

ภาคผนวก ค  
รายงานผลการติดตามตรวจสอบคุณภาพสิ่งแวดล้อม

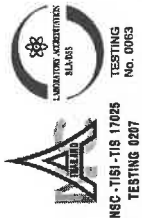


รายงานผลการติดตามตรวจสอบคุณภาพสิ่งแวดล้อม  
ระยะดำเนินการ



รายงานผลการติดตามตรวจสอบคุณภาพน้ำทิ้ง  
เดือนมกราคม พ.ศ. 2568





United Analyst and Engineering Consultant Co., Ltd.  
3 Soi Udomsak 41, Sukhumvit Road, Bangkok, Phrakhanong, Bangkok 10260  
Tel: 02-2763 2828 Fax: 02-2763 2800 www.uaeconsultant.com E-mail: uaec@uaeconsultant.com

TESTING  
No. 0063  
TESTING 0207

## ANALYSIS REPORT

**CUSTOMER NAME** : ENERGY COMPLEX COMPANY LIMITED  
**ADDRESS** : 555/1 VIBHAVADI-RANGSIT ROAD CHATUCHAK BANGKOK 10900  
**CONTACT INFORMATION** : TEL : 063 997 9715 e-mail : gshie.ency@ency.com  
**SAMPLING SOURCE** : บริษัท อีnergy คอมเพล็กซ์ จำกัด  
**SAMPLE TYPE** : WASTEWATER  
**SAMPLING DATE** : JANUARY 17, 2025  
**SAMPLING TIME** : 17  
**SAMPLING METHOD** : GRAB  
**SAMPLING BY** : MR. SETHAWUT EMKIMBIA  
**ANALYZED BY** : MISS NAPPORN KHUNNOKKHAM

**RECEIVED DATE** : JANUARY 18, 2025  
**ANALYTICAL DATE** : JANUARY 18-23, 2025  
**ISSUE DATE** : JANUARY 29, 2025  
**REPORT NO.** : 2025-U006888  
**WORK NO.** : 2024-010117  
**ANALYSIS NO.** : T25A8076-0001, T25A8076-0005

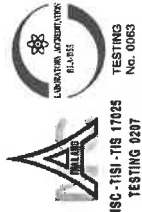
PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		DETECTION LIMIT	LIMIT OF QUANTIFICATION (LOQ)
			1 10-20 HOUR / T25A8076-0001	2 10-15 HOUR / T25A8076-0005		
pH <sup>a</sup>	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H <sup>+</sup> B AND 1090 B	8.0 (28.1°C)	8.1 (28.5°C)	-	-
BIOCHEMICAL OXYGEN DEMAND <sup>c</sup>	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-CO G)	78.2	9.5	≤ 40	20
TOTAL SUSPENDED SOLIDS <sup>a</sup>	mg/L	TOTAL SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	419	29.5	≤ 50	5.0
TOTAL DISSOLVED SOLIDS <sup>b</sup>	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	413	413	≤ 1300	25
SETTLABLE SOLIDS <sup>c</sup>	mL/L	IMHOFF CONE (SM: PART 2540 F)	0.2	< 0.1	-	0.1
SULPHIDE <sup>b</sup>	mg/L	IODOMETRIC METHOD (SM: PART 4500-S <sup>2-</sup> F)	< 0.50	< 0.50	≤ 10	0.50
TOTAL KJELDAHL NITROGEN <sup>b</sup>	mg/L	IN-HOUSE METHOD: UAETP-WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	33.5	21.5	≤ 40	1.5

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BY ISI GROUP (THAILAND) CO., LTD.



United Analyst and Engineering Consultant Co., Ltd.  
3 Soi Udomsak 41, Sukhumvit Road, Bangkok, Phrakhanong, Bangkok 10260  
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TESTING  
No. 0063  
TESTING 0207

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		DETECTION LIMIT	LIMIT OF QUANTIFICATION (LOQ)
			1 10-20 HOUR / T25A8076-0001	2 10-15 HOUR / T25A8076-0005		
OIL AND GREASE <sup>a</sup>	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	< 3	< 3	≤ 20	3
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			YELLOW/TURBID BROWN	YELLOW/TURBID BROWN		

<sup>a</sup> : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)  
<sup>b</sup> : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)  
<sup>c</sup> : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

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

RESULT 1 : INFLUENT

RESULT 2 : EFFLUENT

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS C, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL. 141, PART 233 D, DATED AUGUST 27, 2024.

BIOCHEMICAL OXYGEN DEMAND (T25A8076-0005): ADDITION OF NITRIFICATION INHIBITION (ICOMP) FOLLOW TO THE SM: 5210.5(f).



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2025-U006888

- End of Analysis Report -



## ANALYSIS REPORT

**CUSTOMER NAME** : ENERGY COMPLEX COMPANY LIMITED  
**ADDRESS** : 555/1 VIBHAVADI-RANGSIT ROAD CHATUCHAK BANGKOK 10900  
**CONTACT INFORMATION** : TEL : 063 997 9715 e-mail : q@e-energy@energy.com  
**SAMPLING SOURCE** : บริษัท 8 อเนก จำกัด จว. ระยอง อ.บ้านค่าย  
**SAMPLE TYPE** : WASTEWATER  
**SAMPLING DATE** : JANUARY 17, 2025  
**SAMPLING TIME** : 1/  
**SAMPLING METHOD** : GRAB  
**SAMPLING BY** : MR. SETHAWUT ENKLINBUA  
**ANALYZED BY** : MISS NAPAPORN KHUNNOKHUM

**RECEIVED DATE** : JANUARY 18, 2025  
**ANALYTICAL DATE** : JANUARY 18-23, 2025  
**ISSUE DATE** : JANUARY 23, 2025  
**REPORT NO.** : 2025-U006890  
**WORK NO.** : 2024-010117  
**ANALYSIS NO.** : T25AB076-0002, T25AB076-0006

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTIFICATION (LOQ)
			1 10-30 HOUR / T25AB076-0002	2 10-25 HOUR / T25AB076-0006			
pH <sup>a</sup>	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H <sup>+</sup> B AND 1050 B	7.6 (27.5°C)	7.9 (27.4°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND <sup>a</sup>	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	158	6.1	≤ 40	-	2.0
TOTAL SUSPENDED SOLIDS <sup>a</sup>	mg/L	TOTAL SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	48.5	< 5.0	≤ 50	-	5.0
TOTAL DISSOLVED SOLIDS <sup>b</sup>	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	383	505	≤ 1,300	-	25
SETTLABLE SOLIDS <sup>a</sup>	ml/L	IMHOFF CONE (SM: PART 2540 F)	< 0.1	< 0.1	-	0.1	-
SULPHIDE <sup>b</sup>	mg/L	IODOMETRIC METHOD (SM: PART 4500-S <sup>2</sup> F)	22	< 0.50	≤ 1.0	-	0.50
TOTAL KJELDAHL NITROGEN <sup>b</sup>	mg/L	IN-HOUSE METHOD: UAE TP: WAS.001(KJELDAHL METHOD); SM: PART 4500-Norg C	60.5	< 5.0	≤ 40	1.5	5.0

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## ANALYSIS REPORT

**CUSTOMER NAME** : ENERGY COMPLEX COMPANY LIMITED  
**ADDRESS** : 555/1 VIBHAVADI-RANGSIT ROAD CHATUCHAK BANGKOK 10900  
**CONTACT INFORMATION** : TEL : 063 997 9715 e-mail : q@e-energy@energy.com  
**SAMPLING SOURCE** : บริษัท 8 อเนก จำกัด จว. ระยอง อ.บ้านค่าย  
**SAMPLE TYPE** : WASTEWATER  
**SAMPLING DATE** : JANUARY 17, 2025  
**SAMPLING TIME** : 1/  
**SAMPLING METHOD** : GRAB  
**SAMPLING BY** : MR. SETHAWUT ENKLINBUA  
**ANALYZED BY** : MISS NAPAPORN KHUNNOKHUM

**RECEIVED DATE** : JANUARY 18, 2025  
**ANALYTICAL DATE** : JANUARY 18-23, 2025  
**ISSUE DATE** : JANUARY 23, 2025  
**REPORT NO.** : 2025-U006890  
**WORK NO.** : 2024-010117  
**ANALYSIS NO.** : T25AB076-0002, T25AB076-0006

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTIFICATION (LOQ)
			1 10-30 HOUR / T25AB076-0002	2 10-25 HOUR / T25AB076-0006			
OIL AND GREASE <sup>a</sup>	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	15	< 3	≤ 20	-	3
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			YELLOW/TURBID BROWN	YELLOW/TURBID BROWN			

<sup>a</sup> : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)  
<sup>b</sup> : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)  
<sup>c</sup> : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED  
SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24<sup>th</sup> EDITION, 2023.  
RESULT 1 : INFLUENT  
RESULT 2 : EFFLUENT  
REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS C, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL. 141, PART 233 D, DATED AUGUST 27, 2024.  
BIOCHEMICAL OXYGEN DEMAND (T25AB076-0006) : ADDITION OF NITRIFICATION INHIBITION (TCMP) FOLLOW TO THE SM-5210B5(a).

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## ANALYSIS REPORT

CUSTOMER NAME	: ENERGY COMPLEX COMPANY LIMITED
ADDRESS	: 553/4 VIBHAVADIRANGSIT ROAD CHATLUCHAK BANGKOK 10900
CONTACT INFORMATION	: TEL : 083 997 9715 e-mail : <a href="mailto:gshe.encomy@encomy.com">gshe.encomy@encomy.com</a>
SAMPLING SOURCE	: <i>air from the fluid line, station 30m from the</i>
SAMPLE TYPE	: WASTEWATER
SAMPLING DATE	: JANUARY 17, 2025
SAMPLING TIME	: 1/
SAMPLING METHOD	: GRAB
SAMPLED BY	: MR. SETTHAWIT EKKLINBUJA
ANALYZED BY	: MISS NAPAPORN KUNHOKKHAM
ANALYSTS NO.	

RECEIVED DATE	: JANUARY 18, 2025
ANALYTICAL DATE	: JANUARY 18-23, 2025
ISSUE DATE	: JANUARY 29, 2025
REPORT NO.	: 2025-U006891
WORK NO.	: 2024-010117
ANALYSTS NO.	: TJSABR176-0003 TJSAB

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTIFICATION (LOQ)
			1	2			
pH <sup>a</sup>	-	ELECTROMETRIC METHOD (AT SITE) (SM: PART 4500-H <sup>+</sup> B AND 1000 B)	10:35 HOUR 1/1 12348076-0043	7.4 (28.5°C)	5.5-9.0	-	-
BIO-CHEMICAL OXYGEN DEMAND <sup>c</sup>	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O <sub>2</sub> C)	65.8	3.8	≤ 40	-	2.0
TOTAL SUSPENDED SOLIDS <sup>a</sup>	mg/L	TOTAL SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	37.3	< 5.0	≤ 50	-	5.0
TOTAL DISSOLVED SOLIDS <sup>b</sup>	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	496	670	≤ 1300	-	25
SETTLABLE SOLIDS <sup>c</sup>	mL/L	IMHOFF CONE (SM: PART 2540 F)	< 0.1	< 0.1	-	0.1	-
SULPHIDE <sup>b</sup>	mg/L	IODOMETRIC METHOD (SM: PART 4500-S <sup>2-</sup> F)	0.85	< 0.50	≤ 1.0	-	0.50
TOTAL KJELDAHL NITROGEN <sup>b</sup>	mg/L	IN-HOUSE METHOD: UAE-TP WAS-001 (KJELDAHL METHOD); SM: PART 4500-N <sub>org</sub> C	83.9	< 5.0	≤ 40	1.5	5.0

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PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTIFICATION (LOQ)
OIL AND GREASE *	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM. PART 5620 B)	1 30-40 HOUR 1/	≤ 20	-	3
			2 10-35 HOUR 1/			
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			6 TSS480/6-0003	≤ 20	-	3
			< 3			
			YELLOW/TURBID			
			BROWN			
			YELLOW/TURBID			
			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. 24<sup>th</sup> EDITION. 2023

RESULT 1 : INFLUENT

RESULT 2 : EFFLUENT

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS C, NOTIFICATION OF THE  
MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 41,  
PART 233 D, DATED AUGUST 27, 2024.

PART 233 D, DATED AUGUST 27 2024.

BIOCHEMICAL OXYGEN DEMAND (T25AB076-0007) : ADDITION OF NITRIFICATION INHIBITION (TCMP) FOLLOW TO THE SM: 5210B.5(e).

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2025-UN06891

**- End of Analysis Report -**

## ANALYSIS REPORT

CUSTOMER NAME : ENERGY COMPLEX COMPANY LIMITED  
ADDRESS : 553/1 VIBHAVADI-RANGSI ROAD CHATUCHAK BANGKOK 10900  
CONTACT INFORMATION : TEL : 063 97 97 911 e-mail : qsthe.encompy@encompy.com  
SAMPLING SOURCE : จันทน์ ดินดำ ทุ่งใหญ่, จังหวัด สงขลา  
SAMPLE TYPE : WASTEWATER  
SAMPLING DATE : JANUARY 17, 2025  
SAMPLING TIME : 17  
SAMPLING METHOD : GRAB  
SAMPLING BY : MR. SETHAWUT EKKILNUBA  
ANALYZED BY : MISS NAPAPOKI KUNNOKKHUM

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTIFICATION (LOQ)
			1	2			
pH <sup>a</sup>	-	ELECTROMETRIC METHOD (AT SITE) (SM: PART 4500-11 B AND 1000 B)	18-50 HOUR 1/ TSS48076-0004	30-45 HOUR 1/ TSS48076-0008	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND <sup>c</sup>	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	172	6.3	≤ 40	-	2.0
TOTAL SUSPENDED SOLIDS <sup>a</sup>	mg/L	TOTAL SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	54.8	12.2	≤ 50	-	5.0
TOTAL DISSOLVED SOLIDS <sup>b</sup>	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	525	543	≤ 1300	-	25
SETTLABLE SOLIDS <sup>c</sup>	mL/L	IMHOFF CONE (SM: PART 2540 F)	< 0.1	≤ 0.1	-	0.1	-
SULPHIDE <sup>b</sup>	mg/L	IODOMETRIC METHOD (SM: PART 4500-S <sup>2</sup> -F)	2.0	< 0.50	≤ 10	-	0.50
TOTAL KIELDAHL NITROGEN <sup>b</sup>	mg/L	IN-HOUSE METHOD: UAE-TP-WAS-001(KIELDAHL METHOD: SM: PART 4500-N <sup>2</sup> -N <sup>2</sup> -C)	75.8	14.7	≤ 40	1.5	5.0

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PARAMETER	UNIT	METHOD OF ANALYSIS
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SAMPLE CONDITION		1	2	(LOQ)
WATER'S COLOUR/TURBID SEDIMENT		10-50 HOUR / T25A8076-0004	30-45 HOUR / T25A8076-0008	
OIL AND GREASE "	mg/L	10	< 3	3

• ISO/IEC 17025 ACCREDITED BY THE INDUSTRIAL STANDARDS INSTITUTE

• ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

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

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

RESULT 1 : INFLUENT

RESULT 2 : EFFLUENT

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS C, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 141, PART 233 D, DATED AUGUST 27, 2024.

BIOCHEMICAL OXYGEN DEMAND (T25AB078-0008) : ADDITION OF NITRIFICATION INHIBITION (TCMP) FOLLOW TO THE SM; 52108.5(e).

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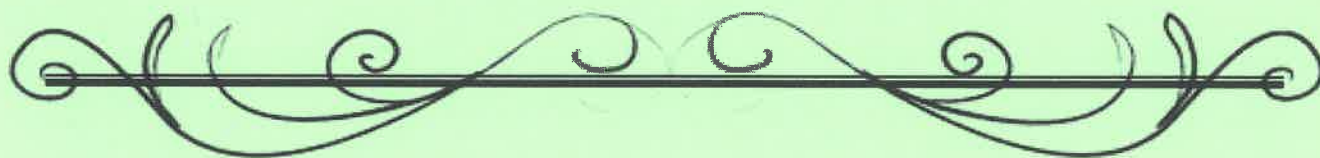
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2025-11006894

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เดือนกุมภาพันธ์ พ.ศ. 2568



## ANALYSIS REPORT

CUSTOMER NAME	: ENERGY COMPLEX COMPANY LIMITED
ADDRESS	: 55/51 VIBHAVADI-RANGSIT ROAD CHATUCHAK BANGKOK 10900
CONTACT INFORMATION	: TEL : 063 997 9715 e-mail : gsehe.encomy@encomy.com
SAMPLING SOURCE	: แหล่งน้ำดิบที่ตม. ชลบุรี จันทราสาร
SAMPLE TYPE	: WASTEWATER
SAMPLING DATE	: FEBRUARY 17, 2025
SAMPLING TIME	: 1/
SAMPLING METHOD	: GRAB
SAMPLING BY	: MR. SETHAWUT EMKLINBUA
ANALYZED BY	: MISS NAPAPORN KHUNNOKKHUM
ANALYSIS NO.	:
REPORT NO.	:
ISSUE DATE	:
ANALYTICAL DATE	:
RECEIVED DATE	:

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTIFICATION (LOQ)
			1	2			
pH <sup>a</sup>	-	ELECTROMETRIC METHOD (AT SITE) (SM: PART 4500-H B AND 1600 B)	1605 HOURS I/ 17540311-0001	1600 HOURS I/ 17540311-0005	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND <sup>a</sup>	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	316	9.3	≤ 40	-	2.0
TOTAL SUSPENDED SOLIDS <sup>a</sup>	mg/L	TOTAL SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	28.3	7.4	≤ 50	-	5.0
TOTAL DISSOLVED SOLIDS <sup>a</sup>	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 80 °C (SM: PART 2540 C)	459	514	≤ 1300	-	25
SETTLABLE SOLIDS <sup>c</sup>	mL/L	(IMHOFF CONE (SM: PART 2540 F)	0.1	< 0.1	-	0.1	-
SULPHIDE <sup>b</sup>	mg/L	IODOMETRIC METHOD (SM: PART 4500-S F)	< 0.50	< 0.50	≤ 10	-	0.50
TOTAL KJELDAHL NITROGEN <sup>b</sup>	mg/L	IN-HOUSE METHOD: UAE TP WAS.001 (KJELDAHL METHOD); SM: PART 4500-Nom C	52.3	< 5.0	≤ 40	15	5.0

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BY THE GROUP (THAILAND) CO., LTD.  
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 0341153 5/27/1008 CH

## ANALYSIS REPORT

CUSTOMER NAME	: ENERGY COMPLEX COMPANY LIMITED
ADDRESS	: 55/51 VIBHAVADI-RANGSIT ROAD CHATUCHAK BANGKOK 10900
CONTACT INFORMATION	: TEL : 063 997 9715 e-mail : gse.encomy@encomy.com
SAMPLING SOURCE	: แหล่งน้ำดิบที่ตม. ชลบุรี จันทราสาร
SAMPLE TYPE	: WASTEWATER
SAMPLING DATE	: FEBRUARY 17, 2025
SAMPLING TIME	: 1/
SAMPLING METHOD	: Grab
SAMPLING BY	: MR SETHAWUT EMKLINBUA
ANALYZED BY	: MISS NAPAPORN KHUNNOKKHUM
ANALYSIS NO.	:
REPORT NO.	:
ISSUE DATE	:
ANALYTICAL DATE	:
RECEIVED DATE	:

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTIFICATION (LOQ)
			1	2			
pH <sup>a</sup>	-	ELECTROMETRIC METHOD (AT SITE) (SM: PART 4500-H B AND 1600 B)	1605 HOURS I/ 17540311-0001	1600 HOURS I/ 17540311-0005	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND <sup>a</sup>	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	316	9.3	≤ 40	-	2.0
TOTAL SUSPENDED SOLIDS <sup>a</sup>	mg/L	TOTAL SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	28.3	7.4	≤ 50	-	5.0
TOTAL DISSOLVED SOLIDS <sup>a</sup>	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 80 °C (SM: PART 2540 C)	459	514	≤ 1300	-	25
SETTLABLE SOLIDS <sup>c</sup>	mL/L	(IMHOFF CONE (SM: PART 2540 F)	0.1	< 0.1	-	0.1	-
SULPHIDE <sup>b</sup>	mg/L	IODOMETRIC METHOD (SM: PART 4500-S F)	< 0.50	< 0.50	≤ 10	-	0.50
TOTAL KJELDAHL NITROGEN <sup>b</sup>	mg/L	IN-HOUSE METHOD: UAE TP WAS.001 (KJELDAHL METHOD); SM: PART 4500-Nom C	52.3	< 5.0	≤ 40	15	5.0

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• THIS ANALYSIS REPORT APPROVES ONLY FOR THE SAMPLES AS RECEIVED.

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BY THE GROUP (THAILAND) CO., LTD.  
 150-1400201007 CH  
 0341153 5/27/1008 CH

## ANALYSIS REPORT

**CUSTOMER NAME** : ENERGY COMPLEX COMPANY LIMITED  
**ADDRESS** : 555/1 VIBHAVADI-RANGSIT ROAD CHATUCHAK BANGKOK 10900  
**CONTACT INFORMATION** : TEL : 063 997 9715 e-mail : gshe.encomy@encomy.com  
**SAMPLING SOURCE** : WASTEWATER  
**SAMPLE TYPE** : WASTEWATER  
**SAMPLING DATE** : FEBRUARY 17, 2025  
**SAMPLING TIME** : 11/  
**SAMPLING METHOD** : GRAB  
**SAMPLED BY** : MR. SETHAWUT EMKINLUBA  
**ANALYZED BY** : MISS NAPAPORN KHUNNOKKHAM

**RECEIVED DATE** : FEBRUARY 17, 2025  
**ANALYTICAL DATE** : FEBRUARY 17-25, 2025  
**ISSUE DATE** : FEBRUARY 27, 2025  
**REPORT NO.** : 2025-U016/28  
**WORK NO.** : 2024-010117  
**ANALYSIS NO.** : T25AD311-0002, T25AD311-0005

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTIFICATION (LOQ)
			1 1015 HOUR 1/ T25AD311-0002	2 1010 HOUR 1/ T25AD311-0006			
pH <sup>a</sup>	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H <sup>+</sup> B AND 1080 B	7.1 (28.6°C)	6.8 (28.4°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND <sup>b</sup>	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O <sub>2</sub> C)	135	6.3	≤ 40	-	20
TOTAL SUSPENDED SOLIDS <sup>a</sup>	mg/L	TOTAL SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	28.4	< 5.0	≤ 50	-	5.0
TOTAL DISSOLVED SOLIDS <sup>a</sup>	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 80 °C (SM: PART 2540 C)	447	588	≤ 1300	-	25
SETTLABLE SOLIDS <sup>c</sup>	mL/L	IMHOFF CONE (SM: PART 2540 F)	< 0.1	< 0.1	-	0.1	-
SULPHIDE <sup>d</sup>	mg/L	IODOMETRIC METHOD (SM: PART 4500-S <sub>2</sub> -F)	1.3	< 0.50	≤ 1.0	-	0.50
TOTAL KJELDAHL NITROGEN <sup>e</sup>	mg/L	IN-HOUSE METHOD: UAE:TPWAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	55.8	5.1	≤ 40	1.5	5.0



PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTIFICATION (LOQ)
			1 1015 HOUR 1/ T25AD311-0002	2 1010 HOUR 1/ T25AD311-0006			
OIL AND GREASE <sup>a</sup>	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	7	< 3	≤ 20	-	3
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			YELLOW/TURBID BROWN	YELLOW/CLEAR BROWN			

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

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

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

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

RESULT 1 : INFLUENT

RESULT 2 : EFFLUENT

REGULATORY STANDARD : RANGE OF MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS C, NOTIFICATION OF THE

MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL. 41,

PART 233 D, DATED AUGUST 27, 2024.

**ANALYSIS REPORT**

**CUSTOMER NAME** : ENERGY COMPLEX COMPANY LIMITED  
**ADDRESS** : 555/1 VIBHAVADI-RANGSIT ROAD CHATUCHAK BANGKOK 10900  
**CONTACT INFORMATION** : TEL : 063 997 9715 e-mail : q@energy.com  
**SAMPLING SOURCE** : WATER  
**SAMPLE TYPE** : WASTEWATER  
**SAMPLING DATE** : FEBRUARY 17, 2025  
**SAMPLING TIME** : 17  
**SAMPLING METHOD** : GRAB  
**SAMPLING BY** : MR SETTHAWUT ENKLINBUA  
**ANALYZED BY** : MISS NAPAPORN KUINNOKKHUM

**RECEIVED DATE** : FEBRUARY 17, 2025  
**ANALYTICAL DATE** : FEBRUARY 17-25, 2025  
**ISSUE DATE** : FEBRUARY 27, 2025  
**REPORT NO.** : 2025-U016429  
**WORK NO.** : 2024-010117  
**ANALYSIS NO.** : T25AD311-0003, T25AD311-0007

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 10:30 HOUR / T25AD311-0003	2 10:25 HOUR / T25AD311-0007			
pH <sup>a</sup>	-	ELECTROMETRIC METHOD (AT SITE) (SM: PART 4500-H <sup>+</sup> B AND 1060 B)	7.8 (28.0°C)	6.2 (29.5°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND <sup>b</sup>	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O <sub>2</sub> G)	47.5	2.4	≤ 40	-	2.0
TOTAL SUSPENDED SOLIDS <sup>c</sup>	mg/L	TOTAL SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	28.5	≤ 5.0	≤ 50	-	5.0
TOTAL DISSOLVED SOLIDS <sup>d</sup>	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	507	724	≤ 1,300	-	25
SETTLABLE SOLIDS <sup>e</sup>	mL/L	IMHOFF CONE (SM: PART 2540 F)	≤ 0.1	≤ 0.1	-	0.1	-
SULPHIDE <sup>f</sup>	mg/L	IODOMETRIC METHOD (SM: PART 4500-S <sup>2-</sup> F)	≤ 0.50	≤ 0.50	≤ 10	-	0.50
TOTAL KJELDAHL NITROGEN <sup>g</sup>	mg/L	IN-HOUSE METHOD: KJELDAHL NITROGEN (SM: PART 4500-NH <sub>3</sub> C)	98.1	≤ 5.0	≤ 40	15	5.0

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 10:30 HOUR / T25AD311-0003	2 10:25 HOUR / T25AD311-0007			
OIL AND GREASE <sup>a</sup>	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	4	≤ 3	≤ 20	-	3
SAMPLE CONDITION							
WATER'S COLOUR/TURBID SEDIMENT			YELLOW/TURBID BROWN	YELLOW/CLEAR BROWN			

<sup>a</sup> : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)  
<sup>b</sup> : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)  
<sup>c</sup> : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION  
<sup>d</sup> : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24<sup>TH</sup> EDITION, 2023.  
<sup>e</sup> : RESULT 1 : INFLUENT  
RESULT 2 : EFFLUENT  
REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS C, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL. 141, PART 233 D, DATED AUGUST 27, 2024.



## ANALYSIS REPORT

**CUSTOMER NAME** : ENERGY COMPLEX COMPANY LIMITED  
**ADDRESS** : 555/1 VIBHAVADI-RANGSIT ROAD CHATUCHAK BANGKOK 10900  
**CONTACT INFORMATION** : TEL : 063 997 9715 e-mail : ghe-encony@encony.com  
**SAMPLING SOURCE** : อ่างน้ำ D สานักน้ำดิบ กรุงเทพมหานคร  
**SAMPLE TYPE** : WASTEWATER  
**SAMPLING DATE** : FEBRUARY 17, 2025  
**SAMPLING TIME** : 1/  
**SAMPLING METHOD** : GRAB  
**SAMPLING BY** : MR. SETHAWUT EMKINBLUA  
**ANALYZED BY** : MISS NARAPORN KHUNOKKHUM

**RECEIVED DATE** : FEBRUARY 17, 2025  
**ANALYTICAL DATE** : FEBRUARY 17-25, 2025  
**ISSUE DATE** : FEBRUARY 27, 2025  
**REPORT NO.** : 2025-U016430  
**WORK NO.** : 2024-010117  
**ANALYSIS NO.** : T25A0311-0004, T25A0311-0008

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTIFICATION (LOQ)
			1 16:40 HOUR 1/ T25A0311-0004	2 10:35 HOUR 2/ T25A0311-0008			
pH <sup>a</sup>	-	ELECTROMETRIC METHOD (AT SITE) SM. PART 4500-H <sup>+</sup> B AND 1080 B	7.3 (27.8°C)	6.9 (27.8°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND <sup>a</sup>	mg/L	MEMBRANE ELECTRODE METHOD (SM. PART 5210 B AND PART 4500-O <sub>2</sub> G)	27.1	2.0	≤ 40	-	2.0
TOTAL SUSPENDED SOLIDS <sup>a</sup>	mg/L	TOTAL SUSPENDED SOLIDS DRIED AT 103-105 °C (SM. PART 2540 D)	37.3	8.2	≤ 50	-	5.0
TOTAL DISSOLVED SOLIDS <sup>a</sup>	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM. PART 2540 C)	524	846	≤ 1300	-	25
SETTLABLE SOLIDS <sup>a</sup>	mL/L	IMHOFF CONE (SM. PART 2540 F)	0.1	< 0.1	-	0.1	-
SULPHIDE <sup>b</sup>	mg/L	IODOMETRIC METHOD (SM. PART 4500-S <sub>2</sub> -F)	< 0.50	< 0.50	≤ 1.0	-	0.50
TOTAL KJELDAHL NITROGEN <sup>b</sup>	mg/L	IN-HOUSE METHOD: UAE-TPWAS001 (KJELDAHL METHOD); SM. PART 4500-Norg C	49.8	< 5.0	≤ 40	1.5	5.0

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PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTIFICATION (LOQ)
			1 16:40 HOUR 1/ T25A0311-0004	2 10:35 HOUR 2/ T25A0311-0008			
OIL AND GREASE <sup>a</sup>	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM. PART 5520 B)	< 3	< 3	≤ 20	-	3
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			YELLOW/TURBID BROWN	YELLOW/CLEAR BROWN			

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

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

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

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

RESULT 1 : INFLUENT

RESULT 2 : EFFLUENT

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS C, NOTIFICATION OF THE

MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL. 41,

PART 233 D, DATED AUGUST 27, 2024.



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2025-U016430

- End of Analysis Report -



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เดือนมีนาคม พ.ศ. 2568



### ANALYSIS REPORT

**CUSTOMER NAME** : ENERGY COMPLEX COMPANY LIMITED  
**ADDRESS** : 555/1 VIBHAVADI-RANGSIT ROAD CHATUCHAK BANGKOK 10900  
**CONTACT INFORMATION** : TEL : 063 997 9715 e-mail : qshe.encony@encony.com  
**SAMPLING SOURCE** : บำบัดน้ำเสีย  
**SAMPLE TYPE** : WASTEWATER  
**SAMPLING DATE** : MARCH 17, 2025  
**SAMPLING TIME** : 1/  
**SAMPLING METHOD** : GRAB  
**SAMPLING BY** : MR. SETTHAWIT ENKLINJUA  
**ANALYZED BY** : MISS NAPAPORN KHUNNOKKHUM

**RECEIVED DATE** : MARCH 17, 2025  
**ANALYTICAL DATE** : MARCH 17-24, 2025  
**ISSUE DATE** : MARCH 28, 2025  
**REPORT NO.** : 2025-U026332  
**WORK NO.** : 2024-010117  
**ANALYSIS NO.** : T25AF700-0001, T25AF700-0005

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 09:52 HOUR 1/ T25AF700-0001	2 09:49 HOUR 1/ T25AF700-0005			
pH <sup>a</sup>	-	ELECTROMETRIC METHOD (AT SITE) SM PART 4500-H <sup>+</sup> B AND 10B B	7.2 (30.5°C)	7.2 (30.1°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND <sup>a</sup>	mg/L	MEMBRANE ELECTRODE METHOD (SM PART 5210 B AND PART 4500-O G)	516	6.5	≤ 40	-	2.0
TOTAL SUSPENDED SOLIDS <sup>a</sup>	mg/L	TOTAL SUSPENDED SOLIDS DRIED AT 103-105 °C (SM PART 2540 D)	40.9	≤ 5.0	≤ 50	-	5.0
TOTAL DISSOLVED SOLIDS <sup>a</sup>	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 80 °C (SM PART 2540 G)	417	421	≤ 1300	-	25
SETTLABLE SOLIDS <sup>a</sup>	mL/L	IMHOFF CONE (SM PART 2540 F)	0.4	≤ 0.1	-	0.1	-
SULPHIDE <sup>a</sup>	mg/L	IODOMETRIC METHOD (SM PART 4500-S <sup>2</sup> -F)	3.1	≤ 0.50	≤ 1.0	-	0.50
TOTAL KJELDAHL NITROGEN <sup>a</sup>	mg/L	IN-HOUSE METHOD: UAE-TP-WAS.001 (KJELDAHL METHOD); SM PART 4600-Norg C	66.0	≤ 5.0	≤ 40	1.5	5.0



PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 09:52 HOUR 1/ T25AF700-0001	2 09:49 HOUR 1/ T25AF700-0005			
OIL AND GREASE <sup>a</sup>	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM PART 5520 B)	8	≤ 3	≤ 20	-	3
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			YELLOW/TURBID BROWN	YELLOW/CLAR BROWN			

<sup>a</sup> : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)  
<sup>b</sup> : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)  
<sup>c</sup> : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION

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

RESULT 1 : INFILTRANT  
RESULT 2 : EFFLUENT

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS C, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL. 141, PART 233 D, DATED AUGUST 27, 2024.



## ANALYSIS REPORT

**CUSTOMER NAME** : ENERGY COMPLEX COMPANY LIMITED  
**ADDRESS** : 55/1 VIBHAVADI-RANGSIT ROAD CHATUCHAK BANGKOK 10900  
**CONTACT INFORMATION** : TEL: 063 997 9715 e-mail : [qsie.enrcony@enrcony.com](mailto:qsie.enrcony@enrcony.com)  
**SAMPLING SOURCE** : อ่างเก็บน้ำห้วยน้ำโจน จังหวัดสุพรรณบุรี  
**SAMPLE TYPE** : WASTEWATER  
**SAMPLING DATE** : MARCH 17, 2025  
**SAMPLING TIME** : 1/  
**SAMPLING METHOD** : GRAB  
**ANALYZED BY** : MR. SETHAWUT EMKINBUA  
**ANALYSIS NO.** : MISS NAPA-PORN KHUNNOKKHUM

RECEIVED DATE	ANALYTICAL DATE
: MARCH 17, 2025	: MARCH 17-24, 2025
	: MARCH 28, 2025
ISSUE DATE	REPORT NO.
: 2025-0026333	
WORK NO.	: 2024-010117
	: T25AF700-0002, T25AF700-0006

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DEFLECTION LIMIT	LIMIT OF QUANTIFICATION (LOQ)
			1	2			
pH <sup>a</sup>	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H <sup>+</sup> B AND 1000 B	09:45 HOUR 1/ T35A1706-98B2	09:46 HOUR 1/ T35AF06-0006	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND <sup>a</sup>	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O <sub>2</sub> G)	82.0	18.6	≤ 40	-	2.0
TOTAL SUSPENDED SOLIDS <sup>a</sup>	mg/L	TOTAL SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	42.4	13.5	≤ 50	-	5.0
TOTAL DISSOLVED SOLIDS <sup>a</sup>	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	428	467	≤ 1,300	-	25
SETTLABLE SOLIDS <sup>a</sup>	mL	IMHOFF CONE (SM: PART 2540 F)	< 0.1	< 0.1	-	0.1	-
SULPHIDE <sup>a</sup>	mg/L	IODOMETRIC METHOD (SM: PART 4500-S <sup>2-</sup> F)	5.4	< 0.50	≤ 1.0	-	0.50
TOTAL KJELDAHL NITROGEN <sup>b</sup>	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001(KJELDAHL METHOD); SM: PART 4500-Nom C	53.7	38.5	≤ 40	15	5.0

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## ANALYSIS REPORT

**CUSTOMER NAME** : ENERGY COMPLEX COMPANY LIMITED  
**ADDRESS** : 55/1 VIBHAVADI-RANGSIT ROAD CHATUCHAK BANGKOK 10900  
**CONTACT INFORMATION** : TEL: 063 997 9715 e-mail : [qsie.enrcony@enrcony.com](mailto:qsie.enrcony@enrcony.com)  
**SAMPLING SOURCE** : อ่างเก็บน้ำห้วยน้ำโจน จังหวัดสุพรรณบุรี  
**SAMPLE TYPE** : WASTEWATER  
**SAMPLING DATE** : MARCH 17, 2025  
**SAMPLING TIME** : 1/  
**SAMPLING METHOD** : GRAB  
**ANALYZED BY** : MR. SETHAWUT EMKINBUA  
**ANALYSIS NO.** : MISS NAPA-PORN KHUNNOKKHUM

RECEIVED DATE	ANALYTICAL DATE
: MARCH 17, 2025	: MARCH 17-24, 2025
	: MARCH 28, 2025
ISSUE DATE	REPORT NO.
: 2025-0026333	
WORK NO.	: 2024-010117
	: T25AF700-0002, T25AF700-0006

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DEFLECTION LIMIT	LIMIT OF QUANTIFICATION (LOQ)
			1	2			
pH <sup>a</sup>	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H <sup>+</sup> B AND 1000 B	09:45 HOUR 1/ T35A1706-98B2	09:46 HOUR 1/ T35AF06-0006	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND <sup>a</sup>	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O <sub>2</sub> G)	82.0	18.6	≤ 40	-	2.0
TOTAL SUSPENDED SOLIDS <sup>a</sup>	mg/L	TOTAL SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	42.4	13.5	≤ 50	-	5.0
TOTAL DISSOLVED SOLIDS <sup>a</sup>	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	428	467	≤ 1,300	-	25
SETTLABLE SOLIDS <sup>a</sup>	mL	IMHOFF CONE (SM: PART 2540 F)	< 0.1	< 0.1	-	0.1	-
SULPHIDE <sup>a</sup>	mg/L	IODOMETRIC METHOD (SM: PART 4500-S <sup>2-</sup> F)	5.4	< 0.50	≤ 1.0	-	0.50
TOTAL KJELDAHL NITROGEN <sup>b</sup>	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001(KJELDAHL METHOD); SM: PART 4500-Nom C	53.7	38.5	≤ 40	15	5.0

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BY ISI GROUP (THAILAND) CO., LTD.

**ANALYSIS REPORT**

**CUSTOMER NAME** : ENERGY COMPLEX COMPANY LIMITED  
**ADDRESS** : 555/1 VIBHAVADI-RANGSIT ROAD CHATUCHAK BANGKOK 10900  
**CONTACT INFORMATION** : TEL : 063 997 9715 e-mail : osha.encony@encony.com  
**SAMPLING SOURCE** : อ่างน้ำ C กรุงเทพมหานคร  
**SAMPLE TYPE** : WASTEWATER  
**SAMPLING DATE** : MARCH 17, 2025  
**SAMPLING TIME** : 17  
**SAMPLING METHOD** : GRAV  
**SAMPLING BY** : MR SETTHAWUT EMKINBUBA  
**ANALYZED BY** : MISS NIPAPORN KHUNNOKKHAM

**RECEIVED DATE** : MARCH 17, 2025  
**ANALYTICAL DATE** : MARCH 17-24, 2025  
**ISSUE DATE** : MARCH 28, 2025  
**REPORT NO.** : 2025-U026334  
**WORK NO.** : 2024-010117  
**ANALYSIS NO.** : T25AF700-0003, T25AF700-0007

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 1000 HOUR / T25AF700-0003	2 1000 HOUR / T25AF700-0007			
pH <sup>a</sup>	-	ELECTROMETRIC METHOD (AT SITE) SM PART 4500-H <sup>+</sup> B AND 1060 B	7.5 (80.0°C)	6.1 (80.0°C)	5.5-9.0	-	-
BIO-CHEMICAL OXYGEN DEMAND <sup>a</sup>	mg/L	MEMBRANE ELECTRODE METHOD (SM PART 5210 B AND PART 4500-O <sub>2</sub> G)	44.1	<2.0	≤ 40	-	2.0
TOTAL SUSPENDED SOLIDS <sup>a</sup>	mg/L	TOTAL SUSPENDED SOLIDS DRIED AT 103-105 °C (SM PART 2540 D)	25.7	<5.0	≤ 50	-	5.0
TOTAL DISSOLVED SOLIDS <sup>b</sup>	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 80 °C (SM PART 2540 G)	475	672	≤ 1300	-	25
SETTLABLE SOLIDS <sup>c</sup>	mL/L	IMHOFF CONE (SM PART 2540 F)	0.1	<0.1	-	0.1	-
SULPHIDE <sup>d</sup>	mg/L	IDOMETRIC METHOD (SM PART 4500-S <sup>2-</sup> F)	1.6	<0.50	≤ 1.0	-	0.50
TOTAL KJELDAHL NITROGEN <sup>e</sup>	mg/L	IN-HOUSE METHOD: UAE TP WAS.001 KJELDAHL METHOD; SM PART 4500-Norg C	88.5	ND	≤ 40	1.5	5.0



PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 1000 HOUR / T25AF700-0003	2 1000 HOUR / T25AF700-0007			
OIL AND GREASE <sup>a</sup>	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM PART 5520 B)	5	<3	≤ 20	-	3
SAMPLE CONDITION		WATER'S COLOUR/TURBID SEDIMENT	YELLOW/TURBID	BROWN	YELLOW/CLEAR	BROWN	

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

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

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

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

RESULT 1 : INFLUENT

RESULT 2 : EFFLUENT

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS C. NOTIFICATION OF THE

MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL. 141,

PART 233 D, DATED AUGUST 27, 2024.

ND : NOT DETECTED.



LABORATORY SUPERVISOR

## ANALYSIS REPORT

**CUSTOMER NAME** : ENERGY COMPLEX COMPANY LIMITED  
**ADDRESS** : 55/1 VIBHAWADI-RANGSIT ROAD CHATUCHAK CHATUCHAK BANGKOK 10900  
**CONTACT INFORMATION** : TEL : 063 997 9715 e-mail : gpe.enenergy@enenergy.com  
**SAMPLING SOURCE** : สถานี ถ่านหิน ห้วย จันทบุรี จังหวัดน่าน  
**SAMPLE TYPE** : WASTEWATER  
**SAMPLING DATE** : MARCH 17, 2025  
**SAMPLING TIME** : 1/  
**SAMPLING METHOD** : GRAB  
**SAMPLING BY** : MR SETTHAWIT EMKINBUJA  
**ANALYZED BY** : MISS NAPAPORN KHUNNOKKHAM  
**ANALYSIS NO.** : ANALYSIS NO.

RECEIVED DATE : MARCH 17, 2025  
ANALYTICAL DATE : MARCH 17-24, 2025  
ISSUE DATE : MARCH 28, 2025  
REPORT NO. : 2025-0036335  
WORK NO. : 2024-010117  
ANALYSIS NO. : T25AF700-0004, T25AF700-0008

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DEFLECTION LIMIT	LIMIT OF QUANTIFICATION (LOQ)
			1	2			
pH <sup>a</sup>	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H <sup>+</sup> B AND 1000 B	10.05 HOUR 1/ T35AF700-0004	10.05 HOUR 1/ T35AF700-0008	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND <sup>b</sup>	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	22.8	10.4	≤ 40	-	2.0
TOTAL SUSPENDED SOLIDS <sup>a</sup>	mg/L	TOTAL SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	18.0	37.1	≤ 50	-	5.0
TOTAL DISSOLVED SOLIDS <sup>b</sup>	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	531	506	≤ 1,300	-	25
SETTLABLE SOLIDS <sup>c</sup>	ml/L	IMHOFF CONE (SM: PART 2540 F)	< 0.1	< 0.1	-	0.1	-
SULPHIDE <sup>d</sup>	mg/L	IODOMETRIC METHOD (SM: PART 4500-S <sup>2</sup> F)	< 0.50	< 0.50	≤ 10	-	0.50
TOTAL KJELDAHL NITROGEN <sup>e</sup>	mg/L	IN-HOUSE METHOD: UAE:TP WAS.001 (KJELDAHL METHOD); SM: PART 4500-NH <sub>3</sub> C	210	ND	≤ 40	15	5.0

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- End of Analysis Report -

LABORATORY SUPERVISOR

2025-U026335

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เดือนเมษายน พ.ศ. 2568



## ANALYSIS REPORT

**CUSTOMER NAME** : ENERGY COMPLEX COMPANY LIMITED  
**ADDRESS** : 55/1 VIBHAVADI-RANGSIT ROAD CHATUCHAK BANGKOK 10900  
**CONTACT INFORMATION** : TEL : 063 997 9715 e-mail : info@energy.com  
**SAMPLING SOURCE** : WASTEWATER  
**SAMPLE TYPE** : WASTEWATER  
**SAMPLING DATE** : APRIL 18, 2025  
**SAMPLING TIME** : 17  
**SAMPLING METHOD** : GRAB  
**ANALYZED BY** : MR. SETTHAWUT EMKINBUA  
**RECEIVED DATE** : APRIL 19, 2025  
**ANALYTICAL DATE** : APRIL 19-25, 2025  
**ISSUE DATE** : APRIL 30, 2025  
**REPORT NO.** : 2025-037/676  
**WORK NO.** : 2024-010117  
**ANALYSIS NO.** : T25A350-0001, T25A350-0005

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTIFICATION (LOQ)
			1 10-25 HOUR / T25A350-0001	2 10-25 HOUR / T25A350-0005			
pH <sup>a</sup>	-	ELECTROMETRIC METHOD (AT SITE) SM PART 4500-H <sup>+</sup> B AND 1080 B	7.3 (80.2°C)	7.8 (30.8°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND <sup>a</sup>	mg/L	MEMBRANE ELECTRODE METHOD (SM PART 5210 B AND PART 4500-O <sub>2</sub> G)	43.5	2.8	≤ 40	-	20
TOTAL SUSPENDED SOLIDS <sup>a</sup>	mg/L	TOTAL SUSPENDED SOLIDS DRIED AT 103-105 °C (SM PART 2540 D)	18.7	< 5.0	≤ 50	-	5.0
TOTAL DISSOLVED SOLIDS <sup>b</sup>	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM PART 2540 G)	357	347	≤ 1300	-	25
SETTLABLE SOLIDS <sup>c</sup>	mL/L	IMHOFF CONE (SM PART 2540 F)	0.1	< 0.1	-	0.1	-
SULPHIDE <sup>d</sup>	mg/L	IODOMETRIC METHOD (SM PART 4500-S <sup>2-</sup> F)	< 0.50	< 0.50	≤ 10	-	0.50
TOTAL KJELDAHL NITROGEN <sup>e</sup>	mg/L	IN-HOUSE METHOD: UAE-TP-WAS-001 (KJELDAHL METHOD); SM PART 4500-Norg C	28.3	< 5.0	≤ 40	1.5	5.0

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTIFICATION (LOQ)
			1 10-25 HOUR / T25A350-0001	2 10-25 HOUR / T25A350-0005			
OIL AND GREASE <sup>a</sup>	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM PART 5520 B)	7	< 3	≤ 20	-	3
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			YELLOW/TURBID BROWN	YELLOW/TURBID BROWN			

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

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

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

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

RESULT 1 : INFLENT

RESULT 2 : EFFLUENT

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS C, NOTIFICATION OF THE

MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL. 141,

PART 233 D, DATED AUGUST 27, 2024.

ANALYSIS REPORT

**CUSTOMER NAME** : ENERGY COMPLEX COMPANY LIMITED  
**ADDRESS** : 555/1 VIBHAVADI-RANGSIT ROAD CHATUCHAK BANGKOK 10900  
**CONTACT INFORMATION** : TEL : 063 997 9715 e-mail : qphr.enr@uae.co.th  
**SAMPLING SOURCE** : WATER B ในพื้นที่ 10000 ไร่  
**SAMPLE TYPE** : WASTEWATER  
**SAMPLING DATE** : APRIL 18, 2025  
**SAMPLING TIME** : 11  
**SAMPLING METHOD** : GRAB  
**SAMPLING BY** : MR SETTHAWIT EMKINBUA  
**ANALYZED BY** : MISS NAWAPORN KUANNOKKHUM

**RECEIVED DATE** : APRIL 19, 2025  
**ANALYTICAL DATE** : APRIL 19-25, 2025  
**ISSUE DATE** : APRIL 30, 2025  
**REPORT NO.** : 2025-U037677  
**WORK NO.** : 2024-010117  
**ANALYSIS NO.** : T25A350-0002, T25A350-0006

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTIFICATION (LOQ)
			1 10-35 HOUR / T25A350-0002	2 10-30 HOUR / T25A350-0006			
pH <sup>a</sup>	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H <sup>+</sup> B AND 1090 B	7.5 (30.8°C)	7.3 (31.8°C)	6.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND <sup>b</sup>	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O <sub>2</sub> G)	79.6	13.0	≤ 40	-	2.0
TOTAL SUSPENDED SOLIDS <sup>a</sup>	mg/L	TOTAL SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	23.4	≤ 5.0	≤ 50	-	5.0
TOTAL DISSOLVED SOLIDS <sup>b</sup>	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	432	545	≤ 1,300	-	25
SETTLABLE SOLIDS <sup>c</sup>	mL/L	IMHOFF CONE (SM: PART 2540 F)	≤ 0.1	≤ 0.1	-	0.1	-
SULPHIDE <sup>d</sup>	mg/L	IODOMETRIC METHOD (SM: PART 4500-S <sup>2-</sup> F)	1.8	≤ 0.50	≤ 10	-	0.50
TOTAL KJELDAHL NITROGEN <sup>e</sup>	mg/L	IN-HOUSE METHOD: LAE TP-WAS001 (KJELDAHL METHOD), SM: PART 4500-Norg C	60.2	5.2	≤ 40	15	5.0

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTIFICATION (LOQ)
			1 10-35 HOUR / T25A350-0002	2 10-30 HOUR / T25A350-0006			
OIL AND GREASE <sup>a</sup>	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	6	≤ 3	≤ 20	-	3
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			YELLOW/TURBID BROWN	YELLOW/TURBID BROWN			

<sup>a</sup> : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)  
<sup>b</sup> : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)  
<sup>c</sup> : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION

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

RESULT 1 : INFLUENT  
RESULT 2 : EFFLUENT

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS C, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL. 141, PART 233 D, DATED AUGUST 27, 2024.



LABORATORY SUPERVISOR



### ANALYSIS REPORT

**CUSTOMER NAME** : ENERGY COMPLEX COMPANY LIMITED  
**ADDRESS** : 55/1 VIBHADOX-RANGSI ROAD CHATUCHAK BANGKOK 10900  
**CONTACT INFORMATION** : TEL : 063 997 9715 e-mail : gshe.encomy@encomy.com  
**SAMPLING SOURCE** : บำบัดน้ำเสีย  
**SAMPLE TYPE** : WASTEWATER  
**SAMPLING DATE** : APRIL 18, 2025  
**SAMPLING TIME** : 1/  
**SAMPLING METHOD** : GRAB  
**SAMPLED BY** : MR SETTHAWUT EMKINBLA  
**ANALYZED BY** : MISS NAPAPORN KHUNKHUM  
**RECEIVED DATE** : APRIL 19, 2025  
**ANALYTICAL DATE** : APRIL 19-25, 2025  
**ISSUE DATE** : APRIL 30, 2025  
**REPORT NO.** : 2025-U037678  
**WORK NO.** : 2024-010117  
**ANALYSIS NO.** : T25A350-0003, T25A350-0007

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 10-45 HOUR / T25A350-0003	2 10-40 HOUR / T25A350-0007			
pH <sup>a</sup>	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H <sup>+</sup> B AND 1000 B	7.6 (29.2°C)	6.4 (29.9°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND <sup>a</sup>	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O <sub>2</sub> )	39.6	3.0	≤ 40	-	2.0
TOTAL SUSPENDED SOLIDS <sup>a</sup>	mg/L	TOTAL SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	18.0	≤ 5.0	≤ 50	-	5.0
TOTAL DISSOLVED SOLIDS <sup>a</sup>	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 80 °C (SM: PART 2540 C)	480	692	≤ 1,300	-	25
SETTLABLE SOLIDS <sup>a</sup>	mL/L	IMHOFF CONE (SM: PART 2540 F)	≤ 0.1	≤ 0.1	-	0.1	-
SULPHIDE <sup>a</sup>	mg/L	IODOMETRIC METHOD (SM: PART 4500-S <sup>2-</sup> F)	≤ 0.50	≤ 0.50	≤ 1.0	-	0.50
TOTAL KJELDAHL NITROGEN <sup>a</sup>	mg/L	IN-HOUSE METHOD: UAE TP WAS 001 (KJELDAHL METHOD); SM: PART 4500-Norg C	80.3	≤ 5.0	≤ 40	1.5	5.0

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PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 10-45 HOUR / T25A350-0003	2 10-40 HOUR / T25A350-0007			
OIL AND GREASE <sup>a</sup>	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	8	≤ 3	≤ 20	-	3
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			YELLOW/TURBID BROWN	YELLOW/CLEAR BROWN			

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

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

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

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, APWA, WEF, 24<sup>th</sup> EDITION, 2003.

RESULT 1 : INFLUENT

RESULT 2 : EFFLUENT

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS C, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL. 141, PART 233 D, DATED AUGUST 27, 2024.



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## ANALYSIS REPORT

CUSTOMER NAME	: ENERGY COMPLEX COMPANY, LIMITED
ADDRESS	: 55/1 VIBHAVADI-RANGSIT ROAD CHATUCHAK BANGKOK 10900
CONTACT INFORMATION	: TEL : 063 992 9715 e-mail : ushe.encyon@encyon.com
SAMPLING SOURCE	: สายวัด หน้า บม. 55/1 ถนนวิภาวดีรังสิต
SAMPLE TYPE	: WASTEWATER
SAMPLING DATE	: APRIL 18, 2025
SAMPLING TIME	: 1/
SAMPLING METHOD	: GRAB
ANALYZED BY	: MR SETHAWUT EMKINBUA
ANALYSIS NO.	: MISS NAPAPORN KHINNOCKHUM
RECEIVED DATE	
ANALYTICAL DATE	
ISSUE DATE	
REPORT NO.	
WORK NO.	

RECEIVED DATE	: APRIL 19, 2025
ANALYTICAL DATE	: APRIL 19-25, 2025
ISSUE DATE	: APRIL 30, 2025
REPORT NO.	: 2025-U037679
WORK NO.	: 2024-010117
ANALYSIS NO.	: T25A350-0004, T25A350-0005

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DEFLECTION LIMIT	LIMIT OF QUANTIFICATION (LOQ)
			1	2			
pH <sup>a</sup>	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H B AND 1000 B	10-55 HOUR 1/ 173A0350-0004	16-50 HOUR 1/ 173A0350-0008	5.5-8.0	-	-
BIOCHEMICAL OXYGEN DEMAND <sup>a</sup>	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	16.0	3.8	≤ 40	-	2.0
TOTAL SUSPENDED SOLIDS <sup>a</sup>	mg/L	TOTAL SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	16.7	13.5	≤ 50	-	5.0
TOTAL DISSOLVED SOLIDS <sup>b</sup>	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	498	700	≤ 1300	-	25
SETTLABLE SOLIDS <sup>c</sup>	mL/L	IMHOFF CONE (SM: PART 2540 F)	< 0.1	< 0.1	-	0.1	-
SULPHIDE <sup>b</sup>	mg/L	IODOMETRIC METHOD (SM: PART 4500-S <sup>2</sup> F)	< 0.50	< 0.50	≤ 10	-	0.50
TOTAL KJELDAHL NITROGEN <sup>d</sup>	mg/L	IN-HOUSE METHOD: UAE TP WAS 001 (KJELDAHL METHOD); SM: PART 4500-Nitro C	34.8	< 5.0	≤ 40	15	5.0

ALL INFORMATION CONTAINED  
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DATE 02-01-2018 BY 60322  
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PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DEFLECTION LIMIT	LIMIT OF QUANTIFICATION (LOQ)
			1	2			
OIL AND GREASE <sup>a</sup>	mg/L	LIQUID-LIQUID, PARTITION-GRAY/METRIC METHOD (SM PART 5520 B)	10.55 HOUR 1/ 725A350-0004 ≤ 3	10.55 HOUR 1/ 725A350-0008 ≤ 3	≤ 20	-	3
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			YELLOW/TURBID BROWN	YELLOW/TURBID BROWN			

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

**p. 150/TEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)**

© : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION

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

RESULT 1 : INFLUENT

RESULT 2 : EFFLUENT

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS C, NOTIFICATION OF THE  
MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL. 41,  
PART 233 D, DATED AUGUST 27, 2024.

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เดือนพฤษภาคม พ.ศ. 2568



## ANALYSIS REPORT

CUSTOMER NAME	: ENERGY COMPLEX COMPANY LIMITED
ADDRESS	: 55/1 VITHAVADONG-GRANG ROAD CHATUCHAK BANGKOK 10900
CONTACT INFORMATION	: TEL : 063 979 9715 e-mail : gshie.encomy@encomy.com
SAMPLING SOURCE	: บำบัดน้ำเสียจากอาคาร 350000
SAMPLE TYPE	: WASTEWATER
SAMPLING DATE	: MAY 19, 2025
SAMPLING TIME	: 1/
SAMPLING METHOD	: GRAB
SAMPLING BY	: MR CHAI BUASOD
ANALYZED BY	: MISS NAPAPOON KHUNNOKKHUM
ANALYSIS NO.	
REPORT NO.	
ISSUE DATE	
ANALYTICAL DATE	
RECEIVED DATE	

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTIFICATION (LOQ)
			1	2			
pH <sup>a</sup>	-	ELECTROMETRIC METHOD (AT SITE) (SM: PART 4500-H <sup>+</sup> B AND 1600 B	09:50 HOUR 1/ T35M779-0001	09:50 HOUR 1/ T35M779-0005			
			7A (30.5°C)	7A (30.9°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND <sup>a</sup>	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O <sub>2</sub> G)	66.3	7.4	≤ 40	-	2.0
TOTAL SUSPENDED SOLIDS <sup>a</sup>	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	28.1	5.8	≤ 50	-	5.0
TOTAL DISSOLVED SOLIDS <sup>b</sup>	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	500	433	≤ 1300	-	25
SETTLABLE SOLIDS <sup>c</sup>	mL/L	IM-HOFF CONE (SM: PART 2540 F)	0.1	< 0.1	-	0.1	-
SULPHIDE <sup>b</sup>	mg/L	IDOMETRIC METHOD (SM: PART 4500-S <sup>2</sup> -F)	3.0	< 0.50	≤ 1.0	-	0.50
TOTAL KIELDAHL NITROGEN <sup>b</sup>	mg/L	IN-HOUSE METHOD: UAE-TP WAS-001 (KIELDAHL METHOD) (SM: PART 4500-N <sub>org</sub> C)	65.6	< 5.0	≤ 40	15	5.0

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PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTIFICATION (LOQ)
			1	2			
OIL AND GREASE <sup>a</sup>	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM. PART 5620 B)	0933 HOUR 1/	0930 HOUR 1/	≤ 20	-	3
			723M79-0001	723M79-0005			
SAMPLE CONDITION							
WATER'S COLOUR/TURBID			YELLOW/TURBID	YELLOW/TURBID			
SEDIMENT			BROWN	BROWN			

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

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

2 : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION

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

**RESULT 1 : INFLUENT**

RESULT 2 : EFFLUENT

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS C, NOTIFICATION OF THE

MINISTRY OF RESOURCES AND ENVIRONMENT. PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE VOL. 141.

PART 233 D. DATED AUGUST 27, 2024.

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LABORATORY SUPERVISOR

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### ANALYSIS REPORT

**CUSTOMER NAME** : ENERGY COMPLEX COMPANY LIMITED  
**ADDRESS** : 555/1 VIBHAVADI-RANGSIT ROAD CHATUCHAK BANGKOK 10900  
**CONTACT INFORMATION** : TEL : 063 997 9715 e-mail : g@energycom.com  
**SAMPLING SOURCE** : WATER  
**SAMPLE TYPE** : WASTEWATER  
**SAMPLING DATE** : MAY 19, 2025  
**SAMPLING TIME** : 1/  
**SAMPLING METHOD** : GRAB  
**SAMPLING BY** : MR CHAI BUASOD  
**ANALYZED BY** : MISS NAPAORN KHUNNOKKHAM

**RECEIVED DATE** : MAY 20, 2025  
**ANALYTICAL DATE** : MAY 20-26, 2025  
**ISSUE DATE** : MAY 29, 2025  
**REPORT NO.** : 2025-U048138  
**WORK NO.** : 2024-010117  
**ANALYSIS NO.** : T25AK779-0002, T25AK779-0006

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTIFICATION (LOQ)
			1 1000 HOUR 1/ T25AK779-0002	2 09:58 HOUR 1/ T25AK779-0006			
pH <sup>a</sup>	-	ELECTROMETRIC METHOD (AT SITE) SM PART 4500-H <sup>+</sup> B AND 1040 B	7.8 (30.2°C)	7.8 (30.3°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND <sup>b</sup>	mg/L	MEMBRANE ELECTRODE METHOD (SM PART 5210 B AND PART 4500-O G)	127	117	≤ 40	-	2.0
TOTAL SUSPENDED SOLIDS <sup>a</sup>	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	29.2	< 5.0	≤ 50	-	5.0
TOTAL DISSOLVED SOLIDS <sup>b</sup>	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 G)	530	536	≤ 1,300	-	25
SETTLABLE SOLIDS <sup>c</sup>	mL/L	(IM-HOFF CONE (SM: PART 2540 F))	< 0.1	< 0.1	*	0.1	-
SULPHIDE <sup>d</sup>	mg/L	IODOMETRIC METHOD (SM: PART 4500-S <sup>2</sup> -F)	3.0	< 0.50	≤ 1.0	-	0.50
TOTAL KJELDAHL NITROGEN <sup>e</sup>	mg/L	IN-HOUSE METHOD: KJELDAHL (LAE TP WAS 004 (KJELDAHL METHOD); SM: PART 4500-Norg C)	55.2	5.0	≤ 40	1.5	5.0

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTIFICATION (LOQ)
			1 1000 HOUR 1/ T25AK779-0002	2 09:58 HOUR 1/ T25AK779-0006			
OIL AND GREASE <sup>a</sup>	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	12	< 3	≤ 20	-	3
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			YELLOW/TURBID BROWN	YELLOW/CLEAR BROWN			

<sup>a</sup> : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)  
<sup>b</sup> : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)  
<sup>c</sup> : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION  
SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, ANSWA, WEF, 24<sup>th</sup> EDITION, 2023.  
RESULT 1 : INFLUENT  
RESULT 2 : EFFLUENT  
REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS C, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL. 141, PART 233 D, DATED AUGUST 27, 2024.

## ANALYSIS REPORT

**CUSTOMER NAME** : ENERGY COMPLEX COMPANY LIMITED  
**ADDRESS** : 55/1 VIBHAVADI-RANGSIT ROAD CHATUCHAK BANGKOK 10900  
**CONTACT INFORMATION** : TEL : 083 997 9715 E-mail : gsha.encomy@encomy.com  
**SAMPLING SOURCE** : อ่างเก็บน้ำคลองลำน้ำพระยา จังหวัด นครราชสีมา  
**SAMPLE TYPE** : WASTEWATER  
**SAMPLING DATE** : MAY 19, 2025  
**SAMPLING TIME** : 17  
**SAMPLING METHOD** : GRAB  
**SAMPLING BY** : MR CHAI BUASOD  
**ANALYZED BY** : MISS NAPAPORN KHUNNOKKHAM

**RECEIVED DATE** : MAY 20, 2025  
**ANALYTICAL DATE** : MAY 20-26, 2025  
**ISSUE DATE** : MAY 29, 2025  
**REPORT NO.** : 2025-U048139  
**WORK NO.** : 2024-010117  
**ANALYSIS NO.** : T25K779-0003, T25K779-0007

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTIFICATION (LOQ)
			1 10-15 HOUR / T25K779-0003	2 10-15 HOUR / T25K779-0007			
pH <sup>a</sup>	-	ELECTROMETRIC METHOD (AT SITE) (SM: PART 4500-H <sup>+</sup> B AND 1060 B)	7.6 (28.6°C)	7.6 (28.2°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND <sup>b</sup>	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O <sub>2</sub> G)	87.5	2.2	≤ 40	-	2.0
TOTAL SUSPENDED SOLIDS <sup>b</sup>	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	27.4	< 5.0	≤ 50	-	5.0
TOTAL DISSOLVED SOLIDS <sup>b</sup>	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	520	652	≤ 1,500	-	25
SETTLABLE SOLIDS <sup>c</sup>	mL/L	IMHOFF CONE (SM: PART 2540 F)	< 0.1	< 0.1	-	0.1	-
SULPHIDE <sup>d</sup>	mg/L	IODOMETRIC METHOD (SM: PART 4500-S <sup>2-</sup> F)	0.52	< 0.50	≤ 1.0	-	0.50
TOTAL KJELDAHL NITROGEN <sup>e</sup>	mg/L	IN-HOUSE METHOD: KJELDAHL NAE TP WAS 001 (KJELDAHL METHOD); SM: PART 4500-Norg C	79.2	ND	≤ 40	15	5.0

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTIFICATION (LOQ)
			1 10-15 HOUR / T25K779-0003	2 10-15 HOUR / T25K779-0007			
OIL AND GREASE <sup>a</sup>	mg/L	LIQUID LIQUID PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	5	< 3	≤ 20	-	3
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			YELLOW/TURBID BROWN	YELLOW/CLEAR BROWN			

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

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

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

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

RESULT 1 : INFLUENT

RESULT 2 : EFFLUENT

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS C, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL. 141, PART 233 D, DATED AUGUST 27, 2024.

ND : NOT DETECTED.

LABORATORY SUPERVISOR

- End of Analysis Report -

## ANALYSIS REPORT

**CUSTOMER NAME** : ENERGY COMPLEX COMPANY LIMITED  
**ADDRESS** : 555/1 VIBHAVADI-RANGSIT ROAD CHATUCHAK BANGKOK 10900  
**CONTACT INFORMATION** : TEL : 063 997 9715 e-mail : gche.encony@encony.com  
**SAMPLING SOURCE** : อ่างน้ำ D ด้านหลัง หมู่บ้าน ชัยพฤกษ์ ฝั่งทิศเหนือ  
**SAMPLE TYPE** : WASTEWATER  
**SAMPLING DATE** : MAY 19, 2025  
**SAMPLING TIME** : 1/  
**SAMPLING METHOD** : GRAB  
**SAMPLING BY** : MR CHAI BUASOD  
**ANALYZED BY** : MISS MAPAPORN KHUINKOKKIJUN

**RECEIVED DATE** : MAY 20, 2025  
**ANALYTICAL DATE** : MAY 20-26, 2025  
**ISSUE DATE** : MAY 29, 2025  
**REPORT NO.** : 2025-U048142  
**WORK NO.** : 2024-010117  
**ANALYSIS NO.** : T25AK779-0004, T25AK779-0008

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTIFICATION (LOQ)
			1 10-20 HOUR 1/ T25AK779-0004	2 10-18 HOUR 1/ T25AK779-0008			
pH <sup>a</sup>	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H <sup>+</sup> B AND 1060 B	7.8 (25.9°C)	7.6 (29.6°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND <sup>b</sup>	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O <sub>2</sub> G)	122	6.1	≤ 40	-	2.0
TOTAL SUSPENDED SOLIDS <sup>a</sup>	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	18.2	9.7	≤ 50	-	5.0
TOTAL DISSOLVED SOLIDS <sup>b</sup>	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	551	624	≤ 1300	-	2%
SETTLABLE SOLIDS <sup>c</sup>	mL/L	IM-HOFF CONE (SM: PART 2540 F)	< 0.1	< 0.1	-	0.1	-
SULPHIDE <sup>c</sup>	mg/L	IODOMETRIC METHOD (SM: PART 4500-S <sup>2-</sup> F)	3.1	< 0.50	≤ 1.0	-	0.50
TOTAL KJELDAHL NITROGEN <sup>d</sup>	mg/L	IN-HOUSE METHOD: UAE TP (KJELDAHL KJELDAHL METHOD), SM: PART 4500-Norg C	116	14.3	≤ 40	1.5	5.0

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTIFICATION (LOQ)
			1 10-20 HOUR 1/ T25AK779-0004	2 10-18 HOUR 1/ T25AK779-0008			
OIL AND GREASE <sup>a</sup>	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	4	< 3	≤ 20	-	3
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			YELLOW/TURBID BROWN	YELLOW/CLEAR BROWN			

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

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

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

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

RESULT 1 : INFLUENT

RESULT 2 : EFFLUENT

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS C, NOTIFICATION OF THE

MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL. 41,

PART 233 D, DATED AUGUST 27, 2024



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รายงานผลการติดตามตรวจสอบคุณภาพน้ำทิ้ง  
เดือนมิถุนายน พ.ศ. 2568





### ANALYSIS REPORT

**CUSTOMER NAME** : ENERGY COMPLEX COMPANY LIMITED  
**ADDRESS** : 555/1 VIBHAVADI-RANGSIT ROAD CHATUCHAK BANGKOK 10900  
**CONTACT INFORMATION** : TEL : 063 997 9715 e-mail : q@e.encony@encony.com  
**SAMPLING SOURCE** : บำบัดน้ำเสียในถังตกตะกอน, โรงบำบัดน้ำเสีย  
**SAMPLE TYPE** : WASTEWATER  
**SAMPLING DATE** : JUNE 16, 2025  
**SAMPLING TIME** : 1/  
**SAMPLING METHOD** : GRAB  
**SAMPLING BY** : MR CHAI BUASOD  
**ANALYZED BY** : MISS NAPAPORN KHUNNOKKHUM

**RECEIVED DATE** : JUNE 17, 2025  
**ANALYTICAL DATE** : JUNE 17-24, 2025  
**ISSUE DATE** : JUNE 27, 2025  
**REPORT NO.** : 2025-U058415  
**WORK NO.** : 2024-010117  
**ANALYSIS NO.** : T25AN172-0001, T25AN172-0005

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1	2			
pH <sup>a</sup>	-	ELECTROMETRIC METHOD (AT SITE) SM PART 4500-H <sup>+</sup> B AND 1000 B	6.9 (29.9°C)	7.0 (30.3°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND <sup>a</sup>	mg/L	MEMBRANE ELECTRODE METHOD (SM PART 5210 B AND PART 4500-O G)	84.9	7.8	≤ 40	-	2.0
TOTAL SUSPENDED SOLIDS <sup>a</sup>	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM PART 2540 D)	50.7	< 5.0	≤ 50	-	5.0
TOTAL DISSOLVED SOLIDS <sup>a</sup>	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM PART 2540 C)	459	460	≤ 1300	-	25
SETTLABLE SOLIDS <sup>a</sup>	mL/L	IMHOFF CONE (SM PART 2540 F)	1.0	< 0.1	-	0.1	-
SULPHIDE <sup>a</sup>	mg/L	IODOMETRIC METHOD (SM PART 4500-S <sup>2-</sup> F)	3.1	< 0.50	≤ 10	-	0.50
TOTAL KJELDAHL NITROGEN <sup>b</sup>	mg/L	IN-HOUSE METHOD: UAE/TP-WAS.001 (KJELDAHL METHOD); SM PART 4500-Norg C	66.7	< 5.0	≤ 40	15	5.0

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1	2			
OIL AND GREASE <sup>a</sup>	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM PART 5520 B)	11	< 3	≤ 20	-	3
SAMPLE CONDITION							
WATER'S COLOUR/TURBID SEDIMENT			YELLOW/TURBID BROWN	YELLOW/CLEAR BROWN			

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

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

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

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

RESULT 1 : INFLENT

RESULT 2 : EFFLUENT

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS C, NOTIFICATION OF THE

MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL. 41,

PART 233 D, DATED AUGUST 27, 2024.

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**LAE** United Analyst and Engineering Consultant Co., Ltd.  
3 Soi Udomsuk 41, Sukhumvit Road, Bangkok, Thailand 10110  
Tel.0 2763 2828 Fax 0 2763 2800 www.laeconsultant.com E-mail: uae@laeconsultant.com

TESTING  
No. 0063  
NSC-TIS-115 17025  
TESTING 0207

**ANALYSIS REPORT**

**CUSTOMER NAME** : ENERGY COMPLEX COMPANY LIMITED  
**ADDRESS** : 555/1 VIBHAVADI-RANGSIT ROAD CHATUCHAK BANGKOK 10900  
**CONTACT INFORMATION** : TEL : 063 997 9715 e-mail : ghe.encomy@encomy.com  
**SAMPLING SOURCE** : อ่างน้ำ B ด้านหลัง หมู่บ้าน บ้านสุขุมวิท 41  
**SAMPLE TYPE** : WASTEWATER  
**SAMPLING DATE** : JUNE 16, 2025  
**SAMPLING TIME** : 1/  
**SAMPLING METHOD** : GRAB  
**SAMPLING BY** : MR CHAI BUASOD  
**ANALYZED BY** : MISS NARAPORN KHUNOKKHAM

**RECEIVED DATE** : JUNE 17, 2025  
**ANALYTICAL DATE** : JUNE 17-24, 2025  
**ISSUE DATE** : JUNE 27, 2025  
**REPORT NO.** : 2025-U058419  
**WORK NO.** : 2024-010117  
**ANALYSIS NO.** : T25ANI72-0002, T25ANI72-0006

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTIFICATION (LOQ)
			1 0913 HOUR / T25ANI72-0002	2 0904 HOUR / T25ANI72-0006			
pH <sup>a</sup>	-	ELECTROMETRIC METHOD (AT SITE) SM PART 4500-H <sup>+</sup> B AND 1090 B	7.0 (29.8°C)	8.7 (29.4°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND <sup>b</sup>	mg/L	MEMBRANE ELECTRODE METHOD (SM PART 5210 B AND PART 4500-O <sub>2</sub> C)	128	8.8	≤ 40	-	2.0
TOTAL SUSPENDED SOLIDS <sup>a</sup>	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM PART 2540 D)	42.1	5.8	≤ 50	-	5.0
TOTAL DISSOLVED SOLIDS <sup>b</sup>	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM PART 2540 C)	489	631	≤ 1300	-	25
SETTLABLE SOLIDS <sup>a</sup>	mL/L	IMHOFF CONE (SM PART 2540 F)	< 0.1	< 0.1	-	0.1	-
SULPHIDE <sup>c</sup>	mg/L	IODOMETRIC METHOD (SM PART 4500-S <sup>2-</sup> F)	3.2	< 0.50	≤ 1.0	-	0.50
TOTAL KIELDAHL NITROGEN <sup>d</sup>	mg/L	IN-HOUSE METHOD: UAE-TP WAS.031 (KIELDAHL METHOD), SM PART 4500-Norg C	69.0	< 5.0	≤ 40	1.5	5.0



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**LAE** United Analyst and Engineering Consultant Co., Ltd.  
3 Soi Udomsuk 41, Sukhumvit Road, Bangkok, Thailand 10110  
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TESTING  
No. 0063  
NSC-TIS-115 17025  
TESTING 0207

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTIFICATION (LOQ)
			1 0913 HOUR / T25ANI72-0002	2 0904 HOUR / T25ANI72-0006			
OIL AND GREASE <sup>a</sup>	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM PART 5520 B)	10	< 3	≤ 20	-	3
SAMPLE CONDITION							
WATER'S COLOUR/TURBID SEDIMENT			YELLOW/TURBID BROWN	YELLOW/TURBID BROWN			

<sup>a</sup> : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)  
<sup>b</sup> : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)  
<sup>c</sup> : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION  
<sup>SM</sup> : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24<sup>th</sup> EDITION, 2023.  
RESULT 1 : INFLUENT  
RESULT 2 : EFFLUENT  
REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS C, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL. 41, PART 233 D, DATED AUGUST 27, 2024.



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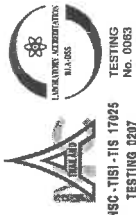
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• THIS ANALYSIS REPORT APPROVES ONLY FOR THE SAMPLES AS RECEIVED.

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2025-U058419

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Tel 0 2763 2828 Fax 0 2763 2808 www.uaeconsultant.com E-mail: uaec@uaeconsultant.com

HSO-TISI-TIS 17025  
TESTING  
No. 0083  
TESTING 0207

ANALYSIS REPORT

**CUSTOMER NAME** : ENERGY COMPLEX COMPANY LIMITED  
**ADDRESS** : 555/1 VIBHAVADI-RANGSIT ROAD CHATUCHAK BANGKOK 10900  
**CONTACT INFORMATION** : TEL : 063 997 9715 e-mail : gshe.encomy@encomy.com  
**SAMPLING SOURCE** : บำบัดน้ำเสีย  
**SAMPLE TYPE** : WASTEWATER  
**SAMPLING DATE** : JUNE 16, 2025  
**SAMPLING TIME** : 1/  
**SAMPLING METHOD** : GRAB  
**ANALYZED BY** : MR. CHAI BUASOD  
**RECEIVED DATE** : JUNE 17, 2025  
**ANALYTICAL DATE** : JUNE 17-24, 2025  
**ISSUE DATE** : JUNE 17, 2025  
**REPORT NO.** : 2025-U058425  
**WORK NO.** : 2024-010117  
**ANALYSIS NO.** : T25AN172-0004, T25AN172-0008

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTIFICATION (LOQ)
			1 09:31 HOUR 1/ T25AN172-0004	2 09:29 HOUR 1/ T25AN172-0008			
pH <sup>a</sup>	-	ELECTROMETRIC METHOD (AT SITE) SM PART 4500-H <sup>+</sup> B AND 1080 B	7.0 (80.5°C)	7.2 (28.6°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND <sup>b</sup>	mg/L	MEMBRANE ELECTRODE METHOD (SM PART 5210 B AND PART 4500-O <sub>2</sub> G)	7.0	2.3	≤ 4.0	-	2.0
TOTAL SUSPENDED SOLIDS <sup>a</sup>	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM PART 2540 D)	24.6	22.1	≤ 50	-	5.0
TOTAL DISSOLVED SOLIDS <sup>b</sup>	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM PART 2540 C)	500	488	≤ 1,300	-	25
SETTLABLE SOLIDS <sup>c</sup>	mL/L	IMHOFF CONE (SM PART 2540 F)	< 0.1	< 0.1	-	0.1	-
SULPHIDE <sup>b</sup>	mg/L	IODOMETRIC METHOD (SM PART 4500-S <sub>2</sub> F)	< 0.50	< 0.50	≤ 1.0	-	0.50
TOTAL KJELDAHL NITROGEN <sup>c</sup>	mg/L	IN-HOUSE METHOD: UAE TP WAS 001 (KJELDAHL METHOD); SM PART 4500-Norg C	< 5.0	ND	≤ 4.0	1.5	5.0

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HSO-TISI-TIS 17025  
TESTING  
No. 0083  
TESTING 0207

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTIFICATION (LOQ)
			1 09:31 HOUR 1/ T25AN172-0004	2 09:29 HOUR 1/ T25AN172-0008			
OIL AND GREASE <sup>a</sup>	mg/L	LIQUID-LIQUID PARTITION-GRAVIMETRIC METHOD (SM PART 5520 B)	< 3	< 3	≤ 20	-	3
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			YELLOW/TURBID BROWN	YELLOW/TURBID BROWN			

<sup>a</sup> : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)  
<sup>b</sup> : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)  
<sup>c</sup> : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION  
SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24<sup>th</sup> EDITION, 2023.  
RESULT 1 : INFILTRANT  
RESULT 2 : EFFLUENT  
REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS C. NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT. PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL. 141, PART 233 D, DATED AUGUST 27, 2024.  
ND : NOT DETECTED.



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รายงานผลการติดตามตรวจสอบคุณภาพอากาศในบรรยากาศโดยทั่วไป



ANALYSIS REPORT

CUSTOMER NAME : ENERGY COMPLEX COMPANY LIMITED  
ADDRESS : 555/1 VIBHAVADI-RANGSIT ROAD CHATUCHAK BANGKOK 10900  
CONTACT INFORMATION : TEL : 063 997 9715 e-mail : ghe.encony@encony.com  
MEASURING PLACE : ภายในพื้นที่โครงการด้านเคมีและชีวเภสัชภัณฑ์ตามวันปฏิบัติงาน  
MEASURING TYPE : AMBIENT (AIR)  
MEASURING DATE : MARCH 7-8, 2025  
MEASURING TIME : \*  
MEASURING METHOD : UV FLUORESCENCE  
MEASURED BY : MR NATTHAPONG CHAKUNTHOD  
RECEIVED DATE : MARCH 7-8, 2025  
ANALYTICAL DATE : MARCH 7-8, 2025  
ISSUE DATE : MARCH 19, 2025  
REPORT NO. : 2025-U02720  
WORK NO. : 2024-010117  
ANALYSIS NO. : T25AF105-0001

TIME *	RESULT (ppm)	
	SULPHUR DIOXIDE	
	ภายในพื้นที่โครงการด้านเคมีและชีวเภสัชภัณฑ์ตามวันปฏิบัติงาน	
	MARCH 7 - 8, 2025	
	T25AF105-0001	
11:00-12:00 HOUR	0.0027	
12:00-13:00 HOUR	0.0026	
13:00-14:00 HOUR	0.0026	
14:00-15:00 HOUR	0.0024	
15:00-16:00 HOUR	0.0024	
16:00-17:00 HOUR	0.0025	
17:00-18:00 HOUR	0.0026	
18:00-19:00 HOUR	0.0027	
19:00-20:00 HOUR	0.0025	
20:00-21:00 HOUR	0.0026	
21:00-22:00 HOUR	0.0027	
22:00-23:00 HOUR	0.0030	
23:00-00:00 HOUR	0.0027	
00:00-01:00 HOUR	0.0027	
01:00-02:00 HOUR	0.0024	
02:00-03:00 HOUR	0.0023	
03:00-04:00 HOUR	0.0021	
04:00-05:00 HOUR	0.0020	
05:00-06:00 HOUR	0.0020	
06:00-07:00 HOUR	0.0023	
07:00-08:00 HOUR	0.0024	
08:00-09:00 HOUR	0.0026	
09:00-10:00 HOUR	0.0028	
10:00-11:00 HOUR	0.0029	
AVERAGE 24 HOUR	0.0025	

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CONTACT INFORMATION : TEL : 063 997 9715 e-mail : ghe.encony@encony.com  
MEASURING PLACE : ภายในพื้นที่โครงการด้านเคมีและชีวเภสัชภัณฑ์ตามวันปฏิบัติงาน  
MEASURING TYPE : AMBIENT (AIR)  
MEASURING DATE : MARCH 7-8, 2025  
MEASURING TIME : \*  
MEASURING METHOD : CHEMILUMINESCENCE  
MEASURED BY : MR NATTHAPONG CHAKUNTHOD  
RECEIVED DATE : MARCH 7-8, 2025  
ANALYTICAL DATE : MARCH 7-8, 2025  
ISSUE DATE : MARCH 19, 2025  
REPORT NO. : 2025-U02721  
WORK NO. : 2024-010117  
ANALYSIS NO. : T25AF105-0001

TIME *	RESULT (ppm)	
	NITROGEN DIOXIDE	
	ภายในพื้นที่โครงการด้านเคมีและชีวเภสัชภัณฑ์ตามวันปฏิบัติงาน	
	MARCH 7 - 8, 2025	
	T25AF105-0001	
11:00-12:00 HOUR	0.0072	
12:00-13:00 HOUR	0.0062	
13:00-14:00 HOUR	0.0051	
14:00-15:00 HOUR	0.0049	
15:00-16:00 HOUR	0.0051	
16:00-17:00 HOUR	0.0049	
17:00-18:00 HOUR	0.0052	
18:00-19:00 HOUR	0.0054	
19:00-20:00 HOUR	0.0067	
20:00-21:00 HOUR	0.0078	
21:00-22:00 HOUR	0.0087	
22:00-23:00 HOUR	0.0086	
23:00-00:00 HOUR	0.0080	
00:00-01:00 HOUR	0.0074	
01:00-02:00 HOUR	0.0065	
02:00-03:00 HOUR	0.0060	
03:00-04:00 HOUR	0.0055	
04:00-05:00 HOUR	0.0049	
05:00-06:00 HOUR	0.0046	
06:00-07:00 HOUR	0.0044	
07:00-08:00 HOUR	0.0051	
08:00-09:00 HOUR	0.0061	
09:00-10:00 HOUR	0.0070	
10:00-11:00 HOUR	0.0080	

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NSC-TISI-TIS 17025  
TESTING 0207

ANALYSIS REPORT

**CUSTOMER NAME** : ENERGY COMPLEX COMPANY LIMITED  
**ADDRESS** : 555/1 VIBHAVADI-RANGSIT ROAD CHATUCHAK BANGKOK 10900  
**CONTACT INFORMATION** : TEL : 063 997 9715 e-mail : gshe.encomy@encomy.com  
**MEASURING PLACE** : ภายในพื้นที่โครงการด้านอาคารและสิ่งแวดล้อมภายในบริเวณพื้นที่  
**MEASURING TYPE** : AMBIENT (AIR)  
**MEASURING DATE** : MARCH 7-8, 2025  
**MEASURING TIME** : \*  
**MEASURING METHOD** : NON-DISPERSIVE INFRARED DETECTION  
**MEASURED BY** : MR NATTHAPONG CHAKUNTODH

**RECEIVED DATE** : MARCH 7-8, 2025  
**ANALYTICAL DATE** : MARCH 7-8, 2025  
**ISSUE DATE** : MARCH 19, 2025  
**REPORT NO.** : 2025-U022722  
**WORK NO.** : 2024-010117  
**ANALYSIS NO.** : T25AF105-0001

TIME *	RESULT (ppm)	
	CARBON MONOXIDE	
ภายในพื้นที่โครงการด้านอาคารและสิ่งแวดล้อมภายในบริเวณพื้นที่		
MARCH 7 - 8, 2025		
T25AF105-0001		
11:00-12:00 HOUR	1.54	1.54
12:00-13:00 HOUR	1.44	1.44
13:00-14:00 HOUR	1.37	1.37
14:00-15:00 HOUR	1.34	1.34
15:00-16:00 HOUR	1.37	1.37
16:00-17:00 HOUR	1.43	1.43
17:00-18:00 HOUR	1.51	1.51
18:00-19:00 HOUR	1.51	1.51
19:00-20:00 HOUR	1.49	1.49
20:00-21:00 HOUR	1.47	1.47
21:00-22:00 HOUR	1.50	1.50
22:00-23:00 HOUR	1.52	1.52
23:00-00:00 HOUR	1.44	1.44
00:00-01:00 HOUR	1.38	1.38
01:00-02:00 HOUR	1.30	1.30
02:00-03:00 HOUR	1.29	1.29
03:00-04:00 HOUR	1.29	1.29
04:00-05:00 HOUR	1.29	1.29
05:00-06:00 HOUR	1.31	1.31
06:00-07:00 HOUR	1.34	1.34
07:00-08:00 HOUR	1.45	1.45
08:00-09:00 HOUR	1.53	1.53
09:00-10:00 HOUR	1.52	1.52
10:00-11:00 HOUR	1.42	1.42



\* : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)  
REMARK : REFERENCE CONDITION IS 25 DEGREE CELSIUS AT 1 ATMOSPHERE.  
TSP, PM10 : SAMPLING FROM 1100 HOUR ON MARCH 7, 2025 TO 1100 HOUR ON MARCH 8, 2025.

ISO 9001:2015 CERTIFIED  
ISO 14001:2015 CERTIFIED  
BY ISO GROUP (THAILAND) CO., LTD.

ANALYSIS REPORT

**CUSTOMER NAME** : ENERGY COMPLEX COMPANY LIMITED  
**ADDRESS** : 555/1 VIBHAVADI-RANGSIT ROAD CHATUCHAK BANGKOK 10900  
**CONTACT INFORMATION** : TEL : 063 997 9715 e-mail : gshe.encomy@encomy.com  
**SAMPLING SOURCE** : ภายในพื้นที่โครงการด้านอาคารและสิ่งแวดล้อมภายในบริเวณพื้นที่  
**SAMPLE TYPE** : AMBIENT  
**SAMPLING DATE** : \*  
**SAMPLING TIME** : \*  
**SAMPLING BY** : MR NATTHAPONG CHAKUNTODH  
**ANALYZED BY** : MISS JETJARAN TUNSA-AT

**RECEIVED DATE** : MARCH 10, 2025  
**ANALYTICAL DATE** : MARCH 10-14, 2025  
**ISSUE DATE** : MARCH 18, 2025  
**REPORT NO.** : 2025-U023003  
**WORK NO.** : 2024-010117  
**ANALYSIS NO.** : T25AF105-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT
TOTAL SUSPENDED PARTICULATE MATTER*	mg/m <sup>3</sup>	US EPA, CODE OF FEDERAL REGULATIONS, 40 CFR CHAPTER I PART 50 APPENDIX B, REFERENCE METHOD FOR THE DETERMINATION OF SUSPENDED PARTICULATE MATTER IN THE ATMOSPHERE (HIGH-VOLUME METHOD) REVISED AS OF JULY 1, 2021.	ภายในพื้นที่โครงการด้านอาคารและสิ่งแวดล้อม T25AF105-0001 0.045
PARTICULATE MATTER as PM10 (≤ 10 µm)*	mg/m <sup>3</sup>	US EPA, CODE OF FEDERAL REGULATIONS, 40 CFR CHAPTER I PART 50 APPENDIX J, REFERENCE METHOD FOR THE DETERMINATION OF PARTICULATE MATTER AS PM10 IN THE ATMOSPHERE (HIGH-VOLUME METHOD) REVISED AS OF JULY 1, 2021.	0.031
SAMPLE CONDITION			COMPLETE

\* : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)  
REMARK : REFERENCE CONDITION IS 25 DEGREE CELSIUS AT 1 ATMOSPHERE.  
TSP, PM10 : SAMPLING FROM 1100 HOUR ON MARCH 7, 2025 TO 1100 HOUR ON MARCH 8, 2025.



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HSO-TSI-TIS 17025  
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### ANALYSIS REPORT

**CUSTOMER NAME** : ENERGY COMPLEX COMPANY LIMITED  
**ADDRESS** : 555/1 VIBHAVADI-RANGSIT ROAD CHATUCHAK BANGKOK 10900  
**CONTACT INFORMATION** : TEL : 063 997 9715 e-mail : qshie.encony@encony.com  
**MEASURING PLACE** : ENERGY COMPLEX COMPANY LIMITED  
**MEASURING TYPE** : WORKPLACE (HEAT STRESS)  
**MEASURING TIME** : APRIL 21, 2025  
**MEASURING EQUIPMENT** : \*  
**MEASURED BY** : WET BULB GLOBE TEMPERATURE \*\*  
: MISS PORNIPOL PRACHAPAN

**RECEIVED DATE** : APRIL 21, 2025  
**ANALYTICAL DATE** : APRIL 21, 2025  
**ISSUE DATE** : APRIL 23, 2025  
**REPORT NO.** : 2025-U035086  
**WORK NO.** : 2024-010117  
**ANALYSIS NO.** : T25A473-0001 - T25A473-0002

ANALYSIS NO.	MEASURING SITE	DURATION TIME*	RESULT (DEGREE CELSIUS)				
			NWB <sup>†</sup>	DB <sup>‡</sup>	GT <sup>§</sup>	WBGT <sup>  </sup>	WBGT Avg
T25A473-0001	หน้าห้อง (หน้าห้องปรับอากาศ)	10:05-12:05 HOUR	22.9	28.9	30.5	25.1	25.1
T25A473-0002	หน้าห้อง (หน้าห้องปรับอากาศ)	10:00-12:00 HOUR	27.8	35.0	35.4	30.1	30.1

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).

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### ANALYSIS REPORT

**CUSTOMER NAME** : ENERGY COMPLEX COMPANY LIMITED  
**ADDRESS** : 555/1 VIBHAVADI-RANGSIT ROAD CHATUCHAK BANGKOK 10900  
**CONTACT INFORMATION** : TEL : 063 997 9715 e-mail : qshie.encony@encony.com  
**SAMPLING SOURCE** : BWH1 A  
**SAMPLE TYPE** : WORKPLACE  
**SAMPLING DATE** : APRIL 21, 2025  
**SAMPLING TIME** : 08:20-08:50 HOUR  
**SAMPLING BY** : MISS PORNIPOL PRACHAPAN  
**ANALYZED BY** : MISS SUWAN KONGTHONG  
**RECEIVED DATE** : APRIL 22, 2025  
**ANALYTICAL DATE** : APRIL 22-25, 2025  
**ISSUE DATE** : MAY 6, 2025  
**REPORT NO.** : 2025-U038419  
**WORK NO.** : 2024-010117  
**ANALYSIS NO.** : T25A474-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT
CHLORINE	ppm	ION CHROMATOGRAPHIC METHOD (NIOSH METHOD 8011)	T25A474-0001 < 0.001
SAMPLE CONDITION			COMPLETE

REMARK : REFERENCE CONDITION IS 25 DEGREE CELSIUS AT 1 ATMOSPHERE

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## ANALYSIS REPORT

**CUSTOMER NAME** : ENERGY COMPLEX COMPANY LIMITED  
**ADDRESS** : 555/1 VIBHAVADI-RANGSIT ROAD CHATUCHAK BANGKOK 10900  
**CONTACT INFORMATION** : TEL : 063 997 9715 e-mail : qhe.encony@encony.com  
**SAMPLING SOURCE** : BANGKOK  
**SAMPLE TYPE** : WORKPLACE  
**SAMPLING DATE** : APRIL 21, 2025  
**SAMPLING TIME** : 08:26-09:56 HOUR  
**SAMPLING BY** : MISS PORNPOL PRACHAPAN  
**ANALYZED BY** : MISS SUWAN KONGTHONG  
**RECEIVED DATE** : APRIL 22, 2025  
**ANALYTICAL DATE** : APRIL 22-25, 2025  
**ISSUE DATE** : MAY 6, 2025  
**REPORT NO.** : 2025-U038420  
**WORK NO.** : 2024-010117  
**ANALYSIS NO.** : T25A474-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT
CHLORINE	ppm	ION CHROMATOGRAPHIC METHOD (NIOSH METHOD 8011)	T25A474-0002 < 0.001
SAMPLE CONDITION			COMPLETE

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

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## ANALYSIS REPORT

**CUSTOMER NAME** : ENERGY COMPLEX COMPANY LIMITED  
**ADDRESS** : 555/1 VIBHAVADI-RANGSIT ROAD CHATUCHAK BANGKOK 10900  
**CONTACT INFORMATION** : TEL : 063 997 9715 e-mail : qhe.encony@encony.com  
**SAMPLING SOURCE** : BANGKOK  
**SAMPLE TYPE** : WORKPLACE  
**SAMPLING DATE** : APRIL 21, 2025  
**SAMPLING TIME** : 08:25-09:55 HOUR  
**SAMPLING BY** : MISS PORNPOL PRACHAPAN  
**ANALYZED BY** : MISS SUWAN KONGTHONG  
**RECEIVED DATE** : APRIL 22, 2025  
**ANALYTICAL DATE** : APRIL 22-25, 2025  
**ISSUE DATE** : MAY 6, 2025  
**REPORT NO.** : 2025-U038421  
**WORK NO.** : 2024-010117  
**ANALYSIS NO.** : T25A474-0003

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT
CHLORINE	ppm	ION CHROMATOGRAPHIC METHOD (NIOSH METHOD 8011)	T25A474-0003 < 0.001
SAMPLE CONDITION			COMPLETE

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

NO RECORDS CERTIFIED  
ISO 14001:2015 CERTIFIED  
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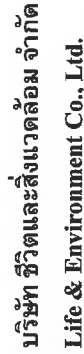
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LABORATORY SUPERVISOR



:	:	SEN/Lab/68-058
:	:	24 เมษายน 2568
:	:	28-29 เมษายน 2568
:	:	บริษัท ยูไนเต็ด แอ
:	:	บริษัท สวีตและสิ่ง
:	:	Asbestos ให้ Phao
:	:	Working Area

Asbestos (Fiber/cc)	0.0084
------------------------	--------

บริษัท ชีวิตและสิ่งแวดล้อม จำกัด  
ใบอนุญาตเลขที่ 0202-03-2565-0038

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CUSTOMER NAME

ADDRESS

CONTACT INFORMATION

MEASURING PLACE

MEASURING TYPE

MEASURING DATE

MEASURING TIME

MEASURING EQUIPMENT

MEASURED BY

: ENERGY COMPLEX COMPANY LIMITED

: 555/1 VIBHAVADI-RANGSIT ROAD CHATUCHAK BANGKOK 10900

: TEL : 063 997 9715 e-mail : ashie.ercnony@ercnony.com

: ENERGY COMPLEX COMPANY LIMITED

: WORKPLACE (NOISE DOSE)

: JUNE 9, 2025

: \*

: NOISE DOSE METER\*\*

: NISS NAPASSORN SRISATHAN

RECEIVED DATE

ANALYTICAL DATE

ISSUE DATE

REPORT NO.

WORK NO.

ANALYSIS NO.

: JUN

: JUN

: JUN

: 2025

: 2025

: T25

RESULT	$L_{max} (dB(A))^\circ$	DOSE (%) <sup>c</sup>
	92.2	0.38
	101	7.45

a. <sup>1</sup> SOURCE: 1925 ACQUIRED BY THE INDUSTRIAL STANDARD INSTITUTE (1530)  
 b. <sup>2</sup> VERIFIED BY OWN LABORATORY 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).

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ISO 45001  
Occupational  
Health and Safety  
Management  
Systems  
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## ANALYSIS REPORT

**CUSTOMER NAME** : ENERGY COMPLEX COMPANY LIMITED  
**ADDRESS** : 555/1 VIBHAVADI-RANGSIT ROAD CHATUCHAK BANGKOK 10900  
**CONTACT INFORMATION** : TEL : 063 997 9715 e-mail : qshie.enrcom@enrcom.com  
**MEASURING PLACE** : ENERGY COMPLEX COMPANY LIMITED  
**MEASURING TYPE** : WORKPLACE (NOISE DOSE)  
**MEASURING DATE** : JUNE 10, 2025  
**MEASURING TIME** : \*  
**MEASURING EQUIPMENT** : NOISE DOSE METER\*\*  
**MEASURED BY** : MISS NAPASSORN SRISATHAN

**RECEIVED DATE** : JUNE 10, 2025  
**ANALYTICAL DATE** : JUNE 10, 2025  
**ISSUE DATE** : JUNE 18, 2025  
**REPORT NO.** : 2025-U054718  
**WORK NO.** : 2024-010117  
**ANALYSIS NO.** : T25AN060-0001, T25AN060-0013

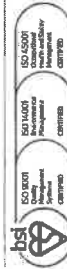
ANALYSIS NO.	MEASURING SITE	TIME* (HOUR)	RESULT		
			TWA* a hour (dB(A))	L <sub>max</sub> (dB(A))	DOSE (%)
T25AN060-0001	สถานที่ A (หน้าอาคาร โรงงาน)	08:30-16:30	88.8	98.8	2.42
T25AN060-0003	สถานที่ E (หน้าอาคาร โรงงาน)	08:35-16:35	70.0	110	3.09

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

\*\* 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).



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## ANALYSIS REPORT

**CUSTOMER NAME** : ENERGY COMPLEX COMPANY LIMITED  
**ADDRESS** : 555/1 VIBHAVADI-RANGSIT ROAD CHATUCHAK BANGKOK 10900  
**CONTACT INFORMATION** : TEL : 063 997 9715 e-mail : qshie.enrcom@enrcom.com  
**MEASURING PLACE** : ENERGY COMPLEX COMPANY LIMITED  
**MEASURING TYPE** : WORKPLACE (NOISE DOSE)  
**MEASURING DATE** : JUNE 11, 2025  
**MEASURING TIME** : \*  
**MEASURING EQUIPMENT** : NOISE DOSE METER\*\*  
**MEASURED BY** : MISS NAPASSORN SRISATHAN

**RECEIVED DATE** : JUNE 11, 2025  
**ANALYTICAL DATE** : JUNE 11, 2025  
**ISSUE DATE** : JUNE 18, 2025  
**REPORT NO.** : 2025-U054719  
**WORK NO.** : 2024-010117  
**ANALYSIS NO.** : T25AN060-0005 - T25AN060-0006

ANALYSIS NO.	MEASURING SITE	TIME* (HOUR)	RESULT		
			TWA* a hour (dB(A))	L <sub>max</sub> (dB(A))	DOSE (%)
T25AN060-0005	สถานที่ G (หน้าอาคาร โรงงาน)	08:45-16:45	70.2	100	3.32
T25AN060-0006	สถานที่ H (หน้าอาคาร โรงงาน)	08:40-16:40	76.9	98.4	15.5

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\*\* 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).



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## ANALYSIS REPORT

**CUSTOMER NAME** : ENERGY COMPLEX COMPANY LIMITED  
**ADDRESS** : 553/1 VIBHAVADI-RANGSIT ROAD CHATUCHAK BANGKOK 10900  
**CONTACT INFORMATION** : TEL : 063 997 9715 e-mail : ghe.encony@encony.com  
**MEASURING PLACE** : ENERGY COMPLEX COMPANY LIMITED  
**MEASURING TYPE** : WORKPLACE (LIGHT INTENSITY)  
**MEASURING DATE** : JUNE 12-13, 2025  
**MEASURING TIME** : JUNE 12-13, 2025  
**MEASURING EQUIPMENT** : \*  
**MEASURED BY** : LUX METER\*\*  
: MISS NAPASSORN SRISATHAN  
**RECEIVED DATE** : JUNE 12-13, 2025  
**ANALYTICAL DATE** : JUNE 12-13, 2025  
**ISSUE DATE** : JUNE 25, 2025  
**REPORT NO.** : 2025-U055383  
**WORK NO.** : 2024-010117  
**ANALYSIS NO.** : T25ANI45-0001 - T25ANI45-0171

ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			SPOT MEASUREMENT	AREA MEASUREMENT
T25ANI45-0001	บริเวณทางเดินอาคาร E ชั้น 3	21:26 HOUR	-	35
T25ANI45-0002		21:27 HOUR	-	60
T25ANI45-0003		21:28 HOUR	-	83
T25ANI45-0004		21:29 HOUR	-	41
T25ANI45-0005		21:30 HOUR	-	52
T25ANI45-0006		21:31 HOUR	-	65
T25ANI45-0007		21:32 HOUR	-	102
T25ANI45-0008		21:33 HOUR	-	78
T25ANI45-0009		21:34 HOUR	-	49
T25ANI45-0010		21:35 HOUR	-	52
T25ANI45-0011		21:36 HOUR	-	116
T25ANI45-0012		21:37 HOUR	-	89
T25ANI45-0013		21:38 HOUR	-	73
T25ANI45-0014		21:39 HOUR	-	80
AVERAGE			-	70
T25ANI45-0015	บริเวณโถงลิฟต์ อาคาร E ชั้น 3	21:41 HOUR	-	17
T25ANI45-0016		21:42 HOUR	-	11
T25ANI45-0017		21:43 HOUR	-	15
T25ANI45-0018		21:44 HOUR	-	13
T25ANI45-0019		21:45 HOUR	-	16
T25ANI45-0020		21:46 HOUR	-	38
T25ANI45-0021		21:47 HOUR	-	19
T25ANI45-0022		21:48 HOUR	-	20
T25ANI45-0023		21:49 HOUR	-	21
AVERAGE			-	17
T25ANI45-0024	บริเวณโถงลิฟต์ 2 อาคาร E ชั้น 3	21:51 HOUR	-	9
T25ANI45-0025		21:52 HOUR	-	8
T25ANI45-0026		21:53 HOUR	-	9
T25ANI45-0027		21:54 HOUR	-	8

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## ANALYSIS REPORT

**CUSTOMER NAME** : ENERGY COMPLEX COMPANY LIMITED  
**ADDRESS** : 553/1 VIBHAVADI-RANGSIT ROAD CHATUCHAK BANGKOK 10900  
**CONTACT INFORMATION** : TEL : 063 997 9715 e-mail : ghe.encony@encony.com  
**MEASURING PLACE** : ENERGY COMPLEX COMPANY LIMITED  
**MEASURING TYPE** : WORKPLACE (LIGHT INTENSITY)  
**MEASURING DATE** : JUNE 12-13, 2025  
**MEASURING TIME** : JUNE 12-13, 2025  
**MEASURING EQUIPMENT** : \*  
**MEASURED BY** : LUX METER\*\*  
: MISS NAPASSORN SRISATHAN  
**RECEIVED DATE** : JUNE 12-13, 2025  
**ANALYTICAL DATE** : JUNE 12-13, 2025  
**ISSUE DATE** : JUNE 25, 2025  
**REPORT NO.** : 2025-U055383  
**WORK NO.** : 2024-010117  
**ANALYSIS NO.** : T25ANI45-0001 - T25ANI45-0171

ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			SPOT MEASUREMENT	AREA MEASUREMENT
	บริเวณทางเดินอาคาร E ชั้น 3			
T25ANI45-0001	POINT 1	21:26 HOUR	-	35
T25ANI45-0002	POINT 2	21:27 HOUR	-	60
T25ANI45-0003	POINT 3	21:28 HOUR	-	83
T25ANI45-0004	POINT 4	21:29 HOUR	-	41
T25ANI45-0005	POINT 5	21:30 HOUR	-	52
T25ANI45-0006	POINT 6	21:31 HOUR	-	65
T25ANI45-0007	POINT 7	21:32 HOUR	-	102
T25ANI45-0008	POINT 8	21:33 HOUR	-	78
T25ANI45-0009	POINT 9	21:34 HOUR	-	49
T25ANI45-0010	POINT 10	21:35 HOUR	-	52
T25ANI45-0011	POINT 11	21:36 HOUR	-	116
T25ANI45-0012	POINT 12	21:37 HOUR	-	89
T25ANI45-0013	POINT 13	21:38 HOUR	-	73
T25ANI45-0014	POINT 14	21:39 HOUR	-	80
	AVERAGE		-	70
	บริเวณโถงลิฟท์ 1 อาคาร E ชั้น 3			
T25ANI45-0015	POINT 1	21:41 HOUR	-	17
T25ANI45-0016	POINT 2	21:42 HOUR	-	11
T25ANI45-0017	POINT 3	21:43 HOUR	-	15
T25ANI45-0018	POINT 4	21:44 HOUR	-	13
T25ANI45-0019	POINT 5	21:45 HOUR	-	16
T25ANI45-0020	POINT 6	21:46 HOUR	-	18
T25ANI45-0021	POINT 7	21:47 HOUR	-	19
T25ANI45-0022	POINT 8	21:48 HOUR	-	20
T25ANI45-0023	POINT 9	21:49 HOUR	-	21
	AVERAGE		-	17
	บริเวณโถงลิฟท์ 2 อาคาร E ชั้น 3			
T25ANI45-0024	POINT 1	21:51 HOUR	-	9
T25ANI45-0025	POINT 2	21:52 HOUR	-	8
T25ANI45-0026	POINT 3	21:53 HOUR	-	9
T25ANI45-0027	POINT 4	21:54 HOUR	-	8

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ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)		
			SPOT MEASUREMENT	AREA MEASUREMENT	
T25ANL45-0061	POINT 8	22:33 HOUR	-	266	
T25ANL45-0062	POINT 9	22:34 HOUR	-	217	
T25ANL45-0063	POINT 10	22:35 HOUR	-	230	
T25ANL45-0064	POINT 11	22:36 HOUR	-	279	
T25ANL45-0065	POINT 12	22:37 HOUR	-	271	
T25ANL45-0066	POINT 13	22:38 HOUR	-	217	
T25ANL45-0067	POINT 14	22:39 HOUR	-	248	
AVERAGE			-	253	
บริเวณโหล่งน้ำ 1 อาคาร E ชั้น 4					
T25ANL45-0068	POINT 1	22:41 HOUR	-	12	
T25ANL45-0069	POINT 2	22:42 HOUR	-	17	
T25ANL45-0070	POINT 3	22:43 HOUR	-	19	
T25ANL45-0071	POINT 4	22:44 HOUR	-	19	
T25ANL45-0072	POINT 5	22:45 HOUR	-	15	
T25ANL45-0073	POINT 6	22:46 HOUR	-	13	
T25ANL45-0074	POINT 7	22:47 HOUR	-	15	
T25ANL45-0075	POINT 8	22:48 HOUR	-	16	
T25ANL45-0076	POINT 9	22:49 HOUR	-	15	
AVERAGE			-	15	
บริเวณโหล่งน้ำ 2 อาคาร E ชั้น 4					
T25ANL45-0077	POINT 1	22:51 HOUR	-	15	
T25ANL45-0078	POINT 2	22:52 HOUR	-	13	
T25ANL45-0079	POINT 3	22:53 HOUR	-	17	
T25ANL45-0080	POINT 4	22:54 HOUR	-	18	
T25ANL45-0081	POINT 5	22:55 HOUR	-	21	
T25ANL45-0082	POINT 6	22:56 HOUR	-	23	
T25ANL45-0083	POINT 7	22:57 HOUR	-	15	
T25ANL45-0084	POINT 8	22:58 HOUR	-	16	
T25ANL45-0085	POINT 9	22:59 HOUR	-	10	
AVERAGE			-	17	
บริเวณโหล่งน้ำ 3 อาคาร E ชั้น 4					
T25ANL45-0086	POINT 1	23:01 HOUR	-	13	
T25ANL45-0087	POINT 2	23:02 HOUR	-	17	
T25ANL45-0088	POINT 3	23:03 HOUR	-	23	
T25ANL45-0089	POINT 4	23:04 HOUR	-	25	
T25ANL45-0090	POINT 5	23:05 HOUR	-	28	
T25ANL45-0091	POINT 6	23:06 HOUR	-	21	



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ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)		
			SPOT MEASUREMENT	AREA MEASUREMENT	
T25ANL45-0092	POINT 7	23:07 HOUR	-	22	
T25ANL45-0093	POINT 8	23:08 HOUR	-	26	
T25ANL45-0094	POINT 9	23:09 HOUR	-	26	
AVERAGE			-	22	
บริเวณโหล่งน้ำ อาคาร ก ชั้น 2					
T25ANL45-0095	POINT 1	23:11 HOUR	-	6	
T25ANL45-0096	POINT 2	23:12 HOUR	-	4	
T25ANL45-0097	POINT 3	23:13 HOUR	-	3	
T25ANL45-0098	POINT 4	23:14 HOUR	-	8	
T25ANL45-0099	POINT 5	23:15 HOUR	-	4	
T25ANL45-0100	POINT 6	23:16 HOUR	-	4	
T25ANL45-0101	POINT 7	23:17 HOUR	-	9	
T25ANL45-0102	POINT 8	23:18 HOUR	-	7	
T25ANL45-0103	POINT 9	23:19 HOUR	-	5	
T25ANL45-0104	POINT 10	23:20 HOUR	-	2	
T25ANL45-0105	POINT 11	23:21 HOUR	-	5	
T25ANL45-0106	POINT 12	23:22 HOUR	-	8	
T25ANL45-0107	POINT 13	23:23 HOUR	-	3	
T25ANL45-0108	POINT 14	23:24 HOUR	-	5	
T25ANL45-0109	POINT 15	23:25 HOUR	-	7	
T25ANL45-0110	POINT 16	23:26 HOUR	-	7	
T25ANL45-0111	POINT 17	23:27 HOUR	-	2	
T25ANL45-0112	POINT 18	23:28 HOUR	-	5	
T25ANL45-0113	POINT 19	23:29 HOUR	-	2	
T25ANL45-0114	POINT 20	23:30 HOUR	-	3	
T25ANL45-0115	POINT 21	23:31 HOUR	-	2	
AVERAGE			-	5	
บริเวณโหล่งน้ำ อาคาร ก ชั้น 3					
T25ANL45-0116	POINT 1	23:33 HOUR	-	3	
T25ANL45-0117	POINT 2	23:34 HOUR	-	3	
T25ANL45-0118	POINT 3	23:35 HOUR	-	2	
T25ANL45-0119	POINT 4	23:36 HOUR	-	4	
T25ANL45-0120	POINT 5	23:37 HOUR	-	2	
T25ANL45-0121	POINT 6	23:38 HOUR	-	5	
T25ANL45-0122	POINT 7	23:39 HOUR	-	3	
T25ANL45-0123	POINT 8	23:40 HOUR	-	2	
T25ANL45-0124	POINT 9	23:41 HOUR	-	2	
T25ANL45-0125	POINT 10	23:42 HOUR	-	4	
T25ANL45-0126	POINT 11	23:43 HOUR	-	6	
T25ANL45-0127	POINT 12	23:44 HOUR	-	7	
T25ANL45-0128	POINT 13	23:45 HOUR	-	7	
T25ANL45-0129	POINT 14	23:46 HOUR	-	7	
T25ANL45-0130	POINT 15	23:47 HOUR	-	5	



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MSC-TISI-TIS 17025  
TESTING 0207

ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			SPOT MEASUREMENT	AREA MEASUREMENT
T25ANL45-0131	POINT 16	23:48 HOUR	-	6
T25ANL45-0132	POINT 17	23:49 HOUR	-	5
T25ANL45-0133	POINT 18	23:50 HOUR	-	4
T25ANL45-0134	POINT 19	23:51 HOUR	-	2
T25ANL45-0135	POINT 20	23:52 HOUR	-	4
T25ANL45-0136	POINT 21	23:53 HOUR	-	7
	AVERAGE		-	4
พื้นที่วัดค่าแสงสว่าง ชั้น 3 - ชั้น 4				
T25ANL45-0137	POINT 1	23:55 HOUR	-	6
T25ANL45-0138	POINT 2	23:56 HOUR	-	4
T25ANL45-0139	POINT 3	23:57 HOUR	-	2
T25ANL45-0140	POINT 4	23:58 HOUR	-	7
T25ANL45-0141	POINT 5	23:59 HOUR	-	2
T25ANL45-0142	POINT 6	00:00 HOUR	-	3
T25ANL45-0143	POINT 7	00:01 HOUR	-	5
T25ANL45-0144	POINT 8	00:02 HOUR	-	3
T25ANL45-0145	POINT 9	00:03 HOUR	-	7
T25ANL45-0146	POINT 10	00:04 HOUR	-	4
T25ANL45-0147	POINT 11	00:05 HOUR	-	7
T25ANL45-0148	POINT 12	00:06 HOUR	-	3
T25ANL45-0149	POINT 13	00:07 HOUR	-	3
T25ANL45-0150	POINT 14	00:08 HOUR	-	3
T25ANL45-0151	POINT 15	00:09 HOUR	-	7
T25ANL45-0152	POINT 16	00:10 HOUR	-	4
T25ANL45-0153	POINT 17	00:11 HOUR	-	5
T25ANL45-0154	POINT 18	00:12 HOUR	-	8
T25ANL45-0155	POINT 19	00:13 HOUR	-	6
T25ANL45-0156	POINT 20	00:14 HOUR	-	3
T25ANL45-0157	POINT 21	00:15 HOUR	-	3
	AVERAGE		-	5
พื้นที่วัดค่าแสงสว่าง ชั้น E				
T25ANL45-0158	POINT 1	00:17 HOUR	-	28
T25ANL45-0159	POINT 2	00:18 HOUR	-	30
T25ANL45-0160	POINT 3	00:19 HOUR	-	31
T25ANL45-0161	POINT 4	00:20 HOUR	-	29
T25ANL45-0162	POINT 5	00:21 HOUR	-	31
T25ANL45-0163	POINT 6	00:22 HOUR	-	27
	AVERAGE		-	25
พื้นที่วัดค่าแสงสว่าง ชั้น F				
T25ANL45-0164	POINT 1	00:24 HOUR	-	54
T25ANL45-0165	POINT 2	00:25 HOUR	-	60
T25ANL45-0166	POINT 3	00:26 HOUR	-	87
T25ANL45-0167	POINT 4	00:27 HOUR	-	78



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2025-U055383



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ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			SPOT MEASUREMENT	AREA MEASUREMENT
T25ANL45-0168	POINT 5	00:28 HOUR	-	81
T25ANL45-0169	POINT 6	00:29 HOUR	-	88
	AVERAGE		-	75
T25ANL45-0170	พื้นที่วัดค่าแสงสว่าง ชั้น 10	00:31 HOUR	103	-
T25ANL45-0171	พื้นที่วัดค่าแสงสว่าง ชั้น 10	00:32 HOUR	101	-

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, 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).



LABORATORY SUPERVISOR



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- End of Analysis Report -





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### ANALYSIS REPORT

**CUSTOMER NAME** : ENERGY COMPLEX COMPANY LIMITED  
**ADDRESS** : 55/1 VIBHAVADI-BANGSIT ROAD CHATUCHAK BANGKOK 10900  
**CONTACT INFORMATION** : TEL : 063 997 9715 e-mail : info@laser.com  
**MEASURING PLACE** : ENERGY COMPLEX COMPANY LIMITED  
**MEASURING TYPE** : WORKPLACE (LIGHT INTENSITY)  
**MEASURING DATE** : JUNE 11, 2025  
**MEASURING TIME** : \*  
**MEASURING EQUIPMENT** : LUX METER \*\*  
**MEASURED BY** : MISS WILAWAN KAROM

**RECEIVED DATE** : JUNE 11, 2025  
**ANALYTICAL DATE** : JUNE 11, 2025  
**ISSUE DATE** : JUNE 23, 2025  
**REPORT NO.** : 2025-U056487  
**WORK NO.** : 2024-010117  
**ANALYSIS NO.** : T25ANI46-0001 - T25ANI46-0084

ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			LIGHT INTENSITY	AREA MEASUREMENT
T25ANI46-0001	DAY TIME ห้องประชุมไฟฟ้า อาคาร H ชั้น 1	POINT 1	536	
T25ANI46-0002		POINT 2	1,081	
		AVERAGE	809	
T25ANI46-0003	FIRE PUMP อาคาร H ชั้น 1	POINT 1	116	
T25ANI46-0004		POINT 2	592	
		AVERAGE	354	
T25ANI46-0005	บันไดทางขึ้นลิฟท์ อาคาร H ชั้น 1	POINT 1	462	
T25ANI46-0006		POINT 2	343	
T25ANI46-0007		POINT 3	457	
T25ANI46-0008	บันไดทางขึ้นลิฟท์ อาคาร H ชั้น 1	POINT 4	295	
		AVERAGE	389	
T25ANI46-0009	บันไดทางขึ้นลิฟท์ อาคาร H ชั้น 1	POINT 1	227	
T25ANI46-0010		POINT 2	230	
T25ANI46-0011		POINT 3	183	
T25ANI46-0012	POINT 4	POINT 4	118	
T25ANI46-0013		POINT 5	119	
T25ANI46-0014		POINT 6	114	
T25ANI46-0015	POINT 7	POINT 7	116	
T25ANI46-0016		POINT 8	150	
T25ANI46-0017		POINT 9	142	
T25ANI46-0018	POINT 10	POINT 10	148	
		AVERAGE	155	
T25ANI46-0019	บันไดทางขึ้นลิฟท์ อาคาร H ชั้น 2	POINT 1	620	
T25ANI46-0020		POINT 2	982	
T25ANI46-0021		POINT 3	1,316	

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**MEASURING TYPE** : WORKPLACE (LIGHT INTENSITY)  
**MEASURING DATE** : JUNE 11, 2025  
**MEASURING TIME** : \*  
**MEASURING EQUIPMENT** : LUX METER \*\*  
**MEASURED BY** : MISS WILAWAN KAROM

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**ANALYSIS NO.** : T25ANI46-0001 - T25ANI46-0084

ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			LIGHT INTENSITY	AREA MEASUREMENT
T25ANI46-0022	POINT 4	POINT 4	1,380	
T25ANI46-0023		POINT 5	683	
T25ANI46-0024		POINT 6	580	
	ห้องประชุมไฟฟ้า อาคาร H ชั้น 2	AVERAGE	929	
T25ANI46-0025		POINT 1	256	
T25ANI46-0026		POINT 2	208	
	บันไดทางขึ้นลิฟท์ อาคาร H ชั้น 2	AVERAGE	232	
T25ANI46-0027		POINT 1	411	
T25ANI46-0028		POINT 2	288	
T25ANI46-0029	POINT 3	POINT 3	489	
T25ANI46-0030		POINT 4	254	
		AVERAGE	361	
T25ANI46-0031	บันไดทางขึ้นลิฟท์ อาคาร H ชั้น 2	POINT 1	297	
T25ANI46-0032		POINT 2	311	
T25ANI46-0033		POINT 3	288	
T25ANI46-0034	POINT 4	POINT 4	268	
T25ANI46-0035		POINT 5	254	
T25ANI46-0036		POINT 6	208	
T25ANI46-0037	POINT 7	POINT 7	214	
T25ANI46-0038		POINT 8	199	
T25ANI46-0039		POINT 9	167	
T25ANI46-0040	POINT 10	POINT 10	107	
		AVERAGE	231	
T25ANI46-0041	บันไดทางขึ้นลิฟท์ อาคาร H ชั้น 3	POINT 1	925	
T25ANI46-0042		POINT 2	1,348	
T25ANI46-0043		POINT 3	1,723	
T25ANI46-0044	POINT 4	POINT 4	1,794	
T25ANI46-0045		POINT 5	1,016	
T25ANI46-0046		POINT 6	538	
	ห้องประชุมไฟฟ้า อาคาร H ชั้น 3	AVERAGE	1,224	
T25ANI46-0047		POINT 1	276	
T25ANI46-0048		POINT 2	459	
	บันไดทางขึ้นลิฟท์ อาคาร H ชั้น 3	AVERAGE	368	
T25ANI46-0049		POINT 1	411	
T25ANI46-0050		POINT 2	409	
T25ANI46-0051		POINT 3	477	

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ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			LIGHT INTENSITY	AREA MEASUREMENT
T25ANI46-0052	POINT 4	10:31 HOUR	448	
	AVERAGE		436	
บริเวณทางเดินอาคาร H ชั้น 3				
T25ANI46-0053	POINT 1	10:33 HOUR	349	
T25ANI46-0054	POINT 2	10:34 HOUR	301	
T25ANI46-0055	POINT 3	10:35 HOUR	286	
T25ANI46-0056	POINT 4	10:36 HOUR	268	
T25ANI46-0057	POINT 5	10:37 HOUR	261	
T25ANI46-0058	POINT 6	10:38 HOUR	169	
T25ANI46-0059	POINT 7	10:39 HOUR	299	
T25ANI46-0060	POINT 8	10:40 HOUR	319	
T25ANI46-0061	POINT 9	10:41 HOUR	217	
T25ANI46-0062	POINT 10	10:42 HOUR	219	
	AVERAGE		269	
บริเวณทางเดิน 3-ชั้น 4 อาคาร H				
T25ANI46-0063	POINT 1	10:44 HOUR	882	
T25ANI46-0064	POINT 2	10:45 HOUR	1,135	
T25ANI46-0065	POINT 3	10:46 HOUR	1,717	
T25ANI46-0066	POINT 4	10:47 HOUR	1,713	
T25ANI46-0067	POINT 5	10:48 HOUR	741	
T25ANI46-0068	POINT 6	10:49 HOUR	542	
	AVERAGE		1,122	
บริเวณประตูบานพับ อาคาร H ชั้น 4				
T25ANI46-0069	POINT 1	10:51 HOUR	116	
T25ANI46-0070	POINT 2	10:52 HOUR	592	
	AVERAGE		354	
บริเวณทางเดินใกล้ตู้ อาคาร H ชั้น 4				
T25ANI46-0071	POINT 1	10:54 HOUR	567	
T25ANI46-0072	POINT 2	10:55 HOUR	363	
T25ANI46-0073	POINT 3	10:56 HOUR	464	
T25ANI46-0074	POINT 4	10:57 HOUR	328	
	AVERAGE		430	
บริเวณทางเดินอาคาร H ชั้น 4				
T25ANI46-0075	POINT 1	10:59 HOUR	338	
T25ANI46-0076	POINT 2	11:00 HOUR	281	
T25ANI46-0077	POINT 3	11:01 HOUR	238	
T25ANI46-0078	POINT 4	11:02 HOUR	231	
T25ANI46-0079	POINT 5	11:03 HOUR	247	
T25ANI46-0080	POINT 6	11:04 HOUR	262	
T25ANI46-0081	POINT 7	11:05 HOUR	229	
T25ANI46-0082	POINT 8	11:06 HOUR	214	



ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			LIGHT INTENSITY	AREA MEASUREMENT
T25ANI46-0083	POINT 9	11:07 HOUR	217	
T25ANI46-0084	POINT 10	11:08 HOUR	224	
	AVERAGE		248	

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).



DISCUSSION/REMARK





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## ANALYSIS REPORT

**CUSTOMER NAME** : ENERGY COMPLEX COMPANY LIMITED  
**ADDRESS** : 553/1 VIBHAVADI-RANGSIT ROAD CHATUCHAK BANGKOK 10900  
**CONTACT INFORMATION** : TEL : 063 997 9715 e-mail : uae@energy.com  
**MEASURING PLACE** : ENERGY COMPLEX COMPANY LIMITED  
**MEASURING TYPE** : WORKPLACE (LIGHT INTENSITY)  
**MEASURING DATE** : JUNE 11, 2025  
**MEASURING TIME** : \*  
**MEASURING EQUIPMENT** : LUX METER \*\*  
**MEASURED BY** : MISS WILAWAN KARAM  
**REPORT NO.** : 2025-U056495  
**WORK NO.** : 2024-010117  
**ANALYSIS NO.** : T25ANI46-0085 - T25ANI46-0337

**RECEIVED DATE** : JUNE 11, 2025  
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ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			LIGHT INTENSITY	AREA MEASUREMENT
T25ANI46-0085	NIGHT TIME ห้องประชุมชั้น 1 อาคาร H ชั้น 1	POINT 1	56	
		POINT 2	49	
		AVERAGE	53	
T25ANI46-0086	ห้อง PUMP อาคาร H ชั้น 1	POINT 1	101	
		POINT 2	58	
		AVERAGE	79	
T25ANI46-0089	บริเวณทางเดินบันได อาคาร H ชั้น 1	POINT 1	184	
		POINT 2	166	
		POINT 3	170	
		POINT 4	146	
T25ANI46-0091		AVERAGE	167	
T25ANI46-0092	บริเวณทางเดินอาคาร H ชั้น 1	POINT 1	149	
		POINT 2	142	
		POINT 3	101	
		POINT 4	100	
T25ANI46-0097		POINT 5	102	
		POINT 6	136	
		POINT 7	117	
		POINT 8	126	
T25ANI46-0099		POINT 9	101	
		POINT 10	100	
		AVERAGE	117	
T25ANI46-0101	บริเวณโถงลิฟต์ 1 อาคาร H ชั้น 1	POINT 1	36	
		POINT 2	37	
		POINT 3	30	
		POINT 4	26	



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## ANALYSIS REPORT

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ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			LIGHT INTENSITY	AREA MEASUREMENT
T25ANI46-0107		POINT 5	35	
		POINT 6	34	
		POINT 7	57	
		POINT 8	68	
T25ANI46-0108		POINT 9	35	
		AVERAGE	40	
T25ANI46-0109	บริเวณโถงลิฟต์ 2 อาคาร H ชั้น 1	POINT 1	37	
		POINT 2	32	
		POINT 3	36	
		POINT 4	30	
T25ANI46-0110		POINT 5	30	
		POINT 6	31	
		POINT 7	26	
		POINT 8	27	
T25ANI46-0111		POINT 9	25	
		AVERAGE	30	
T25ANI46-0112	บริเวณโถงลิฟต์ 3 อาคาร H ชั้น 1	POINT 1	26	
		POINT 2	23	
		POINT 3	30	
		POINT 4	31	
T25ANI46-0113		POINT 5	28	
		POINT 6	25	
		POINT 7	28	
		POINT 8	25	
T25ANI46-0114		POINT 9	26	
		AVERAGE	28	
T25ANI46-0115	บริเวณโถงลิฟต์ 1-ชั้น 2 อาคาร H	POINT 1	102	
		POINT 2	104	
		POINT 3	101	
		POINT 4	102	
T25ANI46-0116		POINT 5	100	
		POINT 6	110	
		AVERAGE	103	
T25ANI46-0117	บริเวณทางเดินบันได อาคาร H ชั้น 2	POINT 1	165	
		POINT 2	170	
		AVERAGE	168	
T25ANI46-0118	บริเวณทางเดินบันได อาคาร H ชั้น 2	POINT 1	148	
		POINT 2	164	



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ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			AREA MEASUREMENT	LIGHT INTENSITY
T25ANI46-0140	POINT 3	20:04 HOUR		306
T25ANI46-0141	POINT 4	20:05 HOUR		154
	AVERAGE			193
บริเวณด้านหน้าอาคาร H ชั้น 2				
T25ANI46-0142	POINT 1	20:07 HOUR		149
T25ANI46-0143	POINT 2	20:08 HOUR		179
T25ANI46-0144	POINT 3	20:09 HOUR		212
T25ANI46-0145	POINT 4	20:10 HOUR		183
T25ANI46-0146	POINT 5	20:11 HOUR		177
T25ANI46-0147	POINT 6	20:12 HOUR		153
T25ANI46-0148	POINT 7	20:13 HOUR		102
T25ANI46-0149	POINT 8	20:14 HOUR		108
T25ANI46-0150	POINT 9	20:15 HOUR		109
T25ANI46-0151	POINT 10	20:16 HOUR		111
	AVERAGE			148
บริเวณโถงด้าน 1 อาคาร H ชั้น 2				
T25ANI46-0152	POINT 1	20:18 HOUR		4
T25ANI46-0153	POINT 2	20:19 HOUR		2
T25ANI46-0154	POINT 3	20:20 HOUR		7
T25ANI46-0155	POINT 4	20:21 HOUR		4
T25ANI46-0156	POINT 5	20:22 HOUR		1
T25ANI46-0157	POINT 6	20:23 HOUR		1
T25ANI46-0158	POINT 7	20:24 HOUR		3
T25ANI46-0159	POINT 8	20:25 HOUR		4
T25ANI46-0160	POINT 9	20:26 HOUR		7
	AVERAGE			4
บริเวณโถงด้าน 2 อาคาร H ชั้น 2				
T25ANI46-0161	POINT 1	20:28 HOUR		6
T25ANI46-0162	POINT 2	20:29 HOUR		9
T25ANI46-0163	POINT 3	20:30 HOUR		7
T25ANI46-0164	POINT 4	20:31 HOUR		2
T25ANI46-0165	POINT 5	20:32 HOUR		2
T25ANI46-0166	POINT 6	20:33 HOUR		6
T25ANI46-0167	POINT 7	20:34 HOUR		8
T25ANI46-0168	POINT 8	20:35 HOUR		4
T25ANI46-0169	POINT 9	20:36 HOUR		3
	AVERAGE			5
บริเวณโถงด้าน 3 อาคาร H ชั้น 2				
T25ANI46-0170	POINT 1	20:38 HOUR		9
T25ANI46-0171	POINT 2	20:39 HOUR		8
T25ANI46-0172	POINT 3	20:40 HOUR		7
T25ANI46-0173	POINT 4	20:41 HOUR		4
T25ANI46-0174	POINT 5	20:42 HOUR		4

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Tel: 02-2763 2821 Fax: 02-2763 2830 www.uaec.com E-mail: uaec@uaec.com

ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			AREA MEASUREMENT	LIGHT INTENSITY
T25ANI46-0175	POINT 6	20:43 HOUR		3
T25ANI46-0176	POINT 7	20:44 HOUR		5
T25ANI46-0177	POINT 8	20:45 HOUR		7
T25ANI46-0178	POINT 9	20:46 HOUR		5
	AVERAGE			6
บริเวณด้านหน้าอาคาร H ชั้น 3				
T25ANI46-0179	POINT 1	20:48 HOUR		101
T25ANI46-0180	POINT 2	20:49 HOUR		103
T25ANI46-0181	POINT 3	20:50 HOUR		102
T25ANI46-0182	POINT 4	20:51 HOUR		100
T25ANI46-0183	POINT 5	20:52 HOUR		101
T25ANI46-0184	POINT 6	20:53 HOUR		155
	AVERAGE			110
บริเวณด้านหน้าอาคาร H ชั้น 3				
T25ANI46-0185	POINT 1	20:55 HOUR		114
T25ANI46-0186	POINT 2	20:56 HOUR		113
	AVERAGE			114
บริเวณด้านหน้าอาคาร H ชั้น 3				
T25ANI46-0187	POINT 1	20:58 HOUR		268
T25ANI46-0188	POINT 2	20:59 HOUR		238
T25ANI46-0189	POINT 3	21:00 HOUR		260
T25ANI46-0190	POINT 4	21:01 HOUR		308
	AVERAGE			268
บริเวณด้านหน้าอาคาร H ชั้น 3				
T25ANI46-0191	POINT 1	21:03 HOUR		245
T25ANI46-0192	POINT 2	21:04 HOUR		213
T25ANI46-0193	POINT 3	21:05 HOUR		207
T25ANI46-0194	POINT 4	21:06 HOUR		229
T25ANI46-0195	POINT 5	21:07 HOUR		232
T25ANI46-0196	POINT 6	21:08 HOUR		153
T25ANI46-0197	POINT 7	21:09 HOUR		253
T25ANI46-0198	POINT 8	21:10 HOUR		285
T25ANI46-0199	POINT 9	21:11 HOUR		174
T25ANI46-0200	POINT 10	21:12 HOUR		199
	AVERAGE			219
บริเวณโถงด้าน 1 อาคาร H ชั้น 3				
T25ANI46-0201	POINT 1	21:14 HOUR		23
T25ANI46-0202	POINT 2	21:15 HOUR		29
T25ANI46-0203	POINT 3	21:16 HOUR		26
T25ANI46-0204	POINT 4	21:17 HOUR		25
T25ANI46-0205	POINT 5	21:18 HOUR		27
T25ANI46-0206	POINT 6	21:19 HOUR		20
T25ANI46-0207	POINT 7	21:20 HOUR		18

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ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			LIGHT INTENSITY	AREA MEASUREMENT
T25ANI46-0208	POINT 8	21:21 HOUR	19	
T25ANI46-0209	POINT 9	21:22 HOUR	22	
	AVERAGE		23	
บริเวณโถงลิฟต์ 2 อาคาร H ชั้น 3				
T25ANI46-0210	POINT 1	21:24 HOUR	4	
T25ANI46-0211	POINT 2	21:25 HOUR	2	
T25ANI46-0212	POINT 3	21:26 HOUR	5	
T25ANI46-0213	POINT 4	21:27 HOUR	8	
T25ANI46-0214	POINT 5	21:28 HOUR	4	
T25ANI46-0215	POINT 6	21:29 HOUR	3	
T25ANI46-0216	POINT 7	21:30 HOUR	2	
T25ANI46-0217	POINT 8	21:31 HOUR	2	
T25ANI46-0218	POINT 9	21:32 HOUR	1	
	AVERAGE		3	
บริเวณโถงลิฟต์ 3 อาคาร H ชั้น 3				
T25ANI46-0219	POINT 1	21:34 HOUR	6	
T25ANI46-0220	POINT 2	21:35 HOUR	5	
T25ANI46-0221	POINT 3	21:36 HOUR	7	
T25ANI46-0222	POINT 4	21:37 HOUR	8	
T25ANI46-0223	POINT 5	21:38 HOUR	2	
T25ANI46-0224	POINT 6	21:39 HOUR	4	
T25ANI46-0225	POINT 7	21:40 HOUR	4	
T25ANI46-0226	POINT 8	21:41 HOUR	3	
T25ANI46-0227	POINT 9	21:42 HOUR	2	
	AVERAGE		5	
บริเวณโถงลิฟต์ 3 ชั้น 4 อาคาร H				
T25ANI46-0228	POINT 1	21:44 HOUR	214	
T25ANI46-0229	POINT 2	21:45 HOUR	100	
T25ANI46-0230	POINT 3	21:46 HOUR	100	
T25ANI46-0231	POINT 4	21:47 HOUR	101	
T25ANI46-0232	POINT 5	21:48 HOUR	102	
T25ANI46-0233	POINT 6	21:49 HOUR	121	
	AVERAGE		123	
บริเวณทางลิฟต์อาคาร H ชั้น 4				
T25ANI46-0234	POINT 1	21:54 HOUR	233	
T25ANI46-0235	POINT 2	21:55 HOUR	151	
T25ANI46-0236	POINT 3	21:56 HOUR	222	
T25ANI46-0237	POINT 4	21:57 HOUR	169	
	AVERAGE		194	
บริเวณทางลิฟต์อาคาร H ชั้น 4				
T25ANI46-0238	POINT 1	21:59 HOUR	222	
T25ANI46-0239	POINT 2	22:00 HOUR	210	
T25ANI46-0240	POINT 3	22:01 HOUR	197	

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ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			LIGHT INTENSITY	AREA MEASUREMENT
T25ANI46-0241	POINT 4	22:02 HOUR	177	
T25ANI46-0242	POINT 5	22:03 HOUR	166	
T25ANI46-0243	POINT 6	22:04 HOUR	170	
T25ANI46-0244	POINT 7	22:05 HOUR	192	
T25ANI46-0245	POINT 8	22:06 HOUR	197	
T25ANI46-0246	POINT 9	22:07 HOUR	200	
T25ANI46-0247	POINT 10	22:08 HOUR	229	
	AVERAGE		196	
บริเวณโถงลิฟต์ 1 อาคาร H ชั้น 4				
T25ANI46-0248	POINT 1	22:10 HOUR	28	
T25ANI46-0249	POINT 2	22:11 HOUR	25	
T25ANI46-0250	POINT 3	22:12 HOUR	24	
T25ANI46-0251	POINT 4	22:13 HOUR	25	
T25ANI46-0252	POINT 5	22:14 HOUR	21	
T25ANI46-0253	POINT 6	22:15 HOUR	26	
T25ANI46-0254	POINT 7	22:16 HOUR	18	
T25ANI46-0255	POINT 8	22:17 HOUR	23	
T25ANI46-0256	POINT 9	22:18 HOUR	27	
	AVERAGE		24	
บริเวณโถงลิฟต์ 2 อาคาร H ชั้น 4				
T25ANI46-0257	POINT 1	22:20 HOUR	3	
T25ANI46-0258	POINT 2	22:21 HOUR	4	
T25ANI46-0259	POINT 3	22:22 HOUR	2	
T25ANI46-0260	POINT 4	22:23 HOUR	4	
T25ANI46-0261	POINT 5	22:24 HOUR	5	
T25ANI46-0262	POINT 6	22:25 HOUR	10	
T25ANI46-0263	POINT 7	22:26 HOUR	6	
T25ANI46-0264	POINT 8	22:27 HOUR	5	
T25ANI46-0265	POINT 9	22:28 HOUR	3	
	AVERAGE		5	
บริเวณโถงลิฟต์ 3 อาคาร H ชั้น 4				
T25ANI46-0266	POINT 1	22:30 HOUR	2	
T25ANI46-0267	POINT 2	22:31 HOUR	4	
T25ANI46-0268	POINT 3	22:32 HOUR	8	
T25ANI46-0269	POINT 4	22:33 HOUR	7	
T25ANI46-0270	POINT 5	22:34 HOUR	6	
T25ANI46-0271	POINT 6	22:35 HOUR	1	
T25ANI46-0272	POINT 7	22:36 HOUR	3	
T25ANI46-0273	POINT 8	22:37 HOUR	2	
T25ANI46-0274	POINT 9	22:38 HOUR	2	
	AVERAGE		5	
บริเวณโถงลิฟต์อาคาร ชั้น 1-ชั้น 2 อาคาร H				
T25ANI46-0275	POINT 1	22:52 HOUR	3	

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ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX) LIGHT INTENSITY AREA MEASUREMENT
T25ANI46-0276	POINT 2	22:53 HOUR	2
T25ANI46-0277	POINT 3	22:54 HOUR	5
T25ANI46-0278	POINT 4	22:55 HOUR	3
T25ANI46-0279	POINT 5	22:56 HOUR	6
T25ANI46-0280	POINT 6	22:57 HOUR	5
T25ANI46-0281	POINT 7	22:58 HOUR	3
T25ANI46-0282	POINT 8	22:59 HOUR	2
T25ANI46-0283	POINT 9	23:00 HOUR	1
T25ANI46-0284	POINT 10	23:01 HOUR	3
T25ANI46-0285	POINT 11	23:02 HOUR	2
T25ANI46-0286	POINT 12	23:03 HOUR	4
T25ANI46-0287	POINT 13	23:04 HOUR	4
T25ANI46-0288	POINT 14	23:05 HOUR	7
T25ANI46-0289	POINT 15	23:06 HOUR	7
T25ANI46-0291	POINT 17	23:07 HOUR	3
T25ANI46-0292	POINT 18	23:08 HOUR	5
T25ANI46-0293	POINT 19	23:09 HOUR	4
T25ANI46-0294	POINT 20	23:10 HOUR	4
T25ANI46-0295	POINT 21	23:11 HOUR	7
		23:12 HOUR	8
		AVERAGE	4
ผลการวัดพื้นที่ภายในห้อง 2-ชั้น 3 อาคาร H			
T25ANI46-0296	POINT 1	23:14 HOUR	6
T25ANI46-0297	POINT 2	23:15 HOUR	5
T25ANI46-0298	POINT 3	23:16 HOUR	8
T25ANI46-0299	POINT 4	23:17 HOUR	3
T25ANI46-0300	POINT 5	23:18 HOUR	5
T25ANI46-0301	POINT 6	23:19 HOUR	6
T25ANI46-0302	POINT 7	23:20 HOUR	8
T25ANI46-0303	POINT 8	23:21 HOUR	1
T25ANI46-0304	POINT 9	23:22 HOUR	3
T25ANI46-0305	POINT 10	23:23 HOUR	3
T25ANI46-0306	POINT 11	23:24 HOUR	3
T25ANI46-0307	POINT 12	23:25 HOUR	7
T25ANI46-0308	POINT 13	23:26 HOUR	7
T25ANI46-0309	POINT 14	23:27 HOUR	5
T25ANI46-0310	POINT 15	23:28 HOUR	4
T25ANI46-0311	POINT 16	23:29 HOUR	4
T25ANI46-0312	POINT 17	23:30 HOUR	2
T25ANI46-0313	POINT 18	23:31 HOUR	5
T25ANI46-0314	POINT 19	23:32 HOUR	1
T25ANI46-0315	POINT 20	23:33 HOUR	6

ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX) LIGHT INTENSITY AREA MEASUREMENT
T25ANI46-0316	POINT 21	23:34 HOUR	5
	AVERAGE		5
ผลการวัดพื้นที่ภายในห้อง 3-ชั้น 4 อาคาร H			
T25ANI46-0317	POINT 1	23:36 HOUR	6
T25ANI46-0318	POINT 2	23:37 HOUR	2
T25ANI46-0319	POINT 3	23:38 HOUR	3
T25ANI46-0320	POINT 4	23:39 HOUR	2
T25ANI46-0321	POINT 5	23:40 HOUR	4
T25ANI46-0322	POINT 6	23:41 HOUR	3
T25ANI46-0323	POINT 7	23:42 HOUR	5
T25ANI46-0324	POINT 8	23:43 HOUR	6
T25ANI46-0325	POINT 9	23:44 HOUR	5
T25ANI46-0326	POINT 10	23:45 HOUR	6
T25ANI46-0327	POINT 11	23:46 HOUR	4
T25ANI46-0328	POINT 12	23:47 HOUR	5
T25ANI46-0329	POINT 13	23:48 HOUR	2
T25ANI46-0330	POINT 14	23:49 HOUR	4
T25ANI46-0331	POINT 15	23:50 HOUR	4
T25ANI46-0332	POINT 16	23:51 HOUR	4
T25ANI46-0333	POINT 17	23:52 HOUR	5
T25ANI46-0334	POINT 18	23:53 HOUR	3
T25ANI46-0335	POINT 19	23:54 HOUR	5
T25ANI46-0336	POINT 20	23:55 HOUR	3
T25ANI46-0337	POINT 21	23:56 HOUR	6
	AVERAGE		4

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).

.....  
 LABORATORY SUPERVISOR



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### ANALYSIS REPORT

**CUSTOMER NAME** : ENERGY COMPLEX COMPANY LIMITED  
**ADDRESS** : 555/1 VIBHAVADI-BANGST ROAD CHATUCHAK BANGKOK 10500  
**CONTACT INFORMATION** : TEL : 063 997 9715 E-mail : gsf@energy.com  
**MEASURING PLACE** : ENERGY COMPLEX COMPANY LIMITED  
**MEASURING TYPE** : WORKPLACE (LIGHT INTENSITY)  
**MEASURING DATE** : JUNE 10, 2025  
**MEASURING TIME** : \*  
**MEASURING EQUIPMENT** : LUX METER \*\*  
**MEASURED BY** : MISS WILANAN KARAM  
**RECEIVED DATE** : JUNE 10, 2025  
**ANALYTICAL DATE** : JUNE 10, 2025  
**ISSUE DATE** : JUNE 13, 2025  
**REPORT NO.** : 2025-U05524  
**WORK NO.** : 2024-010117  
**ANALYSIS NO.** : T25ANI49-0001 - T25ANI49-0206

ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			SPOT MEASUREMENT	AREA MEASUREMENT
T25ANI49-0001	DAY TIME พื้นที่ประชุมห้อง 1 อาคาร D ชั้น 1	POINT 1	-	453
		POINT 2	-	275
		AVERAGE	-	364
T25ANI49-0003	พื้นที่ทางเดินหน้าห้อง 1 อาคาร D ชั้น 1	POINT 1	-	959
		POINT 2	-	476
		POINT 3	-	628
		POINT 4	-	979
		AVERAGE	-	761
T25ANI49-0007	พื้นที่ทางเดินหน้าห้อง 1 อาคาร D ชั้น 1	POINT 1	-	248
		POINT 2	-	143
		POINT 3	-	146
		POINT 4	-	112
		POINT 5	-	169
		POINT 6	-	327
		POINT 7	-	319
		POINT 8	-	335
T25ANI49-0015	พื้นที่ทางเดิน-ชั้น 2 อาคาร D	AVERAGE	-	225
		POINT 1	-	366
		POINT 2	-	772
		POINT 3	-	1,313
		POINT 4	-	1,351
		POINT 5	-	510
		POINT 6	-	414
		AVERAGE	-	791
T25ANI49-0021	พื้นที่ทางเดิน ชั้น 1 อาคาร D	POINT 1	-	419
		POINT 1	-	419

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ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			SPOT MEASUREMENT	AREA MEASUREMENT
T25ANI49-0023	POINT 2	09:55 HOUR	-	1,651
			-	1,736
			-	386
			-	1,048
T25ANI49-0025	พื้นที่ทางเดิน ชั้น 1 อาคาร D	09:59 HOUR	-	139
			-	185
			-	162
			-	280
T25ANI49-0027	พื้นที่ทางเดิน ชั้น 1 อาคาร D	10:02 HOUR	-	138
			-	209
			-	711
			-	537
T25ANI49-0029	พื้นที่ทางเดิน ชั้น 1 อาคาร D	10:05 HOUR	-	624
			-	430
			-	927
			-	567
T25ANI49-0031	พื้นที่ทางเดินหน้าห้อง 1 อาคาร D	10:10 HOUR	-	411
			-	404
			-	541
			-	543
T25ANI49-0033	พื้นที่ทางเดินหน้าห้อง 1 อาคาร D	10:11 HOUR	-	747
			-	2,245
			-	2,429
			-	2,073
T25ANI49-0035	พื้นที่ทางเดินหน้าห้อง 1 อาคาร D	10:13 HOUR	-	1,258
			-	890
			-	1,033
			-	572
T25ANI49-0037	พื้นที่ทางเดิน ชั้น 1 อาคาร D	10:16 HOUR	-	692
			-	875
			-	1,588
			-	556
T25ANI49-0039	พื้นที่ทางเดิน ชั้น 1 อาคาร D	10:19 HOUR	-	417
			-	1,219
			-	300
			-	300

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ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			SPOT MEASUREMENT	AREA MEASUREMENT
T25ANI49-0052	POINT 2	10:33 HOUR	-	402
T25ANI49-0053	POINT 3	10:34 HOUR	-	300
T25ANI49-0054	POINT 4	10:35 HOUR	-	309
	AVERAGE		-	328
วัดความเข้มแสง ณ อาคาร D ชั้น 2				
T25ANI49-0055	POINT 1	10:37 HOUR	-	409
T25ANI49-0056	POINT 2	10:38 HOUR	-	659
	AVERAGE		-	534
วัดความเข้มแสง ณ อาคาร D ชั้น 3				
T25ANI49-0057	POINT 1	10:40 HOUR	-	487
T25ANI49-0058	POINT 2	10:41 HOUR	-	288
	AVERAGE		-	388
วัดความเข้มแสง ณ อาคาร D ชั้น 4				
T25ANI49-0059	POINT 1	10:43 HOUR	-	129
T25ANI49-0060	POINT 2	10:44 HOUR	-	116
T25ANI49-0061	POINT 3	10:45 HOUR	-	102
T25ANI49-0062	POINT 4	10:46 HOUR	-	185
	AVERAGE		-	133
วัดความเข้มแสง ณ อาคาร D ชั้น 5				
T25ANI49-0063	POINT 1	10:48 HOUR	-	114
T25ANI49-0064	POINT 2	10:49 HOUR	-	105
T25ANI49-0065	POINT 3	10:50 HOUR	-	118
T25ANI49-0066	POINT 4	10:51 HOUR	-	125
T25ANI49-0067	POINT 5	10:52 HOUR	-	83
T25ANI49-0068	POINT 6	10:53 HOUR	-	90
T25ANI49-0069	POINT 7	10:54 HOUR	-	88
T25ANI49-0070	POINT 8	10:55 HOUR	-	94
T25ANI49-0071	POINT 9	10:56 HOUR	-	106
T25ANI49-0072	POINT 10	10:57 HOUR	-	186
T25ANI49-0073	POINT 11	10:58 HOUR	-	247
T25ANI49-0074	POINT 12	10:59 HOUR	-	468
T25ANI49-0075	POINT 13	11:00 HOUR	-	2,633
T25ANI49-0076	POINT 14	11:01 HOUR	-	2,640
	AVERAGE		-	507
วัดความเข้มแสง ณ อาคาร D ชั้น 6				
T25ANI49-0077	POINT 1	11:03 HOUR	-	851
T25ANI49-0078	POINT 2	11:04 HOUR	-	1,478
T25ANI49-0079	POINT 3	11:05 HOUR	-	2,470
T25ANI49-0080	POINT 4	11:06 HOUR	-	2,379

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**LAE** United Analyst and Engineering Consultant Co., Ltd.  
334 Udonrak 41, Sukhumvit Road, Bangkok, Thailand 10110  
Tel: 02-2763 2628 Fax: 02-2763 2701 www.lae-consultant.com

ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			SPOT MEASUREMENT	AREA MEASUREMENT
T25ANI49-0081	POINT 5	11:07 HOUR	-	869
T25ANI49-0082	POINT 6	11:08 HOUR	-	501
	AVERAGE		-	1,425
วัดความเข้มแสง ณ อาคาร D ชั้น 3				
T25ANI49-0083	POINT 1	11:10 HOUR	-	410
T25ANI49-0084	POINT 2	11:11 HOUR	-	373
	AVERAGE		-	392
วัดความเข้มแสง ณ อาคาร D ชั้น 4				
T25ANI49-0085	POINT 1	11:13 HOUR	-	1,184
T25ANI49-0086	POINT 2	11:14 HOUR	-	589
	AVERAGE		-	887
วัดความเข้มแสง ณ อาคาร D ชั้น 5				
T25ANI49-0087	POINT 1	11:16 HOUR	-	102
T25ANI49-0088	POINT 2	11:17 HOUR	-	231
T25ANI49-0089	POINT 3	11:18 HOUR	-	89
T25ANI49-0090	POINT 4	11:19 HOUR	-	97
	AVERAGE		-	130
วัดความเข้มแสง ณ อาคาร D ชั้น 6				
T25ANI49-0091	POINT 1	11:21 HOUR	-	98
T25ANI49-0092	POINT 2	11:22 HOUR	-	67
T25ANI49-0093	POINT 3	11:23 HOUR	-	75
T25ANI49-0094	POINT 4	11:24 HOUR	-	81
T25ANI49-0095	POINT 5	11:25 HOUR	-	86
T25ANI49-0096	POINT 6	11:26 HOUR	-	76
T25ANI49-0097	POINT 7	11:27 HOUR	-	89
T25ANI49-0098	POINT 8	11:28 HOUR	-	106
T25ANI49-0099	POINT 9	11:29 HOUR	-	146
T25ANI49-0100	POINT 10	11:30 HOUR	-	500
T25ANI49-0101	POINT 11	11:31 HOUR	-	608
T25ANI49-0102	POINT 12	11:32 HOUR	-	613
T25ANI49-0103	POINT 13	11:33 HOUR	-	616
T25ANI49-0104	POINT 14	11:34 HOUR	-	618
	AVERAGE		-	270
วัดความเข้มแสง ณ อาคาร D ชั้น 7				
T25ANI49-0105	POINT 1	11:36 HOUR	-	919
T25ANI49-0106	POINT 2	11:37 HOUR	-	1,460
T25ANI49-0107	POINT 3	11:38 HOUR	-	2,552
T25ANI49-0108	POINT 4	11:39 HOUR	-	2,235
T25ANI49-0109	POINT 5	11:40 HOUR	-	786
T25ANI49-0110	POINT 6	11:41 HOUR	-	410
	AVERAGE		-	1,394
วัดความเข้มแสง ณ อาคาร D ชั้น 8				
T25ANI49-0111	POINT 1	11:43 HOUR	-	462

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**LAE** United Analyst and Engineering Consultant Co., Ltd.  
3 Sakulchamrak 41, Sakulchamrak Road, Bangkok 10250  
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ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			SPOT MEASUREMENT	AREA MEASUREMENT
T25ANI49-0112	POINT 2	11:41 HOUR	-	277
	AVERAGE		-	369
T25ANI49-0113	MEASURING SITE		-	
T25ANI49-0114	POINT 1	11:46 HOUR	-	409
	POINT 2	11:47 HOUR	-	623
	AVERAGE		-	516
T25ANI49-0115	MEASURING SITE		-	
T25ANI49-0116	POINT 1	11:49 HOUR	-	95
	POINT 2	11:50 HOUR	-	89
T25ANI49-0117	POINT 3	11:51 HOUR	-	152
T25ANI49-0118	POINT 4	11:52 HOUR	-	166
	AVERAGE		-	126
T25ANI49-0119	MEASURING SITE		-	
T25ANI49-0120	POINT 1	11:54 HOUR	-	86
	POINT 2	11:55 HOUR	-	73
T25ANI49-0121	POINT 3	11:56 HOUR	-	69
T25ANI49-0122	POINT 4	11:57 HOUR	-	65
T25ANI49-0123	POINT 5	11:58 HOUR	-	65
T25ANI49-0124	POINT 6	11:59 HOUR	-	83
T25ANI49-0125	POINT 7	12:00 HOUR	-	117
T25ANI49-0126	POINT 8	12:01 HOUR	-	222
T25ANI49-0127	POINT 9	12:02 HOUR	-	469
T25ANI49-0128	POINT 10	12:03 HOUR	-	1836
T25ANI49-0129	POINT 11	12:04 HOUR	-	1839
T25ANI49-0130	POINT 12	12:05 HOUR	-	1843
T25ANI49-0131	POINT 13	12:06 HOUR	-	1848
T25ANI49-0132	POINT 14	12:07 HOUR	-	1851
	AVERAGE		-	747
T25ANI49-0133	MEASURING SITE		-	
T25ANI49-0134	POINT 1	18:00 HOUR	-	192
	POINT 2	18:01 HOUR	-	176
	AVERAGE		-	184
T25ANI49-0135	MEASURING SITE		-	
T25ANI49-0136	POINT 1	18:03 HOUR	-	55
	POINT 2	18:04 HOUR	-	58
T25ANI49-0137	POINT 3	18:05 HOUR	-	58
T25ANI49-0138	POINT 4	18:06 HOUR	-	86
	AVERAGE		-	67
T25ANI49-0139	MEASURING SITE		-	
T25ANI49-0140	POINT 1	18:08 HOUR	-	51
	POINT 2	18:09 HOUR	-	59



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ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			SPOT MEASUREMENT	AREA MEASUREMENT
T25ANI49-0141	POINT 3	18:10 HOUR	-	55
T25ANI49-0142	POINT 4	18:11 HOUR	-	56
T25ANI49-0143	POINT 5	18:12 HOUR	-	57
T25ANI49-0144	POINT 6	18:13 HOUR	-	65
T25ANI49-0145	POINT 7	18:14 HOUR	-	53
T25ANI49-0146	POINT 8	18:15 HOUR	-	51
	AVERAGE		-	56
T25ANI49-0147	MEASURING SITE		-	
T25ANI49-0148	POINT 1	18:17 HOUR	-	32
T25ANI49-0149	POINT 2	18:18 HOUR	-	31
T25ANI49-0150	POINT 3	18:19 HOUR	-	35
T25ANI49-0151	POINT 4	18:20 HOUR	-	36
T25ANI49-0152	POINT 5	18:21 HOUR	-	33
T25ANI49-0153	POINT 6	18:22 HOUR	-	27
T25ANI49-0154	POINT 7	18:23 HOUR	-	37
T25ANI49-0155	POINT 8	18:24 HOUR	-	39
T25ANI49-0156	POINT 9	18:25 HOUR	-	25
	AVERAGE		-	33
T25ANI49-0157	MEASURING SITE		-	
T25ANI49-0158	POINT 1	18:27 HOUR	-	16
T25ANI49-0159	POINT 2	18:28 HOUR	-	18
T25ANI49-0160	POINT 3	18:29 HOUR	-	13
T25ANI49-0161	POINT 4	18:30 HOUR	-	12
T25ANI49-0162	POINT 5	18:31 HOUR	-	21
T25ANI49-0163	POINT 6	18:32 HOUR	-	20
T25ANI49-0164	POINT 7	18:33 HOUR	-	16
T25ANI49-0165	POINT 8	18:34 HOUR	-	18
T25ANI49-0166	POINT 9	18:35 HOUR	-	19
	AVERAGE		-	17
T25ANI49-0167	MEASURING SITE		-	
T25ANI49-0168	POINT 1	18:37 HOUR	-	17
T25ANI49-0169	POINT 2	18:38 HOUR	-	9
T25ANI49-0170	POINT 3	18:39 HOUR	-	13
T25ANI49-0171	POINT 4	18:40 HOUR	-	18
T25ANI49-0172	POINT 5	18:41 HOUR	-	19
T25ANI49-0173	POINT 6	18:42 HOUR	-	30
	AVERAGE		-	18
T25ANI49-0174	MEASURING SITE		-	
T25ANI49-0175	POINT 1	18:44 HOUR	-	150
T25ANI49-0176	POINT 2	18:45 HOUR	-	68
T25ANI49-0177	POINT 3	18:46 HOUR	-	71
T25ANI49-0178	POINT 4	18:47 HOUR	-	63
	AVERAGE		-	88





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ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			SPOT MEASUREMENT	AREA MEASUREMENT
T25ANI49-0175	ห้องประชุม ชั้น 1 อาคาร D	18:49 HOUR	-	164
T25ANI49-0176	POINT 2	18:50 HOUR	-	32
	AVERAGE		-	99
T25ANI49-0177	ห้องประชุม ชั้น 1 อาคาร D	18:52 HOUR	-	166
T25ANI49-0178	POINT 2	18:53 HOUR	-	52
	AVERAGE		-	110
T25ANI49-0179	ห้องประชุม ชั้น 1 อาคาร D	18:55 HOUR	-	133
T25ANI49-0180	POINT 2	18:56 HOUR	-	114
	AVERAGE		-	125
T25ANI49-0181	ห้องประชุม ชั้น 1 อาคาร D	18:58 HOUR	420	-
	ห้องประชุมชั้น 1 อาคาร D			
T25ANI49-0182	ห้องประชุมชั้น 1 อาคาร D	19:00 HOUR	251	-
T25ANI49-0183	ห้องประชุมชั้น 1 อาคาร D	19:01 HOUR	284	-
T25ANI49-0184	ห้องประชุมชั้น 1 อาคาร D	19:02 HOUR	178	-
T25ANI49-0185	ห้องประชุมชั้น 1 อาคาร D	19:03 HOUR	190	-
T25ANI49-0186	ห้องประชุมชั้น 1 อาคาร D	19:04 HOUR	168	-
	RECEPTION ชั้น 1 อาคาร D			
T25ANI49-0187	ห้องประชุม 1	19:05 HOUR	44	-
T25ANI49-0188	ห้องประชุม 2	19:07 HOUR	52	-
	ห้องประชุมชั้น 1 อาคาร D			
T25ANI49-0189	POINT 1	19:09 HOUR	-	135
T25ANI49-0190	POINT 2	19:10 HOUR	-	131
T25ANI49-0191	POINT 3	19:11 HOUR	-	134
T25ANI49-0192	POINT 4	19:12 HOUR	-	168
T25ANI49-0193	POINT 5	19:13 HOUR	-	160
T25ANI49-0194	POINT 6	19:14 HOUR	-	161
T25ANI49-0195	POINT 7	19:15 HOUR	-	158
T25ANI49-0196	POINT 8	19:16 HOUR	-	173
T25ANI49-0197	POINT 9	19:17 HOUR	-	169
T25ANI49-0198	POINT 10	19:18 HOUR	-	120
T25ANI49-0199	POINT 11	19:19 HOUR	-	137
T25ANI49-0200	POINT 12	19:20 HOUR	-	128
	AVERAGE		-	149
T25ANI49-0201	ห้องประชุม ชั้น 1 อาคาร D	19:22 HOUR	-	280
T25ANI49-0202	POINT 2	19:23 HOUR	-	292



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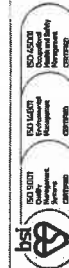
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Tel: 02-663 2828 Fax: 02-663 2830 E-mail: ua@uaeconsultant.com

ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			SPOT MEASUREMENT	AREA MEASUREMENT
T25ANI49-0203	POINT 3	19:24 HOUR	-	361
T25ANI49-0204	POINT 4	19:25 HOUR	-	263
	AVERAGE		-	302
T25ANI49-0205	ห้องประชุมชั้น 1 อาคาร D ชั้น 2	19:27 HOUR	-	153
T25ANI49-0206	POINT 2	19:28 HOUR	-	181
	AVERAGE		-	168

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).



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### ANALYSIS REPORT

**CUSTOMER NAME** : ENERGY COMPLEX COMPANY LIMITED  
**ADDRESS** : 555/1 VIBHAVADI-RANGSIT ROAD CHATUCHAK BANGKOK 10900  
**CONTACT INFORMATION** : TEL : 063 997 9715 e-mail : ghe.encomy@encomy.com

**MEASURING PLACE** : ENERGY COMPLEX COMPANY LIMITED

**MEASURING TYPE** : WORKPLACE (LIGHT INTENSITY)

**MEASURING DATE** : JUNE 10, 2025

**MEASURING TIME** : \*

**MEASURING EQUIPMENT** : LUX METER \*\*

**MEASURED BY** : MISS WILAWAN KARAIM

**RECEIVED DATE** : JUNE 10, 2025

**ANALYTICAL DATE** : JUNE 10, 2025

**ISSUE DATE** : JUNE 19, 2025

**REPORT NO.** : 2025-U055524

**WORK NO.** : 2024-010117

**ANALYSIS NO.** : T25ANI49-0001 - T25ANI49-0206

ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			SPOT MEASUREMENT	AREA MEASUREMENT
T25ANI49-0001	DAY TIME ห้องประชุมชั้น 1 อาคาร D ชั้น 1	09:30 HOUR	-	453
		09:31 HOUR	-	275
		AVERAGE	-	364
T25ANI49-0003	ห้องทำงานชั้น 1 อาคาร D ชั้น 1	09:33 HOUR	-	959
		09:34 HOUR	-	476
		09:35 HOUR	-	628
		09:36 HOUR	-	979
		AVERAGE	-	761
T25ANI49-0007	ห้องทำงานชั้น 1 อาคาร D ชั้น 1	09:38 HOUR	-	248
		09:39 HOUR	-	143
		09:40 HOUR	-	146
		09:41 HOUR	-	112
		09:42 HOUR	-	169
		09:43 HOUR	-	327
		09:44 HOUR	-	319
		09:45 HOUR	-	335
T25ANI49-0014	AVERAGE	-	-	325
		-	-	-
T25ANI49-0015	ชั้นโถงชั้น 1-ชั้น 2 อาคาร D	09:47 HOUR	-	386
		09:48 HOUR	-	772
		09:49 HOUR	-	1,313
		09:50 HOUR	-	1,351
		09:51 HOUR	-	510
		09:52 HOUR	-	414
T25ANI49-0020	AVERAGE	-	-	791
		-	-	-
T25ANI49-0021	ชั้นโถงชั้น 1 อาคาร D	09:54 HOUR	-	419
		POINT 1	-	-

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### ANALYSIS REPORT

**CUSTOMER NAME** : ENERGY COMPLEX COMPANY LIMITED  
**ADDRESS** : 555/1 VIBHAVADI-RANGSIT ROAD CHATUCHAK BANGKOK 10900  
**CONTACT INFORMATION** : TEL : 063 997 9715 e-mail : ghe.encomy@encomy.com

**MEASURING PLACE** : ENERGY COMPLEX COMPANY LIMITED

**MEASURING TYPE** : WORKPLACE (LIGHT INTENSITY)

**MEASURING DATE** : JUNE 10, 2025

**MEASURING TIME** : \*

**MEASURING EQUIPMENT** : LUX METER \*\*

**MEASURED BY** : MISS WILAWAN KARAIM

**RECEIVED DATE** : JUNE 10, 2025

**ANALYTICAL DATE** : JUNE 10, 2025

**ISSUE DATE** : JUNE 19, 2025

**REPORT NO.** : 2025-U055524

**WORK NO.** : 2024-010117

**ANALYSIS NO.** : T25ANI49-0001 - T25ANI49-0206

ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			SPOT MEASUREMENT	AREA MEASUREMENT
T25ANI49-0022	POINT 2	09:55 HOUR	-	1,651
		09:56 HOUR	-	1,736
		09:57 HOUR	-	386
T25ANI49-0023	POINT 3	09:55 HOUR	-	1,651
		09:56 HOUR	-	1,736
		09:57 HOUR	-	386
T25ANI49-0024	POINT 4	09:55 HOUR	-	1,651
		09:56 HOUR	-	1,736
		09:57 HOUR	-	386
T25ANI49-0025	AVERAGE	09:55 HOUR	-	1,048
		09:56 HOUR	-	1,048
		09:57 HOUR	-	1,048
T25ANI49-0026	POINT 1	09:59 HOUR	-	139
		10:00 HOUR	-	185
		AVERAGE	-	162
T25ANI49-0027	ห้องโถงชั้น 1 อาคาร D	10:02 HOUR	-	280
		10:03 HOUR	-	138
		AVERAGE	-	209
T25ANI49-0028	ห้องโถงชั้น 1 อาคาร D	10:05 HOUR	-	711
		10:06 HOUR	-	537
		AVERAGE	-	624
T25ANI49-0031	ห้องทำงานชั้น 1 อาคาร D	10:08 HOUR	430	-
		10:10 HOUR	927	-
		10:11 HOUR	567	-
T25ANI49-0032	โถงทางเดินชั้น 1 อาคาร D	10:12 HOUR	411	-
		10:13 HOUR	404	-
		10:14 HOUR	541	-
T25ANI49-0033	โถงทางเดินชั้น 1 อาคาร D	10:16 HOUR	543	-
		10:17 HOUR	747	-
		AVERAGE	-	2,245
T25ANI49-0034	โถงทางเดินชั้น 1 อาคาร D	10:20 HOUR	-	2,429
		10:21 HOUR	-	2,073
		10:22 HOUR	-	1,258
T25ANI49-0035	POINT 5	10:23 HOUR	-	890
		10:24 HOUR	-	1,033
		10:25 HOUR	-	572
T25ANI49-0036	POINT 6	10:26 HOUR	-	692
		10:27 HOUR	-	875
		10:28 HOUR	-	1,588
T25ANI49-0037	POINT 7	10:29 HOUR	-	556
		10:30 HOUR	-	417
		AVERAGE	-	1,219
T25ANI49-0038	โถงทางเดินชั้น 1 อาคาร D	10:32 HOUR	-	300
		POINT 1	-	-
		AVERAGE	-	-

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ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			SPOT MEASUREMENT	AREA MEASUREMENT
TZ5ANI-49-0052	POINT 2	10:33 HOUR	-	402
TZ5ANI-49-0053	POINT 3	10:34 HOUR	-	300
TZ5ANI-49-0054	POINT 4	10:35 HOUR	-	309
	AVERAGE		-	328
	ค่ามาตรฐานบริเวณโถงฟ้า อาคาร D ชั้น 2			
TZ5ANI-49-0055	POINT 1	10:37 HOUR	-	409
TZ5ANI-49-0056	POINT 2	10:38 HOUR	-	659
	AVERAGE		-	534
	โถงบันไดทาง			
TZ5ANI-49-0057	POINT 1	10:40 HOUR	-	487
TZ5ANI-49-0058	POINT 2	10:41 HOUR	-	288
	AVERAGE		-	388
	พื้นที่ทางเดินบันไดทาง อาคาร D ชั้น 2			
TZ5ANI-49-0059	POINT 1	10:43 HOUR	-	129
TZ5ANI-49-0060	POINT 2	10:44 HOUR	-	116
TZ5ANI-49-0061	POINT 3	10:45 HOUR	-	102
TZ5ANI-49-0062	POINT 4	10:46 HOUR	-	185
	AVERAGE		-	133
	พื้นที่ทางเดินบันไดทาง อาคาร D ชั้น 2			
TZ5ANI-49-0063	POINT 1	10:48 HOUR	-	114
TZ5ANI-49-0064	POINT 2	10:49 HOUR	-	106
TZ5ANI-49-0065	POINT 3	10:50 HOUR	-	118
TZ5ANI-49-0066	POINT 4	10:51 HOUR	-	125
TZ5ANI-49-0067	POINT 5	10:52 HOUR	-	83
TZ5ANI-49-0068	POINT 6	10:53 HOUR	-	90
TZ5ANI-49-0069	POINT 7	10:54 HOUR	-	88
TZ5ANI-49-0070	POINT 8	10:55 HOUR	-	94
TZ5ANI-49-0071	POINT 9	10:56 HOUR	-	106
TZ5ANI-49-0072	POINT 10	10:57 HOUR	-	186
			-	247
TZ5ANI-49-0073	POINT 11	10:58 HOUR	-	468
TZ5ANI-49-0074	POINT 12	10:59 HOUR	-	2,633
TZ5ANI-49-0075	POINT 13	11:00 HOUR	-	2,640
TZ5ANI-49-0076	POINT 14	11:01 HOUR	-	507
	AVERAGE		-	
	บันไดทางชั้น 2-ชั้น 3 อาคาร D			
TZ5ANI-49-0077	POINT 1	11:03 HOUR	-	851
TZ5ANI-49-0078	POINT 2	11:04 HOUR	-	1,478
TZ5ANI-49-0079	POINT 3	11:05 HOUR	-	2,470
TZ5ANI-49-0080	POINT 4	11:06 HOUR	-	2,379

ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)		
			LIGHT INTENSITY		
			SPOT MEASUREMENT	AREA MEASUREMENT	
T25AN149-0081	POINT 5	11:07 HOUR	-	869	
T25AN149-0082	POINT 6	11:08 HOUR	-	501	
	AVERAGE		-	1,425	
	วัดแสงตามจุดต่างๆ อาคาร D ชั้น 3				
T25AN149-0083	POINT 1	11:10 HOUR	-	410	
T25AN149-0084	POINT 2	11:11 HOUR	-	373	
	AVERAGE		-	392	
	วัดแสงตามจุดต่างๆ อาคาร D ชั้น 4				
T25AN149-0085	POINT 1	11:13 HOUR	-	1,184	
T25AN149-0086	POINT 2	11:14 HOUR	-	589	
	AVERAGE		-	887	
	วัดแสงตามจุดต่างๆ อาคาร D ชั้น 3				
T25AN149-0087	POINT 1	11:16 HOUR	-	102	
T25AN149-0088	POINT 2	11:17 HOUR	-	231	
T25AN149-0089	POINT 3	11:18 HOUR	-	89	
T25AN149-0090	POINT 4	11:19 HOUR	-	97	
	AVERAGE		-	130	
	วัดแสงตามจุดต่างๆ อาคาร D ชั้น 3				
T25AN149-0091	POINT 1	11:21 HOUR	-	98	
T25AN149-0092	POINT 2	11:22 HOUR	-	67	
T25AN149-0093	POINT 3	11:23 HOUR	-	75	
T25AN149-0094	POINT 4	11:24 HOUR	-	81	
T25AN149-0095	POINT 5	11:25 HOUR	-	86	
T25AN149-0096	POINT 6	11:26 HOUR	-	76	
T25AN149-0097	POINT 7	11:27 HOUR	-	89	
T25AN149-0098	POINT 8	11:28 HOUR	-	106	
T25AN149-0099	POINT 9	11:29 HOUR	-	146	
T25AN149-0100	POINT 10	11:30 HOUR	-	500	
T25AN149-0101	POINT 11	11:31 HOUR	-	608	
T25AN149-0102	POINT 12	11:32 HOUR	-	613	
T25AN149-0103	POINT 13	11:33 HOUR	-	616	
T25AN149-0104	POINT 14	11:34 HOUR	-	618	
	AVERAGE		-	270	
	วัดแสงตามจุดต่างๆ อาคาร D ชั้น 4				
T25AN149-0105	POINT 1	11:36 HOUR	-	919	
T25AN149-0106	POINT 2	11:37 HOUR	-	1,460	
T25AN149-0107	POINT 3	11:38 HOUR	-	2,552	
T25AN149-0108	POINT 4	11:39 HOUR	-	2,235	
T25AN149-0109	POINT 5	11:40 HOUR	-	786	
T25AN149-0110	POINT 6	11:41 HOUR	-	410	
	AVERAGE		-	1,394	
	วัดแสงตามจุดต่างๆ อาคาร D ชั้น 4				
T25AN149-0111	POINT 1	11:43 HOUR	-	462	



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ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			SPOT MEASUREMENT	AREA MEASUREMENT
T25ANI49-0112	POINT 2	11:41 HOUR	-	277
	AVERAGE		-	369
T25ANI49-0113	POINT 1	11:46 HOUR	-	409
T25ANI49-0114	POINT 2	11:47 HOUR	-	623
	AVERAGE		-	516
T25ANI49-0115	POINT 1	11:49 HOUR	-	95
T25ANI49-0116	POINT 2	11:50 HOUR	-	89
T25ANI49-0117	POINT 3	11:51 HOUR	-	152
T25ANI49-0118	POINT 4	11:52 HOUR	-	166
	AVERAGE		-	126
T25ANI49-0119	POINT 1	11:54 HOUR	-	86
T25ANI49-0120	POINT 2	11:55 HOUR	-	73
T25ANI49-0121	POINT 3	11:56 HOUR	-	69
T25ANI49-0122	POINT 4	11:57 HOUR	-	65
T25ANI49-0123	POINT 5	11:58 HOUR	-	65
T25ANI49-0124	POINT 6	11:59 HOUR	-	83
T25ANI49-0125	POINT 7	12:00 HOUR	-	117
T25ANI49-0126	POINT 8	12:01 HOUR	-	222
T25ANI49-0127	POINT 9	12:02 HOUR	-	469
T25ANI49-0128	POINT 10	12:03 HOUR	-	1,836
T25ANI49-0129	POINT 11	12:04 HOUR	-	1,839
T25ANI49-0130	POINT 12	12:05 HOUR	-	1,843
T25ANI49-0131	POINT 13	12:06 HOUR	-	1,848
T25ANI49-0132	POINT 14	12:07 HOUR	-	1,851
	AVERAGE		-	747
T25ANI49-0133	POINT 1	18:00 HOUR	-	192
T25ANI49-0134	POINT 2	18:01 HOUR	-	176
	AVERAGE		-	184
T25ANI49-0135	POINT 1	18:03 HOUR	-	55
T25ANI49-0136	POINT 2	18:04 HOUR	-	68
T25ANI49-0137	POINT 3	18:05 HOUR	-	58
T25ANI49-0138	POINT 4	18:06 HOUR	-	86
	AVERAGE		-	67
T25ANI49-0139	POINT 1	18:08 HOUR	-	51
T25ANI49-0140	POINT 2	18:09 HOUR	-	59



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ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			SPOT MEASUREMENT	AREA MEASUREMENT
T25ANI49-0141	POINT 3	18:10 HOUR	-	55
T25ANI49-0142	POINT 4	18:11 HOUR	-	56
T25ANI49-0143	POINT 5	18:12 HOUR	-	57
T25ANI49-0144	POINT 6	18:13 HOUR	-	65
T25ANI49-0145	POINT 7	18:14 HOUR	-	53
T25ANI49-0146	POINT 8	18:15 HOUR	-	51
	AVERAGE		-	56
T25ANI49-0147	POINT 1	18:17 HOUR	-	32
T25ANI49-0148	POINT 2	18:18 HOUR	-	31
T25ANI49-0149	POINT 3	18:19 HOUR	-	35
T25ANI49-0150	POINT 4	18:20 HOUR	-	36
T25ANI49-0151	POINT 5	18:21 HOUR	-	33
T25ANI49-0152	POINT 6	18:22 HOUR	-	27
T25ANI49-0153	POINT 7	18:23 HOUR	-	37
T25ANI49-0154	POINT 8	18:24 HOUR	-	39
T25ANI49-0155	POINT 9	18:25 HOUR	-	25
	AVERAGE		-	33
T25ANI49-0156	POINT 1	18:27 HOUR	-	16
T25ANI49-0157	POINT 2	18:28 HOUR	-	18
T25ANI49-0158	POINT 3	18:29 HOUR	-	13
T25ANI49-0159	POINT 4	18:30 HOUR	-	12
T25ANI49-0160	POINT 5	18:31 HOUR	-	21
T25ANI49-0161	POINT 6	18:32 HOUR	-	20
T25ANI49-0162	POINT 7	18:33 HOUR	-	16
T25ANI49-0163	POINT 8	18:34 HOUR	-	18
T25ANI49-0164	POINT 9	18:35 HOUR	-	19
	AVERAGE		-	17
T25ANI49-0165	POINT 1	18:37 HOUR	-	17
T25ANI49-0166	POINT 2	18:38 HOUR	-	9
T25ANI49-0167	POINT 3	18:39 HOUR	-	13
T25ANI49-0168	POINT 4	18:40 HOUR	-	18
T25ANI49-0169	POINT 5	18:41 HOUR	-	19
T25ANI49-0170	POINT 6	18:42 HOUR	-	30
	AVERAGE		-	18
T25ANI49-0171	POINT 1	18:44 HOUR	-	150
T25ANI49-0172	POINT 2	18:45 HOUR	-	68
T25ANI49-0173	POINT 3	18:46 HOUR	-	71
T25ANI49-0174	POINT 4	18:47 HOUR	-	63
	AVERAGE		-	88



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ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			SPOT MEASUREMENT	AREA MEASUREMENT
T25ANI49-0175	ห้องประชุม ชั้น 1 อาคาร D	18:49 HOUR	-	164
T25ANI49-0176	POINT 1	18:50 HOUR	-	32
	POINT 2		-	99
	AVERAGE		-	
T25ANI49-0177	ห้องประชุม ชั้น 1 อาคาร D	18:52 HOUR	-	166
T25ANI49-0178	POINT 1	18:53 HOUR	-	52
	POINT 2		-	110
	AVERAGE		-	
T25ANI49-0179	ห้องประชุม ชั้น 1 อาคาร D	18:55 HOUR	-	133
T25ANI49-0180	POINT 1	18:56 HOUR	-	114
	POINT 2		-	125
	AVERAGE		-	
T25ANI49-0181	ห้องประชุม ชั้น 1 อาคาร D	18:58 HOUR	420	-
	RECEPTION ชั้น 1 อาคาร D			
T25ANI49-0182	ห้องประชุม ชั้น 1 อาคาร D	19:00 HOUR	251	-
T25ANI49-0183	ห้องประชุม ชั้น 1 อาคาร D	19:01 HOUR	284	-
T25ANI49-0184	ห้องประชุม ชั้น 1 อาคาร D	19:02 HOUR	178	-
T25ANI49-0185	ห้องประชุม ชั้น 1 อาคาร D	19:03 HOUR	190	-
T25ANI49-0186	ห้องประชุม ชั้น 1 อาคาร D	19:04 HOUR	168	-
	RECEPTION ชั้น 1 อาคาร D			
T25ANI49-0187	ห้องประชุม ชั้น 1 อาคาร D	19:06 HOUR	44	-
T25ANI49-0188	ห้องประชุม ชั้น 1 อาคาร D	19:07 HOUR	52	-
	RECEPTION ชั้น 1 อาคาร D			
T25ANI49-0189	POINT 1	19:09 HOUR	-	135
T25ANI49-0190	POINT 2	19:10 HOUR	-	131
T25ANI49-0191	POINT 3	19:11 HOUR	-	134
T25ANI49-0192	POINT 4	19:12 HOUR	-	168
T25ANI49-0193	POINT 5	19:13 HOUR	-	160
T25ANI49-0194	POINT 6	19:14 HOUR	-	161
T25ANI49-0195	POINT 7	19:15 HOUR	-	158
T25ANI49-0196	POINT 8	19:16 HOUR	-	173
T25ANI49-0197	POINT 9	19:17 HOUR	-	169
T25ANI49-0198	POINT 10	19:18 HOUR	-	120
T25ANI49-0199	POINT 11	19:19 HOUR	-	137
T25ANI49-0200	POINT 12	19:20 HOUR	-	128
	AVERAGE		-	149
T25ANI49-0201	ห้องประชุม ชั้น 1 อาคาร D	19:22 HOUR	-	280
T25ANI49-0202	POINT 1	19:23 HOUR	-	292
	POINT 2		-	



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ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			SPOT MEASUREMENT	AREA MEASUREMENT
T25ANI49-0203	POINT 3	19:24 HOUR	-	361
T25ANI49-0204	POINT 4	19:25 HOUR	-	263
	AVERAGE		-	302
T25ANI49-0205	ห้องประชุม ชั้น 1 อาคาร D ชั้น 2	19:27 HOUR	-	153
T25ANI49-0206	POINT 1	19:28 HOUR	-	181
	POINT 2		-	168
	AVERAGE		-	

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 MINISTRIAL 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, 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).



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- End of Analysis Report -



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### ANALYSIS REPORT

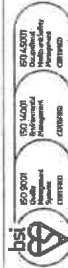
**CUSTOMER NAME** : ENERGY COMPLEX COMPANY LIMITED  
**ADDRESS** : 55/1 VIBHAVADI-RANGSIT ROAD CHATUCHAK BANGKOK 10900  
**CONTACT INFORMATION** : TEL : 063 997 9715 e-mail : gshen@energy.com.my  
**MEASURING PLACE** : ENERGY COMPLEX COMPANY LIMITED  
**MEASURING TYPE** : WORKPLACE (LIGHT INTENSITY)  
**MEASURING DATE** : JUNE 10, 2025  
**MEASURING TIME** : JUNE 20, 2025  
**MEASURING EQUIPMENT** : LUX METER \*\*  
**MEASURED BY** : MISS WILAWAN KARAM  
**RECEIVED DATE** : JUNE 10, 2025  
**ANALYTICAL DATE** : JUNE 20, 2025  
**REPORT NO.** : 2025-U055695  
**WORK NO.** : 2024-010117  
**ANALYSIS NO.** : T25ANI50-0001 - T25ANI50-0199

ANALYSIS NO.	MEASURING SITE	TIME #	RESULT (LUX)	
			LIGHT INTENSITY	AREA MEASUREMENT
T25ANI50-0001	ห้องแม่พิมพ์	19:30 HOUR		248
T25ANI50-0002	POINT 1	19:31 HOUR		203
	POINT 2			
	AVERAGE			225
T25ANI50-0003	ห้องแม่พิมพ์	19:33 HOUR		67
T25ANI50-0004	POINT 1	19:34 HOUR		65
T25ANI50-0005	POINT 2	19:35 HOUR		51
T25ANI50-0006	POINT 3	19:36 HOUR		37
	POINT 4			
	AVERAGE			55
T25ANI50-0007	ห้องแม่พิมพ์	19:38 HOUR		71
T25ANI50-0008	POINT 1	19:39 HOUR		78
T25ANI50-0009	POINT 2	19:40 HOUR		70
T25ANI50-0010	POINT 3	19:41 HOUR		69
T25ANI50-0011	POINT 4	19:42 HOUR		67
T25ANI50-0012	POINT 5	19:43 HOUR		73
T25ANI50-0013	POINT 6	19:44 HOUR		68
T25ANI50-0014	POINT 7	19:45 HOUR		56
T25ANI50-0015	POINT 8	19:46 HOUR		63
T25ANI50-0016	POINT 9	19:47 HOUR		57
T25ANI50-0017	POINT 10	19:48 HOUR		61
T25ANI50-0018	POINT 11	19:49 HOUR		66
T25ANI50-0019	POINT 12	19:50 HOUR		64
T25ANI50-0020	POINT 13	19:51 HOUR		67
	POINT 14			
	AVERAGE			67
T25ANI50-0021	ห้องแม่พิมพ์	19:53 HOUR		4
T25ANI50-0022	POINT 1	19:54 HOUR		4
T25ANI50-0023	POINT 2	19:55 HOUR		3
	POINT 3			

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### ANALYSIS REPORT

**CUSTOMER NAME** : ENERGY COMPLEX COMPANY LIMITED  
**ADDRESS** : 55/1 VIBHAVADI-RANGSIT ROAD CHATUCHAK BANGKOK 10900  
**CONTACT INFORMATION** : TEL : 063 997 9715 e-mail : gshen@energy.com.my  
**MEASURING PLACE** : ENERGY COMPLEX COMPANY LIMITED  
**MEASURING TYPE** : WORKPLACE (LIGHT INTENSITY)  
**MEASURING DATE** : JUNE 10, 2025  
**MEASURING TIME** : JUNE 20, 2025  
**MEASURING EQUIPMENT** : LUX METER \*\*  
**MEASURED BY** : MISS WILAWAN KARAM  
**RECEIVED DATE** : JUNE 10, 2025  
**ANALYTICAL DATE** : JUNE 20, 2025  
**REPORT NO.** : 2025-U055695  
**WORK NO.** : 2024-010117  
**ANALYSIS NO.** : T25ANI50-0001 - T25ANI50-0199

ANALYSIS NO.	MEASURING SITE	TIME #	RESULT (LUX)	
			LIGHT INTENSITY	AREA MEASUREMENT
T25ANI50-0024	POINT 4	19:56 HOUR		5
T25ANI50-0025	POINT 5	19:57 HOUR		2
T25ANI50-0026	POINT 6	19:58 HOUR		6
T25ANI50-0027	POINT 7	19:59 HOUR		3
T25ANI50-0028	POINT 8	20:00 HOUR		4
T25ANI50-0029	POINT 9	20:01 HOUR		7
	AVERAGE			4
T25ANI50-0030	ห้องแม่พิมพ์	20:03 HOUR		6
T25ANI50-0031	POINT 1	20:04 HOUR		3
T25ANI50-0032	POINT 2	20:05 HOUR		2
T25ANI50-0033	POINT 3	20:06 HOUR		7
T25ANI50-0034	POINT 4	20:07 HOUR		4
T25ANI50-0035	POINT 5	20:08 HOUR		3
T25ANI50-0036	POINT 6	20:09 HOUR		6
T25ANI50-0037	POINT 7	20:10 HOUR		9
T25ANI50-0038	POINT 8	20:11 HOUR		7
	POINT 9			
	AVERAGE			5
T25ANI50-0039	ห้องแม่พิมพ์	20:13 HOUR		37
T25ANI50-0040	POINT 1	20:14 HOUR		28
T25ANI50-0041	POINT 2	20:15 HOUR		52
T25ANI50-0042	POINT 3	20:16 HOUR		63
T25ANI50-0043	POINT 4	20:17 HOUR		41
T25ANI50-0044	POINT 5	20:18 HOUR		15
	POINT 6			
	AVERAGE			39
T25ANI50-0045	ห้องแม่พิมพ์	20:20 HOUR		165
T25ANI50-0046	POINT 1	20:21 HOUR		178
	POINT 2			
	AVERAGE			173
T25ANI50-0047	ห้องแม่พิมพ์	20:23 HOUR		258
T25ANI50-0048	POINT 1	20:24 HOUR		279
	POINT 2			
	AVERAGE			271
T25ANI50-0049	ห้องแม่พิมพ์	20:26 HOUR		58
T25ANI50-0050	POINT 1	20:27 HOUR		60
T25ANI50-0051	POINT 2	20:28 HOUR		53
T25ANI50-0052	POINT 3	20:29 HOUR		41
	POINT 4			
	AVERAGE			53
T25ANI50-0053	ห้องแม่พิมพ์	20:31 HOUR		52
	POINT 1			

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ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			LIGHT INTENSITY	AREA MEASUREMENT
T25ANI50-0054	POINT 2	20:32 HOUR	64	
T25ANI50-0055	POINT 3	20:33 HOUR	81	
T25ANI50-0056	POINT 4	20:34 HOUR	91	
T25ANI50-0057	POINT 5	20:35 HOUR	78	
T25ANI50-0058	POINT 6	20:36 HOUR	70	
T25ANI50-0059	POINT 7	20:37 HOUR	63	
T25ANI50-0060	POINT 8	20:38 HOUR	58	
T25ANI50-0061	POINT 9	20:39 HOUR	54	
T25ANI50-0062	POINT 10	20:40 HOUR	60	
T25ANI50-0063	POINT 11	20:41 HOUR	54	
T25ANI50-0064	POINT 12	20:42 HOUR	63	
T25ANI50-0065	POINT 13	20:43 HOUR	59	
T25ANI50-0066	POINT 14	20:44 HOUR	56	
	AVERAGE		65	
บริเวณโถงเดิน 1 อาคาร D ชั้น 3				
T25ANI50-0067	POINT 1	20:46 HOUR	59	
T25ANI50-0068	POINT 2	20:47 HOUR	63	
T25ANI50-0069	POINT 3	20:48 HOUR	28	
T25ANI50-0070	POINT 4	20:49 HOUR	22	
T25ANI50-0071	POINT 5	20:50 HOUR	25	
T25ANI50-0072	POINT 6	20:51 HOUR	29	
T25ANI50-0073	POINT 7	20:52 HOUR	26	
T25ANI50-0074	POINT 8	20:53 HOUR	31	
T25ANI50-0075	POINT 9	20:54 HOUR	33	
	AVERAGE		35	
บริเวณโถงเดิน 2 อาคาร D ชั้น 3				
T25ANI50-0076	POINT 1	20:56 HOUR	12	
T25ANI50-0077	POINT 2	20:57 HOUR	18	
T25ANI50-0078	POINT 3	20:58 HOUR	19	
T25ANI50-0079	POINT 4	20:59 HOUR	24	
T25ANI50-0080	POINT 5	21:00 HOUR	26	
T25ANI50-0081	POINT 6	21:01 HOUR	33	
T25ANI50-0082	POINT 7	21:02 HOUR	31	
T25ANI50-0083	POINT 8	21:03 HOUR	30	
T25ANI50-0084	POINT 9	21:04 HOUR	27	
	AVERAGE		57	
บริเวณโถงเดิน 3-ชั้น 4 อาคาร D				
T25ANI50-0085	POINT 1	21:06 HOUR	24	
T25ANI50-0086	POINT 2	21:07 HOUR	20	
T25ANI50-0087	POINT 3	21:08 HOUR	18	
T25ANI50-0088	POINT 4	21:09 HOUR	19	
T25ANI50-0089	POINT 5	21:10 HOUR	22	

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116/116-116-116, 116/116-116-116, 116/116-116-116, 116/116-116-116  
Tel: 02-2743 116-116 Fax: 02-2743 116-116 Email: lae@laeconsultant.com

ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			LIGHT INTENSITY	AREA MEASUREMENT
T25ANI50-0090	POINT 6	21:11 HOUR	31	
	AVERAGE		22	
บริเวณโถงเดินโถงไฟฟ้า อาคาร D ชั้น 4				
T25ANI50-0091	POINT 1	21:13 HOUR	168	
T25ANI50-0092	POINT 2	21:14 HOUR	181	
	AVERAGE		176	
โถงเดินบันได				
T25ANI50-0093	POINT 1	21:16 HOUR	274	
T25ANI50-0094	POINT 2	21:17 HOUR	272	
	AVERAGE		276	
บริเวณโถงเดินบันไดขึ้นอาคาร D ชั้น 4				
T25ANI50-0095	POINT 1	21:19 HOUR	51	
T25ANI50-0096	POINT 2	21:20 HOUR	56	
T25ANI50-0097	POINT 3	21:21 HOUR	52	
T25ANI50-0098	POINT 4	21:22 HOUR	57	
	AVERAGE		54	
บริเวณโถงเดินบันไดอาคาร D ชั้น 4				
T25ANI50-0099	POINT 1	21:24 HOUR	57	
T25ANI50-0100	POINT 2	21:25 HOUR	68	
T25ANI50-0101	POINT 3	21:26 HOUR	72	
T25ANI50-0102	POINT 4	21:27 HOUR	75	
T25ANI50-0103	POINT 5	21:28 HOUR	67	
T25ANI50-0104	POINT 6	21:29 HOUR	64	
T25ANI50-0105	POINT 7	21:30 HOUR	58	
T25ANI50-0106	POINT 8	21:31 HOUR	52	
T25ANI50-0107	POINT 9	21:32 HOUR	63	
T25ANI50-0108	POINT 10	21:33 HOUR	60	
T25ANI50-0109	POINT 11	21:34 HOUR	65	
T25ANI50-0110	POINT 12	21:35 HOUR	69	
T25ANI50-0111	POINT 13	21:36 HOUR	55	
T25ANI50-0112	POINT 14	21:37 HOUR	66	
	AVERAGE		64	
บริเวณโถงเดิน 1 อาคาร D ชั้น 4				
T25ANI50-0113	POINT 1	21:39 HOUR	16	
T25ANI50-0114	POINT 2	21:40 HOUR	17	
T25ANI50-0115	POINT 3	21:41 HOUR	18	
T25ANI50-0116	POINT 4	21:42 HOUR	27	
T25ANI50-0117	POINT 5	21:43 HOUR	23	
T25ANI50-0118	POINT 6	21:44 HOUR	33	
T25ANI50-0119	POINT 7	21:45 HOUR	29	
T25ANI50-0120	POINT 8	21:46 HOUR	26	

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ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			LIGHT INTENSITY	AREA MEASUREMENT
T25ANI50-0121	POINT 9	21:47 HOUR	28	
	AVERAGE		24	
บริเวณโถงลิ้น 2 อาคาร D ชั้น 4				
T25ANI50-0122	POINT 1	21:49 HOUR	10	
T25ANI50-0123	POINT 2	21:50 HOUR	13	
T25ANI50-0124	POINT 3	21:51 HOUR	18	
T25ANI50-0125	POINT 4	21:52 HOUR	23	
T25ANI50-0126	POINT 5	21:53 HOUR	21	
T25ANI50-0127	POINT 6	21:54 HOUR	24	
T25ANI50-0128	POINT 7	21:55 HOUR	33	
T25ANI50-0129	POINT 8	21:56 HOUR	19	
T25ANI50-0130	POINT 9	21:57 HOUR	20	
	AVERAGE		20	
บริเวณโถงลิ้นอาคาร ชั้น 1-ชั้น 2				
T25ANI50-0131	POINT 1	21:59 HOUR	52	
T25ANI50-0132	POINT 2	22:00 HOUR	43	
T25ANI50-0133	POINT 3	22:01 HOUR	10	
T25ANI50-0134	POINT 4	22:02 HOUR	12	
T25ANI50-0135	POINT 5	22:03 HOUR	18	
T25ANI50-0136	POINT 6	22:04 HOUR	23	
T25ANI50-0137	POINT 7	22:05 HOUR	22	
T25ANI50-0138	POINT 8	22:06 HOUR	21	
T25ANI50-0139	POINT 9	22:07 HOUR	33	
T25ANI50-0140	POINT 10	22:08 HOUR	21	
T25ANI50-0141	POINT 11	22:09 HOUR	20	
T25ANI50-0142	POINT 12	22:10 HOUR	25	
T25ANI50-0143	POINT 13	22:11 HOUR	19	
T25ANI50-0144	POINT 14	22:12 HOUR	22	
T25ANI50-0145	POINT 15	22:13 HOUR	21	
T25ANI50-0146	POINT 16	22:14 HOUR	18	
T25ANI50-0147	POINT 17	22:15 HOUR	15	
T25ANI50-0148	POINT 18	22:16 HOUR	21	
T25ANI50-0149	POINT 19	22:17 HOUR	19	
T25ANI50-0150	POINT 20	22:18 HOUR	23	
T25ANI50-0151	POINT 21	22:19 HOUR	18	
	AVERAGE		23	
บริเวณโถงลิ้นอาคาร ชั้น 2-ชั้น 3				
T25ANI50-0152	POINT 1	22:21 HOUR	47	
T25ANI50-0153	POINT 2	22:22 HOUR	24	
T25ANI50-0154	POINT 3	22:23 HOUR	32	
T25ANI50-0155	POINT 4	22:24 HOUR	39	
T25ANI50-0156	POINT 5	22:25 HOUR	38	



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ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			LIGHT INTENSITY	AREA MEASUREMENT
T25ANI50-0157	POINT 6	22:26 HOUR	55	
T25ANI50-0158	POINT 7	22:27 HOUR	25	
T25ANI50-0159	POINT 8	22:28 HOUR	29	
T25ANI50-0160	POINT 9	22:29 HOUR	20	
T25ANI50-0161	POINT 10	22:30 HOUR	29	
T25ANI50-0162	POINT 11	22:31 HOUR	26	
T25ANI50-0163	POINT 12	22:32 HOUR	31	
T25ANI50-0164	POINT 13	22:33 HOUR	14	
T25ANI50-0165	POINT 14	22:34 HOUR	32	
T25ANI50-0166	POINT 15	22:35 HOUR	24	
T25ANI50-0167	POINT 16	22:36 HOUR	22	
T25ANI50-0168	POINT 17	22:37 HOUR	25	
T25ANI50-0169	POINT 18	22:38 HOUR	18	
T25ANI50-0170	POINT 19	22:39 HOUR	18	
T25ANI50-0171	POINT 20	22:40 HOUR	24	
T25ANI50-0172	POINT 21	22:41 HOUR	23	
	AVERAGE		28	
บริเวณโถงลิ้นอาคาร ชั้น 3-ชั้น 4				
T25ANI50-0173	POINT 1	22:43 HOUR	5	
T25ANI50-0174	POINT 2	22:44 HOUR	3	
T25ANI50-0175	POINT 3	22:45 HOUR	3	
T25ANI50-0176	POINT 4	22:46 HOUR	4	
T25ANI50-0177	POINT 5	22:47 HOUR	8	
T25ANI50-0178	POINT 6	22:48 HOUR	2	
T25ANI50-0179	POINT 7	22:49 HOUR	4	
T25ANI50-0180	POINT 8	22:50 HOUR	7	
T25ANI50-0181	POINT 9	22:51 HOUR	9	
T25ANI50-0182	POINT 10	22:52 HOUR	2	
T25ANI50-0183	POINT 11	22:53 HOUR	6	
T25ANI50-0184	POINT 12	22:54 HOUR	4	
T25ANI50-0185	POINT 13	22:55 HOUR	8	
T25ANI50-0186	POINT 14	22:56 HOUR	4	
T25ANI50-0187	POINT 15	22:57 HOUR	10	
T25ANI50-0188	POINT 16	22:58 HOUR	7	
T25ANI50-0189	POINT 17	22:59 HOUR	6	
T25ANI50-0190	POINT 18	23:00 HOUR	7	
T25ANI50-0191	POINT 19	23:01 HOUR	8	
T25ANI50-0192	POINT 20	23:02 HOUR	7	
T25ANI50-0193	POINT 21	23:03 HOUR	9	
	AVERAGE		6	
บริเวณโถงลิ้นอาคาร ชั้น D				
T25ANI50-0194	POINT 1	23:05 HOUR	34	
T25ANI50-0195	POINT 2	23:06 HOUR	31	



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ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			LIGHT INTENSITY	AREA MEASUREMENT
T25AN150-0196	POINT 3	23:07 HOUR		31
T25AN150-0197	POINT 4	23:08 HOUR		53
T25AN150-0198	POINT 5	23:09 HOUR		47
T25AN150-0199	POINT 6	23:10 HOUR		50
	AVERAGE			41

REMARK :

- \*\* DEPARTMENT OF LABOR PROTECTION AND WELFARE ANNOUNCEMENT REGARDING STANDARDS, METHODS FOR MEASUREMENT OF ACTIVITIES 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 MINISTRIAL 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).



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ANALYSIS REPORT

**CUSTOMER NAME** : ENERGY COMPLEX COMPANY LIMITED  
**ADDRESS** : 555/1 VIBHAVADI-RANGSIT ROAD CHATUCHAK BANGKOK 10900  
**CONTACT INFORMATION** : TEL : 063 997 9715 e-mail : ogle.encomy@encomy.com  
**MEASURING PLACE** : ENERGY COMPLEX COMPANY LIMITED  
**MEASURING TYPE** : WORKPLACE (LIGHT INTENSITY)  
**MEASURING DATE** : JUNE 9, 2025  
**MEASURING TIME** : \*  
**MEASURING EQUIPMENT** : LUX METER \*\*  
**MEASURED BY** : MISS WILAWAN KARAM  
**RECEIVED DATE** : JUNE 9, 2025  
**ANALYTICAL DATE** : JUNE 9, 2025  
**ISSUE DATE** : JUNE 20, 2025  
**REPORT NO.** : 2025-U055614  
**WORK NO.** : 2024-01017  
**ANALYSIS NO.** : T25AN151-0001 - T25AN151-0102

ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			LIGHT INTENSITY	AREA MEASUREMENT
T25AN151-0001	DAY TIME วัดความเข้มแสงในห้องทำงาน B ชั้น 1	POINT 1		208
		POINT 2		204
		AVERAGE		206
T25AN151-0003	บริเวณทางเดินบันไดขึ้น อาคาร B ชั้น 1	POINT 1		193
		POINT 2		198
		POINT 3		188
		POINT 4		169
		AVERAGE		187
T25AN151-0007	บริเวณทางเดินอาคาร B ชั้น 1	POINT 1		116
		POINT 2		114
		POINT 3		120
		POINT 4		110
		POINT 5		139
		POINT 6		150
		POINT 7		123
		POINT 8		142
		POINT 9		138
		POINT 10		130
		POINT 11		160
		POINT 12		149
		POINT 13		136
		POINT 14		143
		AVERAGE		138
T25AN151-0021	ห้องประชุม อาคาร B ชั้น 1	POINT 1		129
		POINT 2		169
		AVERAGE		149



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ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			LIGHT INTENSITY	AREA MEASUREMENT
T2SANI51-0023	บ่อน้ำตื้น 2 ตาราง B ชั้น 1	POINT 1	155	
		POINT 2	152	
		AVERAGE	154	
T2SANI51-0025	บ่อน้ำตื้น 1-ชั้น 2 ตาราง B	POINT 1	343	
		POINT 2	227	
		POINT 3	200	
		POINT 4	714	
		POINT 5	570	
		POINT 6	599	
T2SANI51-0030	บ่อน้ำตื้น 1-ชั้น 2 ตาราง B	AVERAGE	442	
		POINT 1	109	
		POINT 2	114	
T2SANI51-0032	บ่อน้ำตื้น 1-ชั้น 2 ตาราง B	AVERAGE	112	
		POINT 1	326	
		POINT 2	292	
T2SANI51-0034	บ่อน้ำตื้น 1-ชั้น 2 ตาราง B	POINT 3	433	
		POINT 4	458	
		AVERAGE	377	
T2SANI51-0037	บ่อน้ำตื้น 1-ชั้น 2 ตาราง B	POINT 1	183	
		POINT 2	114	
		POINT 3	119	
T2SANI51-0039	บ่อน้ำตื้น 1-ชั้น 2 ตาราง B	POINT 4	130	
		POINT 5	148	
		POINT 6	204	
T2SANI51-0041	บ่อน้ำตื้น 1-ชั้น 2 ตาราง B	POINT 7	216	
		POINT 8	164	
		POINT 9	189	
T2SANI51-0043	บ่อน้ำตื้น 1-ชั้น 2 ตาราง B	POINT 10	127	
		POINT 11	222	
		POINT 12	214	
T2SANI51-0045	บ่อน้ำตื้น 1-ชั้น 2 ตาราง B	POINT 13	140	
		POINT 14	129	
		AVERAGE	164	
T2SANI51-0051	บ่อน้ำตื้น 1-ชั้น 2 ตาราง B	POINT 1	326	
		POINT 2	549	
		POINT 3	511	

ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			LIGHT INTENSITY	AREA MEASUREMENT
T2SANI51-0054	บ่อน้ำตื้น 1-ชั้น 2 ตาราง B	POINT 4	745	
		POINT 5	514	
		POINT 6	508	
T2SANI51-0056	บ่อน้ำตื้น 1-ชั้น 2 ตาราง B	AVERAGE	526	
		POINT 1	119	
		POINT 2	128	
T2SANI51-0058	บ่อน้ำตื้น 1-ชั้น 2 ตาราง B	AVERAGE	124	
		POINT 1	323	
		POINT 2	290	
T2SANI51-0060	บ่อน้ำตื้น 1-ชั้น 2 ตาราง B	POINT 3	295	
		POINT 4	730	
		AVERAGE	410	
T2SANI51-0063	บ่อน้ำตื้น 1-ชั้น 2 ตาราง B	POINT 1	135	
		POINT 2	145	
		POINT 3	140	
T2SANI51-0065	บ่อน้ำตื้น 1-ชั้น 2 ตาราง B	POINT 4	218	
		POINT 5	187	
		POINT 6	175	
T2SANI51-0067	บ่อน้ำตื้น 1-ชั้น 2 ตาราง B	POINT 7	149	
		POINT 8	136	
		POINT 9	141	
T2SANI51-0070	บ่อน้ำตื้น 1-ชั้น 2 ตาราง B	POINT 10	127	
		POINT 11	122	
		POINT 12	209	
T2SANI51-0072	บ่อน้ำตื้น 1-ชั้น 2 ตาราง B	POINT 13	165	
		POINT 14	152	
		AVERAGE	157	
T2SANI51-0074	บ่อน้ำตื้น 1-ชั้น 2 ตาราง B	POINT 1	490	
		POINT 2	785	
		POINT 3	1,239	
T2SANI51-0076	บ่อน้ำตื้น 1-ชั้น 2 ตาราง B	POINT 4	739	
		POINT 5	572	
		POINT 6	604	
T2SANI51-0078	บ่อน้ำตื้น 1-ชั้น 2 ตาราง B	AVERAGE	738	
		POINT 1	144	
		POINT 2	136	
T2SANI51-0080	บ่อน้ำตื้น 1-ชั้น 2 ตาราง B	AVERAGE	140	



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ANALYSIS NO.	MEASURING SITE	TIME #	RESULT (LUX)	
			LIGHT INTENSITY	AREA MEASUREMENT
บริเวณทางเดินอาคาร B ชั้น 4				
T25AN151-0085	POINT 1	11:09 HOUR	421	
T25AN151-0086	POINT 2	11:10 HOUR	671	
T25AN151-0087	POINT 3	11:11 HOUR	686	
T25AN151-0088	POINT 4	11:12 HOUR	767	
	AVERAGE		636	
บริเวณทางเดินอาคาร B ชั้น 4				
T25AN151-0089	POINT 1	11:14 HOUR	222	
T25AN151-0090	POINT 2	11:15 HOUR	173	
T25AN151-0091	POINT 3	11:16 HOUR	149	
T25AN151-0092	POINT 4	11:17 HOUR	182	
T25AN151-0093	POINT 5	11:18 HOUR	177	
T25AN151-0094	POINT 6	11:19 HOUR	107	
T25AN151-0095	POINT 7	11:20 HOUR	133	
T25AN151-0096	POINT 8	11:21 HOUR	175	
T25AN151-0097	POINT 9	11:22 HOUR	244	
T25AN151-0098	POINT 10	11:23 HOUR	224	
T25AN151-0099	POINT 11	11:24 HOUR	107	
T25AN151-0100	POINT 12	11:25 HOUR	109	
T25AN151-0101	POINT 13	11:26 HOUR	134	
T25AN151-0102	POINT 14	11:27 HOUR	125	
	AVERAGE		161	

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).



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ANALYSIS REPORT

**CUSTOMER NAME** : ENERGY COMPLEX COMPANY LIMITED  
**ADDRESS** : 555/1 VIBHAVADI-RANGSIT ROAD CHATUCHAK BANGKOK 10900  
**CONTACT INFORMATION** : TEL : 063 997 9715 e-mail : gshe.encomy@encomy.com  
**MEASURING PLACE** : ENERGY COMPLEX COMPANY LIMITED  
**MEASURING TYPE** : WORKPLACE (LIGHT INTENSITY)  
**MEASURING DATE** : JUNE 9, 2025  
**MEASURING TIME** : \*  
**MEASURING EQUIPMENT** : LUX METER \*\*  
**MEASURED BY** : MISS WILAWAN KARAN  
**RECEIVED DATE** : JUNE 9, 2025  
**ANALYTICAL DATE** : JUNE 9, 2025  
**ISSUE DATE** : JUNE 20, 2025  
**REPORT NO.** : 2025-U055659  
**WORK NO.** : 2024-010117  
**ANALYSIS NO.** : T25AN151-0103 - T25AN151-0339

ANALYSIS NO.	MEASURING SITE	TIME #	RESULT (LUX)	
			LIGHT INTENSITY	AREA MEASUREMENT
	NIGHT TIME บริเวณทางเดินอาคาร B ชั้น 1			
T25AN151-0103	POINT 1	18:30 HOUR	167	
T25AN151-0104	POINT 2	18:31 HOUR	148	
	AVERAGE		157	
	บริเวณทางเดินอาคาร B ชั้น 1			
T25AN151-0105	POINT 1	18:33 HOUR	66	
T25AN151-0106	POINT 2	18:34 HOUR	121	
T25AN151-0107	POINT 3	18:35 HOUR	141	
T25AN151-0108	POINT 4	18:36 HOUR	135	
	AVERAGE		116	
	บริเวณทางเดินอาคาร B ชั้น 1			
T25AN151-0109	POINT 1	18:38 HOUR	78	
T25AN151-0110	POINT 2	18:39 HOUR	107	
T25AN151-0111	POINT 3	18:40 HOUR	113	
T25AN151-0112	POINT 4	18:41 HOUR	75	
T25AN151-0113	POINT 5	18:42 HOUR	75	
T25AN151-0114	POINT 6	18:43 HOUR	117	
T25AN151-0115	POINT 7	18:44 HOUR	113	
T25AN151-0116	POINT 8	18:45 HOUR	120	
T25AN151-0117	POINT 9	18:46 HOUR	106	
T25AN151-0118	POINT 10	18:47 HOUR	110	
T25AN151-0119	POINT 11	18:48 HOUR	123	
T25AN151-0120	POINT 12	18:49 HOUR	103	
T25AN151-0121	POINT 13	18:50 HOUR	101	
T25AN151-0122	POINT 14	18:51 HOUR	97	
	AVERAGE		103	
	บริเวณทางเดินอาคาร B ชั้น 1			
T25AN151-0123	POINT 1	18:53 HOUR	28	
T25AN151-0124	POINT 2	18:54 HOUR	16	
T25AN151-0125	POINT 3	18:55 HOUR	22	



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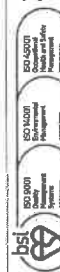
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ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX) LIGHT INTENSITY AREA MEASUREMENT
T25AN151-0126	POINT 4	18:56 HOUR	21
T25AN151-0127	POINT 5	18:57 HOUR	20
T25AN151-0128	POINT 6	18:58 HOUR	24
T25AN151-0129	POINT 7	18:59 HOUR	28
T25AN151-0130	POINT 8	19:00 HOUR	26
T25AN151-0131	POINT 9	19:01 HOUR	21
	AVERAGE		23
	บริเวณโถงลิ้น 2 อาคาร B ชั้น 1		
T25AN151-0132	POINT 1	19:03 HOUR	19
T25AN151-0133	POINT 2	19:04 HOUR	18
T25AN151-0134	POINT 3	19:05 HOUR	33
T25AN151-0135	POINT 4	19:06 HOUR	38
T25AN151-0136	POINT 5	19:07 HOUR	58
T25AN151-0137	POINT 6	19:08 HOUR	64
T25AN151-0138	POINT 7	19:09 HOUR	51
T25AN151-0139	POINT 8	19:10 HOUR	44
T25AN151-0140	POINT 9	19:11 HOUR	41
	AVERAGE		41
	โถงลิ้นอาคาร B ชั้น 1		
T25AN151-0141	POINT 1	19:13 HOUR	207
T25AN151-0142	POINT 2	19:14 HOUR	206
	AVERAGE		206
	โถงลิ้นอาคาร B ชั้น 1		
T25AN151-0143	POINT 1	19:16 HOUR	147
T25AN151-0144	POINT 2	19:17 HOUR	136
	AVERAGE		142
	บันไดทางขึ้น 1-ชั้น 2 อาคาร B		
T25AN151-0145	POINT 1	19:19 HOUR	45
T25AN151-0146	POINT 2	19:20 HOUR	23
T25AN151-0147	POINT 3	19:21 HOUR	24
T25AN151-0148	POINT 4	19:22 HOUR	17
T25AN151-0149	POINT 5	19:23 HOUR	21
T25AN151-0150	POINT 6	19:24 HOUR	38
	AVERAGE		28
	โถงลิ้นอาคาร B ชั้น 2		
T25AN151-0151	POINT 1	19:26 HOUR	89
T25AN151-0152	POINT 2	19:27 HOUR	65
	AVERAGE		77
	โถงลิ้นอาคาร B ชั้น 2		
T25AN151-0153	POINT 1	19:29 HOUR	169
T25AN151-0154	POINT 2	19:30 HOUR	137
T25AN151-0155	POINT 3	19:31 HOUR	149

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ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX) LIGHT INTENSITY AREA MEASUREMENT
T25AN151-0156	POINT 4	19:32 HOUR	193
	AVERAGE		162
	บริเวณลิ้นอาคาร B ชั้น 2		
T25AN151-0157	POINT 1	19:34 HOUR	128
T25AN151-0158	POINT 2	19:35 HOUR	171
T25AN151-0159	POINT 3	19:36 HOUR	144
T25AN151-0160	POINT 4	19:37 HOUR	86
T25AN151-0161	POINT 5	19:38 HOUR	153
T25AN151-0162	POINT 6	19:39 HOUR	123
T25AN151-0163	POINT 7	19:40 HOUR	201
T25AN151-0164	POINT 8	19:41 HOUR	103
T25AN151-0165	POINT 9	19:42 HOUR	99
T25AN151-0166	POINT 10	19:43 HOUR	107
T25AN151-0167	POINT 11	19:44 HOUR	121
T25AN151-0168	POINT 12	19:45 HOUR	110
T25AN151-0169	POINT 13	19:46 HOUR	117
T25AN151-0170	POINT 14	19:47 HOUR	124
	AVERAGE		128
	บริเวณโถงลิ้น 1 อาคาร B ชั้น 2		
T25AN151-0171	POINT 1	19:49 HOUR	19
T25AN151-0172	POINT 2	19:50 HOUR	20
T25AN151-0173	POINT 3	19:51 HOUR	26
T25AN151-0174	POINT 4	19:52 HOUR	22
T25AN151-0175	POINT 5	19:53 HOUR	27
T25AN151-0176	POINT 6	19:54 HOUR	25
T25AN151-0177	POINT 7	19:55 HOUR	40
T25AN151-0178	POINT 8	19:56 HOUR	33
T25AN151-0179	POINT 9	19:57 HOUR	30
	AVERAGE		27
	บริเวณโถงลิ้น 2 อาคาร B ชั้น 2		
T25AN151-0180	POINT 1	19:59 HOUR	34
T25AN151-0181	POINT 2	20:00 HOUR	29
T25AN151-0182	POINT 3	20:01 HOUR	23
T25AN151-0183	POINT 4	20:02 HOUR	25
T25AN151-0184	POINT 5	20:03 HOUR	23
T25AN151-0185	POINT 6	20:04 HOUR	23
T25AN151-0186	POINT 7	20:05 HOUR	39
T25AN151-0187	POINT 8	20:06 HOUR	41
T25AN151-0188	POINT 9	20:07 HOUR	36
	AVERAGE		30
	บันไดทางขึ้น 2-ชั้น 3 อาคาร B		
T25AN151-0189	POINT 1	20:09 HOUR	72
T25AN151-0190	POINT 2	20:10 HOUR	25

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ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			LIGHT INTENSITY	AREA MEASUREMENT
T25AN151-0191	POINT 3	20:11 HOUR	23	
T25AN151-0192	POINT 4	20:12 HOUR	26	
T25AN151-0193	POINT 5	20:13 HOUR	70	
T25AN151-0194	POINT 6	20:14 HOUR	48	
	AVERAGE		44	
T25AN151-0195	วัดความเข้มแสงในห้องอาหาร B ชั้น 3	20:16 HOUR	74	
T25AN151-0196	POINT 1	20:17 HOUR	68	
	AVERAGE		71	
T25AN151-0197	วัดความเข้มแสงในห้องอาหาร B ชั้น 3	20:19 HOUR	94	
T25AN151-0198	POINT 2	20:20 HOUR	79	
T25AN151-0199	POINT 3	20:21 HOUR	86	
T25AN151-0200	POINT 4	20:22 HOUR	109	
	AVERAGE		92	
T25AN151-0201	วัดความเข้มแสงในห้องอาหาร B ชั้น 3	20:24 HOUR	150	
T25AN151-0202	POINT 1	20:25 HOUR	148	
T25AN151-0203	POINT 2	20:26 HOUR	111	
T25AN151-0204	POINT 3	20:27 HOUR	116	
T25AN151-0205	POINT 4	20:28 HOUR	90	
T25AN151-0206	POINT 5	20:29 HOUR	91	
T25AN151-0207	POINT 6	20:30 HOUR	180	
T25AN151-0208	POINT 7	20:31 HOUR	173	
T25AN151-0209	POINT 8	20:32 HOUR	87	
T25AN151-0210	POINT 9	20:33 HOUR	136	
T25AN151-0211	POINT 10	20:34 HOUR	114	
T25AN151-0212	POINT 11	20:35 HOUR	122	
T25AN151-0213	POINT 12	20:36 HOUR	108	
T25AN151-0214	POINT 13	20:37 HOUR	118	
	AVERAGE		125	
T25AN151-0215	วัดความเข้มแสงในห้องอาหาร B ชั้น 3	20:39 HOUR	26	
T25AN151-0216	POINT 1	20:40 HOUR	31	
T25AN151-0217	POINT 2	20:41 HOUR	23	
T25AN151-0218	POINT 3	20:42 HOUR	31	
T25AN151-0219	POINT 4	20:43 HOUR	37	
T25AN151-0220	POINT 5	20:44 HOUR	36	
T25AN151-0221	POINT 6	20:45 HOUR	24	
T25AN151-0222	POINT 7	20:46 HOUR	27	
T25AN151-0223	POINT 8	20:47 HOUR	25	
	AVERAGE		29	

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ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			LIGHT INTENSITY	AREA MEASUREMENT
T25AN151-0224	วัดความเข้มแสงในห้องอาหาร B ชั้น 3	20:49 HOUR	38	
T25AN151-0225	POINT 1	20:50 HOUR	24	
T25AN151-0226	POINT 2	20:51 HOUR	21	
T25AN151-0227	POINT 3	20:52 HOUR	24	
T25AN151-0228	POINT 4	20:53 HOUR	35	
T25AN151-0229	POINT 5	20:54 HOUR	30	
T25AN151-0230	POINT 6	20:55 HOUR	22	
T25AN151-0231	POINT 7	20:56 HOUR	24	
T25AN151-0232	POINT 8	20:57 HOUR	19	
	AVERAGE		26	
T25AN151-0233	วัดความเข้มแสงในห้องอาหาร B ชั้น 3	20:59 HOUR	68	
T25AN151-0234	POINT 1	21:00 HOUR	20	
T25AN151-0235	POINT 2	21:01 HOUR	16	
T25AN151-0236	POINT 3	21:02 HOUR	17	
T25AN151-0237	POINT 4	21:03 HOUR	20	
T25AN151-0238	POINT 5	21:04 HOUR	24	
	AVERAGE		28	
T25AN151-0239	วัดความเข้มแสงในห้องอาหาร B ชั้น 4	21:06 HOUR	112	
T25AN151-0240	POINT 1	21:07 HOUR	109	
	AVERAGE		111	
T25AN151-0241	วัดความเข้มแสงในห้องอาหาร B ชั้น 4	21:09 HOUR	179	
T25AN151-0242	POINT 1	21:10 HOUR	118	
T25AN151-0243	POINT 2	21:11 HOUR	107	
T25AN151-0244	POINT 3	21:12 HOUR	162	
	AVERAGE		141	
T25AN151-0245	วัดความเข้มแสงในห้องอาหาร B ชั้น 4	21:14 HOUR	182	
T25AN151-0246	POINT 1	21:15 HOUR	79	
T25AN151-0247	POINT 2	21:16 HOUR	75	
T25AN151-0248	POINT 3	21:17 HOUR	144	
T25AN151-0249	POINT 4	21:18 HOUR	114	
T25AN151-0250	POINT 5	21:19 HOUR	167	
T25AN151-0251	POINT 6	21:20 HOUR	201	
T25AN151-0252	POINT 7	21:21 HOUR	88	
T25AN151-0253	POINT 8	21:22 HOUR	129	
T25AN151-0254	POINT 9	21:23 HOUR	84	
T25AN151-0255	POINT 10	21:24 HOUR	91	
T25AN151-0256	POINT 11	21:25 HOUR	102	
	AVERAGE		102	

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ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			LIGHT INTENSITY	AREA MEASUREMENT
T25ANI51-0257	POINT 13	21:26 HOUR	112	
T25ANI51-0258	POINT 14	21:27 HOUR	103	
	AVERAGE		119	
บริเวณโถงลิฟต์ 1 อาคาร B ชั้น 4				
T25ANI51-0259	POINT 1	21:29 HOUR	25	
T25ANI51-0260	POINT 2	21:30 HOUR	34	
T25ANI51-0261	POINT 3	21:31 HOUR	27	
T25ANI51-0262	POINT 4	21:32 HOUR	19	
T25ANI51-0263	POINT 5	21:33 HOUR	16	
T25ANI51-0264	POINT 6	21:34 HOUR	34	
T25ANI51-0265	POINT 7	21:35 HOUR	30	
T25ANI51-0266	POINT 8	21:36 HOUR	41	
T25ANI51-0267	POINT 9	21:37 HOUR	30	
	AVERAGE		28	
บริเวณโถงลิฟต์ 2 อาคาร B ชั้น 4				
T25ANI51-0268	POINT 1	21:39 HOUR	23	
T25ANI51-0269	POINT 2	21:40 HOUR	21	
T25ANI51-0270	POINT 3	21:41 HOUR	29	
T25ANI51-0271	POINT 4	21:42 HOUR	21	
T25ANI51-0272	POINT 5	21:43 HOUR	19	
T25ANI51-0273	POINT 6	21:44 HOUR	28	
T25ANI51-0274	POINT 7	21:45 HOUR	24	
T25ANI51-0275	POINT 8	21:46 HOUR	20	
T25ANI51-0276	POINT 9	21:47 HOUR	27	
	AVERAGE		23	
บริเวณโถงลิฟต์อาคาร ชั้น 1-ชั้น 2				
T25ANI51-0277	POINT 1	21:49 HOUR	97	
T25ANI51-0278	POINT 2	21:50 HOUR	82	
T25ANI51-0279	POINT 3	21:51 HOUR	32	
T25ANI51-0280	POINT 4	21:52 HOUR	30	
T25ANI51-0281	POINT 5	21:53 HOUR	22	
T25ANI51-0282	POINT 6	21:54 HOUR	20	
T25ANI51-0283	POINT 7	21:55 HOUR	19	
T25ANI51-0284	POINT 8	21:56 HOUR	17	
T25ANI51-0285	POINT 9	21:57 HOUR	15	
T25ANI51-0286	POINT 10	21:58 HOUR	34	
T25ANI51-0287	POINT 11	21:59 HOUR	31	
T25ANI51-0288	POINT 12	22:00 HOUR	30	
T25ANI51-0289	POINT 13	22:01 HOUR	35	
T25ANI51-0290	POINT 14	22:02 HOUR	39	
T25ANI51-0291	POINT 15	22:03 HOUR	43	
T25ANI51-0292	POINT 16	22:04 HOUR	57	
T25ANI51-0293	POINT 17	22:05 HOUR	45	

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ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			LIGHT INTENSITY	AREA MEASUREMENT
T25ANI51-0294	POINT 18	22:06 HOUR	42	
T25ANI51-0295	POINT 19	22:07 HOUR	29	
T25ANI51-0296	POINT 20	22:08 HOUR	31	
T25ANI51-0297	POINT 21	22:09 HOUR	30	
	AVERAGE		37	
บริเวณโถงลิฟต์อาคาร ชั้น 2-ชั้น 3				
T25ANI51-0298	POINT 1	22:11 HOUR	83	
T25ANI51-0299	POINT 2	22:12 HOUR	46	
T25ANI51-0300	POINT 3	22:13 HOUR	30	
T25ANI51-0301	POINT 4	22:14 HOUR	23	
T25ANI51-0302	POINT 5	22:15 HOUR	21	
T25ANI51-0303	POINT 6	22:16 HOUR	19	
T25ANI51-0304	POINT 7	22:17 HOUR	17	
T25ANI51-0305	POINT 8	22:18 HOUR	16	
T25ANI51-0306	POINT 9	22:19 HOUR	14	
T25ANI51-0307	POINT 10	22:20 HOUR	12	
T25ANI51-0308	POINT 11	22:21 HOUR	20	
T25ANI51-0309	POINT 12	22:22 HOUR	17	
T25ANI51-0310	POINT 13	22:23 HOUR	15	
T25ANI51-0311	POINT 14	22:24 HOUR	16	
T25ANI51-0312	POINT 15	22:25 HOUR	18	
T25ANI51-0313	POINT 16	22:26 HOUR	13	
T25ANI51-0314	POINT 17	22:27 HOUR	20	
T25ANI51-0315	POINT 18	22:28 HOUR	24	
T25ANI51-0316	POINT 19	22:29 HOUR	18	
T25ANI51-0317	POINT 20	22:30 HOUR	21	
T25ANI51-0318	POINT 21	22:31 HOUR	17	
	AVERAGE		23	
บริเวณโถงลิฟต์อาคาร ชั้น 3-ชั้น 4				
T25ANI51-0319	POINT 1	22:33 HOUR	25	
T25ANI51-0320	POINT 2	22:34 HOUR	18	
T25ANI51-0321	POINT 3	22:35 HOUR	12	
T25ANI51-0322	POINT 4	22:36 HOUR	19	
T25ANI51-0323	POINT 5	22:37 HOUR	17	
T25ANI51-0324	POINT 6	22:38 HOUR	15	
T25ANI51-0325	POINT 7	22:39 HOUR	16	
T25ANI51-0326	POINT 8	22:40 HOUR	13	
T25ANI51-0327	POINT 9	22:41 HOUR	12	
T25ANI51-0328	POINT 10	22:42 HOUR	13	
T25ANI51-0329	POINT 11	22:43 HOUR	23	
T25ANI51-0330	POINT 12	22:44 HOUR	18	
T25ANI51-0331	POINT 13	22:45 HOUR	17	
T25ANI51-0332	POINT 14	22:46 HOUR	19	

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ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			AREA	MEASUREMENT
T25ANL51-0333	POINT 15	22:47 HOUR	16	
T25ANL51-0334	POINT 16	22:48 HOUR	13	
T25ANL51-0335	POINT 17	22:49 HOUR	21	
T25ANL51-0336	POINT 18	22:50 HOUR	19	
T25ANL51-0337	POINT 19	22:51 HOUR	20	
T25ANL51-0338	POINT 20	22:52 HOUR	19	
T25ANL51-0339	POINT 21	22:53 HOUR	21	
	AVERAGE			17

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).



- End of Analysis Report -



NSC-TISI-TIS 17025  
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**LIAE** United Analyst and Engineering Consultant Co., Ltd.  
3 Set Udumruek 41, 5, Minwatt Pong, Bangkok, Thailand 10260  
Tel: 02-2763 2822 Fax: 02-263 2860 E-mail: lae@uae-consultant.com

### ANALYSIS REPORT

**CUSTOMER NAME** : ENERGY COMPLEX COMPANY LIMITED  
**ADDRESS** : 559/1 VIBHAVADI-RANGSIT ROAD CHATUCHAK BANGKOK 10900  
**CONTACT INFORMATION** : TEL: 063 997 9715 e-mail: qhe.encomy@encomy.com  
**MEASURING PLACE** : ENERGY COMPLEX COMPANY LIMITED  
**MEASURING TYPE** : WORKPLACE (LIGHT INTENSITY)  
**MEASURING DATE** : JUNE 12, 2025  
**MEASURING TIME** : \*  
**MEASURING EQUIPMENT** : LUX METER\*\*  
**MEASURED BY** : MISS NIPASSORN KRISATHAN  
**RECEIVED DATE** : JUNE 12, 2025  
**ANALYTICAL DATE** : JUNE 12, 2025  
**ISSUE DATE** : JUNE 19, 2025  
**REPORT NO.** : 2025-U055682  
**WORK NO.** : 2024-010117  
**ANALYSIS NO.** : T25ANL58-0001 - T25ANL58-0254

ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			SPOT MEASUREMENT	AREA MEASUREMENT
T25ANL58-0001	DAY TIME			
	บริเวณประตูหน้า อาคาร E ชั้น 1	09:30 HOUR	-	98
	POINT 1	09:31 HOUR	-	99
T25ANL58-0002	AVERAGE			99
T25ANL58-0003	บริเวณทางเดินหน้าอาคาร E ชั้น 1			
	POINT 1	09:33 HOUR	-	1,290
	POINT 2	09:34 HOUR	-	336
	POINT 3	09:35 HOUR	-	1,292
	POINT 4	09:36 HOUR	-	482
T25ANL58-0006	AVERAGE			850
T25ANL58-0007	บริเวณทางเดินหน้าอาคาร E ชั้น 1			
	POINT 1	09:38 HOUR	-	111
	POINT 2	09:39 HOUR	-	72
	POINT 3	09:40 HOUR	-	68
	POINT 4	09:41 HOUR	-	84
	POINT 5	09:42 HOUR	-	469
	POINT 6	09:43 HOUR	-	116
	POINT 7	09:44 HOUR	-	107
	POINT 8	09:45 HOUR	-	108
	POINT 9	09:46 HOUR	-	115
	POINT 10	09:47 HOUR	-	110
	POINT 11	09:48 HOUR	-	128
	POINT 12	09:49 HOUR	-	98
	POINT 13	09:50 HOUR	-	93
T25ANL58-0020	AVERAGE			127
T25ANL58-0021	หน้า BAR AND BISTRO อาคาร E ชั้น 1			
	POINT 1	09:53 HOUR	-	707
	POINT 2	09:54 HOUR	-	325
	POINT 3	09:55 HOUR	-	367
T25ANL58-0024	POINT 4	09:56 HOUR	-	1,049







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NSC-TIS-718 17025

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ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			SPOT MEASUREMENT	AREA MEASUREMENT
T25ANL58-0088	POINT 10	11:11 HOUR	-	46
T25ANL58-0089	POINT 11	11:12 HOUR	-	70
T25ANL58-0090	POINT 12	11:13 HOUR	-	78
T25ANL58-0091	POINT 13	11:14 HOUR	-	136
T25ANL58-0092	POINT 14	11:15 HOUR	-	665
	AVERAGE		-	409
พื้นที่จอดรถ 3 - ชั้น 4 อาคาร E				
T25ANL58-0093	POINT 1	11:17 HOUR	-	4,143
T25ANL58-0094	POINT 2	11:18 HOUR	-	6,121
T25ANL58-0095	POINT 3	11:19 HOUR	-	9,992
T25ANL58-0096	POINT 4	11:20 HOUR	-	8,861
T25ANL58-0097	POINT 5	11:21 HOUR	-	5,331
T25ANL58-0098	POINT 6	11:22 HOUR	-	2,032
	AVERAGE		-	6,080
โถงทางเดินหน้าห้าง อาคาร E ชั้น 4				
T25ANL58-0099	POINT 1	11:24 HOUR	-	149
T25ANL58-0100	POINT 2	11:25 HOUR	-	152
	AVERAGE		-	151
โถงทางเดินหน้าห้าง อาคาร E ชั้น 4				
T25ANL58-0101	POINT 1	11:27 HOUR	-	988
T25ANL58-0102	POINT 2	11:28 HOUR	-	574
T25ANL58-0103	POINT 3	11:29 HOUR	-	578
T25ANL58-0104	POINT 4	11:30 HOUR	-	905
	AVERAGE		-	761
โถงทางเดินหน้าห้าง อาคาร E ชั้น 4				
T25ANL58-0105	POINT 1	11:32 HOUR	-	362
T25ANL58-0106	POINT 2	11:33 HOUR	-	360
T25ANL58-0107	POINT 3	11:34 HOUR	-	365
T25ANL58-0108	POINT 4	11:35 HOUR	-	586
T25ANL58-0109	POINT 5	11:36 HOUR	-	552
T25ANL58-0110	POINT 6	11:37 HOUR	-	1,818
T25ANL58-0111	POINT 7	11:38 HOUR	-	1,822
T25ANL58-0112	POINT 8	11:39 HOUR	-	244
T25ANL58-0113	POINT 9	11:40 HOUR	-	240
T25ANL58-0114	POINT 10	11:41 HOUR	-	228
T25ANL58-0115	POINT 11	11:42 HOUR	-	226
T25ANL58-0116	POINT 12	11:43 HOUR	-	272
T25ANL58-0117	POINT 13	11:44 HOUR	-	207
T25ANL58-0118	POINT 14	11:45 HOUR	-	202
	AVERAGE		-	535
โถงชั้นห้าง E				
T25ANL58-0119	POINT 1	11:47 HOUR	-	866
T25ANL58-0120	POINT 2	11:48 HOUR	-	249



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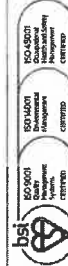
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NSC-TIS-718 17025

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ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			SPOT MEASUREMENT	AREA MEASUREMENT
T25ANL58-0121	POINT 3	11:49 HOUR	-	205
T25ANL58-0122	POINT 4	11:50 HOUR	-	193
T25ANL58-0123	POINT 5	11:51 HOUR	-	197
T25ANL58-0124	POINT 6	11:52 HOUR	-	204
	AVERAGE		-	319
T25ANL58-0125	โถงชั้นห้าง E	11:54 HOUR	217	-
T25ANL58-0126	โถงชั้นห้าง E	11:56 HOUR	712	-
โถงชั้นห้าง E ชั้น 1				
T25ANL58-0127	POINT 1	19:00 HOUR	-	106
T25ANL58-0128	POINT 2	19:01 HOUR	-	101
	AVERAGE		-	103
โถงชั้นห้าง E ชั้น 1				
T25ANL58-0129	POINT 1	19:03 HOUR	-	38
T25ANL58-0130	POINT 2	19:04 HOUR	-	69
T25ANL58-0131	POINT 3	19:05 HOUR	-	44
T25ANL58-0132	POINT 4	19:06 HOUR	-	59
	AVERAGE		-	53
โถงชั้นห้าง E ชั้น 1				
T25ANL58-0133	POINT 1	19:08 HOUR	-	73
T25ANL58-0134	POINT 2	19:09 HOUR	-	89
T25ANL58-0135	POINT 3	19:10 HOUR	-	76
T25ANL58-0136	POINT 4	19:11 HOUR	-	78
T25ANL58-0137	POINT 5	19:12 HOUR	-	83
T25ANL58-0138	POINT 6	19:13 HOUR	-	91
T25ANL58-0139	POINT 7	19:14 HOUR	-	77
T25ANL58-0140	POINT 8	19:15 HOUR	-	83
T25ANL58-0141	POINT 9	19:16 HOUR	-	88
T25ANL58-0142	POINT 10	19:17 HOUR	-	94
T25ANL58-0143	POINT 11	19:18 HOUR	-	106
T25ANL58-0144	POINT 12	19:19 HOUR	-	173
T25ANL58-0145	POINT 13	19:20 HOUR	-	123
T25ANL58-0146	POINT 14	19:21 HOUR	-	102
	AVERAGE		-	95
โถง BAR AND BISTRO ชั้น 1				
T25ANL58-0147	POINT 1	19:23 HOUR	-	126
T25ANL58-0148	POINT 2	19:24 HOUR	-	170
T25ANL58-0149	POINT 3	19:25 HOUR	-	167
T25ANL58-0150	POINT 4	19:26 HOUR	-	116
T25ANL58-0151	POINT 5	19:27 HOUR	-	101
T25ANL58-0152	POINT 6	19:28 HOUR	-	101



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ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			SPOT MEASUREMENT	AREA MEASUREMENT
T2SANI58-0153	POINT 7	19:29 HOUR	-	94
T2SANI58-0154	POINT 8	19:30 HOUR	-	96
T2SANI58-0155	POINT 9	19:31 HOUR	-	167
T2SANI58-0156	POINT 10	19:32 HOUR	-	103
T2SANI58-0157	POINT 11	19:33 HOUR	-	58
T2SANI58-0158	POINT 12	19:34 HOUR	-	66
T2SANI58-0159	POINT 13	19:35 HOUR	-	71
T2SANI58-0160	POINT 14	19:36 HOUR	-	78
	AVERAGE		-	108
T2SANI58-0161	จุดตรวจวัด	19:38 HOUR	274	-
T2SANI58-0162	เจ้า CASHIER	19:39 HOUR	427	-
T2SANI58-0163	พื้นที่วัดภายใน 1 อาคาร E ชั้น 1			
T2SANI58-0164	POINT 1	19:41 HOUR	-	6
T2SANI58-0165	POINT 2	19:42 HOUR	-	7
T2SANI58-0166	POINT 3	19:43 HOUR	-	5
T2SANI58-0167	POINT 4	19:44 HOUR	-	7
T2SANI58-0168	POINT 5	19:45 HOUR	-	8
T2SANI58-0169	POINT 6	19:46 HOUR	-	5
T2SANI58-0170	POINT 7	19:47 HOUR	-	5
T2SANI58-0171	POINT 8	19:48 HOUR	-	4
	POINT 9	19:49 HOUR	-	6
	AVERAGE		-	6
T2SANI58-0172	พื้นที่วัดภายใน 2 อาคาร E ชั้น 1			
T2SANI58-0173	POINT 1	19:51 HOUR	-	15
T2SANI58-0174	POINT 2	19:52 HOUR	-	18
T2SANI58-0175	POINT 3	19:53 HOUR	-	20
T2SANI58-0176	POINT 4	19:54 HOUR	-	17
T2SANI58-0177	POINT 5	19:55 HOUR	-	21
T2SANI58-0178	POINT 6	19:56 HOUR	-	22
T2SANI58-0179	POINT 7	19:57 HOUR	-	21
T2SANI58-0180	POINT 8	19:58 HOUR	-	19
	POINT 9	19:59 HOUR	-	23
	AVERAGE		-	19
T2SANI58-0181	พื้นที่วัดภายใน 3 อาคาร E ชั้น 1			
T2SANI58-0182	POINT 1	20:01 HOUR	-	5
T2SANI58-0183	POINT 2	20:02 HOUR	-	3
T2SANI58-0184	POINT 3	20:03 HOUR	-	7
T2SANI58-0185	POINT 4	20:04 HOUR	-	8
T2SANI58-0186	POINT 5	20:05 HOUR	-	2
T2SANI58-0187	POINT 6	20:06 HOUR	-	6

ANALYSIS NO.	MEASURING SITE	TIME #	RESULT (LUX)		
			SPOT MEASUREMENT	AREA MEASUREMENT	
					LIGHT INTENSITY
T25ANI58-0187	บึงโคกยางชั้น 1 - ชั้น 2 อาคาร E	POINT 7	20:07 HOUR	-	9
T25ANI58-0188		POINT 8	20:08 HOUR	-	3
T25ANI58-0189		POINT 9	20:09 HOUR	-	4
		AVERAGE	-	-	5
T25ANI58-0190	บึงโคกยางชั้น 1 - ชั้น 2 อาคาร E	POINT 1	20:11 HOUR	-	84
T25ANI58-0191		POINT 2	20:12 HOUR	-	63
T25ANI58-0192		POINT 3	20:13 HOUR	-	65
T25ANI58-0193		POINT 4	20:14 HOUR	-	43
T25ANI58-0194		POINT 5	20:15 HOUR	-	55
T25ANI58-0195		POINT 6	20:16 HOUR	-	61
	AVERAGE	-	-	62	
T25ANI58-0196	บึงสวนกุหลาบหน้าหอ อาคาร E ชั้น 2	POINT 1	20:18 HOUR	-	143
T25ANI58-0197		POINT 2	20:19 HOUR	-	136
		AVERAGE	-	-	139
T25ANI58-0198	บึงสวนกุหลาบหน้าหอ อาคาร E ชั้น 2	POINT 1	20:21 HOUR	-	51
T25ANI58-0199		POINT 2	20:22 HOUR	-	57
T25ANI58-0200		POINT 3	20:23 HOUR	-	58
T25ANI58-0201		POINT 4	20:24 HOUR	-	43
	AVERAGE	-	-	52	
T25ANI58-0202	บึงสวนกุหลาบหน้าหอ อาคาร E ชั้น 2	POINT 1	20:26 HOUR	-	51
T25ANI58-0203		POINT 2	20:27 HOUR	-	51
T25ANI58-0204		POINT 3	20:28 HOUR	-	78
T25ANI58-0205		POINT 4	20:29 HOUR	-	78
T25ANI58-0206		POINT 5	20:30 HOUR	-	58
T25ANI58-0207		POINT 6	20:31 HOUR	-	63
T25ANI58-0208		POINT 7	20:32 HOUR	-	57
T25ANI58-0209		POINT 8	20:33 HOUR	-	65
T25ANI58-0210		POINT 9	20:34 HOUR	-	72
T25ANI58-0211		POINT 10	20:35 HOUR	-	91
T25ANI58-0212	บึงสวนกุหลาบหน้าหอ อาคาร E ชั้น 2	POINT 11	20:36 HOUR	-	83
T25ANI58-0213		POINT 12	20:37 HOUR	-	52
T25ANI58-0214		POINT 13	20:38 HOUR	-	65
T25ANI58-0215		POINT 14	20:39 HOUR	-	70
	AVERAGE	-	-	67	
T25ANI58-0216	บึงสวนกุหลาบชั้น 1 อาคาร E ชั้น 2	POINT 1	20:41 HOUR	-	6
T25ANI58-0217		POINT 2	20:42 HOUR	-	8
T25ANI58-0218		POINT 3	20:43 HOUR	-	8
T25ANI58-0219		POINT 4	20:44 HOUR	-	8



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ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			SPOT MEASUREMENT	AREA MEASUREMENT
T25ANL58-0220	POINT 5	20:45 HOUR	-	5
T25ANL58-0221	POINT 6	20:46 HOUR	-	6
T25ANL58-0222	POINT 7	20:47 HOUR	-	5
T25ANL58-0223	POINT 8	20:48 HOUR	-	3
T25ANL58-0224	POINT 9	20:49 HOUR	-	3
	AVERAGE		-	6
บริเวณโถงใต้ถุน 2 อาคาร E ชั้น 2				
T25ANL58-0225	POINT 1	20:51 HOUR	-	17
T25ANL58-0226	POINT 2	20:52 HOUR	-	24
T25ANL58-0227	POINT 3	20:53 HOUR	-	26
T25ANL58-0228	POINT 4	20:54 HOUR	-	26
T25ANL58-0229	POINT 5	20:55 HOUR	-	25
T25ANL58-0230	POINT 6	20:56 HOUR	-	19
T25ANL58-0231	POINT 7	20:57 HOUR	-	21
T25ANL58-0232	POINT 8	20:58 HOUR	-	15
T25ANL58-0233	POINT 9	20:59 HOUR	-	12
	AVERAGE		-	21
บริเวณโถงใต้ถุน 3 อาคาร E ชั้น 2				
T25ANL58-0234	POINT 1	21:01 HOUR	-	19
T25ANL58-0235	POINT 2	21:02 HOUR	-	22
T25ANL58-0236	POINT 3	21:03 HOUR	-	17
T25ANL58-0237	POINT 4	21:04 HOUR	-	20
T25ANL58-0238	POINT 5	21:05 HOUR	-	17
T25ANL58-0239	POINT 6	21:06 HOUR	-	15
T25ANL58-0240	POINT 7	21:07 HOUR	-	13
T25ANL58-0241	POINT 8	21:08 HOUR	-	18
T25ANL58-0242	POINT 9	21:09 HOUR	-	19
	AVERAGE		-	18
บริเวณโถงใต้ถุน 2 - ชั้น 3 อาคาร E				
T25ANL58-0243	POINT 1	21:11 HOUR	-	47
T25ANL58-0244	POINT 2	21:12 HOUR	-	26
T25ANL58-0245	POINT 3	21:13 HOUR	-	38
T25ANL58-0246	POINT 4	21:14 HOUR	-	46
T25ANL58-0247	POINT 5	21:15 HOUR	-	40
T25ANL58-0248	POINT 6	21:16 HOUR	-	52
	AVERAGE		-	41
บริเวณประตูกระจกอาคาร E ชั้น 3				
T25ANL58-0249	POINT 1	21:18 HOUR	-	155
T25ANL58-0250	POINT 2	21:19 HOUR	-	142
	AVERAGE		-	149
บริเวณประตูกระจกอาคาร E ชั้น 3				
T25ANL58-0251	POINT 1	21:21 HOUR	-	70
T25ANL58-0252	POINT 2	21:22 HOUR	-	95



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ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			SPOT MEASUREMENT	AREA MEASUREMENT
T25ANL58-0253	POINT 3	21:23 HOUR	-	111
T25ANL58-0254	POINT 4	21:24 HOUR	-	117
	AVERAGE		-	98

REMARK :

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## ANALYSIS REPORT

**CUSTOMER NAME** : ENERGY COMPLEX COMPANY LIMITED  
**ADDRESS** : 55/1 VIBHAVADI-RANGSI ROAD CHATUCHAK BANGKOK 10500  
**CONTACT INFORMATION** : TEL : 063 997 9715 e-mail : gahie.encomy@lue.com  
**MEASURING PLACE** : ENERGY COMPLEX COMPANY LIMITED  
**MEASURING TYPE** : WORKPLACE (LIGHT INTENSITY)  
**MEASURING DATE** : JUNE 9, 2025  
**MEASURING TIME** : JUNE 9, 2025  
**MEASURING EQUIPMENT** : \*  
**MEASURED BY** : LUX METER+\*  
: MISS NAPASSORN SRISANTHAN

**RECEIVED DATE** : JUNE 9, 2025  
**ANALYTICAL DATE** : JUNE 9, 2025  
**ISSUE DATE** : JUNE 19, 2025  
**REPORT NO.** : 2025-U055662  
**WORK NO.** : 2024-010117  
**ANALYSIS NO.** : T25ANI59-0001 - T25ANI59-0108

ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			SPOT MEASUREMENT	AREA MEASUREMENT
T25ANI59-0001	DAY TIME หน้าตึกศูนย์การค้า อาคาร C ชั้น 1	POINT 1	-	335
		POINT 2	-	306
		AVERAGE	-	320
T25ANI59-0003	หน้าตึกศูนย์การค้า อาคาร C ชั้น 1	POINT 1	-	131
		POINT 2	-	104
		POINT 3	-	175
		POINT 4	-	196
		AVERAGE	-	152
T25ANI59-0007	หน้าตึกศูนย์การค้า อาคาร C ชั้น 1	POINT 1	-	132
		POINT 2	-	117
		POINT 3	-	117
		POINT 4	-	130
		POINT 5	-	109
		POINT 6	-	130
		POINT 7	-	130
		POINT 8	-	117
T25ANI59-0015	หน้าตึกศูนย์การค้า อาคาร C ชั้น 1	POINT 9	-	104
		POINT 10	-	126
		POINT 11	-	147
		POINT 12	-	186
		POINT 13	-	225
		POINT 14	-	211
		AVERAGE	-	141
		หน้าตึกชั้น 1 - ชั้น 2 อาคาร C	-	326
		POINT 1	-	442
		POINT 2	-	742
T25ANI59-0024	หน้าตึกชั้น 1 - ชั้น 2 อาคาร C	POINT 3	-	873
		POINT 4	-	873

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## ANALYSIS REPORT

**CUSTOMER NAME** : ENERGY COMPLEX COMPANY LIMITED  
**ADDRESS** : 55/1 VIBHAVADI-RANGSI ROAD CHATUCHAK BANGKOK 10500  
**CONTACT INFORMATION** : TEL : 063 997 9715 e-mail : gahie.encomy@lue.com  
**MEASURING PLACE** : ENERGY COMPLEX COMPANY LIMITED  
**MEASURING TYPE** : WORKPLACE (LIGHT INTENSITY)  
**MEASURING DATE** : JUNE 9, 2025  
**MEASURING TIME** : JUNE 9, 2025  
**MEASURING EQUIPMENT** : \*  
**MEASURED BY** : LUX METER+\*  
: MISS NAPASSORN SRISANTHAN

**RECEIVED DATE** : JUNE 9, 2025  
**ANALYTICAL DATE** : JUNE 9, 2025  
**ISSUE DATE** : JUNE 19, 2025  
**REPORT NO.** : 2025-U055662  
**WORK NO.** : 2024-010117  
**ANALYSIS NO.** : T25ANI59-0001 - T25ANI59-0108

ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			SPOT MEASUREMENT	AREA MEASUREMENT
T25ANI59-0025	POINT 5	10:24 HOUR	-	272
		10:25 HOUR	-	164
		AVERAGE	-	470
T25ANI59-0027	หน้าตึกชั้น 1 อาคาร C	POINT 1	-	158
		POINT 2	-	163
		AVERAGE	-	160
T25ANI59-0029	หน้าตึกชั้น 1 อาคาร C	POINT 1	-	86
		POINT 2	-	92
		AVERAGE	-	89
T25ANI59-0031	หน้าตึกศูนย์การค้า อาคาร C ชั้น 1	POINT 1	200	-
		POINT 2	164	-
		AVERAGE	-	-
T25ANI59-0033	หน้าตึกศูนย์การค้า อาคาร C ชั้น 1	POINT 1	-	168
		POINT 2	-	182
		POINT 3	-	191
		POINT 4	-	199
		AVERAGE	-	185
T25ANI59-0037	หน้าตึกศูนย์การค้า อาคาร C ชั้น 2	POINT 1	-	313
		POINT 2	-	355
		AVERAGE	-	334
T25ANI59-0039	หน้าตึกศูนย์การค้า อาคาร C ชั้น 2	POINT 1	-	435
		POINT 2	-	827
		POINT 3	-	466
		POINT 4	-	639
		AVERAGE	-	592
T25ANI59-0043	หน้าตึกศูนย์การค้า อาคาร C ชั้น 2	POINT 1	-	199
		POINT 2	-	130
		POINT 3	-	115
		POINT 4	-	82
		POINT 5	-	79
		POINT 6	-	82
		POINT 7	-	83
		POINT 8	-	109
		POINT 9	-	119
		POINT 10	-	116
T25ANI59-0053	หน้าตึกชั้น 1 - ชั้น 2 อาคาร C	POINT 11	-	105
		POINT 12	-	111

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ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			SPOT MEASUREMENT	AREA MEASUREMENT
T25ANL59-0055	POINT 13	10:54 HOUR	-	107
T25ANL59-0056	POINT 14	10:55 HOUR	-	120
	AVERAGE		-	111
บริเวณจุดเริ่มต้น 2 - ชั้น 3 อาคาร C				
T25ANL59-0057	POINT 1	10:56 HOUR	-	282
T25ANL59-0058	POINT 2	10:57 HOUR	-	263
T25ANL59-0059	POINT 3	10:58 HOUR	-	588
T25ANL59-0060	POINT 4	10:59 HOUR	-	554
T25ANL59-0061	POINT 5	11:00 HOUR	-	292
T25ANL59-0062	POINT 6	11:01 HOUR	-	152
	AVERAGE		-	355
บริเวณจุดเริ่มต้น 3 - ชั้น 3 อาคาร C				
T25ANL59-0063	POINT 1	11:02 HOUR	-	331
T25ANL59-0064	POINT 2	11:03 HOUR	-	346
	AVERAGE		-	338
บริเวณจุดเริ่มต้น 4 - ชั้น 3 อาคาร C				
T25ANL59-0065	POINT 1	11:04 HOUR	-	875
T25ANL59-0066	POINT 2	11:05 HOUR	-	351
T25ANL59-0067	POINT 3	11:06 HOUR	-	417
T25ANL59-0068	POINT 4	11:07 HOUR	-	743
	AVERAGE		-	596
บริเวณจุดเริ่มต้น 5 - ชั้น 3 อาคาร C				
T25ANL59-0069	POINT 1	11:08 HOUR	-	111
T25ANL59-0070	POINT 2	11:09 HOUR	-	101
T25ANL59-0071	POINT 3	11:10 HOUR	-	104
T25ANL59-0072	POINT 4	11:11 HOUR	-	132
T25ANL59-0073	POINT 5	11:12 HOUR	-	131
T25ANL59-0074	POINT 6	11:13 HOUR	-	117
T25ANL59-0075	POINT 7	11:14 HOUR	-	159
T25ANL59-0076	POINT 8	11:15 HOUR	-	127
T25ANL59-0077	POINT 9	11:16 HOUR	-	154
T25ANL59-0078	POINT 10	11:17 HOUR	-	119
T25ANL59-0079	POINT 11	11:18 HOUR	-	119
T25ANL59-0080	POINT 12	11:19 HOUR	-	114
T25ANL59-0081	POINT 13	11:20 HOUR	-	122
T25ANL59-0082	POINT 14	11:21 HOUR	-	115
	AVERAGE		-	123
บริเวณจุดเริ่มต้น 3 - ชั้น 4 อาคาร C				
T25ANL59-0083	POINT 1	11:22 HOUR	-	334
T25ANL59-0084	POINT 2	11:23 HOUR	-	417
T25ANL59-0085	POINT 3	11:24 HOUR	-	608
T25ANL59-0086	POINT 4	11:25 HOUR	-	677
T25ANL59-0087	POINT 5	11:26 HOUR	-	399



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ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			SPOT MEASUREMENT	AREA MEASUREMENT
T25ANL59-0088	POINT 6	11:27 HOUR	-	278
	AVERAGE		-	452
บริเวณจุดเริ่มต้น 4 - ชั้น 4 อาคาร C				
T25ANL59-0089	POINT 1	11:28 HOUR	-	338
T25ANL59-0090	POINT 2	11:29 HOUR	-	394
	AVERAGE		-	366
บริเวณจุดเริ่มต้น 5 - ชั้น 4 อาคาร C				
T25ANL59-0091	POINT 1	11:30 HOUR	-	888
T25ANL59-0092	POINT 2	11:31 HOUR	-	518
T25ANL59-0093	POINT 3	11:32 HOUR	-	523
T25ANL59-0094	POINT 4	11:33 HOUR	-	715
	AVERAGE		-	656
บริเวณจุดเริ่มต้น 6 - ชั้น 4 อาคาร C				
T25ANL59-0095	POINT 1	11:34 HOUR	-	221
T25ANL59-0096	POINT 2	11:35 HOUR	-	136
T25ANL59-0097	POINT 3	11:36 HOUR	-	169
T25ANL59-0098	POINT 4	11:37 HOUR	-	139
T25ANL59-0099	POINT 5	11:38 HOUR	-	130
T25ANL59-0100	POINT 6	11:39 HOUR	-	101
T25ANL59-0101	POINT 7	11:40 HOUR	-	102
T25ANL59-0102	POINT 8	11:41 HOUR	-	113
T25ANL59-0103	POINT 9	11:42 HOUR	-	102
T25ANL59-0104	POINT 10	11:43 HOUR	-	100
T25ANL59-0105	POINT 11	11:44 HOUR	-	97
T25ANL59-0106	POINT 12	11:45 HOUR	-	95
T25ANL59-0107	POINT 13	11:46 HOUR	-	111
T25ANL59-0108	POINT 14	11:47 HOUR	-	114
	AVERAGE		-	124

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, 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).



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- End of Analysis Report -





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### ANALYSIS REPORT

**CUSTOMER NAME** : ENERGY COMPLEX COMPANY LIMITED  
**ADDRESS** : 555/1 VIBHAVADI-RANGSIT ROAD CHATUCHAK BANGKOK 10900  
**CONTACT INFORMATION** : TEL : 063 997 9715 e-mail : gste.encomy@encomy.com  
**MEASURING PLACE** : ENERGY COMPLEX COMPANY LIMITED  
**MEASURING TYPE** : WORKPLACE (LIGHT INTENSITY)  
**MEASURING DATE** : JUNE 10, 2025  
**MEASURING TIME** : \*  
**MEASURING EQUIPMENT** : LUX METER\*\*  
**MEASURED BY** : MISS NIPASSORN KRISATHAN

**RECEIVED DATE** : JUNE 10, 2025  
**ANALYTICAL DATE** : JUNE 10, 2025  
**ISSUE DATE** : JUNE 19, 2025  
**REPORT NO.** : 2025-U055229  
**WORK NO.** : 2024-010117  
**ANALYSIS NO.** : T25ANI60-0001 - T25ANI60-0097

ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)		
			SPOT MEASUREMENT	AREA MEASUREMENT	
T25ANI60-0001	ห้องประชุม/โถงทางเดิน อาคาร G ชั้น 1	09:30 HOUR	-	155	
T25ANI60-0002		09:31 HOUR	-	161	
T25ANI60-0003		AVERAGE	-	358	
T25ANI60-0004		จุดตรวจ M8B	177		
T25ANI60-0005	โถงทางเดินโถงทางเดิน อาคาร G ชั้น 1	09:33 HOUR	-	149	
T25ANI60-0006		POINT 1	-	165	
T25ANI60-0007		POINT 2	-	139	
T25ANI60-0008		POINT 3	-	241	
T25ANI60-0009	โถงทางเดินโถงทางเดิน อาคาร G ชั้น 1	09:35 HOUR	-	174	
T25ANI60-0010		POINT 4	-	272	
T25ANI60-0011		POINT 5	-	325	
T25ANI60-0012		POINT 6	-	276	
T25ANI60-0013	โถงทางเดินโถงทางเดิน อาคาร G ชั้น 1	09:37 HOUR	-	323	
T25ANI60-0014		POINT 7	-	255	
T25ANI60-0015		POINT 8	-	238	
T25ANI60-0016		POINT 9	-	222	
T25ANI60-0017	โถงทางเดินโถงทางเดิน อาคาร G ชั้น 1	09:40 HOUR	-	305	
T25ANI60-0018		POINT 10	-	324	
T25ANI60-0019		POINT 11	-	250	
T25ANI60-0020		POINT 12	-	286	
T25ANI60-0021	โถงทางเดินโถงทางเดิน อาคาร G ชั้น 1	09:42 HOUR	-	263	
T25ANI60-0022		POINT 13	-	241	
T25ANI60-0023		POINT 14	-	274	
T25ANI60-0024		AVERAGE	-	436	
T25ANI60-0025	โถงทางเดินโถงทางเดิน อาคาร G ชั้น 1	09:51 HOUR	-	529	
T25ANI60-0026		POINT 1	-	703	
T25ANI60-0027		POINT 2	-	729	
T25ANI60-0028		POINT 3	-	779	

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ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)		
			SPOT MEASUREMENT	AREA MEASUREMENT	
T25ANI60-0026	POINT 5	09:55 HOUR	-	541	
T25ANI60-0027		09:56 HOUR	-	542	
T25ANI60-0028		AVERAGE	-	547	
T25ANI60-0029		โถงทางเดินโถงทางเดิน อาคาร G ชั้น 2	-	233	
T25ANI60-0030	POINT 1	09:57 HOUR	-	200	
T25ANI60-0031		09:58 HOUR	-	217	
T25ANI60-0032		AVERAGE	-	247	
T25ANI60-0033		โถงทางเดินโถงทางเดิน อาคาร G ชั้น 2	-	229	
T25ANI60-0034	POINT 2	10:00 HOUR	-	314	
T25ANI60-0035		10:01 HOUR	-	341	
T25ANI60-0036		10:02 HOUR	-	283	
T25ANI60-0037		AVERAGE	-	325	
T25ANI60-0038	โถงทางเดินโถงทางเดิน อาคาร G ชั้น 2	10:03 HOUR	-	310	
T25ANI60-0039		10:04 HOUR	-	218	
T25ANI60-0040		10:05 HOUR	-	127	
T25ANI60-0041		10:06 HOUR	-	316	
T25ANI60-0042	POINT 3	10:07 HOUR	-	374	
T25ANI60-0043		10:08 HOUR	-	376	
T25ANI60-0044		10:09 HOUR	-	436	
T25ANI60-0045		10:10 HOUR	-	281	
T25ANI60-0046	POINT 4	10:11 HOUR	-	254	
T25ANI60-0047		10:12 HOUR	-	232	
T25ANI60-0048		10:13 HOUR	-	287	
T25ANI60-0049		10:14 HOUR	-	264	
T25ANI60-0050	โถงทางเดินโถงทางเดิน อาคาร G ชั้น 2	10:15 HOUR	-	276	
T25ANI60-0051		10:16 HOUR	-	291	
T25ANI60-0052		AVERAGE	-	358	
T25ANI60-0053		โถงทางเดินโถงทางเดิน อาคาร G ชั้น 2	-	476	
T25ANI60-0054	POINT 1	10:17 HOUR	-	689	
T25ANI60-0055		10:18 HOUR	-	929	
T25ANI60-0056		10:19 HOUR	-	378	
T25ANI60-0057		10:20 HOUR	-	255	
T25ANI60-0058	โถงทางเดินโถงทางเดิน อาคาร G ชั้น 3	10:21 HOUR	-	514	
T25ANI60-0059		10:22 HOUR	-	207	
T25ANI60-0060		AVERAGE	-	203	
T25ANI60-0061		โถงทางเดินโถงทางเดิน อาคาร G ชั้น 3	-	205	
T25ANI60-0062	POINT 2	10:23 HOUR	-	263	
T25ANI60-0063		10:24 HOUR	-	205	
T25ANI60-0064		AVERAGE	-	205	
T25ANI60-0065		โถงทางเดินโถงทางเดิน อาคาร G ชั้น 3	-	263	

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ANALYSIS NO.	MEASURING SITE	TIME #	RESULT (LUX)	
			SPOT MEASUREMENT	AREA MEASUREMENT
T2SANI60-0057	พื้นที่ทางเดินอาคาร G ชั้น 3	POINT 2	10:26 HOUR	223
T2SANI60-0058		POINT 3	10:27 HOUR	254
T2SANI60-0059		POINT 4	10:28 HOUR	345
		AVERAGE		271
T2SANI60-0060	พื้นที่ทางเดินอาคาร G ชั้น 3	POINT 1	10:29 HOUR	166
T2SANI60-0061		POINT 2	10:30 HOUR	207
T2SANI60-0062		POINT 3	10:31 HOUR	191
T2SANI60-0063		POINT 4	10:32 HOUR	182
T2SANI60-0064		POINT 5	10:33 HOUR	205
T2SANI60-0065		POINT 6	10:34 HOUR	266
T2SANI60-0066		POINT 7	10:35 HOUR	205
T2SANI60-0067		POINT 8	10:36 HOUR	174
T2SANI60-0068		POINT 9	10:37 HOUR	281
T2SANI60-0069		POINT 10	10:38 HOUR	216
T2SANI60-0070		POINT 11	10:39 HOUR	223
T2SANI60-0071		POINT 12	10:40 HOUR	232
T2SANI60-0072		POINT 13	10:41 HOUR	212
T2SANI60-0073		POINT 14	10:42 HOUR	210
	AVERAGE		212	
T2SANI60-0074	พื้นที่ทางเดินอาคาร G ชั้น 4	POINT 1	10:43 HOUR	1,029
T2SANI60-0075		POINT 2	10:44 HOUR	767
T2SANI60-0076		POINT 3	10:45 HOUR	615
T2SANI60-0077		POINT 4	10:46 HOUR	418
T2SANI60-0078		POINT 5	10:47 HOUR	319
T2SANI60-0079		POINT 6	10:48 HOUR	451
	AVERAGE		600	
T2SANI60-0080	พื้นที่ทางเดินอาคาร G ชั้น 4	POINT 1	10:49 HOUR	362
T2SANI60-0081		POINT 2	10:50 HOUR	370
T2SANI60-0082		POINT 3	10:51 HOUR	341
T2SANI60-0083		POINT 4	10:52 HOUR	435
	AVERAGE		377	
T2SANI60-0084	พื้นที่ทางเดินอาคาร G ชั้น 4	POINT 1	10:53 HOUR	314
T2SANI60-0085		POINT 2	10:54 HOUR	239
T2SANI60-0086		POINT 3	10:55 HOUR	225
T2SANI60-0087		POINT 4	10:56 HOUR	361
T2SANI60-0088		POINT 5	10:57 HOUR	390
T2SANI60-0089		POINT 6	10:58 HOUR	301
T2SANI60-0090	POINT 7	10:59 HOUR	205	
T2SANI60-0091	POINT 8	11:00 HOUR	233	

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2025-U055229

ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			SPOT MEASUREMENT	AREA MEASUREMENT
T2SANI60-0092	POINT 9	11:01 HOUR	-	391
T2SANI60-0093	POINT 10	11:02 HOUR	-	395
T2SANI60-0094	POINT 11	11:03 HOUR	-	370
T2SANI60-0095	POINT 12	11:04 HOUR	-	341
T2SANI60-0096	POINT 13	11:05 HOUR	-	332
T2SANI60-0097	POINT 14	11:06 HOUR	-	374
	AVERAGE			319

REMARK :

U.S. 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 6, B.E. 2561 (2018).

\*<sup>1</sup> THE MINISTRIAL 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).



**ISO 9001**  
 Quality Management Systems  
**CERTIFIED**

**ISO 14001**  
 Environmental Management  
**CERTIFIED**

**ISO 45001**  
 Occupational Health and Safety Management  
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**- End of Analysis Report -**



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**LAE** United Analyst and Engineering Consultant Co., Ltd.  
350 Udomsak Rd., Sukhumvit Road, Bangkok, Thailand 10110  
Tel: 02-260-2828 Fax: 0-2-62-2840 E-mail: info@lae.co.th

### ANALYSIS REPORT

**CUSTOMER NAME** : ENERGY COMPLEX COMPANY LIMITED  
**ADDRESS** : 55/1 VIBHAVADI-RANGSIT ROAD CHATUCHAK BANGKOK 10900  
**CONTACT INFORMATION** : TEL : 063 997 9715 e-mail : info@energy.com  
**MEASURING PLACE** : ENERGY COMPLEX COMPANY LIMITED  
**MEASURING TYPE** : WORKPLACE (LIGHT INTENSITY)  
**MEASURING DATE** : JUNE 11, 2025  
**MEASURING TIME** : \*  
**MEASURING EQUIPMENT** : LUX METER\*\*  
**MEASURED BY** : MISS NAPASSORN KRISATHAN

**RECEIVED DATE** : JUNE 11, 2025  
**ANALYTICAL DATE** : JUNE 11, 2025  
**ISSUE DATE** : JUNE 19, 2025  
**REPORT NO.** : 2025-U055230  
**WORK NO.** : 2024-010117  
**ANALYSIS NO.** : T25AN167-0001 - T25AN167-0103

ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			SPOT MEASUREMENT	AREA MEASUREMENT
T25AN167-0001	บริเวณรอบโรงไฟฟ้า อาคาร A ชั้น 1	09:30 HOUR	-	153
T25AN167-0002		09:31 HOUR	-	166
		AVERAGE	-	159
T25AN167-0003	4 MDB อาคาร A บริเวณทางเดินบันได / อาคาร A ชั้น 1	09:32 HOUR	133	-
T25AN167-0004		09:33 HOUR	-	153
T25AN167-0005		09:34 HOUR	-	180
T25AN167-0006		09:35 HOUR	-	144
T25AN167-0007		09:36 HOUR	-	159
	บริเวณทางเดินบันได อาคาร A ชั้น 1	09:37 HOUR	-	126
T25AN167-0008		09:38 HOUR	-	213
T25AN167-0009		09:39 HOUR	-	158
T25AN167-0010		09:40 HOUR	-	108
T25AN167-0011		09:41 HOUR	-	111
T25AN167-0012	บริเวณทางเดินบันได อาคาร A ชั้น 1	09:42 HOUR	-	128
T25AN167-0013		09:43 HOUR	-	132
T25AN167-0014		09:44 HOUR	-	116
T25AN167-0015		09:45 HOUR	-	130
T25AN167-0016		09:46 HOUR	-	108
T25AN167-0017	บริเวณทางเดินบันได อาคาร A ชั้น 1	09:47 HOUR	-	295
T25AN167-0018		09:48 HOUR	-	274
T25AN167-0019		09:49 HOUR	-	181
T25AN167-0020		09:50 HOUR	-	139
T25AN167-0021		AVERAGE	-	158
T25AN167-0022	สำนักงาน อาคาร A ชั้น 1 บริเวณทางเดินบันได อาคาร A ชั้น 1	09:51 HOUR	447	-
T25AN167-0023		09:52 HOUR	413	-
T25AN167-0024		09:53 HOUR	490	-



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**MEASURED BY** : MISS NAPASSORN KRISATHAN

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ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			SPOT MEASUREMENT	AREA MEASUREMENT
T25AN167-0025	บริเวณทางเดินบันได อาคาร A ชั้น 2	09:54 HOUR	572	-
T25AN167-0026		09:55 HOUR	-	178
T25AN167-0027		09:56 HOUR	-	371
T25AN167-0028	บริเวณทางเดินบันได อาคาร A ชั้น 2	09:57 HOUR	-	674
T25AN167-0029		09:58 HOUR	-	555
T25AN167-0030		09:59 HOUR	-	280
T25AN167-0031		10:00 HOUR	-	105
		AVERAGE	-	360
T25AN167-0032	บริเวณทางเดินบันได อาคาร A ชั้น 2	10:01 HOUR	-	388
T25AN167-0033		10:02 HOUR	-	275
		AVERAGE	-	331
T25AN167-0034	บริเวณทางเดินบันได อาคาร A ชั้น 2	10:03 HOUR	-	914
T25AN167-0035		10:04 HOUR	-	879
T25AN167-0036		10:05 HOUR	-	753
T25AN167-0037		10:06 HOUR	-	693
		AVERAGE	-	810
T25AN167-0038	บริเวณทางเดินบันได อาคาร A ชั้น 2	10:07 HOUR	-	123
T25AN167-0039		10:08 HOUR	-	204
T25AN167-0040		10:09 HOUR	-	199
T25AN167-0041		10:10 HOUR	-	131
T25AN167-0042		10:11 HOUR	-	186
T25AN167-0043	บริเวณทางเดินบันได อาคาร A ชั้น 2	10:12 HOUR	-	204
T25AN167-0044		10:13 HOUR	-	147
T25AN167-0045		10:14 HOUR	-	137
T25AN167-0046		10:15 HOUR	-	126
T25AN167-0047		10:16 HOUR	-	124
T25AN167-0048	บริเวณทางเดินบันได อาคาร A ชั้น 2	10:17 HOUR	-	351
T25AN167-0049		10:18 HOUR	-	299
T25AN167-0050		10:19 HOUR	-	287
T25AN167-0051		10:20 HOUR	-	172
		AVERAGE	-	192
T25AN167-0052	บริเวณทางเดินบันได อาคาร A ชั้น 3	10:21 HOUR	-	293
T25AN167-0053		10:22 HOUR	-	507
T25AN167-0054		10:23 HOUR	-	820
T25AN167-0055		10:24 HOUR	-	493
T25AN167-0056		10:25 HOUR	-	359
T25AN167-0057	บริเวณทางเดินบันได อาคาร A ชั้น 3	10:26 HOUR	-	213
		AVERAGE	-	448





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ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			SPOT MEASUREMENT	AREA MEASUREMENT
T25ANI67-0058	โรงรถประตูรถไฟฟ้า อาคาร A ชั้น 3	10:27 HOUR	-	201
		10:28 HOUR	-	401
		AVERAGE	-	301
T25ANI67-0060	บริเวณทางเดินบันได / อาคาร A ชั้น 3	10:29 HOUR	-	680
		10:30 HOUR	-	842
		10:31 HOUR	-	725
		10:32 HOUR	-	682
		AVERAGE	-	732
T25ANI67-0064	บริเวณทางเดินบันได อาคาร A ชั้น 3	10:33 HOUR	-	120
		10:34 HOUR	-	108
		10:35 HOUR	-	117
		10:36 HOUR	-	129
		10:37 HOUR	-	138
		10:38 HOUR	-	213
		10:39 HOUR	-	185
		10:40 HOUR	-	135
		10:41 HOUR	-	142
		10:42 HOUR	-	265
		10:43 HOUR	-	239
		10:44 HOUR	-	177
		10:45 HOUR	-	141
		10:46 HOUR	-	160
T25ANI67-0078	บันไดทางขึ้นชั้น 3-ชั้น 4	AVERAGE	-	162
		POINT 1	-	216
		POINT 2	-	345
		POINT 3	-	516
		POINT 4	-	307
		POINT 5	-	355
		POINT 6	-	152
T25ANI67-0084	โรงรถประตูรถไฟฟ้า อาคาร A ชั้น 4	AVERAGE	-	315
		POINT 1	-	305
		POINT 2	-	335
		AVERAGE	-	320
T25ANI67-0086	บริเวณทางเดินบันได / อาคาร A ชั้น 4	10:55 HOUR	-	653
		10:56 HOUR	-	784
		10:57 HOUR	-	472



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3 Soi Udomsak 41, Sukhumvit Road, Bangkok, Thailand 10260  
Tel.0 2763 2525 Fax.0 2763 2800 www.liae.co.th

ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			SPOT MEASUREMENT	AREA MEASUREMENT
T25ANI67-0089	POINT 4	10:58 HOUR	-	435
			AVERAGE	586
T25ANI67-0090	บริเวณทางเดินบันได อาคาร A ชั้น 4	POINT 1	-	114
		POINT 2	-	108
		POINT 3	-	168
		POINT 4	-	230
		POINT 5	-	214
		POINT 6	-	235
		POINT 7	-	287
		POINT 8	-	163
		POINT 9	-	230
		POINT 10	-	272
		POINT 11	-	219
		POINT 12	-	214
		POINT 13	-	205
		POINT 14	-	178
T25ANI67-0103	AVERAGE	11:12 HOUR	-	203
			-	-

REMARK :

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\*\* 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).



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2025-U055230

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**LAE** United Analyst and Engineering Consultant Co., Ltd.

3501 Dornburi 41, 5th Floor, Bangkok, 10260  
Tel: 0 2663 24387 x 0 2743 2503 Fax: 0 2743 2504 Email: uae@unitedanalyst.com

### ANALYSIS REPORT

**CUSTOMER NAME** : ENERGY COMPLEX COMPANY LIMITED  
**ADDRESS** : 555/1 VIBHAVADI-RANGSIT ROAD CHATUCHAK BANGKOK 10500  
**CONTACT INFORMATION** : TEL : 063 997 9715 E-mail : gite.encomy@encomy.com  
**MEASURING PLACE** : ENERGY COMPLEX COMPANY LIMITED  
**MEASURING TYPE** : WORKPLACE (LIGHT INTENSITY)  
**MEASURING DATE** : JUNE 12, 2025  
**MEASURING TIME** : \*  
**MEASURING EQUIPMENT** : LUX METER\*\*  
**MEASURED BY** : MISS NAPASSORN SRISATHAN

**RECEIVED DATE** : JUNE 12, 2025  
**ANALYTICAL DATE** : JUNE 12, 2025  
**ISSUE DATE** : JUNE 19, 2025  
**REPORT NO.** : 2025-U055231  
**WORK NO.** : 2024-010117  
**ANALYSIS NO.** : T25ANI74-0001 - T25ANI74-0112

ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			LIGHT INTENSITY	AREA MEASUREMENT
T25ANI74-0001	ห้องประชุมใหญ่ อาคาร F ชั้น 1	09:58 HOUR	96	
T25ANI74-0002		09:59 HOUR	100	
AVERAGE			98	
T25ANI74-0003	ห้องประชุมใหญ่ อาคาร F ชั้น 1	10:00 HOUR	2,118	
T25ANI74-0004		10:01 HOUR	2,120	
T25ANI74-0005		10:02 HOUR	2,087	
T25ANI74-0006		10:03 HOUR	2,374	
AVERAGE			2,175	
T25ANI74-0007	ห้องประชุมใหญ่ อาคาร F ชั้น 1	10:05 HOUR	73	
T25ANI74-0008		10:06 HOUR	74	
T25ANI74-0009		10:07 HOUR	65	
T25ANI74-0010		10:08 HOUR	67	
T25ANI74-0011		10:09 HOUR	69	
T25ANI74-0012	ห้องประชุมใหญ่ อาคาร F ชั้น 1	10:10 HOUR	70	
T25ANI74-0013		10:11 HOUR	72	
T25ANI74-0014		10:12 HOUR	75	
T25ANI74-0015		10:13 HOUR	79	
T25ANI74-0016		10:14 HOUR	89	
T25ANI74-0017	ห้องประชุมใหญ่ อาคาร F ชั้น 1	10:15 HOUR	79	
T25ANI74-0018		10:16 HOUR	82	
T25ANI74-0019		10:17 HOUR	114	
T25ANI74-0020		10:18 HOUR	134	
AVERAGE			82	
T25ANI74-0021	ห้องประชุมใหญ่ อาคาร F ชั้น 1	10:20 HOUR	723	
T25ANI74-0022		10:21 HOUR	576	
T25ANI74-0023		10:22 HOUR	559	
T25ANI74-0024		10:23 HOUR	299	
T25ANI74-0025		10:24 HOUR	287	

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			LIGHT INTENSITY	AREA MEASUREMENT
T25ANI74-0001	ห้องประชุมใหญ่ อาคาร F ชั้น 1	09:58 HOUR	96	
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AVERAGE			98	
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T25ANI74-0004		10:01 HOUR	2,120	
T25ANI74-0005		10:02 HOUR	2,087	
T25ANI74-0006		10:03 HOUR	2,374	
AVERAGE			2,175	
T25ANI74-0007	ห้องประชุมใหญ่ อาคาร F ชั้น 1	10:05 HOUR	73	
T25ANI74-0008		10:06 HOUR	74	
T25ANI74-0009		10:07 HOUR	65	
T25ANI74-0010		10:08 HOUR	67	
T25ANI74-0011		10:09 HOUR	69	
T25ANI74-0012	ห้องประชุมใหญ่ อาคาร F ชั้น 1	10:10 HOUR	70	
T25ANI74-0013		10:11 HOUR	72	
T25ANI74-0014		10:12 HOUR	75	
T25ANI74-0015		10:13 HOUR	79	
T25ANI74-0016		10:14 HOUR	89	
T25ANI74-0017	ห้องประชุมใหญ่ อาคาร F ชั้น 1	10:15 HOUR	79	
T25ANI74-0018		10:16 HOUR	82	
T25ANI74-0019		10:17 HOUR	114	
T25ANI74-0020		10:18 HOUR	134	
AVERAGE			82	
T25ANI74-0021	ห้องประชุมใหญ่ อาคาร F ชั้น 1	10:20 HOUR	723	
T25ANI74-0022		10:21 HOUR	576	
T25ANI74-0023		10:22 HOUR	559	
T25ANI74-0024		10:23 HOUR	299	
T25ANI74-0025		10:24 HOUR	287	

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ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			LIGHT INTENSITY	AREA MEASUREMENT
T25ANI74-0026	ห้องประชุมใหญ่ อาคาร F ชั้น 1	10:25 HOUR	329	
AVERAGE			462	
T25ANI74-0027		10:27 HOUR	1,248	
T25ANI74-0028	ห้องประชุมใหญ่ อาคาร F ชั้น 1	10:28 HOUR	480	
T25ANI74-0029		10:29 HOUR	428	
T25ANI74-0030		10:30 HOUR	143	
T25ANI74-0031		10:31 HOUR	343	
T25ANI74-0032		10:32 HOUR	217	
T25ANI74-0033	ห้องประชุมใหญ่ อาคาร F ชั้น 1	10:33 HOUR	225	
T25ANI74-0034		10:34 HOUR	307	
AVERAGE			424	
T25ANI74-0035		10:36 HOUR	255	
T25ANI74-0036		10:37 HOUR	760	
T25ANI74-0037	ห้องประชุมใหญ่ อาคาร F ชั้น 1	10:38 HOUR	828	
T25ANI74-0038		10:39 HOUR	1,217	
T25ANI74-0039		10:40 HOUR	1,358	
T25ANI74-0040		10:41 HOUR	6,263	
AVERAGE			1,790	
T25ANI74-0041	ห้องประชุมใหญ่ อาคาร F ชั้น 2	10:43 HOUR	191	
T25ANI74-0042		10:44 HOUR	209	
AVERAGE			200	
T25ANI74-0043		10:46 HOUR	1,547	
T25ANI74-0044		10:47 HOUR	1,168	
T25ANI74-0045	ห้องประชุมใหญ่ อาคาร F ชั้น 2	10:48 HOUR	1,594	
T25ANI74-0046		10:49 HOUR	1,238	
AVERAGE			1,387	
T25ANI74-0047		10:51 HOUR	115	
T25ANI74-0048		10:52 HOUR	125	
T25ANI74-0049	ห้องประชุมใหญ่ อาคาร F ชั้น 2	10:53 HOUR	129	
T25ANI74-0050		10:54 HOUR	119	
T25ANI74-0051		10:55 HOUR	102	
T25ANI74-0052		10:56 HOUR	105	
T25ANI74-0053		10:57 HOUR	149	
T25ANI74-0054	ห้องประชุมใหญ่ อาคาร F ชั้น 2	10:58 HOUR	117	
T25ANI74-0055		10:59 HOUR	163	
T25ANI74-0056		11:00 HOUR	152	
T25ANI74-0057		11:01 HOUR	163	
T25ANI74-0058		11:02 HOUR	334	

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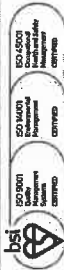


NSC-TSI-176 17025  
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**LAE** United Analyst and Engineering Consultant Co., Ltd.  
174 U-Bangkok 41, 5th Floor, Bangkok, Thailand 10260  
Tel: 02-632-2020 Fax: 02-632-2020 Email: lae@uaeconsultant.com

ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			AREA	MEASUREMENT
T25ANI74-0059	POINT 13	11:03 HOUR	921	
T25ANI74-0060	POINT 14	11:04 HOUR	869	
	AVERAGE		254	
พื้นที่วัดแสง-จุด 3 อาคาร F				
T25ANI74-0061	POINT 1	11:06 HOUR	1,219	
T25ANI74-0062	POINT 2	11:07 HOUR	1,680	
T25ANI74-0063	POINT 3	11:08 HOUR	4,760	
T25ANI74-0064	POINT 4	11:09 HOUR	1,120	
T25ANI74-0065	POINT 5	11:10 HOUR	3,857	
T25ANI74-0066	POINT 6	11:11 HOUR	3,790	
	AVERAGE		2,738	
พื้นที่วัดแสง-จุด 3 อาคาร F ชั้น 3				
T25ANI74-0067	POINT 1	11:13 HOUR	209	
T25ANI74-0068	POINT 2	11:14 HOUR	205	
	AVERAGE		207	
พื้นที่วัดแสง-จุด 3 อาคาร F ชั้น 3				
T25ANI74-0069	POINT 1	11:16 HOUR	1,667	
T25ANI74-0070	POINT 2	11:17 HOUR	1,338	
T25ANI74-0071	POINT 3	11:18 HOUR	3,123	
T25ANI74-0072	POINT 4	11:19 HOUR	2,830	
	AVERAGE		2,264	
พื้นที่วัดแสง-จุด 3 อาคาร F ชั้น 3				
T25ANI74-0073	POINT 1	11:21 HOUR	126	
T25ANI74-0074	POINT 2	11:22 HOUR	172	
T25ANI74-0075	POINT 3	11:23 HOUR	168	
T25ANI74-0076	POINT 4	11:24 HOUR	124	
T25ANI74-0077	POINT 5	11:25 HOUR	136	
T25ANI74-0078	POINT 6	11:26 HOUR	124	
T25ANI74-0079	POINT 7	11:27 HOUR	123	
T25ANI74-0080	POINT 8	11:28 HOUR	134	
T25ANI74-0081	POINT 9	11:29 HOUR	158	
T25ANI74-0082	POINT 10	11:30 HOUR	192	
T25ANI74-0083	POINT 11	11:31 HOUR	222	
T25ANI74-0084	POINT 12	11:32 HOUR	238	
T25ANI74-0085	POINT 13	11:33 HOUR	272	
T25ANI74-0086	POINT 14	11:34 HOUR	279	
	AVERAGE		180	
พื้นที่วัดแสง-จุด 4 อาคาร F				
T25ANI74-0087	POINT 1	11:36 HOUR	2,657	
T25ANI74-0088	POINT 2	11:37 HOUR	4,282	
T25ANI74-0089	POINT 3	11:38 HOUR	8,514	
T25ANI74-0090	POINT 4	11:39 HOUR	4,000	
T25ANI74-0091	POINT 5	11:40 HOUR	1,032	

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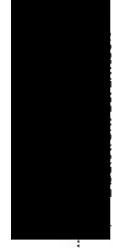


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**LAE** United Analyst and Engineering Consultant Co., Ltd.  
174 U-Bangkok 41, 5th Floor, Bangkok, Thailand 10260  
Tel: 02-632-2020 Fax: 02-632-2020 Email: lae@uaeconsultant.com

ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			AREA	MEASUREMENT
T25ANI74-0092	POINT 6	11:41 HOUR	3,959	
	AVERAGE		4,074	
พื้นที่วัดแสง-จุด 4 อาคาร F ชั้น 4				
T25ANI74-0093	POINT 1	11:43 HOUR	209	
T25ANI74-0094	POINT 2	11:44 HOUR	198	
	AVERAGE		204	
พื้นที่วัดแสง-จุด 4 อาคาร F ชั้น 4				
T25ANI74-0095	POINT 1	11:46 HOUR	824	
T25ANI74-0096	POINT 2	11:47 HOUR	614	
T25ANI74-0097	POINT 3	11:48 HOUR	768	
T25ANI74-0098	POINT 4	11:49 HOUR	953	
	AVERAGE		790	
พื้นที่วัดแสง-จุด 4 อาคาร F ชั้น 4				
T25ANI74-0099	POINT 1	11:51 HOUR	338	
T25ANI74-0100	POINT 2	11:52 HOUR	207	
T25ANI74-0101	POINT 3	11:53 HOUR	202	
T25ANI74-0102	POINT 4	11:54 HOUR	213	
T25ANI74-0103	POINT 5	11:55 HOUR	206	
T25ANI74-0104	POINT 6	11:56 HOUR	192	
T25ANI74-0105	POINT 7	11:57 HOUR	216	
T25ANI74-0106	POINT 8	11:58 HOUR	238	
T25ANI74-0107	POINT 9	11:59 HOUR	245	
T25ANI74-0108	POINT 10	12:00 HOUR	288	
T25ANI74-0109	POINT 11	12:01 HOUR	267	
T25ANI74-0110	POINT 12	12:02 HOUR	762	
T25ANI74-0111	POINT 13	12:03 HOUR	315	
T25ANI74-0112	POINT 14	12:04 HOUR	457	
	AVERAGE		296	

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, 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).



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- End of Analysis Report -



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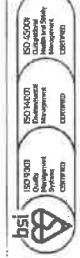
**LAE** United Analyst and Engineering Consultant Co., Ltd.  
350 Sukhumvit 41, Sukhumvit Road, Bangkok 10110, Thailand  
Tel: 02-263-2828 Fax: 02-262-7810 Email: info@lae.co.th

**ANALYSIS REPORT**

**CUSTOMER NAME** : ENERGY COMPLEX COMPANY LIMITED  
**ADDRESS** : 55/1 VIBHAVADI-RANGSIT ROAD CHATUCHAK BANGKOK 10900  
**CONTACT INFORMATION** : TEL : 063 997 9715 E-mail : info@encomy.com  
**MEASURING PLACE** : ENERGY COMPLEX COMPANY LIMITED  
**MEASURING TYPE** : WORKPLACE (LIGHT INTENSITY)  
**MEASURING DATE** : JUNE 9, 2025  
**ANALYTICAL DATE** : JUNE 9, 2025  
**ISSUE DATE** : JUNE 20, 2025  
**REPORT NO.** : 2025-U055384  
**MEASURING EQUIPMENT** : LUX METER\*\*  
**MEASURED BY** : MISS NAPSORN SRISATHAN  
**ANALYSIS NO.** : T25AN175-0001 - T25AN175-0186

ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			LIGHT INTENSITY	AREA MEASUREMENT
T25AN175-0001	พื้นที่บริเวณหน้าอาคาร C ชั้น 1	POINT 1	19:00 HOUR	310
T25AN175-0002		POINT 2	19:01 HOUR	282
		AVERAGE		296
T25AN175-0003	พื้นที่ทางเดินในห้าง/อาคาร C ชั้น 1	POINT 1	19:02 HOUR	116
T25AN175-0004		POINT 2	19:03 HOUR	112
T25AN175-0005		POINT 3	19:04 HOUR	104
T25AN175-0006		POINT 4	19:05 HOUR	109
		AVERAGE		110
T25AN175-0007	พื้นที่ทางเดินในอาคาร C ชั้น 1	POINT 1	19:06 HOUR	109
T25AN175-0008		POINT 2	19:07 HOUR	104
T25AN175-0009		POINT 3	19:08 HOUR	105
T25AN175-0010		POINT 4	19:09 HOUR	110
T25AN175-0011		POINT 5	19:10 HOUR	105
T25AN175-0012		POINT 6	19:11 HOUR	99
T25AN175-0013		POINT 7	19:12 HOUR	120
T25AN175-0014		POINT 8	19:13 HOUR	135
T25AN175-0015		POINT 9	19:14 HOUR	168
T25AN175-0016	พื้นที่ทางเดินในห้าง/อาคาร C ชั้น 1	POINT 10	19:15 HOUR	132
T25AN175-0017		POINT 11	19:16 HOUR	144
T25AN175-0018		POINT 12	19:17 HOUR	165
T25AN175-0019		POINT 13	19:18 HOUR	122
T25AN175-0020		POINT 14	19:19 HOUR	143
		AVERAGE		126
T25AN175-0021	พื้นที่ทางเดินในอาคาร C ชั้น 1	POINT 1	19:20 HOUR	144
T25AN175-0022		POINT 2	19:21 HOUR	16
T25AN175-0023		POINT 3	19:22 HOUR	15

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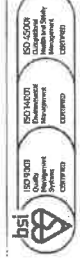
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**LAE** United Analyst and Engineering Consultant Co., Ltd.  
350 Sukhumvit 41, Sukhumvit Road, Bangkok 10110, Thailand  
Tel: 02-263-2828 Fax: 02-262-7810 Email: info@lae.co.th

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**REPORT NO.** : 2025-U055384  
**MEASURING EQUIPMENT** : LUX METER\*\*  
**MEASURED BY** : MISS NAPSORN SRISATHAN  
**ANALYSIS NO.** : T25AN175-0001 - T25AN175-0186

ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			LIGHT INTENSITY	AREA MEASUREMENT
T25AN175-0024	พื้นที่ทางเดินในห้าง/อาคาร C ชั้น 1	POINT 4	19:23 HOUR	37
T25AN175-0025		POINT 5	19:24 HOUR	47
T25AN175-0026		POINT 6	19:25 HOUR	53
T25AN175-0027		POINT 7	19:26 HOUR	28
T25AN175-0028		POINT 8	19:27 HOUR	34
T25AN175-0029		POINT 9	19:28 HOUR	35
		AVERAGE		31
T25AN175-0030	พื้นที่ทางเดินในห้าง/อาคาร C ชั้น 1	POINT 1	19:29 HOUR	20
T25AN175-0031		POINT 2	19:30 HOUR	18
T25AN175-0032		POINT 3	19:31 HOUR	18
T25AN175-0033		POINT 4	19:32 HOUR	23
T25AN175-0034		POINT 5	19:33 HOUR	30
T25AN175-0035		POINT 6	19:34 HOUR	25
T25AN175-0036		POINT 7	19:35 HOUR	21
T25AN175-0037		POINT 8	19:36 HOUR	20
T25AN175-0038		POINT 9	19:37 HOUR	17
		AVERAGE		21
T25AN175-0039	พื้นที่ทางเดินในห้าง/อาคาร C ชั้น 1	POINT 1	19:38 HOUR	95
T25AN175-0040		POINT 2	19:39 HOUR	74
T25AN175-0041		POINT 3	19:40 HOUR	60
T25AN175-0042		POINT 4	19:41 HOUR	69
T25AN175-0043		POINT 5	19:42 HOUR	71
T25AN175-0044		POINT 6	19:43 HOUR	91
		AVERAGE		77
T25AN175-0045	พื้นที่ทางเดินในห้าง/อาคาร C ชั้น 1	POINT 1	19:44 HOUR	173
T25AN175-0046		POINT 2	19:45 HOUR	152
		AVERAGE		162
T25AN175-0047	พื้นที่ทางเดินในห้าง/อาคาร C ชั้น 1	POINT 1	19:46 HOUR	83
T25AN175-0048		POINT 2	19:47 HOUR	77
		AVERAGE		80
T25AN175-0049	พื้นที่ทางเดินในห้าง/อาคาร C ชั้น 1	POINT 1	19:48 HOUR	-
T25AN175-0050		POINT 2	19:49 HOUR	-
		AVERAGE		-
T25AN175-0051	พื้นที่ทางเดินในห้าง/อาคาร C ชั้น 1	POINT 1	19:50 HOUR	143
T25AN175-0052		POINT 2	19:51 HOUR	144
T25AN175-0053		POINT 3	19:52 HOUR	172
T25AN175-0054		POINT 4	19:53 HOUR	159
		AVERAGE		155





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**LAE** United Analyst and Engineering Consultant Co., Ltd.  
350 Udomak 41, Sukhumvit Road, Bang Na, Bangkok 10760  
Tel: 02-763 2828 Fax: 02-733 3500 Email: lae@lueconsultant.com

ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX) LIGHT INTENSITY AREA MEASUREMENT
T25AN175-0055	ห้องประชุมไฟฟ้า อาคาร C ชั้น 2	19:54 HOUR	378
T25AN175-0056		19:55 HOUR	374
AVERAGE			376
T25AN175-0057	บริเวณโถงลิฟต์ อาคาร C ชั้น 2	19:56 HOUR	126
T25AN175-0058		19:57 HOUR	129
T25AN175-0059		19:58 HOUR	115
T25AN175-0060		19:59 HOUR	102
AVERAGE			118
T25AN175-0061	บริเวณโถงลิฟต์ อาคาร C ชั้น 2	20:00 HOUR	109
T25AN175-0062		20:01 HOUR	108
T25AN175-0063		20:02 HOUR	95
T25AN175-0064		20:03 HOUR	99
T25AN175-0065		20:04 HOUR	110
T25AN175-0066		20:05 HOUR	105
T25AN175-0067		20:06 HOUR	104
T25AN175-0068		20:07 HOUR	99
T25AN175-0069		20:08 HOUR	122
T25AN175-0070		20:09 HOUR	118
T25AN175-0071		20:10 HOUR	111
T25AN175-0072		20:11 HOUR	113
T25AN175-0073		20:12 HOUR	115
T25AN175-0074		20:13 HOUR	119
AVERAGE			109
T25AN175-0075	บริเวณโถงลิฟต์ 2 อาคาร C ชั้น 2	20:14 HOUR	17
T25AN175-0076		20:15 HOUR	30
T25AN175-0077		20:16 HOUR	45
T25AN175-0078		20:17 HOUR	21
T25AN175-0079		20:18 HOUR	45
T25AN175-0080		20:19 HOUR	52
T25AN175-0081		20:20 HOUR	19
T25AN175-0082		20:21 HOUR	26
T25AN175-0083		20:22 HOUR	33
AVERAGE			32
T25AN175-0084	บริเวณโถงลิฟต์ 2 อาคาร C ชั้น 2	20:23 HOUR	21
T25AN175-0085		20:24 HOUR	19
T25AN175-0086		20:25 HOUR	18
T25AN175-0087		20:26 HOUR	44
T25AN175-0088		20:27 HOUR	53



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Tel: 02-763 2828 Fax: 02-733 3500 Email: lae@lueconsultant.com

ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX) LIGHT INTENSITY AREA MEASUREMENT
T25AN175-0089	บริเวณโถงลิฟต์ 2 ชั้น 3 อาคาร C	20:28 HOUR	43
T25AN175-0090		20:29 HOUR	20
T25AN175-0091		20:30 HOUR	22
T25AN175-0092		20:31 HOUR	20
AVERAGE			29
T25AN175-0093	บริเวณโถงลิฟต์ 2 ชั้น 3 อาคาร C	20:32 HOUR	72
T25AN175-0094		20:33 HOUR	93
T25AN175-0095		20:34 HOUR	95
T25AN175-0096		20:35 HOUR	77
T25AN175-0097		20:36 HOUR	81
T25AN175-0098		20:37 HOUR	73
AVERAGE			82
T25AN175-0099	บริเวณโถงลิฟต์ 1 อาคาร C ชั้น 3	20:38 HOUR	369
T25AN175-0100		20:39 HOUR	369
AVERAGE			379
T25AN175-0101	บริเวณโถงลิฟต์ 1 อาคาร C ชั้น 3	20:40 HOUR	109
T25AN175-0102		20:41 HOUR	114
T25AN175-0103		20:42 HOUR	101
T25AN175-0104		20:43 HOUR	116
AVERAGE			110
T25AN175-0105	บริเวณโถงลิฟต์ 1 อาคาร C ชั้น 3	20:44 HOUR	108
T25AN175-0106		20:45 HOUR	132
T25AN175-0107		20:46 HOUR	124
T25AN175-0108		20:47 HOUR	149
T25AN175-0109		20:48 HOUR	108
T25AN175-0110		20:49 HOUR	118
T25AN175-0111		20:50 HOUR	128
T25AN175-0112		20:51 HOUR	138
T25AN175-0113		20:52 HOUR	117
T25AN175-0114		20:53 HOUR	123
T25AN175-0115		20:54 HOUR	116
T25AN175-0116		20:55 HOUR	119
T25AN175-0117		20:56 HOUR	133
T25AN175-0118		20:57 HOUR	123
AVERAGE			124
T25AN175-0119	บริเวณโถงลิฟต์ 1 อาคาร C ชั้น 3	20:58 HOUR	13
T25AN175-0120		20:59 HOUR	15
T25AN175-0121		21:00 HOUR	17



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**LAE** United Analyst and Engineering Consultant Co., Ltd.  
1 Soi Udomsuk 41, Subhank Road, Bangkok, Thailand 10250  
Tel: 02-651-2620 Fax: 02-651-2630 www.unitedanalyst.com E-mail: unitedanalyst@unitedanalyst.com

ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			LIGHT INTENSITY	AREA MEASUREMENT
T25AN175-0122	POINT 4	21:01 HOUR	26	
T25AN175-0123	POINT 5	21:02 HOUR	22	
T25AN175-0124	POINT 6	21:03 HOUR	27	
T25AN175-0125	POINT 7	21:04 HOUR	25	
T25AN175-0126	POINT 8	21:05 HOUR	28	
T25AN175-0127	POINT 9	21:06 HOUR	33	
AVERAGE			23	
บริเวณโถงเดิน 2 อาคาร C ชั้น 3				
T25AN175-0128	POINT 1	21:07 HOUR	60	
T25AN175-0129	POINT 2	21:08 HOUR	69	
T25AN175-0130	POINT 3	21:09 HOUR	47	
T25AN175-0131	POINT 4	21:10 HOUR	35	
T25AN175-0132	POINT 5	21:11 HOUR	34	
T25AN175-0133	POINT 6	21:12 HOUR	29	
T25AN175-0134	POINT 7	21:13 HOUR	25	
T25AN175-0135	POINT 8	21:14 HOUR	30	
T25AN175-0136	POINT 9	21:15 HOUR	32	
AVERAGE			40	
บริเวณโถงเดิน 3-ชั้น 4 อาคาร C				
T25AN175-0137	POINT 1	21:16 HOUR	116	
T25AN175-0138	POINT 2	21:17 HOUR	118	
T25AN175-0139	POINT 3	21:18 HOUR	181	
T25AN175-0140	POINT 4	21:19 HOUR	166	
T25AN175-0141	POINT 5	21:20 HOUR	138	
T25AN175-0142	POINT 6	21:21 HOUR	127	
AVERAGE			141	
โถงเชื่อมระหว่างโถงเดิน 3-ชั้น 4 อาคาร C ชั้น 4				
T25AN175-0143	POINT 1	21:22 HOUR	469	
T25AN175-0144	POINT 2	21:23 HOUR	416	
AVERAGE			443	
บริเวณทางเดินบันได/อาคาร C ชั้น 4				
T25AN175-0145	POINT 1	21:24 HOUR	97	
T25AN175-0146	POINT 2	21:25 HOUR	106	
T25AN175-0147	POINT 3	21:26 HOUR	98	
T25AN175-0148	POINT 4	21:27 HOUR	109	
AVERAGE			102	
บริเวณทางเดินบันไดอาคาร C ชั้น 4				
T25AN175-0149	POINT 1	21:28 HOUR	127	
T25AN175-0150	POINT 2	21:29 HOUR	111	
T25AN175-0151	POINT 3	21:30 HOUR	109	
T25AN175-0152	POINT 4	21:31 HOUR	99	
T25AN175-0153	POINT 5	21:32 HOUR	105	



NSC-TIS-115 11025  
TESTING 0207

**LAE** United Analyst and Engineering Consultant Co., Ltd.  
1 Soi Udomsuk 41, Subhank Road, Bangkok, Thailand 10250  
Tel: 02-651-2620 Fax: 02-651-2630 www.unitedanalyst.com E-mail: unitedanalyst@unitedanalyst.com

ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			LIGHT INTENSITY	AREA MEASUREMENT
T25AN175-0154	POINT 6	21:33 HOUR	109	
T25AN175-0155	POINT 7	21:34 HOUR	107	
T25AN175-0156	POINT 8	21:35 HOUR	104	
T25AN175-0157	POINT 9	21:36 HOUR	107	
T25AN175-0158	POINT 10	21:37 HOUR	109	
T25AN175-0159	POINT 11	21:38 HOUR	109	
T25AN175-0160	POINT 12	21:39 HOUR	111	
T25AN175-0161	POINT 13	21:40 HOUR	115	
T25AN175-0162	POINT 14	21:41 HOUR	118	
AVERAGE			110	
บริเวณโถงเดิน 1 อาคาร C ชั้น 4				
T25AN175-0163	POINT 1	21:42 HOUR	23	
T25AN175-0164	POINT 2	21:43 HOUR	30	
T25AN175-0165	POINT 3	21:44 HOUR	39	
T25AN175-0166	POINT 4	21:45 HOUR	45	
T25AN175-0167	POINT 5	21:46 HOUR	26	
T25AN175-0168	POINT 6	21:47 HOUR	33	
T25AN175-0169	POINT 7	21:48 HOUR	26	
T25AN175-0170	POINT 8	21:49 HOUR	28	
T25AN175-0171	POINT 9	21:50 HOUR	30	
AVERAGE			31	
บริเวณโถงเดิน 2 อาคาร C ชั้น 4				
T25AN175-0172	POINT 1	21:51 HOUR	54	
T25AN175-0173	POINT 2	21:52 HOUR	54	
T25AN175-0174	POINT 3	21:53 HOUR	39	
T25AN175-0175	POINT 4	21:54 HOUR	62	
T25AN175-0176	POINT 5	21:55 HOUR	55	
T25AN175-0177	POINT 6	21:56 HOUR	54	
T25AN175-0178	POINT 7	21:57 HOUR	34	
T25AN175-0179	POINT 8	21:58 HOUR	44	
T25AN175-0180	POINT 9	21:59 HOUR	54	
AVERAGE			50	
โถงเชื่อมระหว่างอาคาร C				
T25AN175-0181	POINT 1	22:00 HOUR	167	
T25AN175-0182	POINT 2	22:01 HOUR	166	
T25AN175-0183	POINT 3	22:02 HOUR	143	





MSC-TISI-TIS 17025  
TESTING 0207

**LAE** United Analyst and Engineering Consultant Co., Ltd.  
354/10 Sukhumvit 47, Southwest Road, Bangkok 10150  
Tel: 2253 2828 Fax: 0-263 2803 E-mail: lae@unae.com

ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			LIGHT INTENSITY	AREA MEASUREMENT
T25AN175-0184	POINT 4	22:03 HOUR	105	
T25AN175-0185	POINT 5	22:04 HOUR	76	
T25AN175-0186	POINT 6	22:05 HOUR	82	
	AVERAGE		123	

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, 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).



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- End of Analysis Report -

2025-U05384



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## ANALYSIS REPORT

**CUSTOMER NAME** : ENERGY COMPLEX COMPANY LIMITED  
**ADDRESS** : 555/1 VIBHAVADI-RANGSIT ROAD CHATUCHAK BANGKOK 10900  
**CONTACT INFORMATION** : TEL : 063 997 9715 e-mail : gale.encomy@encomy.com  
**MEASURING PLACE** : ENERGY COMPLEX COMPANY LIMITED  
**MEASURING TYPE** : WORKPLACE (LIGHT INTENSITY)  
**MEASURING DATE** : JUNE 9, 2025  
**MEASURING TIME** : \*  
**MEASURING EQUIPMENT** : LUX METER\*\*  
**MEASURED BY** : MISS NAPISSORN SRISATHAN

**RECEIVED DATE** : JUNE 9, 2025  
**ANALYTICAL DATE** : JUNE 9, 2025  
**ISSUE DATE** : JUNE 20, 2025  
**REPORT NO.** : 2025-U05384  
**WORK NO.** : 2024-010117  
**ANALYSIS NO.** : T25AN175-0001 - T25AN175-0186

ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			SPOT MEASUREMENT	AREA MEASUREMENT
T25AN175-0001	พื้นที่บริเวณหน้าอาคาร C ชั้น 1	19:00 HOUR	-	310
T25AN175-0002	POINT 1	19:01 HOUR	-	282
	POINT 2		-	296
	AVERAGE		-	
T25AN175-0003	พื้นที่ทางเดินหน้าอาคาร C ชั้น 1	19:02 HOUR	-	116
T25AN175-0004	POINT 1	19:03 HOUR	-	112
T25AN175-0005	POINT 2	19:04 HOUR	-	104
T25AN175-0006	POINT 3	19:05 HOUR	-	109
	POINT 4		-	110
	AVERAGE		-	
T25AN175-0007	พื้นที่ทางเดินหน้าอาคาร C ชั้น 1	19:06 HOUR	-	109
T25AN175-0008	POINT 1	19:07 HOUR	-	104
T25AN175-0009	POINT 2	19:08 HOUR	-	105
T25AN175-0010	POINT 3	19:09 HOUR	-	110
T25AN175-0011	POINT 4	19:10 HOUR	-	105
T25AN175-0012	POINT 5	19:11 HOUR	-	99
T25AN175-0013	POINT 6	19:12 HOUR	-	120
T25AN175-0014	POINT 7	19:13 HOUR	-	135
T25AN175-0015	POINT 8	19:14 HOUR	-	168
T25AN175-0016	POINT 9	19:15 HOUR	-	132
T25AN175-0017	POINT 10	19:16 HOUR	-	144
T25AN175-0018	POINT 11	19:17 HOUR	-	165
T25AN175-0019	POINT 12	19:18 HOUR	-	122
T25AN175-0020	POINT 13	19:19 HOUR	-	143
	POINT 14		-	126
	AVERAGE		-	
T25AN175-0021	พื้นที่ทางเดิน 1 อาคาร C ชั้น 1	19:20 HOUR	-	14
T25AN175-0022	POINT 1	19:21 HOUR	-	16
T25AN175-0023	POINT 2	19:22 HOUR	-	15
	POINT 3		-	



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Tel: 02-663-2123 Fax: 02-663-2160 Email: info@lue.com, lae@lue.com

ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			SPOT MEASUREMENT	AREA MEASUREMENT
T25ANI75-0024	POINT 4	19:23 HOUR	-	37
T25ANI75-0025	POINT 5	19:24 HOUR	-	47
T25ANI75-0026	POINT 6	19:25 HOUR	-	53
T25ANI75-0027	POINT 7	19:26 HOUR	-	28
T25ANI75-0028	POINT 8	19:27 HOUR	-	34
T25ANI75-0029	POINT 9	19:28 HOUR	-	35
	AVERAGE		-	31
พื้นที่จอดรถ 2 อาคาร C ชั้น 1				
T25ANI75-0030	POINT 1	19:29 HOUR	-	20
T25ANI75-0031	POINT 2	19:30 HOUR	-	18
T25ANI75-0032	POINT 3	19:31 HOUR	-	18
T25ANI75-0033	POINT 4	19:32 HOUR	-	23
T25ANI75-0034	POINT 5	19:33 HOUR	-	30
T25ANI75-0035	POINT 6	19:34 HOUR	-	25
T25ANI75-0036	POINT 7	19:35 HOUR	-	21
T25ANI75-0037	POINT 8	19:36 HOUR	-	20
T25ANI75-0038	POINT 9	19:37 HOUR	-	17
	AVERAGE		-	21
พื้นที่จอดรถ 1 - ชั้น 2 อาคาร C				
T25ANI75-0039	POINT 1	19:38 HOUR	-	95
T25ANI75-0040	POINT 2	19:39 HOUR	-	74
T25ANI75-0041	POINT 3	19:40 HOUR	-	60
T25ANI75-0042	POINT 4	19:41 HOUR	-	69
T25ANI75-0043	POINT 5	19:42 HOUR	-	71
T25ANI75-0044	POINT 6	19:43 HOUR	-	91
	AVERAGE		-	77
พื้นที่จอดรถ 1 อาคาร C				
T25ANI75-0045	POINT 1	19:44 HOUR	-	173
T25ANI75-0046	POINT 2	19:45 HOUR	-	152
	AVERAGE		-	162
พื้นที่จอดรถ 1 อาคาร C				
T25ANI75-0047	POINT 1	19:46 HOUR	-	83
T25ANI75-0048	POINT 2	19:47 HOUR	-	77
	AVERAGE		-	80
พื้นที่จอดรถ 1 อาคาร C				
T25ANI75-0049	POINT 1	19:48 HOUR	233	-
T25ANI75-0050	POINT 2	19:49 HOUR	194	-
	AVERAGE		-	-
พื้นที่จอดรถ 1 อาคาร C				
T25ANI75-0051	POINT 1	19:50 HOUR	-	143
T25ANI75-0052	POINT 2	19:51 HOUR	-	144
T25ANI75-0053	POINT 3	19:52 HOUR	-	172
T25ANI75-0054	POINT 4	19:53 HOUR	-	159
	AVERAGE		-	155



HS-C-TISI-TIS 17023  
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Tel: 02-663-2123 Fax: 02-663-2160 Email: info@lue.com, lae@lue.com

ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			SPOT MEASUREMENT	AREA MEASUREMENT
T25ANI75-0055	POINT 1	19:54 HOUR	-	378
T25ANI75-0056	POINT 2	19:55 HOUR	-	374
	AVERAGE		-	376
พื้นที่จอดรถ 1 อาคาร C ชั้น 2				
T25ANI75-0057	POINT 1	19:56 HOUR	-	126
T25ANI75-0058	POINT 2	19:57 HOUR	-	129
T25ANI75-0059	POINT 3	19:58 HOUR	-	115
T25ANI75-0060	POINT 4	19:59 HOUR	-	102
	AVERAGE		-	118
พื้นที่จอดรถ 1 อาคาร C ชั้น 2				
T25ANI75-0061	POINT 1	20:00 HOUR	-	109
T25ANI75-0062	POINT 2	20:01 HOUR	-	108
T25ANI75-0063	POINT 3	20:02 HOUR	-	95
T25ANI75-0064	POINT 4	20:03 HOUR	-	99
T25ANI75-0065	POINT 5	20:04 HOUR	-	110
T25ANI75-0066	POINT 6	20:05 HOUR	-	105
T25ANI75-0067	POINT 7	20:06 HOUR	-	104
T25ANI75-0068	POINT 8	20:07 HOUR	-	99
T25ANI75-0069	POINT 9	20:08 HOUR	-	122
T25ANI75-0070	POINT 10	20:09 HOUR	-	118
T25ANI75-0071	POINT 11	20:10 HOUR	-	111
T25ANI75-0072	POINT 12	20:11 HOUR	-	113
T25ANI75-0073	POINT 13	20:12 HOUR	-	115
T25ANI75-0074	POINT 14	20:13 HOUR	-	119
	AVERAGE		-	109
พื้นที่จอดรถ 1 อาคาร C ชั้น 2				
T25ANI75-0075	POINT 1	20:14 HOUR	-	17
T25ANI75-0076	POINT 2	20:15 HOUR	-	30
T25ANI75-0077	POINT 3	20:16 HOUR	-	45
T25ANI75-0078	POINT 4	20:17 HOUR	-	21
T25ANI75-0079	POINT 5	20:18 HOUR	-	45
T25ANI75-0080	POINT 6	20:19 HOUR	-	52
T25ANI75-0081	POINT 7	20:20 HOUR	-	19
T25ANI75-0082	POINT 8	20:21 HOUR	-	26
T25ANI75-0083	POINT 9	20:22 HOUR	-	33
	AVERAGE		-	32
พื้นที่จอดรถ 2 อาคาร C ชั้น 2				
T25ANI75-0084	POINT 1	20:23 HOUR	-	21
T25ANI75-0085	POINT 2	20:24 HOUR	-	19
T25ANI75-0086	POINT 3	20:25 HOUR	-	18
T25ANI75-0087	POINT 4	20:26 HOUR	-	44
T25ANI75-0088	POINT 5	20:27 HOUR	-	53





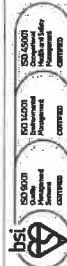
United Analyst and Engineering Consultant Co., Ltd.

3 Soi Udomsri 11, 5th Floor, Road, Bangkok, Thailand 10110

Tel: 02-2763 2838 Fax: 02-2763 2830 www.uac-engineering.com e-mail: uac@uac-engineering.com

MSC-TIS-115 17056  
TESTING 0207

ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			SPOT MEASUREMENT	AREA MEASUREMENT
T25AN175-0089	POINT 6	20:28 HOUR	-	43
T25AN175-0090	POINT 7	20:29 HOUR	-	20
T25AN175-0091	POINT 8	20:30 HOUR	-	22
T25AN175-0092	POINT 9	20:31 HOUR	-	20
	AVERAGE		-	29
T25AN175-0093	พื้นที่จอดรถ 2 - ชั้น 3 อาคาร C	20:32 HOUR	-	72
T25AN175-0094	POINT 1	20:33 HOUR	-	93
T25AN175-0095	POINT 2	20:34 HOUR	-	95
T25AN175-0096	POINT 3	20:35 HOUR	-	77
T25AN175-0097	POINT 4	20:36 HOUR	-	81
T25AN175-0098	POINT 5	20:37 HOUR	-	73
	AVERAGE		-	82
T25AN175-0099	พื้นที่จอดรถในห้าง อาคาร C ชั้น 3	20:38 HOUR	-	369
T25AN175-0100	POINT 1	20:39 HOUR	-	389
	AVERAGE		-	379
T25AN175-0101	พื้นที่จอดรถในห้าง/อาคาร C ชั้น 3	20:40 HOUR	-	109
T25AN175-0102	POINT 1	20:41 HOUR	-	114
T25AN175-0103	POINT 2	20:42 HOUR	-	101
T25AN175-0104	POINT 3	20:43 HOUR	-	116
	AVERAGE		-	110
T25AN175-0105	พื้นที่จอดรถในห้าง อาคาร C ชั้น 3	20:44 HOUR	-	108
T25AN175-0106	POINT 1	20:45 HOUR	-	132
T25AN175-0107	POINT 2	20:46 HOUR	-	124
T25AN175-0108	POINT 3	20:47 HOUR	-	149
T25AN175-0109	POINT 4	20:48 HOUR	-	108
T25AN175-0110	POINT 5	20:49 HOUR	-	118
T25AN175-0111	POINT 6	20:50 HOUR	-	128
T25AN175-0112	POINT 7	20:51 HOUR	-	138
T25AN175-0113	POINT 8	20:52 HOUR	-	117
T25AN175-0114	POINT 9	20:53 HOUR	-	123
T25AN175-0115	POINT 10	20:54 HOUR	-	116
T25AN175-0116	POINT 11	20:55 HOUR	-	119
T25AN175-0117	POINT 12	20:56 HOUR	-	133
T25AN175-0118	POINT 13	20:57 HOUR	-	123
	AVERAGE		-	124
T25AN175-0119	พื้นที่จอดรถ 1 อาคาร C ชั้น 3	20:58 HOUR	-	13
T25AN175-0120	POINT 1	20:59 HOUR	-	15
T25AN175-0121	POINT 2	21:00 HOUR	-	17



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MSC-TIS-115 17029  
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ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			SPOT MEASUREMENT	AREA MEASUREMENT
T25AN175-0122	POINT 4	21:01 HOUR	-	26
T25AN175-0123	POINT 5	21:02 HOUR	-	22
T25AN175-0124	POINT 6	21:03 HOUR	-	27
T25AN175-0125	POINT 7	21:04 HOUR	-	25
T25AN175-0126	POINT 8	21:05 HOUR	-	28
T25AN175-0127	POINT 9	21:06 HOUR	-	33
	AVERAGE		-	23
T25AN175-0128	พื้นที่จอดรถ 2 อาคาร C ชั้น 3	21:07 HOUR	-	60
T25AN175-0129	POINT 1	21:08 HOUR	-	69
T25AN175-0130	POINT 2	21:09 HOUR	-	47
T25AN175-0131	POINT 3	21:10 HOUR	-	35
T25AN175-0132	POINT 4	21:11 HOUR	-	34
T25AN175-0133	POINT 5	21:12 HOUR	-	29
T25AN175-0134	POINT 6	21:13 HOUR	-	25
T25AN175-0135	POINT 7	21:14 HOUR	-	30
T25AN175-0136	POINT 8	21:15 HOUR	-	32
	AVERAGE		-	40
T25AN175-0137	พื้นที่จอดรถในห้าง อาคาร C	21:16 HOUR	-	116
T25AN175-0138	POINT 1	21:17 HOUR	-	118
T25AN175-0139	POINT 2	21:18 HOUR	-	181
T25AN175-0140	POINT 3	21:19 HOUR	-	166
T25AN175-0141	POINT 4	21:20 HOUR	-	138
T25AN175-0142	POINT 5	21:21 HOUR	-	127
	AVERAGE		-	141
T25AN175-0143	พื้นที่จอดรถในห้าง อาคาร C ชั้น 4	21:22 HOUR	-	469
T25AN175-0144	POINT 1	21:23 HOUR	-	416
	AVERAGE		-	443
T25AN175-0145	พื้นที่จอดรถในห้าง/อาคาร C ชั้น 4	21:24 HOUR	-	97
T25AN175-0146	POINT 1	21:25 HOUR	-	106
T25AN175-0147	POINT 2	21:26 HOUR	-	98
T25AN175-0148	POINT 3	21:27 HOUR	-	109
	AVERAGE		-	102
T25AN175-0149	พื้นที่จอดรถในห้าง อาคาร C ชั้น 4	21:28 HOUR	-	127
T25AN175-0150	POINT 1	21:29 HOUR	-	111
T25AN175-0151	POINT 2	21:30 HOUR	-	109
T25AN175-0152	POINT 3	21:31 HOUR	-	99
T25AN175-0153	POINT 4	21:32 HOUR	-	105



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ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			SPOT MEASUREMENT	AREA MEASUREMENT
T25AN175-0154	POINT 6	21:33 HOUR	-	109
T25AN175-0155	POINT 7	21:34 HOUR	-	107
T25AN175-0156	POINT 8	21:35 HOUR	-	104
T25AN175-0157	POINT 9	21:36 HOUR	-	107
T25AN175-0158	POINT 10	21:37 HOUR	-	109
T25AN175-0159	POINT 11	21:38 HOUR	-	109
T25AN175-0160	POINT 12	21:39 HOUR	-	111
T25AN175-0161	POINT 13	21:40 HOUR	-	115
T25AN175-0162	POINT 14	21:41 HOUR	-	118
AVERAGE			-	110
บริเวณโถงลิฟต์ 1 อาคาร C ชั้น 4				
T25AN175-0163	POINT 1	21:42 HOUR	-	23
T25AN175-0164	POINT 2	21:43 HOUR	-	30
T25AN175-0165	POINT 3	21:44 HOUR	-	39
T25AN175-0166	POINT 4	21:45 HOUR	-	45
T25AN175-0167	POINT 5	21:46 HOUR	-	26
T25AN175-0168	POINT 6	21:47 HOUR	-	33
T25AN175-0169	POINT 7	21:48 HOUR	-	26
T25AN175-0170	POINT 8	21:49 HOUR	-	28
T25AN175-0171	POINT 9	21:50 HOUR	-	30
AVERAGE			-	31
บริเวณโถงลิฟต์ 2 อาคาร C ชั้น 4				
T25AN175-0172	POINT 1	21:51 HOUR	-	54
T25AN175-0173	POINT 2	21:52 HOUR	-	54
T25AN175-0174	POINT 3	21:53 HOUR	-	39
T25AN175-0175	POINT 4	21:54 HOUR	-	62
T25AN175-0176	POINT 5	21:55 HOUR	-	55
T25AN175-0177	POINT 6	21:56 HOUR	-	54
T25AN175-0178	POINT 7	21:57 HOUR	-	34
T25AN175-0179	POINT 8	21:58 HOUR	-	44
T25AN175-0180	POINT 9	21:59 HOUR	-	54
AVERAGE			-	50
บริเวณอาคาร 17 C				
T25AN175-0181	POINT 1	22:00 HOUR	-	167
T25AN175-0182	POINT 2	22:01 HOUR	-	166
T25AN175-0183	POINT 3	22:02 HOUR	-	143

ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			SPOT MEASUREMENT	AREA MEASUREMENT
T25AN175-0184	POINT 4	22:03 HOUR	-	105
T25AN175-0185	POINT 5	22:04 HOUR	-	76
T25AN175-0186	POINT 6	22:05 HOUR	-	82
AVERAGE			-	123

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 6, 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).





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### ANALYSIS REPORT

**CUSTOMER NAME** : ENERGY COMPLEX COMPANY LIMITED  
**ADDRESS** : 55/1 VIBHAVADI-RANGSIT ROAD CHATUCHAK BANGKOK 10900  
**CONTACT INFORMATION** : TEL : 063 997 9715 e-mail : qa@energy.com  
**MEASURING PLACE** : ENERGY COMPLEX COMPANY LIMITED  
**MEASURING TYPE** : WORKPLACE (LIGHT INTENSITY)  
**MEASURING DATE** : JUNE 10, 2025  
**MEASURING TIME** : JUNE 19, 2025  
**MEASURING EQUIPMENT** : LUX METER\*\*  
**MEASURED BY** : MUSS NAWASSORN SRISATHAN  
**RECEIVED DATE** : JUNE 10, 2025  
**ANALYTICAL DATE** : JUNE 10, 2025  
**ISSUE DATE** : JUNE 19, 2025  
**REPORT NO.** : 2025-U055677  
**WORK NO.** : 2024-010117  
**ANALYSIS NO.** : T25AN802-0001 - T25AN802-0061

ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			SPOT MEASUREMENT	AREA MEASUREMENT
T25AN802-0001	ห้องประชุมชั้น 1 อาคาร G ชั้น 1	19:05 HOUR	-	126
T25AN802-0002		19:06 HOUR	-	142
		AVERAGE	-	134
T25AN802-0003	ห้องประชุมชั้น 1 อาคาร G ชั้น 1	19:07 HOUR	153	-
T25AN802-0004		19:09 HOUR	-	247
T25AN802-0005		19:10 HOUR	-	215
T25AN802-0006	ห้องประชุมชั้น 1 อาคาร G ชั้น 1	19:11 HOUR	-	246
T25AN802-0007		19:12 HOUR	-	304
		AVERAGE	-	253
T25AN802-0008	ห้องประชุมชั้น 1 อาคาร G ชั้น 1	19:14 HOUR	-	274
T25AN802-0009		19:15 HOUR	-	285
T25AN802-0010		19:16 HOUR	-	344
T25AN802-0011	ห้องประชุมชั้น 1 อาคาร G ชั้น 1	19:17 HOUR	-	326
T25AN802-0012		19:18 HOUR	-	316
T25AN802-0013		19:19 HOUR	-	307
T25AN802-0014	ห้องประชุมชั้น 1 อาคาร G ชั้น 1	19:20 HOUR	-	266
T25AN802-0015		19:21 HOUR	-	280
T25AN802-0016		19:22 HOUR	-	311
T25AN802-0017	ห้องประชุมชั้น 1 อาคาร G ชั้น 1	19:23 HOUR	-	320
T25AN802-0018		19:24 HOUR	-	254
T25AN802-0019		19:25 HOUR	-	272
T25AN802-0020	ห้องประชุมชั้น 1 อาคาร G ชั้น 1	19:26 HOUR	-	244
T25AN802-0021		19:27 HOUR	-	264
		AVERAGE	-	290
T25AN802-0022	ห้องประชุมชั้น 1 อาคาร G ชั้น 1	19:29 HOUR	-	33
T25AN802-0023		19:30 HOUR	-	36
T25AN802-0024		19:31 HOUR	-	31

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**RECEIVED DATE** : JUNE 10, 2025  
**ANALYTICAL DATE** : JUNE 10, 2025  
**ISSUE DATE** : JUNE 19, 2025  
**REPORT NO.** : 2025-U055677  
**WORK NO.** : 2024-010117  
**ANALYSIS NO.** : T25AN802-0001 - T25AN802-0061

ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			SPOT MEASUREMENT	AREA MEASUREMENT
T25AN802-0025	ห้องประชุมชั้น 1 อาคาร G ชั้น 1	19:32 HOUR	-	29
T25AN802-0026		19:33 HOUR	-	31
T25AN802-0027		19:34 HOUR	-	28
T25AN802-0028	ห้องประชุมชั้น 1 อาคาร G ชั้น 1	19:35 HOUR	-	26
T25AN802-0029		19:36 HOUR	-	27
T25AN802-0030		19:37 HOUR	-	27
	AVERAGE		-	30
T25AN802-0031	ห้องประชุมชั้น 1 อาคาร G ชั้น 1	19:39 HOUR	-	37
T25AN802-0032		19:40 HOUR	-	40
T25AN802-0033		19:41 HOUR	-	41
T25AN802-0034	ห้องประชุมชั้น 1 อาคาร G ชั้น 1	19:42 HOUR	-	33
T25AN802-0035		19:43 HOUR	-	35
T25AN802-0036		19:44 HOUR	-	39
T25AN802-0037	ห้องประชุมชั้น 1 อาคาร G ชั้น 1	19:45 HOUR	-	40
T25AN802-0038		19:46 HOUR	-	32
T25AN802-0039		19:47 HOUR	-	31
	AVERAGE		-	36
T25AN802-0040	ห้องประชุมชั้น 1 อาคาร G ชั้น 1	19:49 HOUR	-	207
T25AN802-0041		19:50 HOUR	-	131
T25AN802-0042		19:51 HOUR	-	107
T25AN802-0043	ห้องประชุมชั้น 1 อาคาร G ชั้น 1	19:52 HOUR	-	101
T25AN802-0044		19:53 HOUR	-	99
T25AN802-0045		19:54 HOUR	-	124
	AVERAGE		-	128
T25AN802-0046	ห้องประชุมชั้น 1 อาคาร G ชั้น 1	19:56 HOUR	-	112
T25AN802-0047		19:57 HOUR	-	106
	AVERAGE		-	109
T25AN802-0048	ห้องประชุมชั้น 1 อาคาร G ชั้น 1	19:59 HOUR	-	196
T25AN802-0049		20:00 HOUR	-	213
	AVERAGE		-	204
T25AN802-0050	ห้องประชุมชั้น 1 อาคาร G ชั้น 1	20:02 HOUR	-	198
T25AN802-0051		20:03 HOUR	-	226
T25AN802-0052		20:04 HOUR	-	217
T25AN802-0053	ห้องประชุมชั้น 1 อาคาร G ชั้น 1	20:05 HOUR	-	206
		AVERAGE	-	212
T25AN802-0054	ห้องประชุมชั้น 1 อาคาร G ชั้น 1	20:07 HOUR	-	166
T25AN802-0055		20:08 HOUR	-	299

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ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			SPOT MEASUREMENT	AREA MEASUREMENT
T25ANB02-0056	POINT 3	20:09 HOUR	-	325
T25ANB02-0057	POINT 4	20:10 HOUR	-	223
T25ANB02-0058	POINT 5	20:11 HOUR	-	176
T25ANB02-0059	POINT 6	20:12 HOUR	-	212
T25ANB02-0060	POINT 7	20:13 HOUR	-	299
T25ANB02-0061	POINT 8	20:14 HOUR	-	290
T25ANB02-0062	POINT 9	20:15 HOUR	-	355
T25ANB02-0063	POINT 10	20:16 HOUR	-	342
T25ANB02-0064	POINT 11	20:17 HOUR	-	394
T25ANB02-0065	POINT 12	20:18 HOUR	-	350
T25ANB02-0066	POINT 13	20:19 HOUR	-	331
T25ANB02-0067	POINT 14	20:20 HOUR	-	295
AVERAGE			-	290
บริเวณโถงเดิน 1 อาคาร G ชั้น 2				
T25ANB02-0068	POINT 1	20:22 HOUR	-	40
T25ANB02-0069	POINT 2	20:23 HOUR	-	45
T25ANB02-0070	POINT 3	20:24 HOUR	-	44
T25ANB02-0071	POINT 4	20:25 HOUR	-	43
T25ANB02-0072	POINT 5	20:26 HOUR	-	45
T25ANB02-0073	POINT 6	20:27 HOUR	-	41
T25ANB02-0074	POINT 7	20:28 HOUR	-	35
T25ANB02-0075	POINT 8	20:29 HOUR	-	32
T25ANB02-0076	POINT 9	20:30 HOUR	-	28
AVERAGE			-	39
บริเวณโถงเดิน 2 อาคาร G ชั้น 2				
T25ANB02-0077	POINT 1	20:32 HOUR	-	5
T25ANB02-0078	POINT 2	20:33 HOUR	-	3
T25ANB02-0079	POINT 3	20:34 HOUR	-	6
T25ANB02-0080	POINT 4	20:35 HOUR	-	3
T25ANB02-0081	POINT 5	20:36 HOUR	-	4
T25ANB02-0082	POINT 6	20:37 HOUR	-	2
T25ANB02-0083	POINT 7	20:38 HOUR	-	4
T25ANB02-0084	POINT 8	20:39 HOUR	-	3
T25ANB02-0085	POINT 9	20:40 HOUR	-	1
AVERAGE			-	3
บริเวณโถงเดิน 3 อาคาร G ชั้น 2				
T25ANB02-0086	POINT 1	20:42 HOUR	-	2
T25ANB02-0087	POINT 2	20:43 HOUR	-	3
T25ANB02-0088	POINT 3	20:44 HOUR	-	2
T25ANB02-0089	POINT 4	20:45 HOUR	-	3
T25ANB02-0090	POINT 5	20:46 HOUR	-	4



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ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			SPOT MEASUREMENT	AREA MEASUREMENT
T25ANB02-0091	POINT 6	20:47 HOUR	-	1
T25ANB02-0092	POINT 7	20:48 HOUR	-	2
T25ANB02-0093	POINT 8	20:49 HOUR	-	4
T25ANB02-0094	POINT 9	20:50 HOUR	-	2
AVERAGE			-	3
บริเวณโถงเดิน 2 - ชั้น 3 อาคาร G				
T25ANB02-0095	POINT 1	20:52 HOUR	-	111
T25ANB02-0096	POINT 2	20:53 HOUR	-	109
T25ANB02-0097	POINT 3	20:54 HOUR	-	108
T25ANB02-0098	POINT 4	20:55 HOUR	-	106
T25ANB02-0099	POINT 5	20:56 HOUR	-	109
T25ANB02-0100	POINT 6	20:57 HOUR	-	112
AVERAGE			-	109
บริเวณโถงเดินโถงไฟฟ้า อาคาร G ชั้น 3 - 4				
T25ANB02-0101	POINT 1	20:59 HOUR	-	215
T25ANB02-0102	POINT 2	21:00 HOUR	-	219
AVERAGE			-	217
บริเวณโถงเดินโถงไฟฟ้าอาคาร G ชั้น 3				
T25ANB02-0103	POINT 1	21:02 HOUR	-	184
T25ANB02-0104	POINT 2	21:03 HOUR	-	202
T25ANB02-0105	POINT 3	21:04 HOUR	-	189
T25ANB02-0106	POINT 4	21:05 HOUR	-	255
AVERAGE			-	207
บริเวณโถงเดินโถงอาคาร G ชั้น 3				
T25ANB02-0107	POINT 1	21:07 HOUR	-	130
T25ANB02-0108	POINT 2	21:08 HOUR	-	184
T25ANB02-0109	POINT 3	21:09 HOUR	-	160
T25ANB02-0110	POINT 4	21:10 HOUR	-	246
T25ANB02-0111	POINT 5	21:11 HOUR	-	270
T25ANB02-0112	POINT 6	21:12 HOUR	-	246
T25ANB02-0113	POINT 7	21:13 HOUR	-	166
T25ANB02-0114	POINT 8	21:14 HOUR	-	251
T25ANB02-0115	POINT 9	21:15 HOUR	-	265
T25ANB02-0116	POINT 10	21:16 HOUR	-	253
T25ANB02-0117	POINT 11	21:17 HOUR	-	295
T25ANB02-0118	POINT 12	21:18 HOUR	-	232
T25ANB02-0119	POINT 13	21:19 HOUR	-	188
T25ANB02-0120	POINT 14	21:20 HOUR	-	198
AVERAGE			-	220
บริเวณโถงเดิน 1 อาคาร G ชั้น 3				
T25ANB02-0121	POINT 1	21:22 HOUR	-	3
T25ANB02-0122	POINT 2	21:23 HOUR	-	3
T25ANB02-0123	POINT 3	21:24 HOUR	-	4



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ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			SPOT MEASUREMENT	AREA MEASUREMENT
T25ANB02-0124	POINT 4	21:25 HOUR	-	5
T25ANB02-0125	POINT 5	21:26 HOUR	-	4
T25ANB02-0126	POINT 6	21:27 HOUR	-	7
T25ANB02-0127	POINT 7	21:28 HOUR	-	3
T25ANB02-0128	POINT 8	21:29 HOUR	-	4
T25ANB02-0129	POINT 9	21:30 HOUR	-	2
AVERAGE			-	4
บริเวณโถงลิฟต์ 2 อาคาร G ชั้น 3				
T25ANB02-0130	POINT 1	21:32 HOUR	-	4
T25ANB02-0131	POINT 2	21:33 HOUR	-	2
T25ANB02-0132	POINT 3	21:34 HOUR	-	5
T25ANB02-0133	POINT 4	21:35 HOUR	-	6
T25ANB02-0134	POINT 5	21:36 HOUR	-	4
T25ANB02-0135	POINT 6	21:37 HOUR	-	5
T25ANB02-0136	POINT 7	21:38 HOUR	-	2
T25ANB02-0137	POINT 8	21:39 HOUR	-	3
T25ANB02-0138	POINT 9	21:40 HOUR	-	7
AVERAGE			-	4
บริเวณโถงลิฟต์ 3 อาคาร G ชั้น 3				
T25ANB02-0139	POINT 1	21:42 HOUR	-	2
T25ANB02-0140	POINT 2	21:43 HOUR	-	2
T25ANB02-0141	POINT 3	21:44 HOUR	-	3
T25ANB02-0142	POINT 4	21:45 HOUR	-	2
T25ANB02-0143	POINT 5	21:46 HOUR	-	3
T25ANB02-0144	POINT 6	21:47 HOUR	-	2
T25ANB02-0145	POINT 7	21:48 HOUR	-	3
T25ANB02-0146	POINT 8	21:49 HOUR	-	4
T25ANB02-0147	POINT 9	21:50 HOUR	-	3
AVERAGE			-	3
บริเวณทางเดิน 3 - ชั้น 4 อาคาร G				
T25ANB02-0148	POINT 1	21:52 HOUR	-	160
T25ANB02-0149	POINT 2	21:53 HOUR	-	121
T25ANB02-0150	POINT 3	21:54 HOUR	-	106
T25ANB02-0151	POINT 4	21:55 HOUR	-	107
T25ANB02-0152	POINT 5	21:56 HOUR	-	108
T25ANB02-0153	POINT 6	21:57 HOUR	-	109
AVERAGE			-	118
บริเวณทางเดินโถงลิฟต์ อาคาร G ชั้น 4				
T25ANB02-0154	POINT 1	22:02 HOUR	-	351
T25ANB02-0155	POINT 2	22:03 HOUR	-	279
T25ANB02-0156	POINT 3	22:04 HOUR	-	286
T25ANB02-0157	POINT 4	22:05 HOUR	-	360
AVERAGE			-	319

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ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			SPOT MEASUREMENT	AREA MEASUREMENT
T25ANB02-0158	บริเวณทางเดินโถงลิฟต์ อาคาร G ชั้น 4 POINT 1	22:07 HOUR	-	253
T25ANB02-0159	POINT 2	22:08 HOUR	-	259
T25ANB02-0160	POINT 3	22:09 HOUR	-	234
T25ANB02-0161	POINT 4	22:10 HOUR	-	365
T25ANB02-0162	POINT 5	22:11 HOUR	-	374
T25ANB02-0163	POINT 6	22:12 HOUR	-	355
T25ANB02-0164	POINT 7	22:13 HOUR	-	245
T25ANB02-0165	POINT 8	22:14 HOUR	-	297
T25ANB02-0166	POINT 9	22:15 HOUR	-	347
T25ANB02-0167	POINT 10	22:16 HOUR	-	373
T25ANB02-0168	POINT 11	22:17 HOUR	-	319
T25ANB02-0169	POINT 12	22:18 HOUR	-	316
T25ANB02-0170	POINT 13	22:19 HOUR	-	311
T25ANB02-0171	POINT 14	22:20 HOUR	-	317
AVERAGE			-	312
บริเวณโถงลิฟต์ 1 อาคาร G ชั้น 4				
T25ANB02-0172	POINT 1	22:22 HOUR	-	5
T25ANB02-0173	POINT 2	22:23 HOUR	-	5
T25ANB02-0174	POINT 3	22:24 HOUR	-	7
T25ANB02-0175	POINT 4	22:25 HOUR	-	4
T25ANB02-0176	POINT 5	22:26 HOUR	-	6
T25ANB02-0177	POINT 6	22:27 HOUR	-	7
T25ANB02-0178	POINT 7	22:28 HOUR	-	4
T25ANB02-0179	POINT 8	22:29 HOUR	-	7
T25ANB02-0180	POINT 9	22:30 HOUR	-	7
AVERAGE			-	6
บริเวณโถงลิฟต์ 2 อาคาร G ชั้น 4				
T25ANB02-0181	POINT 1	22:32 HOUR	-	3
T25ANB02-0182	POINT 2	22:33 HOUR	-	4
T25ANB02-0183	POINT 3	22:34 HOUR	-	4
T25ANB02-0184	POINT 4	22:35 HOUR	-	2
T25ANB02-0185	POINT 5	22:36 HOUR	-	5
T25ANB02-0186	POINT 6	22:37 HOUR	-	4
T25ANB02-0187	POINT 7	22:38 HOUR	-	6
T25ANB02-0188	POINT 8	22:39 HOUR	-	8
T25ANB02-0189	POINT 9	22:40 HOUR	-	6
AVERAGE			-	5
บริเวณโถงลิฟต์ 3 อาคาร G ชั้น 4				
T25ANB02-0190	POINT 1	22:42 HOUR	-	5
T25ANB02-0191	POINT 2	22:43 HOUR	-	3

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ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			SPOT MEASUREMENT	AREA MEASUREMENT
T25ANB02-0192	POINT 3	22:44 HOUR	-	7
T25ANB02-0193	POINT 4	22:45 HOUR	-	5
T25ANB02-0194	POINT 5	22:46 HOUR	-	5
T25ANB02-0195	POINT 6	22:47 HOUR	-	5
T25ANB02-0196	POINT 7	22:48 HOUR	-	6
T25ANB02-0197	POINT 8	22:49 HOUR	-	3
T25ANB02-0198	POINT 9	22:50 HOUR	-	3
AVERAGE			-	5
บันไดไฟฟ้าอาคาร ชั้น 1 - ชั้น 2				
T25ANB02-0199	POINT 1	22:52 HOUR	-	3
T25ANB02-0200	POINT 2	22:53 HOUR	-	2
T25ANB02-0201	POINT 3	22:54 HOUR	-	3
T25ANB02-0202	POINT 4	22:55 HOUR	-	2
T25ANB02-0203	POINT 5	22:56 HOUR	-	3
T25ANB02-0204	POINT 6	22:57 HOUR	-	3
T25ANB02-0205	POINT 7	22:58 HOUR	-	4
T25ANB02-0206	POINT 8	22:59 HOUR	-	4
T25ANB02-0207	POINT 9	23:00 HOUR	-	3
T25ANB02-0208	POINT 10	23:01 HOUR	-	4
T25ANB02-0209	POINT 11	23:02 HOUR	-	6
T25ANB02-0210	POINT 12	23:03 HOUR	-	4
T25ANB02-0211	POINT 13	23:04 HOUR	-	6
T25ANB02-0212	POINT 14	23:05 HOUR	-	2
T25ANB02-0213	POINT 15	23:06 HOUR	-	5
T25ANB02-0214	POINT 16	23:07 HOUR	-	3
T25ANB02-0215	POINT 17	23:08 HOUR	-	5
T25ANB02-0216	POINT 18	23:09 HOUR	-	5
T25ANB02-0217	POINT 19	23:10 HOUR	-	2
T25ANB02-0218	POINT 20	23:11 HOUR	-	6
T25ANB02-0219	POINT 21	23:12 HOUR	-	6
AVERAGE			-	4
บันไดไฟฟ้าอาคาร ชั้น 2 - ชั้น 3				
T25ANB02-0220	POINT 1	23:14 HOUR	-	4
T25ANB02-0221	POINT 2	23:15 HOUR	-	3
T25ANB02-0222	POINT 3	23:16 HOUR	-	2
T25ANB02-0223	POINT 4	23:17 HOUR	-	3
T25ANB02-0224	POINT 5	23:18 HOUR	-	2
T25ANB02-0225	POINT 6	23:19 HOUR	-	5
T25ANB02-0226	POINT 7	23:20 HOUR	-	2
T25ANB02-0227	POINT 8	23:21 HOUR	-	4



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ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			SPOT MEASUREMENT	AREA MEASUREMENT
T25ANB02-0228	POINT 9	23:22 HOUR	-	3
T25ANB02-0229	POINT 10	23:23 HOUR	-	4
T25ANB02-0230	POINT 11	23:24 HOUR	-	6
T25ANB02-0231	POINT 12	23:25 HOUR	-	4
T25ANB02-0232	POINT 13	23:26 HOUR	-	4
T25ANB02-0233	POINT 14	23:27 HOUR	-	2
T25ANB02-0234	POINT 15	23:28 HOUR	-	3
T25ANB02-0235	POINT 16	23:29 HOUR	-	4
T25ANB02-0236	POINT 17	23:30 HOUR	-	5
T25ANB02-0237	POINT 18	23:31 HOUR	-	5
T25ANB02-0238	POINT 19	23:32 HOUR	-	2
T25ANB02-0239	POINT 20	23:33 HOUR	-	2
T25ANB02-0240	POINT 21	23:34 HOUR	-	4
AVERAGE			-	3
บันไดไฟฟ้าอาคาร ชั้น 3 - ชั้น 4				
T25ANB02-0241	POINT 1	23:35 HOUR	-	4
T25ANB02-0242	POINT 2	23:36 HOUR	-	3
T25ANB02-0243	POINT 3	23:37 HOUR	-	6
T25ANB02-0244	POINT 4	23:38 HOUR	-	3
T25ANB02-0245	POINT 5	23:39 HOUR	-	4
T25ANB02-0246	POINT 6	23:40 HOUR	-	7
T25ANB02-0247	POINT 7	23:41 HOUR	-	5
T25ANB02-0248	POINT 8	23:42 HOUR	-	4
T25ANB02-0249	POINT 9	23:43 HOUR	-	2
T25ANB02-0250	POINT 10	23:44 HOUR	-	3
T25ANB02-0251	POINT 11	23:45 HOUR	-	6
T25ANB02-0252	POINT 12	23:46 HOUR	-	3
T25ANB02-0253	POINT 13	23:47 HOUR	-	6
T25ANB02-0254	POINT 14	23:48 HOUR	-	3
T25ANB02-0255	POINT 15	23:49 HOUR	-	5
T25ANB02-0256	POINT 16	23:50 HOUR	-	6
T25ANB02-0257	POINT 17	23:51 HOUR	-	3
T25ANB02-0258	POINT 18	23:52 HOUR	-	3
T25ANB02-0259	POINT 19	23:53 HOUR	-	5





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ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)		
			SPOT MEASUREMENT	LIGHT INTENSITY	AREA MEASUREMENT
T25AN03-0260	POINT 20	23:54 HOUR	-	-	6
T25AN03-0261	POINT 21	23:55 HOUR	-	-	4
	AVERAGE		-	-	4

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).



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## ANALYSIS REPORT

**CUSTOMER NAME** : ENERGY COMPLEX COMPANY LIMITED  
**ADDRESS** : 555/1 VIBHAVADI-RANGSIT ROAD CHATUCHAK BANGKOK 10900  
**CONTACT INFORMATION** : TEL : 063 997 9715 e-mail : qshie.encomy@encomy.com  
**MEASURING PLACE** : ENERGY COMPLEX COMPANY LIMITED  
**MEASURING TYPE** : WORKPLACE (LIGHT INTENSITY)  
**MEASURING DATE** : JUNE 11, 2025  
**MEASURING TIME** : \*  
**MEASURING EQUIPMENT** : LUX METER \*\*  
**MEASURED BY** : MISS NAPASSORN SKSATHAN

**RECEIVED DATE** : JUNE 11, 2025  
**ANALYTICAL DATE** : JUNE 11, 2025  
**ISSUE DATE** : JUNE 20, 2025  
**REPORT NO.** : 2025-U056010  
**WORK NO.** : 2024-010117  
**ANALYSIS NO.** : T25AN03-0001 - T25AN03-0282

ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			SPOT MEASUREMENT	AREA MEASUREMENT
T25AN03-0001	NIGHT TIME วัดความเข้มแสงในห้องนอน A ชั้น 1	19:00 HOUR	-	115
			POINT 1	-
			POINT 2	131
T25AN03-0002	AVERAGE	19:01 HOUR	-	123
T25AN03-0003	6 MD8 ประตู A	19:02 HOUR	111	-
T25AN03-0004	วัดความเข้มแสงในห้องนอน A ชั้น 1	19:03 HOUR	-	105
T25AN03-0005		19:04 HOUR	-	102
T25AN03-0006		19:05 HOUR	-	99
T25AN03-0007	POINT 3	19:06 HOUR	-	94
	POINT 4	19:06 HOUR	-	100
	AVERAGE		-	107
T25AN03-0008	วัดความเข้มแสงในห้องนอน A ชั้น 1	19:07 HOUR	-	107
T25AN03-0009		19:08 HOUR	-	109
T25AN03-0010		19:09 HOUR	-	106
T25AN03-0011	POINT 3	19:10 HOUR	-	118
T25AN03-0012	POINT 4	19:11 HOUR	-	273
T25AN03-0013	POINT 5	19:12 HOUR	-	135
T25AN03-0014	POINT 6	19:13 HOUR	-	237
T25AN03-0015	POINT 7	19:14 HOUR	-	155
T25AN03-0016	POINT 8	19:15 HOUR	-	109
T25AN03-0017	POINT 9	19:16 HOUR	-	109
T25AN03-0018	POINT 10	19:17 HOUR	-	120
T25AN03-0019	POINT 11	19:18 HOUR	-	107
T25AN03-0020	POINT 12	19:19 HOUR	-	107
T25AN03-0021	POINT 13	19:20 HOUR	-	105
	POINT 14	19:20 HOUR	-	135
	AVERAGE		-	135
T25AN03-0022	ค่ากลางแสงในห้องนอน A ชั้น 1	18:55 HOUR	408	-
	ค่ากลางความเข้มแสงในห้องนอน A ชั้น 1			-



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- End of Analysis Report -



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ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			SPOT MEASUREMENT	AREA MEASUREMENT
T25AN03-0023	โถงทางเข้าหน้าห้างสรรพสินค้า	18:56 HOUR	422	-
T25AN03-0024	โถงทางเข้าห้างสรรพสินค้า	18:57 HOUR	466	-
T25AN03-0025	โถงทางเข้าหน้าห้างสรรพสินค้า	18:58 HOUR	569	-
บริเวณโถงชั้น 1 อาคาร A ชั้น 1				
T25AN03-0026	POINT 1	19:21 HOUR	-	19
T25AN03-0027	POINT 2	19:22 HOUR	-	26
T25AN03-0028	POINT 3	19:23 HOUR	-	23
T25AN03-0029	POINT 4	19:24 HOUR	-	35
T25AN03-0030	POINT 5	19:25 HOUR	-	41
T25AN03-0031	POINT 6	19:26 HOUR	-	46
T25AN03-0032	POINT 7	19:27 HOUR	-	31
T25AN03-0033	POINT 8	19:28 HOUR	-	29
T25AN03-0034	POINT 9	19:29 HOUR	-	25
AVERAGE			-	31
บริเวณโถงชั้น 2 อาคาร A ชั้น 1				
T25AN03-0035	POINT 1	19:30 HOUR	-	18
T25AN03-0036	POINT 2	19:31 HOUR	-	12
T25AN03-0037	POINT 3	19:32 HOUR	-	13
T25AN03-0038	POINT 4	19:33 HOUR	-	16
T25AN03-0039	POINT 5	19:34 HOUR	-	11
T25AN03-0040	POINT 6	19:35 HOUR	-	14
T25AN03-0041	POINT 7	19:36 HOUR	-	12
T25AN03-0042	POINT 8	19:37 HOUR	-	15
T25AN03-0043	POINT 9	19:38 HOUR	-	12
AVERAGE			-	14
บริเวณชั้น 1 ชั้น 2				
T25AN03-0044	POINT 1	19:39 HOUR	-	30
T25AN03-0045	POINT 2	19:40 HOUR	-	53
T25AN03-0046	POINT 3	19:41 HOUR	-	50
T25AN03-0047	POINT 4	19:42 HOUR	-	39
T25AN03-0048	POINT 5	19:43 HOUR	-	60
T25AN03-0049	POINT 6	19:44 HOUR	-	69
AVERAGE			-	50
บริเวณชั้น 2 อาคาร A ชั้น 2				
T25AN03-0050	POINT 1	19:45 HOUR	-	427
T25AN03-0051	POINT 2	19:46 HOUR	-	240
AVERAGE			-	333
บริเวณชั้น 1 ชั้น 2 อาคาร A ชั้น 2				
T25AN03-0052	POINT 1	19:47 HOUR	-	149
T25AN03-0053	POINT 2	19:48 HOUR	-	118
T25AN03-0054	POINT 3	19:49 HOUR	-	176
T25AN03-0055	POINT 4	19:50 HOUR	-	204
AVERAGE			-	162



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ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			SPOT MEASUREMENT	AREA MEASUREMENT
T25AN03-0056	บริเวณชั้น 1 อาคาร A ชั้น 2	19:51 HOUR	-	107
T25AN03-0057	POINT 1	19:52 HOUR	-	189
T25AN03-0058	POINT 3	19:53 HOUR	-	213
T25AN03-0059	POINT 4	19:54 HOUR	-	126
T25AN03-0060	POINT 5	19:55 HOUR	-	148
T25AN03-0061	POINT 6	19:56 HOUR	-	163
T25AN03-0062	POINT 7	19:57 HOUR	-	135
T25AN03-0063	POINT 8	19:58 HOUR	-	106
T25AN03-0064	POINT 9	19:59 HOUR	-	134
T25AN03-0065	POINT 10	20:00 HOUR	-	266
T25AN03-0066	POINT 11	20:01 HOUR	-	150
T25AN03-0067	POINT 12	20:02 HOUR	-	120
T25AN03-0068	POINT 13	20:03 HOUR	-	110
T25AN03-0069	POINT 14	20:04 HOUR	-	108
AVERAGE			-	148
บริเวณโถงชั้น 1 อาคาร A ชั้น 2				
T25AN03-0070	POINT 1	20:05 HOUR	-	38
T25AN03-0071	POINT 2	20:06 HOUR	-	45
T25AN03-0072	POINT 3	20:07 HOUR	-	40
T25AN03-0073	POINT 4	20:08 HOUR	-	48
T25AN03-0074	POINT 5	20:09 HOUR	-	52
T25AN03-0075	POINT 6	20:10 HOUR	-	54
T25AN03-0076	POINT 7	20:11 HOUR	-	42
T25AN03-0077	POINT 8	20:12 HOUR	-	40
T25AN03-0078	POINT 9	20:13 HOUR	-	35
AVERAGE			-	44
บริเวณโถงชั้น 2 อาคาร A ชั้น 2				
T25AN03-0079	POINT 1	20:14 HOUR	-	19
T25AN03-0080	POINT 2	20:15 HOUR	-	18
T25AN03-0081	POINT 3	20:16 HOUR	-	23
T25AN03-0082	POINT 4	20:17 HOUR	-	31
T25AN03-0083	POINT 5	20:18 HOUR	-	35
T25AN03-0084	POINT 6	20:19 HOUR	-	38
T25AN03-0085	POINT 7	20:20 HOUR	-	32
T25AN03-0086	POINT 8	20:21 HOUR	-	30
T25AN03-0087	POINT 9	20:22 HOUR	-	30
AVERAGE			-	28
บริเวณชั้น 2 ชั้น 3				
T25AN03-0088	POINT 1	20:23 HOUR	-	27





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ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			SPOT MEASUREMENT	AREA MEASUREMENT
T25ANB03-0089	POINT 2	20:24 HOUR	-	25
T25ANB03-0090	POINT 3	20:25 HOUR	-	30
T25ANB03-0091	POINT 4	20:26 HOUR	-	30
T25ANB03-0092	POINT 5	20:27 HOUR	-	35
T25ANB03-0093	POINT 6	20:28 HOUR	-	40
	AVERAGE		-	31
T25ANB03-0094	บริเวณทางเดินไฟฟ้า อาคาร A ชั้น 3	20:29 HOUR	-	214
T25ANB03-0095	POINT 1	20:30 HOUR	-	282
	AVERAGE		-	248
T25ANB03-0096	บริเวณทางเดินไฟฟ้า อาคาร A ชั้น 3	20:31 HOUR	-	129
T25ANB03-0097	POINT 1	20:32 HOUR	-	106
T25ANB03-0098	POINT 2	20:33 HOUR	-	123
T25ANB03-0099	POINT 3	20:34 HOUR	-	141
	AVERAGE		-	125
T25ANB03-0100	บริเวณทางเดินไฟฟ้า อาคาร A ชั้น 3	20:35 HOUR	-	171
T25ANB03-0101	POINT 1	20:36 HOUR	-	138
T25ANB03-0102	POINT 2	20:37 HOUR	-	182
T25ANB03-0103	POINT 3	20:38 HOUR	-	105
T25ANB03-0104	POINT 4	20:39 HOUR	-	124
T25ANB03-0105	POINT 5	20:40 HOUR	-	119
T25ANB03-0106	POINT 6	20:41 HOUR	-	107
T25ANB03-0107	POINT 7	20:42 HOUR	-	136
T25ANB03-0108	POINT 8	20:43 HOUR	-	127
T25ANB03-0109	POINT 9	20:44 HOUR	-	142
T25ANB03-0110	POINT 10	20:45 HOUR	-	213
T25ANB03-0111	POINT 11	20:46 HOUR	-	207
T25ANB03-0112	POINT 12	20:47 HOUR	-	124
T25ANB03-0113	POINT 13	20:48 HOUR	-	121
	AVERAGE		-	144
T25ANB03-0114	บริเวณทางเดินไฟฟ้า อาคาร A ชั้น 3	20:49 HOUR	-	47
T25ANB03-0115	POINT 1	20:50 HOUR	-	50
T25ANB03-0116	POINT 2	20:51 HOUR	-	47
T25ANB03-0117	POINT 3	20:52 HOUR	-	43
T25ANB03-0118	POINT 4	20:53 HOUR	-	41
T25ANB03-0119	POINT 5	20:54 HOUR	-	40
T25ANB03-0120	POINT 6	20:55 HOUR	-	40
T25ANB03-0121	POINT 7	20:56 HOUR	-	24
T25ANB03-0122	POINT 8	20:57 HOUR	-	25
	AVERAGE		-	40



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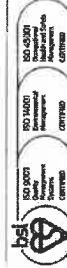
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ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			SPOT MEASUREMENT	AREA MEASUREMENT
T25ANB03-0123	บริเวณทางเดินไฟฟ้า อาคาร A ชั้น 3	20:58 HOUR	-	28
T25ANB03-0124	POINT 1	20:59 HOUR	-	33
T25ANB03-0125	POINT 2	21:00 HOUR	-	37
T25ANB03-0126	POINT 3	21:01 HOUR	-	40
T25ANB03-0127	POINT 4	21:02 HOUR	-	41
T25ANB03-0128	POINT 5	21:03 HOUR	-	46
T25ANB03-0129	POINT 6	21:04 HOUR	-	28
T25ANB03-0130	POINT 7	21:05 HOUR	-	31
T25ANB03-0131	POINT 8	21:06 HOUR	-	29
	AVERAGE		-	35
T25ANB03-0132	บริเวณทางเดินไฟฟ้า อาคาร A ชั้น 4	21:07 HOUR	-	40
T25ANB03-0133	POINT 1	21:08 HOUR	-	45
T25ANB03-0134	POINT 2	21:09 HOUR	-	50
T25ANB03-0135	POINT 3	21:10 HOUR	-	39
T25ANB03-0136	POINT 4	21:11 HOUR	-	40
T25ANB03-0137	POINT 5	21:12 HOUR	-	42
	AVERAGE		-	43
T25ANB03-0138	บริเวณทางเดินไฟฟ้า อาคาร A ชั้น 4	21:13 HOUR	-	320
T25ANB03-0139	POINT 1	21:14 HOUR	-	332
	AVERAGE		-	326
T25ANB03-0140	บริเวณทางเดินไฟฟ้า อาคาร A ชั้น 4	21:15 HOUR	-	64
T25ANB03-0141	POINT 1	21:16 HOUR	-	79
T25ANB03-0142	POINT 2	21:17 HOUR	-	84
T25ANB03-0143	POINT 3	21:18 HOUR	-	91
	AVERAGE		-	79
T25ANB03-0144	บริเวณทางเดินไฟฟ้า อาคาร A ชั้น 4	21:19 HOUR	-	128
T25ANB03-0145	POINT 1	21:20 HOUR	-	132
T25ANB03-0146	POINT 2	21:21 HOUR	-	166
T25ANB03-0147	POINT 3	21:22 HOUR	-	149
T25ANB03-0148	POINT 4	21:23 HOUR	-	161
T25ANB03-0149	POINT 5	21:24 HOUR	-	178
T25ANB03-0150	POINT 6	21:25 HOUR	-	184
T25ANB03-0151	POINT 7	21:26 HOUR	-	218
T25ANB03-0152	POINT 8	21:27 HOUR	-	181
T25ANB03-0153	POINT 9	21:28 HOUR	-	210
	AVERAGE		-	210



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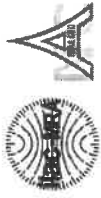
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ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			SPOT MEASUREMENT	AREA MEASUREMENT
T25AN03-0154	POINT 11	21:29 HOUR	-	195
T25AN03-0155	POINT 12	21:30 HOUR	-	189
T25AN03-0156	POINT 13	21:31 HOUR	-	111
T25AN03-0157	POINT 14	21:32 HOUR	-	105
	AVERAGE		-	165
บริเวณหน้าอาคาร 1 อาคาร A ชั้น 4				
T25AN03-0158	POINT 1	21:33 HOUR	-	45
T25AN03-0159	POINT 2	21:34 HOUR	-	40
T25AN03-0160	POINT 3	21:35 HOUR	-	38
T25AN03-0161	POINT 4	21:36 HOUR	-	52
T25AN03-0162	POINT 5	21:37 HOUR	-	56
T25AN03-0163	POINT 6	21:38 HOUR	-	60
T25AN03-0164	POINT 7	21:39 HOUR	-	50
T25AN03-0165	POINT 8	21:40 HOUR	-	45
T25AN03-0166	POINT 9	21:41 HOUR	-	32
	AVERAGE		-	47
บริเวณหน้าอาคาร 2 อาคาร A ชั้น 4				
T25AN03-0167	POINT 1	21:42 HOUR	-	26
T25AN03-0168	POINT 2	21:43 HOUR	-	23
T25AN03-0169	POINT 3	21:44 HOUR	-	21
T25AN03-0170	POINT 4	21:45 HOUR	-	30
T25AN03-0171	POINT 5	21:46 HOUR	-	28
T25AN03-0172	POINT 6	21:47 HOUR	-	25
T25AN03-0173	POINT 7	21:48 HOUR	-	32
T25AN03-0174	POINT 8	21:49 HOUR	-	30
T25AN03-0175	POINT 9	21:50 HOUR	-	29
	AVERAGE		-	27
บริเวณหน้าอาคาร A-B				
T25AN03-0176	POINT 1	21:53 HOUR	-	67
T25AN03-0177	POINT 2	21:54 HOUR	-	85
T25AN03-0178	POINT 3	21:55 HOUR	-	64
T25AN03-0179	POINT 4	21:56 HOUR	-	99
T25AN03-0180	POINT 5	21:57 HOUR	-	88
T25AN03-0181	POINT 6	21:58 HOUR	-	66
T25AN03-0182	POINT 7	21:59 HOUR	-	87
T25AN03-0183	POINT 8	22:00 HOUR	-	84
T25AN03-0184	POINT 9	22:01 HOUR	-	82
T25AN03-0185	POINT 10	22:02 HOUR	-	73



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ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			SPOT MEASUREMENT	AREA MEASUREMENT
T25AN03-0186	POINT 11	22:03 HOUR	-	71
T25AN03-0187	POINT 12	22:04 HOUR	-	68
T25AN03-0188	POINT 13	22:05 HOUR	-	70
T25AN03-0189	POINT 14	22:06 HOUR	-	83
T25AN03-0190	POINT 15	22:07 HOUR	-	81
T25AN03-0191	POINT 16	22:08 HOUR	-	80
T25AN03-0192	POINT 17	22:09 HOUR	-	110
T25AN03-0193	POINT 18	22:10 HOUR	-	102
	AVERAGE		-	80
บริเวณหน้าอาคาร A-B				
T25AN03-0194	POINT 1	22:11 HOUR	-	6
T25AN03-0195	POINT 2	22:12 HOUR	-	4
T25AN03-0196	POINT 3	22:13 HOUR	-	5
T25AN03-0197	POINT 4	22:14 HOUR	-	6
T25AN03-0198	POINT 5	22:15 HOUR	-	4
T25AN03-0199	POINT 6	22:16 HOUR	-	2
T25AN03-0200	POINT 7	22:17 HOUR	-	6
T25AN03-0201	POINT 8	22:18 HOUR	-	5
T25AN03-0202	POINT 9	22:19 HOUR	-	7
T25AN03-0203	POINT 10	22:20 HOUR	-	4
T25AN03-0204	POINT 11	22:21 HOUR	-	8
T25AN03-0205	POINT 12	22:22 HOUR	-	4
T25AN03-0206	POINT 13	22:23 HOUR	-	5
T25AN03-0207	POINT 14	22:24 HOUR	-	3
T25AN03-0208	POINT 15	22:25 HOUR	-	6
T25AN03-0209	POINT 16	22:26 HOUR	-	3
T25AN03-0210	POINT 17	22:27 HOUR	-	5
T25AN03-0211	POINT 18	22:28 HOUR	-	6
T25AN03-0212	POINT 19	22:29 HOUR	-	7
T25AN03-0213	POINT 20	22:30 HOUR	-	3
	AVERAGE		-	5
บริเวณหน้าอาคาร ชั้น 1-ชั้น 2				
T25AN03-0214	POINT 1	22:31 HOUR	-	54
T25AN03-0215	POINT 2	22:32 HOUR	-	21
T25AN03-0216	POINT 3	22:33 HOUR	-	20
T25AN03-0217	POINT 4	22:34 HOUR	-	16
T25AN03-0218	POINT 5	22:35 HOUR	-	18
T25AN03-0219	POINT 6	22:36 HOUR	-	17
T25AN03-0220	POINT 7	22:37 HOUR	-	13
T25AN03-0221	POINT 8	22:38 HOUR	-	14
T25AN03-0222	POINT 9	22:39 HOUR	-	13



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ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			SPOT MEASUREMENT	AREA MEASUREMENT
T25ANB03-0223	POINT 10	22:40 HOUR	-	14
T25ANB03-0224	POINT 11	22:41 HOUR	-	14
T25ANB03-0225	POINT 12	22:42 HOUR	-	16
T25ANB03-0226	POINT 13	22:43 HOUR	-	14
T25ANB03-0227	POINT 14	22:44 HOUR	-	13
T25ANB03-0228	POINT 15	22:45 HOUR	-	15
T25ANB03-0229	POINT 16	22:46 HOUR	-	14
T25ANB03-0230	POINT 17	22:47 HOUR	-	16
T25ANB03-0231	POINT 18	22:48 HOUR	-	14
T25ANB03-0232	POINT 19	22:49 HOUR	-	13
T25ANB03-0233	POINT 20	22:50 HOUR	-	13
T25ANB03-0234	POINT 21	22:51 HOUR	-	14
AVERAGE			-	17
พื้นที่วัดอุณหภูมิ ลม 2-4m 3				
T25ANB03-0235	POINT 1	22:52 HOUR	-	30
T25ANB03-0236	POINT 2	22:53 HOUR	-	22
T25ANB03-0237	POINT 3	22:54 HOUR	-	14
T25ANB03-0238	POINT 4	22:55 HOUR	-	11
T25ANB03-0239	POINT 5	22:56 HOUR	-	12
T25ANB03-0240	POINT 6	22:57 HOUR	-	14
T25ANB03-0241	POINT 7	22:58 HOUR	-	13
T25ANB03-0242	POINT 8	22:59 HOUR	-	15
T25ANB03-0243	POINT 9	23:00 HOUR	-	11
T25ANB03-0244	POINT 10	23:01 HOUR	-	14
T25ANB03-0245	POINT 11	23:02 HOUR	-	16
T25ANB03-0246	POINT 12	23:03 HOUR	-	13
T25ANB03-0247	POINT 13	23:04 HOUR	-	14
T25ANB03-0248	POINT 14	23:05 HOUR	-	19
T25ANB03-0249	POINT 15	23:06 HOUR	-	15
T25ANB03-0250	POINT 16	23:07 HOUR	-	16
T25ANB03-0251	POINT 17	23:08 HOUR	-	15
T25ANB03-0252	POINT 18	23:09 HOUR	-	18
T25ANB03-0253	POINT 19	23:10 HOUR	-	13
T25ANB03-0254	POINT 20	23:11 HOUR	-	15
T25ANB03-0255	POINT 21	23:12 HOUR	-	15
AVERAGE			-	15
พื้นที่วัดอุณหภูมิ ลม 3-4m 4				
T25ANB03-0256	POINT 1	23:13 HOUR	-	5
T25ANB03-0257	POINT 2	23:14 HOUR	-	2
T25ANB03-0258	POINT 3	23:15 HOUR	-	4



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ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			SPOT MEASUREMENT	AREA MEASUREMENT
T25ANB03-0259	POINT 4	23:16 HOUR	-	2
T25ANB03-0260	POINT 5	23:17 HOUR	-	3
T25ANB03-0261	POINT 6	23:18 HOUR	-	5
T25ANB03-0262	POINT 7	23:19 HOUR	-	3
T25ANB03-0263	POINT 8	23:20 HOUR	-	3
T25ANB03-0264	POINT 9	23:21 HOUR	-	3
T25ANB03-0265	POINT 10	23:22 HOUR	-	5
T25ANB03-0266	POINT 11	23:23 HOUR	-	7
T25ANB03-0267	POINT 12	23:24 HOUR	-	4
T25ANB03-0268	POINT 13	23:25 HOUR	-	3
T25ANB03-0269	POINT 14	23:26 HOUR	-	5
T25ANB03-0270	POINT 15	23:27 HOUR	-	5
T25ANB03-0271	POINT 16	23:28 HOUR	-	2
T25ANB03-0272	POINT 17	23:29 HOUR	-	6
T25ANB03-0273	POINT 18	23:30 HOUR	-	6
T25ANB03-0274	POINT 19	23:31 HOUR	-	4
T25ANB03-0275	POINT 20	23:32 HOUR	-	3
T25ANB03-0276	POINT 21	23:33 HOUR	-	3
AVERAGE			-	4
พื้นที่วัดอุณหภูมิ A				
T25ANB03-0277	POINT 1	23:34 HOUR	-	15
T25ANB03-0278	POINT 2	23:35 HOUR	-	20
T25ANB03-0279	POINT 3	23:36 HOUR	-	25
T25ANB03-0280	POINT 4	23:37 HOUR	-	19
T25ANB03-0281	POINT 5	23:38 HOUR	-	21
T25ANB03-0282	POINT 6	23:39 HOUR	-	22
AVERAGE			-	20

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, 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).



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- End of Analysis Report -



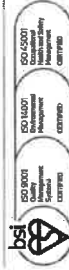
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**LAE** United Analyst and Engineering Consultant Co., Ltd.  
11th Floor, 47/1 Sukhumvit Road, Bangkok 10110, Thailand  
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### ANALYSIS REPORT

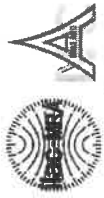
**CUSTOMER NAME** : ENERGY COMPLEX COMPANY LIMITED  
**ADDRESS** : 555/1 VIBHAVADI-RANGSIT ROAD CHATUCHAK BANGKOK 10900  
**CONTACT INFORMATION** : TEL : 063 997 9715 e-mail : qhe.enrcom@enrcom.com  
**MEASURING PLACE** : ENERGY COMPLEX COMPANY LIMITED  
**MEASURING TYPE** : WORKPLACE (LIGHT INTENSITY)  
**MEASURING DATE** : JUNE 12, 2025  
**MEASURING TIME** : JUNE 20, 2025  
**MEASURING EQUIPMENT** : \*  
**MEASURED BY** : LUX METER\*\*  
: MISS NAPASSORN SRISATHAN  
**RECEIVED DATE** : JUNE 12, 2025  
**ANALYTICAL DATE** : JUNE 20, 2025  
**ISSUE DATE** : JUNE 20, 2025  
**REPORT NO.** : 2025-U055386  
**WORK NO.** : 2024-010117  
**ANALYSIS NO.** : T25ANB04-0001 - T25ANB04-0289

ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			LIGHT INTENSITY	AREA MEASUREMENT
T25ANB04-0001	ห้องงานประชุม/ไฟฟ้า อาคาร F ชั้น 1	POINT 1	97	
T25ANB04-0002		POINT 2	108	
		AVERAGE	102	
T25ANB04-0003	พื้นที่ทางเดินบันได/อาคาร F ชั้น 1	POINT 1	112	
T25ANB04-0004		POINT 2	114	
T25ANB04-0005		POINT 3	105	
T25ANB04-0006		POINT 4	108	
		AVERAGE	110	
T25ANB04-0007	พื้นที่ทางเดินในอาคาร F ชั้น 1	POINT 1	85	
T25ANB04-0008		POINT 2	91	
T25ANB04-0009		POINT 3	75	
T25ANB04-0010		POINT 4	72	
T25ANB04-0011		POINT 5	70	
T25ANB04-0012		POINT 6	75	
T25ANB04-0013		POINT 7	80	
T25ANB04-0014		POINT 8	82	
T25ANB04-0015		POINT 9	70	
T25ANB04-0016		POINT 10	89	
T25ANB04-0017	พื้นที่ทางเดิน 1 อาคาร F ชั้น 1	POINT 11	75	
T25ANB04-0018		POINT 12	73	
T25ANB04-0019		POINT 13	83	
T25ANB04-0020		POINT 14	67	
		AVERAGE	78	
T25ANB04-0021		POINT 1	19	
T25ANB04-0022		POINT 2	21	
T25ANB04-0023		POINT 3	23	



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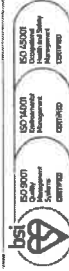
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ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			LIGHT INTENSITY	AREA MEASUREMENT
T25ANB04-0024	ห้องงานประชุม/ไฟฟ้า อาคาร F ชั้น 1	POINT 4	12	
T25ANB04-0025		POINT 5	14	
T25ANB04-0026		POINT 6	17	
T25ANB04-0027		POINT 7	15	
T25ANB04-0028		POINT 8	17	
T25ANB04-0029		POINT 9	14	
		AVERAGE	17	
T25ANB04-0030		POINT 1	13	
T25ANB04-0031		POINT 2	13	
T25ANB04-0032	พื้นที่ทางเดิน 2 อาคาร F ชั้น 1	POINT 3	18	
T25ANB04-0033		POINT 4	20	
T25ANB04-0034		POINT 5	21	
T25ANB04-0035		POINT 6	19	
T25ANB04-0036		POINT 7	15	
T25ANB04-0037		POINT 8	16	
T25ANB04-0038		POINT 9	11	
		AVERAGE	16	
T25ANB04-0039	พื้นที่ทางเดิน 3 อาคาร F ชั้น 1	POINT 1	19	
T25ANB04-0040		POINT 2	20	
T25ANB04-0041		POINT 3	18	
T25ANB04-0042		POINT 4	15	
T25ANB04-0043		POINT 5	14	
T25ANB04-0044		POINT 6	16	
T25ANB04-0045		POINT 7	12	
T25ANB04-0046		POINT 8	12	
T25ANB04-0047		POINT 9	14	
		AVERAGE	16	
T25ANB04-0048	ห้องงานประชุม อาคาร F ชั้น 1	POINT 1	112	
T25ANB04-0049		POINT 2	141	
T25ANB04-0050		POINT 3	141	
T25ANB04-0051		POINT 4	139	
T25ANB04-0052		POINT 5	141	
T25ANB04-0053		POINT 6	191	
		AVERAGE	144	
T25ANB04-0054	พื้นที่ทางเดิน อาคาร F ชั้น 1	POINT 1	88	
T25ANB04-0055		POINT 2	89	



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ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			LIGHT INTENSITY	AREA MEASUREMENT
T25ANB04-0056	POINT 3	19:55 HOUR	101	
T25ANB04-0057	POINT 4	19:56 HOUR	133	
T25ANB04-0058	POINT 5	19:57 HOUR	83	
T25ANB04-0059	POINT 6	19:58 HOUR	78	
T25ANB04-0060	POINT 7	19:59 HOUR	80	
T25ANB04-0061	POINT 8	20:00 HOUR	65	
	AVERAGE		90	
	พื้นที่จอดรถชั้น 1 - ชั้น 2 อาคาร F			
T25ANB04-0062	POINT 1	20:01 HOUR	142	
T25ANB04-0063	POINT 2	20:02 HOUR	145	
T25ANB04-0064	POINT 3	20:03 HOUR	116	
T25ANB04-0065	POINT 4	20:04 HOUR	105	
T25ANB04-0066	POINT 5	20:05 HOUR	110	
T25ANB04-0067	POINT 6	20:06 HOUR	112	
	AVERAGE		122	
	ห้องประชุมชั้น 1 อาคาร F ชั้น 2			
T25ANB04-0068	POINT 1	20:07 HOUR	115	
T25ANB04-0069	POINT 2	20:08 HOUR	122	
	AVERAGE		119	
	บริเวณทางเดินบันได/อาคาร F ชั้น 2			
T25ANB04-0070	POINT 1	20:09 HOUR	109	
T25ANB04-0071	POINT 2	20:10 HOUR	105	
T25ANB04-0072	POINT 3	20:11 HOUR	108	
T25ANB04-0073	POINT 4	20:12 HOUR	103	
	AVERAGE		106	
	บริเวณทางเดินอาคาร F ชั้น 2			
T25ANB04-0074	POINT 1	20:13 HOUR	112	
T25ANB04-0075	POINT 2	20:14 HOUR	115	
T25ANB04-0076	POINT 3	20:15 HOUR	119	
T25ANB04-0077	POINT 4	20:16 HOUR	104	
T25ANB04-0078	POINT 5	20:17 HOUR	136	
T25ANB04-0079	POINT 6	20:18 HOUR	155	
T25ANB04-0080	POINT 7	20:19 HOUR	164	
T25ANB04-0081	POINT 8	20:20 HOUR	166	
T25ANB04-0082	POINT 9	20:21 HOUR	149	
T25ANB04-0083	POINT 10	20:22 HOUR	143	
T25ANB04-0084	POINT 11	20:23 HOUR	130	
T25ANB04-0085	POINT 12	20:24 HOUR	158	



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ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			LIGHT INTENSITY	AREA MEASUREMENT
T25ANB04-0086	POINT 13	20:25 HOUR	161	
T25ANB04-0087	POINT 14	20:26 HOUR	120	
	AVERAGE		139	
	บริเวณโถงลิฟต์ 1 อาคาร F ชั้น 2			
T25ANB04-0088	POINT 1	20:27 HOUR	12	
T25ANB04-0089	POINT 2	20:28 HOUR	11	
T25ANB04-0090	POINT 3	20:29 HOUR	14	
T25ANB04-0091	POINT 4	20:30 HOUR	14	
T25ANB04-0092	POINT 5	20:31 HOUR	17	
T25ANB04-0093	POINT 6	20:32 HOUR	18	
T25ANB04-0094	POINT 7	20:33 HOUR	21	
T25ANB04-0095	POINT 8	20:34 HOUR	13	
T25ANB04-0096	POINT 9	20:35 HOUR	14	
	AVERAGE		15	
	บริเวณโถงลิฟต์ 2 อาคาร F ชั้น 2			
T25ANB04-0097	POINT 1	20:36 HOUR	12	
T25ANB04-0098	POINT 2	20:37 HOUR	16	
T25ANB04-0099	POINT 3	20:38 HOUR	14	
T25ANB04-0100	POINT 4	20:39 HOUR	11	
T25ANB04-0101	POINT 5	20:40 HOUR	10	
T25ANB04-0102	POINT 6	20:41 HOUR	10	
T25ANB04-0103	POINT 7	20:42 HOUR	13	
T25ANB04-0104	POINT 8	20:43 HOUR	12	
T25ANB04-0105	POINT 9	20:44 HOUR	15	
	AVERAGE		13	
	บริเวณโถงลิฟต์ 3 อาคาร F ชั้น 2			
T25ANB04-0106	POINT 1	20:45 HOUR	27	
T25ANB04-0107	POINT 2	20:46 HOUR	29	
T25ANB04-0108	POINT 3	20:47 HOUR	25	
T25ANB04-0109	POINT 4	20:48 HOUR	30	
T25ANB04-0110	POINT 5	20:49 HOUR	31	
T25ANB04-0111	POINT 6	20:50 HOUR	28	
T25ANB04-0112	POINT 7	20:51 HOUR	25	
T25ANB04-0113	POINT 8	20:52 HOUR	24	
T25ANB04-0114	POINT 9	20:53 HOUR	19	
	AVERAGE		27	
	บริเวณโถงลิฟต์ 2 - ชั้น 3 อาคาร F			
T25ANB04-0115	POINT 1	20:54 HOUR	115	
T25ANB04-0116	POINT 2	20:55 HOUR	109	
T25ANB04-0117	POINT 3	20:56 HOUR	110	
T25ANB04-0118	POINT 4	20:57 HOUR	105	



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THIS ANALYSIS REPORT APPROVES ONLY FOR THE SAMPLES AS RECEIVED.

4/10

2025-U053386





MSC-TIR-118 17025  
TESTING 0207

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NSC-TSI-TIS 17025  
TESTING 0207

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3 Soi Udomsak 41, Sukhumvit 90-d, Bangchak, Bangkok 10950  
Tel: 0 2763 2828 Fax: 0 2763 2930 www.unae-consultant.com E-mail: unae@unaeconsultant.com

ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			LIGHT INTENSITY	AREA MEASUREMENT
T25ANB04-0179	POINT 4	21:58 HOUR	152	
	AVERAGE		168	
บริเวณหน้าห้องโถงอาคาร F ชั้น 4				
T25ANB04-0180	POINT 1	21:59 HOUR	168	
T25ANB04-0181	POINT 2	22:00 HOUR	209	
T25ANB04-0182	POINT 3	22:01 HOUR	216	
T25ANB04-0183	POINT 4	22:02 HOUR	221	
T25ANB04-0184	POINT 5	22:03 HOUR	183	
T25ANB04-0185	POINT 6	22:04 HOUR	198	
T25ANB04-0186	POINT 7	22:05 HOUR	202	
T25ANB04-0187	POINT 8	22:06 HOUR	191	
T25ANB04-0188	POINT 9	22:07 HOUR	202	
T25ANB04-0189	POINT 10	22:08 HOUR	190	
T25ANB04-0190	POINT 11	22:09 HOUR	122	
T25ANB04-0191	POINT 12	22:10 HOUR	141	
T25ANB04-0192	POINT 13	22:11 HOUR	185	
T25ANB04-0193	POINT 14	22:12 HOUR	139	
	AVERAGE		183	
บริเวณโถงอาคาร 1 อาคาร F ชั้น 4				
T25ANB04-0194	POINT 1	22:13 HOUR	19	
T25ANB04-0195	POINT 2	22:14 HOUR	14	
T25ANB04-0196	POINT 3	22:15 HOUR	15	
T25ANB04-0197	POINT 4	22:16 HOUR	14	
T25ANB04-0198	POINT 5	22:17 HOUR	18	
T25ANB04-0199	POINT 6	22:18 HOUR	15	
T25ANB04-0200	POINT 7	22:19 HOUR	15	
T25ANB04-0201	POINT 8	22:20 HOUR	10	
T25ANB04-0202	POINT 9	22:21 HOUR	16	
	AVERAGE		15	
บริเวณโถงอาคาร 2 อาคาร F ชั้น 4				
T25ANB04-0203	POINT 1	22:22 HOUR	4	
T25ANB04-0204	POINT 2	22:23 HOUR	3	
T25ANB04-0205	POINT 3	22:24 HOUR	4	
T25ANB04-0206	POINT 4	22:25 HOUR	5	
T25ANB04-0207	POINT 5	22:26 HOUR	3	
T25ANB04-0208	POINT 6	22:27 HOUR	2	
T25ANB04-0209	POINT 7	22:28 HOUR	5	
T25ANB04-0210	POINT 8	22:29 HOUR	3	
T25ANB04-0211	POINT 9	22:30 HOUR	3	
	AVERAGE		4	
บริเวณโถงอาคาร 3 อาคาร F ชั้น 4				
T25ANB04-0212	POINT 1	22:31 HOUR	20	
T25ANB04-0213	POINT 2	22:32 HOUR	21	

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ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX)	
			LIGHT INTENSITY	AREA MEASUREMENT
T25ANB04-0214	POINT 3	22:33 HOUR	18	
T25ANB04-0215	POINT 4	22:34 HOUR	20	
T25ANB04-0216	POINT 5	22:35 HOUR	23	
T25ANB04-0217	POINT 6	22:36 HOUR	24	
T25ANB04-0218	POINT 7	22:37 HOUR	20	
T25ANB04-0219	POINT 8	22:38 HOUR	18	
T25ANB04-0220	POINT 9	22:39 HOUR	15	
	AVERAGE		20	
บริเวณโถงอาคาร ชั้น 1 - ชั้น 2				
T25ANB04-0221	POINT 1	22:40 HOUR	20	
T25ANB04-0222	POINT 2	22:41 HOUR	18	
T25ANB04-0223	POINT 3	22:42 HOUR	12	
T25ANB04-0224	POINT 4	22:43 HOUR	19	
T25ANB04-0225	POINT 5	22:44 HOUR	25	
T25ANB04-0226	POINT 6	22:45 HOUR	28	
T25ANB04-0227	POINT 7	22:46 HOUR	30	
T25ANB04-0228	POINT 8	22:47 HOUR	32	
T25ANB04-0229	POINT 9	22:48 HOUR	27	
T25ANB04-0230	POINT 10	22:49 HOUR	25	
T25ANB04-0231	POINT 11	22:50 HOUR	24	
T25ANB04-0232	POINT 12	22:51 HOUR	22	
T25ANB04-0233	POINT 13	22:52 HOUR	19	
T25ANB04-0234	POINT 14	22:53 HOUR	21	
T25ANB04-0235	POINT 15	22:54 HOUR	18	
T25ANB04-0236	POINT 16	22:55 HOUR	15	
T25ANB04-0237	POINT 17	22:56 HOUR	17	
T25ANB04-0238	POINT 18	22:57 HOUR	15	
T25ANB04-0239	POINT 19	22:58 HOUR	18	
T25ANB04-0240	POINT 20	22:59 HOUR	21	
T25ANB04-0241	POINT 21	23:00 HOUR	22	
	AVERAGE		21	
บริเวณโถงอาคาร ชั้น 2 - ชั้น 3				
T25ANB04-0242	POINT 1	23:01 HOUR	11	
T25ANB04-0243	POINT 2	23:02 HOUR	13	
T25ANB04-0244	POINT 3	23:03 HOUR	12	
T25ANB04-0245	POINT 4	23:04 HOUR	14	
T25ANB04-0246	POINT 5	23:05 HOUR	15	
T25ANB04-0247	POINT 6	23:06 HOUR	18	
T25ANB04-0248	POINT 7	23:07 HOUR	19	
T25ANB04-0249	POINT 8	23:08 HOUR	21	
T25ANB04-0250	POINT 9	23:09 HOUR	23	

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ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX) LIGHT INTENSITY AREA MEASUREMENT
T25ANB04-0251	POINT 10	23:10 HOUR	25
T25ANB04-0252	POINT 11	23:11 HOUR	18
T25ANB04-0253	POINT 12	23:12 HOUR	19
T25ANB04-0254	POINT 13	23:13 HOUR	18
T25ANB04-0255	POINT 14	23:14 HOUR	15
T25ANB04-0256	POINT 15	23:15 HOUR	17
T25ANB04-0257	POINT 16	23:16 HOUR	22
T25ANB04-0258	POINT 17	23:17 HOUR	22
T25ANB04-0259	POINT 18	23:18 HOUR	21
T25ANB04-0260	POINT 19	23:19 HOUR	15
T25ANB04-0261	POINT 20	23:20 HOUR	14
T25ANB04-0262	POINT 21	23:21 HOUR	16
AVERAGE			18
พื้นที่วัดแสงภายในชั้น 3 - ชั้น 4			
T25ANB04-0263	POINT 1	23:22 HOUR	11
T25ANB04-0264	POINT 2	23:23 HOUR	14
T25ANB04-0265	POINT 3	23:24 HOUR	14
T25ANB04-0266	POINT 4	23:25 HOUR	16
T25ANB04-0267	POINT 5	23:26 HOUR	18
T25ANB04-0268	POINT 6	23:27 HOUR	20
T25ANB04-0269	POINT 7	23:28 HOUR	22
T25ANB04-0270	POINT 8	23:29 HOUR	19
T25ANB04-0271	POINT 9	23:30 HOUR	16
T25ANB04-0272	POINT 10	23:31 HOUR	14
T25ANB04-0273	POINT 11	23:32 HOUR	14
T25ANB04-0274	POINT 12	23:33 HOUR	15
T25ANB04-0275	POINT 13	23:34 HOUR	14
T25ANB04-0276	POINT 14	23:35 HOUR	13
T25ANB04-0277	POINT 15	23:36 HOUR	15
T25ANB04-0278	POINT 16	23:37 HOUR	16
T25ANB04-0279	POINT 17	23:38 HOUR	13
T25ANB04-0280	POINT 18	23:39 HOUR	15
T25ANB04-0281	POINT 19	23:40 HOUR	17
T25ANB04-0282	POINT 20	23:41 HOUR	14
T25ANB04-0283	POINT 21	23:42 HOUR	13
AVERAGE			15
พื้นที่วัดแสงหน้า F			
T25ANB04-0284	POINT 1	23:43 HOUR	53
T25ANB04-0285	POINT 2	23:44 HOUR	63



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ANALYSIS NO.	MEASURING SITE	TIME *	RESULT (LUX) LIGHT INTENSITY AREA MEASUREMENT
T25ANB04-0286	POINT 3	23:45 HOUR	67
T25ANB04-0287	POINT 4	23:46 HOUR	53
T25ANB04-0288	POINT 5	23:47 HOUR	50
T25ANB04-0289	POINT 6	23:48 HOUR	56
AVERAGE			57

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).