040
18:00-19:00 HOUR	0.0035	0.0036	0.0039	0.0037
19:00-20:00 HOUR	0.0034	0.0041	0.0038	0.0036
20:00-21:00 HOUR	0.0033	0.0041	0.0034	0.0033
21:00-22:00 HOUR	0.0031	0.0040	0.0033	0.0031
22:00-23:00 HOUR	0.0028	0.0037	0.0034	0.0030
23:00-00:00 HOUR	0.0026	0.0032	0.0036	0.0028
00:00-01:00 HOUR	0.0026	0.0031	0.0039	0.0029
01:00-02:00 HOUR	0.0027	0.0032	0.0041	0.0030
02:00-03:00 HOUR	0.0030	0.0032	0.0040	0.0029
03:00-04:00 HOUR	0.0032	0.0031	0.0040	0.0034
04:00-05:00 HOUR	0.0031	0.0032	0.0039	0.0034
05:00-06:00 HOUR	0.0029	0.0034	0.0038	0.0037
06:00-07:00 HOUR	0.0026	0.0034	0.0034	0.0033
AVERAGE 24 HOUR	0.0029	0.0030	0.0034	0.0031

Sila Banjongjairuk

(MR SILA BANJONGJAIRUK)
LABORATORY SUPERVISOR

ANALYSIS REPORT

CUSTOMER NAME : GLOBAL POWER SYNERGY PUBLIC COMPANY LIMITED

ADDRESS : 42/3 MOO 1, SUKHUMVIT ROAD KM. 124 THUNG SUKHLA SI RACHA CHON BURI 20230

CONTACT INFORMATION : TEL : 08 5314 3115 e-mail : kingkarn.kh@gpscgroup.com

MEASURING PLACE : บริเวณพื้นที่โครงการ GPSC

MEASURING TYPE : AMBIENT (AIR)

RECEIVED DATE : APRIL 23-30, 2025

MEASURING DATE : APRIL 23-30, 2025

ANALYTICAL DATE : APRIL 23-30, 2025

MEASURING TIME : *

ISSUE DATE : MAY 9, 2025

MEASURING METHOD : UV FLUORESCENCE

REPORT NO. : 2025-U039786

MEASURED BY : MR SIRAPAT JONGPHADUNGKIET

WORK NO. : 2025-000394

ANALYSIS NO. : T25AJ394-0029 - T25AJ394-0035

TIME *	RESULT (ppm)		
	SULPHUR DIOXIDE		
	บริเวณพื้นที่โครงการ GPSC		
	APRIL 23-24, 2025 T25AJ394-0029	APRIL 24-25, 2025 T25AJ394-0030	APRIL 25-26, 2025 T25AJ394-0031
07:00-08:00 HOUR	0.0044	0.0040	0.0035
08:00-09:00 HOUR	0.0040	0.0038	0.0030
09:00-10:00 HOUR	0.0034	0.0039	0.0030
10:00-11:00 HOUR	0.0034	0.0037	0.0032
11:00-12:00 HOUR	0.0030	0.0036	0.0032
12:00-13:00 HOUR	0.0034	0.0038	0.0033
13:00-14:00 HOUR	0.0036	0.0044	0.0036
14:00-15:00 HOUR	0.0037	0.0050	0.0044
15:00-16:00 HOUR	0.0040	0.0052	0.0052
16:00-17:00 HOUR	0.0042	0.0050	0.0056
17:00-18:00 HOUR	0.0045	0.0046	0.0054
18:00-19:00 HOUR	0.0043	0.0048	0.0052
19:00-20:00 HOUR	0.0047	0.0047	0.0055
20:00-21:00 HOUR	0.0048	0.0049	0.0055
21:00-22:00 HOUR	0.0053	0.0048	0.0059
22:00-23:00 HOUR	0.0050	0.0052	0.0051
23:00-00:00 HOUR	0.0052	0.0050	0.0051
00:00-01:00 HOUR	0.0048	0.0044	0.0044
01:00-02:00 HOUR	0.0048	0.0040	0.0045
02:00-03:00 HOUR	0.0047	0.0040	0.0044
03:00-04:00 HOUR	0.0050	0.0041	0.0047
04:00-05:00 HOUR	0.0049	0.0040	0.0046
05:00-06:00 HOUR	0.0047	0.0041	0.0045
06:00-07:00 HOUR	0.0041	0.0038	0.0042
AVERAGE 24 HOUR	0.0043	0.0044	0.0045



TIME *	RESULT (ppm)			
	SULPHUR DIOXIDE			
	บริเวณพื้นที่โครงการ GPSC			
	APRIL 26-27, 2025 T25AJ394-0032	APRIL 27-28, 2025 T25AJ394-0033	APRIL 28-29, 2025 T25AJ394-0034	APRIL 29-30, 2025 T25AJ394-0035
07:00-08:00 HOUR	0.0041	0.0037	0.0035	0.0035
08:00-09:00 HOUR	0.0039	0.0038	0.0031	0.0031
09:00-10:00 HOUR	0.0039	0.0037	0.0034	0.0028
10:00-11:00 HOUR	0.0042	0.0039	0.0035	0.0032
11:00-12:00 HOUR	0.0041	0.0038	0.0034	0.0035
12:00-13:00 HOUR	0.0046	0.0045	0.0036	0.0040
13:00-14:00 HOUR	0.0047	0.0049	0.0038	0.0046
14:00-15:00 HOUR	0.0051	0.0050	0.0032	0.0049
15:00-16:00 HOUR	0.0049	0.0050	0.0034	0.0049
16:00-17:00 HOUR	0.0047	0.0049	0.0034	0.0050
17:00-18:00 HOUR	0.0053	0.0034	0.0038	0.0053
18:00-19:00 HOUR	0.0054	0.0035	0.0032	0.0056
19:00-20:00 HOUR	0.0055	0.0029	0.0037	0.0051
20:00-21:00 HOUR	0.0048	0.0039	0.0041	0.0047
21:00-22:00 HOUR	0.0048	0.0032	0.0040	0.0044
22:00-23:00 HOUR	0.0048	0.0043	0.0043	0.0042
23:00-00:00 HOUR	0.0050	0.0038	0.0047	0.0041
00:00-01:00 HOUR	0.0045	0.0054	0.0036	0.0036
01:00-02:00 HOUR	0.0046	0.0048	0.0039	0.0034
02:00-03:00 HOUR	0.0043	0.0046	0.0041	0.0036
03:00-04:00 HOUR	0.0045	0.0048	0.0047	0.0042
04:00-05:00 HOUR	0.0048	0.0048	0.0045	0.0050
05:00-06:00 HOUR	0.0046	0.0048	0.0045	0.0051
06:00-07:00 HOUR	0.0043	0.0041	0.0042	0.0052
AVERAGE 24 HOUR	0.0046	0.0042	0.0038	0.0043

Sila Banjongjairuk

(MR SILA BANJONGJAIRUK)
LABORATORY SUPERVISOR

ANALYSIS REPORT

CUSTOMER NAME : GLOBAL POWER SYNERGY PUBLIC COMPANY LIMITED
ADDRESS : 42/3 MOO 1, SUKHUMVIT ROAD KM. 124 THUNG SUKHLA SI RACHA CHON BURI 20230
CONTACT INFORMATION : TEL : 08 5314 3115 e-mail : kingkarn.kh@gpscgroup.com
MEASURING PLACE : สถานีวิจัยเกษตรครีราชา
MEASURING TYPE : AMBIENT (AIR) **RECEIVED DATE** : APRIL 23-30, 2025
MEASURING DATE : APRIL 23-30, 2025 **ANALYTICAL DATE** : APRIL 23-30, 2025
MEASURING TIME : * **ISSUE DATE** : MAY 9, 2025
MEASURING METHOD : CHEMILUMINESCENCE **REPORT NO.** : 2025-U039777
MEASURED BY : MR SIRAPAT JONGPHADUNGKIET **WORK NO.** : 2025-000394
ANALYSIS NO. : T25AJ394-0001 - T25AJ394-0007

TIME *	RESULT (ppm)		
	NITROGEN DIOXIDE		
	สถานีวิจัยเกษตรครีราชา		
	APRIL 23-24, 2025 T25AJ394-0001	APRIL 24-25, 2025 T25AJ394-0002	APRIL 25-26, 2025 T25AJ394-0003
07:00-08:00 HOUR	0.0161	0.0157	0.0178
08:00-09:00 HOUR	0.0139	0.0146	0.0152
09:00-10:00 HOUR	0.0115	0.0135	0.0122
10:00-11:00 HOUR	0.0106	0.0129	0.0102
11:00-12:00 HOUR	0.0106	0.0132	0.0110
12:00-13:00 HOUR	0.0113	0.0132	0.0116
13:00-14:00 HOUR	0.0124	0.0156	0.0129
14:00-15:00 HOUR	0.0126	0.0159	0.0132
15:00-16:00 HOUR	0.0141	0.0173	0.0149
16:00-17:00 HOUR	0.0145	0.0167	0.0169
17:00-18:00 HOUR	0.0150	0.0169	0.0180
18:00-19:00 HOUR	0.0155	0.0171	0.0179
19:00-20:00 HOUR	0.0155	0.0165	0.0171
20:00-21:00 HOUR	0.0160	0.0151	0.0160
21:00-22:00 HOUR	0.0159	0.0131	0.0144
22:00-23:00 HOUR	0.0159	0.0121	0.0128
23:00-00:00 HOUR	0.0145	0.0113	0.0125
00:00-01:00 HOUR	0.0135	0.0117	0.0139
01:00-02:00 HOUR	0.0137	0.0128	0.0149
02:00-03:00 HOUR	0.0143	0.0136	0.0154
03:00-04:00 HOUR	0.0143	0.0146	0.0145
04:00-05:00 HOUR	0.0148	0.0151	0.0144
05:00-06:00 HOUR	0.0160	0.0169	0.0160
06:00-07:00 HOUR	0.0169	0.0181	0.0185



TIME *	RESULT (ppm)			
	NITROGEN DIOXIDE			
	สถานีวิจัยเกษตรธรรมชาติ			
	APRIL 26-27, 2025 T25AJ394-0004	APRIL 27-28, 2025 T25AJ394-0005	APRIL 28-29, 2025 T25AJ394-0006	APRIL 29-30, 2025 T25AJ394-0007
07:00-08:00 HOUR	0.0188	0.0158	0.0163	0.0168
08:00-09:00 HOUR	0.0166	0.0151	0.0139	0.0161
09:00-10:00 HOUR	0.0133	0.0127	0.0125	0.0146
10:00-11:00 HOUR	0.0113	0.0116	0.0117	0.0135
11:00-12:00 HOUR	0.0113	0.0111	0.0125	0.0132
12:00-13:00 HOUR	0.0116	0.0108	0.0122	0.0135
13:00-14:00 HOUR	0.0121	0.0122	0.0141	0.0143
14:00-15:00 HOUR	0.0119	0.0119	0.0149	0.0151
15:00-16:00 HOUR	0.0130	0.0135	0.0158	0.0165
16:00-17:00 HOUR	0.0142	0.0138	0.0155	0.0176
17:00-18:00 HOUR	0.0154	0.0151	0.0165	0.0183
18:00-19:00 HOUR	0.0161	0.0150	0.0165	0.0179
19:00-20:00 HOUR	0.0160	0.0169	0.0170	0.0184
20:00-21:00 HOUR	0.0154	0.0182	0.0155	0.0181
21:00-22:00 HOUR	0.0142	0.0189	0.0151	0.0185
22:00-23:00 HOUR	0.0137	0.0182	0.0149	0.0170
23:00-00:00 HOUR	0.0138	0.0168	0.0146	0.0163
00:00-01:00 HOUR	0.0142	0.0159	0.0154	0.0144
01:00-02:00 HOUR	0.0149	0.0144	0.0164	0.0142
02:00-03:00 HOUR	0.0153	0.0155	0.0178	0.0141
03:00-04:00 HOUR	0.0155	0.0165	0.0190	0.0143
04:00-05:00 HOUR	0.0161	0.0174	0.0182	0.0145
05:00-06:00 HOUR	0.0161	0.0176	0.0179	0.0143
06:00-07:00 HOUR	0.0172	0.0175	0.0174	0.0151

Sila Banjongjairuk

(MR SILA BANJONGJAIKUK)
LABORATORY SUPERVISOR

ANALYSIS REPORT

CUSTOMER NAME	: GLOBAL POWER SYNERGY PUBLIC COMPANY LIMITED	RECEIVED DATE	: APRIL 23-30, 2025
ADDRESS	: 42/3 MOO 1, SUKHUMVIT ROAD KM. 124 THUNG SUKHLA SI RACHA CHON BURI 20230	ANALYTICAL DATE	: APRIL 23-30, 2025
CONTACT INFORMATION	: TEL : 08 5314 3115 e-mail : kingkarn.kh@gpscgroup.com	ISSUE DATE	: MAY 9, 2025
MEASURING PLACE	: บ้านอ่าวอุดม	REPORT NO.	: 2025-U039778
MEASURING TYPE	: AMBIENT (AIR)	WORK NO.	: 2025-000394
MEASURING DATE	: APRIL 23-30, 2025	ANALYSIS NO.	: T25AJ394-0008 - T25AJ394-0014
MEASURING TIME	: *		
MEASURING METHOD	: CHEMILUMINESCENCE		
MEASURED BY	: MR SIRAPAT JONGPHADUNGKIET		

TIME *	RESULT (ppm)		
	NITROGEN DIOXIDE		
	บ้านอ่าวอุดม		
	APRIL 23-24, 2025 T25AJ394-0008	APRIL 24-25, 2025 T25AJ394-0009	APRIL 25-26, 2025 T25AJ394-0010
07:00-08:00 HOUR	0.0169	0.0178	0.0183
08:00-09:00 HOUR	0.0153	0.0159	0.0169
09:00-10:00 HOUR	0.0121	0.0132	0.0136
10:00-11:00 HOUR	0.0120	0.0118	0.0115
11:00-12:00 HOUR	0.0125	0.0119	0.0119
12:00-13:00 HOUR	0.0142	0.0130	0.0125
13:00-14:00 HOUR	0.0155	0.0146	0.0125
14:00-15:00 HOUR	0.0168	0.0159	0.0122
15:00-16:00 HOUR	0.0178	0.0185	0.0147
16:00-17:00 HOUR	0.0185	0.0183	0.0166
17:00-18:00 HOUR	0.0183	0.0177	0.0190
18:00-19:00 HOUR	0.0182	0.0156	0.0185
19:00-20:00 HOUR	0.0183	0.0163	0.0185
20:00-21:00 HOUR	0.0184	0.0163	0.0179
21:00-22:00 HOUR	0.0184	0.0170	0.0176
22:00-23:00 HOUR	0.0180	0.0164	0.0172
23:00-00:00 HOUR	0.0180	0.0164	0.0165
00:00-01:00 HOUR	0.0179	0.0162	0.0167
01:00-02:00 HOUR	0.0172	0.0165	0.0156
02:00-03:00 HOUR	0.0167	0.0175	0.0160
03:00-04:00 HOUR	0.0159	0.0176	0.0150
04:00-05:00 HOUR	0.0163	0.0176	0.0161
05:00-06:00 HOUR	0.0171	0.0169	0.0172
06:00-07:00 HOUR	0.0180	0.0178	0.0191



TIME *	RESULT (ppm)			
	NITROGEN DIOXIDE			
	บ้านฉางอุตสาหกรรม			
	APRIL 26-27, 2025 T25AJ394-0011	APRIL 27-28, 2025 T25AJ394-0012	APRIL 28-29, 2025 T25AJ394-0013	APRIL 29-30, 2025 T25AJ394-0014
07:00-08:00 HOUR	0.0187	0.0183	0.0177	0.0186
08:00-09:00 HOUR	0.0167	0.0165	0.0154	0.0174
09:00-10:00 HOUR	0.0149	0.0139	0.0129	0.0150
10:00-11:00 HOUR	0.0142	0.0132	0.0109	0.0139
11:00-12:00 HOUR	0.0136	0.0124	0.0116	0.0135
12:00-13:00 HOUR	0.0138	0.0127	0.0122	0.0130
13:00-14:00 HOUR	0.0152	0.0141	0.0143	0.0137
14:00-15:00 HOUR	0.0171	0.0147	0.0153	0.0129
15:00-16:00 HOUR	0.0179	0.0157	0.0170	0.0144
16:00-17:00 HOUR	0.0176	0.0164	0.0179	0.0154
17:00-18:00 HOUR	0.0179	0.0177	0.0175	0.0168
18:00-19:00 HOUR	0.0184	0.0189	0.0171	0.0166
19:00-20:00 HOUR	0.0198	0.0183	0.0158	0.0160
20:00-21:00 HOUR	0.0186	0.0181	0.0163	0.0170
21:00-22:00 HOUR	0.0182	0.0168	0.0160	0.0177
22:00-23:00 HOUR	0.0167	0.0166	0.0169	0.0174
23:00-00:00 HOUR	0.0164	0.0157	0.0161	0.0170
00:00-01:00 HOUR	0.0163	0.0159	0.0164	0.0165
01:00-02:00 HOUR	0.0170	0.0152	0.0150	0.0165
02:00-03:00 HOUR	0.0176	0.0150	0.0153	0.0150
03:00-04:00 HOUR	0.0182	0.0147	0.0153	0.0145
04:00-05:00 HOUR	0.0173	0.0151	0.0159	0.0154
05:00-06:00 HOUR	0.0184	0.0163	0.0172	0.0161
06:00-07:00 HOUR	0.0189	0.0176	0.0184	0.0174

Sila Banjongjairuk

(MR SILA BANJONGJAIKUK)
LABORATORY SUPERVISOR

ANALYSIS REPORT

CUSTOMER NAME : GLOBAL POWER SYNERGY PUBLIC COMPANY LIMITED
ADDRESS : 42/3 MOO 1, SUKHUMVIT ROAD KM. 124 THUNG SUKHLA SI RACHA CHON BURI 20230
CONTACT INFORMATION : TEL : 08 5314 3115 e-mail : kingkarn.kh@gpscgroup.com
MEASURING PLACE : บ้านทุ่งเทครัว
MEASURING TYPE : AMBIENT (AIR) **RECEIVED DATE** : APRIL 23-30, 2025
MEASURING DATE : APRIL 23-30, 2025 **ANALYTICAL DATE** : APRIL 23-30, 2025
MEASURING TIME : * **ISSUE DATE** : MAY 9, 2025
MEASURING METHOD : CHEMILUMINESCENCE **REPORT NO.** : 2025-U039780
MEASURED BY : MR SIRAPAT JONGPHADUNGKIET **WORK NO.** : 2025-000394
ANALYSIS NO. : T25AJ394-0022 - T25AJ394-0028

TIME *	RESULT (ppm)		
	NITROGEN DIOXIDE		
	บ้านทุ่งเทครัว		
	APRIL 23-24, 2025 T25AJ394-0022	APRIL 24-25, 2025 T25AJ394-0023	APRIL 25-26, 2025 T25AJ394-0024
07:00-08:00 HOUR	0.0201	0.0191	0.0195
08:00-09:00 HOUR	0.0192	0.0169	0.0174
09:00-10:00 HOUR	0.0166	0.0140	0.0152
10:00-11:00 HOUR	0.0154	0.0133	0.0144
11:00-12:00 HOUR	0.0149	0.0148	0.0148
12:00-13:00 HOUR	0.0153	0.0158	0.0147
13:00-14:00 HOUR	0.0164	0.0187	0.0154
14:00-15:00 HOUR	0.0164	0.0186	0.0155
15:00-16:00 HOUR	0.0179	0.0197	0.0175
16:00-17:00 HOUR	0.0185	0.0204	0.0180
17:00-18:00 HOUR	0.0191	0.0211	0.0197
18:00-19:00 HOUR	0.0186	0.0210	0.0187
19:00-20:00 HOUR	0.0189	0.0203	0.0200
20:00-21:00 HOUR	0.0200	0.0211	0.0201
21:00-22:00 HOUR	0.0190	0.0215	0.0202
22:00-23:00 HOUR	0.0172	0.0212	0.0189
23:00-00:00 HOUR	0.0156	0.0205	0.0175
00:00-01:00 HOUR	0.0170	0.0195	0.0166
01:00-02:00 HOUR	0.0183	0.0202	0.0156
02:00-03:00 HOUR	0.0189	0.0207	0.0154
03:00-04:00 HOUR	0.0188	0.0212	0.0158
04:00-05:00 HOUR	0.0197	0.0206	0.0182
05:00-06:00 HOUR	0.0202	0.0201	0.0197
06:00-07:00 HOUR	0.0215	0.0207	0.0213



TIME *	RESULT (ppm)			
	NITROGEN DIOXIDE			
	บ้านทุ่งเทครัว			
	APRIL 26-27, 2025 T25AJ394-0025	APRIL 27-28, 2025 T25AJ394-0026	APRIL 28-29, 2025 T25AJ394-0027	APRIL 29-30, 2025 T25AJ394-0028
07:00-08:00 HOUR	0.0195	0.0200	0.0216	0.0210
08:00-09:00 HOUR	0.0176	0.0186	0.0188	0.0197
09:00-10:00 HOUR	0.0154	0.0164	0.0151	0.0160
10:00-11:00 HOUR	0.0146	0.0161	0.0130	0.0151
11:00-12:00 HOUR	0.0156	0.0155	0.0139	0.0147
12:00-13:00 HOUR	0.0156	0.0153	0.0146	0.0155
13:00-14:00 HOUR	0.0171	0.0153	0.0170	0.0164
14:00-15:00 HOUR	0.0163	0.0162	0.0175	0.0175
15:00-16:00 HOUR	0.0178	0.0196	0.0187	0.0194
16:00-17:00 HOUR	0.0178	0.0206	0.0186	0.0191
17:00-18:00 HOUR	0.0197	0.0216	0.0183	0.0204
18:00-19:00 HOUR	0.0207	0.0202	0.0195	0.0206
19:00-20:00 HOUR	0.0217	0.0194	0.0192	0.0200
20:00-21:00 HOUR	0.0217	0.0181	0.0200	0.0179
21:00-22:00 HOUR	0.0210	0.0177	0.0192	0.0163
22:00-23:00 HOUR	0.0197	0.0183	0.0194	0.0162
23:00-00:00 HOUR	0.0194	0.0180	0.0187	0.0162
00:00-01:00 HOUR	0.0185	0.0174	0.0177	0.0172
01:00-02:00 HOUR	0.0194	0.0174	0.0158	0.0184
02:00-03:00 HOUR	0.0190	0.0181	0.0147	0.0192
03:00-04:00 HOUR	0.0190	0.0185	0.0144	0.0194
04:00-05:00 HOUR	0.0184	0.0189	0.0166	0.0199
05:00-06:00 HOUR	0.0194	0.0200	0.0188	0.0198
06:00-07:00 HOUR	0.0205	0.0218	0.0215	0.0203

Sila Banjongjairuk

(MR SILA BANJONGJAIKUK)
LABORATORY SUPERVISOR

ANALYSIS REPORT

CUSTOMER NAME : GLOBAL POWER SYNERGY PUBLIC COMPANY LIMITED
ADDRESS : 42/3 MOO 1, SUKHUMVIT ROAD KM. 124 THUNG SUKHLA SI RACHA CHON BURI 20230
CONTACT INFORMATION : TEL : 08 5314 3115 e-mail : kingkarn.kh@gpscgroup.com
MEASURING PLACE : บ้านเขาพ (บ้านปากทางอ่าวอุดม)
MEASURING TYPE : AMBIENT (AIR) **RECEIVED DATE** : APRIL 23-30, 2025
MEASURING DATE : APRIL 23-30, 2025 **ANALYTICAL DATE** : APRIL 23-30, 2025
MEASURING TIME : * **ISSUE DATE** : MAY 9, 2025
MEASURING METHOD : CHEMILUMINESCENCE **REPORT NO.** : 2025-U039779
MEASURED BY : MR SIRAPAT JONGPHADUNGKIET **WORK NO.** : 2025-000394
ANALYSIS NO. : T25AJ394-0015 - T25AJ394-0021

TIME *	RESULT (ppm)		
	NITROGEN DIOXIDE		
	บ้านเขาพ (บ้านปากทางอ่าวอุดม)		
	APRIL 23-24, 2025 T25AJ394-0015	APRIL 24-25, 2025 T25AJ394-0016	APRIL 25-26, 2025 T25AJ394-0017
07:00-08:00 HOUR	0.0180	0.0181	0.0176
08:00-09:00 HOUR	0.0167	0.0170	0.0173
09:00-10:00 HOUR	0.0135	0.0142	0.0153
10:00-11:00 HOUR	0.0119	0.0132	0.0143
11:00-12:00 HOUR	0.0129	0.0133	0.0140
12:00-13:00 HOUR	0.0129	0.0134	0.0131
13:00-14:00 HOUR	0.0142	0.0147	0.0135
14:00-15:00 HOUR	0.0130	0.0149	0.0137
15:00-16:00 HOUR	0.0142	0.0164	0.0161
16:00-17:00 HOUR	0.0149	0.0176	0.0170
17:00-18:00 HOUR	0.0167	0.0172	0.0169
18:00-19:00 HOUR	0.0169	0.0180	0.0172
19:00-20:00 HOUR	0.0181	0.0174	0.0170
20:00-21:00 HOUR	0.0182	0.0175	0.0171
21:00-22:00 HOUR	0.0189	0.0168	0.0159
22:00-23:00 HOUR	0.0191	0.0156	0.0158
23:00-00:00 HOUR	0.0188	0.0157	0.0155
00:00-01:00 HOUR	0.0183	0.0161	0.0159
01:00-02:00 HOUR	0.0178	0.0169	0.0153
02:00-03:00 HOUR	0.0188	0.0167	0.0144
03:00-04:00 HOUR	0.0189	0.0164	0.0130
04:00-05:00 HOUR	0.0180	0.0167	0.0141
05:00-06:00 HOUR	0.0175	0.0175	0.0159
06:00-07:00 HOUR	0.0185	0.0183	0.0182



TIME *	RESULT (ppm)			
	NITROGEN DIOXIDE			
	บ้านเขาฟ (บ้านปากทางอ่าวอุดม)			
	APRIL 26-27, 2025 T25AJ394-0018	APRIL 27-28, 2025 T25AJ394-0019	APRIL 28-29, 2025 T25AJ394-0020	APRIL 29-30, 2025 T25AJ394-0021
07:00-08:00 HOUR	0.0178	0.0184	0.0180	0.0179
08:00-09:00 HOUR	0.0170	0.0168	0.0170	0.0165
09:00-10:00 HOUR	0.0143	0.0136	0.0149	0.0149
10:00-11:00 HOUR	0.0137	0.0119	0.0137	0.0144
11:00-12:00 HOUR	0.0135	0.0123	0.0128	0.0148
12:00-13:00 HOUR	0.0143	0.0131	0.0127	0.0148
13:00-14:00 HOUR	0.0166	0.0149	0.0146	0.0160
14:00-15:00 HOUR	0.0173	0.0155	0.0156	0.0150
15:00-16:00 HOUR	0.0187	0.0173	0.0192	0.0169
16:00-17:00 HOUR	0.0177	0.0180	0.0194	0.0163
17:00-18:00 HOUR	0.0181	0.0179	0.0196	0.0168
18:00-19:00 HOUR	0.0179	0.0182	0.0189	0.0164
19:00-20:00 HOUR	0.0182	0.0174	0.0184	0.0165
20:00-21:00 HOUR	0.0177	0.0171	0.0182	0.0170
21:00-22:00 HOUR	0.0173	0.0163	0.0168	0.0165
22:00-23:00 HOUR	0.0160	0.0169	0.0164	0.0160
23:00-00:00 HOUR	0.0148	0.0167	0.0149	0.0151
00:00-01:00 HOUR	0.0148	0.0174	0.0157	0.0158
01:00-02:00 HOUR	0.0145	0.0176	0.0154	0.0165
02:00-03:00 HOUR	0.0148	0.0181	0.0157	0.0169
03:00-04:00 HOUR	0.0152	0.0180	0.0148	0.0160
04:00-05:00 HOUR	0.0164	0.0175	0.0161	0.0160
05:00-06:00 HOUR	0.0181	0.0182	0.0182	0.0163
06:00-07:00 HOUR	0.0187	0.0180	0.0190	0.0177

Sila Banjongjairuk

(MR SILA BANJONGJAIKUK)
LABORATORY SUPERVISOR

ANALYSIS REPORT

CUSTOMER NAME : GLOBAL POWER SYNERGY PUBLIC COMPANY LIMITED
ADDRESS : 42/3 MOO 1, SUKHUMVIT ROAD KM. 124 THUNG SUKHLA SI RACHA CHON BURI 20230
CONTACT INFORMATION : TEL : 08 5314 3115 e-mail : kingkarn.kh@gpscgroup.com
MEASURING PLACE : บริเวณพื้นที่โครงการ GPSC
MEASURING TYPE : AMBIENT (AIR) **RECEIVED DATE** : APRIL 23-30, 2025
MEASURING DATE : APRIL 23-30, 2025 **ANALYTICAL DATE** : APRIL 23-30, 2025
MEASURING TIME : * **ISSUE DATE** : MAY 9, 2025
MEASURING METHOD : CHEMILUMINESCENCE **REPORT NO.** : 2025-U039781
MEASURED BY : MR SIRAPAT JONGPHADUNGKIET **WORK NO.** : 2025-000394
ANALYSIS NO. : T25AJ394-0029 - T25AJ394-0035

TIME *	RESULT (ppm)		
	NITROGEN DIOXIDE		
	บริเวณพื้นที่โครงการ GPSC		
	APRIL 23-24, 2025 T25AJ394-0029	APRIL 24-25, 2025 T25AJ394-0030	APRIL 25-26, 2025 T25AJ394-0031
07:00-08:00 HOUR	0.0217	0.0254	0.0252
08:00-09:00 HOUR	0.0213	0.0230	0.0224
09:00-10:00 HOUR	0.0196	0.0209	0.0192
10:00-11:00 HOUR	0.0183	0.0185	0.0164
11:00-12:00 HOUR	0.0182	0.0179	0.0163
12:00-13:00 HOUR	0.0178	0.0171	0.0168
13:00-14:00 HOUR	0.0199	0.0195	0.0190
14:00-15:00 HOUR	0.0204	0.0219	0.0201
15:00-16:00 HOUR	0.0228	0.0244	0.0214
16:00-17:00 HOUR	0.0225	0.0255	0.0214
17:00-18:00 HOUR	0.0232	0.0248	0.0209
18:00-19:00 HOUR	0.0233	0.0242	0.0208
19:00-20:00 HOUR	0.0243	0.0235	0.0228
20:00-21:00 HOUR	0.0248	0.0230	0.0240
21:00-22:00 HOUR	0.0236	0.0230	0.0253
22:00-23:00 HOUR	0.0214	0.0221	0.0234
23:00-00:00 HOUR	0.0193	0.0222	0.0225
00:00-01:00 HOUR	0.0195	0.0211	0.0207
01:00-02:00 HOUR	0.0210	0.0222	0.0206
02:00-03:00 HOUR	0.0217	0.0224	0.0201
03:00-04:00 HOUR	0.0208	0.0231	0.0214
04:00-05:00 HOUR	0.0208	0.0229	0.0226
05:00-06:00 HOUR	0.0229	0.0241	0.0238
06:00-07:00 HOUR	0.0255	0.0254	0.0239



TIME *	RESULT (ppm)			
	NITROGEN DIOXIDE			
	บริเวณพื้นที่โครงการ GPSC			
	APRIL 26-27, 2025 T25AJ394-0032	APRIL 27-28, 2025 T25AJ394-0033	APRIL 28-29, 2025 T25AJ394-0034	APRIL 29-30, 2025 T25AJ394-0035
07:00-08:00 HOUR	0.0235	0.0237	0.0227	0.0227
08:00-09:00 HOUR	0.0219	0.0208	0.0219	0.0199
09:00-10:00 HOUR	0.0185	0.0178	0.0176	0.0167
10:00-11:00 HOUR	0.0159	0.0164	0.0177	0.0160
11:00-12:00 HOUR	0.0165	0.0165	0.0173	0.0180
12:00-13:00 HOUR	0.0166	0.0163	0.0180	0.0183
13:00-14:00 HOUR	0.0178	0.0187	0.0183	0.0223
14:00-15:00 HOUR	0.0175	0.0182	0.0185	0.0231
15:00-16:00 HOUR	0.0202	0.0204	0.0209	0.0256
16:00-17:00 HOUR	0.0224	0.0199	0.0225	0.0257
17:00-18:00 HOUR	0.0238	0.0213	0.0227	0.0257
18:00-19:00 HOUR	0.0243	0.0218	0.0227	0.0249
19:00-20:00 HOUR	0.0234	0.0222	0.0228	0.0243
20:00-21:00 HOUR	0.0231	0.0224	0.0243	0.0240
21:00-22:00 HOUR	0.0226	0.0206	0.0242	0.0245
22:00-23:00 HOUR	0.0226	0.0190	0.0223	0.0244
23:00-00:00 HOUR	0.0218	0.0180	0.0221	0.0246
00:00-01:00 HOUR	0.0210	0.0187	0.0213	0.0239
01:00-02:00 HOUR	0.0195	0.0198	0.0222	0.0228
02:00-03:00 HOUR	0.0211	0.0206	0.0209	0.0225
03:00-04:00 HOUR	0.0231	0.0202	0.0202	0.0215
04:00-05:00 HOUR	0.0241	0.0221	0.0205	0.0216
05:00-06:00 HOUR	0.0246	0.0228	0.0215	0.0206
06:00-07:00 HOUR	0.0244	0.0255	0.0246	0.0209

Sila Banjongjairuk

(MR SILA BANJONGJAIKUK)
LABORATORY SUPERVISOR

ANALYSIS REPORT

CUSTOMER NAME	: GLOBAL POWER SYNERGY PUBLIC COMPANY LIMITED	RECEIVED DATE	: APRIL 23-30, 2025
ADDRESS	: 42/3 MOO 1, SUKHUMVIT ROAD KM. 124 THUNG SUKHLA SI RACHA CHON BURI 20230	ANALYTICAL DATE	: APRIL 23-30, 2025
CONTACT INFORMATION	: TEL : 08 5314 3115 e-mail : kingkarn.kh@gpscgroup.com	ISSUE DATE	: MAY 9, 2025
MEASURING PLACE	: บริเวณพื้นที่โครงการ GPSC	REPORT NO.	: 2025-U039787
MEASURING TYPE	: AMBIENT (AIR)	WORK NO.	: 2025-000394
MEASURING DATE	: APRIL 23-30, 2025	ANALYSIS NO.	: T25AJ394-0029 - T25AJ394-0035
MEASURING TIME	: *		
MEASURING METHOD	: WIND SPEED & WIND DIRECTION EQUIPMENT		
MEASURED BY	: MR SIRAPAT JONGPHADUNGKIET		

TIME *	RESULT (m/s)					
	บริเวณพื้นที่โครงการ GPSC					
	APRIL 23-24, 2025 T25AJ394-0029		APRIL 24-25, 2025 T25AJ394-0030		APRIL 25-26, 2025 T25AJ394-0031	
	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION
07:00-08:00 HOUR	3.0	S	2.0	WSW	2.0	S
08:00-09:00 HOUR	2.7	SE	2.0	W	2.4	SSW
09:00-10:00 HOUR	3.3	SSE	1.9	WSW	3.0	SSW
10:00-11:00 HOUR	2.3	SE	3.3	WSW	3.0	S
11:00-12:00 HOUR	1.0	SSE	3.3	W	3.3	S
12:00-13:00 HOUR	1.1	SE	3.0	W	2.1	S
13:00-14:00 HOUR	0.9	SSW	3.0	W	0.6	SW
14:00-15:00 HOUR	1.1	S	2.7	WNW	0.9	SSW
15:00-16:00 HOUR	1.0	S	3.3	WSW	1.0	W
16:00-17:00 HOUR	1.5	SSW	2.1	SW	0.9	SSW
17:00-18:00 HOUR	2.0	S	3.3	S	1.0	SSW
18:00-19:00 HOUR	2.2	SSE	3.0	SW	0.9	S
19:00-20:00 HOUR	2.2	S	2.4	S	1.1	S
20:00-21:00 HOUR	2.5	SSE	3.3	S	2.2	S
21:00-22:00 HOUR	2.7	SSE	3.0	SSW	2.0	S
22:00-23:00 HOUR	3.3	SSE	3.3	S	1.4	SSE
23:00-00:00 HOUR	2.9	S	2.2	SW	2.0	SSE
00:00-01:00 HOUR	3.0	SW	3.0	SSW	2.0	S
01:00-02:00 HOUR	3.0	SSW	3.3	WSW	1.8	SSE
02:00-03:00 HOUR	2.4	SW	2.1	S	1.2	S
03:00-04:00 HOUR	2.7	WSW	1.8	S	2.0	SSW
04:00-05:00 HOUR	3.0	SW	1.8	SE	1.8	S
05:00-06:00 HOUR	2.6	SW	1.9	SSE	2.0	S
06:00-07:00 HOUR	2.2	W	1.8	S	1.8	S



TIME *	RESULT (m/s)							
	บริเวณพื้นที่โครงการ GPSC							
	APRIL 26-27, 2025		APRIL 27-28, 2025		APRIL 28-29, 2025		APRIL 29-30, 2025	
	T25AJ394-0032		T25AJ394-0033		T25AJ394-0034		T25AJ394-0035	
	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION
07:00-08:00 HOUR	2.0	SSE	1.4	SSW	2.7	S	2.0	WSW
08:00-09:00 HOUR	2.4	SSE	1.7	WSW	3.2	SSE	1.7	SW
09:00-10:00 HOUR	3.0	SSE	2.6	W	3.0	S	0.9	SW
10:00-11:00 HOUR	3.3	S	3.0	WSW	1.8	SE	0.9	SW
11:00-12:00 HOUR	2.7	SSW	3.3	SSW	1.7	SSE	1.0	WSW
12:00-13:00 HOUR	3.0	S	2.2	SSW	1.1	SSE	0.9	WSW
13:00-14:00 HOUR	2.7	SSE	2.7	WSW	1.1	S	1.0	SSW
14:00-15:00 HOUR	2.7	S	1.6	SW	1.0	SW	1.8	SSE
15:00-16:00 HOUR	3.0	S	1.0	SSW	0.5	SW	3.3	S
16:00-17:00 HOUR	0.8	SSW	1.1	SW	3.1	WSW	2.1	SSE
17:00-18:00 HOUR	1.1	SW	0.9	SSW	3.6	SW	2.0	S
18:00-19:00 HOUR	1.0	S	0.7	SSW	3.3	SSW	3.4	SSE
19:00-20:00 HOUR	1.6	SSW	0.9	SW	3.1	S	2.0	S
20:00-21:00 HOUR	2.2	S	1.1	SSW	3.0	S	1.8	SSE
21:00-22:00 HOUR	2.0	SSW	0.9	WSW	3.4	SW	2.0	S
22:00-23:00 HOUR	1.8	SSW	1.2	SSW	3.1	SW	2.7	SSE
23:00-00:00 HOUR	2.2	SSW	2.0	SW	3.0	SSW	2.7	SSE
00:00-01:00 HOUR	1.8	SW	2.2	SW	2.7	W	3.0	SSE
01:00-02:00 HOUR	2.6	SW	1.8	SW	2.5	WSW	2.7	SSE
02:00-03:00 HOUR	3.3	SW	2.2	S	2.7	W	3.4	S
03:00-04:00 HOUR	2.7	WSW	3.0	SSW	3.3	SW	3.0	SSE
04:00-05:00 HOUR	3.0	SSW	3.3	S	2.7	SW	2.7	SSW
05:00-06:00 HOUR	2.4	S	2.2	SSW	2.4	SW	2.4	SSW
06:00-07:00 HOUR	2.6	S	3.0	SSW	1.8	SSW	2.3	S

Sila

(MR SILA BANJONGJAIKUK)
LABORATORY SUPERVISOR

ภาคผนวก ก-2

ผลการติดตามตรวจสอบระดับเสียงโดยทั่วไป

ANALYSIS REPORT

CUSTOMER NAME	: GLOBAL POWER SYNERGY PUBLIC COMPANY LIMITED	RECEIVED DATE	: APRIL 23-30, 2025
ADDRESS	: 42/3 MOO 1, SUKHUMVIT ROAD KM. 124 THUNG SUKHLA SI RACHA CHON BURI 20230	ANALYTICAL DATE	: APRIL 23-30, 2025
CONTACT INFORMATION	: TEL : 08 5314 3115 e-mail : kingkarn.kh@gpscgroup.com	ISSUE DATE	: MAY 9, 2025
MEASURING SOURCE	: บ้านทุ่งเทครัว	REPORT NO.	: 2025-U039788
MEASURING TYPE	: AMBIENT (NOISE)	WORK NO.	: 2025-000394
MEASURING DATE	: APRIL 23-30, 2025	ANALYSIS NO.	: T25AJ395-0001 - T25AJ395-0007
MEASURING TIME	: *		
MEASURING METHOD	: INTEGRATED SOUND LEVEL METER **		
MEASURED BY	: MR SIRAPAT JONGPHADUNGKIET		

TIME*	RESULT dB(A)		
	บ้านทุ่งเทครัว		
	APRIL 23-24, 2025		
	T25AJ395-0001		
	L _{Aeq} 1 hour	L _{Amax} 1 hour	L _{A90} 1 hour
07:00-08:00 HOUR	53.4	72.0	52.0
08:00-09:00 HOUR	53.3	67.9	52.1
09:00-10:00 HOUR	54.0	72.1	52.0
10:00-11:00 HOUR	55.0	74.0	52.8
11:00-12:00 HOUR	53.2	67.6	51.9
12:00-13:00 HOUR	54.8	72.0	52.3
13:00-14:00 HOUR	55.7	74.4	52.8
14:00-15:00 HOUR	55.3	70.4	52.5
15:00-16:00 HOUR	56.3	72.6	54.8
16:00-17:00 HOUR	55.9	64.3	52.8
17:00-18:00 HOUR	56.6	68.6	52.3
18:00-19:00 HOUR	56.7	72.4	52.3
19:00-20:00 HOUR	55.5	63.7	50.8
20:00-21:00 HOUR	56.4	69.3	51.4
21:00-22:00 HOUR	56.0	73.3	50.5
22:00-23:00 HOUR	55.0	71.6	50.4
23:00-00:00 HOUR	54.8	69.9	50.8
00:00-01:00 HOUR	55.0	73.5	49.8
01:00-02:00 HOUR	53.3	60.1	49.0
02:00-03:00 HOUR	49.8	60.4	48.4
03:00-04:00 HOUR	50.0	56.8	48.2
04:00-05:00 HOUR	49.0	56.5	47.7
05:00-06:00 HOUR	50.0	63.2	47.8
06:00-07:00 HOUR	49.7	61.5	48.2
L _{Aeq} 24 hours		54.5	
L _{Adn}		59.5	



TIME*	RESULT dB(A)		
	บ้านทุ่งเทครัว		
	APRIL 24-25, 2025		
	T25AJ395-0002		
	L _{Aeq} 1 hour	L _{Amax} 1 hour	L _{A90} 1 hour
07:00-08:00 HOUR	49.5	58.1	48.2
08:00-09:00 HOUR	50.0	66.1	48.1
09:00-10:00 HOUR	49.4	57.9	48.1
10:00-11:00 HOUR	53.0	71.9	48.3
11:00-12:00 HOUR	49.4	69.5	47.7
12:00-13:00 HOUR	49.0	60.3	47.5
13:00-14:00 HOUR	48.4	56.1	47.2
14:00-15:00 HOUR	55.3	74.9	47.6
15:00-16:00 HOUR	49.0	57.3	47.6
16:00-17:00 HOUR	53.0	74.6	48.0
17:00-18:00 HOUR	57.7	75.7	48.1
18:00-19:00 HOUR	61.2	75.9	48.9
19:00-20:00 HOUR	54.9	75.3	48.6
20:00-21:00 HOUR	54.7	72.9	49.0
21:00-22:00 HOUR	54.2	71.6	50.1
22:00-23:00 HOUR	54.8	71.6	50.9
23:00-00:00 HOUR	54.0	66.0	50.7
00:00-01:00 HOUR	53.4	63.5	49.5
01:00-02:00 HOUR	53.4	64.2	52.0
02:00-03:00 HOUR	54.4	75.2	52.2
03:00-04:00 HOUR	54.3	70.0	52.1
04:00-05:00 HOUR	53.4	63.6	52.1
05:00-06:00 HOUR	54.3	68.9	52.8
06:00-07:00 HOUR	55.1	71.7	52.4
L _{Aeq} 24 hours		54.3	
L _{Adn}		60.6	

TIME*	RESULT dB(A)		
	บ้านทุ่งเทครัว		
	APRIL 25-26, 2025		
	T25AJ395-0003		
	L _{Aeq} 1 hour	L _{Amax} 1 hour	L _{A90} 1 hour
07:00-08:00 HOUR	54.2	68.3	52.3
08:00-09:00 HOUR	52.9	64.3	51.7
09:00-10:00 HOUR	54.0	69.4	52.0
10:00-11:00 HOUR	54.4	64.5	53.1
11:00-12:00 HOUR	54.1	66.5	52.7
12:00-13:00 HOUR	54.4	68.2	53.0
13:00-14:00 HOUR	58.2	72.3	52.3
14:00-15:00 HOUR	55.2	68.6	51.1
15:00-16:00 HOUR	55.5	65.5	51.0
16:00-17:00 HOUR	55.7	65.0	50.6
17:00-18:00 HOUR	55.8	68.8	50.2
18:00-19:00 HOUR	55.1	68.9	49.9
19:00-20:00 HOUR	55.7	72.1	49.3
20:00-21:00 HOUR	56.6	73.9	51.2
21:00-22:00 HOUR	55.2	70.0	50.9
22:00-23:00 HOUR	55.4	71.4	50.8
23:00-00:00 HOUR	55.3	74.2	50.0
00:00-01:00 HOUR	52.6	61.9	49.7
01:00-02:00 HOUR	50.9	62.5	49.5
02:00-03:00 HOUR	50.7	62.5	48.6
03:00-04:00 HOUR	50.8	71.9	48.8
04:00-05:00 HOUR	49.7	61.0	48.5
05:00-06:00 HOUR	55.6	74.6	52.2
06:00-07:00 HOUR	54.0	71.9	52.1
L _{Aeq} 24 hours		54.7	
L _{Adn}		60.1	

TIME*	RESULT dB(A)		
	บ้านทุ่งเทครัว		
	APRIL 26-27, 2025		
	T25AJ395-0004		
	L _{Aeq} 1 hour	L _{Amax} 1 hour	L _{A90} 1 hour
07:00-08:00 HOUR	54.1	69.7	52.2
08:00-09:00 HOUR	53.6	63.3	52.1
09:00-10:00 HOUR	58.7	75.2	52.7
10:00-11:00 HOUR	56.9	74.0	52.6
11:00-12:00 HOUR	56.3	73.6	52.6
12:00-13:00 HOUR	55.6	70.1	52.0
13:00-14:00 HOUR	55.2	68.5	50.6
14:00-15:00 HOUR	55.9	75.0	52.0
15:00-16:00 HOUR	55.2	67.4	50.5
16:00-17:00 HOUR	56.3	70.8	50.4
17:00-18:00 HOUR	56.7	69.8	51.4
18:00-19:00 HOUR	56.0	73.2	51.0
19:00-20:00 HOUR	57.4	75.4	51.1
20:00-21:00 HOUR	57.5	74.5	53.5
21:00-22:00 HOUR	55.0	74.0	50.3
22:00-23:00 HOUR	54.9	74.2	50.1
23:00-00:00 HOUR	54.3	69.7	49.6
00:00-01:00 HOUR	53.6	67.2	49.0
01:00-02:00 HOUR	52.0	70.0	49.4
02:00-03:00 HOUR	50.5	68.4	49.1
03:00-04:00 HOUR	51.1	63.8	49.4
04:00-05:00 HOUR	51.6	61.6	49.7
05:00-06:00 HOUR	51.1	65.2	48.5
06:00-07:00 HOUR	49.4	59.7	47.6
L _{Aeq} 24 hours		55.1	
L _{Adn}		59.6	

TIME*	RESULT dB(A)		
	บ้านทุ่งเทครัว		
	APRIL 27-28, 2025		
	T25A1395-0005		
	L _{Aeq} 1 hour	L _{Amax} 1 hour	L _{A90} 1 hour
07:00-08:00 HOUR	48.7	59.9	47.0
08:00-09:00 HOUR	49.0	60.9	47.1
09:00-10:00 HOUR	49.3	61.6	47.0
10:00-11:00 HOUR	48.8	66.9	46.9
11:00-12:00 HOUR	48.3	60.9	46.6
12:00-13:00 HOUR	49.4	60.0	47.6
13:00-14:00 HOUR	49.1	60.2	47.2
14:00-15:00 HOUR	48.7	63.0	46.8
15:00-16:00 HOUR	50.0	71.7	47.3
16:00-17:00 HOUR	54.7	71.4	47.8
17:00-18:00 HOUR	54.1	70.8	48.5
18:00-19:00 HOUR	57.4	64.0	49.1
19:00-20:00 HOUR	53.3	66.4	48.5
20:00-21:00 HOUR	54.7	72.3	49.5
21:00-22:00 HOUR	54.1	70.9	49.9
22:00-23:00 HOUR	54.0	69.1	49.4
23:00-00:00 HOUR	53.8	69.8	49.9
00:00-01:00 HOUR	53.0	64.5	51.5
01:00-02:00 HOUR	53.2	68.4	51.2
02:00-03:00 HOUR	54.0	72.7	51.8
03:00-04:00 HOUR	54.4	69.0	51.0
04:00-05:00 HOUR	54.0	67.6	49.7
05:00-06:00 HOUR	53.3	66.9	50.6
06:00-07:00 HOUR	53.5	67.2	51.1
L _{Aeq} 24 hours		52.9	
L _{Adn}		60.0	

TIME*	RESULT dB(A)		
	บ้านทุ่งเทครัว		
	APRIL 28-29, 2025		
	T25AJ395-0006		
	L _{Aeq} 1 hour	L _{Amax} 1 hour	L _{A90} 1 hour
07:00-08:00 HOUR	53.2	74.6	51.3
08:00-09:00 HOUR	54.9	67.3	51.2
09:00-10:00 HOUR	53.5	69.4	51.3
10:00-11:00 HOUR	53.9	71.6	51.7
11:00-12:00 HOUR	53.3	66.4	51.5
12:00-13:00 HOUR	53.9	69.9	51.2
13:00-14:00 HOUR	53.5	63.3	50.4
14:00-15:00 HOUR	53.6	65.6	50.8
15:00-16:00 HOUR	53.9	66.6	52.2
16:00-17:00 HOUR	55.5	70.6	51.2
17:00-18:00 HOUR	56.6	70.3	52.5
18:00-19:00 HOUR	55.5	68.4	51.0
19:00-20:00 HOUR	55.5	74.5	50.0
20:00-21:00 HOUR	58.2	73.4	52.1
21:00-22:00 HOUR	55.6	73.6	50.9
22:00-23:00 HOUR	55.1	70.9	50.7
23:00-00:00 HOUR	55.0	72.6	50.2
00:00-01:00 HOUR	53.4	66.6	49.3
01:00-02:00 HOUR	51.7	63.7	49.0
02:00-03:00 HOUR	49.6	60.4	48.1
03:00-04:00 HOUR	50.5	63.0	48.4
04:00-05:00 HOUR	50.3	58.7	48.4
05:00-06:00 HOUR	53.8	60.1	47.8
06:00-07:00 HOUR	49.5	60.8	47.6
L _{Aeq} 24 hours	54.2		
L _{Adn}	59.5		

TIME*	RESULT dB(A)		
	บ้านทุ่งเทครัว		
	APRIL 29-30, 2025		
	T25AJ395-0007		
	L _{Aeq} 1 hour	L _{Amax} 1 hour	L _{A90} 1 hour
07:00-08:00 HOUR	49.0	65.4	47.7
08:00-09:00 HOUR	50.2	60.6	48.3
09:00-10:00 HOUR	54.9	67.6	48.2
10:00-11:00 HOUR	48.6	56.2	47.3
11:00-12:00 HOUR	52.4	61.5	47.4
12:00-13:00 HOUR	48.1	64.8	46.8
13:00-14:00 HOUR	52.4	72.0	46.8
14:00-15:00 HOUR	48.3	58.1	47.0
15:00-16:00 HOUR	49.2	61.0	47.5
16:00-17:00 HOUR	49.4	60.8	48.1
17:00-18:00 HOUR	55.0	74.1	48.3
18:00-19:00 HOUR	59.4	75.1	49.8
19:00-20:00 HOUR	53.2	68.8	49.7
20:00-21:00 HOUR	52.8	70.4	49.7
21:00-22:00 HOUR	54.3	76.1	50.2
22:00-23:00 HOUR	55.7	75.4	52.5
23:00-00:00 HOUR	54.3	71.0	52.1
00:00-01:00 HOUR	53.9	70.5	50.6
01:00-02:00 HOUR	53.8	69.5	50.7
02:00-03:00 HOUR	53.8	67.3	51.9
03:00-04:00 HOUR	54.7	74.1	52.0
04:00-05:00 HOUR	53.4	70.4	51.8
05:00-06:00 HOUR	54.7	72.2	52.1
06:00-07:00 HOUR	53.9	70.2	51.7
L _{Aeq} 24 hours		53.6	
L _{Adn}		60.6	

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

Sila Banjongjairuk

(MR SILA BANJONGJAIKUK)
LABORATORY SUPERVISOR

ANALYSIS REPORT

CUSTOMER NAME	: GLOBAL POWER SYNERGY PUBLIC COMPANY LIMITED	RECEIVED DATE	: APRIL 23-30, 2025
ADDRESS	: 42/3 MOO 1, SUKHUMVIT ROAD KM. 124 THUNG SUKHLA SI RACHA CHON BURI 20230	ANALYTICAL DATE	: APRIL 23-30, 2025
CONTACT INFORMATION	: TEL : 08 5314 3115 e-mail : kingkam.kh@gpscgroup.com	ISSUE DATE	: MAY 9, 2025
MEASURING SOURCE	: ร่มรั้วโครงการ GPSC	REPORT NO.	: 2025-U039789
MEASURING TYPE	: AMBIENT (NOISE)	WORK NO.	: 2025-000394
MEASURING DATE	: APRIL 23-30, 2025	ANALYSIS NO.	: T25AJ395-0008 - T25AJ395-0014
MEASURING TIME	: *		
MEASURING METHOD	: INTEGRATED SOUND LEVEL METER **		
MEASURED BY	: MR SIRAPAT JONGPHADUNGKIET		

TIME*	RESULT dB(A)		
	ร่มรั้วโครงการ GPSC		
	APRIL 23-24, 2025		
	T25AJ395-0008		
	L _{Aeq} 1 hour	L _{Amax} 1 hour	L _{A90} 1 hour
07:00-08:00 HOUR	58.2	70.1	57.4
08:00-09:00 HOUR	58.8	74.2	57.7
09:00-10:00 HOUR	58.2	66.3	57.3
10:00-11:00 HOUR	58.8	74.1	57.6
11:00-12:00 HOUR	58.2	69.0	57.2
12:00-13:00 HOUR	58.4	72.5	57.4
13:00-14:00 HOUR	59.5	72.2	58.5
14:00-15:00 HOUR	60.6	67.4	59.5
15:00-16:00 HOUR	59.0	65.6	58.1
16:00-17:00 HOUR	58.7	65.8	57.9
17:00-18:00 HOUR	58.5	69.6	57.6
18:00-19:00 HOUR	58.4	64.7	57.7
19:00-20:00 HOUR	58.6	63.6	57.6
20:00-21:00 HOUR	59.1	66.3	58.3
21:00-22:00 HOUR	60.4	70.1	58.6
22:00-23:00 HOUR	63.3	81.0	58.9
23:00-00:00 HOUR	60.8	75.4	57.8
00:00-01:00 HOUR	58.1	80.5	57.4
01:00-02:00 HOUR	57.9	61.7	57.3
02:00-03:00 HOUR	58.3	79.4	57.4
03:00-04:00 HOUR	58.3	76.1	57.4
04:00-05:00 HOUR	57.9	61.4	57.3
05:00-06:00 HOUR	57.9	68.3	57.3
06:00-07:00 HOUR	58.2	74.1	57.4
L _{Aeq} 24 hours		59.1	
L _{Adn}		65.8	



TIME*	RESULT dB(A)		
	รื้อถอนโครงการ GPSC		
	APRIL 24-25, 2025		
	T25AJ395-0009		
	L _{Aeq} 1 hour	L _{Amax} 1 hour	L _{A90} 1 hour
07:00-08:00 HOUR	58.0	60.7	57.5
08:00-09:00 HOUR	58.2	60.9	57.7
09:00-10:00 HOUR	58.4	76.6	57.8
10:00-11:00 HOUR	58.6	80.0	58.0
11:00-12:00 HOUR	58.4	72.6	58.0
12:00-13:00 HOUR	58.3	59.9	57.9
13:00-14:00 HOUR	58.8	81.5	57.9
14:00-15:00 HOUR	58.3	62.0	57.9
15:00-16:00 HOUR	58.3	60.5	57.9
16:00-17:00 HOUR	59.2	64.0	57.8
17:00-18:00 HOUR	58.1	63.5	57.6
18:00-19:00 HOUR	58.4	73.2	57.6
19:00-20:00 HOUR	58.3	69.9	57.8
20:00-21:00 HOUR	58.8	78.9	58.0
21:00-22:00 HOUR	58.6	66.2	57.7
22:00-23:00 HOUR	58.5	69.9	57.7
23:00-00:00 HOUR	58.5	76.1	57.5
00:00-01:00 HOUR	58.3	72.6	57.4
01:00-02:00 HOUR	58.0	73.0	57.3
02:00-03:00 HOUR	58.2	65.3	57.5
03:00-04:00 HOUR	59.1	70.1	58.3
04:00-05:00 HOUR	59.1	68.5	58.3
05:00-06:00 HOUR	59.0	64.7	58.2
06:00-07:00 HOUR	59.4	65.5	58.6
L _{Aeq} 24 hours	58.6		
L _{Adn}	65.1		

TIME*	RESULT dB(A)		
	กรมโครงการ GPSC		
	APRIL 25-26, 2025		
	T25AJ395-0010		
	L _{Aeq} 1 hour	L _{Amax} 1 hour	L _{A90} 1 hour
07:00-08:00 HOUR	59.9	72.6	58.8
08:00-09:00 HOUR	59.6	63.5	58.8
09:00-10:00 HOUR	59.7	63.7	58.9
10:00-11:00 HOUR	59.5	63.4	58.7
11:00-12:00 HOUR	59.5	65.1	58.6
12:00-13:00 HOUR	59.7	64.7	58.9
13:00-14:00 HOUR	60.3	71.2	59.1
14:00-15:00 HOUR	59.3	72.6	58.4
15:00-16:00 HOUR	58.9	65.1	58.2
16:00-17:00 HOUR	59.0	66.5	58.3
17:00-18:00 HOUR	58.9	67.2	58.1
18:00-19:00 HOUR	59.1	63.7	58.3
19:00-20:00 HOUR	59.0	65.5	58.3
20:00-21:00 HOUR	59.1	65.3	58.3
21:00-22:00 HOUR	59.8	82.3	58.4
22:00-23:00 HOUR	59.0	75.7	58.3
23:00-00:00 HOUR	58.3	62.2	57.7
00:00-01:00 HOUR	58.3	63.8	57.7
01:00-02:00 HOUR	58.4	64.4	57.7
02:00-03:00 HOUR	58.9	80.6	57.6
03:00-04:00 HOUR	58.3	65.8	57.7
04:00-05:00 HOUR	58.3	60.1	57.8
05:00-06:00 HOUR	58.7	75.0	57.9
06:00-07:00 HOUR	58.4	68.5	57.9
L _{Aeq} 24 hours		59.1	
L _{Adn}		65.1	

TIME*	RESULT dB(A)		
	จิมรี่โครงการ GPSC		
	APRIL 26-27, 2025		
	T25AJ395-0011		
	L _{Aeq} 1 hour	L _{Amax} 1 hour	L _{A90} 1 hour
07:00-08:00 HOUR	58.7	76.3	57.8
08:00-09:00 HOUR	58.3	61.8	57.8
09:00-10:00 HOUR	58.3	73.8	57.6
10:00-11:00 HOUR	58.2	63.6	57.6
11:00-12:00 HOUR	58.3	60.3	57.8
12:00-13:00 HOUR	58.3	62.2	57.8
13:00-14:00 HOUR	58.3	63.9	57.8
14:00-15:00 HOUR	58.3	61.1	57.8
15:00-16:00 HOUR	58.4	61.2	58.0
16:00-17:00 HOUR	58.4	60.1	58.0
17:00-18:00 HOUR	58.3	61.2	57.9
18:00-19:00 HOUR	58.3	60.0	57.9
19:00-20:00 HOUR	58.7	65.4	58.0
20:00-21:00 HOUR	58.9	67.5	58.3
21:00-22:00 HOUR	58.7	66.4	58.1
22:00-23:00 HOUR	58.7	66.5	58.1
23:00-00:00 HOUR	58.5	64.9	57.9
00:00-01:00 HOUR	58.5	68.9	57.8
01:00-02:00 HOUR	64.8	76.7	57.8
02:00-03:00 HOUR	59.1	72.8	58.0
03:00-04:00 HOUR	59.4	69.1	58.5
04:00-05:00 HOUR	59.7	77.2	58.9
05:00-06:00 HOUR	59.5	73.8	58.3
06:00-07:00 HOUR	60.6	74.4	59.1
L _{Aeq} 24 hours	59.3		
L _{Adn}	66.6		

TIME*	RESULT dB(A)		
	กรมโครงการ GPSC		
	APRIL 27-28, 2025		
	T25AJ395-0012		
	L _{Aeq} 1 hour	L _{Amax} 1 hour	L _{A90} 1 hour
07:00-08:00 HOUR	59.3	66.8	58.4
08:00-09:00 HOUR	59.1	69.9	58.3
09:00-10:00 HOUR	58.9	66.6	57.8
10:00-11:00 HOUR	59.0	67.2	58.1
11:00-12:00 HOUR	59.0	68.8	58.1
12:00-13:00 HOUR	59.0	67.1	58.0
13:00-14:00 HOUR	59.1	69.3	58.1
14:00-15:00 HOUR	58.9	66.6	58.0
15:00-16:00 HOUR	59.1	68.4	58.2
16:00-17:00 HOUR	59.0	72.0	58.1
17:00-18:00 HOUR	58.9	64.8	58.1
18:00-19:00 HOUR	59.6	69.4	58.5
19:00-20:00 HOUR	59.9	66.7	58.4
20:00-21:00 HOUR	58.8	62.7	58.2
21:00-22:00 HOUR	58.9	65.0	58.2
22:00-23:00 HOUR	58.9	67.4	58.3
23:00-00:00 HOUR	59.4	86.0	58.4
00:00-01:00 HOUR	58.8	75.4	58.2
01:00-02:00 HOUR	58.8	68.6	58.2
02:00-03:00 HOUR	58.9	69.3	58.4
03:00-04:00 HOUR	58.9	63.1	58.3
04:00-05:00 HOUR	59.5	78.4	58.7
05:00-06:00 HOUR	59.4	71.5	58.8
06:00-07:00 HOUR	59.5	75.3	58.6
L _{Aeq} 24 hours	59.1		
L _{Adn}	65.5		

TIME*	RESULT dB(A)		
	กรมโครงการ GPSC		
	APRIL 28-29, 2025		
	T25AJ395-0013		
	L _{Aeq} 1 hour	L _{Amax} 1 hour	L _{A90} 1 hour
07:00-08:00 HOUR	59.3	77.1	58.2
08:00-09:00 HOUR	58.8	62.5	58.3
09:00-10:00 HOUR	59.8	76.8	58.7
10:00-11:00 HOUR	59.2	67.3	58.7
11:00-12:00 HOUR	59.2	70.8	58.7
12:00-13:00 HOUR	59.4	75.5	58.8
13:00-14:00 HOUR	59.3	62.4	58.7
14:00-15:00 HOUR	60.0	74.2	58.4
15:00-16:00 HOUR	58.6	60.3	58.2
16:00-17:00 HOUR	58.6	60.7	58.2
17:00-18:00 HOUR	58.7	60.7	58.2
18:00-19:00 HOUR	58.6	65.0	58.2
19:00-20:00 HOUR	58.7	60.7	58.3
20:00-21:00 HOUR	59.1	69.2	58.4
21:00-22:00 HOUR	59.0	68.4	58.4
22:00-23:00 HOUR	58.9	69.7	58.1
23:00-00:00 HOUR	58.5	64.7	57.9
00:00-01:00 HOUR	58.3	64.1	57.7
01:00-02:00 HOUR	58.1	61.9	57.5
02:00-03:00 HOUR	58.1	67.6	57.4
03:00-04:00 HOUR	59.3	66.8	57.5
04:00-05:00 HOUR	63.0	68.2	57.8
05:00-06:00 HOUR	66.6	95.6	57.8
06:00-07:00 HOUR	58.5	70.8	57.4
L _{Aeq} 24 hours	60.0		
L _{Adn}	67.3		

TIME*	RESULT dB(A)		
	กรมโครงการ GPSC		
	APRIL 29-30, 2025		
	T25AJ395-0014		
	L _{Aeq} 1 hour	L _{Amax} 1 hour	L _{A90} 1 hour
07:00-08:00 HOUR	58.1	64.7	57.4
08:00-09:00 HOUR	58.4	66.7	57.6
09:00-10:00 HOUR	58.9	71.2	58.1
10:00-11:00 HOUR	58.9	64.5	58.1
11:00-12:00 HOUR	59.9	82.4	58.0
12:00-13:00 HOUR	59.1	67.5	58.2
13:00-14:00 HOUR	59.3	65.9	58.6
14:00-15:00 HOUR	60.5	75.9	59.4
15:00-16:00 HOUR	59.8	74.4	59.2
16:00-17:00 HOUR	59.7	65.7	59.1
17:00-18:00 HOUR	59.6	68.4	59.0
18:00-19:00 HOUR	59.6	68.3	58.9
19:00-20:00 HOUR	59.3	64.2	58.7
20:00-21:00 HOUR	59.0	66.3	58.4
21:00-22:00 HOUR	58.8	69.0	58.1
22:00-23:00 HOUR	58.8	72.0	58.1
23:00-00:00 HOUR	58.6	70.0	58.1
00:00-01:00 HOUR	58.6	70.5	58.1
01:00-02:00 HOUR	59.3	82.6	58.1
02:00-03:00 HOUR	58.9	71.6	58.2
03:00-04:00 HOUR	58.7	65.3	58.2
04:00-05:00 HOUR	58.9	75.1	58.1
05:00-06:00 HOUR	58.9	78.0	58.1
06:00-07:00 HOUR	59.0	73.6	58.3
L _{Aeq} 24 hours	59.1		
L _{Adn}	65.3		

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



(MR SILA BANJONGJAIKUK)
LABORATORY SUPERVISOR

ANALYSIS REPORT

CUSTOMER NAME : GLOBAL POWER SYNERGY PUBLIC COMPANY LIMITED
ADDRESS : 42/3 MOO 1, SUKHUMVIT ROAD KM. 124 THUNG SUKHLA SI RACHA CHON BURI 20230
CONTACT INFORMATION : TEL : 08 5314 3115 e-mail : kingkarn.kh@gpscgroup.com
MEASURING SOURCE : บ้านอ่าวอุดม
MEASURING TYPE : AMBIENT (NOISE) **RECEIVED DATE** : APRIL 23-30, 2025
MEASURING DATE : APRIL 23-30, 2025 **ANALYTICAL DATE** : APRIL 23-30, 2025
MEASURING TIME : * **ISSUE DATE** : MAY 9, 2025
MEASURING METHOD : INTEGRATED SOUND LEVEL METER ** **REPORT NO.** : 2025-U039790
MEASURED BY : MR SIRAPAT JONGPHADUNGKIET **WORK NO.** : 2025-000394
ANALYSIS NO. : T25AJ395-0015 - T25AJ395-0021

TIME*	RESULT dB(A)		
	บ้านอ่าวอุดม		
	APRIL 23-24, 2025		
	T25AJ395-0015		
	L _{Aeq} 1 hour	L _{Amax} 1 hour	L _{A90} 1 hour
07:00-08:00 HOUR	53.8	70.4	49.0
08:00-09:00 HOUR	54.2	72.3	48.7
09:00-10:00 HOUR	56.0	79.1	48.8
10:00-11:00 HOUR	59.0	87.7	51.0
11:00-12:00 HOUR	56.9	81.1	51.1
12:00-13:00 HOUR	53.2	69.6	47.7
13:00-14:00 HOUR	53.2	67.8	47.8
14:00-15:00 HOUR	50.0	71.7	46.2
15:00-16:00 HOUR	51.5	65.7	46.6
16:00-17:00 HOUR	57.0	72.4	48.2
17:00-18:00 HOUR	51.4	70.1	46.3
18:00-19:00 HOUR	50.2	74.7	45.6
19:00-20:00 HOUR	48.9	64.3	46.1
20:00-21:00 HOUR	48.9	76.0	44.7
21:00-22:00 HOUR	47.7	78.1	44.5
22:00-23:00 HOUR	48.6	76.3	44.4
23:00-00:00 HOUR	47.0	67.0	44.2
00:00-01:00 HOUR	48.2	72.1	44.9
01:00-02:00 HOUR	50.0	70.2	45.3
02:00-03:00 HOUR	50.1	73.6	45.7
03:00-04:00 HOUR	47.8	56.2	45.4
04:00-05:00 HOUR	51.3	69.1	45.2
05:00-06:00 HOUR	50.1	62.6	45.1
06:00-07:00 HOUR	47.0	58.7	45.0
L _{Aeq} 24 hours	52.8		
L _{Adn}	56.7		



TIME*	RESULT dB(A)		
	บ้านฉางอุตสาหกรรม		
	APRIL 24-25, 2025		
	T25AJ395-0016		
	L _{Aeq} 1 hour	L _{Amax} 1 hour	L _{A90} 1 hour
07:00-08:00 HOUR	48.0	61.4	44.4
08:00-09:00 HOUR	44.8	50.8	43.8
09:00-10:00 HOUR	45.5	62.1	44.2
10:00-11:00 HOUR	53.7	72.6	45.2
11:00-12:00 HOUR	54.6	73.7	44.8
12:00-13:00 HOUR	58.2	74.3	46.9
13:00-14:00 HOUR	50.0	67.1	46.5
14:00-15:00 HOUR	52.4	64.7	47.3
15:00-16:00 HOUR	54.2	78.2	48.0
16:00-17:00 HOUR	53.8	72.4	45.6
17:00-18:00 HOUR	63.7	85.8	46.9
18:00-19:00 HOUR	58.2	75.2	47.7
19:00-20:00 HOUR	59.8	89.9	48.5
20:00-21:00 HOUR	54.9	68.9	50.7
21:00-22:00 HOUR	54.7	71.9	49.4
22:00-23:00 HOUR	58.4	83.0	51.6
23:00-00:00 HOUR	54.2	67.4	50.9
00:00-01:00 HOUR	54.6	77.4	50.1
01:00-02:00 HOUR	54.8	69.3	49.6
02:00-03:00 HOUR	57.9	83.5	50.5
03:00-04:00 HOUR	57.3	73.9	50.5
04:00-05:00 HOUR	56.7	74.9	48.9
05:00-06:00 HOUR	57.5	74.6	49.4
06:00-07:00 HOUR	52.1	70.1	48.8
L _{Aeq} 24 hours		56.4	
L _{Adn}		62.8	

TIME*	RESULT dB(A)		
	รายงานผลการตรวจวัด		
	APRIL 25-26, 2025		
	T25AJ395-0017		
	L _{Aeq} 1 hour	L _{Amax} 1 hour	L _{A90} 1 hour
07:00-08:00 HOUR	50.5	63.6	48.0
08:00-09:00 HOUR	50.7	65.8	48.2
09:00-10:00 HOUR	54.9	79.9	48.3
10:00-11:00 HOUR	53.0	67.7	48.9
11:00-12:00 HOUR	51.7	66.6	49.1
12:00-13:00 HOUR	53.7	69.1	49.5
13:00-14:00 HOUR	51.3	65.3	48.2
14:00-15:00 HOUR	59.6	85.8	48.0
15:00-16:00 HOUR	50.6	63.9	48.2
16:00-17:00 HOUR	50.6	59.2	48.8
17:00-18:00 HOUR	50.6	70.5	48.1
18:00-19:00 HOUR	51.4	77.4	47.7
19:00-20:00 HOUR	58.4	87.2	52.2
20:00-21:00 HOUR	56.8	78.4	51.7
21:00-22:00 HOUR	58.4	75.0	53.2
22:00-23:00 HOUR	58.9	74.1	53.9
23:00-00:00 HOUR	57.2	78.9	53.4
00:00-01:00 HOUR	57.4	72.9	53.1
01:00-02:00 HOUR	56.1	70.2	51.6
02:00-03:00 HOUR	57.2	82.3	49.8
03:00-04:00 HOUR	54.6	72.4	48.7
04:00-05:00 HOUR	52.5	73.0	48.7
05:00-06:00 HOUR	50.5	72.1	47.7
06:00-07:00 HOUR	51.3	71.2	47.2
L _{Aeq} 24 hours		55.2	
L _{Adn}		62.2	

TIME*	RESULT dB(A)		
	บ้านลาวอุดม		
	APRIL 26-27, 2025		
	T25AJ395-0018		
	L _{Aeq} 1 hour	L _{Amax} 1 hour	L _{A90} 1 hour
07:00-08:00 HOUR	52.2	67.8	48.6
08:00-09:00 HOUR	51.1	68.1	48.3
09:00-10:00 HOUR	59.7	79.3	48.3
10:00-11:00 HOUR	50.8	71.2	47.3
11:00-12:00 HOUR	50.7	66.5	47.1
12:00-13:00 HOUR	49.4	66.7	46.6
13:00-14:00 HOUR	48.6	63.7	45.7
14:00-15:00 HOUR	48.9	60.8	45.9
15:00-16:00 HOUR	49.5	70.8	48.0
16:00-17:00 HOUR	52.8	80.9	48.5
17:00-18:00 HOUR	50.4	68.1	47.9
18:00-19:00 HOUR	57.4	88.6	48.2
19:00-20:00 HOUR	49.4	63.6	47.7
20:00-21:00 HOUR	48.6	60.7	47.5
21:00-22:00 HOUR	48.4	55.2	47.3
22:00-23:00 HOUR	48.6	52.7	47.5
23:00-00:00 HOUR	48.6	66.0	47.0
00:00-01:00 HOUR	48.4	58.9	47.3
01:00-02:00 HOUR	50.4	66.3	46.1
02:00-03:00 HOUR	50.7	70.4	45.4
03:00-04:00 HOUR	47.8	62.9	44.8
04:00-05:00 HOUR	48.1	64.7	44.9
05:00-06:00 HOUR	53.4	71.1	44.6
06:00-07:00 HOUR	54.9	73.1	45.0
L _{Aeq} 24 hours		52.2	
L _{Adn}		57.6	

TIME*	RESULT dB(A)		
	บ้านฉางอุดม		
	APRIL 27-28, 2025		
	T25AJ395-0019		
	L _{Aeq} 1 hour	L _{Amax} 1 hour	L _{A90} 1 hour
07:00-08:00 HOUR	56.3	73.4	47.9
08:00-09:00 HOUR	50.2	69.5	46.8
09:00-10:00 HOUR	49.9	65.9	47.2
10:00-11:00 HOUR	51.9	69.3	47.6
11:00-12:00 HOUR	57.5	83.6	48.5
12:00-13:00 HOUR	63.8	88.3	47.8
13:00-14:00 HOUR	62.6	84.9	49.8
14:00-15:00 HOUR	61.8	84.7	51.9
15:00-16:00 HOUR	55.6	73.4	50.3
16:00-17:00 HOUR	54.0	74.9	49.7
17:00-18:00 HOUR	52.6	70.4	49.0
18:00-19:00 HOUR	54.2	72.8	48.8
19:00-20:00 HOUR	54.5	80.8	49.9
20:00-21:00 HOUR	60.6	80.5	49.9
21:00-22:00 HOUR	63.7	71.1	60.7
22:00-23:00 HOUR	63.9	82.6	49.6
23:00-00:00 HOUR	52.0	72.4	48.0
00:00-01:00 HOUR	51.8	67.4	48.5
01:00-02:00 HOUR	51.3	65.5	48.6
02:00-03:00 HOUR	55.7	70.2	47.8
03:00-04:00 HOUR	55.2	73.9	48.6
04:00-05:00 HOUR	54.7	69.9	48.8
05:00-06:00 HOUR	57.9	87.8	49.6
06:00-07:00 HOUR	51.0	61.1	48.4
L _{Aeq} 24 hours	58.4		
L _{Adn}	63.9		

TIME*	RESULT dB(A)		
	รายงานผลตรวจวัด		
	APRIL 28-29, 2025		
	T25AJ395-0020		
	L _{Aeq} 1 hour	L _{Amax} 1 hour	L _{A90} 1 hour
07:00-08:00 HOUR	54.1	85.4	48.6
08:00-09:00 HOUR	51.8	63.8	48.7
09:00-10:00 HOUR	49.9	59.8	47.6
10:00-11:00 HOUR	49.6	58.5	47.1
11:00-12:00 HOUR	49.8	64.0	48.0
12:00-13:00 HOUR	48.1	56.7	46.2
13:00-14:00 HOUR	47.9	61.5	46.2
14:00-15:00 HOUR	57.8	81.5	46.7
15:00-16:00 HOUR	61.3	86.2	45.3
16:00-17:00 HOUR	47.8	63.8	45.8
17:00-18:00 HOUR	48.3	56.9	46.5
18:00-19:00 HOUR	46.5	54.3	45.4
19:00-20:00 HOUR	49.5	63.9	45.9
20:00-21:00 HOUR	49.6	66.5	45.7
21:00-22:00 HOUR	52.3	70.1	44.6
22:00-23:00 HOUR	49.6	70.3	45.3
23:00-00:00 HOUR	48.6	68.8	45.3
00:00-01:00 HOUR	56.3	73.2	45.7
01:00-02:00 HOUR	62.0	82.7	53.8
02:00-03:00 HOUR	60.8	72.6	53.7
03:00-04:00 HOUR	60.8	70.7	54.3
04:00-05:00 HOUR	59.8	75.7	50.0
05:00-06:00 HOUR	57.3	77.5	49.7
06:00-07:00 HOUR	57.5	83.3	47.4
L _{Aeq} 24 hours		56.2	
L _{Adn}		64.6	

TIME*	RESULT dB(A)		
	มาตรฐาน APRIL 29-30, 2025 T25AJ395-0021		
	L _{Aeq} 1 hour	L _{Amax} 1 hour	L _{A90} 1 hour
07:00-08:00 HOUR	58.1	87.1	47.5
08:00-09:00 HOUR	59.0	78.0	51.5
09:00-10:00 HOUR	56.5	79.1	48.6
10:00-11:00 HOUR	58.2	78.2	49.0
11:00-12:00 HOUR	54.8	82.2	49.6
12:00-13:00 HOUR	55.6	75.5	50.4
13:00-14:00 HOUR	56.8	73.2	51.0
14:00-15:00 HOUR	56.4	78.9	50.1
15:00-16:00 HOUR	57.0	73.6	51.7
16:00-17:00 HOUR	57.0	79.1	51.0
17:00-18:00 HOUR	55.2	70.8	50.5
18:00-19:00 HOUR	54.0	74.9	49.5
19:00-20:00 HOUR	54.9	71.6	48.0
20:00-21:00 HOUR	50.7	66.6	46.9
21:00-22:00 HOUR	49.4	64.1	46.5
22:00-23:00 HOUR	53.4	75.5	48.0
23:00-00:00 HOUR	49.9	66.3	47.2
00:00-01:00 HOUR	50.5	65.3	45.5
01:00-02:00 HOUR	52.4	72.2	46.5
02:00-03:00 HOUR	53.3	67.9	48.6
03:00-04:00 HOUR	53.2	67.8	49.0
04:00-05:00 HOUR	52.0	72.6	48.9
05:00-06:00 HOUR	51.4	75.2	48.8
06:00-07:00 HOUR	52.1	71.2	49.1
L _{Aeq} 24 hours		55.1	
L _{Adn}		59.4	

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 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



(MR SILA BANJONGJAIKUK)
LABORATORY SUPERVISOR

ภาคผนวก ก-3

ผลการติดตามตรวจสอบคุณภาพน้ำทิ้งที่ปล่อยออกจากพื้นที่โครงการ

ANALYSIS REPORT

CUSTOMER NAME : GLOBAL POWER SYNERGY PUBLIC COMPANY LIMITED
ADDRESS : 555/2 ENERGY COMPLEX BUILDING B, 14 TH FLOOR, VIBHAVADI-RANGSIT ROAD CHATUCHAK CHATUCHAK BANGKOK 10900
CONTACT INFORMATION : TEL : 0 3840 7407 #7446 e-mail : chawanrat.t@gpscgroup.com
SAMPLING SOURCE : -
SAMPLE TYPE : EFFLUENT
SAMPLING DATE : JANUARY 24, 2025
SAMPLING TIME : 09:25 HOUR
SAMPLING METHOD : GRAB, GRAB AND STERILE TECHNIQUE
SAMPLING BY : MR THANADET WANSANOR
ANALYZED BY : MISS NAPAPORN KHUNNOKKHUM

RECEIVED DATE : JANUARY 25, 2025
ANALYTICAL DATE : JANUARY 25 - FEBRUARY 1, 2025
ISSUE DATE : FEBRUARY 5, 2025
REPORT NO. : 2025-U009340
WORK NO. : 2025-000394
ANALYSIS NO. : T25AB539-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			บริเวณจุดปล่อยน้ำทั้ง ออกสู่ภายนอกโครงการ T25AB539-0001		
pH ^a	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H ⁺ B AND 1060 B	8.2 (23°C)	-	-
TEMPERATURE ^c	°C	THERMOMETER (AT SITE) SM: PART 2550 B	23.0	-	-
ELECTRICAL CONDUCTIVITY ^b	µS/cm	ELECTRICAL CONDUCTIVITY METHOD (AT SITE) SM: PART 2510 B AND 1060 B	1,325 (23.0°C)	0.1	-
BIOCHEMICAL OXYGEN DEMAND ^a	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	< 2.0	-	2.0
CHEMICAL OXYGEN DEMAND ^a	mg/L	CLOSED REFLUX, COLOURIMETRIC METHOD (SM: PART 5220 D)	26.6	-	25.0
TOTAL SUSPENDED SOLIDS ^a	mg/L	TOTAL SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	< 5.0	-	5.0
TOTAL DISSOLVED SOLIDS ^b	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	890	-	25
TOTAL KJELDAHL NITROGEN ^b	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	< 5.0	1.5	5.0
TOTAL PHOSPHORUS ^c	mg/L P	PERSULPHATE DIGESTION AND ASCORBIC ACID METHOD (SM: PART 4500-P B AND PART 4500-P E)	0.15	0.01	-



PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			บริเวณจุดปล่อยน้ำทิ้ง ออกสู่ภายนอกโครงการ T25AB539-0001		
OIL AND GREASE ^a	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	< 3	-	3
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			YELLOW/CLEAR BROWN		

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

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

Wilailak Srisuk.

(MISS WILAILAK SRISUK)
LABORATORY SUPERVISOR

ANALYSIS REPORT

CUSTOMER NAME : GLOBAL POWER SYNERGY PUBLIC COMPANY LIMITED
ADDRESS : 555/2 ENERGY COMPLEX BUILDING B, 14 TH FLOOR, VIBHVADI-RANGSIT ROAD CHATUCHAK CHATUCHAK BANGKOK 10900
CONTACT INFORMATION : TEL : 0 3840 7407 #7446 e-mail : chawanrat.t@gpscgroup.com
SAMPLING SOURCE : -
SAMPLE TYPE : EFFLUENT
SAMPLING DATE : FEBRUARY 5, 2025
SAMPLING TIME : 14:00 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY : MR THANADET WANSANOR
ANALYZED BY : MISS NAPAPORN KHUNNOKKHUM

RECEIVED DATE : FEBRUARY 6, 2025
ANALYTICAL DATE : FEBRUARY 6-13, 2025
ISSUE DATE : FEBRUARY 14, 2025
REPORT NO. : 2025-U012034
WORK NO. : 2025-000394
ANALYSIS NO. : T25AC328-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			บริเวณจุดปล่อยน้ำทั้ง ออกสู่ภายนอกโครงการ T25AC328-0001		
pH ^a	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H ⁺ B AND 1060 B	8.1 (25.3°C)	-	-
TEMPERATURE ^c	°C	THERMOMETER (AT SITE) SM: PART 2550 B	25.3	-	-
ELECTRICAL CONDUCTIVITY ^b	µS/cm	ELECTRICAL CONDUCTIVITY METHOD (AT SITE) SM: PART 2510 B AND 1060 B	1,306 (25.3°C)	0.1	-
BIOCHEMICAL OXYGEN DEMAND ^a	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	< 2.0	-	2.0
CHEMICAL OXYGEN DEMAND ^a	mg/L	CLOSED REFLUX, COLOURIMETRIC METHOD (SM: PART 5220 D)	25.0	-	25.0
TOTAL SUSPENDED SOLIDS ^a	mg/L	TOTAL SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	< 5.0	-	5.0
TOTAL DISSOLVED SOLIDS ^b	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	741	-	25
TOTAL KJELDAHL NITROGEN ^b	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	< 5.0	1.5	5.0
TOTAL PHOSPHORUS ^c	mg/L P	PERSULPHATE DIGESTION AND ASCORBIC ACID METHOD (SM: PART 4500-P B AND PART 4500-P E)	0.15	0.01	0.05



PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			บริเวณจุดปล่อยน้ำทิ้ง ออกสู่ภายนอกโครงการ T25AC328-0001		
OIL AND GREASE ^a	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	< 3	-	3
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			YELLOW/CLEAR YELLOW		

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : 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, 24th EDITION, 2023.

Wilailak Srisuk.

(MISS WILAILAK SRISUK)
LABORATORY SUPERVISOR

ANALYSIS REPORT

CUSTOMER NAME : GLOBAL POWER SYNERGY PUBLIC COMPANY LIMITED
ADDRESS : 555/2 ENERGY COMPLEX BUILDING B, 14 TH FLOOR, VIBHAVADI-RANGSIT ROAD CHATUCHAK CHATUCHAK BANGKOK 10900
CONTACT INFORMATION : TEL : 0 3840 7407 #7446 e-mail : chawanrat.t@gpscgroup.com
SAMPLING SOURCE : -
SAMPLE TYPE : EFFLUENT
SAMPLING DATE : MARCH 5, 2025
SAMPLING TIME : 14:50 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY : MR THANADET WANSANOR
ANALYZED BY : MISS NAPAPORN KHUNNOKKHUM

RECEIVED DATE : MARCH 6, 2025
ANALYTICAL DATE : MARCH 6-13, 2025
ISSUE DATE : MARCH 17, 2025
REPORT NO. : 2025-U022207
WORK NO. : 2025-000394
ANALYSIS NO. : T25AE720-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			บริเวณจุดปล่อยน้ำทิ้ง ออกสู่ภายนอกโครงการ T25AE720-0001		
pH ^a	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H ⁺ B AND 1060 B	8.4 (30.1°C)	-	-
TEMPERATURE ^c	°C	THERMOMETER (AT SITE) SM: PART 2550 B	30.1	-	-
ELECTRICAL CONDUCTIVITY ^b	µS/cm	ELECTRICAL CONDUCTIVITY METHOD (AT SITE) SM: PART 2510 B AND 1060 B	1,753 (30.1°C)	0.1	-
BIOCHEMICAL OXYGEN DEMAND ^a	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	2.2	-	2.0
CHEMICAL OXYGEN DEMAND ^a	mg/L	CLOSED REFLUX, COLOURIMETRIC METHOD (SM: PART 5220 D)	52.0	-	25.0
TOTAL SUSPENDED SOLIDS ^a	mg/L	TOTAL SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	8.5	-	5.0
TOTAL DISSOLVED SOLIDS ^b	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	950	-	25
TOTAL KJELDAHL NITROGEN ^b	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	< 5.0	1.5	5.0
TOTAL PHOSPHORUS ^c	mg/L P	PERSULPHATE DIGESTION AND ASCORBIC ACID METHOD (SM: PART 4500-P B AND PART 4500-P E)	0.15	0.01	0.05



PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			บริเวณจุดปล่อยน้ำทิ้ง ออกสู่ภายนอกโครงการ T25AE720-0001		
OIL AND GREASE ^a	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	< 3	-	3
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			YELLOW/CLEAR BROWN		

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : 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, 24th EDITION, 2023.

Wilailak Srisuk

(MISS WILAILAK SRISUK)
LABORATORY SUPERVISOR

ANALYSIS REPORT

CUSTOMER NAME : GLOBAL POWER SYNERGY PUBLIC COMPANY LIMITED
ADDRESS : 555/2 ENERGY COMPLEX BUILDING B, 14 TH FLOOR, VIBHAVADI-RANGSIT ROAD CHATUCHAK CHATUCHAK BANGKOK 10900
CONTACT INFORMATION : TEL : 0 3840 7407 #7446 e-mail : chawanrat.t@gpscgroup.com
SAMPLING SOURCE : โรงไฟฟ้าศรีราชา
SAMPLE TYPE : EFFLUENT
SAMPLING DATE : APRIL 2, 2025
SAMPLING TIME : 13:50 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY : MR THANADET WANSANOR
ANALYZED BY : MISS NAPAPORN KHUNNOKKHUM

RECEIVED DATE : APRIL 2, 2025
ANALYTICAL DATE : APRIL 2-10, 2025
ISSUE DATE : APRIL 17, 2025
REPORT NO. : 2025-U031808
WORK NO. : 2025-000394
ANALYSIS NO. : T25AH161-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			บริเวณจุดปล่อยน้ำทิ้ง ออกสู่ภายนอกโครงการ T25AH161-0001		
pH ^a	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H* B AND 1060 B	8.2 (30.9°C)	-	-
TEMPERATURE ^c	°C	THERMOMETER (AT SITE) SM: PART 2550 B	30.9	-	-
ELECTRICAL CONDUCTIVITY ^b	µS/cm	ELECTRICAL CONDUCTIVITY METHOD (AT SITE) SM: PART 2510 B AND 1060 B	1,609 (30.9°C)	0.1	-
BIOCHEMICAL OXYGEN DEMAND ^a	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	< 2.0	-	2.0
CHEMICAL OXYGEN DEMAND ^a	mg/L	CLOSED REFLUX, COLOURIMETRIC METHOD (SM: PART 5220 D)	57.4	-	25.0
TOTAL SUSPENDED SOLIDS ^a	mg/L	TOTAL SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	8.8	-	5.0
TOTAL DISSOLVED SOLIDS ^b	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	972	-	25
TOTAL KJELDAHL NITROGEN ^b	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	< 5.0	1.5	5.0
TOTAL PHOSPHATE ^c	mg/L PO ₄ ³⁻	PERSULPHATE DIGESTION AND ASCORBIC ACID METHOD (SM: PART 4500-P B AND PART 4500-P E)	0.34	0.03	0.15
OIL AND GREASE ^a	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	< 3	-	3
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			YELLOW/CLEAR BROWN		

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : 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, 24th EDITION, 2023.

Wilailak Sriruk

(MISS WILAILAK SRISUK)
LABORATORY SUPERVISOR



ANALYSIS REPORT

CUSTOMER NAME : GLOBAL POWER SYNERGY PUBLIC COMPANY LIMITED
ADDRESS : 555/2 ENERGY COMPLEX BUILDING B, 14 TH FLOOR, VIBHAVADI-RANGSIT ROAD CHATUCHAK CHATUCHAK BANGKOK 10900
CONTACT INFORMATION : TEL : 0 3840 7407 #7446 e-mail : chawanrat.t@gpscgroup.com
SAMPLING SOURCE : โรงไฟฟ้าศรีราชา
SAMPLE TYPE : EFFLUENT
SAMPLING DATE : MAY 7, 2025
SAMPLING TIME : 12:45 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY : MR THANADET WANSANOR
ANALYZED BY : MISS NAPAPORN KHUNNOKKHUM

RECEIVED DATE : MAY 8, 2025
ANALYTICAL DATE : MAY 8-16, 2025
ISSUE DATE : MAY 20, 2025
REPORT NO. : 2025-U043393
WORK NO. : 2025-000394
ANALYSIS NO. : T25AJ729-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			บริเวณจุดปล่อยน้ำทิ้ง ออกสู่ภายนอกโครงการ T25AJ729-0001		
pH ^a	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H ⁺ B AND 1060 B	8.4 (28.2°C)	-	-
TEMPERATURE ^c	°C	THERMOMETER (AT SITE) SM: PART 2550 B	28.2	-	-
ELECTRICAL CONDUCTIVITY ^b	µS/cm	ELECTRICAL CONDUCTIVITY METHOD (AT SITE) SM: PART 2510 B AND 1060 B	1,472 (28.2°C)	0.1	-
BIOCHEMICAL OXYGEN DEMAND ^a	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	< 2.0	-	2.0
CHEMICAL OXYGEN DEMAND ^a	mg/L	CLOSED REFLUX, COLOURIMETRIC METHOD (SM: PART 5220 D)	39.4	-	25.0
TOTAL SUSPENDED SOLIDS ^a	mg/L	TOTAL SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	< 5.0	-	5.0
TOTAL DISSOLVED SOLIDS ^b	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	748	-	25
TOTAL KJELDAHL NITROGEN ^b	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	< 5.0	1.5	5.0
TOTAL PHOSPHATE ^c	mg/L PO ₄ ³⁻	PERSULPHATE DIGESTION AND ASCORBIC ACID METHOD (SM: PART 4500-P B AND PART 4500-P E)	0.24	0.03	0.15
OIL AND GREASE ^a	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	< 3	-	3
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			YELLOW/CLEAR YELLOW		

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : 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, 24th EDITION, 2023.

Wilailak Sriskuk

(MISS WILAILAK SRISUK)
LABORATORY SUPERVISOR



ANALYSIS REPORT

CUSTOMER NAME : GLOBAL POWER SYNERGY PUBLIC COMPANY LIMITED
ADDRESS : 555/2 ENERGY COMPLEX BUILDING B, 14 TH FLOOR, VIBHAVADI-RANGSIT ROAD CHATUCHAK CHATUCHAK BANGKOK 10900
CONTACT INFORMATION : TEL : 0 3840 7407 #7446 e-mail : chawanrat.t@gpscgroup.com
SAMPLING SOURCE : โรงไฟฟ้าศรีราชา
SAMPLE TYPE : EFFLUENT
SAMPLING DATE : JUNE 5, 2025
SAMPLING TIME : 10:40 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY : MR THANADET WANSANOR
ANALYZED BY : MISS NAPAPORN KHUNNOKKHUM

RECEIVED DATE : JUNE 6, 2025
ANALYTICAL DATE : JUNE 6-13, 2025
ISSUE DATE : JUNE 17, 2025
REPORT NO. : 2025-U053812
WORK NO. : 2025-000394
ANALYSIS NO. : T25AM145-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			บริเวณจุดปล่อยน้ำทิ้ง ออกสู่ภายนอกโครงการ T25AM145-0001		
pH ^a	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H ⁺ B AND 1060 B	8.0 (29.2°C)	-	-
TEMPERATURE ^c	°C	THERMOMETER (AT SITE) SM: PART 2550 B	29.2	-	-
ELECTRICAL CONDUCTIVITY ^b	µS/cm	ELECTRICAL CONDUCTIVITY METHOD (AT SITE) SM: PART 2510 B AND 1060 B	1,215 (29.2°C)	0.1	-
BIOCHEMICAL OXYGEN DEMAND ^a	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	< 2.0	-	2.0
CHEMICAL OXYGEN DEMAND ^a	mg/L	CLOSED REFLUX, COLOURIMETRIC METHOD (SM: PART 5220 D)	318	-	25.0
TOTAL SUSPENDED SOLIDS ^a	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	< 5.0	-	5.0
TOTAL DISSOLVED SOLIDS ^b	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	594	-	25
TOTAL KJELDAHL NITROGEN ^c	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	ND	1.5	5.0
TOTAL PHOSPHATE ^c	mg/L PO ₄ ³⁻	PERSULPHATE DIGESTION AND ASCORBIC ACID METHOD (SM: PART 4500-P B AND PART 4500-P E)	0.15	0.03	0.15



PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			บริเวณจุดปล่อยน้ำทิ้ง ออกสู่ภายนอกโครงการ T25AM145-0001		
OIL AND GREASE ^a	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	< 3	-	3
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			YELLOW/CLEAR BROWN		

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : 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, 24th EDITION, 2023.

ND : NOT DETECTED.

Wilailak Sriruk

(MISS WILAILAK SRISUK)
LABORATORY SUPERVISOR

ภาคผนวก ก-4

ผลการติดตามตรวจสอบคุณภาพน้ำทะเล

ANALYSIS REPORT

CUSTOMER NAME : GLOBAL POWER SYNERGY PUBLIC COMPANY LIMITED
ADDRESS : 555/2 ENERGY COMPLEX BUILDING B, 14 TH FLOOR, VIBHAVADI-RANGSIT ROAD CHATUCHAK CHATUCHAK BANGKOK 10900
CONTACT INFORMATION : TEL : 08 5314 3115 e-mail : kingkarn.kh@gpscgroup.com
SAMPLING SOURCE : IN FRONT OF THAI OIL PUBLIC COMPANY LIMITED
 (42/1 MOO 1, SUKHUMVIT ROAD KM.124, TUNGSUKLA, SRIRACHA, CHONBURI 20230.)
SAMPLE TYPE : SEAWATER
SAMPLING DATE : APRIL 8, 2025
SAMPLING TIME : 12:50 HOUR
SAMPLING METHOD : COMPOSITE
SAMPLING BY : MR ANUSART SUAYDEE
ANALYZED BY : MISS KANNIKAR SUMLEETHA

RECEIVED DATE : APRIL 8, 2025
ANALYTICAL DATE : APRIL 8-18, 2025
ISSUE DATE : APRIL 24, 2025
REPORT NO. : 2025-U033610
WORK NO. : 2022-006185
ANALYSIS NO. : T25AH663-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			JETTY # 3 T25AH663-0002		
pH ^a	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H ⁺ B AND 1060 B	8.3 (30.4°C)	-	-
TEMPERATURE ^c	°C	THERMOMETER (AT SITE) SM: PART 2550 B	30.4	-	-
DISSOLVED OXYGEN ^c	mg/L	MEMBRANE ELECTRODE METHOD (AT SITE) SM: PART 4500-O G	5.8	0.5	-
BIOCHEMICAL OXYGEN DEMAND ^c	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	1.6	0.5	-
TOTAL AMMONIA ^b	µg/L N	IN-HOUSE METHOD: UAE.TP.WAT.001 BASED ON STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA&WEF, 24th ED., 2023, PART 4500-NH ₃ H	162	10.0	50.0
FAT, OIL AND GREASE ^c	mg/L	SOXHLET EXTRACTION METHOD (SM: PART 5520 D)	< 3	-	3
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			YELLOW/CLEAR YELLOW		

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : 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, 24th EDITION, 2023.

Piyapat S.

(MRS PIYAPAT SUTTAMANUTWONG)
LABORATORY SUPERVISOR



ANALYSIS REPORT

CUSTOMER NAME : GLOBAL POWER SYNERGY PUBLIC COMPANY LIMITED
ADDRESS : 555/2 ENERGY COMPLEX BUILDING B, 14 TH FLOOR, VIBHVADI-RANGSIT ROAD CHATUCHAK CHATUCHAK BANGKOK 10900
CONTACT INFORMATION : TEL : 08 5314 3115 e-mail : kingkarn.kh@gpscgroup.com
SAMPLING SOURCE : IN FRONT OF THAI OIL PUBLIC COMPANY LIMITED
 (42/1 MOO 1, SUKHUMVIT ROAD KM.124, TUNGSUKLA, SRIRACHA, CHONBURI 20230.)
SAMPLE TYPE : SEAWATER
SAMPLING DATE : APRIL 8, 2025
SAMPLING TIME : 12:30 HOUR
SAMPLING METHOD : COMPOSITE
SAMPLING BY : MR ANUSART SUAYDEE
ANALYZED BY : MISS KANNIKAR SUMLEETHA

RECEIVED DATE : APRIL 8, 2025
ANALYTICAL DATE : APRIL 8-18, 2025
ISSUE DATE : APRIL 24, 2025
REPORT NO. : 2025-U033609
WORK NO. : 2022-006185
ANALYSIS NO. : T25AH663-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			REFINERY OUTFALL T25AH663-0001		
pH ^a	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H ⁺ B AND 1060 B	8.2 (31.6°C)	-	-
TEMPERATURE ^c	°C	THERMOMETER (AT SITE) SM: PART 2550 B	31.6	-	-
DISSOLVED OXYGEN ^c	mg/L	MEMBRANE ELECTRODE METHOD (AT SITE) SM: PART 4500-O G	5.6	0.5	-
BIOCHEMICAL OXYGEN DEMAND ^c	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	1.6	0.5	-
TOTAL AMMONIA ^b	µg/L N	IN-HOUSE METHOD: UAE.TP.WAT.001 BASED ON STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA&WEF, 24th ED., 2023, PART 4500-NH ₃ H	212	10.0	50.0
FAT, OIL AND GREASE ^c	mg/L	SOXHLET EXTRACTION METHOD (SM: PART 5520 D)	< 3	-	3
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			YELLOW/CLEAR YELLOW		

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : 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, 24th EDITION, 2023.

Piyapat S.

(MRS PIYAPAT SUTTAMANUTWONG)
LABORATORY SUPERVISOR



ANALYSIS REPORT

CUSTOMER NAME : GLOBAL POWER SYNERGY PUBLIC COMPANY LIMITED
ADDRESS : 555/2 ENERGY COMPLEX BUILDING B, 14 TH FLOOR, VIBHAVADI-RANGSIT ROAD CHATUCHAK CHATUCHAK BANGKOK 10900
CONTACT INFORMATION : TEL : 08 5314 3115 e-mail : kingkarn.kh@gpscgroup.com
SAMPLING SOURCE : IN FRONT OF THAI OIL PUBLIC COMPANY LIMITED (42/1 MOO 1, SUKHUMVIT ROAD KM.124, TUNGSUKLA, SRIRACHA, CHONBURI 20230.)
SAMPLE TYPE : SEAWATER
SAMPLING DATE : APRIL 8, 2025
SAMPLING TIME : 11:30 HOUR
SAMPLING METHOD : COMPOSITE
SAMPLING BY : MR ANUSART SUAYDEE
ANALYZED BY : MISS KANNIKAR SUMLEETHA

RECEIVED DATE : APRIL 8, 2025
ANALYTICAL DATE : APRIL 8-18, 2025
ISSUE DATE : APRIL 24, 2025
REPORT NO. : 2025-U033611
WORK NO. : 2022-006185
ANALYSIS NO. : T25AH663-0003

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			CONVENTIONAL BUOY MOORING T25AH663-0003		
pH ^a	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H ⁺ B AND 1060 B	8.3 (30.4°C)	-	-
TEMPERATURE ^c	°C	THERMOMETER (AT SITE) SM: PART 2550 B	30.4	-	-
DISSOLVED OXYGEN ^c	mg/L	MEMBRANE ELECTRODE METHOD (AT SITE) SM: PART 4500-O G	5.8	0.5	-
BIOCHEMICAL OXYGEN DEMAND ^c	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	1.5	0.5	-
TOTAL AMMONIA ^b	µg/L N	IN-HOUSE METHOD: UAE.TP.WAT.001 BASED ON STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA&WEF, 24th ED., 2023, PART 4500-NH ₃ H	250	10.0	50.0
FAT, OIL AND GREASE ^c	mg/L	SOXHLET EXTRACTION METHOD (SM: PART 5520 D)	< 3	-	3
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			YELLOW/CLEAR YELLOW		

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : 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, 24th EDITION, 2023.

Piyapat S.

(MRS PIYAPAT SUTTAMANUTWONG)
LABORATORY SUPERVISOR



ANALYSIS REPORT

CUSTOMER NAME : GLOBAL POWER SYNERGY PUBLIC COMPANY LIMITED
ADDRESS : 555/2 ENERGY COMPLEX BUILDING B, 14 TH FLOOR, VIBHVADI-RANGSIT ROAD CHATUCHAK CHATUCHAK BANGKOK 10900
CONTACT INFORMATION : TEL : 08 5314 3115 e-mail : kingkarn.kh@gpscgroup.com
SAMPLING SOURCE : IN FRONT OF THAI OIL PUBLIC COMPANY LIMITED
 (42/1 MOO 1, SUKHUMVIT ROAD KM.124, TUNGSUKLA, SRIRACHA, CHONBURI 20230.)
SAMPLE TYPE : SEAWATER
SAMPLING DATE : APRIL 8, 2025
SAMPLING TIME : 10:50 HOUR
SAMPLING METHOD : COMPOSITE
SAMPLING BY : MR ANUSART SUAYDEE
ANALYZED BY : MISS KANNIKAR SUMLEETHA

RECEIVED DATE : APRIL 8, 2025
ANALYTICAL DATE : APRIL 8-18, 2025
ISSUE DATE : APRIL 24, 2025
REPORT NO. : 2025-U033612
WORK NO. : 2022-006185
ANALYSIS NO. : T25AH663-0004

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			SINGLE BUOY MOORING 1 T25AH663-0004		
pH ^a	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H ⁺ B AND 1060 B	8.3 (30.2°C)	-	-
TEMPERATURE ^c	°C	THERMOMETER (AT SITE) SM: PART 2550 B	30.2	-	-
DISSOLVED OXYGEN ^c	mg/L	MEMBRANE ELECTRODE METHOD (AT SITE) SM: PART 4500-O G	5.7	0.5	-
BIOCHEMICAL OXYGEN DEMAND ^c	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	1.1	0.5	-
TOTAL AMMONIA ^b	µg/L N	IN-HOUSE METHOD: UAE.TP.WAT.001 BASED ON STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA&WEF, 24th ED., 2023, PART 4500-NH ₃ H	170	10.0	50.0
FAT, OIL AND GREASE ^c	mg/L	SOXHLET EXTRACTION METHOD (SM: PART 5520 D)	< 3	-	3
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			YELLOW/CLEAR YELLOW		

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : 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, 24th EDITION, 2023.

Piyapat S.

(MRS PIYAPAT SUTTAMANUTWONG)
LABORATORY SUPERVISOR



ภาคผนวก ก-5

ผลการติดตามตรวจสอบระดับเสียงเฉลี่ย 5 นาที

ANALYSIS REPORT

CUSTOMER NAME : GLOBAL POWER SYNERGY PUBLIC COMPANY LIMITED
ADDRESS : 42/3 MOO 1, SUKHUMVIT ROAD KM. 124 THUNG SUKHLA SI RACHA CHON BURI 20230
CONTACT INFORMATION : TEL : 08 5314 3115 e-mail : kingkarn.kh@gpscgroup.com
MEASURING PLACE : GLOBAL POWER SYNERGY PUBLIC COMPANY LIMITED
MEASURING TYPE : WORKPLACE (NOISE) **RECEIVED DATE** : MARCH 26, 2025
MEASURING DATE : MARCH 26, 2025 **ANALYTICAL DATE** : MARCH 26, 2025
MEASURING TIME : * **ISSUE DATE** : APRIL 3, 2025
MEASURING EQUIPMENT : INTEGRATED SOUND LEVEL METER** **REPORT NO.** : 2025-U028637
MEASURED BY : MR KHWANCHAI PHONTHUK **WORK NO.** : 2025-000394
ANALYSIS NO. : T25AG900-0001 - T25AG900-0024

ANALYSIS NO.	MEASURING SITE	TIME* (HOUR)	RESULT (dB(A))	
			L _{Aeq} 5 min	L _{Amax} 5 min
T25AG900-0001	BFP CT2	10:20-10:25	71.1	74.7
T25AG900-0002	STEAM LINE HRSG2	10:22-10:27	75.1	80.1
T25AG900-0003	CT2 ENCLOSURE 1	10:24-10:29	81.7	83.6
T25AG900-0004	BLOW DOWN TANK CT2	10:26-10:31	71.5	72.2
T25AG900-0005	CT2 ENCLOSURE 2	10:32-10:37	73.2	74.1
T25AG900-0006	AIR INLET CT2	10:34-10:39	75.7	77.5
T25AG900-0007	CT2 TRANSFORMER	10:36-10:41	71.0	77.3
T25AG900-0008	CT2 GENERATOR	10:38-10:43	79.5	79.8
T25AG900-0009	MECHANICAL PACKAGE 2	10:44-10:49	80.1	81.3
T25AG900-0010	BFP CT1	10:46-10:51	78.6	79.6
T25AG900-0011	STEAM LINE HRSG1	10:48-10:53	79.8	80.4
T25AG900-0012	CT1 ENCLOSURE 1	10:50-10:55	86.9	87.3
T25AG900-0013	BLOW DOWN TANK CT1	10:56-11:01	77.7	80.5
T25AG900-0014	CT1 ENCLOSURE 2	10:58-11:03	79.8	80.1
T25AG900-0015	AIR INLET CT1	11:00-11:05	82.9	83.7
T25AG900-0016	CT1 TRANSFORMER	11:02-11:07	80.1	80.9
T25AG900-0017	CT1 GENERATOR	11:08-11:13	84.1	84.9
T25AG900-0018	MECHANICAL PACKAGE 1	11:10-11:15	82.1	83.5
T25AG900-0019	ST TRANSFORMER	11:12-11:17	79.7	80.4
T25AG900-0020	ST GENERATOR	11:14-11:19	84.9	85.7



ANALYSIS NO.	MEASURING SITE	TIME* (HOUR)	RESULT (dB(A))	
			L _{Aeq} 5 min	L _{Amax} 5 min
T25AG900-0021	CONDENSER	11:20-11:25	79.0	80.6
T25AG900-0022	ST LUBE OIL COOLER	11:22-11:27	86.1	86.5
T25AG900-0023	AUXILIARY CW PUMP	11:24-11:29	82.7	83.1
T25AG900-0024	CIRCULATING PUMP	11:26-11:31	84.9	85.2

REMARK :

** DEPARTMENT OF LABOR PROTECTION AND WELFARE ANNOUNCEMENT REGARDING STANDARDS, METHODS FOR MEASUREMENT AND ANALYSIS OF WORKING CONDITIONS RELATED TO HEAT LEVELS, LIGHTING, OR NOISE, INCLUDING DURATION AND TYPES OF ACTIVITIES REQUIRED, DATED FEBRUARY 8, B.E. 2561 (2018).

** THE MINISTERIAL REGULATION (MINISTRY OF LABOR) ON ESTABLISHING STANDARDS FOR MANAGEMENT AND IMPLEMENTATION OF OCCUPATIONAL SAFETY, HEALTH, AND ENVIRONMENTAL CONDITIONS RELATED TO HEAT, LIGHTING AND NOISE, DATED OCTOBER 7, B.E. 2559 (2016).

** THE MINISTRY OF INDUSTRY ANNOUNCEMENT REGARDING SAFETY PROTECTION MEASURES FOR INDUSTRIAL OPERATIONS RELATED TO WORKING ENVIRONMENTAL CONDITIONS, DATED NOVEMBER 6, B.E. 2546 (2003).

Nattawat

(MR NATTAWAT DANGSAWAT)
LABORATORY SUPERVISOR

ANALYSIS REPORT

CUSTOMER NAME : GLOBAL POWER SYNERGY PUBLIC COMPANY LIMITED
ADDRESS : 42/3 MOO 1, SUKHUMVIT ROAD KM. 124 THUNG SUKHILA SI RACHA CHON BURI 20230
CONTACT INFORMATION : TEL : 08 5314 3115 e-mail : kingkarn.kh@gpscgroup.com
MEASURING PLACE : GLOBAL POWER SYNERGY PUBLIC COMPANY LIMITED
MEASURING TYPE : WORKPLACE (NOISE) **RECEIVED DATE** : MAY 29, 2025
MEASURING DATE : MAY 29, 2025 **ANALYTICAL DATE** : MAY 29, 2025
MEASURING TIME : * **ISSUE DATE** : JUNE 12, 2025
MEASURING EQUIPMENT : INTEGRATED SOUND LEVEL METER ** **REPORT NO.** : 2025-U051355
MEASURED BY : MR BOONYARIT KONSIN **WORK NO.** : 2025-000394
ANALYSIS NO. : T25AL684-0001 - T25AL684-0024

ANALYSIS NO.	MEASURING SITE	TIME* (HOUR)	RESULT (dB(A))	
			L _{Aeq} 5 min	L _{Amax} 5 min
T25AL684-0001	BFP CT2	10:00-10:05	58.8	61.2
T25AL684-0002	STEAM LINE HRSG2	10:02-10:07	61.1	66.4
T25AL684-0003	CT2 ENCLOSURE 1	10:04-10:09	54.5	63.8
T25AL684-0004	BLOW DOWN TANK CT2	10:06-10:11	55.5	77.0
T25AL684-0005	CT2 ENCLOSURE 2	10:10-10:15	57.5	61.5
T25AL684-0006	AIR INLET CT2	10:12-10:17	61.6	68.3
T25AL684-0007	CT2 TRANSFORMER	10:14-10:19	58.5	68.1
T25AL684-0008	CT2 GENERATOR	10:16-10:21	61.3	64.2
T25AL684-0009	MECHANICAL PACKAGE 2	10:25-10:30	59.8	65.2
T25AL684-0010	BFP CT1	10:27-10:32	58.8	61.8
T25AL684-0011	STEAM LINE HRSG1	10:29-10:34	55.2	58.1
T25AL684-0012	CT1 ENCLOSURE 1	10:31-10:36	56.9	64.4
T25AL684-0013	BLOW DOWN TANK CT1	10:40-10:45	54.9	57.5
T25AL684-0014	CT1 ENCLOSURE 2	10:42-10:47	59.1	62.4
T25AL684-0015	AIR INLET CT1	10:44-10:49	59.8	65.4
T25AL684-0016	CT1 TRANSFORMER	10:46-10:51	59.8	65.4
T25AL684-0017	CT1 GENERATOR	10:55-11:00	59.3	66.2
T25AL684-0018	MECHANICAL PACKAGE 1	10:57-11:02	60.1	61.3
T25AL684-0019	ST TRANSFORMER	10:59-11:04	60.4	63.5
T25AL684-0020	ST GENERATOR	11:02-11:07	66.0	69.2
T25AL684-0021	CONDENSER	11:15-11:20	63.0	65.6



ANALYSIS NO.	MEASURING SITE	TIME* (HOUR)	RESULT (dB(A))	
			L _{Aeq} 5 min	L _{Amax} 5 min
T25AL684-0022	ST LUBE OIL COOLER	11:17-11:22	60.7	61.8
T25AL684-0023	AUXILIARY CW PUMP	11:19-11:24	61.0	62.6
T25AL684-0024	CIRCULATING PUMP	11:22-11:27	58.5	61.8

REMARK :

- ** DEPARTMENT OF LABOR PROTECTION AND WELFARE ANNOUNCEMENT REGARDING STANDARDS, METHODS FOR MEASUREMENT AND ANALYSIS OF WORKING CONDITIONS RELATED TO HEAT LEVELS, LIGHTING, OR NOISE, INCLUDING DURATION AND TYPES OF ACTIVITIES REQUIRED, DATED FEBRUARY 8, B.E. 2561 (2018).
- ** THE MINISTERIAL REGULATION (MINISTRY OF LABOR) ON ESTABLISHING STANDARDS FOR MANAGEMENT AND IMPLEMENTATION OF OCCUPATIONAL SAFETY, HEALTH, AND ENVIRONMENTAL CONDITIONS RELATED TO HEAT, LIGHTING AND NOISE, DATED OCTOBER 7, B.E. 2559 (2016).
- ** THE MINISTRY OF INDUSTRY ANNOUNCEMENT REGARDING SAFETY PROTECTION MEASURES FOR INDUSTRIAL OPERATIONS RELATED TO WORKING ENVIRONMENTAL CONDITIONS, DATED NOVEMBER 6, B.E. 2546 (2003).

Nattawat

(MR NATTAWAT DANGSAWAT)
LABORATORY SUPERVISOR

ภาคผนวก ก-6

ผลการติดตามตรวจสอบระดับเสียงเฉลี่ย 8 ชั่วโมง และ 12 ชั่วโมง

ANALYSIS REPORT

CUSTOMER NAME : GLOBAL POWER SYNERGY PUBLIC COMPANY LIMITED
ADDRESS : 42/3 MOO 1, SUKHUMVIT ROAD KM. 124 THUNG SUKHLA SI RACHA CHON BURI 20230
CONTACT INFORMATION : TEL : 08 5314 3115 e-mail : kingkarn.kh@gpscgroup.com
MEASURING PLACE : GLOBAL POWER SYNERGY PUBLIC COMPANY LIMITED
MEASURING TYPE : WORKPLACE (NOISE) **RECEIVED DATE** : MARCH 26, 2025
MEASURING DATE : MARCH 26, 2025 **ANALYTICAL DATE** : MARCH 26, 2025
MEASURING TIME : * **ISSUE DATE** : APRIL 3, 2025
MEASURING EQUIPMENT : INTEGRATED SOUND LEVEL METER** **REPORT NO.** : 2025-U028641
MEASURED BY : MR KHWANCHAI PHONTHUK **WORK NO.** : 2025-000394
ANALYSIS NO. : T25AG902-0001

ANALYSIS NO.	MEASURING SITE	TIME* (HOUR)	RESULT (dB(A))	
			L _{Aeq} 8 hours	L _{Amax} 8 hours
T25AG902-0001	บริเวณหน่วยผลิต	08:12-16:12	72.8	80.0

REMARK :

- ** DEPARTMENT OF LABOR PROTECTION AND WELFARE ANNOUNCEMENT REGARDING STANDARDS, METHODS FOR MEASUREMENT AND ANALYSIS OF WORKING CONDITIONS RELATED TO HEAT LEVELS, LIGHTING, OR NOISE, INCLUDING DURATION AND TYPES OF ACTIVITIES REQUIRED, DATED FEBRUARY 8, B.E. 2561 (2018).
** THE MINISTERIAL REGULATION (MINISTRY OF LABOR) ON ESTABLISHING STANDARDS FOR MANAGEMENT AND IMPLEMENTATION OF OCCUPATIONAL SAFETY, HEALTH, AND ENVIRONMENTAL CONDITIONS RELATED TO HEAT, LIGHTING AND NOISE, DATED OCTOBER 7, B.E. 2559 (2016).
** THE MINISTRY OF INDUSTRY ANNOUNCEMENT REGARDING SAFETY PROTECTION MEASURES FOR INDUSTRIAL OPERATIONS RELATED TO WORKING ENVIRONMENTAL CONDITIONS, DATED NOVEMBER 6, B.E. 2546 (2003).

Nattawat

(MR NATTAWAT DANGSAWAT)
LABORATORY SUPERVISOR



ANALYSIS REPORT

CUSTOMER NAME : GLOBAL POWER SYNERGY PUBLIC COMPANY LIMITED
ADDRESS : 42/3 MOO 1, SUKHUMVIT ROAD KM. 124 THUNG SUKHLA SI RACHA CHON BURI 20230
CONTACT INFORMATION : TEL : 08 5314 3115 e-mail : kingkarn.kh@gpscgroup.com
MEASURING PLACE : GLOBAL POWER SYNERGY PUBLIC COMPANY LIMITED
MEASURING TYPE : WORKPLACE (NOISE) **RECEIVED DATE** : MARCH 26, 2025
MEASURING DATE : MARCH 26, 2025 **ANALYTICAL DATE** : MARCH 26, 2025
MEASURING TIME : * **ISSUE DATE** : APRIL 3, 2025
MEASURING EQUIPMENT : INTEGRATED SOUND LEVEL METER** **REPORT NO.** : 2025-U028643
MEASURED BY : MR KHWANCHAI PHONTHUK **WORK NO.** : 2025-000394
ANALYSIS NO. : T25AG903-0001

ANALYSIS NO.	MEASURING SITE	TIME* (HOUR)	RESULT (dB(A))	
			L _{Aeq} 12 hours	L _{Amax} 12 hours
T25AG903-0001	บริเวณหน่วยผลิต	08:12-20:12	73.4	80.0

REMARK :

- ** DEPARTMENT OF LABOR PROTECTION AND WELFARE ANNOUNCEMENT REGARDING STANDARDS, METHODS FOR MEASUREMENT AND ANALYSIS OF WORKING CONDITIONS RELATED TO HEAT LEVELS, LIGHTING, OR NOISE, INCLUDING DURATION AND TYPES OF ACTIVITIES REQUIRED, DATED FEBRUARY 8, B.E. 2561 (2018).
- ** THE MINISTERIAL REGULATION (MINISTRY OF LABOR) ON ESTABLISHING STANDARDS FOR MANAGEMENT AND IMPLEMENTATION OF OCCUPATIONAL SAFETY, HEALTH, AND ENVIRONMENTAL CONDITIONS RELATED TO HEAT, LIGHTING AND NOISE, DATED OCTOBER 7, B.E. 2559 (2016).
- ** THE MINISTRY OF INDUSTRY ANNOUNCEMENT REGARDING SAFETY PROTECTION MEASURES FOR INDUSTRIAL OPERATIONS RELATED TO WORKING ENVIRONMENTAL CONDITIONS, DATED NOVEMBER 6, B.E. 2546 (2003).

Nattawat

(MR NATTAWAT DANGSAWAT)
LABORATORY SUPERVISOR



ภาคผนวก ก-7

ผลการติดตามตรวจสอบระดับเสียงสะสมตัวบุคคล

ANALYSIS REPORT

CUSTOMER NAME : GLOBAL POWER SYNERGY PUBLIC COMPANY LIMITED
ADDRESS : 42/3 MOO 1, SUKHUMVIT ROAD KM. 124 THUNG SUKHLA SI RACHA CHON BURI 20230
CONTACT INFORMATION : TEL : 08 5314 3115 e-mail : kingkarn.kh@gpscgroup.com
MEASURING PLACE : GLOBAL POWER SYNERGY PUBLIC COMPANY LIMITED
MEASURING TYPE : WORKPLACE (NOISE DOSE)
MEASURING DATE : MARCH 26-27, 2025
MEASURING TIME : *
MEASURING EQUIPMENT : NOISE DOSE METER**
MEASURED BY : MR KHWANCHAI PHONTHUK

RECEIVED DATE : MARCH 26-27, 2025
ANALYTICAL DATE : MARCH 26-27, 2025
ISSUE DATE : APRIL 3, 2025
REPORT NO. : 2025-U028646
WORK NO. : 2025-000394
ANALYSIS NO. : T25AG905-0001 - T25AG905-0002

ANALYSIS NO.	MEASURING SITE	TIME* (HOUR)	RESULT			
			LAVG ^a _{12 HOUR} (dB(A))	TWA ^a _{8 HOUR} (dB(A))	L _{Amax} (dB(A)) ^c	DOSE (%) ^c
T25AG905-0001	บริเวณ F1 ช่วงดึก (คุณพสุธา [REDACTED])	19:05-07:05	77.3	79.1	100.9	25.4
T25AG905-0002	บริเวณ F2 ช่วงดึก (คุณกัณฐ์รัตน์ [REDACTED])	19:08-07:08	70.6	72.3	98.8	5.40

a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARD INSTITUTE (TISI)

c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

** DEPARTMENT OF LABOR PROTECTION AND WELFARE ANNOUNCEMENT REGARDING STANDARDS, METHODS FOR MEASUREMENT AND ANALYSIS OF WORKING CONDITIONS RELATED TO HEAT LEVELS, LIGHTING, OR NOISE, INCLUDING DURATION AND TYPES OF ACTIVITIES REQUIRED, DATED FEBRUARY 8, B.E. 2561 (2018).

** THE MINISTERIAL REGULATION (MINISTRY OF LABOR) ON ESTABLISHING STANDARDS FOR MANAGEMENT AND IMPLEMENTATION OF OCCUPATIONAL SAFETY, HEALTH, AND ENVIRONMENTAL CONDITIONS RELATED TO HEAT, LIGHTING AND NOISE, DATED OCTOBER 7, B.E. 2559 (2016).

** THE MINISTRY OF INDUSTRY ANNOUNCEMENT REGARDING SAFETY PROTECTION MEASURES FOR INDUSTRIAL OPERATIONS RELATED TO WORKING ENVIRONMENTAL CONDITIONS, DATED NOVEMBER 6, B.E. 2546 (2003).

Nattawat

(MR NATTAWAT DANGSAWAT)
LABORATORY SUPERVISOR



ANALYSIS REPORT

CUSTOMER NAME : GLOBAL POWER SYNERGY PUBLIC COMPANY LIMITED
ADDRESS : 42/3 MOO 1, SUKHUMVIT ROAD KM. 124 THUNG SUKHLA SI RACHA CHON BURI 20230
CONTACT INFORMATION : TEL : 08 5314 3115 e-mail : kingkarn.kh@gpscgroup.com
MEASURING PLACE : GLOBAL POWER SYNERGY PUBLIC COMPANY LIMITED
MEASURING TYPE : WORKPLACE (NOISE DOSE)
MEASURING DATE : MARCH 27, 2025
MEASURING TIME : *
MEASURING EQUIPMENT : NOISE DOSE METER**
MEASURED BY : MR KHWANCHAI PHONTHUK

RECEIVED DATE : MARCH 27, 2025
ANALYTICAL DATE : MARCH 27, 2025
ISSUE DATE : APRIL 3, 2025
REPORT NO. : 2025-U028647
WORK NO. : 2025-000394
ANALYSIS NO. : T25AG905-0003 - T25AG905-0004

ANALYSIS NO.	MEASURING SITE	TIME* (HOUR)	RESULT			
			LAVG ^a _{12 HOUR} (dB(A))	TWA ^a _{8 HOUR} (dB(A))	L _{Amax} (dB(A)) ^c	DOSE (%) ^c
T25AG905-0003	บริเวณ F1 ช่วงเช้า (คนนำพดล [REDACTED])	07:10-19:10	80.6	82.4	110.8	55.0
T25AG905-0004	บริเวณ F2 ช่วงเช้า (คนอดิศักดิ์ [REDACTED])	07:12-19:12	78.9	80.7	107.3	36.9

a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARD INSTITUTE (TISI)

c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

** DEPARTMENT OF LABOR PROTECTION AND WELFARE ANNOUNCEMENT REGARDING STANDARDS, METHODS FOR MEASUREMENT AND ANALYSIS OF WORKING CONDITIONS RELATED TO HEAT LEVELS, LIGHTING, OR NOISE, INCLUDING DURATION AND TYPES OF ACTIVITIES REQUIRED, DATED FEBRUARY 8, B.E. 2561 (2018).

** THE MINISTERIAL REGULATION (MINISTRY OF LABOR) ON ESTABLISHING STANDARDS FOR MANAGEMENT AND IMPLEMENTATION OF OCCUPATIONAL SAFETY, HEALTH, AND ENVIRONMENTAL CONDITIONS RELATED TO HEAT, LIGHTING AND NOISE, DATED OCTOBER 7, B.E. 2559 (2016).

** THE MINISTRY OF INDUSTRY ANNOUNCEMENT REGARDING SAFETY PROTECTION MEASURES FOR INDUSTRIAL OPERATIONS RELATED TO WORKING ENVIRONMENTAL CONDITIONS, DATED NOVEMBER 6, B.E. 2546 (2003).

Nattawat

(MR NATTAWAT DANGSAWAT)
LABORATORY SUPERVISOR



ภาคผนวก ก-8

ผลการติดตามตรวจสอบคุณภาพอากาศในสถานประกอบการ

ANALYSIS REPORT

CUSTOMER NAME : GLOBAL POWER SYNERGY PUBLIC COMPANY LIMITED
ADDRESS : 42/3 MOO 1, SUKHUMVIT ROAD KM. 124 THUNG SUKHLA SI RACHA CHON BURI 20230
CONTACT INFORMATION : TEL : 08 5314 3115 e-mail : kingkarn.kh@gpscgroup.com
SAMPLING SOURCE : COOLING TOWER
SAMPLE TYPE : WORKPLACE
SAMPLING DATE : MARCH 27, 2025
SAMPLING TIME : 08:25-09:55 HOUR
SAMPLING BY : MR KHWANCHAI PHONTHUK
ANALYZED BY : MISS SUWAN KONGTHONG

RECEIVED DATE : MARCH 31, 2025
ANALYTICAL DATE : MARCH 31 - APRIL 3, 2025
ISSUE DATE : APRIL 16, 2025
REPORT NO. : 2025-U031424
WORK NO. : 2025-000394
ANALYSIS NO. : T25AG899-0005

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT
			COOLING TOWER T25AG899-0005
SODIUM HYPOCHLORITE	mg/m ³	ION CHROMATOGRAPHIC (NIOSH METHOD 6011) AND CALCULATION METHOD	< 0.001
SAMPLE CONDITION			COMPLETE

REMARK

RESULT : REFERENCE CONDITION IS 25 DEGREE CELSIUS AT 1 ATMOSPHERE.

Budsakorn ✓

(MISS BUDSAKORN LERDPANUMAS)
LABORATORY SUPERVISOR



ANALYSIS REPORT

CUSTOMER NAME : GLOBAL POWER SYNERGY PUBLIC COMPANY LIMITED
ADDRESS : 42/3 MOO 1, SUKHUMVIT ROAD KM. 124 THUNG SUKHLA SI RACHA CHON BURI 20230
CONTACT INFORMATION : TEL : 08 5314 3115 e-mail : kingkarn.kh@gpscgroup.com
SAMPLING SOURCE : COOLING TOWER
SAMPLE TYPE : WORKPLACE
SAMPLING DATE : MARCH 27, 2025
SAMPLING TIME : 08:25-16:25 HOUR
SAMPLING BY : MR KHWANCHAI PHONTHUK
ANALYZED BY : MISS JETJARIN TUMSA-AT

RECEIVED DATE : MARCH 31, 2025
ANALYTICAL DATE : MARCH 31 - APRIL 11, 2025
ISSUE DATE : APRIL 16, 2025
REPORT NO. : 2025-U031425
WORK NO. : 2025-000394
ANALYSIS NO. : T25AG899-0006

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT
			COOLING TOWER T25AG899-0006
TOTAL DUST	mg/m ³	NIOSH MANUAL OF ANALYTICAL METHOD (NMAM), METHOD 0500, FOURTH EDITION, 15th AUG, 1994	< 0.060
SAMPLE CONDITION			COMPLETE

REMARK

RESULT : REFERENCE CONDITION IS 25 DEGREE CELSIUS AT 1 ATMOSPHERE.

Budsakorn ✓

(MISS BUDSAKORN LERDPANUMAS)
LABORATORY SUPERVISOR



ANALYSIS REPORT

CUSTOMER NAME	: GLOBAL POWER SYNERGY PUBLIC COMPANY LIMITED	RECEIVED DATE	: MARCH 31, 2025
ADDRESS	: 42/3 MOO 1, SUKHUMVIT ROAD KM. 124 THUNG SUKHLA SI RACHA CHON BURI 20230	ANALYTICAL DATE	: MARCH 31 - APRIL 4, 2025
CONTACT INFORMATION	: TEL : 08 5314 3115 e-mail : kingkarn.kh@gpscgroup.com	ISSUE DATE	: APRIL 16, 2025
SAMPLING SOURCE	: DEMIN BUILDING	REPORT NO.	: 2025-U031420
SAMPLE TYPE	: WORKPLACE	WORK NO.	: 2025-000394
SAMPLING DATE	: MARCH 27, 2025	ANALYSIS NO.	: T25AG899-0001
SAMPLING TIME	: 08:28-16:28 HOUR		
SAMPLING BY	: MR KHWANCHAI PHONTHUK		
ANALYZED BY	: MISS JETJARIN TUMSA-AT		

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT
			DEMIN BUILDING T25AG899-0001
SODIUM HYDROXIDE	mg/m ³	TITRATION METHOD (NIOSH METHOD 7401)	< 0.04
SULPHURIC ACID	mg/m ³	SORBENT ADSORPTION, ION CHROMATOGRAPHIC METHOD (OSHA METHOD ID 165 SG)	< 0.003
SAMPLE CONDITION			COMPLETE

REMARK

RESULT : REFERENCE CONDITION IS 25 DEGREE CELSIUS AT 1 ATMOSPHERE.

Budsakorn ✓

(MISS BUDSAKORN LERDPANUMAS)
LABORATORY SUPERVISOR



ANALYSIS REPORT

CUSTOMER NAME : GLOBAL POWER SYNERGY PUBLIC COMPANY LIMITED
ADDRESS : 42/3 MOO 1, SUKHUMVIT ROAD KM. 124 THUNG SUKHLA SI RACHA CHON BURI 20230
CONTACT INFORMATION : TEL : 08 5314 3115 e-mail : kingkarn.kh@gpscgroup.com
SAMPLING SOURCE : DEMIN BUILDING
SAMPLE TYPE : WORKPLACE
SAMPLING DATE : MARCH 27, 2025
SAMPLING TIME : 08:28-16:28 HOUR
SAMPLING BY : MR KHWANCHAI PHONTHUK
ANALYZED BY : MISS JETJARIN TUMSA-AT

RECEIVED DATE : MARCH 31, 2025
ANALYTICAL DATE : MARCH 31 - APRIL 11, 2025
ISSUE DATE : APRIL 16, 2025
REPORT NO. : 2025-U031421
WORK NO. : 2025-000394
ANALYSIS NO. : T25AG899-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT
			DEMIN BUILDING T25AG899-0002
TOTAL DUST	mg/m ³	NIOSH MANUAL OF ANALYTICAL METHOD (NMAM), METHOD 0500, FOURTH EDITION, 15th AUG, 1994	< 0.060
SAMPLE CONDITION			COMPLETE

REMARK
RESULT : REFERENCE CONDITION IS 25 DEGREE CELSIUS AT 1 ATMOSPHERE.

Budsakorn ✓

(MISS BUDSAKORN LERDPANUMAS)
LABORATORY SUPERVISOR



ANALYSIS REPORT

CUSTOMER NAME : GLOBAL POWER SYNERGY PUBLIC COMPANY LIMITED
ADDRESS : 42/3 MOO 1, SUKHUMVIT ROAD KM. 124 THUNG SUKHLA SI RACHA CHON BURI 20230
CONTACT INFORMATION : TEL : 08 5314 3115 e-mail : kingkarn.kh@gpscgroup.com
SAMPLING SOURCE : NEUTRALIZATION SUMP
SAMPLE TYPE : WORKPLACE
SAMPLING DATE : MARCH 27, 2025
SAMPLING TIME : 08:32-16:32 HOUR
SAMPLING BY : MR KHWANCHAI PHONTHUK
ANALYZED BY : MISS JETJARIN TUMSA-AT

RECEIVED DATE : MARCH 31, 2025
ANALYTICAL DATE : MARCH 31 - APRIL 4, 2025
ISSUE DATE : APRIL 16, 2025
REPORT NO. : 2025-U031422
WORK NO. : 2025-000394
ANALYSIS NO. : T25AG899-0003

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT
			NEUTRALIZATION SUMP T25AG899-0003
SODIUM HYDROXIDE	mg/m ³	TITRATION METHOD (NIOSH METHOD 7401)	< 0.04
SULPHURIC ACID	mg/m ³	SORBENT ADSORPTION, ION CHROMATOGRAPHIC METHOD (OSHA METHOD ID 165 SG)	< 0.003
SAMPLE CONDITION			COMPLETE

REMARK

RESULT : REFERENCE CONDITION IS 25 DEGREE CELSIUS AT 1 ATMOSPHERE.

Budsakorn ✓

(MISS BUDSAKORN LERDPANUMAS)
LABORATORY SUPERVISOR



ANALYSIS REPORT

CUSTOMER NAME : GLOBAL POWER SYNERGY PUBLIC COMPANY LIMITED
ADDRESS : 42/3 MOO 1, SUKHUMVIT ROAD KM. 124 THUNG SUKHLA SI RACHA CHON BURI 20230
CONTACT INFORMATION : TEL : 08 5314 3115 e-mail : kingkarn.kh@gpscgroup.com
SAMPLING SOURCE : NEUTRALIZATION SUMP
SAMPLE TYPE : WORKPLACE
SAMPLING DATE : MARCH 27, 2025
SAMPLING TIME : 08:32-16:32 HOUR
SAMPLING BY : MR KHWANCHAI PHONTHUK
ANALYZED BY : MISS JETJARIN TUMSA-AT

RECEIVED DATE : MARCH 31, 2025
ANALYTICAL DATE : MARCH 31 - APRIL 11, 2025
ISSUE DATE : APRIL 16, 2025
REPORT NO. : 2025-U031423
WORK NO. : 2025-000394
ANALYSIS NO. : T25AG899-0004

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT
			NEUTRALIZATION SUMP T25AG899-0004
TOTAL DUST	mg/m ³	NIOSH MANUAL OF ANALYTICAL METHOD (NMAM), METHOD 0500, FOURTH EDITION, 15th AUG, 1994	< 0.060
SAMPLE CONDITION			COMPLETE

REMARK

RESULT : REFERENCE CONDITION IS 25 DEGREE CELSIUS AT 1 ATMOSPHERE.

Budsakorn ✓

(MISS BUDSAKORN LERDPANUMAS)
LABORATORY SUPERVISOR



ANALYSIS REPORT

CUSTOMER NAME : GLOBAL POWER SYNERGY PUBLIC COMPANY LIMITED
ADDRESS : 42/3 MOO 1, SUKHUMVIT ROAD KM. 124 THUNG SUKHLA SI RACHA CHON BURI 20230
CONTACT INFORMATION : TEL : 08 5314 3115 e-mail : kingkarn.kh@gpscgroup.com
MEASURING PLACE : GLOBAL POWER SYNERGY PUBLIC COMPANY LIMITED
MEASURING TYPE : WORKPLACE (AIR) **RECEIVED DATE** : MARCH 27, 2025
MEASURING DATE : MARCH 27, 2025 **ANALYTICAL DATE** : MARCH 27, 2025
MEASURING TIME : * **ISSUE DATE** : APRIL 3, 2025
MEASURING EQUIPMENT : THC ANALYZER **REPORT NO.** : 2025-U028636
SAMPLING BY : MR KHWANCHAI PHONTHUK **WORK NO.** : 2025-000394
ANALYZED BY : MR KHWANCHAI PHONTHUK **ANALYSIS NO.** : T25AG899-0007 - T25AG899-0008

ANALYSIS NO.	MEASURING SITE	TIME*	RESULT (ppm)
			TOTAL HYDROCARBONS
T25AG899-0007	PROPANE TANK	08:37-16:37 HOUR	2.97
T25AG899-0008	NG GAS SEPARATOR OF GT-11	08:18-16:18 HOUR	2.52



(MR NATTAWAT DANGSAWAT)
LABORATORY SUPERVISOR



ภาคผนวก ก-9

ผลการติดตามตรวจสอบความร้อนในสถานประกอบการ

ANALYSIS REPORT

CUSTOMER NAME : GLOBAL POWER SYNERGY PUBLIC COMPANY LIMITED
ADDRESS : 42/3 MOO 1, SUKHUMVIT ROAD KM. 124 THUNG SUKHLA SI RACHA CHON BURI 20230
CONTACT INFORMATION : TEL : 08 5314 3115 e-mail : kingkarn.kh@gpscgroup.com
MEASURING PLACE : GLOBAL POWER SYNERGY PUBLIC COMPANY LIMITED
MEASURING TYPE : WORKPLACE (HEAT STRESS) **RECEIVED DATE** : MARCH 26, 2025
MEASURING DATE : MARCH 26, 2025 **ANALYTICAL DATE** : MARCH 26, 2025
MEASURING TIME : * **ISSUE DATE** : APRIL 3, 2025
MEASURING EQUIPMENT : WET BULB GLOBE TEMPERATURE** **REPORT NO.** : 2025-U028638
MEASURED BY : MR KHWANCHAI PHONTHUK **WORK NO.** : 2025-000394
ANALYSIS NO. : T25AG901-0001 - T25AG901-0007

ANALYSIS NO.	MEASURING SITE	DURATION TIME*	RESULT (DEGREE CELSIUS)				
			NWB	DB	GT	WBGT	WBGT _{AVG}
T25AG901-0001	STEAM LINE HRSG 1 (คุณพดล [REDACTED])	10:10 - 11:30 HOUR	27.6	31.5	39.5	31.1	27.4
		11:30 - 12:10 HOUR	18.4	22.2	23.4	19.9	
T25AG901-0002	STEAM LINE HRSG 2 (คุณกัมเฐร์ [REDACTED])	10:15 - 11:35 HOUR	27.0	31.3	39.0	30.6	27.0
		11:35 - 12:15 HOUR	18.3	22.0	23.2	19.7	
T25AG901-0003	COMBUSTION TURBINE 1 (คุณพสุธา [REDACTED])	10:05 - 11:25 HOUR	28.6	33.2	41.1	32.4	28.1
		11:25 - 12:05 HOUR	18.1	21.9	23.2	19.6	
T25AG901-0004	COMBUSTION TURBINE 2 (คุณจาตุรนต์ [REDACTED])	13:15 - 14:35 HOUR	28.2	33.0	41.1	32.0	28.0
		14:35 - 15:15 HOUR	18.4	22.0	23.2	19.8	
T25AG901-0005	BOILER 1 (คุณพลวัฒน์ [REDACTED])	13:00 - 14:20 HOUR	28.5	36.4	43.7	33.0	28.7
		14:20 - 15:00 HOUR	18.5	22.2	23.5	20.0	
T25AG901-0006	BOILER 2 (คุณเอ็ดดิสกิต [REDACTED])	13:10 - 14:30 HOUR	28.4	33.7	41.2	32.2	28.1
		14:30 - 15:10 HOUR	18.2	22.1	23.4	19.8	
T25AG901-0007	STEAM TURBINE (คุณมานพ [REDACTED])	10:00 - 11:20 HOUR	28.7	34.0	41.3	32.4	28.2
		11:20 - 12:00 HOUR	18.2	22.1	23.2	19.7	

** DEPARTMENT OF LABOR PROTECTION AND WELFARE ANNOUNCEMENT REGARDING STANDARDS, METHODS FOR MEASUREMENT AND ANALYSIS OF WORKING CONDITIONS RELATED TO HEAT LEVELS, LIGHTING, OR NOISE, INCLUDING DURATION AND TYPES OF ACTIVITIES REQUIRED, DATED FEBRUARY 8, B.E. 2561 (2018).

** THE MINISTERIAL REGULATION (MINISTRY OF LABOR) ON ESTABLISHING STANDARDS FOR MANAGEMENT AND IMPLEMENTATION OF OCCUPATIONAL SAFETY, HEALTH, AND ENVIRONMENTAL CONDITIONS RELATED TO HEAT, LIGHTING AND NOISE, DATED OCTOBER 7, B.E. 2559 (2016).

** THE MINISTRY OF INDUSTRY ANNOUNCEMENT REGARDING SAFETY PROTECTION MEASURES FOR INDUSTRIAL OPERATIONS RELATED TO WORKING ENVIRONMENTAL CONDITIONS, DATED NOVEMBER 6, B.E. 2546 (2003).

Nattawat

(MR NATTAWAT DANGSAWAT)
LABORATORY SUPERVISOR

