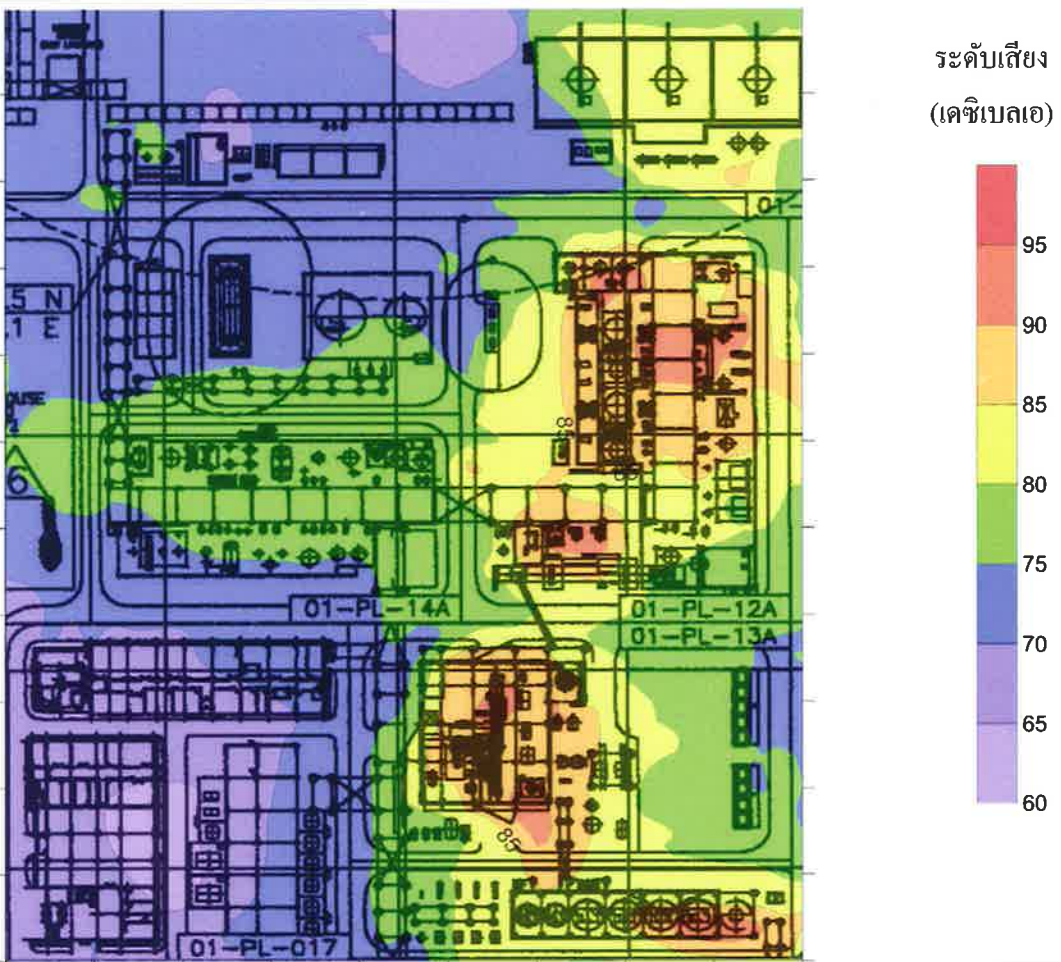


ภาคผนวก ก

เอกสารประกอบการปฏิบัติตาม
มาตรการติดตามตรวจสอบผลกระทบสิ่งแวดล้อม

ภาคผนวก ก.1

แผนที่ระดับเสียง (Noise Contour Map)



รูปที่ 3 แผนผังแสดงระดับเสียง (Noise Contour Map)
โครงการโรงงานผลิตโพลีเอทิลีน บริษัท พีทีที โกลบอล เคมิคอล จำกัด (มหาชน)

ภาคผนวก ก.2

บันทึกสถิติอุบัติเหตุ

ระหว่างเดือนมกราคม ถึงมิถุนายน พ.ศ.2566

ทะเบียน Incident กลุ่มบริษัท พีทีที โกลบอล เคมิคอล จำกัด (มหาชน) พื้นที่ HDPE Plant II ประจำปี 2566

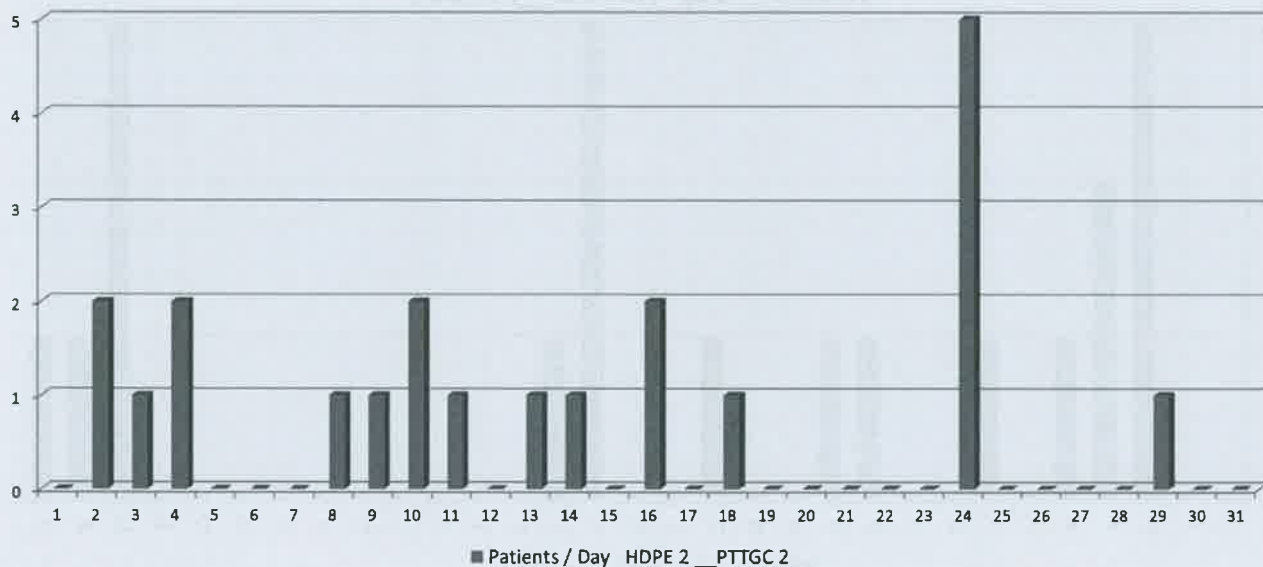
[illegible]

ภาคผนวก ค.3

ข้อมูลสถิติภาวะการเจ็บป่วยของพนักงาน
ระหว่างเดือนมกราคม ถึงมิถุนายน พ.ศ.2566

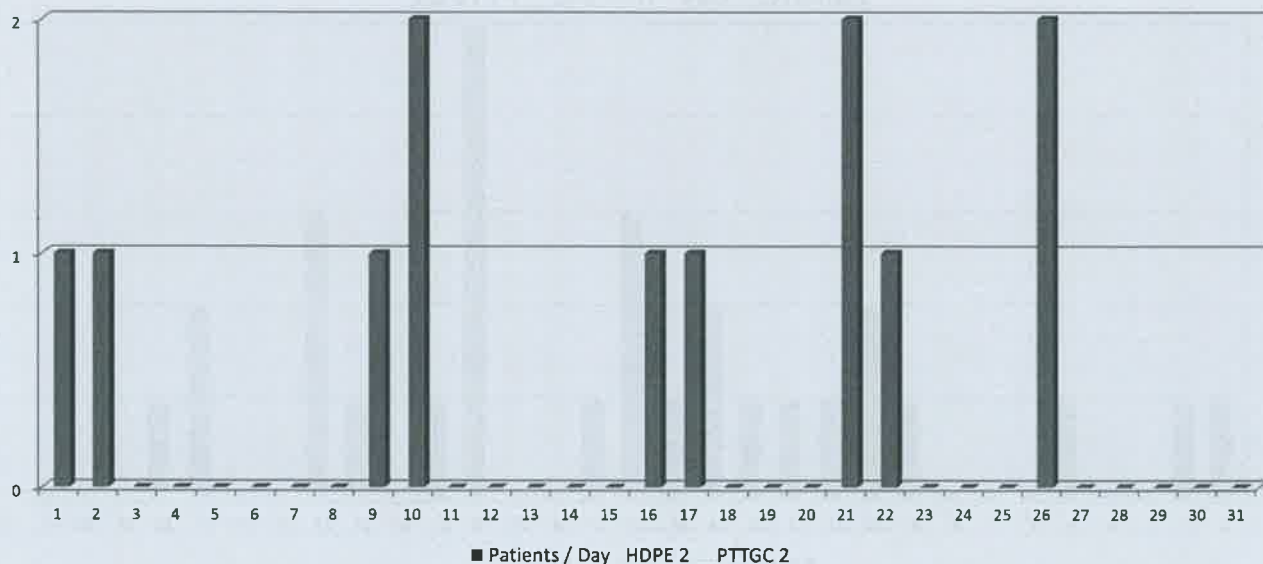
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
Patients / Day HDPE 2 __PTTGC 2	0	2	1	2	0	0	0	1	1	2	1	0	1	1	0	2	0	1	0	0	0	0	0	5	0	0	0	0	1	0	0	21
Total	0	2	1	2	0	0	0	1	1	2	1	0	1	1	0	2	0	1	0	0	0	0	0	5	0	0	0	0	1	0	0	21

Patients / Day HDPE 2 __PTTGC 2



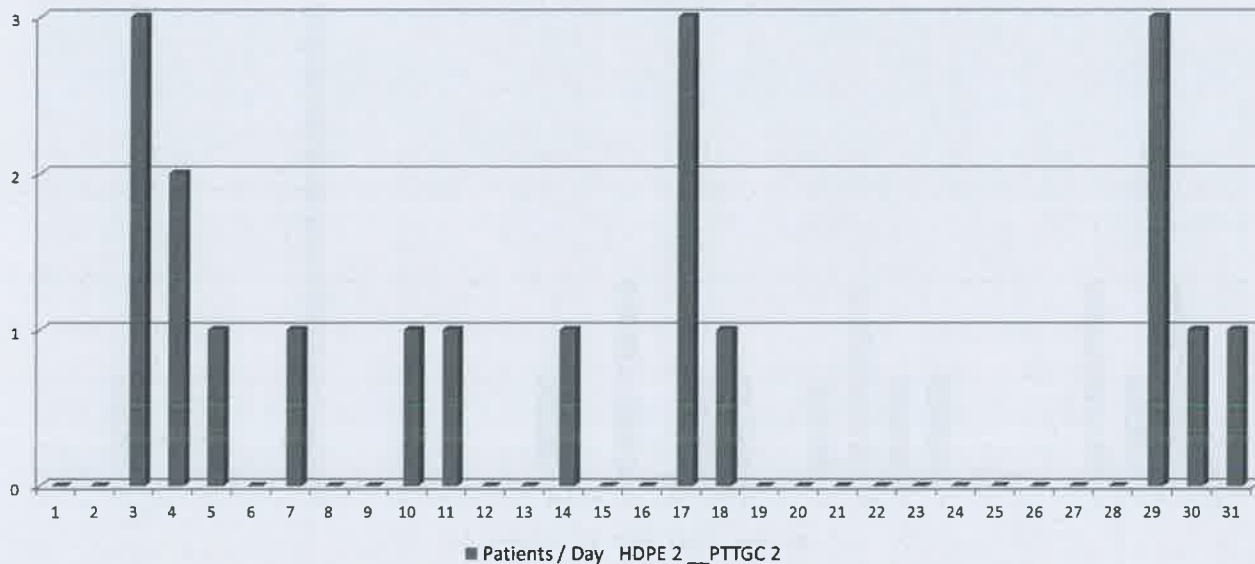
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
Patients / Day HDPE 2 __PTTGC 2	1	1	0	0	0	0	0	0	1	2	0	0	0	0	0	1	1	0	0	0	2	1	0	0	0	2	0	0	0	0	0	12
Total	1	1	0	0	0	0	0	0	1	2	0	0	0	0	0	1	1	0	0	0	2	1	0	0	0	2	0	0	0	0	0	12

Patients / Day HDPE 2 __PTTGC 2



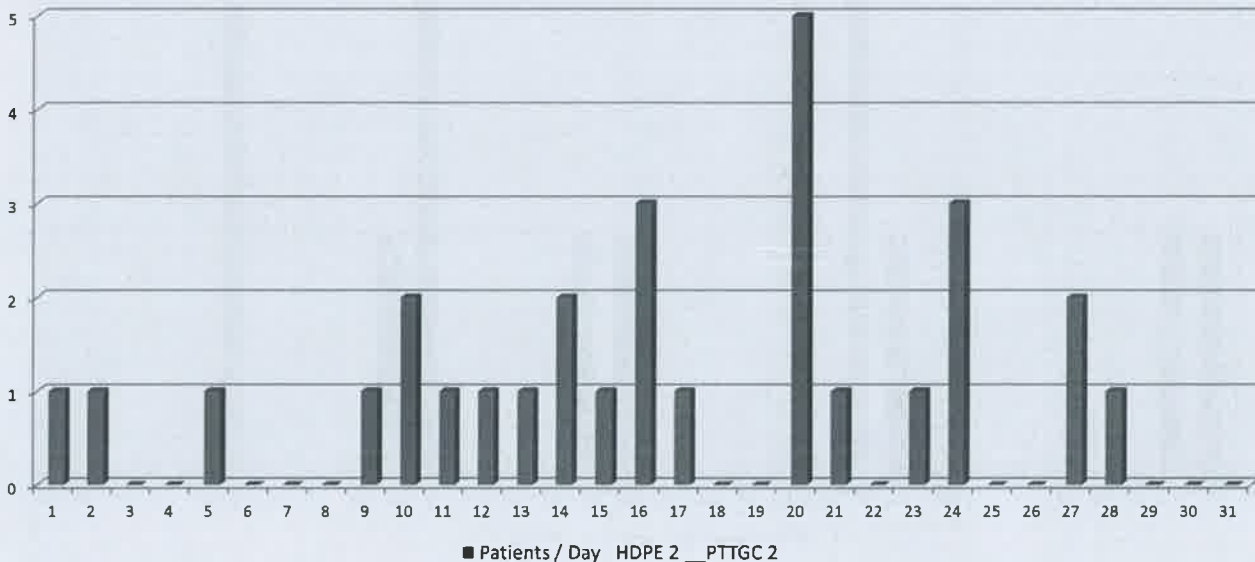
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Patients / Day HDPE 2 __PTTGC 2	0	0	3	2	1	0	1	0	0	1	1	0	0	1	0	0	3	1	0	0	0	0	0	0	0	0	0	0	3	1	1	19
Total	0	0	3	2	1	0	1	0	0	1	1	0	0	1	0	0	3	1	0	0	0	0	0	0	0	0	0	3	1	1	19	

Patients / Day HDPE 2 __PTTGC 2

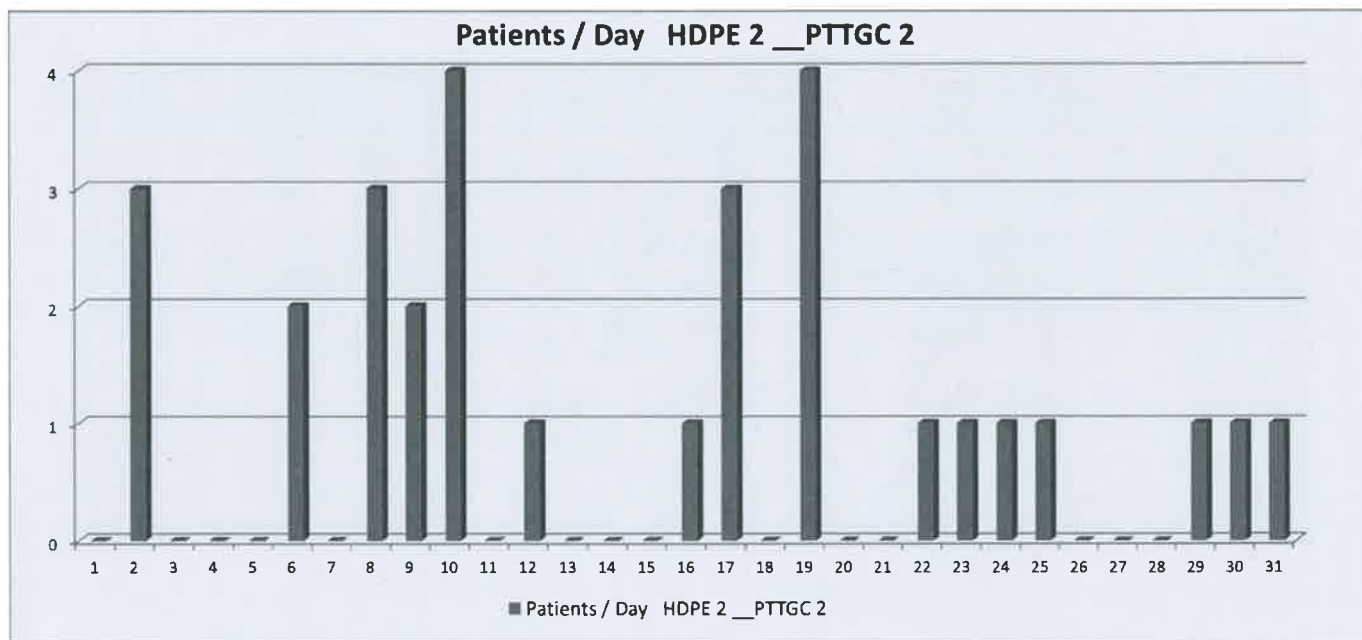


Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Patients / Day HDPE 2 __PTTGC 2	1	1	0	0	1	0	0	0	1	2	1	1	1	2	1	3	1	0	0	5	1	0	1	3	0	0	2	1	0	0	0	29
Total	1	1	0	0	1	0	0	0	1	2	1	1	1	2	1	3	1	0	0	5	1	0	1	3	0	0	2	1	0	0	0	29

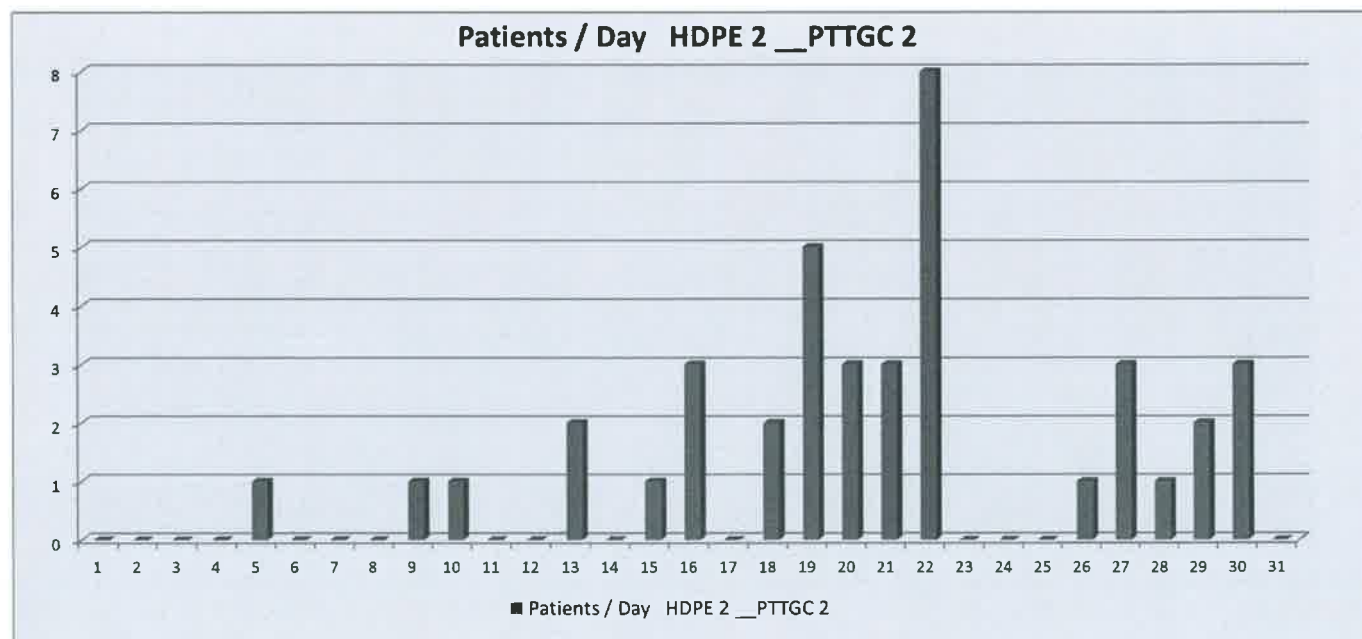
Patients / Day HDPE 2 __PTTGC 2



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	3	0	0	0	2	0	3	2	4	0	1	0	0	0	1	3	0	4	0	0	1	1	1	1	0	0	0	1	1	1	30
Total	0	3	0	0	0	2	0	3	2	4	0	1	0	0	0	1	3	0	4	0	0	1	1	1	1	0	0	0	1	1	1	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	รวม
Patients / Day HDPE 2 __PTTGC 2	0	0	0	0	1	0	0	0	1	1	0	0	2	0	1	3	0	2	5	3	3	8	0	0	0	1	3	1	2	3	0	40
Total	0	0	0	0	1	0	0	0	1	1	0	0	2	0	1	3	0	2	5	3	3	8	0	0	0	1	3	1	2	3	0	40



ภาคผนวก ง

ใบรับรองผลการตรวจวิเคราะห์คุณภาพสิ่งแวดล้อม

ใบรับรองผลการตรวจวัดคุณภาพอากาศในบรรยากาศ



Meteorological Monitoring Results : Wind Rose

MTR-PTTGC (HDPE_GC2)

Location : Wat Map Chalut

Monitor period : 20-21 Apr 2023

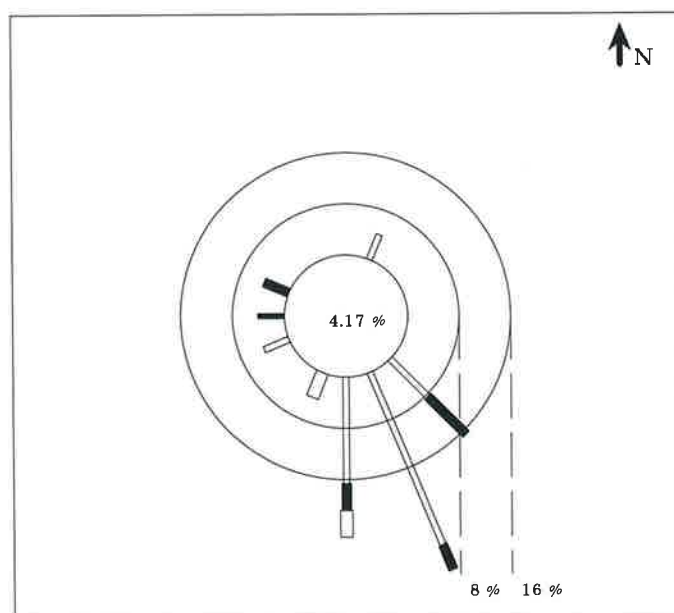
Wind Speed Model : NRG Symphonie

Serial No : 1025

Wind Direction Model : NRG Symphonie

Serial No : 1025

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	0.0417	0.0000	0.0000	0.0000	0.0000	0.0417
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	0.0833	0.0833	0.0000	0.0000	0.0000	0.1667
SSE	0.0000	0.2917	0.0417	0.0000	0.0000	0.0000	0.3333
S	0.0000	0.1667	0.0417	0.0417	0.0000	0.0000	0.2500
SSW	0.0000	0.0000	0.0000	0.0417	0.0000	0.0000	0.0417
SW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
WSW	0.0000	0.0417	0.0000	0.0000	0.0000	0.0000	0.0417
W	0.0417	0.0000	0.0000	0.0000	0.0000	0.0000	0.0417
WNW	0.0000	0.0000	0.0417	0.0000	0.0000	0.0000	0.0417
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	0.0417						



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-222008-Wat Map Chalut 20-21 Apr 2023

(Miss Katesarin Vorradetwittaya)
Environmental Scientist

Preeda S.
(Miss Preeda Somjai)
Technical Management Team



Meteorological Monitoring Results : Wind Rose

MTR-PTTGC (HDPE_GC2)

Location : Wat Map Chalut

Monitor period : 20-21 Apr 2023

Wind Speed Model : NRG Symphonie

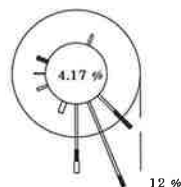
Serial No : 1025

Wind Direction Model : NRG Symphonie

Serial No : 1025

Time	20-21 Apr 2023	
	WS(m/s)	WD
13:00 - 14:00	2.0	S
14:00 - 15:00	1.8	SSE
15:00 - 16:00	1.9	SSE
16:00 - 17:00	1.4	S
17:00 - 18:00	1.2	SSE
18:00 - 19:00	1.7	SSE
19:00 - 20:00	2.0	SE
20:00 - 21:00	1.7	S
21:00 - 22:00	2.4	SE
22:00 - 23:00	2.0	SSE
23:00 - 24:00	1.6	SSE
00:00 - 01:00	1.4	SE
01:00 - 02:00	1.9	S
02:00 - 03:00	2.1	SSE
03:00 - 04:00	1.0	SE
04:00 - 05:00	1.0	WSW
05:00 - 06:00	1.0	NNE
06:00 - 07:00	0.6	W
07:00 - 08:00	0.1	WSW
08:00 - 09:00	3.0	WNW
09:00 - 10:00	3.9	SSW
10:00 - 11:00	1.6	SSE
11:00 - 12:00	3.0	S
12:00 - 13:00	2.1	S

Wind Rose



WIND SPEED (m/s) - Scale 1:3

File Control :R:\Database\Windrose\FileControl\Win-222008-Wat Map Chalut 20-21 Apr 2023

(Miss Katesarin Vorradetwittaya)
Environmental Scientist

Preeda S.
(Miss Preeda Somjai)
Technical Management Team



Meteorological Monitoring Results : Wind Rose

MTR-PTTGC (HDPE_GC2)

Location : Nurul Hidayah Mosque

Monitor period : 20-21 Apr 2023

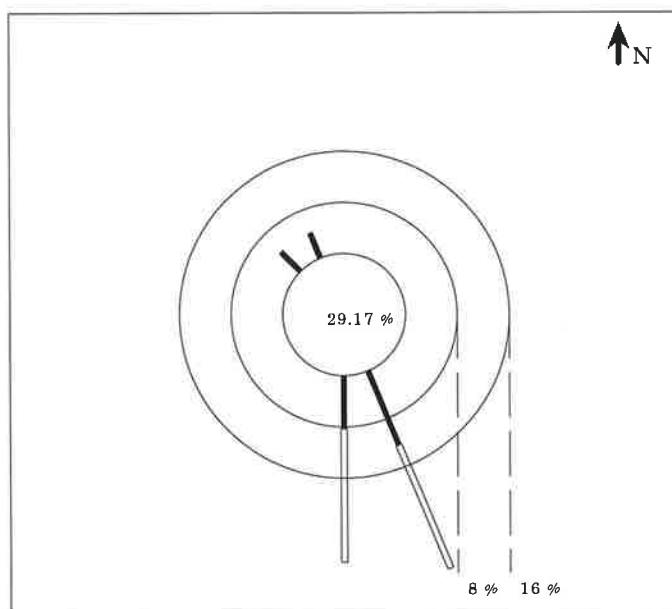
Wind Speed Model : NRG Symphonie

Serial No : 309013914

Wind Direction Model : NRG Symphonie

Serial No : 309013914

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	0.1250	0.2083	0.0000	0.0000	0.0000	0.0000	0.3333
S	0.0833	0.2083	0.0000	0.0000	0.0000	0.0000	0.2917
SSW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
SW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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	0.0417	0.0000	0.0000	0.0000	0.0000	0.0000	0.0417
NNW	0.0417	0.0000	0.0000	0.0000	0.0000	0.0000	0.0417
CALM	0.2917						



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-222008-Nurul Hidayah Mosque 20-21 Apr 2023

(Miss Katesarin Vorradetwittaya)
Environmental Scientist

Preeda S.
(Miss Preeda Somjai)
Technical Management Team



Meteorological Monitoring Results : Wind Rose

MTR-PTTGC (HDPE_GC2)

Location : Nurul Hidayah Mosque

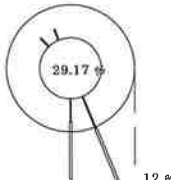
Monitor period : 20-21 Apr 2023

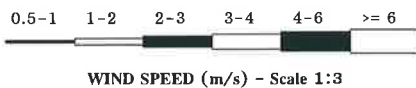
Wind Speed Model : NRG Symphonie

Serial No : 309013914

Wind Direction Model : NRG Symphonie


Serial No : 309013914

Time	20-21 Apr 2023	
	WS(m/s)	WD
13:00 - 14:00	1.6	SSE
14:00 - 15:00	1.4	S
15:00 - 16:00	1.2	S
16:00 - 17:00	1.7	SSE
17:00 - 18:00	1.3	SSE
18:00 - 19:00	1.0	S
19:00 - 20:00	0.8	S
20:00 - 21:00	0.6	SSE
21:00 - 22:00	0.8	SSE
22:00 - 23:00	1.0	SSE
23:00 - 24:00	0.7	SSE
00:00 - 01:00	0.3	SSE
01:00 - 02:00	0.2	S
02:00 - 03:00	0.2	SSE
03:00 - 04:00	0.1	S
04:00 - 05:00	0.0	NW
05:00 - 06:00	0.1	NNE
06:00 - 07:00	0.1	NW
07:00 - 08:00	0.7	NW
08:00 - 09:00	0.8	NNW
09:00 - 10:00	0.7	S
10:00 - 11:00	1.3	SSE
11:00 - 12:00	1.5	S
12:00 - 13:00	1.6	S
Wind Rose		



File Control :R:\Database\Windrose\FileControl\Win-222008-Nurul Hidayah Mosque 20-21 Apr 2023


 (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.	: 0625/66
SAMPLING BY	: SECOT Co., Ltd.	SAMPLING METHOD	: Subatmospheric Pressure Sampling
SAMPLING DATE	: 20-21/04/2023	ANALYTICAL DATE	: 24/04/2023
SAMPLING TIME	: 14:40-14:11, 14:20-13:50	SAMPLE CONDITION	: Normal
RECEIVED DATE	: 22/04/2023	FILE CODE	: 223008_TO-15_April
REPORT DATE	: 26/04/2023		

Compound	SAMPLING LOCATION						STANDARD (µg/m ³)
	Non Detectable		วัดมาบชอุตสาหกรรม		มัสยิดนูรุลอิคายะห์		
	ppbv	µg/m ³	ppbv	µg/m ³	ppbv	µg/m ³	
Hexane	0.04	0.14	0.13	0.46	0.50	1.76	

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

Jutarat Jaemruen

(Miss Jutarat Jaemruen)

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 : The North of Fence

Monitor Period : 18-25 Apr 2023

SLM Model : Cirrus CR162B

Serial No : G302740

Site Operator : Mr. Sittichai Sawangwongchai

Calibrator Model : Cirrus CR:515

Serial No : 94296

Calibration Ref dB(A) : 94.0

Certified Date : 20 Dec 2022

SLM Reading / Adjust dB(A) : 93.7/0.0

Expire Date : 19 Dec 2023

Cal Sheet No.: CR-515-2023-042

Time	Equivalent Sound Pressure Level (dB(A))						
	18-19 Apr 2023	19-20 Apr 2023	20-21 Apr 2023	21-22 Apr 2023	22-23 Apr 2023	23-24 Apr 2023	24-25 Apr 2023
11:00 - 12:00	69.7	69.5	69.7	70.1	69.9	69.2	70.4
12:00 - 13:00	69.6	69.4	69.4	69.7	69.4	68.6	69.1
13:00 - 14:00	69.8	69.3	69.4	69.8	69.0	68.4	69.3
14:00 - 15:00	69.7	69.4	69.6	69.7	68.9	68.5	69.3
15:00 - 16:00	69.6	69.2	69.7	69.8	68.8	68.5	69.9
16:00 - 17:00	70.0	70.0	69.7	70.3	69.2	69.3	70.7
17:00 - 18:00	70.2	70.4	70.2	70.8	69.7	69.2	70.2
18:00 - 19:00	69.9	70.1	69.9	70.6	69.7	69.8	70.1
19:00 - 20:00	69.5	69.4	69.4	70.0	69.4	69.3	68.9
20:00 - 21:00	69.4	69.2	69.4	69.6	68.8	68.8	68.8
21:00 - 22:00	68.8	68.3	68.2	68.9	67.9	67.9	68.2
22:00 - 23:00	69.5	68.3	68.3	68.7	68.2	68.1	68.3
23:00 - 00:00	68.7	67.6	67.8	68.2	67.8	67.9	67.6
00:00 - 01:00	68.6	67.6	67.6	68.4	68.0	67.6	67.4
01:00 - 02:00	68.7	67.6	67.6	67.9	67.8	67.8	67.2
02:00 - 03:00	68.7	67.5	67.5	67.8	67.5	67.6	67.2
03:00 - 04:00	68.4	67.4	67.5	67.8	67.6	67.7	67.1
04:00 - 05:00	68.5	67.1	67.7	67.8	67.7	68.3	67.9
05:00 - 06:00	68.9	67.0	67.9	68.1	67.7	69.1	68.6
06:00 - 07:00	70.3	67.0	70.4	70.2	69.8	70.6	70.9
07:00 - 08:00	71.2	67.0	71.3	70.8	70.3	71.4	71.6
08:00 - 09:00	70.0	67.0	71.1	69.7	69.7	70.3	70.2
09:00 - 10:00	69.7	67.0	69.3	69.9	68.7	70.2	69.4
10:00 - 11:00	69.6	69.3	69.7	69.1	68.7	70.0	69.5
Leq(24)*	69.5	68.6	69.2	69.4	68.8	69.0	69.3
Ldn	75.5	74.2	74.8	75.1	74.7	75.0	74.9
Lmax **	87.0	86.1	95.2	94.4	93.0	91.3	92.5
Standard-24Hr	70 dB(A)						
Standard-Max	115 dB(A)						

Remark : * Average time between 11:00-11:00

** Maximum Sound Pressure Level between 11:00-11:00

(Miss Katesarin Vorradetwittaya)
Environmental Scientist

Preeda S
(Miss Preeda Somjai)
Technical Management Team



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

Location : The North of Fence

Monitor Period : 18-25 Apr 2023

SLM Model : Cirrus CR162B

Serial No : G302740

Site Operator : Mr. Sittichai Sawangwongchai

Calibrator Model : Cirrus CR:515

Serial No : 94296

Calibration Ref dB(A) : 94.0

Certified Date : 20 Dec 2022

SLM Reading / Adjust dB(A) : 93.7/0.0

Expire Date : 19 Dec 2023

Cal Sheet No.: CR-515-2023-042

Time	L90 (dB(A))						
	18-19 Apr 2023	19-20 Apr 2023	20-21 Apr 2023	21-22 Apr 2023	22-23 Apr 2023	23-24 Apr 2023	24-25 Apr 2023
11:00 - 12:00	67.7	66.6	66.4	66.4	66.6	66.6	66.6
12:00 - 13:00	67.5	66.5	66.6	66.4	66.7	66.5	66.1
13:00 - 14:00	67.7	66.6	66.7	66.6	66.7	66.5	65.8
14:00 - 15:00	67.8	66.9	67.0	66.7	66.7	66.6	66.0
15:00 - 16:00	67.6	66.5	67.3	66.5	66.6	66.6	66.7
16:00 - 17:00	67.6	66.9	66.7	67.3	66.7	66.7	67.8
17:00 - 18:00	67.8	67.5	66.9	67.2	66.9	66.7	66.2
18:00 - 19:00	67.7	67.5	66.7	67.1	67.0	67.3	66.2
19:00 - 20:00	67.8	66.9	66.9	67.7	66.7	67.0	66.0
20:00 - 21:00	67.7	66.9	67.6	66.8	66.6	66.8	65.9
21:00 - 22:00	67.6	66.7	66.6	66.8	66.7	66.7	65.9
22:00 - 23:00	67.7	66.7	66.6	66.9	66.8	66.7	66.3
23:00 - 00:00	67.6	66.6	66.5	66.8	66.6	66.7	66.3
00:00 - 01:00	67.6	66.6	66.4	66.8	66.6	66.6	66.1
01:00 - 02:00	67.7	66.5	66.4	66.8	66.6	66.7	66.0
02:00 - 03:00	67.6	66.4	66.4	66.8	66.5	66.6	66.0
03:00 - 04:00	67.4	66.4	66.5	66.8	66.5	66.5	66.0
04:00 - 05:00	67.4	66.5	66.5	66.8	66.6	66.8	66.3
05:00 - 06:00	67.4	66.9	66.5	66.8	66.6	67.7	67.0
06:00 - 07:00	67.2	67.0	67.1	67.1	66.8	67.2	67.7
07:00 - 08:00	68.0	67.0	67.4	67.2	66.9	67.5	67.8
08:00 - 09:00	67.3	67.0	66.6	66.9	66.7	67.0	66.8
09:00 - 10:00	67.3	67.0	66.3	66.7	66.6	67.3	66.5
10:00 - 11:00	67.0	66.3	66.5	66.6	66.5	67.3	66.7
L90(avg)*	67.6	66.8	66.7	66.9	66.7	66.9	66.5

Remark : * Average time between 11:00-11:00

(Miss Katesarin Vorradetwittaya)
Environmental Scientist

(Miss Preeda Somjai)
Technical Management Team



Noise Monitoring Result : Community Noise

MTR-PTTGC (HDPE_GC2)

Location : The East of Fence
SLM Model : Cirrus CR162B
Site Operator : Mr. Sittichai Sawangwongchai

Monitor Period : 18-25 Apr 2023
Serial No : G301016

Calibrator Model : Cirrus CR:515
Calibration Ref dB(A) : 94.0
SLM Reading / Adjust dB(A) : 93.7/0.0
Cal Sheet No.: CR-515-2023-042

Serial No : 94296
Certified Date : 20 Dec 2022
Expire Date : 19 Dec 2023

Time	Equivalent Sound Pressure Level (dB(A))						
	18-19 Apr 2023	19-20 Apr 2023	20-21 Apr 2023	21-22 Apr 2023	22-23 Apr 2023	23-24 Apr 2023	24-25 Apr 2023
11:00 - 12:00	68.2	67.5	67.1	67.9	70.2	68.1	68.0
12:00 - 13:00	67.8	67.3	66.8	67.7	69.7	67.8	67.8
13:00 - 14:00	67.9	67.5	66.9	67.4	69.0	67.8	67.6
14:00 - 15:00	68.0	67.8	67.2	67.3	68.0	67.8	67.5
15:00 - 16:00	68.1	67.6	67.0	67.4	68.0	67.9	67.9
16:00 - 17:00	68.0	67.6	67.3	67.5	68.5	68.2	67.8
17:00 - 18:00	68.1	67.7	67.4	67.6	68.7	68.5	67.7
18:00 - 19:00	68.3	67.8	67.2	67.7	68.9	68.4	67.4
19:00 - 20:00	68.3	67.7	67.3	67.9	68.5	68.1	67.3
20:00 - 21:00	68.3	67.6	67.5	68.1	68.5	68.2	67.7
21:00 - 22:00	68.4	67.8	67.2	68.1	68.7	68.2	67.9
22:00 - 23:00	68.3	67.8	67.1	68.0	68.4	68.2	67.7
23:00 - 00:00	68.6	67.8	67.2	67.9	68.4	68.2	67.4
00:00 - 01:00	68.4	67.7	67.2	67.7	68.3	68.2	67.3
01:00 - 02:00	68.2	67.8	67.1	67.7	68.0	68.0	67.6
02:00 - 03:00	68.2	67.8	67.1	67.6	68.0	68.0	67.8
03:00 - 04:00	68.1	67.6	67.1	67.5	67.8	68.0	67.6
04:00 - 05:00	68.2	67.4	67.2	68.0	67.7	68.1	67.3
05:00 - 06:00	67.8	67.4	67.4	68.6	67.8	68.1	67.2
06:00 - 07:00	67.7	67.4	67.3	68.5	67.7	67.9	67.4
07:00 - 08:00	67.7	67.4	67.8	68.5	67.5	67.9	67.7
08:00 - 09:00	67.7	67.6	67.9	68.5	67.5	68.1	67.5
09:00 - 10:00	67.7	67.4	68.1	68.9	67.5	68.2	67.5
10:00 - 11:00	67.6	67.3	68.0	68.3	68.0	68.2	67.5
Leq(24)*	68.1	67.6	67.3	68.0	68.4	68.1	67.6
Ldn	74.6	74.0	73.6	74.4	74.5	74.5	73.9
Lmax **	77.6	74.9	75.1	76.9	98.3	75.4	73.6
Standard-24Hr	70 dB(A)						
Standard-Max	115 dB(A)						

Remark : * Average time between 11:00-11:00

** Maximum Sound Pressure Level between 11:00-11:00

(Miss Katesarin Vorradetwittaya)
Environmental Scientist

Preeda S.
(Miss Preeda Somjai)
Technical Management Team



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

Location : The East of Fence

Monitor Period : 18-25 Apr 2023

SLM Model : Cirrus CR162B

Serial No : G301016

Site Operator : Mr. Sittichai Sawangwongchai

Calibrator Model : Cirrus CR:515

Serial No : 94296

Calibration Ref dB(A) : 94.0

Certified Date : 20 Dec 2022

SLM Reading / Adjust dB(A) : 93.7/0.0

Expire Date : 19 Dec 2023

Cal Sheet No.: CR-515-2023-042

Time	L90 (dB(A))						
	18-19 Apr 2023	19-20 Apr 2023	20-21 Apr 2023	21-22 Apr 2023	22-23 Apr 2023	23-24 Apr 2023	24-25 Apr 2023
11:00 - 12:00	67.8	67.1	66.8	67.6	67.9	67.8	67.7
12:00 - 13:00	67.6	67.0	66.6	67.3	69.1	67.5	67.5
13:00 - 14:00	67.6	67.1	66.6	67.1	67.8	67.5	67.4
14:00 - 15:00	67.7	67.1	66.8	66.9	67.7	67.5	67.2
15:00 - 16:00	67.8	67.2	66.8	66.9	67.7	67.6	67.6
16:00 - 17:00	67.7	67.1	67.1	67.2	68.1	68.0	67.6
17:00 - 18:00	67.8	67.2	67.1	67.3	68.4	68.2	67.3
18:00 - 19:00	67.9	67.4	66.9	67.4	68.5	68.2	67.2
19:00 - 20:00	67.9	67.3	67.0	67.6	68.1	68.0	67.1
20:00 - 21:00	68.0	67.2	67.2	67.8	68.1	68.0	67.4
21:00 - 22:00	68.0	67.4	67.0	67.8	68.3	67.9	67.6
22:00 - 23:00	68.0	67.5	66.9	67.7	68.1	68.0	67.3
23:00 - 00:00	68.3	67.6	67.0	67.6	68.1	68.0	67.2
00:00 - 01:00	68.1	67.5	66.9	67.5	68.0	68.0	67.1
01:00 - 02:00	68.0	67.5	66.9	67.4	67.7	67.8	67.3
02:00 - 03:00	67.9	67.5	66.9	67.3	67.8	67.8	67.5
03:00 - 04:00	67.9	67.3	66.9	67.2	67.5	67.8	67.2
04:00 - 05:00	67.9	67.2	66.9	67.4	67.5	67.9	67.1
05:00 - 06:00	67.5	67.2	67.1	68.4	67.6	67.9	66.9
06:00 - 07:00	67.5	67.2	67.0	68.3	67.4	67.7	67.1
07:00 - 08:00	67.6	67.2	67.5	68.3	67.3	67.7	67.5
08:00 - 09:00	67.7	67.3	67.7	68.3	67.3	67.9	67.2
09:00 - 10:00	67.7	67.2	67.8	68.3	67.3	68.1	67.2
10:00 - 11:00	67.2	67.0	67.7	68.0	67.6	68.1	67.2
L90(avg)*	67.8	67.3	67.1	67.6	67.9	67.9	67.3

Remark : * Average time between 11:00-11:00

(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.	: 0036/66
SAMPLING BY	: SECOT Co., Ltd.	SAMPLING METHOD	: Grab
SAMPLING DATE	: 09/01/2023	SAMPLING TIME	: 15.15
RECEIVED DATE	: 10/01/2023	ANALYTICAL DATE	: 10-16/01/2023
REPORT DATE	: 17/01/2023	SITE OPERATOR	: Mr. Chitpon Somprasong
SAMPLE CONDITION	: Normal	FILE CODE	: 223008_WW_January

PARAMETER	UNIT	ANALYSIS METHODS	ND (non-detectable)	STATION	STANDARD ^{1/}
				ถึงตรวจสอบคุณภาพน้ำเสียที่ ผ่านการบำบัดขั้นต้น	
Temperature	°C	2550 B	< 0.5	37.2	≤ 40
pH	-	4500-H ⁺ B	< 0.10	7.20	6.0 - 8.0
Total Dissolved Solids	mg/l	2540 C	< 50	4,440	≤ 20,000
Total Suspended Solids	mg/l	2540 D	< 5	54	≤ 300
Fat Oil & Grease	mg/l	5520 B	< 0.50	ND	≤ 25
BOD ₅	mg/l	5210 B	< 1.0	3.3	≤ 50
COD	mg/l	5220 C	< 15.00	34.33	≤ 200

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



(Miss Khemchuda Insorn)

Analyst

REG. NO. ว-239-ท-5976



(Mrs. Araya Tipparuk)

Technical Management Team

REG. NO. ว-239-ท-5863

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WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: PTT Global Chemical Public Co., Ltd (HDPE_GC2)	REQUEST SERVICE No.	: 0170/66
SAMPLING BY	: SECOT Co., Ltd.	SAMPLING METHOD	: Grab
SAMPLING DATE	: 06/02/2023	SAMPLING TIME	: 13.25
RECEIVED DATE	: 07/02/2023	ANALYTICAL DATE	: 07-14/02/2023
REPORT DATE	: 14/02/2023	SITE OPERATOR	: Mr. Chitpon Somprasong
SAMPLE CONDITION	: Normal	FILE CODE	: 223008_WW_February

PARAMETER	UNIT	ANALYSIS METHODS	ND (non-detectable)	STATION	
				ถังตรวจสอบคุณภาพน้ำเสียที่ ผ่านการบำบัดขั้นต้น	STANDARD ^{1/}
Temperature	°C	2550 B	< 0.5	36.5	≤ 40
pH	-	4500-H ⁺ B	< 0.10	7.28	6.0 - 8.0
Total Dissolved Solids	mg/l	2540 C	< 50	5,840	≤ 20,000
Total Suspended Solids	mg/l	2540 D	< 5	11	≤ 300
Fat Oil & Grease	mg/l	5520 B	< 0.50	ND	≤ 25
BOD ₅	mg/l	5210 B	< 1.0	3.2	≤ 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. ว-239-ท-5976



(Mrs. Araya Tipparuk)

Technical Management Team

REG. NO. ว-239-ท-5863

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WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: PTT Global Chemical Public Co., Ltd (HDPE_GC2)	REQUEST SERVICE No.	: 0364/66
SAMPLING BY	: SECOT Co., Ltd.	SAMPLING METHOD	: Grab
SAMPLING DATE	: 07/03/2023	SAMPLING TIME	: 14.50
RECEIVED DATE	: 08/03/2023	ANALYTICAL DATE	: 08-15/03/2023
REPORT DATE	: 16/03/2023	SITE OPERATOR	: Mr. Chitpon Somprasong
SAMPLE CONDITION	: Normal	FILE CODE	: 223008_WW_March

PARAMETER	UNIT	ANALYSIS METHODS	ND (non-detectable)	STATION	STANDARD ^{1/}
				ถึงตรวจสอบคุณภาพน้ำเสียที่ ผ่านการบำบัดขั้นต้น	
Temperature	°C	2550 B	< 0.5	38.8	< 40
pH		4500-H ⁺ B	< 0.10	7.18	6.0 - 8.0
Total Dissolved Solids	mg/l	2540 C	< 50	4,890	≤ 20,000
Total Suspended Solids	mg/l	2540 D	< 5	46	≤ 300
Fat Oil & Grease	mg/l	5520 B	< 0.50	ND	≤ 25
BOD ₅	mg/l	5210 B	< 1.0	2.6	≤ 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. ว-239-ก-5976



(Mrs. Araya Tipparuk)

Technical Management Team

REG. NO. ว-239-ก-5863

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WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: PTT Global Chemical Public Co., Ltd (HDPE_GC2)	REQUEST SERVICE No.	: 0569/66
SAMPLING BY	: SECOT Co., Ltd.	SAMPLING METHOD	: Grab
SAMPLING DATE	: 10/04/2023	SAMPLING TIME	: 11.14
RECEIVED DATE	: 11/04/2023	ANALYTICAL DATE	: 11-20/04/2023
REPORT DATE	: 21/04/2023	SITE OPERATOR	: Mr. Chitpon Somprasong
SAMPLE CONDITION	: Normal	FILE CODE	: 223008_WW_April

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	7.36	6.0 - 8.0
Total Dissolved Solids	mg/l	2540 C	< 50	5,300	≤ 20,000
Total Suspended Solids	mg/l	2540 D	< 5	40	≤ 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	41.71	≤ 200

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



(Miss Khemchuda Insorn)

Analyst

REG. NO. 1-239-ก-5976



(Mrs. Araya Tipparuk)

Technical Management Team

REG. NO. 1-239-ก-5863

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WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: PTT Global Chemical Public Co., Ltd (HDPE_GC2)	REQUEST SERVICE No.	: 0713/66
SAMPLING BY	: SECOT Co., Ltd.	SAMPLING METHOD	: Grab
SAMPLING DATE	: 08/05/2023	SAMPLING TIME	: 14.15
RECEIVED DATE	: 09/05/2023	ANALYTICAL DATE	: 09-15/05/2023
REPORT DATE	: 15/05/2023	SITE OPERATOR	: Mr. Chitpon Somprasong
SAMPLE CONDITION	: Normal	FILE CODE	: 223008_WW_May

PARAMETER	UNIT	ANALYSIS METHODS	ND (non-detectable)	STATION	
				ถังตรวจสอบคุณภาพน้ำเสียที่ ผ่านการบำบัดขั้นต้น	STANDARD ^{1/}
Temperature	°C	2550 B	< 0.5	38.2	≤ 40
pH	-	4500-H ⁺ B	< 0.10	7.32	6.0 - 8.0
Total Dissolved Solids	mg/l	2540 C	< 50	4,424	≤ 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	38.92	≤ 200

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



(Miss Khemchuda Insorn)

Analyst

REG. NO. ว-239-ก-5976



(Mrs. Araya Tipparuk)

Technical Management Team

REG. NO. ว-239-ก-5863

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WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: PTT Global Chemical Public Co., Ltd (HDPE_GC2)	REQUEST SERVICE No.	: 0951/66
SAMPLING BY	: SECOT Co., Ltd.	SAMPLING METHOD	: Grab
SAMPLING DATE	: 12/06/2023	SAMPLING TIME	: 13:27
RECEIVED DATE	: 13/06/2023	ANALYTICAL DATE	: 13-19/06/2023
REPORT DATE	: 19/06/2023	SITE OPERATOR	: Mr. Chitpon Somprasong
SAMPLE CONDITION	: Normal	FILE CODE	: 223008_WW_June

PARAMETER	UNIT	ANALYSIS	ND	STATION	STANDARD ^{1/}
		METHODS	(non-detectable)	ถังตรวจสอบคุณภาพน้ำเสียที่	
				ผ่านการบำบัดขั้นต้น	
Temperature	°C	2550 B	< 0.5	33.2	≤ 40
pH	-	4500-H ⁺ B	< 0.10	7.45	6.0-8.0
Total Dissolved Solids	mg/l	2540 C	< 50	4,744	≤ 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	2.5	≤ 50
COD	mg/l	5220 C	< 15.00	20.24	≤ 200

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

(Miss Khemchuda Insorn)

Analyst

REG. NO. ว-239-ก-5976

(Mrs. Araya Tipparuk)

Technical Management Team

REG. NO. ว-239-ก-5863

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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 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

GROUND WATER ANALYSIS REPORT

CLIENT NAME	: PTT Global Chemical Public Co., Ltd	REQUEST SERVICE No.	: 0827/66
	(HDPE_GC2)	SAMPLING METHOD	: Pneumatic Bladder Pump
SAMPLING BY	: SECOT Co., Ltd.	SAMPLING TIME	: 09:32-09:40
SAMPLING DATE	: 24/05/2023	ANALYTICAL DATE	: 26/05/2023
RECEIVED DATE	: 25/05/2023	SITE OPERATOR	: Mr. Baworn Deechaiya
REPORT DATE	: 30/05/2023	FILE CODE	: 223006_GW_May
SAMPLE CONDITION	: Normal		

PARAMETER	UNIT	ANALYSIS METHODS	ND (non-detectable)	STATION	
				บ่อสังเกตการณ์น้ำใต้ดิน ต้นน้ำบริเวณทิศเหนือ ของโรงงาน GC2(I-I,MW-04)	STANDARD ^{1/}
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. ว-239-จ-5827

Araya Tipparuk

(Mrs. Araya Tipparuk)

Technical Management Team

REG. NO. ว-239-ค-5863

- 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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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.	: 0827/66
	(HDPE GC2)	SAMPLING METHOD	: Pneumatic Bladder Pump
SAMPLING BY	: SECOT Co., Ltd.	SAMPLING TIME	: 11:45-11:55
SAMPLING DATE	: 24/05/2023	ANALYTICAL DATE	: 26/05/2023
RECEIVED DATE	: 25/05/2023	SITE OPERATOR	: Mr. Baworn Deechaiya
REPORT DATE	: 30/05/2023	FILE CODE	: 223006_GW_May
SAMPLE CONDITION	: Normal		

PARAMETER	UNIT	ANALYSIS METHODS	ND (non-detectable)	STATION	
				บ่อสังเกตการณ์น้ำใต้ดิน ท้ายน้ำของโรงผลิต สารโอเลฟินส์โรงที่ 1/2(I-1,MW-02)	STANDARD ¹⁾
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. ๖-239-๖-5827

Araya Tipparuk

(Mrs. Araya Tipparuk)

Technical Management Team

REG. NO. ๖-239-๓-5863

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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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.	: 0827/66
	(HDPE_GC2)	SAMPLING METHOD	: Pneumatic Bladder Pump
SAMPLING BY	: SECOT Co., Ltd.	SAMPLING TIME	: 10:11-10:25
SAMPLING DATE	: 24/05/2023	ANALYTICAL DATE	: 26/05/2023
RECEIVED DATE	: 25/05/2023	SITE OPERATOR	: Mr. Baworn Deechaiya
REPORT DATE	: 30/05/2023	FILE CODE	: 223006_GW_May
SAMPLE CONDITION	: Normal		

PARAMETER	UNIT	ANALYSIS METHODS	ND (non-detectable)	STATION	
				บ่อสังเกตการณ์น้ำใต้ดิน ท้ายน้ำบริเวณทิวใต้ของโรงงาน GC2 (I-I,MW-01)	STANDARD ^{1/}
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. ๖-239-๖-5827

Araya Tipparuk

(Mrs. Araya Tipparuk)

Technical Management Team

REG. NO. ๖-239-๓-5863

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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 Company Limited REQUEST SERVICE No. : 1244/64
(HDPE_GC2) SAMPLING METHOD : Hand Auger
SAMPLING BY : SECOT Co., Ltd. SAMPLING TIME : 09:20-09:35
SAMPLING DATE : 04/06/2021 ANALYTICAL DATE : 09/06/2021
RECEIVED DATE : 05/06/2021 SITE OPERATOR : Mr. Chanatip Singkasornsak
REPORT DATE : 16/06/2021 FILE CODE : 221107_Soil_June
SAMPLE CONDITION : Normal

PARAMETER	UNIT	ANALYSIS METHODS	ND (non-detectable)	STATION	
				บ่อฝังกลบการร่อนน้ำใต้ดิน ต้นเก็บบริเวณพิศมณีนี้อย่างโรงงาน GC3 (1-4,MW-04)	STANDARD ^u
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. 1993

Natsiri L.
(Miss Natsiri Lerttapiwat)
Analyst
REG. NO. 7-239-0-6423

(Mrs. Araya Tipparak)
Technical Management Team
REG. NO. 7-239-0-5862

Remark : 1. Reported analysis refers to submitted sample only.
2. This report shall not be reproduced, except in full, without official approval.
3. ^u Notification of the Ministry of Industry, B.E.2559 (2016).
4. - Not available.



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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 Company Limited REQUEST SERVICE No. : 1320/64
(HDPE_GC2) SAMPLING METHOD : Hand Auger
SAMPLING BY : SECOT Co., Ltd. SAMPLING TIME : 13:25-13:35
SAMPLING DATE : 15/06/2021 ANALYTICAL DATE : 16-17/06/2021
RECEIVED DATE : 16/06/2021 SITE OPERATOR : Mr. Wacharakan Premakhae
REPORT DATE : 29/06/2021 FILE CODE : 221107_Soil_June
SAMPLE CONDITION : Normal

PARAMETER	UNIT	ANALYSIS METHODS	ND (non-detectable)	STATION	
				บ่อฝังกลบการร่อนน้ำใต้ดินท้ายน้ำ ของโรงผลิตสารไอโซพีนส์ โรงที่ 1/2(MFW02)	STANDARD ^u
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. 1993

Natsiri L.
(Miss Natsiri Lerttapiwat)
Analyst
REG. NO. 7-239-0-6423

(Mrs. Araya Tipparak)
Technical Management Team
REG. NO. 7-239-0-5862

Remark : 1. Reported analysis refers to submitted sample only.
2. This report shall not be reproduced, except in full, without official approval.
3. ^u Notification of the Ministry of Industry, B.E.2559 (2016).
4. - Not available.



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239 RUDOLONGPRAPA 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 Company Limited , REQUEST SERVICE No. : 1244/64
	(HDPE_GC2)
SAMPLING BY	: SECOT Co., Ltd. SAMPLING METHOD : Hand Auger
SAMPLING DATE	: 04/06/2021 SAMPLING TIME : 10.51-11.10
RECEIVED DATE	: 05/06/2021 ANALYTICAL DATE : 09/06/2021
REPORT DATE	: 16/06/2021 SITE OPERATOR : Mr. Chanatip Singkasemsak
SAMPLE CONDITION	: Normal FILE CODE : 221107_Soil_June

PARAMETER	UNIT	ANALYSIS	ND	STATION	
		METHODS	(non-detectable)	บ่อสังกะสีตกดินน้ำใต้ดิน	
				ดินน้ำมันบริเวณถังเก็บน้ำของโรงงาน GC2(F-1,MW-04)	
n-Hexane	mg/kg	5035A /8260D	< 0.001	ND	≤ 1,000

REFERENCE : USE EPA SW-846 TEST METHODS FOR EVALUATING WATER AND SOLID WASTE, 1st ED. 2002

Natsiri L.
(Miss Natsiri Lertrapiat)
Analyst
REG. NO. 7-239-ท-6423

(Mrs. Araya Tipparuk)
Technical Management Team
REG. NO. 7-239-ท-5863

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

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

3. ¹⁾ Notification of the Ministry of Industry, B.E.2559 (2016).

4. - Not available.

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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

ANALYSIS/TEST REPORT

Customer	: EED/SECOT Co., Ltd.	Request Service No.	: 0209/66
For	: PTT Global Chemical Public Co.,Ltd Branch 2 (HDPE-GC2)	Sampling Date	: 10/02/2023
Address	: 14 I-1 Road, Map Ta Phut Industrial Estate, Muang Rayong District, Rayong Province 21150	Received Date	: 13/02/2023
Tel/Fax	: 0-3892-2100 / -	Test Date	: 13/02/2023
		Report Date	: 20/02/2023

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
บริเวณหน่วยโพลิเมอร์ไรเซชัน	10/02/2023 08:20-08:35	Total Hydrocarbon	THC Analyzer/FID	< 0.10	3.38	-
บริเวณหน่วยปรับปรุงคุณภาพเสกเซน เพื่อนำกลับมาใช้ใหม่	10/02/2023 08:35-08:50	Total Hydrocarbon	THC Analyzer/FID	< 0.10	3.47	-
บริเวณหน่วยทำเม็ดพลาสติก	10/02/2023 08:50-09:05	Total Hydrocarbon	THC Analyzer/FID	< 0.10	6.12	-

Analyst By : Sudaporn Soonthorn
(Miss Sudaporn Soonthorn)

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

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

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

3. ND = non-detectable.

4. - No Standard.



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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

ANALYSIS/TEST REPORT

Customer	: EED/SECOT Co., Ltd.	Request Service No.	: 0209/66
For	: PTT Global Chemical Public Co.,Ltd Branch 2 (HDPE-GC2)	Sampling Date	: 10/02/2023
Address	: 14 I-1 Road, Map Ta Phut Industrial Estate, Muang Rayong District, Rayong Province 21150	Received Date	: 13/02/2023
		Test Date	: 15/02/2023
Tel/Fax	: 0-3892-2100 / -	Report Date	: 20/02/2023

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	10/02/2023	Ethylene	Modif. Intersociety	< 0.01	ND	200
	08:20-08:35		Committee 101/GC FID			
บริเวณหน่วยปรับปรุงคุณภาพเซกเซน เพื่อนำกลับมาใช้ใหม่	10/02/2023	Ethylene	Modif. Intersociety	< 0.01	ND	200
	08:35-08:50		Committee 101/GC FID			
บริเวณหน่วยทำเม็ดพลาสติก	10/02/2023	Ethylene	Modif. Intersociety	< 0.01	ND	200
	08:50-09:05		Committee 101/GC FID			

Analyst By : Sudaporn Soonthorn
(Miss Sudaporn Soonthorn)

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

- Remark :** 1. Reported analysis refers to submitted sample only.
2. This report shall not be reproduced, except in full, without official approval.
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.	: 0209/66
For	: PTT Global Chemical Public Co.,Ltd Branch 2 (HDPE-GC2)	Sampling Date	: 10/02/2023
Address	: 14 I-1 Road, Map Ta Phut Industrial Estate, Muang Rayong District, Rayong Province 21150	Received Date	: 13/02/2023
		Test Date	: 15/02/2023
Tel/Fax	: 0-3892-2100 / -	Report Date	: 20/02/2023

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	10/02/2023 08:20-12:20	n-Hexane	NIOSH 1500/GC FID	< 0.01	ND	50 ^{1/} ,500 ^{2/3/}
บริเวณหน่วยปรับปรุงคุณภาพสีกาเซม เพื่อนำกลับมาใช้ใหม่	10/02/2023 08:35-12:35	n-Hexane	NIOSH 1500/GC FID	< 0.01	0.85	50 ^{1/} ,500 ^{2/3/}
บริเวณหน่วยทำเม็ดพลาสติก	10/02/2023 08:50-12:50	n-Hexane	NIOSH 1500/GC FID	< 0.01	0.63	50 ^{1/} ,500 ^{2/3/}

Analyst By : Sudaporn Soonthorn
(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.	: 0620/66
For	: PTT Global Chemical Public Co.,Ltd Branch 2 (HDPE-GC2)	Sampling Date	: 21/04/2023
Address	: 14 I-1 Road, Map Ta Phut Industrial Estate, Muang Rayong District, Rayong Province 21150	Received Date	: 22/04/2023
Tel/Fax	: 0-3892-2100 / -	Test Date	: 22/04/2023
		Report Date	: 04/05/2023

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	21/04/2023 10:05-10:20	Total Hydrocarbon	THC Analyzer/FID	< 0.10	3.97	-
บริเวณหน่วยปรับปรุงคุณภาพเสกเซน เพื่อนำกลับมาใช้ใหม่	21/04/2023 09:57-10:17	Total Hydrocarbon	THC Analyzer/FID	< 0.10	4.52	-
บริเวณหน่วยทำเม็ดพลาสติก	21/04/2023 09:50-10:10	Total Hydrocarbon	THC Analyzer/FID	< 0.10	4.98	-

Analyst By :

Sudaporn Soonthorn

(Miss Sudaporn Soonthorn)

Approved By :

Narisa Poowasanpetch

(Miss Narisa Poowasanpetch)

Technical Management Team

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

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

3. ND = non-detectable.

4. - No Standard.



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ANALYSIS/TEST REPORT

Customer	: EED/SECOT Co., Ltd.	Request Service No.	: 0620/66
For	: PTT Global Chemical Public Co.,Ltd Branch 2 (HDPE-GC2)	Sampling Date	: 21/04/2023
Address	: 14 I-1 Road, Map Ta Phut Industrial Estate, Muang Rayong District, Rayong Province 21150	Received Date	: 22/04/2023
		Test Date	: 28/04/2023
Tel/Fax	: 0-3892-2100 / -	Report Date	: 04/05/2023

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	21/04/2023	Ethylene	Modif. Intersociety	< 0.01	ND	200
	10:05-10:20		Committee 101/GC FID			
บริเวณหน่วยปรับปรุงคุณภาพเฮกเซน เพื่อนำกลับมาใช้ใหม่	21/04/2023	Ethylene	Modif. Intersociety	< 0.01	ND	200
	09:57-10:17		Committee 101/GC FID			
บริเวณหน่วยทำเม็ดพลาสติก	21/04/2023	Ethylene	Modif. Intersociety	< 0.01	ND	200
	09:50-10:10		Committee 101/GC FID			

Analyst By : Sudaporn Soonthorn
(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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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.	: 0620/66
For	: PTT Global Chemical Public Co.,Ltd Branch 2 (HDPE-GC2)	Sampling Date	: 21/04/2023
Address	: 14 I-1 Road, Map Ta Phut Industrial Estate, Muang Rayong District, Rayong Province 21150	Received Date	: 22/04/2023
		Test Date	: 24/04/2023
Tel/Fax	: 0-3892-2100 / -	Report Date	: 04/05/2023

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
บริเวณหน่วยโพลิเมอร์ไรเซชัน	21/04/2023 10:05-14:05	n-Hexane	NIOSH 1500/GC FID	< 0.01	0.05	50 ^{1/} , 500 ^{2/3/}
บริเวณหน่วยปรับปรุงคุณภาพเสกเซน เพื่อนำกลับมาใช้ใหม่	21/04/2023 09:57-13:57	n-Hexane	NIOSH 1500/GC FID	< 0.01	0.02	50 ^{1/} , 500 ^{2/3/}
บริเวณหน่วยทำเม็ดพลาสติก	21/04/2023 09:50-13:50	n-Hexane	NIOSH 1500/GC FID	< 0.01	0.10	50 ^{1/} , 500 ^{2/3/}

Analyst By : Sudaporn Soonthorn
(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

ใบรับรองผลการตรวจวัดระดับเสียงในสถานที่ทำงาน



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

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

Monitor Period : Mar 09, 2023

SLM Model : Cirrus CR162B

Serial No : G302237

Site Operator : Mr. Phuwadech Kaewjirakulsri

Calibrator Model : Cirrus CR:515

Serial No : 94296

Calibration Ref dB(A) : 94.0

Certified Date : Dec 20, 2022

SLM Reading / Adjust dB(A) : 93.7/0.0

Expire Date : Dec 19, 2023

Cal Sheet No.: CR-515-2023-020

Time	Equivalent Sound Pressure Level (dB(A))	
	Mar 09, 2023	
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	81.4	
09:00 - 10:00	81.4	
10:00 - 11:00	81.2	
11:00 - 12:00	80.7	
12:00 - 13:00	80.4	
13:00 - 14:00	80.4	
14:00 - 15:00	80.5	
15:00 - 16:00	80.7	
16:00 - 17:00	80.7	
17:00 - 18:00	80.8	
18:00 - 19:00	80.7	
19:00 - 20:00	80.6	
20:00 - 21:00		
21:00 - 22:00		
22:00 - 23:00		
23:00 - 24:00		
Leq(12)*	80.8	
Lmax **	90.0	
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

Ladawan W.

(Miss Ladawan Wongcharoen)
Environmental Scientist

Suk Sununta

(Miss Sununta Sirawuttinanon)
Technical Management Team



Noise Monitoring Result : Working Noise

MTR-PTTGC (HDPE_GC2)

Location : Refrigerator (C-821)
 SLM Model : CASELLA CEL-246
 Site Operator : Mr. Phuwadech Kaewjirakulsri

Monitor Period : Mar 23, 2023
 Serial No : 1443817

Calibrator Model : CASELLA CEL120/2
 Calibration Ref dB(A) : 114.0
 SLM Reading / Adjust dB(A) : 114.0/0.0
 Cal Sheet No.: CEL120/2-2023-026

Serial No : 2839225
 Certified Date : Jan 13, 2023
 Expire Date : Jan 12, 2024

Time	Equivalent Sound Pressure Level (dB(A))
	Mar 23, 2023
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	84.2
08:00 - 09:00	83.9
09:00 - 10:00	83.6
10:00 - 11:00	83.5
11:00 - 12:00	83.5
12:00 - 13:00	83.4
13:00 - 14:00	83.5
14:00 - 15:00	83.7
15:00 - 16:00	83.4
16:00 - 17:00	83.7
17:00 - 18:00	84.1
18:00 - 19:00	84.1
19:00 - 20:00	
20:00 - 21:00	
21:00 - 22:00	
22:00 - 23:00	
23:00 - 24:00	
Leq(12)*	83.7
Lmax **	85.9
Standard-12Hr	87 dB(A)
Standard-Max	140 dB(A)

Remark : * Average time between 07:00-19:00

** Maximum Sound Pressure Level between 07:00-19:00

Ladawan W.

(Miss Ladawan Wongcharoen)
 Environmental Scientist

Sununta Sirawuttinanon

(Miss Sununta Sirawuttinanon)
 Technical Management Team



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

Location : Compressor (C-872 A-B)

Monitor Period : Mar 23, 2023

SLM Model : CASELLA CEL-246

Serial No : 1443838

Site Operator : Mr. Phuwadech Kaewjirakulsri

Calibrator Model : CASELLA CEL120/2

Serial No : 2839225

Calibration Ref dB(A) : 114.0

Certified Date : Jan 13, 2023

SLM Reading / Adjust dB(A) : 114.0/0.0

Expire Date : Jan 12, 2024

Cal Sheet No.: CEL120/2-2023-026

Time	Equivalent Sound Pressure Level (dB(A))
	Mar 23, 2023
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	84.8
08:00 - 09:00	84.7
09:00 - 10:00	84.4
10:00 - 11:00	84.3
11:00 - 12:00	84.3
12:00 - 13:00	84.3
13:00 - 14:00	84.4
14:00 - 15:00	84.4
15:00 - 16:00	84.4
16:00 - 17:00	84.4
17:00 - 18:00	84.3
18:00 - 19:00	84.5
19:00 - 20:00	
20:00 - 21:00	
21:00 - 22:00	
22:00 - 23:00	
23:00 - 24:00	
Leq(12)*	84.4
Lmax **	87.5
Standard-12Hr	87 dB(A)
Standard-Max	140 dB(A)

Remark : * Average time between 07:00-19:00

** Maximum Sound Pressure Level between 07:00-19:00

Ladawan W.

(Miss Ladawan Wongcharoen)
Environmental Scientist

Sun Sununtan

(Miss Sununta Sirawuttinanon)
Technical Management Team



Noise Monitoring Result : Working Noise

MTR-PTTGC (HDPE_GC2)

Location : Pelletizer (Z-425)

Monitor Period : Mar 10, 2023

SLM Model : Cirrus CR162B

Serial No : G302237

Site Operator : Mr. Phuwadech Kaewjirakulsri

Calibrator Model : Cirrus CR:515

Serial No : 94296

Calibration Ref dB(A) : 94.0

Certified Date : Dec 20, 2022

SLM Reading / Adjust dB(A) : 93.7/0.0

Expire Date : Dec 19, 2023

Cal Sheet No.: CR-515-2023-021

Time	Equivalent Sound Pressure Level (dB(A))	
	Mar 10, 2023	
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	76.8	
08:00 - 09:00	76.9	
09:00 - 10:00	77.3	
10:00 - 11:00	77.6	
11:00 - 12:00	77.3	
12:00 - 13:00	77.2	
13:00 - 14:00	77.2	
14:00 - 15:00	77.6	
15:00 - 16:00	77.2	
16:00 - 17:00	77.2	
17:00 - 18:00	77.3	
18:00 - 19:00	77.3	
19:00 - 20:00		
20:00 - 21:00		
21:00 - 22:00		
22:00 - 23:00		
23:00 - 24:00		
Leq(12)*	77.2	
Lmax **	93.8	
Standard-12Hr	87 dB(A)	
Standard-Max	140 dB(A)	

Remark : * Average time between 07:00-19:00

** Maximum Sound Pressure Level between 07:00-19:00

Ladawan W.

(Miss Ladawan Wongcharoen)
Environmental Scientist

Sununta Sirawuttinanon

(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.	: 223008 (Cert.)Mar/Noise Dose
	Branch 2 (HDPE2)	INSTRUMENT	: Noise Dosimeter
MEASUREMENT BY	: SECOT Co., Ltd.	CALIBRATOR MODEL	: RC:110A
MEASUREMENT DATE	: 09/03/2023	SERIAL NO.	: 95168
MEASUREMENT LOCATION	: HDPE2	CALIBRATOR TYPE	: Calibrator
SITE OPERATOR	: Miss Mareeyanee Hawac	CALIBRATOR REF.	: 1,000 Hz, 114 dB

OPERATOR ID	RESPONSIBILITY/AREA	TIME	RESULTS		STANDARD*
			% DOSE	TWA 8 hr. (dBA)	TWA 8 hr. (dBA)
30649762	Warehouse : Bagging Packing	07:43-15:43	33.5	80.3	85.0

Ladawan W.

(Miss Ladawan Wongcharoen)

Environmental Scientist

Sununta Sirawuttinanon

(Miss Sununta Sirawuttinanon)

Technical Management Team

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NOISE MEASUREMENT REPORT : NOISE DOSE

CLIENT NAME	: PTT Global Chemical Public Co., Ltd.	REFERENCE NO.	: 223008 (Cert.)Mar/Noise Dose
	Branch 2 (HDPE2)	INSTRUMENT	: Noise Dosimeter
MEASUREMENT BY	: SECOT Co., Ltd.	CALIBRATOR MODEL	: RC:110A
MEASUREMENT DATE	: 23/03/2023	SERIAL NO.	: 95168
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 8 hr. (dBA)	TWA 8 hr. (dBA)
00BB06691	Warehouse : Bagging Packing	07:55-15:55	95.1	84.8	85.0

Ladawan W.

(Miss Ladawan Wongcharoen)

Environmental Scientist

Sununta Sirawuttinanon

(Miss Sununta Sirawuttinanon)

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NOISE MEASUREMENT REPORT : NOISE DOSE

CLIENT NAME	: PTT Global Chemical Public Co., Ltd.	REFERENCE NO.	: 223008 (Cert.)Mar/Noise Dose
	Branch 2 (HDPE2)	INSTRUMENT	: Noise Dosimeter
MEASUREMENT BY	: SECOT Co., Ltd.	CALIBRATOR MODEL	: Pulsar 22 R
MEASUREMENT DATE	: 15/03/2023	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)
26000536	Shift A_Shift Manager : CCB	08:05-19:00	30.7	78.1	83.0

Ladawan W.

(Miss Ladawan Wongcharoen)

Environmental Scientist

Sun Sununta

(Miss Sununta Sirawuttinanon)

Technical Management Team

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NOISE MEASUREMENT REPORT : NOISE DOSE

CLIENT NAME	: PTT Global Chemical Public Co., Ltd.	REFERENCE NO.	: 223008 (Cert.)Mar/Noise Dose
	Branch 2 (HDPE2)	INSTRUMENT	: Noise Dosimeter
MEASUREMENT BY	: SECOT Co., Ltd.	CALIBRATOR MODEL	: RC:110A
MEASUREMENT DATE	: 15/03/2023	SERIAL NO.	: 95168
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)
26002480	Shift A_Senior Operator : CCB	08:14-19:00	5.1	70.4	83.0

Ladawan W.

(Miss Ladawan Wongcharoen)

Environmental Scientist

Suk Sununtan

(Miss Sununta Sirawuttinanon)

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NOISE MEASUREMENT REPORT : NOISE DOSE

CLIENT NAME	: PTT Global Chemical Public Co., Ltd.	REFERENCE NO.	: 223008 (Cert.)Mar/Noise Dose
	Branch 2 (HDPE2)	INSTRUMENT	: Noise Dosimeter
MEASUREMENT BY	: SECOT Co., Ltd.	CALIBRATOR MODEL	: RC:110A
MEASUREMENT DATE	: 15/03/2023	SERIAL NO.	: 95168
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_Field Operator : Section 200	08:03-19:00	25.0	77.2	83.0

Ladawan W

(Miss Ladawan Wongcharoen)

Environmental Scientist

Sununta S

(Miss Sununta Sirawuttinanon)

Technical Management Team

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NOISE MEASUREMENT REPORT : NOISE DOSE

CLIENT NAME	: PTT Global Chemical Public Co., Ltd.	REFERENCE NO.	: 223008 (Cert.)Mar/Noise Dose
	Branch 2 (HDPE2)	INSTRUMENT	: Noise Dosimeter
MEASUREMENT BY	: SECOT Co., Ltd.	CALIBRATOR MODEL	: RC:110A
MEASUREMENT DATE	: 15/03/2023	SERIAL NO.	: 95168
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)
26002363	Shift A_Field Operator : Section 400	08:11-19:00	94.9	83.0	83.0

Ladawan W.

(Miss Ladawan Wongcharoen)

Environmental Scientist

Sununta Sirawuttinanon

(Miss Sununta Sirawuttinanon)

Technical Management Team

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NOISE MEASUREMENT REPORT : NOISE DOSE

CLIENT NAME	: PTT Global Chemical Public Co., Ltd.	REFERENCE NO.	: 223008 (Cert.)Mar/Noise Dose
	Branch 2 (HDPE2)	INSTRUMENT	: Noise Dosimeter
MEASUREMENT BY	: SECOT Co., Ltd.	CALIBRATOR MODEL	: Pulsar 22 R
MEASUREMENT DATE	: 15/03/2023	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 700	08:02-19:00	57.5	80.9	83.0

Ladawan W.

(Miss Ladawan Wongcharoen)

Environmental Scientist

Sun Sununta

(Miss Sununta Sirawuttinanon)

Technical Management Team

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NOISE MEASUREMENT REPORT : NOISE DOSE

CLIENT NAME	: PTT Global Chemical Public Co., Ltd.	REFERENCE NO.	: 223008 (Cert.)Mar/Noise Dose
	Branch 2 (HDPE2)	INSTRUMENT	: Noise Dosimeter
MEASUREMENT BY	: SECOT Co., Ltd.	CALIBRATOR MODEL	: Pulsar 22 R
MEASUREMENT DATE	: 15/03/2023	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)
26008463	Shift A_Field Operator : Section 700	07:37-18:50	37.9	79.1	83.0

Ladawan W.

(Miss Ladawan Wongcharoen)

Environmental Scientist

Sun Sununtan

(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.	: 223008 (Cert.)Mar/Noise Dose
	Branch 2 (HDPE2)	INSTRUMENT	: Noise Dosimeter
MEASUREMENT BY	: SECOT Co., Ltd.	CALIBRATOR MODEL	: RC:110A
MEASUREMENT DATE	: 15/03/2023	SERIAL NO.	: 95168
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 700	07:39-19:00	64.8	81.4	83.0

Ladawan W.

(Miss Ladawan Wongcharoen)

Environmental Scientist

Sul Sununta

(Miss Sununta Sirawuttinanon)

Technical Management Team

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NOISE MEASUREMENT REPORT : NOISE DOSE

CLIENT NAME	: PTT Global Chemical Public Co., Ltd.	REFERENCE NO.	: 223008 (Cert.)Apr/Noise Dose
	Branch 2 (HDPE2)	INSTRUMENT	: Noise Dosimeter
MEASUREMENT BY	: SECOT Co., Ltd.	CALIBRATOR MODEL	: Pulsar 22 R
MEASUREMENT DATE	: 03/04/2023	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)
26002363	Shift A_Field Operator : Section 400	08:02-19:00	65.2	81.4	83.0

Ladawan W.
(Miss Ladawan Wongcharoen)

Environmental Scientist

Sununta Sirawuttinanon
(Miss Sununta Sirawuttinanon)

Technical Management Team

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NOISE MEASUREMENT REPORT : NOISE DOSE

CLIENT NAME	: PTT Global Chemical Public Co., Ltd.	REFERENCE NO.	: 223008 (Cert.)Mar/Noise Dose
	Branch 2 (HDPE2)	INSTRUMENT	: Noise Dosimeter
MEASUREMENT BY	: SECOT Co., Ltd.	CALIBRATOR MODEL	: RC:110A
MEASUREMENT DATE	: 10/03/2023	SERIAL NO.	: 95168
MEASUREMENT LOCATION	: HDPE2	CALIBRATOR TYPE	: Calibrator
SITE OPERATOR	: Miss Wiraya Patchimboom	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)
26000350	Shift B_Shift Manager : CCB	07:02-19:00	1.7	65.6	83.0

Ladawan N.

(Miss Ladawan Wongcharoen)

Environmental Scientist

Sununta Sirawuttinanon

(Miss Sununta Sirawuttinanon)

Technical Management Team

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NOISE MEASUREMENT REPORT : NOISE DOSE

CLIENT NAME	PTT Global Chemical Public Co., Ltd.	REFERENCE NO.	223008 (Cert.)Mar/Noise Dose
	Branch 2 (HDPE2)	INSTRUMENT	Noise Dosimeter
MEASUREMENT BY	SECOT Co., Ltd.	CALIBRATOR MODEL	Pulsar 22 R
MEASUREMENT DATE	10/03/2023	SERIAL NO.	79781
MEASUREMENT LOCATION	HDPE2	CALIBRATOR TYPE	Calibrator
SITE OPERATOR	Miss Wiraya Patchimboom	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)
26001761	Shift B_Senior Operator : CCR	07:02-19:00	5.7	70.9	83.0

Ladawan W.

(Miss Ladawan Wongcharoen)

Environmental Scientist

Sununta S.

(Miss Sununta Sirawuttinanon)

Technical Management Team

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NOISE MEASUREMENT REPORT : NOISE DOSE

CLIENT NAME	: PTT Global Chemical Public Co., Ltd.	REFERENCE NO.	: 223008 (Cert.)Mar/Noise Dose
	Branch 2 (HDPE2)	INSTRUMENT	: Noise Dosimeter
MEASUREMENT BY	: SECOT Co., Ltd.	CALIBRATOR MODEL	: RC:110A
MEASUREMENT DATE	: 10/03/2023	SERIAL NO.	: 95168
MEASUREMENT LOCATION	: HDPE2	CALIBRATOR TYPE	: Calibrator
SITE OPERATOR	: Miss Wiraya Patchimboom	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)
26002378	Shift B_Field Operator : Section 400	07:01-19:00	15.8	75.3	83.0

Ladawan W.

(Miss Ladawan Wongcharoen)

Environmental Scientist

Sun S.

(Miss Sununta Sirawuttinanon)

Technical Management Team

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NOISE MEASUREMENT REPORT : NOISE DOSE

CLIENT NAME	: PTT Global Chemical Public Co., Ltd.	REFERENCE NO.	: 223008 (Cert.)Mar/Noise Dose
	Branch 2 (HDPE2)	INSTRUMENT	: Noise Dosimeter
MEASUREMENT BY	: SECOT Co., Ltd.	CALIBRATOR MODEL	: Pulsar 22 R
MEASUREMENT DATE	: 10/03/2023	SERIAL NO.	: 79781
MEASUREMENT LOCATION	: HDPE2	CALIBRATOR TYPE	: Calibrator
SITE OPERATOR	: Miss Wiraya Patchimboom	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)
26006174	Shift B_Field Operator : Section 400/2	07:00-19:00	34.8	78.7	83.0

Ladawan W.

(Miss Ladawan Wongcharoen)

Environmental Scientist

Sununta Sirawuttinanon

(Miss Sununta Sirawuttinanon)

Technical Management Team

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NOISE MEASUREMENT REPORT : NOISE DOSE

CLIENT NAME	: PTT Global Chemical Public Co., Ltd.	REFERENCE NO.	: 223008 (Cert.)Mar/Noise Dose
	Branch 2 (HDPE2)	INSTRUMENT	: Noise Dosimeter
MEASUREMENT BY	: SECOT Co., Ltd.	CALIBRATOR MODEL	: RC:110A
MEASUREMENT DATE	: 10/03/2023	SERIAL NO.	: 95168
MEASUREMENT LOCATION	: HDPE2	CALIBRATOR TYPE	: Calibrator
SITE OPERATOR	: Miss Wiraya Patchimboom	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)
26002489	Shift B_Field Operator : Section 700	07:01-19:00	34.7	78.7	83.0

Ladawan W.

(Miss Ladawan Wongcharoen)

Environmental Scientist

Sunh Sununtan

(Miss Sununta Sirawuttinanon)

Technical Management Team

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NOISE MEASUREMENT REPORT : NOISE DOSE

CLIENT NAME	: PTT Global Chemical Public Co., Ltd.	REFERENCE NO.	: 223008 (Cert.)Mar/Noise Dose
	Branch 2 (HDPE2)	INSTRUMENT	: Noise Dosimeter
MEASUREMENT BY	: SECOT Co., Ltd.	CALIBRATOR MODEL	: Pulsar 22 R
MEASUREMENT DATE	: 30/03/2023	SERIAL NO.	: 79781
MEASUREMENT LOCATION	: HDPE2	CALIBRATOR TYPE	: Calibrator
SITE OPERATOR	: Miss Wiraya Patchimboom	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)
26001758	Shift B_Senior Operator : Section 200	07:05-18:45	67.2	81.5	83.0

Ladawan W.

(Miss Ladawan Wongcharoen)

Environmental Scientist

Sununta S.

(Miss Sununta Sirawuttinanon)

Technical Management Team

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NOISE MEASUREMENT REPORT : NOISE DOSE

CLIENT NAME	: PTT Global Chemical Public Co., Ltd.	REFERENCE NO.	: 223008 (Cert.)Mar/Noise Dose
	Branch 2 (HDPE2)	INSTRUMENT	: Noise Dosimeter
MEASUREMENT BY	: SECOT Co., Ltd.	CALIBRATOR MODEL	: Pulsar 22 R
MEASUREMENT DATE	: 30/03/2023	SERIAL NO.	: 79781
MEASUREMENT LOCATION	: HDPE2	CALIBRATOR TYPE	: Calibrator
SITE OPERATOR	: Miss Wiraya Patchimboom	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)
26001715	Shift B_Senior Operator : Section 400/1	07:05-18:42	72.3	81.8	83.0

Ladawan W.

(Miss Ladawan Wongcharoen)

Environmental Scientist

Sun Sununta

(Miss Sununta Sirawuttinanon)

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NOISE MEASUREMENT REPORT : NOISE DOSE

CLIENT NAME	: PTT Global Chemical Public Co., Ltd.	REFERENCE NO.	: 223008 (Cert.)Mar/Noise Dose
	Branch 2 (HDPE2)	INSTRUMENT	: Noise Dosimeter
MEASUREMENT BY	: SECOT Co., Ltd.	CALIBRATOR MODEL	: Pulsar 22 R
MEASUREMENT DATE	: 23/03/2023	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)
26001720	Shift C_Shift Manager : CCB	07:29-19:00	10.5	73.5	83.0

Ladawan W.

(Miss Ladawan Wongcharoen)

Environmental Scientist

Sununta S.

(Miss Sununta Sirawuttinanon)

Technical Management Team

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NOISE MEASUREMENT REPORT : NOISE DOSE

CLIENT NAME	: PTT Global Chemical Public Co., Ltd.	REFERENCE NO.	: 223008 (Cert.)Mar/Noise Dose
	Branch 2 (HDPE2)	INSTRUMENT	: Noise Dosimeter
MEASUREMENT BY	: SECOT Co., Ltd.	CALIBRATOR MODEL	: RC:110A
MEASUREMENT DATE	: 23/03/2023	SERIAL NO.	: 95168
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)
26002483	Shift C_Senior Operator : CCB	07:27-19:00	22.9	76.9	83.0

Ladawan W.

(Miss Ladawan Wongcharoen)

Environmental Scientist

Sun. Sununtan

(Miss Sununta Sirawuttinanon)

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NOISE MEASUREMENT REPORT : NOISE DOSE

CLIENT NAME	: PTT Global Chemical Public Co., Ltd.	REFERENCE NO.	: 223008 (Cert.)Mar/Noise Dose
	Branch 2 (HDPE2)	INSTRUMENT	: Noise Dosimeter
MEASUREMENT BY	: SECOT Co., Ltd.	CALIBRATOR MODEL	: Pulsar 22 R
MEASUREMENT DATE	: 23/03/2023	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)
26002089	Shift C_Senior Operator : CCB	07:28-19:00	18.7	76.0	83.0

Ladawan W.

(Miss Ladawan Wongcharoen)

Environmental Scientist

Sun S.

(Miss Sununta Sirawuttinanon)

Technical Management Team

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NOISE MEASUREMENT REPORT : NOISE DOSE

CLIENT NAME	: PTT Global Chemical Public Co., Ltd.	REFERENCE NO.	: 223008 (Cert.)Mar/Noise Dose
	Branch 2 (HDPE2)	INSTRUMENT	: Noise Dosimeter
MEASUREMENT BY	: SECOT Co., Ltd.	CALIBRATOR MODEL	: RC:110A
MEASUREMENT DATE	: 23/03/2023	SERIAL NO.	: 95168
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	07:28-17:35	39.0	79.2	83.0



(Miss Ladawan Wongcharoen)

Environmental Scientist



(Miss Sununta Sirawuttinanon)

Technical Management Team

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 5. TWA means Time Weighted Average.



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NOISE MEASUREMENT REPORT : NOISE DOSE

CLIENT NAME	: PTT Global Chemical Public Co., Ltd.	REFERENCE NO.	: 223008 (Cert.)Mar/Noise Dose
	Branch 2 (HDPE2)	INSTRUMENT	: Noise Dosimeter
MEASUREMENT BY	: SECOT Co., Ltd.	CALIBRATOR MODEL	: RC:110A
MEASUREMENT DATE	: 23/03/2023	SERIAL NO.	: 95168
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 : Section 400/1	07:28-19:00	89.9	82.8	83.0

Ladawan W.

(Miss Ladawan Wongcharoen)

Environmental Scientist

Sununta Sirawuttinanon

(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.	: 223008 (Cert.)Mar/Noise Dose
	Branch 2 (HDPE2)	INSTRUMENT	: Noise Dosimeter
MEASUREMENT BY	: SECOT Co., Ltd.	CALIBRATOR MODEL	: Pulsar 22 R
MEASUREMENT DATE	: 23/03/2023	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)
26008133	Shift C_Field Operator : Section 400/2	07:29-19:00	48.0	80.1	83.0

Ladawan W.

(Miss Ladawan Wongcharoen)

Environmental Scientist

Sun Sununta

(Miss Sununta Sirawuttinanon)

Technical Management Team

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NOISE MEASUREMENT REPORT : NOISE DOSE

CLIENT NAME	: PTT Global Chemical Public Co., Ltd.	REFERENCE NO.	: 223008 (Cert.)Mar/Noise Dose
	Branch 2 (HDPE2)	INSTRUMENT	: Noise Dosimeter
MEASUREMENT BY	: SECOT Co., Ltd.	CALIBRATOR MODEL	: RC:110A
MEASUREMENT DATE	: 23/03/2023	SERIAL NO.	: 95168
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 C_Field Operator : Section 700	07:30-19:00	49.1	80.2	83.0



(Miss Ladawan Wongcharoen)

Environmental Scientist



(Miss Sununta Sirawuttinanon)

Technical Management Team

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NOISE MEASUREMENT REPORT : NOISE DOSE

CLIENT NAME	: PTT Global Chemical Public Co., Ltd.	REFERENCE NO.	: 223008 (Cert.)Mar/Noise Dose
	Branch 2 (HDPE2)	INSTRUMENT	: Noise Dosimeter
MEASUREMENT BY	: SECOT Co., Ltd.	CALIBRATOR MODEL	: RC:110A
MEASUREMENT DATE	: 09/03/2023	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)
26001759	Shift D_Shift Manager : CCB	07:44-19:00	1.0	63.5	83.0

Ladawan W.

(Miss Ladawan Wongcharoen)

Environmental Scientist

Sun Suthamon

(Miss Sununta Sirawuttinanon)

Technical Management Team

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NOISE MEASUREMENT REPORT : NOISE DOSE

CLIENT NAME	: PTT Global Chemical Public Co., Ltd.	REFERENCE NO.	: 223008 (Cert.)Mar/Noise Dose
	Branch 2 (HDPE2)	INSTRUMENT	: Noise Dosimeter
MEASUREMENT BY	: SECOT Co., Ltd.	CALIBRATOR MODEL	: Pulsar 22 R
MEASUREMENT DATE	: 09/03/2023	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 ^{1/, 2/}
			% DOSE	TWA 12 hr. (dBA)	TWA 12 hr. (dBA)
26001721	Shift D_Senior Operator : CO	07:44-19:00	6.5	71.4	83.0

Ladawan W.

(Miss Ladawan Wongcharoen)

Environmental Scientist

Sununta S.

(Miss Sununta Sirawuttinanon)

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NOISE MEASUREMENT REPORT : NOISE DOSE

CLIENT NAME	: PTT Global Chemical Public Co., Ltd.	REFERENCE NO.	: 223008 (Cert.)Mar/Noise Dose
	Branch 2 (HDPE2)	INSTRUMENT	: Noise Dosimeter
MEASUREMENT BY	: SECOT Co., Ltd.	CALIBRATOR MODEL	: RC:110A
MEASUREMENT DATE	: 09/03/2023	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_Field Operator : CO	07:45-19:00	7.7	72.2	83.0

Ladawan W.

(Miss Ladawan Wongcharoen)

Environmental Scientist

Sununta Sirawuttinanon

(Miss Sununta Sirawuttinanon)

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NOISE MEASUREMENT REPORT : NOISE DOSE

CLIENT NAME	: PTT Global Chemical Public Co., Ltd.	REFERENCE NO.	: 223008 (Cert.)Mar/Noise Dose
	Branch 2 (HDPE2)	INSTRUMENT	: Noise Dosimeter
MEASUREMENT BY	: SECOT Co., Ltd.	CALIBRATOR MODEL	: RC:110A
MEASUREMENT DATE	: 09/03/2023	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 D_Field Operator : Section 400/1	07:43-19:00	67.6	81.5	83.0

Ladawan W.

(Miss Ladawan Wongcharoen)

Environmental Scientist

Sununta Sirawuttinanon

(Miss Sununta Sirawuttinanon)

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NOISE MEASUREMENT REPORT : NOISE DOSE

CLIENT NAME	: PTT Global Chemical Public Co., Ltd.	REFERENCE NO.	: 223008 (Cert.)Mar/Noise Dose
	Branch 2 (HDPE2)	INSTRUMENT	: Noise Dosimeter
MEASUREMENT BY	: SECOT Co., Ltd.	CALIBRATOR MODEL	: Pulsar 22 R
MEASUREMENT DATE	: 09/03/2023	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 ^{1/, 2/}
			% DOSE	TWA 12 hr. (dBA)	TWA 12 hr. (dBA)
26008460	Shift D_Field Operator : Section 400/2	07:43-19:00	59.8	81.0	83.0

Ladawan W.

(Miss Ladawan Wongcharoen)

Environmental Scientist

Sun Sununtana

(Miss Sununta Sirawuttinanon)

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NOISE MEASUREMENT REPORT : NOISE DOSE

CLIENT NAME	: PTT Global Chemical Public Co., Ltd.	REFERENCE NO.	: 223008 (Cert.)Mar/Noise Dose
	Branch 2 (HDPE2)	INSTRUMENT	: Noise Dosimeter
MEASUREMENT BY	: SECOT Co., Ltd.	CALIBRATOR MODEL	: Pulsar 22 R
MEASUREMENT DATE	: 09/03/2023	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 ^{1/, 2/}
			% DOSE	TWA 12 hr. (dBA)	TWA 12 hr. (dBA)
26006411	Shift D_Field Operator : Section 700	07:44-19:00	34.7	78.7	83.0

Ladawan W.

(Miss Ladawan Wongcharoen)

Environmental Scientist

Sununta S.

(Miss Sununta Sirawuttinanon)

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MEASUREMENT BY	: SECOT Co., Ltd.	CALIBRATOR MODEL	: Pulsar 22 R
MEASUREMENT DATE	: 09/03/2023	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 ^{1/, 2/}
			% DOSE	TWA 12 hr. (dBA)	TWA 12 hr. (dBA)
26002489	Shift D_Field Operator : Section 700	07:42-19:00	67.0	81.5	83.0

Ladawan W.

(Miss Ladawan Wongcharoen)

Environmental Scientist

Suntha Sunthananon

(Miss Sununta Sirawuttinanon)

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