

ภาคผนวก ก

เอกสารประกอบการปฏิบัติตาม
มาตรการติดตามตรวจสอบผลกระทบสิ่งแวดล้อม

ภาคผนวก ก.1

บันทึกสถิติอุบัติเหตุ

ระหว่างเดือนมกราคม ถึงมิถุนายน พ.ศ.2567

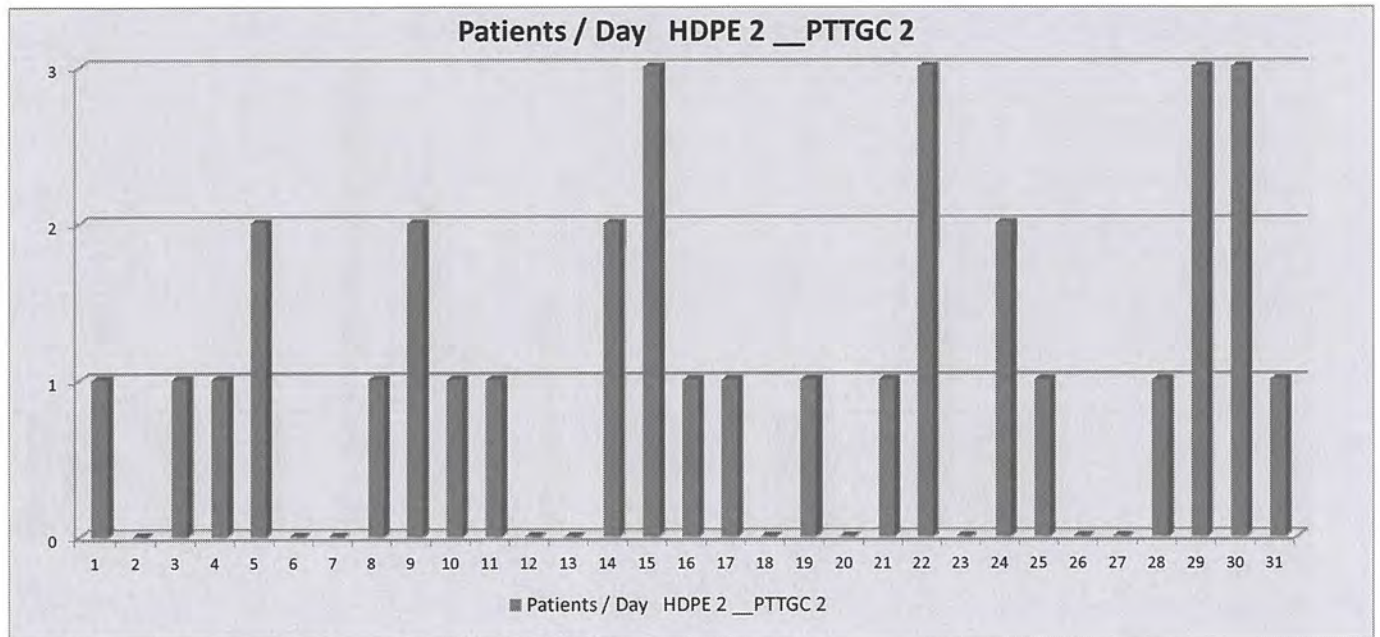
ทะเบียน Incident กลุ่มบริษัท พีทีที โกลบอล เคมิคอล จำกัด (มหาชน) พื้นที่ HDPE Plant II ประจำปี 2567

ลำดับ	วันที่เกิดเหตุ	รายละเอียดของเหตุการณ์	ชนิดของอุบัติเหตุ	หน่วยงาน
1	04-Jan-24	Z-428 ฝ้ายาง neoprene หลุด ทำให้ pellet normal size leak ออกจากช่องเปิดด้านข้าง	Property damaged	P-MN-HD2
2	14-Mar-24	รถขนส่งเบียด แบรีเออร์พลาสติก ที่ประตู G-7 ได้รับความเสียหาย	Property damaged	P-SM-PL
3	22-May-24	รถบรรทุก บ. KJ ถอยหลังชนตู้คอนเทนเนอร์ บ. STN ที่ลานจอดรถคลัง GC2	Property damaged	P-SM-PL
4				
6				
7				
8				
9				
10				
11				
12				
				รวม

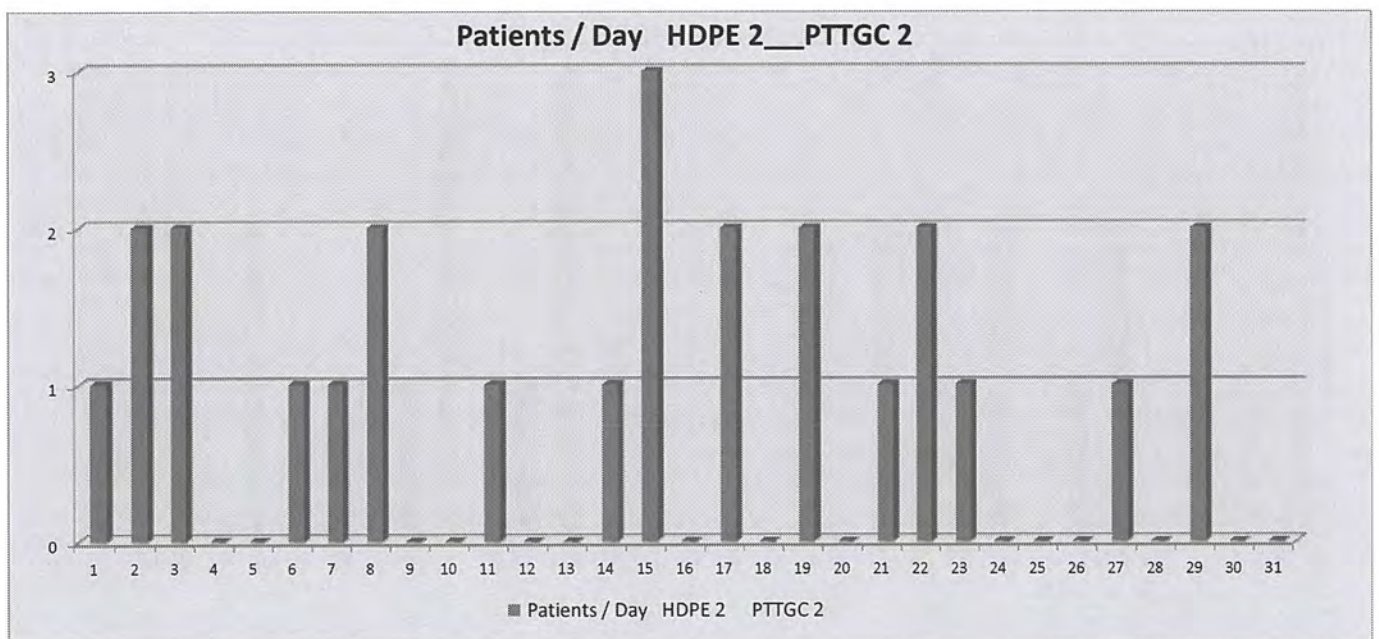
ภาคผนวก ก.2

ข้อมูลสถิติภาวะการเจ็บป่วยของพนักงาน
ระหว่างเดือนมกราคม ถึงมิถุนายน พ.ศ.2567

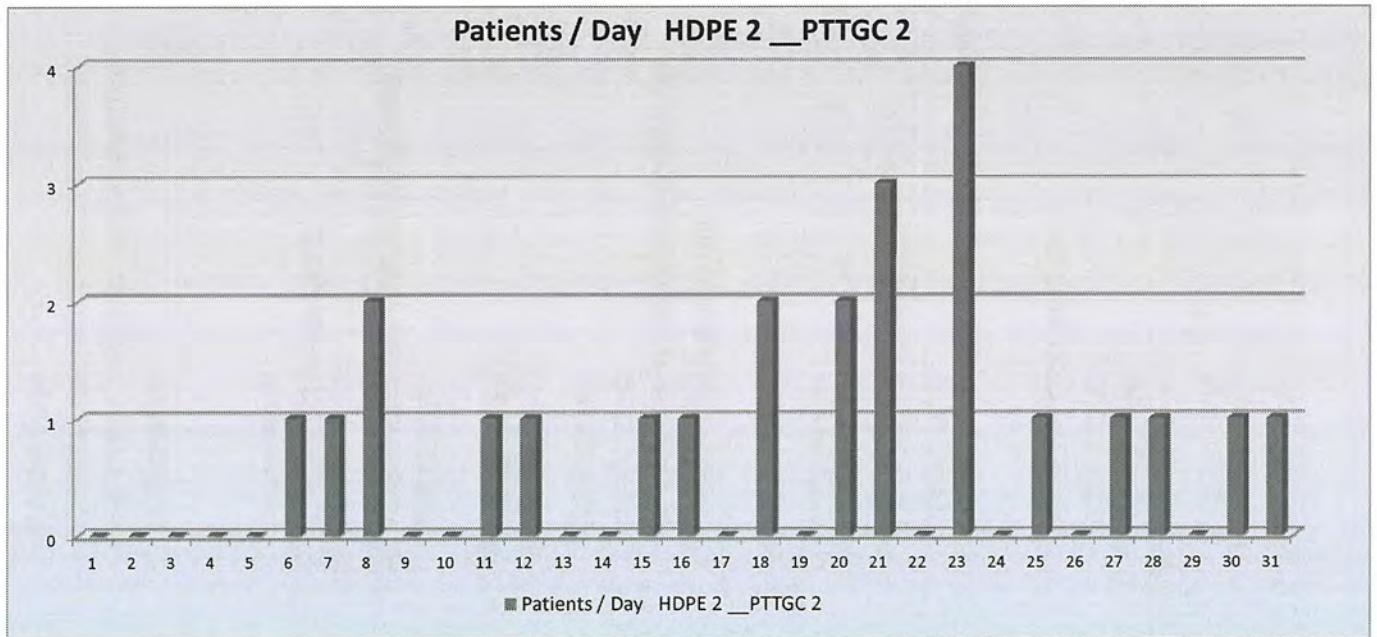
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Patients / Day HDPE 2 __PTTGC 2	1	0	1	1	2	0	0	1	2	1	1	0	0	2	3	1	1	0	1	0	1	3	0	2	1	0	0	1	3	3	1	33
Total	1	0	1	1	2	0	0	1	2	1	1	0	0	2	3	1	1	0	1	0	1	3	0	2	1	0	0	1	3	3	1	33



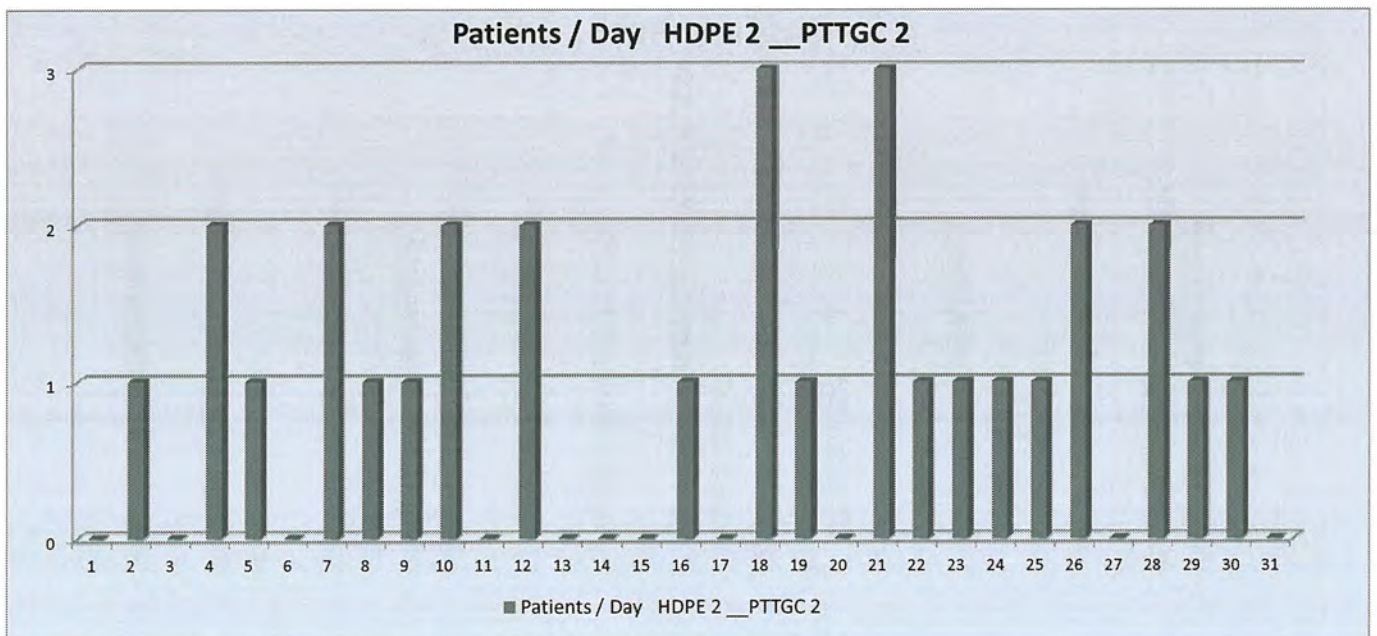
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	סה"כ
Patients / Day HDPE 2 PTTGC 2	1	2	2	0	0	1	1	2	0	0	1	0	0	1	3	0	2	0	2	0	1	2	1	0	0	0	1	0	2			25
Total	1	2	2	0	0	1	1	2	0	0	1	0	0	1	3	0	2	0	2	0	1	2	1	0	0	0	1	0	2			25



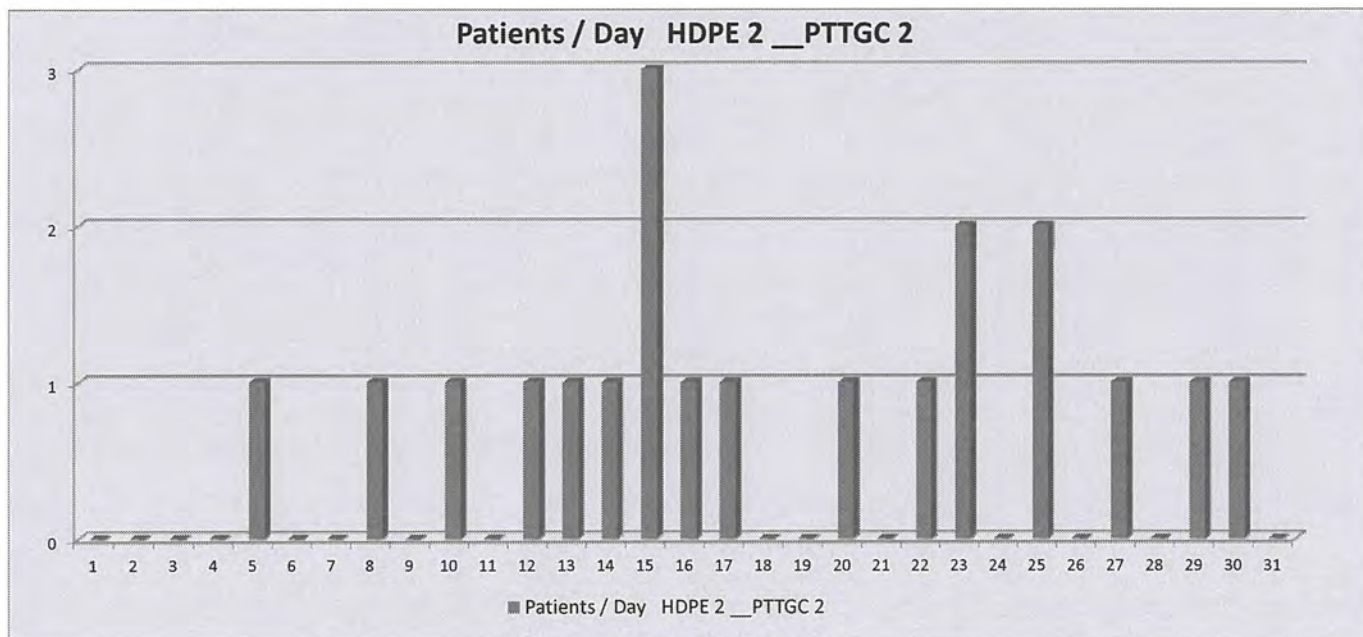
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	รวม
Patients / Day HDPE 2 __PTTGC 2	0	0	0	0	0	1	1	2	0	0	1	1	0	0	1	1	0	2	0	2	3	0	4	0	1	0	1	1	0	1	1	24
Total	0	0	0	0	0	1	1	2	0	0	1	1	0	0	1	1	0	2	0	2	3	0	4	0	1	0	1	1	0	1	1	24



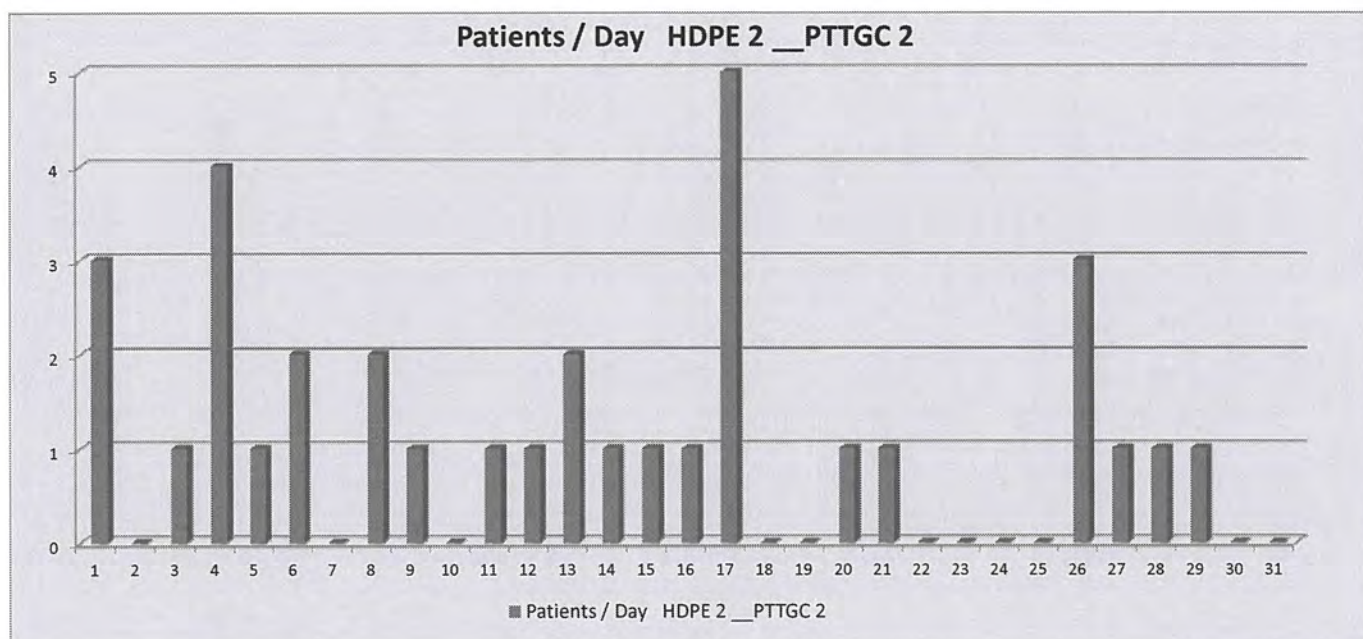
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	รวม
Patients / Day HDPE 2 __PTTGC 2	0	1	0	2	1	0	2	1	1	2	0	2	0	0	0	1	0	3	1	0	3	1	1	1	1	2	0	2	1	1	0	30
Total	0	1	0	2	1	0	2	1	1	2	0	2	0	0	0	1	0	3	1	0	3	1	1	1	1	2	0	2	1	1	0	30



Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Patients / Day HDPE 2 __PTTGC 2	0	0	0	0	1	0	0	1	0	1	0	1	1	1	3	1	1	0	0	1	0	1	2	0	2	0	1	0	1	1	0	20
Total	0	0	0	0	1	0	0	1	0	1	0	1	1	1	3	1	1	0	0	1	0	1	2	0	2	0	1	0	1	1	0	20



Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Patients / Day HDPE 2 __PTTGC 2	3	0	1	4	1	2	0	2	1	0	1	1	2	1	1	1	5	0	0	1	1	0	0	0	0	3	1	1	1	0	0	34
Total	3	0	1	4	1	2	0	2	1	0	1	1	2	1	1	1	5	0	0	1	1	0	0	0	0	3	1	1	1	0	0	34



ภาคผนวก ง

ใบรับรองผลการตรวจวิเคราะห์คุณภาพสิ่งแวดล้อม

ใบรับรองผลการตรวจวัดคุณภาพอากาศในบรรยากาศ



Meteorological Monitoring Results : Wind Rose

MTR-PTTGC (HDPE_GC2)

Location : Wat Map Chalut

Monitor period : 18-19 Apr 2024

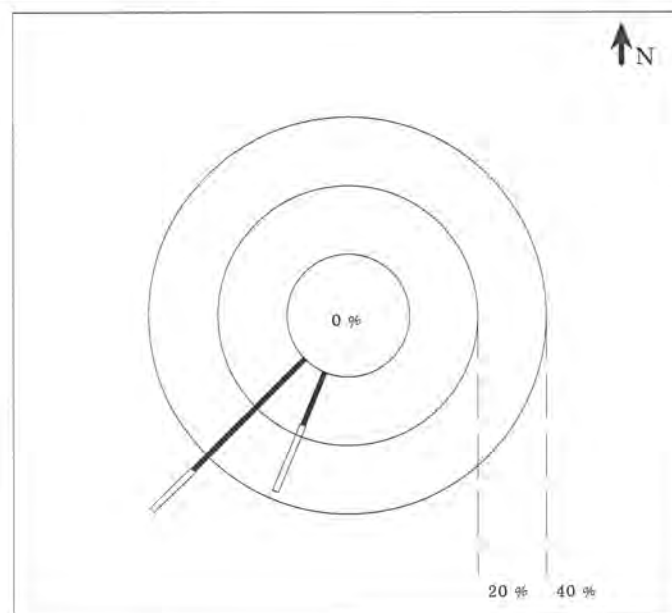
Wind Speed Model : Novalynx NL-32

Serial No : 1205

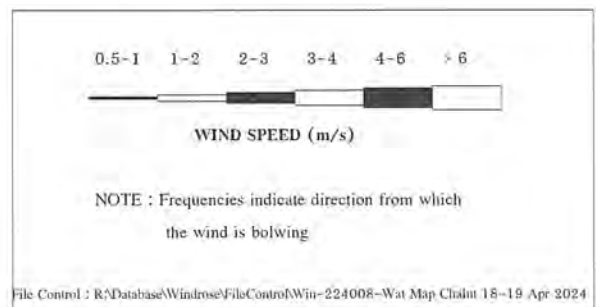
Wind Direction Model : Novalynx NL-32

Serial No : 1205

Direction	Percentage of Occurrence of Wind Direct Grouped in Various Wind Speed						Total
	0.5-1 m/s	1-2 m/s	2-3 m/s	3-4 m/s	4-6 m/s	More than 6	
N	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NNE	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NE	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
ENE	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
E	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
ESE	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
SE	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
SSE	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
S	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
SSW	0.1667	0.2083	0.0000	0.0000	0.0000	0.0000	0.3750
SW	0.4583	0.1667	0.0000	0.0000	0.0000	0.0000	0.6250
WSW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
W	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
WNW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NNW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
CALM	0.0000						



Application : WindPro Ver.1.0

Control : 16 Direction Calculation With
Calm Wind < 0.5 m/sData Unit : Direction in Deg.
Wind Speed in m/s

(Miss Katesarin Vorradetwittaya)
Environmental Scientist

(Miss Preeda Somjai)
Technical Management Team



Meteorological Monitoring Results : Wind Rose

MTR-PTTGC (HDPE_GC2)

Location : Wat Map Chalut

Monitor period : 18-19 Apr 2024

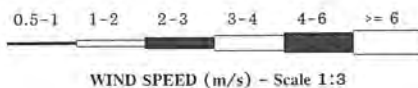
Wind Speed Model : Novalynx NL-32

Serial No : 1205

Wind Direction Model : Novalynx NL-32

Serial No : 1205

Time	18-19 Apr 2024	
	WS(m/s)	WD
09:00 - 10:00	1.6	SSW
10:00 - 11:00	1.5	SSW
11:00 - 12:00	1.0	SW
12:00 - 13:00	1.2	SSW
13:00 - 14:00	1.2	SW
14:00 - 15:00	1.3	SW
15:00 - 16:00	1.2	SW
16:00 - 17:00	1.1	SSW
17:00 - 18:00	1.0	SSW
18:00 - 19:00	0.9	SW
19:00 - 20:00	0.7	SSW
20:00 - 21:00	0.9	SSW
21:00 - 22:00	0.7	SSW
22:00 - 23:00	0.7	SW
23:00 - 24:00	0.9	SW
00:00 - 01:00	0.9	SW
01:00 - 02:00	0.8	SW
02:00 - 03:00	0.9	SW
03:00 - 04:00	0.7	SW
04:00 - 05:00	0.9	SW
05:00 - 06:00	0.9	SW
06:00 - 07:00	0.8	SW
07:00 - 08:00	0.9	SW
08:00 - 09:00	1.1	SSW
Wind Rose		



File Control :R:\Database\Windrose\FileControl\Win-224008-Wat Map Chalut 18-19 Apr 2024

(Miss Katesarin Vorradetwittaya)
Environmental Scientist

(Miss Preeda Somjai)
Technical Management Team



Meteorological Monitoring Results : Wind Rose

MTR-PTTGC (HDPE_GC2)

Location : Nurul Hidayah Mosque

Monitor period : 18-19 Apr 2024

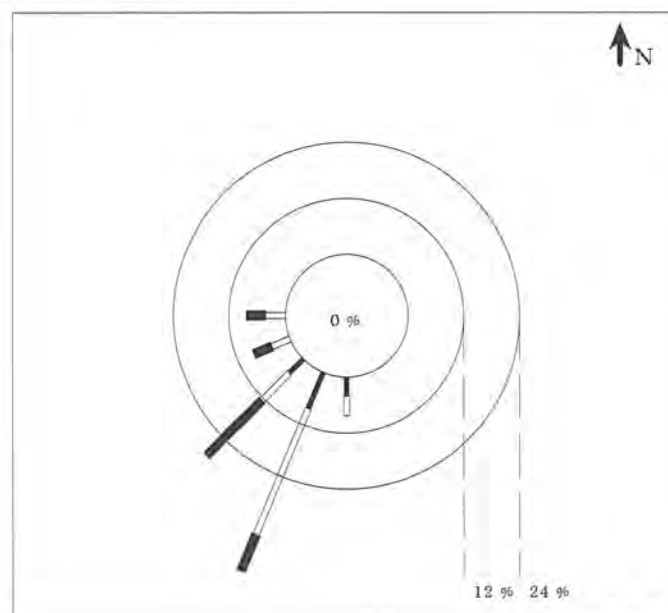
Wind Speed Model : NRG Symphonie

Serial No : 309016789

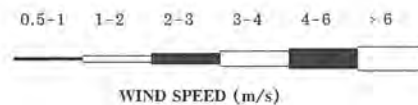
Wind Direction Model : NRG Symphonie

Serial No : 309016789

Direction	Percentage of Occurrence of Wind Direct Grouped in Various Wind Speed						Total
	0.5-1 m/s	1-2 m/s	2-3 m/s	3-4 m/s	4-6 m/s	More than 6	
N	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NNE	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NE	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
ENE	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
E	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
ESE	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
SE	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
SSE	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
S	0.0417	0.0417	0.0000	0.0000	0.0000	0.0000	0.0833
SSW	0.0833	0.2917	0.0833	0.0000	0.0000	0.0000	0.4583
SW	0.0417	0.0833	0.1667	0.0000	0.0000	0.0000	0.2917
WSW	0.0000	0.0417	0.0417	0.0000	0.0000	0.0000	0.0833
W	0.0000	0.0417	0.0417	0.0000	0.0000	0.0000	0.0833
WNW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NNW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
CALM	0.0000						



Application : WindPro Ver.1.0

Control : 16 Direction Calculation With
Calm Wind < 0.5 m/sData Unit : Direction in Deg.
Wind Speed in m/sNOTE : Frequencies indicate direction from which
the wind is blowing

File Control : R:\Database\Windrose\FileControl\Win-224008-Nurul Hidayah Mosque 18-19 Apr 2024

(Miss Katesarin Vorradetwittaya)
Environmental Scientist

(Miss Preeda Somjai)
Technical Management Team



Meteorological Monitoring Results : Wind Rose

MTR-PTTGC (HDPE_GC2)

Location : Nurul Hidayah Mosque

Monitor period : 18-19 Apr 2024

Wind Speed Model : NRG Symphonie

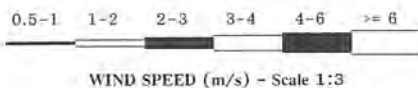
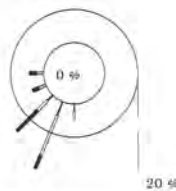
Serial No : 309016789

Wind Direction Model : NRG Symphonie

Serial No : 309016789

Time	18-19 Apr 2024	
	WS(m/s)	WD
11:00 - 12:00	2.2	SW
12:00 - 13:00	2.2	WSW
13:00 - 14:00	2.8	SW
14:00 - 15:00	2.1	SSW
15:00 - 16:00	2.2	W
16:00 - 17:00	2.0	SW
17:00 - 18:00	1.7	SSW
18:00 - 19:00	0.9	SSW
19:00 - 20:00	0.9	SW
20:00 - 21:00	1.0	SSW
21:00 - 22:00	0.9	S
22:00 - 23:00	1.2	SSW
23:00 - 24:00	1.2	SSW
00:00 - 01:00	1.1	SW
01:00 - 02:00	1.5	WSW
02:00 - 03:00	1.0	SSW
03:00 - 04:00	1.5	SW
04:00 - 05:00	1.0	S
05:00 - 06:00	0.8	SSW
06:00 - 07:00	1.6	W
07:00 - 08:00	1.9	SSW
08:00 - 09:00	2.6	SW
09:00 - 10:00	2.2	SSW
10:00 - 11:00	1.9	SSW

Wind Rose



File Control :R:\Database\Windrose\FileControl\Win-224008-Nurul Hidayah Mosque 18-19 Apr 2024

(Miss Katesarin Vorradetwittaya)
Environmental Scientist

(Miss Preeda Somjai)
Technical Management Team



บริษัท ซีคอต จำกัด
SECOT CO., LTD.

239 ถนนริมคลองประปา แขวงบางซื่อ เขตบางซื่อ กรุงเทพมหานคร 10800
239 RIMKLONGPRAPA ROAD, BANGSUE, BANGKOK 10800, THAILAND

TEL. (662) 959-3600 FAX (662) 959-3535 Website : secot.co.th E-mail : envserv@secot.co.th

AMBIENT AIR QUALITY ANALYSIS REPORT

CLIENT NAME	: PTT Global Chemical Public Co., Ltd (HDPE_GC2)	REQUEST SERVICE No.	: 0753/67
SAMPLING BY	: SECOT Co., Ltd .	SAMPLING METHOD	: Subatmospheric Pressure Sampling
SAMPLING DATE	: 18-19/04/2024	ANALYTICAL DATE	: 22/04/2024
SAMPLING TIME	: 11:30-10:44, 11:55-11:07	SAMPLE CONDITION	: Normal
RECEIVED DATE	: 20/04/2024	FILE CODE	: 224008_TO-15_April
REPORT DATE	: 25/04/2024		

Compound	Non Detectable		SAMPLING LOCATION				STANDARD ($\mu\text{g}/\text{m}^3$)
			วัดมาบชลด		มัสยิดนูรุลอิสลาม		
	ppbv	$\mu\text{g}/\text{m}^3$	ppbv	$\mu\text{g}/\text{m}^3$	ppbv	$\mu\text{g}/\text{m}^3$	
Hexane	0.04	0.14	ND	ND	0.48	1.69	-

Methods for the Determination of Toxic Organic Compound in Ambient Air, 2nd : EPA Methods TO-15,1999

Siriwan Chimsa-nga
(Miss Siriwan Chimsa-nga)

Analyst

Araya Tipparuk
(Mrs. Araya Tipparuk)

Technical Management Team

Remark : 1. Reported analysis refers to submitted sample only.

2. This report shall not be reproduce, except in full, without official approval.

3. - No standard.

ใบรับรองผลการตรวจวัดระดับเสียงโดยทั่วไป



Noise Monitoring Result : Community Noise

MTR-PTTGC (HDPE_GC2)

Location : North Fence of Project Site

Monitor Period : 17-24 Apr 2024

SLM Model : Cirrus CR162B

Serial No : G302237

Site Operator : Mr. Siwanon Kulawong

Calibrator Model : Cirrus CR:515

Serial No : 97097

Calibration Ref dB(A) : 94.0

Certified Date : 04 Sep 2023

SLM Reading / Adjust dB(A) : 92.2/1.5

Expire Date : 03 Sep 2024

Cal Sheet No.: CR-515-2024-103

Time	Equivalent Sound Pressure Level (dB(A))						
	17-18 Apr 2024	18-19 Apr 2024	19-20 Apr 2024	20-21 Apr 2024	21-22 Apr 2024	22-23 Apr 2024	23-24 Apr 2024
16:00 - 17:00	67.7	67.7	67.3	67.0	66.6	67.2	67.3
17:00 - 18:00	67.9	68.2	67.7	67.4	67.3	68.2	67.9
18:00 - 19:00	68.1	68.3	67.8	67.9	67.2	68.3	68.4
19:00 - 20:00	67.8	68.3	67.6	67.8	67.6	67.9	68.3
20:00 - 21:00	67.8	68.0	67.4	67.4	67.3	67.3	67.8
21:00 - 22:00	67.7	67.9	67.2	67.3	67.3	67.1	67.7
22:00 - 23:00	67.3	67.6	67.0	66.8	66.8	66.8	67.2
23:00 - 00:00	67.3	67.5	66.9	66.7	67.1	66.5	66.9
00:00 - 01:00	67.3	67.4	66.8	66.5	66.7	66.4	66.7
01:00 - 02:00	67.2	67.3	66.8	66.4	66.4	66.5	66.6
02:00 - 03:00	67.1	67.3	66.8	66.4	66.5	66.4	66.6
03:00 - 04:00	67.2	67.2	66.7	66.4	66.5	66.3	66.8
04:00 - 05:00	67.1	67.2	66.7	66.6	66.3	66.2	66.6
05:00 - 06:00	67.2	67.3	67.1	66.4	66.2	66.4	66.7
06:00 - 07:00	67.4	67.6	68.2	66.7	66.6	66.7	67.3
07:00 - 08:00	69.0	69.0	68.4	67.8	68.2	68.7	68.8
08:00 - 09:00	68.7	69.0	67.7	68.1	68.5	68.6	69.1
09:00 - 10:00	68.4	68.0	67.5	67.7	68.2	68.2	68.0
10:00 - 11:00	68.0	67.9	67.9	67.1	67.5	67.6	67.6
11:00 - 12:00	67.9	67.1	68.2	67.0	67.7	67.7	67.4
12:00 - 13:00	68.0	66.8	67.7	66.9	67.3	67.5	67.8
13:00 - 14:00	67.4	66.6	67.0	66.4	67.0	67.4	67.4
14:00 - 15:00	67.5	66.8	67.1	66.1	67.0	67.3	67.4
15:00 - 16:00	67.4	67.3	67.4	66.6	67.3	67.3	68.1
Leq(24)*	67.7	67.7	67.4	67.0	67.2	67.3	67.6
Ldn	73.8	73.9	73.5	73.1	73.1	73.1	73.4
Lmax **	86.2	89.3	87.5	89.9	88.9	90.1	90.6
Standard-24Hr	70 dB(A)						
Standard-Max	115 dB(A)						

Remark : * Average time between 16:00-16:00

** Maximum Sound Pressure Level between 16:00-16:00

(Miss Katesarin Vorradetwittaya)
Environmental Scientist

(Miss Preeda Somjai)
Technical Management Team



Noise Monitoring Result : Background Noise MTR-PTTGC (HDPE_GC2)

Location : North Fence of Project Site

Monitor Period : 17-24 Apr 2024

SLM Model : Cirrus CR162B

Serial No : G302237

Site Operator : Mr. Siwanon Kulawong

Calibrator Model : Cirrus CR:515

Serial No : 97097

Calibration Ref dB(A) : 94.0

Certified Date : 04 Sep 2023

SLM Reading / Adjust dB(A) : 92.2/1.5

Expire Date : 03 Sep 2024

Cal Sheet No.: CR-515-2024-103

Time	L90 (dB(A))						
	17-18 Apr 2024	18-19 Apr 2024	19-20 Apr 2024	20-21 Apr 2024	21-22 Apr 2024	22-23 Apr 2024	23-24 Apr 2024
16:00 - 17:00	66.3	66.4	66.2	65.6	64.9	65.4	65.8
17:00 - 18:00	66.4	66.7	66.4	65.8	65.5	65.7	66.0
18:00 - 19:00	66.6	66.7	66.6	65.9	65.6	66.1	66.3
19:00 - 20:00	66.5	66.7	66.4	66.1	65.8	66.0	66.3
20:00 - 21:00	66.5	66.9	66.5	65.9	66.0	65.8	66.1
21:00 - 22:00	66.7	66.7	66.4	65.9	65.9	65.7	66.4
22:00 - 23:00	66.6	66.8	66.4	66.1	65.7	65.8	66.3
23:00 - 00:00	66.7	66.8	66.4	65.9	65.9	65.6	66.2
00:00 - 01:00	66.7	66.8	66.4	65.9	65.8	65.5	66.0
01:00 - 02:00	66.6	66.8	66.3	65.9	65.8	65.6	66.0
02:00 - 03:00	66.5	66.8	66.3	65.8	65.7	65.7	66.0
03:00 - 04:00	66.6	66.8	66.2	65.8	65.5	65.7	66.1
04:00 - 05:00	66.5	66.7	66.2	65.9	65.5	65.6	66.0
05:00 - 06:00	66.5	66.7	66.3	65.8	65.5	65.7	66.0
06:00 - 07:00	66.6	66.8	66.9	65.9	65.5	65.8	66.2
07:00 - 08:00	67.2	67.1	66.8	66.0	66.0	66.3	66.7
08:00 - 09:00	66.9	66.5	66.2	66.2	66.0	66.4	66.7
09:00 - 10:00	66.6	65.9	66.0	65.7	65.7	66.0	66.0
10:00 - 11:00	66.5	65.9	66.3	65.0	65.5	65.7	65.8
11:00 - 12:00	66.6	65.9	67.0	65.4	65.4	65.7	65.7
12:00 - 13:00	66.4	65.7	65.8	65.2	65.4	65.7	65.8
13:00 - 14:00	66.2	65.6	65.7	64.7	65.4	65.8	65.6
14:00 - 15:00	66.1	65.7	65.5	64.6	65.4	65.7	65.7
15:00 - 16:00	66.2	66.0	65.6	64.9	65.4	65.8	65.7
L90(avg)*	66.5	66.5	66.3	65.7	65.6	65.8	66.1

Remark : * Average time between 16:00-16:00

(Miss Katesarin Vorradetwittaya)
Environmental Scientist

Preeda S.
(Miss Preeda Somjai)
Technical Management Team



Noise Monitoring Result : Community Noise MTR-PTTGC (HDPE_GC2)

Location : East Fence of Project Site

Monitor Period : 17-24 Apr 2024

SLM Model : Cirrus CR162B

Serial No : G300769

Site Operator : Mr. Siwanon Kulawong

Calibrator Model : Cirrus CR:515

Serial No : 97097

Calibration Ref dB(A) : 94.0

Certified Date : 04 Sep 2023

SLM Reading / Adjust dB(A) : 92.7/1.0

Expire Date : 03 Sep 2024

Cal Sheet No.: CR-515-2024-103

Time	Equivalent Sound Pressure Level (dB(A))						
	17-18 Apr 2024	18-19 Apr 2024	19-20 Apr 2024	20-21 Apr 2024	21-22 Apr 2024	22-23 Apr 2024	23-24 Apr 2024
16:00 - 17:00	68.9	68.9	68.9	68.5	68.5	68.9	69.1
17:00 - 18:00	68.8	69.2	68.9	68.5	68.8	68.9	69.1
18:00 - 19:00	68.9	69.1	69.0	68.8	68.9	69.1	69.3
19:00 - 20:00	69.0	69.0	68.9	69.0	68.9	69.0	69.4
20:00 - 21:00	69.1	69.3	69.1	69.2	69.1	69.1	69.5
21:00 - 22:00	69.2	69.3	69.3	69.2	69.1	69.1	69.6
22:00 - 23:00	69.3	69.3	69.3	69.2	69.2	69.2	69.5
23:00 - 00:00	69.3	69.2	69.5	69.2	69.2	69.2	69.6
00:00 - 01:00	69.3	69.3	69.5	69.2	69.2	69.4	69.6
01:00 - 02:00	69.3	69.3	69.4	69.0	69.4	69.3	69.6
02:00 - 03:00	69.2	69.3	69.3	69.3	69.6	69.3	69.8
03:00 - 04:00	69.2	69.3	69.5	69.3	69.3	69.4	69.7
04:00 - 05:00	69.2	69.3	69.6	69.3	69.2	69.4	69.6
05:00 - 06:00	69.1	69.3	69.3	69.3	69.3	69.4	69.5
06:00 - 07:00	69.1	69.2	69.1	69.3	69.4	69.4	69.5
07:00 - 08:00	69.1	69.3	69.3	69.3	69.4	69.4	69.6
08:00 - 09:00	69.1	69.2	69.3	69.2	69.1	69.2	69.3
09:00 - 10:00	69.2	69.3	69.1	69.1	69.0	69.1	69.2
10:00 - 11:00	69.2	69.1	69.4	68.9	69.0	69.1	69.0
11:00 - 12:00	68.8	68.9	68.9	68.4	68.8	69.2	69.0
12:00 - 13:00	68.8	68.8	68.9	68.4	68.7	69.1	69.0
13:00 - 14:00	68.9	68.7	68.6	68.3	68.6	69.1	68.8
14:00 - 15:00	68.7	68.8	68.4	68.3	68.6	69.0	68.6
15:00 - 16:00	68.6	68.9	68.3	68.4	69.3	69.0	69.0
Leq(24)*	69.1	69.1	69.1	69.0	69.1	69.2	69.3
Ldn	75.6	75.7	75.7	75.6	75.7	75.7	76.0
Lmax**	74.2	75.5	76.6	75.8	81.4	77.7	82.4
Standard-24Hr	70 dB(A)						
Standard-Max	115 dB(A)						

Remark : * Average time between 16:00-16:00

** Maximum Sound Pressure Level between 16:00-16:00

(Miss Katesarin Vorradetwittaya)
Environmental Scientist

(Miss Preeda Somjai)
Technical Management Team



Noise Monitoring Result : Background Noise MTR-PTTGC (HDPE_GC2)

Location : East Fence of Project Site

Monitor Period : 17-24 Apr 2024

SLM Model : Cirrus CR162B

Serial No : G300769

Site Operator : Mr. Siwanon Kulawong

Calibrator Model : Cirrus CR:515

Serial No : 97097

Calibration Ref dB(A) : 94.0

Certified Date : 04 Sep 2023

SLM Reading / Adjust dB(A) : 92.7/1.0

Expire Date : 03 Sep 2024

Cal Sheet No.: CR-515-2024-103

Time	L90 (dB(A))						
	17-18 Apr 2024	18-19 Apr 2024	19-20 Apr 2024	20-21 Apr 2024	21-22 Apr 2024	22-23 Apr 2024	23-24 Apr 2024
16:00 - 17:00	68.6	68.5	68.6	68.2	68.2	68.6	68.7
17:00 - 18:00	68.5	68.8	68.7	68.3	68.5	68.6	68.8
18:00 - 19:00	68.6	68.8	68.7	68.5	68.6	68.8	69.0
19:00 - 20:00	68.7	68.7	68.7	68.7	68.7	68.8	69.1
20:00 - 21:00	68.8	69.1	68.9	68.9	68.8	68.9	69.3
21:00 - 22:00	69.0	69.1	69.1	68.9	68.9	68.9	69.3
22:00 - 23:00	69.0	69.0	69.1	68.9	69.0	69.0	69.3
23:00 - 00:00	69.0	68.9	69.3	69.0	69.0	69.0	69.3
00:00 - 01:00	69.1	69.0	69.3	68.9	69.0	69.1	69.3
01:00 - 02:00	69.0	69.0	69.2	68.8	69.1	69.1	69.3
02:00 - 03:00	68.9	69.1	69.0	69.1	69.3	69.1	69.6
03:00 - 04:00	68.9	69.1	69.2	69.1	69.1	69.1	69.5
04:00 - 05:00	68.9	69.1	69.3	69.0	69.0	69.1	69.3
05:00 - 06:00	68.9	69.0	69.0	69.1	69.1	69.2	69.3
06:00 - 07:00	68.8	69.0	68.9	69.0	69.2	69.2	69.3
07:00 - 08:00	68.9	69.1	69.1	69.1	69.1	69.2	69.3
08:00 - 09:00	68.9	69.0	69.0	69.0	68.9	68.9	69.1
09:00 - 10:00	68.7	69.0	68.9	68.7	68.7	68.8	68.9
10:00 - 11:00	68.8	68.8	68.8	68.6	68.5	68.8	68.8
11:00 - 12:00	68.5	68.6	68.6	68.1	68.5	68.9	68.7
12:00 - 13:00	68.5	68.5	68.6	68.1	68.4	68.8	68.7
13:00 - 14:00	68.5	68.4	68.3	68.1	68.3	68.8	68.5
14:00 - 15:00	68.3	68.4	68.1	68.0	68.3	68.7	68.3
15:00 - 16:00	68.3	68.6	68.0	68.1	68.6	68.6	68.2
L90(avg)*	68.8	68.9	68.9	68.7	68.8	68.9	69.1

Remark : * Average time between 16:00-16:00

(Miss Katesarin Vorradetwittaya)
Environmental Scientist

(Miss Preeda Somjai)
Technical Management Team

ใบรับรองผลการตรวจวัดคุณภาพน้ำทิ้ง



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WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: PTT Global Chemical Public Co., Ltd (HDPE_GC2)	REQUEST SERVICE No.	: 0026/67
SAMPLING BY	: SECOT Co., Ltd.	SAMPLING METHOD	: Grab
SAMPLING DATE	: 08/01/2024	SAMPLING TIME	: 13:58
RECEIVED DATE	: 09/01/2024	ANALYTICAL DATE	: 09-15/01/2024
REPORT DATE	: 16/01/2024	SITE OPERATOR	: Miss Mareeyanee Hawae
SAMPLE CONDITION	: Normal	FILE CODE	: 224008_WW_January

PARAMETER	UNIT	ANALYSIS METHODS	ND (non-detectable)	STATION	STANDARD ^{1/}
				ถังตรวจสอบคุณภาพน้ำเสียที่ ผ่านการบำบัดขั้นต้น	
Temperature	°C	2550 B	< 0.5	38.5	≤ 40
pH	-	4500-H ⁺ B	< 0.10	7.46	6.0 - 8.0
Total Dissolved Solids	mg/l	2540 C	< 50	4,964	≤ 20,000
Total Suspended Solids	mg/l	2540 D	< 5	28	≤ 300
Fat Oil & Grease	mg/l	5520 B	< 0.50	ND	≤ 25
BOD ₅	mg/l	5210 B	< 1.0	< 1.0	≤ 50
COD	mg/l	5220 C	< 15.00	< 15.00	≤ 200

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 21st ED., 2017 (AWWA, APHA, WEF)

(Miss Khemchuda Insorn)

Analyst

REG. NO. 7-239-ท-0005

(Mrs. Araya Tipparuk)

Technical Management Team

REG. NO. 7-239-ท-0004

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 3. ^{1/} The Assigned Value in Environmental Impact Assessment Report , Polyethylene Product Project of PTT Global Chemical Public Co.,Ltd, Branch 2.
 4. - Not available.



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WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: PTT Global Chemical Public Co., Ltd (HDPE_GC2)	REQUEST SERVICE No.	: 0210/67
SAMPLING BY	: SECOT Co., Ltd.	SAMPLING METHOD	: Grab
SAMPLING DATE	: 05/02/2024	SAMPLING TIME	: 14:06
RECEIVED DATE	: 06/02/2024	ANALYTICAL DATE	: 06-13/02/2024
REPORT DATE	: 14/02/2024	SITE OPERATOR	: Miss Salisa Ainree
SAMPLE CONDITION	: Normal	FILE CODE	: 224008_WW_February

PARAMETER	UNIT	ANALYSIS METHODS	ND (non-detectable)	STATION	STANDARD ^{1/}
				ถังตรวจสอบคุณภาพน้ำเสียที่ ผ่านการบำบัดขั้นต้น	
Temperature	°C	2550 B	< 0.5	36.3	≤ 40
pH	-	4500-H ⁺ B	< 0.10	7.62	6.0 - 8.0
Total Dissolved Solids	mg/l	2540 C	< 50	7,764	≤ 20,000
Total Suspended Solids	mg/l	2540 D	< 5	< 5	≤ 300
Fat Oil & Grease	mg/l	5520 B	< 0.50	ND	≤ 25
BOD ₅	mg/l	5210 B	< 1.0	4.6	≤ 50
COD	mg/l	5220 C	< 15.00	< 15.00	≤ 200

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 23rd ED., 2017 (AWWA, APHA, WEF)

(Miss Khemchuda Insorn)

Analyst

REG. NO. ๖-239-ค-0005

(Mrs. Araya Tipparuk)

Technical Management Team

REG. NO. ๖-239-ค-0004

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 4. - Not available.



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WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: PTT Global Chemical Public Co., Ltd (HDPE_GC2)	REQUEST SERVICE No.	: 0461/67
SAMPLING BY	: SECOT Co., Ltd.	SAMPLING METHOD	: Grab
SAMPLING DATE	: 11/03/2024	SAMPLING TIME	: 13:51
RECEIVED DATE	: 12/03/2024	ANALYTICAL DATE	: 12-18/03/2024
REPORT DATE	: 18/03/2024	SITE OPERATOR	: Miss Wiraya Patchimboon
SAMPLE CONDITION	: Normal	FILE CODE	: 224008_WW_March

PARAMETER	UNIT	ANALYSIS METHODS	ND (non-detectable)	STATION	STANDARD ^u
				ตรวจสอบคุณภาพน้ำเสียที่ ผ่านการบำบัดขั้นต้น	
Temperature	°C	2550 B	< 0.5 ^v	38.7	≤ 40
pH	-	4500-H ⁺ B	< 0.10	7.18	6.0 - 8.0
Total Dissolved Solids	mg/l	2540 C	< 50	4,900	≤ 20,000
Total Suspended Solids	mg/l	2540 D	< 5	6	≤ 300
Fat Oil & Grease	mg/l	5520 B	< 0.50	ND	≤ 25
BOD ₅	mg/l	5210 B	< 1.0	2.7	≤ 50
COD	mg/l	5220 C	< 15.00	< 15.00	≤ 200

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 23rd ED. 2017 (AWWA, APHA, WEF)

(Miss Khemchuda Insorn)

Analyst

REG. NO. ๖-239-ก-0005

(Mrs. Araya Tipparuk)

Technical Management Team

REG. NO. ๖-239-ก-0004

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 4. - Not available.



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WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: PTT Global Chemical Public Co., Ltd (HDPE_GC2)	REQUEST SERVICE No.	: 0703/67
SAMPLING BY	: SECOT Co., Ltd.	SAMPLING METHOD	: Grab
SAMPLING DATE	: 08/04/2024	SAMPLING TIME	: 09:25
RECEIVED DATE	: 09/04/2024	ANALYTICAL DATE	: 09-17/04/2024
REPORT DATE	: 18/04/2024	SITE OPERATOR	: Mr. Watcharakan Pramakhate
SAMPLE CONDITION	: Normal	FILE CODE	: 224008_WW_April

PARAMETER	UNIT	ANALYSIS METHODS	ND (non-detectable)	STATION	STANDARD ^{1/}
				ตั้งตรวจสอบคุณภาพน้ำเสียที่ ผ่านการบำบัดขั้นต้น	
Temperature	°C	2550 B	< 0.5	38.9	≤ 40
pH	-	4500-H ⁺ B	< 0.10	7.26	6.0 - 8.0
Total Dissolved Solids	mg/l	2540 C	< 50	6,472	≤ 20,000
Total Suspended Solids	mg/l	2540 D	< 5	7	≤ 300
Fat Oil & Grease	mg/l	5520 B	< 0.50	ND	≤ 25
BOD ₅	mg/l	5210 B	< 1.0	3.0	≤ 50
COD	mg/l	5220 C	< 15.00	22.08	≤ 200

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 23rd ED., 2017 (AWWA, APHA, WEF)

(Miss Khemchuda Insorn)

Analyst

REG. NO. ๖-239-ก-0005

(Mrs. Araya Tipparuk)

Technical Management Team

REG. NO. ๖-239-ก-0004

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 4. - Not available.



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WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: PTT Global Chemical Public Co., Ltd (HDPE_GC2)	REQUEST SERVICE No.	: 0894/67
SAMPLING BY	: SECOT Co., Ltd.	SAMPLING METHOD	: Grab
SAMPLING DATE	: 08/05/2024	SAMPLING TIME	: 15:23
RECEIVED DATE	: 09/05/2024	ANALYTICAL DATE	: 09-16/05/2024
REPORT DATE	: 17/05/2024	SITE OPERATOR	: Miss Salisa Ainree
SAMPLE CONDITION	: Normal	FILE CODE	: 224008_WW_May

PARAMETER	UNIT	ANALYSIS METHODS	ND (non-detectable)	STATION	STANDARD ^{1/}
				ถังตรวจสอบคุณภาพน้ำเสียที่ ผ่านการบำบัดขั้นต้น	
Temperature	°C	2550 B	< 0.5	38.5	≤ 40
pH	-	4500-H B	< 0.10	7.06	6.0 - 8.0
Total Dissolved Solids	mg/l	2540 C	< 50	3,784	≤ 20,000
Total Suspended Solids	mg/l	2540 D	< 5	5	≤ 300
Fat Oil & Grease	mg/l	5520 B	< 0.50	ND	≤ 25
BOD ₅	mg/l	5210 B	< 1.0	< 1.0	≤ 50
COD	mg/l	5220 C	< 15.00	< 15.00	≤ 200

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 23rd ED, 2017 (AWWA, APHA, WEF)



(Miss Khemchuda Insorn)

Analyst

REG. NO. ๖-239-๓-0005



(Mrs. Araya Tipparuk)

Technical Management Team

REG. NO. ๖-239-๓-0004

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 4. - Not available.



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WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: PTT Global Chemical Public Co., Ltd (HDPE_GC2)	REQUEST SERVICE No.	: 1181/67
SAMPLING BY	: SECOT Co., Ltd.	SAMPLING METHOD	: Grab
SAMPLING DATE	: 10/06/2024	SAMPLING TIME	: 13:39
RECEIVED DATE	: 11/06/2024	ANALYTICAL DATE	: 11-17/06/2024
REPORT DATE	: 18/06/2024	SITE OPERATOR	: Miss Salisa Ainree
SAMPLE CONDITION	: Normal	FILE CODE	: 224008_WW_June

PARAMETER	UNIT	ANALYSIS METHODS	ND (non-detectable)	STATION	STANDARD ^{1/}
				ถังตรวจสอบคุณภาพน้ำเสียที่ ผ่านการบำบัดขั้นต้น	
Temperature	°C	2550 B	< 0.5	39.6	≤ 40
pH	-	4500-H B	< 0.10	7.75	6.0 - 8.0
Total Dissolved Solids	mg/l	2540 C	< 50	3,064	≤ 20,000
Total Suspended Solids	mg/l	2540 D	< 5	60	≤ 300
Fat Oil & Grease	mg/l	5520 B	< 0.50	ND	≤ 25
BOD ₅	mg/l	5210 B	< 1.0	1.4	≤ 50
COD	mg/l	5220 C	< 15.00	< 15.00	≤ 200

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 23rd ED., 2017 (AWWA, APHA, WEF)

(Miss Khemchuda Insorn)

Analyst

REG. NO. ๖-239-ก-0005

(Mrs. Araya Tipparuk)

Technical Management Team

REG. NO. ๖-239-ก-0004

Remark : 1. Reported analysis refers to submitted sample only.

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3. ^{1/} The Assigned Value in Environmental Impact Assessment Report , Polyethylene Product Project
of PTT Global Chemical Public Co.,Ltd, Branch 2.

4. - Not available.

ใบรับรองผลการตรวจวัดคุณภาพน้ำใต้ดิน



บริษัท ซีคอต จำกัด
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239 RIMKLONGPRAPA ROAD, BANGSUE, BANGKOK 10800, THAILAND

TEL. (662) 959-3600 FAX (662) 959-3535 Website : secot.co.th E-mail : envserv@secot.co.th

GROUND WATER ANALYSIS REPORT

CLIENT NAME	: PTT Global Chemical Public Co., Ltd (HDPE_GC2)	REQUEST SERVICE No.	: 0934/67
SAMPLING BY	: SECOT Co., Ltd.	SAMPLING METHOD	: Pneumatic Bladder Pump
SAMPLING DATE	: 14/05/2024	SAMPLING TIME	: 11:01-11:14
RECEIVED DATE	: 15/05/2024	ANALYTICAL DATE	: 18/05/2024
REPORT DATE	: 21/05/2024	SITE OPERATOR	: Mr. Jeerawat Khothamhan
SAMPLE CONDITION	: Normal	FILE CODE	: 224006_GW_May

PARAMETER	UNIT	ANALYSIS METHODS	ND (non-detectable)	STATION	STANDARD ^{1/}
				บ่อสังเกตการณ์น้ำใต้ดิน ต้นน้ำบริเวณทิศเหนือ ของโรงงาน GC2(I-1,MW-04)	
n-Hexane	mg/l	6200 B	< 0.0005	ND	≤ 11

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 23rd ED. 2017 (AWWA,APHA, WEF)

Jutarat Jaemruen

(Miss Jutarat Jaemruen)

Analyst

REG. NO. ๗-239-๓-0022

Araya Tipparuk

(Mrs. Araya Tipparuk)

Technical Management Team

REG. NO. ๗-239-๓-0004

Remark : 1. Reported analysis refers to submitted sample only.

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3. ^{1/} Notification of the Ministry of Industry, B.E.2559 (2016).



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GROUND WATER ANALYSIS REPORT

CLIENT NAME	: PTT Global Chemical Public Co., Ltd (HDPE_GC2)	REQUEST SERVICE No.	: 0934/67
SAMPLING BY	: SECOT Co., Ltd.	SAMPLING METHOD	: Pneumatic Bladder Pump
SAMPLING DATE	: 14/05/2024	SAMPLING TIME	: 10:11-10:24
RECEIVED DATE	: 15/05/2024	ANALYTICAL DATE	: 18/05/2024
REPORT DATE	: 21/05/2024	SITE OPERATOR	: Mr. Jeerawat Khothamhan
SAMPLE CONDITION	: Normal	FILE CODE	: 224006_GW_May

PARAMETER	UNIT	ANALYSIS METHODS	ND (non-detectable)	STATION	STANDARD ^{1/}
				บ่อสังเกตการณ์น้ำใต้ดิน ท้ายน้ำของโรงผลิต สารโอเลฟินส์โรงที่ 1/2(I-1,MW-02)	
n-Hexane	mg/l	6200 B	< 0.0005	ND	≤ 11

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 21st ED. 2017 (AWWA,APHA, WEF)

Jutarat Jaemruen

(Miss Jutarat Jaemruen)

Analyst

REG. NO. ๖-239-๖-0022

Araya Tipparuk

(Mrs. Araya Tipparuk)

Technical Management Team

REG. NO. ๖-239-ก-0004

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TEL. (662) 959-3600 FAX (662) 959-3535 Website : secot.co.th E-mail : envserv@secot.co.th

GROUND WATER ANALYSIS REPORT

CLIENT NAME	: PTT Global Chemical Public Co., Ltd	REQUEST SERVICE No.	: 0934/67
	(HDPE_GC2)	SAMPLING METHOD	: Pneumatic Bladder Pump
SAMPLING BY	: SECOT Co., Ltd.	SAMPLING TIME	: 09:25-09:37
SAMPLING DATE	: 14/05/2024	ANALYTICAL DATE	: 18/05/2024
RECEIVED DATE	: 15/05/2024	SITE OPERATOR	: Mr. Jeerawat Khothamhan
REPORT DATE	: 21/05/2024	FILE CODE	: 224006_GW_May
SAMPLE CONDITION	: Normal		

PARAMETER	UNIT	ANALYSIS METHODS	ND (non-detectable)	STATION	STANDARD ^{1/}
				บ่อสังเกตการณ์น้ำใต้ดิน ท้ายน้ำบริเวณทิวทิศใต้ของโรงงาน GC2 (I-I,MW-01)	
n-Hexane	mg/l	6200 B	< 0.0005	ND	≤ 11

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 23rd ED. 2017 (AWWA,APHA, WEF)

Jutarat Jaemruen

(Miss Jutarat Jaemruen)

Analyst

REG. NO. ๖-239-๖-0022

Araya Tipparuk

(Mrs. Araya Tipparuk)

Technical Management Team

REG. NO. ๖-239-ก-0004

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บริษัท ซีคอต จำกัด
SECOT CO., LTD.

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239 RIMKLONGPRAPA ROAD, BANGSUE, BANGKOK 10800, THAILAND

TEL. (662) 959-3600 FAX (662) 959-3535 Website : secot.co.th E-mail : envserv@secot.co.th

SOIL SAMPLES ANALYSIS REPORT

CLIENT NAME	: PTT Global Chemical Public Co., Ltd	REQUEST SERVICE No.	: 1316/67
	(HDPE_GC2)	SAMPLING METHOD	: Hand Auger
SAMPLING BY	: SECOT Co., Ltd.	SAMPLING TIME	: 09:45-10:10
SAMPLING DATE	: 27/06/2024	ANALYTICAL DATE	: 01/07/2024
RECEIVED DATE	: 28/06/2024	SITE OPERATOR	: Mr. Jeerawat Khothamhan
REPORT DATE	: 11/07/2024	FILE CODE	: 224008_WW_June
SAMPLE CONDITION	: Normal		

PARAMETER	UNIT	ANALYSIS	ND	STATION	STANDARD ^{1/}
		METHODS	(non-detectable)	บ่อถังกักการณน้ำใต้ดินต้นน้ำ บริเวณทิศเหนือของโรงงาน GC2 (I-1,MW-04)	
n-Hexane	mg/kg	5035A /8260D	< 0.001	ND	≤ 1,000

REFERENCE : US EPA SW 846 TEST METHODS FOR EVALUATING WATER AND SOLID WASTE, 3rd ED., 2020

Jutarat Jaemruen

(Miss Jutarat Jaemruen)

Analyst

REG. NO. 7-239-ก-0022

Araya Tipparuk

(Mrs. Araya Tipparuk)

Technical Management Team

REG. NO. 7-239-ก-0004

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SOIL SAMPLES ANALYSIS REPORT

CLIENT NAME	: PTT Global Chemical Public Co., Ltd	REQUEST SERVICE No.	: 1316/67
	(HDPE_GC2)	SAMPLING METHOD	: Hand Auger
SAMPLING BY	: SECOT Co., Ltd.	SAMPLING TIME	: 10:20-10:40
SAMPLING DATE	: 27/06/2024	ANALYTICAL DATE	: 01/07/2024
RECEIVED DATE	: 28/06/2024	SITE OPERATOR	: Mr. Jeerawat Khothamhan
REPORT DATE	: 11/07/2024	FILE CODE	: 224008_WW_June
SAMPLE CONDITION	: Normal		

PARAMETER	UNIT	ANALYSIS	ND	STATION	STANDARD ^{1/}
		METHODS	(non-detectable)	บ่อสังเคราะห์น้ำใต้ดินท้ายน้ำ บริเวณทิศใต้ของโรงงาน GC2 (I-1,MW-01)	
n-Hexane	mg/kg	5035A /8260D	< 0.001	ND	≤ 1,000

REFERENCE : US EPA SW 846 TEST METHODS FOR EVALUATING WATER AND SOLID WASTE, 3rd ED., 2020

Jutarat Jaemruen

(Miss Jutarat Jaemruen)

Analyst

REG. NO. ๖-239-๖-0022

Araya Tipparuk

(Mrs. Araya Tipparuk)

Technical Management Team

REG. NO. ๖-239-๖-0004

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SOIL SAMPLES ANALYSIS REPORT

CLIENT NAME	: PTT Global Chemical Public Co., Ltd	REQUEST SERVICE No.	: 1316/67
	(HDPE_GC2)	SAMPLING METHOD	: Hand Auger
SAMPLING BY	: SECOT Co., Ltd.	SAMPLING TIME	: 10:55-11:20
SAMPLING DATE	: 27/06/2024	ANALYTICAL DATE	: 01/07/2024
RECEIVED DATE	: 28/06/2024	SITE OPERATOR	: Mr. Jeerawat Khothamhan
REPORT DATE	: 11/07/2024	FILE CODE	: 224008_WW_June
SAMPLE CONDITION	: Normal		

PARAMETER	UNIT	ANALYSIS	ND	STATION	
		METHODS	(non-detectable)	บ่อสังเกตการณ์น้ำใต้ดินท้ายน้ำ ของโรงผลิตสารโอเลฟินส์ โรงที่ 1/2 (I-1, MW02)	STANDARD ^{1/}
n-Hexane	mg/kg	5035A /8260D	< 0.001	ND	≤ 1,000

REFERENCE : US EPA SW 846 TEST METHODS FOR EVALUATING WATER AND SOLID WASTE, 3rd ED., 2020

Jutarat Jaemruen

(Miss Jutarat Jaemruen)

Analyst

REG. NO. ๖-239-๖-0022

Araya Tipparuk

(Mrs. Araya Tipparuk)

Technical Management Team

REG. NO. ๖-239-๖-0004

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ใบรับรองผลการตรวจวัดคุณภาพอากาศในสถานที่ทำงาน



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TEL. (662) 959-3600 FAX (662) 959-3535 Website : secot.co.th E-mail : envserv@secot.co.th

ANALYSIS/TEST REPORT

Customer	: EED/SECOT Co., Ltd.	Request Service No.	: 0213/67
For	: PTT Global Chemical Public Co.,Ltd Branch 2 (HDPE-GC2)	Sampling Date	: 05/02/2024
Address	: 14 I-1 Road, Map Ta Phut Industrial Estate, Muang Rayong District, Rayong Province 21150	Received Date	: 06/02/2024
		Test Date	: 06/02/2024
Tel/Fax	: 0-3892-2100 / -	Report Date	: 23/02/2024

SAMPLE DESCRIPTION / SAMPLING INFORMATION

Sample Designated As	: Workplace Air	Sampling Method	: Sampling Bag
Sampling By	: SECOT Co., Ltd.	Sample Condition	: Normal

Sampling Location	Sampling Date/Time	Compound	Analytical Method	ND	RESULT	STANDARD
				ppm	ppm	ppm
บริเวณหน่วยโพลีเมอร์โรเซชั่น	05/02/2024 14:10-14:25	Total Hydrocarbon	THC Analyzer/FID	< 0.10	4.65	-
บริเวณหน่วยปรับปรุงคุณภาพเฮกเซน เพื่อนำกลับมาใช้ใหม่	05/02/2024 13:52-14:07	Total Hydrocarbon	THC Analyzer/FID	< 0.10	4.60	-
บริเวณหน่วยทำเม็ดพลาสติก	05/02/2024 13:34-13:49	Total Hydrocarbon	THC Analyzer/FID	< 0.10	5.28	-

Analyst By :

Sudaporn S.

(Miss Sudaporn Soonthorn)

Approved By :

Narisa Poowasanpetch

(Miss Narisa Poowasanpetch)

Technical Management Team

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3. ND = non-detectable.

4. - No Standard.



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ANALYSIS/TEST REPORT

Customer	: EED/SECOT Co., Ltd.	Request Service No.	: 0213/67
For	: PTT Global Chemical Public Co.,Ltd Branch 2 (HDPE-GC2)	Sampling Date	: 05/02/2024
Address	: 14 1-1 Road, Map Ta Phut Industrial Estate, Muang Rayong District, Rayong Province 21150	Received Date	: 06/02/2024
Tel/Fax	: 0-3892-2100 / -	Test Date	: 08/02/2024
		Report Date	: 23/02/2024

SAMPLE DESCRIPTION / SAMPLING INFORMATION

Sample Designated As	: Workplace Air	Sampling Method	: Sampling Bag
Sampling By	: SECOT Co., Ltd.	Sample Condition	: Normal

Sampling Location	Sampling Date/Time	Compound	Analytical Method	ND	RESULT	STANDARD
				ppm	ppm	ppm
บริเวณหน่วยโพลีเมอร์ไรเซชัน	05/02/2024	Ethylene	Modif. Intersociety	< 0.01	ND	200
	14:10-14:25		Committee 101/GC FID			
บริเวณหน่วยปรับปรุงคุณภาพสโตน เพื่อนำกลับมาใช้ใหม่	05/02/2024	Ethylene	Modif. Intersociety	< 0.01	ND	200
	13:52-14:07		Committee 101/GC FID			
บริเวณหน่วยทำเม็ดพลาสติก	05/02/2024	Ethylene	Modif. Intersociety	< 0.01	ND	200
	13:34-13:49		Committee 101/GC FID			

Analyst By : Sudaporn S.
(Miss Sudaporn Soonthorn)

Approved By : Narisa Poowasanpetch
(Miss Narisa Poowasanpetch)
Technical Management Team

- Remark : 1. Reported analysis refers to submitted sample only.
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3. Recommendation of the American Conference of Governmental Industrial Hygienists.
4. ND = non-detectable



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ANALYSIS/TEST REPORT

Customer	: EED/SECOT Co., Ltd.	Request Service No.	: 0213/67
For	: PTT Global Chemical Public Co.,Ltd Branch 2 (HDPE-GC2)	Sampling Date	: 05/02/2024
Address	: 14 I-1 Road, Map Ta Phut Industrial Estate, Muang Rayong District, Rayong Province 21150	Received Date	: 06/02/2024
		Test Date	: 08/02/2024
Tel/Fax	: 0-3892-2100 / -	Report Date	: 23/02/2024

SAMPLE DESCRIPTION / SAMPLING INFORMATION

Sample Designated As	: Workplace Air	Sampling Method	: Sorbent Adsorption
Sampling By	: SECOT Co., Ltd.	Sample Condition	: Normal

Sampling Location	Sampling Date/Time	Compound	Analytical Method	ND	RESULT	STANDARD
				ppm	ppm	ppm
บริเวณหน่วยโพลีเมอร์ไรเซชัน	05/02/2024 14:10-18:10	n-Hexane	NIOSH 1500/GC FID	< 0.01	0.23	50 ^{1/} , 500 ^{2/3/}
บริเวณหน่วยปรับปรุงคุณภาพเอทเธน เพื่อนำกลับมาใช้ใหม่	05/02/2024 13:52-17:52	n-Hexane	NIOSH 1500/GC FID	< 0.01	0.29	50 ^{1/} , 500 ^{2/3/}
บริเวณหน่วยทำเม็ดพลาสติก	05/02/2024 13:34-17:34	n-Hexane	NIOSH 1500/GC FID	< 0.01	ND	50 ^{1/} , 500 ^{2/3/}

Analyst By :

Sudaporn S.

(Miss Sudaporn Soonthorn)

Approved By :

Narisa Poowasanpetch

(Miss Narisa Poowasanpetch)

Technical Management Team

Remark : 1. Reported analysis refers to submitted sample only.

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3. ^{1/} Recommendation of the American Conference of Governmental Industrial Hygienists.
4. ^{2/} Notification of the Occupational Safety and Health Administration Standard.
5. ^{3/} Notification of the Department of Labour Protection and Welfare, B.E.2560 (2017).
6. ND = non-detectable



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ANALYSIS/TEST REPORT

Customer	: EED/SECOT Co., Ltd.	Request Service No.	: 0815/67
For	: PTT Global Chemical Public Co.,Ltd Branch 2 (HDPE-GC2)	Sampling Date	: 26/04/2024
Address	: 14 I-1 Road, Map Ta Phut Industrial Estate, Muang Rayong District, Rayong Province 21150	Received Date	: 29/04/2024
		Test Date	: 02/05/2024
Tel/Fax	: 0-3892-2100 / -	Report Date	: 07/05/2024

SAMPLE DESCRIPTION / SAMPLING INFORMATION

Sample Designated As	: Workplace Air	Sampling Method	: Sampling Bag
Sampling By	: SECOT Co., Ltd.	Sample Condition	: Normal

Sampling Location	Sampling Date/Time	Compound	Analytical Method	ND	RESULT	STANDARD
				ppm	ppm	ppm
บริเวณหน่วยโหลลิเมอร์ไรเซชัน	26/04/2024 08:30-08:45	Total Hydrocarbon	THC Analyzer/FID	< 0.10	6.02	-
บริเวณหน่วยปรับปรุงคุณภาพสเทชัน เพื่อนำกลับมาใช้ใหม่	26/04/2024 08:56-09:11	Total Hydrocarbon	THC Analyzer/FID	< 0.10	6.00	-
บริเวณหน่วยทำเม็ดพลาสติก	26/04/2024 08:10-08:25	Total Hydrocarbon	THC Analyzer/FID	< 0.10	5.50	-

Analyst By :

Sudaporn S.

(Miss Sudaporn Soonthorn)

Approved By :.

Narisa Poowasanpetch

(Miss Narisa Poowasanpetch)

Technical Management Team

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3. ND = non-detectable.

4. - No Standard.



บริษัท ซีคอต จำกัด
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ANALYSIS/TEST REPORT

Customer	: EED/SECOT Co., Ltd.	Request Service No.	: 0815/67
For	: PTT Global Chemical Public Co.,Ltd Branch 2 (HDPE-GC2)	Sampling Date	: 26/04/2024
Address	: 14 I-1 Road, Map Ta Phut Industrial Estate, Muang Rayong District, Rayong Province 21150	Received Date	: 29/04/2024
		Test Date	: 04/05/2024
Tel/Fax	: 0-3892-2100 / -	Report Date	: 07/05/2024

SAMPLE DESCRIPTION / SAMPLING INFORMATION

Sample Designated As	: Workplace Air	Sampling Method	: Sampling Bag
Sampling By	: SECOT Co., Ltd.	Sample Condition	: Normal

Sampling Location	Sampling Date/Time	Compound	Analytical Method	ND	RESULT	STANDARD
				ppm	ppm	ppm
บริเวณหน่วยโพลีเมอร์รีไซเคิล	26/04/2024 08:30-08:45	Ethylene	Modif. Intersociety Committee 101/GC FID	< 0.01	ND	200
บริเวณหน่วยปรับปรุงคุณภาพแอสเฟน เพื่อนำกลับมาใช้ใหม่	26/04/2024 08:56-09:11	Ethylene	Modif. Intersociety Committee 101/GC FID	< 0.01	ND	200
บริเวณหน่วยทำเม็ดพลาสติก	26/04/2024 08:10-08:25	Ethylene	Modif. Intersociety Committee 101/GC FID	< 0.01	ND	200

Analyst By : Sudaporn S.
(Miss Sudaporn Soonthorn)

Approved By : Narisa Poowasanpetch
(Miss Narisa Poowasanpetch)
Technical Management Team

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3. Recommendation of the American Conference of Governmental Industrial Hygienists.
4. ND = non-detectable



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TEL. (662) 959-3600 FAX (662) 959-3535 Website : secot.co.th E-mail : envserv@secot.co.th

ANALYSIS/TEST REPORT

Customer	: EED/SECOT Co., Ltd.	Request Service No.	: 0815/67
For	: PTT Global Chemical Public Co.,Ltd Branch 2 (HDPE-GC2)	Sampling Date	: 26/04/2024
Address	: 14 I-1 Road, Map Ta Phut Industrial Estate, Muang Rayong District, Rayong Province 21150	Received Date	: 29/04/2024
		Test Date	: 29/04/2024
Tel/Fax	: 0-3892-2100 / -	Report Date	: 07/05/2024

SAMPLE DESCRIPTION / SAMPLING INFORMATION

Sample Designated As	: Workplace Air	Sampling Method	: Sorbent Adsorption
Sampling By	: SECOT Co., Ltd.	Sample Condition	: Normal

Sampling Location	Sampling Date/Time	Compound	Analytical Method	ND	RESULT	STANDARD
				ppm	ppm	ppm
บริเวณหน่วยโพลีเมอร์ไรเซชัน	26/04/2024 08:30-12:30	n-Hexane	NIOSH 1500/GC FID	< 0.01	ND	50 ^{1/} , 500 ^{2/3/}
บริเวณหน่วยปรับปรุงคุณภาพเฮกเซน เพื่อนำกลับมาใช้ใหม่	26/04/2024 08:56-12:56	n-Hexane	NIOSH 1500/GC FID	< 0.01	ND	50 ^{1/} , 500 ^{2/3/}
บริเวณหน่วยบำบัดพลาสติก	26/04/2024 08:10-12:10	n-Hexane	NIOSH 1500/GC FID	< 0.01	ND	50 ^{1/} , 500 ^{2/3/}

Analyst By : Sudaporn S.
(Miss Sudaporn Soonthorn)

Approved By : Narisa Poowasanpetch
(Miss Narisa Poowasanpetch)
Technical Management Team

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3. ^{1/} Recommendation of the American Conference of Governmental Industrial Hygienists.

4. ^{2/} Notification of the Occupational Safety and Health Administration Standard.

5. ^{3/} Notification of the Department of Labour Protection and Welfare, B.E.2560 (2017).

6. ND = non-detectable

ใบรับรองผลการตรวจวัดระดับเสียงในสถานที่ทำงาน



Noise Monitoring Result : Working Noise

MTR-PTTGC (HDPE_GC2)

Location : Flash Drum Feed Pump (P-711 A-B)

Monitor Period : Mar 12, 2024

SLM Model : SCARLET ST-21D

Serial No : 820726

Site Operator : Miss Salisa Ainree

Calibrator Model : Cirrus CR:515

Serial No : 97097

Calibration Ref dB(A) : 94.0

Certified Date : Sep 04, 2023

SLM Reading / Adjust dB(A) : 93.7/0.1

Expire Date : Sep 03, 2024

Cal Sheet No.: CR-515-2024-057

Time	Equivalent Sound Pressure Level (dB(A))	
	Mar 12, 2024	
00:00 - 01:00		
01:00 - 02:00		
02:00 - 03:00		
03:00 - 04:00		
04:00 - 05:00		
05:00 - 06:00		
06:00 - 07:00		
07:00 - 08:00		
08:00 - 09:00	80.9	
09:00 - 10:00	80.7	
10:00 - 11:00	80.8	
11:00 - 12:00	80.6	
12:00 - 13:00	80.7	
13:00 - 14:00	80.7	
14:00 - 15:00	80.7	
15:00 - 16:00	80.7	
16:00 - 17:00	80.7	
17:00 - 18:00	80.7	
18:00 - 19:00	80.6	
19:00 - 20:00	80.7	
20:00 - 21:00		
21:00 - 22:00		
22:00 - 23:00		
23:00 - 24:00		
Leq(12)*	80.7	
Lmax **	96.1	
Standard-12Hr	87 dB(A)	
Standard-Max	140 dB(A)	

Remark : * Average time between 08:00-20:00

** Maximum Sound Pressure Level between 08:00-20:00

(Miss Katesarin Vorradetwittaya)
Environmental Scientist

(Miss Sununta Sirawuttinanon)
Technical Management Team



Noise Monitoring Result : Working Noise

MTR-PTTGC (HDPE_GC2)

Location : Refrigerator (C-821)
SLM Model : SCARLET ST-21D
Site Operator : Miss Salisa Ainree

Monitor Period : Mar 12, 2024
Serial No : 820723

Calibrator Model : Cirrus CR:515
Calibration Ref dB(A) : 94.0
SLM Reading / Adjust dB(A) : 93.7/0.1
Cal Sheet No.: CR-515-2024-057

Serial No : 97097
Certified Date : Sep 04, 2023
Expire Date : Sep 03, 2024

Time	Equivalent Sound Pressure Level (dB(A))
	Mar 12, 2024
00:00 - 01:00	
01:00 - 02:00	
02:00 - 03:00	
03:00 - 04:00	
04:00 - 05:00	
05:00 - 06:00	
06:00 - 07:00	
07:00 - 08:00	
08:00 - 09:00	83.5
09:00 - 10:00	83.1
10:00 - 11:00	81.4
11:00 - 12:00	80.9
12:00 - 13:00	80.4
13:00 - 14:00	83.7
14:00 - 15:00	82.6
15:00 - 16:00	83.0
16:00 - 17:00	83.1
17:00 - 18:00	82.6
18:00 - 19:00	83.7
19:00 - 20:00	83.0
20:00 - 21:00	
21:00 - 22:00	
22:00 - 23:00	
23:00 - 24:00	
Leq(12)*	82.7
Lmax **	101.6
Standard-12Hr	87 dB(A)
Standard-Max	140 dB(A)

Remark : * Average time between 08:00-20:00

** Maximum Sound Pressure Level between 08:00-20:00

(Miss Katesarin Vorradetwittaya)
Environmental Scientist

(Miss Sununta Sirawuttinanon)
Technical Management Team



Noise Monitoring Result : Working Noise MTR-PTTGC (HDPE_GC2)

Location : Compressor (C-872 A-B)

Monitor Period : Mar 12, 2024

SLM Model : SCARLET ST-21D

Serial No : 820722

Site Operator : Miss Salisa Ainree

Calibrator Model : Cirrus CR:515

Serial No : 97097

Calibration Ref dB(A) : 94.0

Certified Date : Sep 04, 2023

SLM Reading / Adjust dB(A) : 93.7/0.1

Expire Date : Sep 03, 2024

Cal Sheet No.: CR-515-2024-057

Time	Equivalent Sound Pressure Level (dB(A))	
	Mar 12, 2024	
00:00 - 01:00		
01:00 - 02:00		
02:00 - 03:00		
03:00 - 04:00		
04:00 - 05:00		
05:00 - 06:00		
06:00 - 07:00		
07:00 - 08:00		
08:00 - 09:00	78.6	
09:00 - 10:00	78.5	
10:00 - 11:00	76.6	
11:00 - 12:00	76.5	
12:00 - 13:00	76.3	
13:00 - 14:00	76.4	
14:00 - 15:00	76.5	
15:00 - 16:00	76.5	
16:00 - 17:00	76.3	
17:00 - 18:00	76.4	
18:00 - 19:00	76.5	
19:00 - 20:00	76.7	
20:00 - 21:00		
21:00 - 22:00		
22:00 - 23:00		
23:00 - 24:00		
Leq(12)*	76.9	
Lmax **	98.9	
Standard-12Hr	87 dB(A)	
Standard-Max	140 dB(A)	

Remark : * Average time between 08:00-20:00

** Maximum Sound Pressure Level between 08:00-20:00

(Miss Katesarin Vorradetwittaya)
Environmental Scientist

(Miss Sununta Sirawuttinanon)
Technical Management Team



Noise Monitoring Result : Working Noise MTR-PTTGC (HDPE_GC2)

Location : Pelletizer (Z-425)
SLM Model : SCARLET ST-21D
Site Operator : Miss Salisa Ainree

Monitor Period : Mar 12, 2024
Serial No : 820725

Calibrator Model : Cirrus CR:515
Calibration Ref dB(A) : 94.0
SLM Reading / Adjust dB(A) : 93.7/0.1
Cal Sheet No.: CR-515-2024-057

Serial No : 97097
Certified Date : Sep 04, 2023
Expire Date : Sep 03, 2024

Time	Equivalent Sound Pressure Level (dB(A))	
	Mar 12, 2024	
00:00 - 01:00		
01:00 - 02:00		
02:00 - 03:00		
03:00 - 04:00		
04:00 - 05:00		
05:00 - 06:00		
06:00 - 07:00		
07:00 - 08:00		
08:00 - 09:00	84.3	
09:00 - 10:00	84.2	
10:00 - 11:00	84.0	
11:00 - 12:00	84.1	
12:00 - 13:00	84.0	
13:00 - 14:00	84.1	
14:00 - 15:00	84.1	
15:00 - 16:00	84.1	
16:00 - 17:00	84.0	
17:00 - 18:00	84.0	
18:00 - 19:00	84.3	
19:00 - 20:00	84.1	
20:00 - 21:00		
21:00 - 22:00		
22:00 - 23:00		
23:00 - 24:00		
Leq(12)*	84.1	
Lmax **	98.2	
Standard-12Hr	87 dB(A)	
Standard-Max	140 dB(A)	

Remark : * Average time between 08:00-20:00

** Maximum Sound Pressure Level between 08:00-20:00

(Miss Katesarin Vorradetwittaya)
Environmental Scientist

(Miss Sununta Sirawuttinanon)
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NOISE MEASUREMENT REPORT : NOISE DOSE

CLIENT NAME	: PTT Global Chemical Public Co., Ltd.	REFERENCE NO.	: 224008 (Cert.)Mar/Noise Dose
	Branch 2 (HDPE2)	INSTRUMENT	: Noise Dosimeter
MEASUREMENT BY	: SECOT Co., Ltd.	CALIBRATOR MODEL	: Pulsar 22 R
MEASUREMENT DATE	: 26/03/2024	SERIAL NO.	: 79781
MEASUREMENT LOCATION	: HDPE2	CALIBRATOR TYPE	: Calibrator
SITE OPERATOR	: Miss Mareeyanee Hawae	CALIBRATOR REF.	: 1,000 Hz, 114 dB

OPERATOR ID	RESPONSIBILITY/AREA	TIME	RESULTS		STANDARD*
			% DOSE	TWA 8 hr. (dBA)	TWA 8 hr. (dBA)
30610441	Warehouse : Bagging Packing	07:50-15:50	58.1	82.7	85.0


(Miss Katesarin Vorradetwittaya)

Environmental Scientist


(Miss Sununta Sirawuttinanon)

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NOISE MEASUREMENT REPORT : NOISE DOSE

CLIENT NAME	: PTT Global Chemical Public Co., Ltd.	REFERENCE NO.	: 224008 (Cert.)Mar/Noise Dose
	Branch 2 (HDPE2)	INSTRUMENT	: Noise Dosimeter
MEASUREMENT BY	: SECOT Co., Ltd.	CALIBRATOR MODEL	: Pulsar 22 R
MEASUREMENT DATE	: 26/03/2024	SERIAL NO.	: 79781
MEASUREMENT LOCATION	: HDPE2	CALIBRATOR TYPE	: Calibrator
SITE OPERATOR	: Miss Mareeyanee Hawae	CALIBRATOR REF.	: 1,000 Hz, 114 dB

OPERATOR ID	RESPONSIBILITY/AREA	TIME	RESULTS		STANDARD*
			% DOSE	TWA 8 hr. (dBA)	TWA 8 hr. (dBA)
30562999	Warehouse : Bagging Packing	07:48-15:48	66.5	83.2	85.0

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NOISE MEASUREMENT REPORT : NOISE DOSE

CLIENT NAME	: PTT Global Chemical Public Co., Ltd.	REFERENCE NO.	: 224008 (Cert.)Mar/Noise Dose
	Branch 2 (HDPE2)	INSTRUMENT	: Noise Dosimeter
MEASUREMENT BY	: SECOT Co., Ltd.	CALIBRATOR MODEL	: Pulsar 22 R
MEASUREMENT DATE	: 05/03/2024	SERIAL NO.	: 79781
MEASUREMENT LOCATION	: HDPE2	CALIBRATOR TYPE	: Calibrator
SITE OPERATOR	: Miss Salisa Ainree	CALIBRATOR REF.	: 1,000 Hz, 114 dB

OPERATOR ID	RESPONSIBILITY/AREA	TIME	RESULTS		STANDARD ^{1/, 2/}
			% DOSE	TWA 12 hr. (dBA)	TWA 12 hr. (dBA)
26001759	Shift A_Shift Manager : CCR	07:24-19:02	11.8	74.0	83.0

(Miss Katesarin Vorradetwittaya)

Environmental Scientist

(Miss Sununta Sirawuttinanon)

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 - 2/ The Assigned Value in Environmental Impact Assessment Report, Polyethylene Product Project of PTT Global Chemical Public Co., Ltd., Branch 2.
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NOISE MEASUREMENT REPORT : NOISE DOSE

CLIENT NAME	: PTT Global Chemical Public Co., Ltd.	REFERENCE NO.	: 224008 (Cert.)Mar/Noise Dose
	Branch 2 (HDPE2)	INSTRUMENT	: Noise Dosimeter
MEASUREMENT BY	: SECOT Co., Ltd.	CALIBRATOR MODEL	: Pulsar 22 R
MEASUREMENT DATE	: 05/03/2024	SERIAL NO.	: 79781
MEASUREMENT LOCATION	: HDPE2	CALIBRATOR TYPE	: Calibrator
SITE OPERATOR	: Miss Salisa Ainree	CALIBRATOR REF.	: 1,000 Hz, 114 dB

OPERATOR ID	RESPONSIBILITY/AREA	TIME	RESULTS		STANDARD ^{1/, 2/}
			% DOSE	TWA 12 hr. (dBA)	TWA 12 hr. (dBA)
26002087	Shift A_Senior Operator : CCR	07:26-19:01	3.5	68.7	83.0

(Miss Katesarin Vorradetwittaya)

Environmental Scientist

(Miss Sununta Sirawuttinanon)

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NOISE MEASUREMENT REPORT : NOISE DOSE

CLIENT NAME	: PTT Global Chemical Public Co., Ltd.	REFERENCE NO.	: 224008 (Cert.)Mar/Noise Dose
	Branch 2 (HDPE2)	INSTRUMENT	: Noise Dosimeter
MEASUREMENT BY	: SECOT Co., Ltd.	CALIBRATOR MODEL	: Pulsar 22 R
MEASUREMENT DATE	: 05/03/2024	SERIAL NO.	: 79781
MEASUREMENT LOCATION	: HDPE2	CALIBRATOR TYPE	: Calibrator
SITE OPERATOR	: Miss Salisa Ainree	CALIBRATOR REF.	: 1,000 Hz, 114 dB

OPERATOR ID	RESPONSIBILITY/AREA	TIME	RESULTS		STANDARD ^{1/, 2/}
			% DOSE	TWA 12 hr. (dBA)	TWA 12 hr. (dBA)
26001718	Shift A_Senior Operator : Section 400/2	07:25-19:02	67.4	81.5	83.0

(Miss Katesarin Vorradetwittaya)

Environmental Scientist

(Miss Sununta Sirawuttinanon)

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NOISE MEASUREMENT REPORT : NOISE DOSE

CLIENT NAME	: PTT Global Chemical Public Co., Ltd.	REFERENCE NO.	: 224008 (Cert.)Mar/Noise Dose
	Branch 2 (HDPE2)	INSTRUMENT	: Noise Dosimeter
MEASUREMENT BY	: SECOT Co., Ltd.	CALIBRATOR MODEL	: Pulsar 22 R
MEASUREMENT DATE	: 05/03/2024	SERIAL NO.	: 79781
MEASUREMENT LOCATION	: HDPE2	CALIBRATOR TYPE	: Calibrator
SITE OPERATOR	: Miss Salisa Ainree	CALIBRATOR REF.	: 1,000 Hz, 114 dB

OPERATOR ID	RESPONSIBILITY/AREA	TIME	RESULTS		STANDARD ^{1/, 2/}
			% DOSE	TWA 12 hr. (dBA)	TWA 12 hr. (dBA)
26001721	Shift A_Senior Operator : CCR	07:28-19:02	23.5	77.0	83.0

(Miss Katesarin Vorradetwittaya)

Environmental Scientist

(Miss Sununta Sirawuttinanon)

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NOISE MEASUREMENT REPORT : NOISE DOSE

CLIENT NAME	: PTT Global Chemical Public Co., Ltd.	REFERENCE NO.	: 224008 (Cert.)Mar/Noise Dose
	Branch 2 (HDPE2)	INSTRUMENT	: Noise Dosimeter
MEASUREMENT BY	: SECOT Co., Ltd.	CALIBRATOR MODEL	: Pulsar 22 R
MEASUREMENT DATE	: 05/03/2024	SERIAL NO.	: 79781
MEASUREMENT LOCATION	: HDPE2	CALIBRATOR TYPE	: Calibrator
SITE OPERATOR	: Miss Salisa Ainree	CALIBRATOR REF.	: 1,000 Hz, 114 dB

OPERATOR ID	RESPONSIBILITY/AREA	TIME	RESULTS		STANDARD ^{1/, 2/}
			% DOSE	TWA 12 hr. (dBA)	TWA 12 hr. (dBA)
26008468	Shift A_Field Operator : Section 700	07:22-19:03	16.4	75.4	83.0

(Miss Katesarin Vorradetwittaya)

Environmental Scientist

(Miss Sununta Sirawuttinanon)

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NOISE MEASUREMENT REPORT : NOISE DOSE

CLIENT NAME	: PTT Global Chemical Public Co., Ltd.	REFERENCE NO.	: 224008 (Cert.)Mar/Noise Dose
	Branch 2 (HDPE2)	INSTRUMENT	: Noise Dosimeter
MEASUREMENT BY	: SECOT Co., Ltd.	CALIBRATOR MODEL	: Pulsar 22 R
MEASUREMENT DATE	: 05/03/2024	SERIAL NO.	: 79781
MEASUREMENT LOCATION	: HDPE2	CALIBRATOR TYPE	: Calibrator
SITE OPERATOR	: Miss Salisa Ainree	CALIBRATOR REF.	: 1,000 Hz, 114 dB

OPERATOR ID	RESPONSIBILITY/AREA	TIME	RESULTS		STANDARD ^{1/, 2/}
			% DOSE	TWA 12 hr. (dBA)	TWA 12 hr. (dBA)
26006630	Shift A_Field Operator : Section 200	07:27-19:02	50.4	80.3	83.0

(Miss Katesarin Vorradetwittaya)

Environmental Scientist

(Miss Sununta Sirawuttinanon)

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NOISE MEASUREMENT REPORT : NOISE DOSE

CLIENT NAME	: PTT Global Chemical Public Co., Ltd.	REFERENCE NO.	: 224008 (Cert.)Apr/Noise Dose
	Branch 2 (HDPE2)	INSTRUMENT	: Noise Dosimeter
MEASUREMENT BY	: SECOT Co., Ltd.	CALIBRATOR MODEL	: RC:110A
MEASUREMENT DATE	: 19/04/2024	SERIAL NO.	: 95167
MEASUREMENT LOCATION	: HDPE2	CALIBRATOR TYPE	: Calibrator
SITE OPERATOR	: Miss Wiraya Patchimboon	CALIBRATOR REF.	: 1,000 Hz, 114 dB

OPERATOR ID	RESPONSIBILITY/AREA	TIME	RESULTS		STANDARD*
			% DOSE	TWA 12 hr. (dBA)	TWA 12 hr. (dBA)
26002480	Shift A_Senior Operator : CCB	07:38-19:04	5.9	71.0	83.0

(Miss Katesarin Vorradetwittaya)

Environmental Scientist

(Miss Sununta Sirawuttinanon)

Technical Management Team

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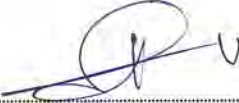
239 RIMKLONGPRAPA ROAD, BANGSUE, BANGKOK 10800, THAILAND

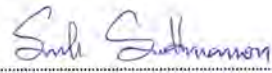
TEL : +66(0) 2959-3600 FAX : +66(0) 2959-3535 E-mail : envserv@secot.co.th

NOISE MEASUREMENT REPORT : NOISE DOSE

CLIENT NAME	: PTT Global Chemical Public Co., Ltd.	REFERENCE NO.	: 224008 (Cert.)Apr/Noise Dose
	Branch 2 (HDPE2)	INSTRUMENT	: Noise Dosimeter
MEASUREMENT BY	: SECOT Co., Ltd.	CALIBRATOR MODEL	: RC:110A
MEASUREMENT DATE	: 19/04/2024	SERIAL NO.	: 95167
MEASUREMENT LOCATION	: HDPE2	CALIBRATOR TYPE	: Calibrator
SITE OPERATOR	: Miss Wiraya Patchimboon	CALIBRATOR REF.	: 1,000 Hz, 114 dB

OPERATOR ID	RESPONSIBILITY/AREA	TIME	RESULTS		STANDARD*
			% DOSE	TWA 12 hr. (dBA)	TWA 12 hr. (dBA)
26008463	Shift A_Field Operator : Section 400/1	07:39-19:03	72.6	81.9	83.0


(Miss Katesarin Vorradetwittaya)
Environmental Scientist


(Miss Sununta Sirawuttinanon)
Technical Management Team

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TEL : +66(0) 2959-3600 FAX : +66(0) 2959-3535 E-mail : envserv@secot.co.th

NOISE MEASUREMENT REPORT : NOISE DOSE

CLIENT NAME	: PTT Global Chemical Public Co., Ltd.	REFERENCE NO.	: 224008 (Cert.)Apr/Noise Dose
	Branch 2 (HDPE2)	INSTRUMENT	: Noise Dosimeter
MEASUREMENT BY	: SECOT Co., Ltd.	CALIBRATOR MODEL	: RC:110A
MEASUREMENT DATE	: 30/04/2024	SERIAL NO.	: 95167
MEASUREMENT LOCATION	: HDPE2	CALIBRATOR TYPE	: Calibrator
SITE OPERATOR	: Miss Mareeyanee Hawae	CALIBRATOR REF.	: 1,000 Hz, 114 dB

OPERATOR ID	RESPONSIBILITY/AREA	TIME	RESULTS		STANDARD [*]
			% DOSE	TWA 12 hr. (dBA)	TWA 12 hr. (dBA)
26002363	Shift A_Senior Operator : Section 700	07:18-19:00	95.2	83.0	83.0

(Miss Katesarin Vorradetwittaya)

Environmental Scientist

(Miss Sununta Sirawuttinanon)

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NOISE MEASUREMENT REPORT : NOISE DOSE

CLIENT NAME	: PTT Global Chemical Public Co., Ltd.	REFERENCE NO.	: 224008 (Cert.)Mar/Noise Dose
	Branch 2 (HDPE2)	INSTRUMENT	: Noise Dosimeter
MEASUREMENT BY	: SECOT Co., Ltd.	CALIBRATOR MODEL	: RC:110A
MEASUREMENT DATE	: 19/03/2024	SERIAL NO.	: 95167
MEASUREMENT LOCATION	: HDPE2	CALIBRATOR TYPE	: Calibrator
SITE OPERATOR	: Miss Salisa Ainree	CALIBRATOR REF.	: 1,000 Hz, 114 dB

OPERATOR ID	RESPONSIBILITY/AREA	TIME	RESULTS		STANDARD*
			% DOSE	TWA 12 hr. (dBA)	TWA 12 hr. (dBA)
26000350	Shift B_Shift Manager : CCB	07:00-18:59	0.9	63.0	83.0

(Miss Katesarin Vorradetwittaya)

Environmental Scientist

(Miss Sununta Sirawuttinanon)

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TEL : +66(0) 2959-3600 FAX : +66(0) 2959-3535 E-mail : envserv@secot.co.th

NOISE MEASUREMENT REPORT : NOISE DOSE

CLIENT NAME	: PTT Global Chemical Public Co., Ltd.	REFERENCE NO.	: 224008 (Cert.)Mar/Noise Dose
	Branch 2 (HDPE2)	INSTRUMENT	: Noise Dosimeter
MEASUREMENT BY	: SECOT Co., Ltd.	CALIBRATOR MODEL	: RC:110A
MEASUREMENT DATE	: 19/03/2024	SERIAL NO.	: 95167
MEASUREMENT LOCATION	: HDPE2	CALIBRATOR TYPE	: Calibrator
SITE OPERATOR	: Miss Salisa Ainree	CALIBRATOR REF.	: 1,000 Hz, 114 dB

OPERATOR ID	RESPONSIBILITY/AREA	TIME	RESULTS		STANDARD
			% DOSE	TWA 12 hr. (dBA)	TWA 12 hr. (dBA)
26002489	Shift B_Senior Operator : Section 400	07:00-18:59	48.2	80.1	83.0

(Miss Katesarin Vorradetwittaya)

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(Miss Sununta Sirawuttinanon)

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NOISE MEASUREMENT REPORT : NOISE DOSE

CLIENT NAME	: PTT Global Chemical Public Co., Ltd.	REFERENCE NO.	: 224008 (Cert.)Mar/Noise Dose
	Branch 2 (HDPE2)	INSTRUMENT	: Noise Dosimeter
MEASUREMENT BY	: SECOT Co., Ltd.	CALIBRATOR MODEL	: RC:110A
MEASUREMENT DATE	: 19/03/2024	SERIAL NO.	: 95167
MEASUREMENT LOCATION	: HDPE2	CALIBRATOR TYPE	: Calibrator
SITE OPERATOR	: Miss Salisa Ainree	CALIBRATOR REF.	: 1,000 Hz, 114 dB

OPERATOR ID	RESPONSIBILITY/AREA	TIME	RESULTS		STANDARD *
			% DOSE	TWA 12 hr. (dBA)	TWA 12 hr. (dBA)
26001761	Shift B_Senior Operator : CCB	06:59-18:59	4.3	69.6	83.0

(Miss Katesarin Vorradetwittaya)

Environmental Scientist

(Miss Sununta Sirawuttinanon)

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NOISE MEASUREMENT REPORT : NOISE DOSE

CLIENT NAME	: PTT Global Chemical Public Co., Ltd.	REFERENCE NO.	: 224008 (Cert.)Mar/Noise Dose
	Branch 2 (HDPE2)	INSTRUMENT	: Noise Dosimeter
MEASUREMENT BY	: SECOT Co., Ltd.	CALIBRATOR MODEL	: RC:110A
MEASUREMENT DATE	: 19/03/2024	SERIAL NO.	: 95167
MEASUREMENT LOCATION	: HDPE2	CALIBRATOR TYPE	: Calibrator
SITE OPERATOR	: Miss Salisa Ainree	CALIBRATOR REF.	: 1,000 Hz, 114 dB

OPERATOR ID	RESPONSIBILITY/AREA	TIME	RESULTS		STANDARD*
			% DOSE	TWA 12 hr. (dBA)	TWA 12 hr. (dBA)
26002378	Shift B_Senior Operator : CCB	07:00-18:59	2.9	67.9	83.0

(Miss Katesarin Vorradetwittaya)

Environmental Scientist

(Miss Sununta Sirawuttinanon)

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NOISE MEASUREMENT REPORT : NOISE DOSE

CLIENT NAME	: PTT Global Chemical Public Co., Ltd.	REFERENCE NO.	: 224008 (Cert.)Mar/Noise Dose
	Branch 2 (HDPE2)	INSTRUMENT	: Noise Dosimeter
MEASUREMENT BY	: SECOT Co., Ltd.	CALIBRATOR MODEL	: RC:110A
MEASUREMENT DATE	: 19/03/2024	SERIAL NO.	: 95167
MEASUREMENT LOCATION	: HDPE2	CALIBRATOR TYPE	: Calibrator
SITE OPERATOR	: Miss Salisa Ainree	CALIBRATOR REF.	: 1,000 Hz, 114 dB

OPERATOR ID	RESPONSIBILITY/AREA	TIME	RESULTS		STANDARD
			% DOSE	TWA 12 hr. (dBA)	TWA 12 hr. (dBA)
26001758	Shift B_Senior Operator : Section 200	06:59-18:59	19.2	76.1	83.0

(Miss Katesarin Vorradetwittaya)

Environmental Scientist

(Miss Sununta Sirawuttinanon)

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NOISE MEASUREMENT REPORT : NOISE DOSE

CLIENT NAME	: PTT Global Chemical Public Co., Ltd.	REFERENCE NO.	: 224008 (Cert.)Mar/Noise Dose
	Branch 2 (HDPE2)	INSTRUMENT	: Noise Dosimeter
MEASUREMENT BY	: SECOT Co., Ltd.	CALIBRATOR MODEL	: RC:110A
MEASUREMENT DATE	: 19/03/2024	SERIAL NO.	: 95167
MEASUREMENT LOCATION	: HDPE2	CALIBRATOR TYPE	: Calibrator
SITE OPERATOR	: Miss Salisa Ainree	CALIBRATOR REF.	: 1,000 Hz, 114 dB

OPERATOR ID	RESPONSIBILITY/AREA	TIME	RESULTS		STANDARD ⁺
			% DOSE	TWA 12 hr. (dBA)	TWA 12 hr. (dBA)
26006174	Shift B_Field Operator : Section 400/2	06:59-18:59	30.7	78.1	83.0

(Miss Katesarin Vorradetwittaya)

Environmental Scientist

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NOISE MEASUREMENT REPORT : NOISE DOSE

CLIENT NAME	: PTT Global Chemical Public Co., Ltd.	REFERENCE NO.	: 224008 (Cert.)Mar/Noise Dose
	Branch 2 (HDPE2)	INSTRUMENT	: Noise Dosimeter
MEASUREMENT BY	: SECOT Co., Ltd.	CALIBRATOR MODEL	: Pulsar 22 R
MEASUREMENT DATE	: 12/03/2024	SERIAL NO.	: 79781
MEASUREMENT LOCATION	: HDPE2	CALIBRATOR TYPE	: Calibrator
SITE OPERATOR	: Miss Salisa Ainree	CALIBRATOR REF.	: 1,000 Hz, 114 dB

OPERATOR ID	RESPONSIBILITY/AREA	TIME	RESULTS		STANDARD ^{1/, 2/}
			% DOSE	TWA 12 hr. (dBA)	TWA 12 hr. (dBA)
26002275	Shift C_Senior Operator : CCB	07:38-19:09	5.7	70.8	83.0

(Miss Katesarin Vorradetwittaya)

Environmental Scientist

(Miss Sununta Sirawuttinanon)

Technical Management Team

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 - 3.^{1/} Notification of the Department of Labour Protection and Welfare, B.E.2561 (2018).
 - 4.^{2/} The Assigned Value in Environmental Impact Assessment Report, Polyethylene Product Project of PTT Global Chemical Public Co., Ltd., Branch 2.
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NOISE MEASUREMENT REPORT : NOISE DOSE

CLIENT NAME	: PTT Global Chemical Public Co., Ltd.	REFERENCE NO.	: 224008 (Cert.)Mar/Noise Dose
	Branch 2 (HDPE2)	INSTRUMENT	: Noise Dosimeter
MEASUREMENT BY	: SECOT Co., Ltd.	CALIBRATOR MODEL	: Pulsar 22 R
MEASUREMENT DATE	: 12/03/2024	SERIAL NO.	: 79781
MEASUREMENT LOCATION	: HDPE2	CALIBRATOR TYPE	: Calibrator
SITE OPERATOR	: Miss Salisa Ainree	CALIBRATOR REF.	: 1,000 Hz, 114 dB

OPERATOR ID	RESPONSIBILITY/AREA	TIME	RESULTS		STANDARD ^{1/, 2/}
			% DOSE	TWA 12 hr. (dBA)	TWA 12 hr. (dBA)
26001717	Shift C_Senior Operator : Section 200	07:37-19:10	30.0	78.0	83.0

(Miss Katesarin Vorradetwittaya)

Environmental Scientist

(Miss Sununta Sirawuttinanon)

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NOISE MEASUREMENT REPORT : NOISE DOSE

CLIENT NAME	: PTT Global Chemical Public Co., Ltd.	REFERENCE NO.	: 224008 (Cert.)Apr/Noise Dose
	Branch 2 (HDPE2)	INSTRUMENT	: Noise Dosimeter
MEASUREMENT BY	: SECOT Co., Ltd.	CALIBRATOR MODEL	: RC:110A
MEASUREMENT DATE	: 26/04/2024	SERIAL NO.	: 95167
MEASUREMENT LOCATION	: HDPE2	CALIBRATOR TYPE	: Calibrator
SITE OPERATOR	: Miss Salisa Ainree	CALIBRATOR REF.	: 1,000 Hz, 114 dB

OPERATOR ID	RESPONSIBILITY/AREA	TIME	RESULTS		STANDARD*
			% DOSE	TWA 12 hr. (dBA)	TWA 12 hr. (dBA)
26001720	Shift C_Shift Manager : CCB	07:40-19:01	12.7	74.3	83,0

(Miss Katesarin Vorradetwittaya)

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NOISE MEASUREMENT REPORT : NOISE DOSE

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MEASUREMENT BY	: SECOT Co., Ltd.	CALIBRATOR MODEL	: RC:110A
MEASUREMENT DATE	: 26/04/2024	SERIAL NO.	: 95167
MEASUREMENT LOCATION	: HDPE2	CALIBRATOR TYPE	: Calibrator
SITE OPERATOR	: Miss Salisa Ainree	CALIBRATOR REF.	: 1,000 Hz, 114 dB

OPERATOR ID	RESPONSIBILITY/AREA	TIME	RESULTS		STANDARD*
			% DOSE	TWA 12 hr. (dBA)	TWA 12 hr. (dBA)
26002089	Shift C_Senior Operator : CCB	07:38-18:59	13.6	74.6	83.0

(Miss Katesarin Vorradetwittaya)

Environmental Scientist

(Miss Sununta Sirawuttinanon)

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NOISE MEASUREMENT REPORT : NOISE DOSE

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	Branch 2 (HDPE2)	INSTRUMENT	: Noise Dosimeter
MEASUREMENT BY	: SECOT Co., Ltd.	CALIBRATOR MODEL	: RC110A
MEASUREMENT DATE	: 26/04/2024	SERIAL NO.	: 95167
MEASUREMENT LOCATION	: HDPE2	CALIBRATOR TYPE	: Calibrator
SITE OPERATOR	: Miss Salisa Ainree	CALIBRATOR REF.	: 1,000 Hz, 114 dB

OPERATOR ID	RESPONSIBILITY/AREA	TIME	RESULTS		STANDARD*
			% DOSE	TWA 12 hr. (dBA)	TWA 12 hr. (dBA)
26008133	Shift C_Field Operator : Section 200	07:39-18:50	93.0	82.9	83.0

(Miss Katesarin Vorradetwittaya)

Environmental Scientist

(Miss Sununta Sirawuttinanon)

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NOISE MEASUREMENT REPORT : NOISE DOSE

CLIENT NAME	: PTT Global Chemical Public Co., Ltd.	REFERENCE NO.	: 224008 (Cert.)Jun/Noise Dose
	Branch 2 (HDPE2)	INSTRUMENT	: Noise Dosimeter
MEASUREMENT BY	: SECOT Co., Ltd.	CALIBRATOR MODEL	: RC:110A
MEASUREMENT DATE	: 21/06/2024	SERIAL NO.	: 95167
MEASUREMENT LOCATION	: HDPE2	CALIBRATOR TYPE	: Calibrator
SITE OPERATOR	: Miss Wiraya Patchimboon	CALIBRATOR REF.	: 1,000 Hz, 114 dB

OPERATOR ID	RESPONSIBILITY/AREA	TIME	RESULTS		STANDARD
			% DOSE	TWA 12 hr. (dBA)	TWA 12 hr. (dBA)
26002483	Shift C_Senior Operator : Section 400/1	07:12-18:59	82.8	82.4	83.0

(Miss Katesarin Vorradetwittaya)

Environmental Scientist

(Miss Sununta Sirawuttinanon)

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TEL : +66(0) 2959-3600 FAX : +66(0) 2959-3535 E-mail : envserv@secot.co.th

NOISE MEASUREMENT REPORT : NOISE DOSE

CLIENT NAME	: PTT Global Chemical Public Co., Ltd.	REFERENCE NO.	: 224008 (Cert.)Mar/Noise Dose
	Branch 2 (HDPE2)	INSTRUMENT	: Noise Dosimeter
MEASUREMENT BY	: SECOT Co., Ltd.	CALIBRATOR MODEL	: RC:110A
MEASUREMENT DATE	: 26/03/2024	SERIAL NO.	: 95168
MEASUREMENT LOCATION	: HDPE2	CALIBRATOR TYPE	: Calibrator
SITE OPERATOR	: Miss Mareeyanee Hawae	CALIBRATOR REF.	: 1,000 Hz, 114 dB

OPERATOR ID	RESPONSIBILITY/AREA	TIME	RESULTS		STANDARD ^{1/, 2/}
			% DOSE	TWA 12 hr. (dBA)	TWA 12 hr. (dBA)
26001722	Shift D_Shift Manager : CCR	07:22-19:03	14.8	75.0	83.0

(Miss Katesarin Vorradetwittaya)

Environmental Scientist

(Miss Sununta Sirawuttinanon)

Technical Management Team

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NOISE MEASUREMENT REPORT : NOISE DOSE

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	Branch 2 (HDPE2)	INSTRUMENT	: Noise Dosimeter
MEASUREMENT BY	: SECOT Co., Ltd.	CALIBRATOR MODEL	: RC:110A
MEASUREMENT DATE	: 26/03/2024	SERIAL NO.	: 95168
MEASUREMENT LOCATION	: HDPE2	CALIBRATOR TYPE	: Calibrator
SITE OPERATOR	: Miss Mareeyanee Hawae	CALIBRATOR REF.	: 1,000 Hz, 114 dB

OPERATOR ID	RESPONSIBILITY/AREA	TIME	RESULTS		STANDARD ^{1/, 2/}
			% DOSE	TWA 12 hr. (dBA)	TWA 12 hr. (dBA)
26002486	Shift D_Shift Manager : CCB	07:23-19:03	11.1	73.7	83.0

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NOISE MEASUREMENT REPORT : NOISE DOSE

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	Branch 2 (HDPE2)	INSTRUMENT	: Noise Dosimeter
MEASUREMENT BY	: SECOT Co., Ltd.	CALIBRATOR MODEL	: RC:110A
MEASUREMENT DATE	: 26/03/2024	SERIAL NO.	: 95168
MEASUREMENT LOCATION	: HDPE2	CALIBRATOR TYPE	: Calibrator
SITE OPERATOR	: Miss Mareeyanee Hawae	CALIBRATOR REF.	: 1,000 Hz, 114 dB

OPERATOR ID	RESPONSIBILITY/AREA	TIME	RESULTS		STANDARD ^{1/, 2/}
			% DOSE	TWA 12 hr. (dBA)	TWA 12 hr. (dBA)
26000791	Shift D_Senior Operator : Section 400/2	07:23-19:03	54.1	80.6	83.0

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NOISE MEASUREMENT REPORT : NOISE DOSE

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	Branch 2 (HDPE2)	INSTRUMENT	: Noise Dosimeter
MEASUREMENT BY	: SECOT Co., Ltd.	CALIBRATOR MODEL	: RC:110A
MEASUREMENT DATE	: 26/03/2024	SERIAL NO.	: 95168
MEASUREMENT LOCATION	: HDPE2	CALIBRATOR TYPE	: Calibrator
SITE OPERATOR	: Miss Mareeyanee Hawae	CALIBRATOR REF.	: 1,000 Hz, 114 dB

OPERATOR ID	RESPONSIBILITY/AREA	TIME	RESULTS		STANDARD ^{1/, 2/}
			% DOSE	TWA 12 hr. (dBA)	TWA 12 hr. (dBA)
26008460	Shift D_Field Operator : Section 200	07:25-19:02	77.1	82.1	83.0

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NOISE MEASUREMENT REPORT : NOISE DOSE

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	Branch 2 (HDPE2)	INSTRUMENT	: Noise Dosimeter
MEASUREMENT BY	: SECOT Co., Ltd.	CALIBRATOR MODEL	: RC:110A
MEASUREMENT DATE	: 26/03/2024	SERIAL NO.	: 95168
MEASUREMENT LOCATION	: HDPE2	CALIBRATOR TYPE	: Calibrator
SITE OPERATOR	: Miss Mareeyanee Hawae	CALIBRATOR REF.	: 1,000 Hz, 114 dB

OPERATOR ID	RESPONSIBILITY/AREA	TIME	RESULTS		STANDARD ^{1/, 2/}
			% DOSE	TWA 12 hr. (dBA)	TWA 12 hr. (dBA)
26006411	Shift D_Field Operator : Section 700	07:20-19:04	26.9	77.6	83.0

(Miss Katesarin Vorradetwittaya)

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NOISE MEASUREMENT REPORT : NOISE DOSE

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	Branch 2 (HDPE2)	INSTRUMENT	: Noise Dosimeter
MEASUREMENT BY	: SECOT Co., Ltd.	CALIBRATOR MODEL	: RC:110A
MEASUREMENT DATE	: 26/03/2024	SERIAL NO.	: 95168
MEASUREMENT LOCATION	: HDPE2	CALIBRATOR TYPE	: Calibrator
SITE OPERATOR	: Miss Mareeyanee Hawae	CALIBRATOR REF.	: 1,000 Hz, 114 dB

OPERATOR ID	RESPONSIBILITY/AREA	TIME	RESULTS		STANDARD ^{1/, 2/}
			% DOSE	TWA 12 hr. (dBA)	TWA 12 hr. (dBA)
26002361	Shift B_Field Operator ; Section 400/1	07:23-19:03	38.7	79.1	83.0

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