

ผลการทดสอบคุณภาพอากาศในบรรยากาศ

Request No. ATR6711009

Report No. 6711-0089 - 6711-0095

## TEST REPORT

CUSTOMER : AGC Vinythai Public Co.,Ltd.  
ADDRESS : 202 Moo.1 Suksawasdi Rd.,T. Parkklongbangplakod , A. Prasamutjedi ,Samutprakarn 10290  
SAMPLE SOURCE : AGC Vinythai Public Co.,Ltd.  
SAMPLE NAME : บริเวณขอบเขตรั้วด้านทิศเหนือ  
RECEIVED DATE : 06/11/2024 SAMPLE NO. : A67110089 - A67110095  
TESTED DATE : 06/11/2024-06/11/2024 REPORTED DATE : 07/11/2024

PARAMETER*	TEST METHOD	SAMPLING DATE	RESULT	UNIT
Hydrogen chloride (HCl)	Ion Chromatography Method (OSHA ID 174sg)	17-18/10/2024	< 0.015	mg/m <sup>3</sup>
			< 0.010	ppm
		18-19/10/2024	< 0.015	mg/m <sup>3</sup>
			< 0.010	ppm
		19-20/10/2024	< 0.015	mg/m <sup>3</sup>
			< 0.010	ppm
		20-21/10/2024	< 0.015	mg/m <sup>3</sup>
			< 0.010	ppm
		21-22/10/2024	< 0.015	mg/m <sup>3</sup>
			< 0.010	ppm
		22-23/10/2024	< 0.015	mg/m <sup>3</sup>
			< 0.010	ppm
		23-24/10/2024	< 0.015	mg/m <sup>3</sup>
			< 0.010	ppm

## REMARK:

\* Parameter Outside The Scope of The Registration of The Department of Industrial Works.  
(Sampling By Mr. Apiwat Klangpetch)



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By

Thongchai Boonsak

(Mr. Thongchai Boonsak)

07/11/2024

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WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

Request No. ATR6711009

Report No. 6711-0096 - 6711-0102

## TEST REPORT

CUSTOMER : AGC Vinythai Public Co.,Ltd.  
ADDRESS : 202 Moo.1 Suksawasdi Rd.,T. Parkklongbangplakod , A. Prasamutjedi ,Samutprakarn 10290  
SAMPLE SOURCE : AGC Vinythai Public Co.,Ltd.  
SAMPLE NAME : บริเวณขอบเขตรั้วด้านทิศเหนือ  
RECEIVED DATE : 06/11/2024 SAMPLE NO. : A67110096 - A67110102  
TESTED DATE : 06/11/2024-06/11/2024 REPORTED DATE : 07/11/2024

PARAMETER*	TEST METHOD	SAMPLING DATE	RESULT	UNIT
Chlorine (Cl <sub>2</sub> )	Ion Chromatography Method (OSHA ID 202)	17-18/10/2024	0.838	mg/m <sup>3</sup>
			0.289	ppm
		18-19/10/2024	0.081	mg/m <sup>3</sup>
			0.028	ppm
		19-20/10/2024	0.031	mg/m <sup>3</sup>
			0.011	ppm
		20-21/10/2024	0.122	mg/m <sup>3</sup>
			0.042	ppm
		21-22/10/2024	0.102	mg/m <sup>3</sup>
			0.035	ppm
		22-23/10/2024	0.143	mg/m <sup>3</sup>
			0.049	ppm
		23-24/10/2024	< 0.029	mg/m <sup>3</sup>
			< 0.010	ppm

## REMARK:

\* Parameter Outside The Scope of The Registration of The Department of Industrial Works.

(Sampling By Mr. Apiwat Klangpetch)



บริษัท อีสเทิร์น ไทย คอนซัลติ้ง 1992 จำกัด

Approved By

Thongchai Boonsak

(Mr. Thongchai Boonsak)

07/11/2024

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Request No. ATR6711009

Report No. 6711-0110 - 6711-0116

## TEST REPORT

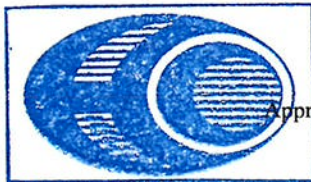
CUSTOMER : AGC Vinythai Public Co.,Ltd.  
ADDRESS : 202 Moo.1 Suksawasdi Rd.,T. Parkklongbangplakod , A. Prasamutjedi ,Samutprakarn 10290  
SAMPLE SOURCE : AGC Vinythai Public Co.,Ltd.  
SAMPLE NAME : บริเวณขอบเขตรั้วด้านทิศใต้  
RECEIVED DATE : 06/11/2024 SAMPLE NO. : A67110110 - A67110116  
TESTED DATE : 06/11/2024-06/11/2024 REPORTED DATE : 07/11/2024

PARAMETER*	TEST METHOD	SAMPLING DATE	RESULT	UNIT
Hydrogen chloride (HCl)	Ion Chromatography Method (OSHA ID 174sg)	17-18/10/2024	< 0.015	mg/m <sup>3</sup>
			< 0.010	ppm
		18-19/10/2024	< 0.015	mg/m <sup>3</sup>
			< 0.010	ppm
		19-20/10/2024	< 0.015	mg/m <sup>3</sup>
			< 0.010	ppm
		20-21/10/2024	< 0.015	mg/m <sup>3</sup>
			< 0.010	ppm
		21-22/10/2024	< 0.015	mg/m <sup>3</sup>
			< 0.010	ppm
		22-23/10/2024	< 0.015	mg/m <sup>3</sup>
			< 0.010	ppm
		23-24/10/2024	< 0.015	mg/m <sup>3</sup>
			< 0.010	ppm

## REMARK:

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(Sampling By Mr. Apiwat Klangpetch)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By

Thongchai Boonsak

(Mr. Thongchai Boonsak)

07/11/2024

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Request No. ATR6711009

Report No. 6711-0117 - 6711-0123

## TEST REPORT

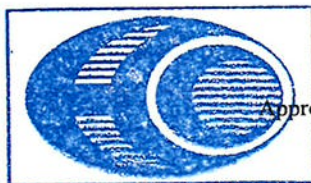
CUSTOMER : AGC Vinythai Public Co.,Ltd.  
ADDRESS : 202 Moo.1 Suksawasdi Rd.,T. Parkklongbangplakod , A. Prasamutjedi ,Samutprakarn 10290  
SAMPLE SOURCE : AGC Vinythai Public Co.,Ltd.  
SAMPLE NAME : บริเวณขอบเขตรั้วด้านทิศใต้  
RECEIVED DATE : 06/11/2024 SAMPLE NO. : A67110117 - A67110123  
TESTED DATE : 06/11/2024-06/11/2024 REPORTED DATE : 07/11/2024

PARAMETER*	TEST METHOD	SAMPLING DATE	RESULT	UNIT
Chlorine (Cl <sub>2</sub> )	Ion Chromatography Method (OSHA ID 202)	17-18/10/2024	0.277	mg/m <sup>3</sup>
			0.096	ppm
		18-19/10/2024	0.061	mg/m <sup>3</sup>
			0.021	ppm
		19-20/10/2024	0.148	mg/m <sup>3</sup>
			0.051	ppm
		20-21/10/2024	0.038	mg/m <sup>3</sup>
			0.013	ppm
		21-22/10/2024	0.125	mg/m <sup>3</sup>
			0.043	ppm
		22-23/10/2024	0.032	mg/m <sup>3</sup>
			0.011	ppm
		23-24/10/2024	0.036	mg/m <sup>3</sup>
			0.012	ppm

## REMARK:

\* Parameter Outside The Scope of The Registration of The Department of Industrial Works.

(Sampling By Mr. Apiwat Klangpetch)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By

Thongchai Boonsak

(Mr. Thongchai Boonsak)

07/11/2024

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Request No. LA67-R1116

Report No. R6711-0293 - R6711-0299

## TEST REPORT

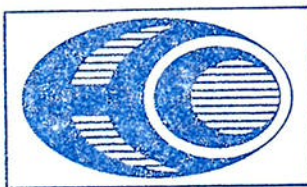
CUSTOMER : AGC Vinythai Public Company Limited  
ADDRESS : 202 Moo 1, Suksawadi Rd., T. Parkklongbangplakod, A. Prasamutjedi, Samutprakarn 10290  
SAMPLE SOURCE : Phra Pradaeng Factory I  
SAMPLE POINT : บริเวณขอบเขตรั้วด้านทิศเหนือ  
PARAMETER\* : Nitrogen Dioxide  
DETERMINATION METHOD : Chemiluminescence  
INSTRUMENT : API Model M200E S/N 3999

SAMPLE NO. : 40883-40889  
SAMPLING DATE : 17-24/10/2024  
RECEIVED DATE : 26/10/2024  
REPORTED DATE : 12/11/2024

TIME / DATE	17-18/10/2024	18-19/10/2024	19-20/10/2024	20-21/10/2024	21-22/10/2024	22-23/10/2024	23-24/10/2024	UNIT
10:00 - 11:00 <sup>2</sup>	0.002	0.005	0.003	0.003	0.002	0.004	0.004	ppm
11:00 - 12:00	0.003	0.004	0.004	0.004	0.004	0.003	0.005	ppm
12:00 - 13:00	0.003	0.004	0.004	0.004	0.003	0.002	0.004	ppm
13:00 - 14:00	0.001	0.004	0.005	0.004	0.002	0.002	0.004	ppm
14:00 - 15:00	0.002	0.003	0.006	0.004	0.002	0.003	0.005	ppm
15:00 - 16:00	0.002	0.005	0.006	0.003	0.003	0.004	0.005	ppm
16:00 - 17:00	0.002	0.005	0.007	0.003	0.003	0.004	0.005	ppm
17:00 - 18:00	0.004	0.006	0.008	0.004	0.002	0.004	0.005	ppm
18:00 - 19:00	0.004	0.005	0.008	0.004	0.002	0.004	0.006	ppm
19:00 - 20:00	0.004	0.005	0.007	0.004	0.005	0.006	0.004	ppm
20:00 - 21:00	0.003	0.004	0.004	0.003	0.003	0.007	0.006	ppm
21:00 - 22:00	0.003	0.002	0.004	0.003	0.003	0.008	0.007	ppm
22:00 - 23:00	0.003	0.002	0.003	0.003	0.003	0.008	0.007	ppm
23:00 - 00:00	0.002	0.002	0.003	0.003	0.004	0.008	0.007	ppm
00:00 - 01:00	0.002	0.003	0.002	0.002	0.006	0.008	0.007	ppm
01:00 - 02:00	0.002	0.003	0.003	0.002	0.007	0.007	0.007	ppm
02:00 - 03:00	0.001	0.003	0.005	0.002	0.008	0.006	0.006	ppm
03:00 - 04:00	0.002	0.005	0.004	0.002	0.005	0.005	0.007	ppm
04:00 - 05:00	0.002	0.005	0.004	0.002	0.005	0.004	0.006	ppm
05:00 - 06:00	0.002	0.006	0.005	0.002	0.006	0.004	0.006	ppm
06:00 - 07:00	0.002	0.007	0.004	0.002	0.006	0.004	0.005	ppm
07:00 - 08:00	0.002	0.008	0.004	0.002	0.006	0.003	0.005	ppm
08:00 - 09:00	0.002	0.006	0.005	0.002	0.006	0.004	0.005	ppm
09:00 - 10:00	0.001	0.005	0.005	0.002	0.005	0.003	0.005	ppm
Maximum 1 hr.	0.004	0.008	0.008	0.004	0.008	0.008	0.007	ppm
Average 24 hr.	0.002	0.004	0.005	0.003	0.004	0.005	0.005	ppm
Standard (1 hr.) <sup>1</sup>	0.17	0.17	0.17	0.17	0.17	0.17	0.17	ppm

REMARK : <sup>1</sup> Notification of The National Environmental Board Volume 33 B.E. 2552 (2009)<sup>2</sup> Start Time

\* Parameter Outside The Scope of The Registration of The Department of Industrial Works  
(Measurement By Mr. Kamkit Kantason)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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Approved By



(MR. THONGCHAI BOONSAK)

12/11/2024



Request No. LA67-R1116

Report No. R6711-0286 - R6711-0292

## TEST REPORT

CUSTOMER : AGC Vinythai Public Company Limited  
ADDRESS : 202 Moo 1, Suksawasdi Rd., T. Parkklongbangplakod, A. Prasamutjedi, Samutprakarn 10290  
SAMPLE SOURCE : Phra Pradaeng Factory 1  
SAMPLE POINT : บริเวณขอบเขตรั้วด้านทิศใต้  
PARAMETER\* : Nitrogen Dioxide  
DETERMINATION METHOD : Chemiluminescence  
INSTRUMENT : API Model T200 S/N 7874

SAMPLE NO. : 40876-40882  
SAMPLING DATE : 17-24/10/2024  
RECEIVED DATE : 26/10/2024  
REPORTED DATE : 12/11/2024

TIME / DATE	17-18/10/2024	18-19/10/2024	19-20/10/2024	20-21/10/2024	21-22/10/2024	22-23/10/2024	23-24/10/2024	UNIT
11:00 - 12:00 <sup>2</sup>	0.007	0.003	0.004	0.003	0.007	0.003	0.003	ppm
12:00 - 13:00	0.003	0.003	0.004	0.003	0.004	0.003	0.004	ppm
13:00 - 14:00	0.003	0.003	0.005	0.003	0.004	0.003	0.003	ppm
14:00 - 15:00	0.002	0.003	0.005	0.003	0.003	0.003	0.003	ppm
15:00 - 16:00	0.003	0.003	0.004	0.003	0.004	0.003	0.003	ppm
16:00 - 17:00	0.003	0.003	0.003	0.003	0.003	0.004	0.003	ppm
17:00 - 18:00	0.004	0.003	0.003	0.003	0.006	0.007	0.003	ppm
18:00 - 19:00	0.003	0.003	0.005	0.003	0.005	0.011	0.003	ppm
19:00 - 20:00	0.002	0.003	0.006	0.003	0.010	0.020	0.003	ppm
20:00 - 21:00	0.002	0.004	0.004	0.003	0.009	0.021	0.003	ppm
21:00 - 22:00	0.003	0.006	0.003	0.003	0.004	0.019	0.004	ppm
22:00 - 23:00	0.002	0.004	0.004	0.003	0.005	0.013	0.003	ppm
23:00 - 00:00	0.002	0.006	0.004	0.008	0.005	0.013	0.003	ppm
00:00 - 01:00	0.002	0.016	0.006	0.017	0.008	0.009	0.007	ppm
01:00 - 02:00	0.002	0.015	0.004	0.005	0.012	0.004	0.008	ppm
02:00 - 03:00	0.002	0.012	0.003	0.004	0.015	0.003	0.010	ppm
03:00 - 04:00	0.003	0.016	0.005	0.006	0.025	0.003	0.007	ppm
04:00 - 05:00	0.002	0.015	0.006	0.004	0.015	0.003	0.005	ppm
05:00 - 06:00	0.002	0.015	0.007	0.006	0.018	0.004	0.009	ppm
06:00 - 07:00	0.003	0.009	0.006	0.009	0.020	0.008	0.014	ppm
07:00 - 08:00	0.003	0.006	0.006	0.006	0.011	0.013	0.007	ppm
08:00 - 09:00	0.003	0.005	0.006	0.006	0.010	0.012	0.007	ppm
09:00 - 10:00	0.004	0.004	0.005	0.007	0.005	0.006	0.007	ppm
10:00 - 11:00	0.003	0.003	0.003	0.008	0.004	0.005	0.003	ppm
Maximum 1 hr.	0.007	0.016	0.007	0.017	0.025	0.021	0.014	ppm
Average 24 hr.	0.003	0.007	0.005	0.005	0.009	0.008	0.005	ppm
Standard (1 hr.) <sup>1</sup>	0.17	0.17	0.17	0.17	0.17	0.17	0.17	ppm

REMARK : <sup>1</sup> Notification of The National Environmental Board Volume 33 B.E. 2552 (2009)<sup>2</sup> Start Time

\* Parameter Outside The Scope of The Registration of The Department of Industrial Works  
(Measurement By Mr. Kamkit Kantason)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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Approved By...



(MR. THONGCHAI BOONSAK)

12/11/2024





ผลการตรวจวัดความเร็วลมและทิศทางลม

## Wind Speed &amp; Wind Direction

Request No. LA67-R1111

AGC Vinythai Public Company Limited

Sample No. 40919

Sampling Source : บริเวณขอบเขตรั้วด้านทิศเหนือ

Sampling Date : October 17-24, 2024

เวลา	October 17-18, 2024		October 18-19, 2024		October 19-20, 2024		October 20-21, 2024		October 21-22, 2024		October 22-23, 2024		October 23-24, 2024	
	ความเร็วลม (เมตร/วินาที)	ทิศทางลม	ความเร็วลม (เมตร/วินาที)	ทิศทางลม	ความเร็วลม (เมตร/วินาที)	ทิศทางลม	ความเร็วลม (เมตร/วินาที)	ทิศทางลม	ความเร็วลม (เมตร/วินาที)	ทิศทางลม	ความเร็วลม (เมตร/วินาที)	ทิศทางลม	ความเร็วลม (เมตร/วินาที)	ทิศทางลม
10:00-11:00	0.4	ESE	0.9	NE	1.3	ENE	1.8	SW	1.8	SE	0.9	E	0.9	NE
11:00-12:00	0.9	E	1.3	NE	1.3	E	2.7	SW	1.3	ESE	0.4	ENE	0.9	NE
12:00-13:00	0.9	WSW	1.3	NE	1.8	SE	2.2	WSW	1.3	SW	0.4	ENE	0.9	WSW
13:00-14:00	1.3	SW	1.3	NE	1.3	SE	2.7	WSW	2.7	WSW	0.9	WSW	0.9	WSW
14:00-15:00	1.8	SW	3.1	W	1.3	SE	2.7	WSW	2.7	W	2.2	WSW	0.9	W
15:00-16:00	1.8	WSW	1.8	NE	1.8	SW	2.2	WSW	2.2	W	1.8	W	1.8	NE
16:00-17:00	1.3	WSW	0.9	E	0.9	SW	1.3	SW	0.9	WSW	1.8	NE	0.9	SE
17:00-18:00	1.3	WSW	1.3	E	1.8	SW	1.3	SW	0.9	E	0.4	WSW	0.9	SW
18:00-19:00	0.9	SW	0.9	ESE	1.3	SW	1.3	WSW	0.4	E	0.4	SE	1.3	SW
19:00-20:00	0.4	SW	0.9	ESE	0.9	SW	0.9	SW	0.4	E	0.4	ESE	0.9	WSW
20:00-21:00	0.9	SW	0.4	ESE	1.3	ESE	0.9	SW	0.9	NE	0.4	SW	0.4	SSE
21:00-22:00	0.4	SW	0.0	-	0.9	ESE	0.9	SW	0.9	NE	0.4	SE	0.4	ENE
22:00-23:00	0.9	SW	0.4	SW	1.3	ESE	0.9	SW	0.4	E	0.4	SE	0.9	E
23:00-00:00	1.3	SW	0.0	-	0.9	ESE	0.9	SW	0.4	SW	0.4	NE	0.4	E
00:00-01:00	1.3	SW	0.4	E	0.9	ESE	0.9	ESE	0.4	SW	0.9	NE	0.4	ESE
01:00-02:00	0.9	SW	0.4	E	0.9	ESE	0.9	SW	0.0	-	0.4	NE	0.0	-
02:00-03:00	0.4	SW	0.4	NE	0.9	ESE	0.4	ESE	0.0	-	0.4	NE	0.4	NE
03:00-04:00	1.3	NE	0.4	NE	0.9	ESE	0.9	SE	0.4	NE	0.4	SW	0.9	E
04:00-05:00	1.3	SW	0.4	NE	1.3	ESE	0.9	SW	0.9	NE	1.3	E	0.9	E
05:00-06:00	0.9	WSW	0.9	E	1.3	ESE	0.4	SW	0.4	NE	0.4	NE	0.9	E
06:00-07:00	0.4	NE	0.9	E	0.9	ESE	0.4	W	0.9	NE	0.4	E	0.9	ESE
07:00-08:00	0.4	E	1.3	E	0.9	ESE	0.4	WSW	1.3	NE	0.4	W	0.9	E
08:00-09:00	0.9	NE	1.3	E	1.3	ESE	0.4	NE	0.9	NE	0.9	NE	1.3	SE
09:00-10:00	1.3	NE	1.3	E	1.3	ESE	1.3	E	0.9	NE	0.9	NE	1.3	SE

COPY



## Wind Speed &amp; Wind Direction

Request No. LA67-R1116

AGC Vinythai Public Company Limited

Sample No. 40918

Sampling Source : บริเวณขอบเขตรั้วด้านทิศใต้

Sampling Date : October 17-24, 2024

เวลา	October 17-18, 2024		October 18-19, 2024		October 19-20, 2024		October 20-21, 2024		October 21-22, 2024		October 22-23, 2024		October 23-24, 2024	
	ความเร็วลม (เมตร/วินาที)	ทิศทางลม	ความเร็วลม (เมตร/วินาที)	ทิศทางลม	ความเร็วลม (เมตร/วินาที)	ทิศทางลม	ความเร็วลม (เมตร/วินาที)	ทิศทางลม	ความเร็วลม (เมตร/วินาที)	ทิศทางลม	ความเร็วลม (เมตร/วินาที)	ทิศทางลม	ความเร็วลม (เมตร/วินาที)	ทิศทางลม
11:00-12:00	0.0	-	0.0	-	0.0	-	3.2	NE	1.6	NE	0.0	-	0.0	-
12:00-13:00	0.9	NE	0.0	-	0.0	-	3.2	NE	0.0	-	0.0	-	0.0	-
13:00-14:00	0.9	NE	0.0	-	0.0	-	3.2	NE	0.0	-	0.0	-	0.0	-
14:00-15:00	1.8	ENE	0.0	-	0.0	-	3.2	NE	0.0	-	0.0	-	0.0	-
15:00-16:00	2.2	NE	0.0	-	0.0	-	3.2	S	1.6	WNW	0.0	-	0.0	-
16:00-17:00	2.2	NE	0.0	-	1.6	WNW	3.2	S	1.6	WNW	0.0	-	0.0	-
17:00-18:00	1.8	NE	0.0	-	0.0	-	3.2	N	0.0	-	0.0	-	0.0	-
18:00-19:00	2.2	NE	3.2	SW	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-
19:00-20:00	1.8	NE	1.6	SW	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-
20:00-21:00	1.8	NE	4.8	NE	1.6	NE	0.0	-	0.0	-	0.0	-	0.0	-
21:00-22:00	1.3	NE	1.6	NE	1.6	NE	0.0	-	0.0	-	0.0	-	0.0	-
22:00-23:00	0.4	NE	0.0	-	1.6	NE	0.0	-	0.0	-	0.0	-	0.0	-
23:00-00:00	0.0	-	1.6	NE	1.6	NE	0.0	-	0.0	-	0.0	-	0.0	-
00:00-01:00	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-
01:00-02:00	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-
02:00-03:00	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-
03:00-04:00	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-
04:00-05:00	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-
05:00-06:00	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-
06:00-07:00	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-
07:00-08:00	0.0	-	1.6	NE	1.6	NE	0.0	-	0.0	-	0.0	-	0.0	-
08:00-09:00	0.0	-	1.6	NE	1.6	NE	0.0	-	0.0	-	0.0	-	0.0	-
09:00-10:00	0.0	-	0.0	-	1.6	NE	1.6	NE	0.0	-	0.0	-	0.0	-
10:00-11:00	0.0	-	1.6	NE	1.6	NE	1.6	NE	0.0	-	0.0	-	0.0	-

COPY



## Wind Speed &amp; Wind Direction

Request No. LA67-R1111

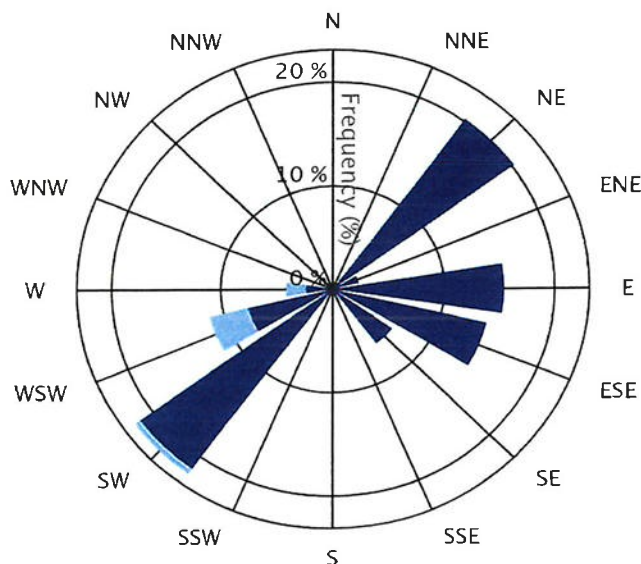
AGC Vinythai Public Company Limited

Sample No. 40919

Sampling Source : บริเวณขอบเขตรั้วด้านทิศเหนือ

Sampling Date : October 17-24, 2024

Calm 3.0 %


 0.4-1.9
  2.0-3.9
  4.0-5.9
  6.0-7.9
  8.0-9.9
  > 9.9 (m/s)

WD/WS	Percentage of Occurrence of Wind Direct Grouped in Various Wind Speed						Total
	0.4-1.9 m/s	2.0-3.9 m/s	4.0-5.9 m/s	6.0-7.9 m/s	8.0-9.9 m/s	> 9.9 m/s	
N	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NNE	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NE	20.2	0.0	0.0	0.0	0.0	0.0	20.2
ENE	2.4	0.0	0.0	0.0	0.0	0.0	2.4
E	15.5	0.0	0.0	0.0	0.0	0.0	15.5
ESE	14.3	0.0	0.0	0.0	0.0	0.0	14.3
SE	6.6	0.0	0.0	0.0	0.0	0.0	6.6
SSE	0.6	0.0	0.0	0.0	0.0	0.0	0.6
S	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SSW	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SW	21.4	0.6	0.0	0.0	0.0	0.0	22.0
WSW	7.7	3.6	0.0	0.0	0.0	0.0	11.3
W	2.4	1.8	0.0	0.0	0.0	0.0	4.2
WNW	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NW	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NNW	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	91.1	6.0	0.0	0.0	0.0	0.0	

COPY

## Wind Speed &amp; Wind Direction

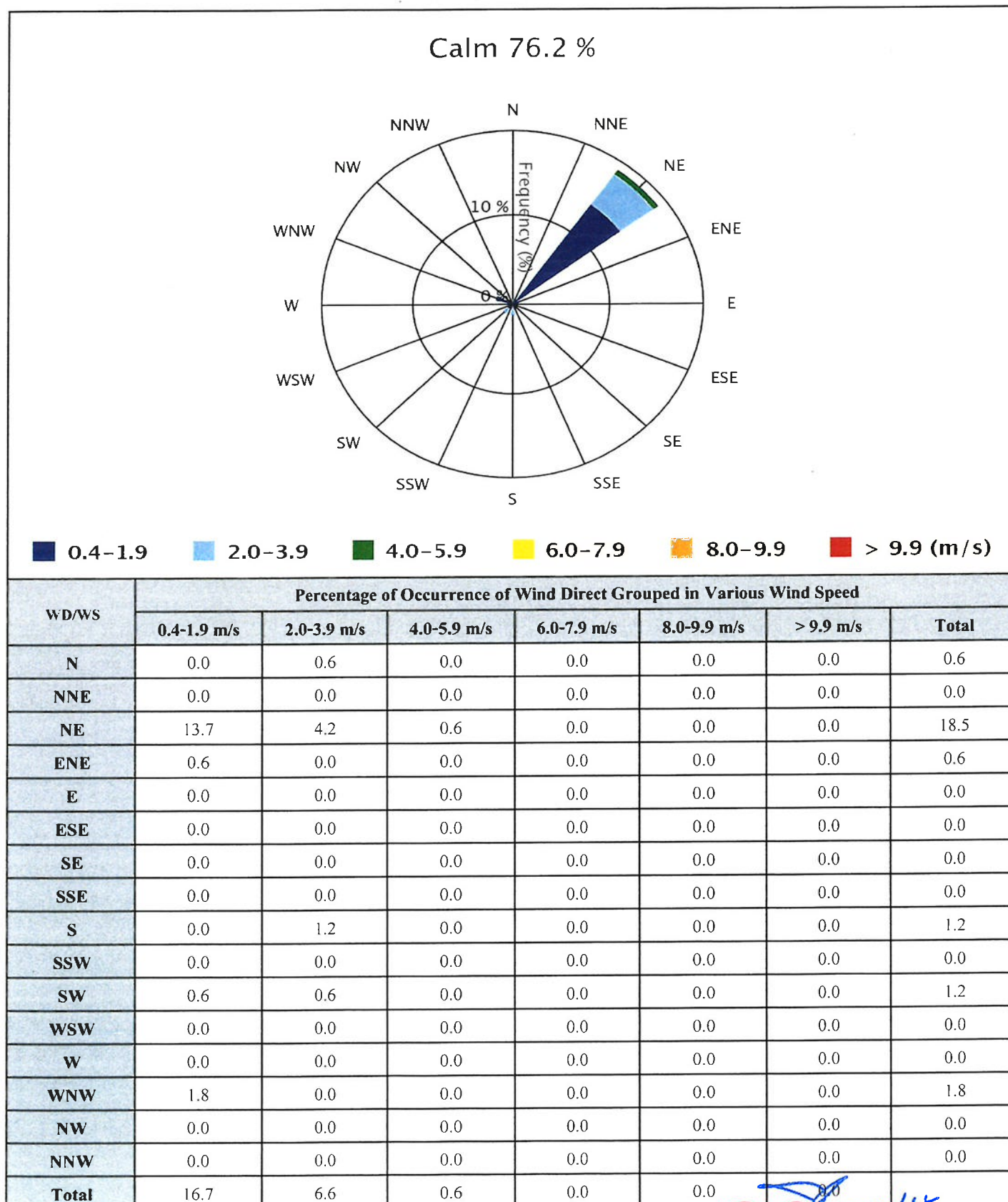
Request No. LA67-R1116

AGC Vinythai Public Company Limited

Sample No. 40918

Sampling Source : บริเวณขอบเขตรั้วด้านทิศใต้

Sampling Date : 17-24, 2024



COPY



ผลการทดสอบคุณภาพอากาศในปล่องระบาย



Request No. LA67-1066

Report No. 6711-0066

## TEST REPORT

CUSTOMER : AGC Vinythai Public Co.,Ltd.  
ADDRESS : 202 Moo. 1 Suksawasdi Rd.,T. Parkklongbangplakod , A. Prasamutjedi ,Samutprakarn 10290  
SAMPLE SOURCE : AGC Vinythai Public Co.,Ltd.  
SAMPLE POINT : ปล่องหน่วยผลิตกรดไฮโดรคลอริก (6s)  
SAMPLING DATE : 21/10/2024 SAMPLE NO. : 04498  
RECEIVED DATE : 29/10/2024 SAMPLING TIME : 10:20-11:20  
TESTED DATE : 29-30/10/2024 REPORTED DATE : 04/11/2024

## STACK DESCRIPTION

Height :	20.40	m	Type of Process :	Exhaust
Diameter :	0.15	m	Type of Fuel :	-
Temperature :	33.00	°C	Oxygen Content :	6.20 %
Air Velocity :	2.43	m/s	Barometric Pressure :	757.00 mmHg
Flow rate <sup>3</sup> :	0.04	m <sup>3</sup> /s	Atmospheric Temperature :	36.00 °C
Moisture Content :	-	%		

PARAMETER	TEST METHOD	TIME	RESULT <sup>3</sup>	STD <sup>1</sup>	UNIT
Chlorine	Adsorption, Ion Chromatography	10:20-11:20	< 0.029	30, 15 <sup>2</sup>	mg/m <sup>3</sup>
(Cl <sub>2</sub> )	(U.S.EPA Method 26A)		< 0.010	10.3, 5.2 <sup>2</sup>	ppm
			< 0.0001	0.003 <sup>2</sup>	g/s

## REMARK:

- <sup>1/</sup> Notification of The Ministry of Industry B.E. 2549 (2006)
- <sup>2/</sup> มาตรฐานที่กำหนดไว้ในรายงานการประเมินผลกระทบสิ่งแวดล้อมฉบับสมบูรณ์ ฉบับเดือน กุมภาพันธ์ 2561
- <sup>3/</sup> Standard Condition (Temperature 25°C, Pressure 760 mmHg) and Dry Basis
- Sampling By Mr. Nitchaphon Tonglor
- Parameter Outside The Scope of The Registration of The Department of Industrial Works.



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By

Thongchai Boonsak

(Mr. Thongchai Boonsak)

04/11/2024

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WITHOUT THE WRITTEN APPROVAL LABORATORY

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Request No. LA67-1066

Report No. 6711-0065

## TEST REPORT

CUSTOMER : AGC Vinythai Public Co.,Ltd.

ADDRESS : 202 Moo. 1 Suksawasdi Rd., T. Parkklongbangplakod , A. Prasamutjedi ,Samutprakarn 10290

SAMPLE SOURCE : AGC Vinythai Public Co.,Ltd.

SAMPLE POINT : ปล่องหน่วยผลิตกรดไฮโดรคลอริก (6s)

SAMPLING DATE : 21/10/2024 SAMPLE NO. : 04497

RECEIVED DATE : 29/10/2024 SAMPLING TIME : 10:20-11:20

TESTED DATE : 29-30/10/2024 REPORTED DATE : 04/11/2024

## STACK DESCRIPTION

Height :	20.40	m	Type of Process :	Exhaust
Diameter :	0.15	m	Type of Fuel :	-
Temperature :	33.00	°C	Oxygen Content :	6.20 %
Air Velocity :	2.43	m/s	Barometric Pressure :	757.00 mmHg
Flow rate <sup>3</sup> :	0.04	m <sup>3</sup> /s	Atmospheric Temperature :	36.00 °C
Moisture Content :	-	%		

PARAMETER	TEST METHOD	TIME	RESULT <sup>3</sup>	STD <sup>1</sup>	UNIT
Hydrogen Chloride	Adsorption, Ion Chromatography	10:20-11:20	<0.015	200, 100 <sup>2</sup>	mg/m <sup>3</sup>
(HCl)	(U.S.EPA Method 26A)		<0.010	134, 67.0 <sup>2</sup>	ppm
			<0.0001	0.018 <sup>2</sup>	g/s

**REMARK:**

- 1.<sup>1</sup> Notification of The Ministry of Industry B.E. 2549 (2006)
- 2.<sup>2</sup> มาตรฐานที่กำหนดไว้ในรายงานการประเมินผลกระทบสิ่งแวดล้อมฉบับสมบูรณ์ ฉบับเดือน กุมภาพันธ์ 2561
- 3.<sup>3</sup> Standard Condition. (Temperature 25°C, Pressure 760 mmHg) and Dry Basis
4. Sampling By Mr. Nitchaphon Tonglor
5. Parameter Outside The Scope of The Registration of The Department of Industrial Works.



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By

Thongchai Boonsak

(Mr. Thongchai Boonsak)

04/11/2024

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Request No. LA67-1066

Report No. 6711-0068

## TEST REPORT

CUSTOMER : AGC Vinythai Public Co.,Ltd.  
 ADDRESS : 202 Moo. 1 Suksawasdi Rd.,T. Parkklongbangplakod , A. Prasamutjedi ,Samutprakarn 10290  
 SAMPLE SOURCE : AGC Vinythai Public Co.,Ltd.  
 SAMPLE POINT : ปล่องหน่วยผลิตกรดไฮโดรคลอริก (7s)  
 SAMPLING DATE : 21/10/2024 SAMPLE NO. : 04500  
 RECEIVED DATE : 29/10/2024 SAMPLING TIME : 10:15-11:15  
 TESTED DATE : 29-30/10/2024 REPORTED DATE : 04/11/2024

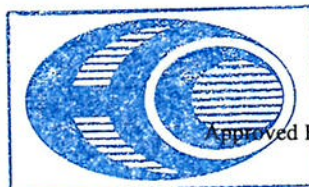
## STACK DESCRIPTION

Height :	20.40	m	Type of Process :	Exhaust
Diameter :	0.15	m	Type of Fuel :	-
Temperature :	32.00	°C	Oxygen Content :	2.93 %
Air Velocity :	1.76	m/s	Barometric Pressure :	757.00 mmHg
Flow rate <sup>3</sup> :	0.03	m <sup>3</sup> /s	Atmospheric Temperature :	35.00 °C
Moisture Content :	-	%		

PARAMETER	TEST METHOD	TIME	RESULT <sup>3</sup>	STD <sup>1</sup>	UNIT
Chlorine	Adsorption, Ion Chromatography	10:15-11:15	< 0.029	30, 15 <sup>2</sup>	mg/m <sup>3</sup>
(Cl <sub>2</sub> )	(U.S.EPA Method 26A)		< 0.010	10.3, 5.2 <sup>2</sup>	ppm
			< 0.0001	0.003 <sup>2</sup>	g/s

## REMARK:

- <sup>1</sup> Notification of The Ministry of Industry B.E. 2549 (2006)
- <sup>2</sup> มาตรฐานที่กำหนดไว้ในรายงานการประเมินผลกระทบสิ่งแวดล้อมฉบับสมบูรณ์ ฉบับเดือน กุมภาพันธ์ 2561
- <sup>3</sup> Standard Condition (Temperature 25°C, Pressure 760 mmHg) and Dry Basis
- Sampling By Mr. Nitchaphon Tonglor
- Parameter Outside The Scope of The Registration of The Department of Industrial Works.



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By

Thongchai Boonsak

(Mr. Thongchai Boonsak)

04/11/2024

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Request No. LA67-1066

Report No. 6711-0067

## TEST REPORT

CUSTOMER : AGC Vinythai Public Co.,Ltd.

ADDRESS : 202 Moo. 1 Suksawasdi Rd., T. Parkklongbangplakod , A. Prasamutjedi ,Samutprakarn 10290

SAMPLE SOURCE : AGC Vinythai Public Co.,Ltd.

SAMPLE POINT : ปล่องหน่วยผลิตกรดไฮโดรคลอริก (7s)

SAMPLING DATE : 21/10/2024

SAMPLE NO. : 04499

RECEIVED DATE : 29/10/2024

SAMPLING TIME : 10:15-11:15

TESTED DATE : 29-30/10/2024

REPORTED DATE : 04/11/2024

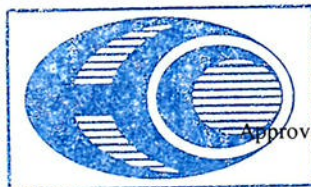
## STACK DESCRIPTION

Height :	20.40	m	Type of Process :	Exhaust
Diameter :	0.15	m	Type of Fuel :	-
Temperature :	32.00	°C	Oxygen Content :	2.93 %
Air Velocity :	1.76	m/s	Barometric Pressure :	757.00 mmHg
Flow rate <sup>3</sup> :	0.03	m <sup>3</sup> /s	Atmospheric Temperature :	35.00 °C
Moisture Content :	-	%		

PARAMETER	TEST METHOD	TIME	RESULT <sup>3</sup>	STD <sup>1</sup>	UNIT
Hydrogen Chloride	Adsorption, Ion Chromatography	10:15-11:15	0.027	200, 100 <sup>2</sup>	mg/m <sup>3</sup>
(HCl)	(U.S.EPA Method 26A)		0.018	134, 67.0 <sup>2</sup>	ppm
			<0.0001	0.018 <sup>2</sup>	g/s

**REMARK:**

- <sup>1</sup> Notification of The Ministry of Industry B.E. 2549 (2006)
- <sup>2</sup> มาตรฐานที่กำหนดไว้ในรายงานการประเมินผลกระทบสิ่งแวดล้อมฉบับสมบูรณ์ ฉบับเดือน กุมภาพันธ์ 2561
- <sup>3</sup> Standard Condition (Temperature 25°C, Pressure 760 mmHg) and Dry Basis
- Sampling By Mr. Nitchaphon Tonglor
- Parameter Outside The Scope of The Registration of The Department of Industrial Works.



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

Thongchai Boonsak

(Mr. Thongchai Boonsak)

04/11/2024

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Request No. LA67-1066

Report No. 6711-0069

## TEST REPORT

CUSTOMER : AGC Vinythai Public Co.,Ltd.

ADDRESS : 202 Moo. 1 Suksawasdi Rd., T. Parkklongbangplakod , A. Prasamutjedi , Samutprakarn 10290

SAMPLE SOURCE : AGC Vinythai Public Co.,Ltd.

SAMPLE POINT : ปล่องหน่วยผลิตกรดไฮโดรคลอริก (8s)

SAMPLING DATE : 21/10/2024 SAMPLE NO. : 04501

RECEIVED DATE : 29/10/2024 SAMPLING TIME : 10:10-11:10

TESTED DATE : 29-30/10/2024 REPORTED DATE : 04/11/2024

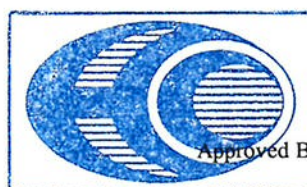
## STACK DESCRIPTION

Height :	20.40	m	Type of Process :	Exhaust
Diameter :	0.15	m	Type of Fuel :	-
Temperature :	32.00	°C	Oxygen Content :	5.02 %
Air Velocity :	2.02	m/s	Barometric Pressure :	757.00 mmHg
Flow rate <sup>3</sup> :	0.03	m <sup>3</sup> /s	Atmospheric Temperature :	35.00 °C
Moisture Content :	-	%		

PARAMETER	TEST METHOD	TIME	RESULT <sup>3</sup>	STD <sup>1</sup>	UNIT
Chlorine	Adsorption, Ion Chromatography	10:10-11:10	< 0.029	30, 15 <sup>2</sup>	mg/m <sup>3</sup>
(Cl <sub>2</sub> )	(U.S.EPA Method 26A)		< 0.010	10.3, 5.2 <sup>2</sup>	ppm
			< 0.0001	0.003 <sup>2</sup>	g/s

**REMARK:**

- <sup>1</sup> Notification of The Ministry of Industry B.E. 2549 (2006)
- <sup>2</sup> มาตรฐานที่กำหนดไว้ในรายงานการประเมินผลกระทบสิ่งแวดล้อมฉบับสมบูรณ์ ฉบับเดือน กุมภาพันธ์ 2561
- <sup>3</sup> Standard Condition (Temperature 25°C, Pressure 760 mmHg) and Dry Basis
- Sampling By Mr. Nitchaphon Tonglor
- Parameter Outside The Scope of The Registration of The Department of Industrial Works.



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By

Thongchai Boonsak

(Mr. Thongchai Boonsak)

04/11/2024

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Request No. LA67-1066

Report No. 6711-0070

## TEST REPORT

CUSTOMER : AGC Vinythai Public Co.,Ltd.

ADDRESS : 202 Moo. 1 Suksawasdi Rd., T. Parkklongbangplakod, A. Prasamutjedi, Samutprakarn 10290

SAMPLE SOURCE : AGC Vinythai Public Co.,Ltd.

SAMPLE POINT : ปล่องหน่วยผลิตกรดไฮโดรคลอริก (8s)

SAMPLING DATE : 21/10/2024 SAMPLE NO. : 04502

RECEIVED DATE : 29/10/2024 SAMPLING TIME : 10:10-11:10

TESTED DATE : 29-30/10/2024 REPORTED DATE : 04/11/2024

## STACK DESCRIPTION

Height :	20.40	m	Type of Process :	Exhaust
Diameter :	0.15	m	Type of Fuel :	-
Temperature :	32.00	°C	Oxygen Content :	5.02 %
Air Velocity :	2.02	m/s	Barometric Pressure :	757.00 mmHg
Flow rate <sup>3</sup> :	0.03	m <sup>3</sup> /s	Atmospheric Temperature :	35.00 °C
Moisture Content :	-	%		

PARAMETER	TEST METHOD	TIME	RESULT <sup>3</sup>	STD <sup>1</sup>	UNIT
Hydrogen Chloride	Adsorption, Ion Chromatography	10:10-11:10	<0.015	200, 100 <sup>2</sup>	mg/m <sup>3</sup>
(HCl)	(U.S.EPA Method 26A)		<0.010	134, 67.0 <sup>2</sup>	ppm
			<0.0001	0.018 <sup>2</sup>	g/s

## REMARK:

- <sup>1/1</sup> Notification of The Ministry of Industry B.E. 2549 (2006)
- <sup>2/2</sup> มาตรฐานที่กำหนดไว้ในรายงานการประเมินผลกระทบสิ่งแวดล้อมฉบับสมบูรณ์ ฉบับเดือน กุมภาพันธ์ 2561
- <sup>3/3</sup> Standard Condition (Temperature 25°C, Pressure 760 mmHg) and Dry Basis
- Sampling By Mr. Nitchaphon Tonglor
- Parameter Outside The Scope of The Registration of The Department of Industrial Works.



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

(Mr. Thongchai Boonsak)

04/11/2024

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Request No. LA67-1066

Report No. 6711-0071

## TEST REPORT

CUSTOMER : AGC Vinythai Public Co.,Ltd.

ADDRESS : 202 Moo. 1 Suksawasdi Rd., T. Parkklongbangplakod , A. Prasamutjedi ,Samutprakarn 10290

SAMPLE SOURCE : AGC Vinythai Public Co.,Ltd.

SAMPLE POINT : ปล่องหน่วยผลิตกรดไฮโดรคลอริก (10s)

SAMPLING DATE : 21/10/2024 SAMPLE NO. : 04503

RECEIVED DATE : 29/10/2024 SAMPLING TIME : 10:25-11:25

TESTED DATE : 29-30/10/2024 REPORTED DATE : 04/11/2024

## STACK DESCRIPTION

Height :	20.40	m	Type of Process :	Exhaust
Diameter :	0.15	m	Type of Fuel :	-
Temperature :	33.00	°C	Oxygen Content :	4.20 %
Air Velocity :	2.50	m/s	Barometric Pressure :	757.00 mmHg
Flow rate <sup>3</sup> :	0.04	m <sup>3</sup> /s	Atmospheric Temperature :	36.00 °C
Moisture Content :	-	%		

PARAMETER	TEST METHOD	TIME	RESULT <sup>3</sup>	STD <sup>1</sup>	UNIT
Chlorine	Adsorption, Ion Chromatography	10:25-11:25	0.441	30, 15 <sup>2</sup>	mg/m <sup>3</sup>
(Cl <sub>2</sub> )	(U.S.EPA Method 26A)		0.152	10.3, 5.2 <sup>2</sup>	ppm
			< 0.0001	0.003 <sup>2</sup>	g/s

**REMARK:**

- <sup>1</sup> Notification of The Ministry of Industry B.E. 2549 (2006)
- <sup>2</sup> มาตรฐานที่กำหนดไว้ในรายงานการประเมินผลกระทบสิ่งแวดล้อมฉบับสมบูรณ์ ฉบับเดือน กุมภาพันธ์ 2561
- <sup>3</sup> Standard Condition (Temperature 25°C, Pressure 760 mmHg) and Dry Basis
- Sampling By Mr. Warakorn Vitayasewee
- Parameter Outside The Scope of The Registration of The Department of Industrial Works.



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By

Thongchai Boonsak

(Mr. Thongchai Boonsak)

04/11/2024

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Request No. LA67-1066

Report No. 6711-0072

## TEST REPORT

CUSTOMER : AGC Vinythai Public Co.,Ltd.

ADDRESS : 202 Moo. 1 Suksawasdi Rd., T. Parkklongbangplakod , A. Prasamutjedi , Samutprakarn 10290

SAMPLE SOURCE : AGC Vinythai Public Co.,Ltd.

SAMPLE POINT : ปล่องหน่วยผลิตกรดไฮโดรคลอริก (10s)

SAMPLING DATE : 21/10/2024 SAMPLE NO. : 04504

RECEIVED DATE : 29/10/2024 SAMPLING TIME : 10:25-11:25

TESTED DATE : 29-30/10/2024 REPORTED DATE : 04/11/2024

## STACK DESCRIPTION

Height :	20.40	m	Type of Process :	Exhaust
Diameter :	0.15	m	Type of Fuel :	-
Temperature :	33.00	°C	Oxygen Content :	4.20 %
Air Velocity :	2.50	m/s	Barometric Pressure :	757.00 mmHg
Flow rate <sup>3</sup> :	0.04	m <sup>3</sup> /s	Atmospheric Temperature :	36.00 °C
Moisture Content :	-	%		

PARAMETER	TEST METHOD	TIME	RESULT <sup>3</sup>	STD <sup>1</sup>	UNIT
Hydrogen Chloride	Adsorption, Ion Chromatography	10:25-11:25	0.454	200, 100 <sup>2</sup>	mg/m <sup>3</sup>
(HCl)	(U.S.EPA Method 26A)		0.304	134, 67.0 <sup>2</sup>	ppm
			< 0.0001	0.018 <sup>2</sup>	g/s

## REMARK:

- <sup>1</sup> Notification of The Ministry of Industry B.E. 2549 (2006)
- <sup>2</sup> มาตรฐานที่กำหนดไว้ในรายงานการประเมินผลกระทบสิ่งแวดล้อมฉบับสมบูรณ์ ฉบับเดือน กุมภาพันธ์ 2561
- <sup>3</sup> Standard Condition (Temperature 25°C, Pressure 760 mmHg) and Dry Basis
- Sampling By Mr. Warakorn Vitayasewee
- Parameter Outside The Scope of The Registration of The Department of Industrial Works.



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By

Thongchai Boonsak

(Mr. Thongchai Boonsak)

04/11/2024

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Request No. LA67-1062

Report No. 6711-0059

## TEST REPORT

CUSTOMER : AGC Vinythai Public Co.,Ltd.

ADDRESS : 202 Moo. 1 Suksawasdi Rd.,T. Parkklongbangplakod , A. Prasamutjedi ,Samutprakarn 10290

SAMPLE SOURCE : AGC Vinythai Public Co.,Ltd.

SAMPLE POINT : ปล่องหน่วยผลิตกรดไฮโดรคลอริก (11s)

SAMPLING DATE : 21/10/2024 SAMPLE NO. : 04478

RECEIVED DATE : 29/10/2024 SAMPLING TIME : 10:00-11:00

TESTED DATE : 29-30/10/2024 REPORTED DATE : 02/11/2024

## STACK DESCRIPTION

Height :	20.40	m	Type of Process :	Exhaust
Diameter :	0.15	m	Type of Fuel :	-
Temperature :	30.00	°C	Oxygen Content :	5.60 %
Air Velocity :	1.93	m/s	Barometric Pressure :	758.50 mmHg
Flow rate <sup>3</sup> :	0.03	m <sup>3</sup> /s	Atmospheric Temperature :	33.00 °C
Moisture Content :	-	%		

PARAMETER	TEST METHOD	TIME	RESULT <sup>3</sup>	STD <sup>1</sup>	UNIT
Chlorine	Adsorption, Ion Chromatography	10:00-11:00	< 0.029	30, 15 <sup>2</sup>	mg/m <sup>3</sup>
(Cl <sub>2</sub> )	(U.S.EPA Method 26A)		< 0.010	10.3, 5.2 <sup>2</sup>	ppm
			< 0.0001	0.003 <sup>2</sup>	g/s

## REMARK:

- <sup>1</sup> Notification of The Ministry of Industry B.E. 2549 (2006)
- <sup>2</sup> มาตรฐานที่กำหนดไว้ในรายงานการประเมินผลกระทบสิ่งแวดล้อมฉบับสมบูรณ์ ฉบับเดือน กุมภาพันธ์ 2561
- <sup>3</sup> Standard Condition (Temperature 25°C, Pressure 760 mmHg) and Dry Basis
- Sampling By Mr. Audoumsub Jenjobjing
- Parameter Outside The Scope of The Registration of The Department of Industrial Works.



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By Thongchai Boonsak

(Mr. Thongchai Boonsak)

02/11/2024

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Request No. LA67-1062

Report No. 6711-0058

## TEST REPORT

CUSTOMER : AGC Vinythai Public Co.,Ltd.

ADDRESS : 202 Moo. 1 Suksawasdi Rd., T. Parkklongbangplakod , A. Prasamutjedi ,Samutprakarn 10290

SAMPLE SOURCE : AGC Vinythai Public Co.,Ltd.

SAMPLE POINT : ปล่องหน่วยผลิตกรดไฮโดรคลอริก (11s)

SAMPLING DATE : 21/10/2024 SAMPLE NO. : 04477

RECEIVED DATE : 29/10/2024 SAMPLING TIME : 10:00-11:00

TESTED DATE : 29-30/10/2024 REPORTED DATE : 02/11/2024

## STACK DESCRIPTION

Height :	20.40	m	Type of Process :	Exhaust
Diameter :	0.15	m	Type of Fuel :	-
Temperature :	30.00	°C	Oxygen Content :	5.60 %
Air Velocity :	1.93	m/s	Barometric Pressure :	758.50 mmHg
Flow rate <sup>3</sup> :	0.03	m <sup>3</sup> /s	Atmospheric Temperature :	33.00 °C
Moisture Content :	-	%		

PARAMETER	TEST METHOD	TIME	RESULT <sup>3</sup>	STD <sup>1</sup>	UNIT
Hydrogen Chloride	Adsorption, Ion Chromatography	10:00-11:00	< 0.015	200, 100 <sup>2</sup>	mg/m <sup>3</sup>
(HCl)	(U.S.EPA Method 26A)		< 0.010	134, 67.0 <sup>2</sup>	ppm
			< 0.0001	0.018 <sup>2</sup>	g/s

**REMARK:**

- <sup>1</sup> Notification of The Ministry of Industry B.E. 2549 (2006)
- <sup>2</sup> มาตรฐานที่กำหนดไว้ในรายงานการประเมินผลกระทบสิ่งแวดล้อมฉบับสมบูรณ์ ฉบับเดือน กุมภาพันธ์ 2561
- <sup>3</sup> Standard Condition (Temperature 25°C, Pressure 760 mmHg) and Dry Basis
- Sampling By Mr. Audoumsub Jenjobjing
- Parameter Outside The Scope of The Registration of The Department of Industrial Works.



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

(Mr. Thongchai Boonsak)

02/11/2024

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Request No. LA67-1062

Report No. 6711-0060

## TEST REPORT

CUSTOMER : AGC Vinythai Public Co.,Ltd.

ADDRESS : 202 Moo. 1 Suksawasdi Rd., T. Parkklongbangplakod , A. Prasamutjedi ,Samutprakarn 10290

SAMPLE SOURCE : AGC Vinythai Public Co.,Ltd.

SAMPLE POINT : ปล่องهودดูดซับไอคลอรีน

SAMPLING DATE : 21/10/2024 SAMPLE NO. : 04479

RECEIVED DATE : 29/10/2024 SAMPLING TIME : 10:20-11:20

TESTED DATE : 29-30/10/2024 REPORTED DATE : 02/11/2024

## STACK DESCRIPTION

Height:	16.50	m	Type of Process :	Exhaust
Diameter:	0.29	m	Type of Fuel :	-
Temperature:	29.00	°C	Oxygen Content :	20.90 %
Air Velocity:	3.43	m/s	Barometric Pressure :	758.50 mmHg
Flow rate <sup>3</sup> :	0.22	m <sup>3</sup> /s	Atmospheric Temperature :	35.00 °C
Moisture Content:	-	%		

PARAMETER	TEST METHOD	TIME	RESULT <sup>3</sup>	STD <sup>1</sup>	UNIT
Chlorine	Ion Chromatography	10:20-11:20	0.267	30, 15 <sup>2</sup>	mg/m <sup>3</sup>
(Cl <sub>2</sub> )	(U.S.EPA Method 26A)		0.092	10.3, 5.2 <sup>2</sup>	ppm
			0.0001	0.002 <sup>2</sup>	g/s

## REMARK:

- <sup>1</sup> Notification of The Ministry of Industry B.E. 2549 (2006)
- <sup>2</sup> มาตรฐานที่กำหนดไว้ในรายงานการประเมินผลกระทบสิ่งแวดล้อมฉบับสมบูรณ์ ฉบับเดือน กุมภาพันธ์ 2561
- <sup>3</sup> Standard Condition (Temperature 25°C, Pressure 760 mmHg) and Dry Basis
- Sampling By Mr. Audoumsub Jenjobjing
- Parameter Outside The Scope of The Registration of The Department of Industrial Works.



(Mr. Thongchai Boonsak)

02/11/2024

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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Request No. LA67-1062

Report No. 6711-0061

## TEST REPORT

CUSTOMER : AGC Vinythai Public Co.,Ltd.  
 ADDRESS : 202 Moo. 1 Suksawasdi Rd.,T. Parkklongbangplakod , A. Prasamutjedi ,Samutprakarn 10290  
 SAMPLE SOURCE : AGC Vinythai Public Co.,Ltd.  
 SAMPLE POINT : ปล่องหม้อไอน้ำขนาด 2 ตัน/ชั่วโมง  
 SAMPLING DATE : 21/10/2024 SAMPLE NO. : 04480  
 RECEIVED DATE : 29/10/2024 SAMPLING TIME : 10:50-10:55  
 TESTED DATE : 29-31/10/2024 REPORTED DATE : 02/11/2024

## STACK DESCRIPTION @

Height :	15.00	m	Type of Process :	Combustion
Diameter :	0.40	m	Type of Fuel :	Natural Gas
Temperature :	108.00	°C	Oxygen Content :	5.14 %
Air Velocity :	5.15	m/s	Barometric Pressure :	758.50 mmHg
Flow rate <sup>3</sup> :	0.48	m <sup>3</sup> /s	Atmospheric Temperature :	34.00 °C
Moisture Content :	-	%	Pressure :	11 bars
Burner Loading :	20	%		

PARAMETER	TEST METHOD	TIME	RESULT <sup>3</sup>		STD <sup>1</sup>	UNIT
			5.14 % O <sub>2</sub>	7 % O <sub>2</sub>		
Oxides of Nitrogen	Absorption, Phenoldisulfonic	10:50-10:55	3.7	3.3	376, 188.10 <sup>2</sup>	mg/m <sup>3</sup>
(NO <sub>x</sub> as NO <sub>2</sub> )	Acid (U.S. EPA Method 7)		2.0	1.8	200, 100 <sup>2</sup>	ppm
			0.0018	-	0.081 <sup>2</sup>	g/s

## REMARK:

- 1.<sup>1</sup> Notification of The Ministry of Industry B.E. 2549 (2006)
- 2.<sup>2</sup> มาตรฐานที่กำหนดไว้ในรายงานการประเมินผลกระทบสิ่งแวดล้อมฉบับสมบูรณ์ ฉบับเดือน กุมภาพันธ์ 2561
- 3.<sup>3</sup> Standard Condition (Temperature 25°C, Pressure 760 mmHg) and Dry Basis
4. Sampling By Mr. Audoumsub Jenjobjing (จ-003-จ-0009)
- 5.<sup>@</sup> These Data Outside The Scope of The Registration of The Department of Industrial Works.

Examined By.....

(Miss Apiradee Chuen-arom)

(จ-003-ค-0007)

02/11/2024



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(Mr. Thongchai Boonsak)

(จ-003-ค-0012)

02/11/2024

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Request No. LA67-1062

Report No. 6711-0063

## TEST REPORT

CUSTOMER : AGC Vinythai Public Co.,Ltd.

ADDRESS : 202 Moo. 1 Suksawasdi Rd.,T. Parkklongbangplakod , A. Prasamutjedi ,Samutprakarn 10290

SAMPLE SOURCE : AGC Vinythai Public Co.,Ltd.

SAMPLE POINT : ปล่องหม้อไอน้ำขนาด 6 ตัน/ชั่วโมง

SAMPLING DATE : 21/10/2024 SAMPLE NO. : 04482

RECEIVED DATE : 29/10/2024 SAMPLING TIME : 11:20-11:25

TESTED DATE : 29-31/10/2024 REPORTED DATE : 02/11/2024

STACK DESCRIPTION @

Height :	20.00	m	Type of Process :	Combustion
Diameter :	0.60	m	Type of Fuel :	Natural Gas
Temperature :	129.00	°C	Oxygen Content :	5.28 %
Air Velocity :	5.33	m/s	Barometric Pressure :	758.50 mmHg
Flow rate <sup>3</sup> :	1.06	m <sup>3</sup> /s	Atmospheric Temperature :	33.00 °C
Moisture Content :	-	%	Hydrogen :	0 %
Burner Loading :	78	%	Flow rate Natural Gas :	8.0 m <sup>3</sup> /hr
Pressure :	11	bars	Flow rate Hydrogens :	0 m <sup>3</sup> /hr

PARAMETER	TEST METHOD	TIME	RESULT <sup>3</sup>		STD <sup>1</sup>	UNIT
			5.28 % O <sub>2</sub>	7 % O <sub>2</sub>		
Oxides of Nitrogen	Absorption, Phenoldisulfonic	11:20-11:25	43.3	38.5	376, 301 <sup>2</sup>	mg/m <sup>3</sup>
(NO <sub>x</sub> as NO <sub>2</sub> )	Acid (U.S. EPA Method 7)		23.0	20.5	200, 160 <sup>2</sup>	ppm
			0.0459	-	0.645 <sup>2</sup>	g/s

## REMARK:

- 1.<sup>1</sup> Notification of The Ministry of Industry B.E. 2549 (2006)
- 2.<sup>2</sup> มาตรฐานที่กำหนดไว้ในรายงานการประเมินผลกระทบสิ่งแวดล้อมฉบับสมบูรณ์ ฉบับเดือน กุมภาพันธ์ 2561
- 3.<sup>3</sup> Standard Condition (Temperature 25°C, Pressure 760 mmHg) and Dry Basis
4. Sampling By Mr. Audoumsub Jenjobjing (ว-003-ก-0009)
- 5.<sup>@</sup> These Data Outside The Scope of The Registration of The Department of Industrial Works.

Examined By.....

(Miss Apiradee Chuen-arom)

(ว-003-ค-0007)

02/11/2024



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By.....

(Mr. Thongchai Boonsak)

(ว-003-ค-0012)

02/11/2024

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ผลการทดสอบคุณภาพน้ำทิ้ง

Request No. : W6707046

Report No. : 6707-0907


## TEST REPORT

Customer : AGC Vinythai Public Co.,Ltd.  
Address : 202 Moo. 1 Suksawasdi Rd., T. Parkklongbangplakod, A. Prasamutjedi, Samutprakarn 10290  
Sampling Source : AGC Vinythai Public Co.,Ltd. Sample No. : W 67070151  
Sample Name : After Septic Office (อาคาร 50 ปี) Sampling Date : 02/07/2024  
Sampling By : ETC Sampling Time : 10:13 AM  
Sampling Method : Grab Received Date : 03/07/2024  
Tested Date : 03/07/2024 – 09/07/2024 Reported Date : 15/07/2024

Parameter	Unit	Method	Result	Standard <sup>1</sup>
Biochemical Oxygen Demand	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	2.2	≤60 <sup>2</sup>
Chemical Oxygen Demand	mg/L	Closed Reflux, Titrimetric Method (SM:5220C)	< 40	≤120
Oil and Grease	mg/L	Liquid-Liquid, Partition-Gravimetric Method (SM:5520B)	< 3.0	≤5
pH (on site)		Electrometric Method	7.3	5.5-9.0
Temperature	°C	Laboratory and Field Method (SM:2550 B)	30	≤40
Total Suspended Solids	mg/L	Dried at 103-105 degree celsius (SM:2540D)	6	≤50


Physical Appearance : 1. Sample : yellow, lightly SS  
2. Container : Normal [ PE 0.5 L, PE 1.0 L, PE 1.8 L ]

Remark : 1.<sup>1</sup> Industrial Effluent Standard, Notification of the Ministry of Industry, B.E. 2560 (2017)  
2.<sup>2</sup> มาตรฐานตามประกาศกรมโรงงานอุตสาหกรรม เรื่องกำหนดคุณลักษณะน้ำทิ้งที่ระบายออกนอกโรงงานให้มีค่าแตกต่างจากที่กำหนดไว้ในประกาศกระทรวงอุตสาหกรรม ฉบับที่ 2 (พ.ศ.2539) เรื่อง กำหนดคุณลักษณะของน้ำทิ้งที่ระบายออกจากโรงงาน : มาตรฐานสำหรับ โรงงานลำดับที่ 42 (1) (การทำเคมีภัณฑ์ สารเคมี หรือวัสดุเคมี)  
3. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.  
4. Sampling By Mr. Parkpoom Buasawad (ว-003-ค-0017)

Examined By   
(Miss Apiradee Chuen-arom)  
(ว-003-ค-0007)  
15/07/2024



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By   
(Miss Nunnaphat Bakhuntod)  
(ว-003-ค-0005)  
15/07/2024

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Request No. : W6708180

## TEST REPORT

Report No. : 6708-0893

Customer : AGC Vinythai Public Co.,Ltd.

Address : 202 Moo. 1 Suksawasdi Rd., T. Parkklongbangplakod , A. Prasamutjedi ,Samutprakarn 10290

Sampling Source : AGC Vinythai Public Co.,Ltd.

Sample No. : W 67080571

Sample Name : After Septic Office (อาคาร 50 ปี)

Sampling Date : 06/08/2024

Sampling By : ETC

Sampling Time : 9:25 AM

Sampling Method : Grab

Received Date : 07/08/2024

Tested Date : 07/08/2024 – 14/08/2024

Reported Date : 16/08/2024

Parameter	Unit	Method	Result	Standard <sup>1</sup>
Biochemical Oxygen Demand	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	< 2.0	≤60 <sup>2</sup>
Chemical Oxygen Demand	mg/L	Closed Reflux, Titrimetric Method (SM:5220C)	< 40	≤120
Oil and Grease	mg/L	Liquid-Liquid, Partition-Gravimetric Method (SM:5520B)	< 3.0	≤5
pH (on site)		Electrometric Method	7.5	5.5-9.0
Temperature	°C	Laboratory and Field Method (SM:2550 B)	30	≤40
Total Suspended Solids	mg/L	Dried at 103-105 degree celsius (SM:2540D)	10	≤50

Physical Apperance : 1. Sample : lightly SS  
2. Container : Normal [ PE 0.5 L, PE 1.0 L, PE 1.8 L ]

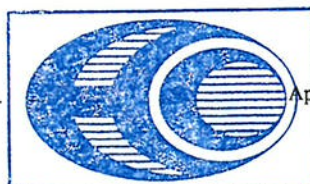
- Remark : 1. <sup>1</sup> Industrial Effluent Standard , Notification of the Ministry of Industry , B.E. 2560 (2017)  
2. <sup>2</sup> มาตรฐานตามประกาศกรมโรงงานอุตสาหกรรม เรื่องกำหนดคุณลักษณะน้ำทิ้งที่ระบายออกนอกโรงงานให้มีค่าแตกต่างจากที่กำหนดไว้ในประกาศกระทรวงอุตสาหกรรม ฉบับที่ 2 (พ.ศ.2539) เรื่อง กำหนดคุณลักษณะของน้ำทิ้งที่ระบายออกจากโรงงาน : มาตรฐานสำหรับโรงงานลำดับที่ 42 (1) (การทำเคมีภัณฑ์ สารเคมี หรือวัสดุเคมี)  
3. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.  
4. Sampling By Mr. Songpon Phiwan (ว-003-ค-0016)

Examined By .....

( Miss Apiradee Chuen-arom )

( ว-003-ค-0007 )

16/08/2024



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By .....

( Miss Nunnaphat Bakhuntod )

( ว-003-ค-0005 )

16/08/2024

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Request No. : W6709275

Report No. : 6709-1776

## TEST REPORT

Customer : AGC Vinythai Public Co.,Ltd.

Address : 202 Moo. 1 Suksawasdi Rd., T. Parkklongbangplakod , A. Prasamutjedi ,Samutprakarn 10290

Sampling Source : AGC Vinythai Public Co.,Ltd.

Sample No. : W 67091038

Sample Name : After Septic Office (อาคาร 50 ปี)

Sampling Date : 10/09/2024

Sampling By : ETC

Sampling Time : 9:50 AM

Sampling Method : Grab

Received Date : 11/09/2024

Tested Date : 11/09/2024 – 17/09/2024

Reported Date : 27/09/2024

Parameter	Unit	Method	Result	Standard <sup>1/</sup>
Biochemical Oxygen Demand	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	7.1	≤60 <sup>2/</sup>
Chemical Oxygen Demand	mg/L	Closed Reflux, Titrimetric Method (SM:5220C)	44	≤120
Oil and Grease	mg/L	Liquid-Liquid, Partition-Gravimetric Method (SM:5520B)	< 3.0	≤5
pH (on site)		Electrometric Method	7.0	5.5-9.0
Temperature	°C	Laboratory and Field Method (SM:2550 B)	30	≤40
Total Suspended Solids	mg/L	Dried at 103-105 degree celsius (SM:2540D)	6	≤50

Physical Appearance : 1. Sample : yellow, lightly SS  
2. Container : Normal [ PE 0.5 L, PE 1.0 L, PE 1.8 L ]

- Remark : 1.<sup>1/</sup> Industrial Effluent Standard , Notification of the Ministry of Industry , B.E. 2560 (2017)  
2.<sup>2/</sup> มาตรฐานตามประกาศกรมโรงงานอุตสาหกรรม เรื่องกำหนดคุณลักษณะน้ำทิ้งที่ระบายออกนอกโรงงานให้มีค่าแตกต่างจากที่กำหนดไว้ในประกาศกระทรวงอุตสาหกรรม ฉบับที่ 2 (พ.ศ.2539) เรื่อง กำหนดคุณลักษณะของน้ำทิ้งที่ระบายออกจากรองาน : มาตรฐานสำหรับโรงงานลำดับที่ 42 (1) (การทำเคมีภัณฑ์ สารเคมี หรือวัสดุเคมี)  
3. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.  
4. Sampling By Mr. Supharek Phatklang (ว-003-ค-0031)

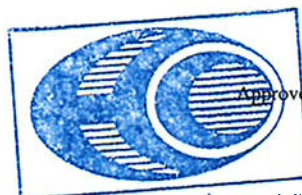
Examined By



( Miss Apiradee Chuen-arom )

( ว-003-ค-0007 )

27/09/2024



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By



( Miss Nunnaphat Bakhuntod )

( ว-003-ค-0005 )

27/09/2024

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Request No. : W6710033

Report No. : 6710-0667

## TEST REPORT

Customer : AGC Vinythai Public Co.,Ltd.  
Address : 202 Moo. 1 Suksawasdi Rd., T. Parkklongbangplakod , A. Prasamutjedi , Samutprakarn 10290  
Sampling Source : AGC Vinythai Public Co.,Ltd. Sample No. : W 67100082  
Sample Name : After Septic Office (อาคาร 50 ปี) Sampling Date : 01/10/2024  
Sampling By : ETC Sampling Time : 10:40 AM  
Sampling Method : Grab Received Date : 02/10/2024  
Tested Date : 02/10/2024 – 09/10/2024 Reported Date : 11/10/2024

Parameter	Unit	Method	Result	Standard <sup>1)</sup>
Biochemical Oxygen Demand	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	7.5	≤60 <sup>2)</sup>
Chemical Oxygen Demand	mg/L	Closed Reflux, Titrimetric Method (SM:5220C)	43	≤120
Oil and Grease	mg/L	Liquid-Liquid, Partition-Gravimetric Method (SM:5520B)	< 3.0	≤5
pH (on site)		Electrometric Method	7.6	5.5-9.0
Temperature	°C	Laboratory and Field Method (SM:2550 B)	30	≤40
Total Suspended Solids	mg/L	Dried at 103-105 degree celsius (SM:2540D)	8	≤50

Physical Apperance : 1. Sample : lightly SS  
2. Container : Normal [ PE 0.5 L, PE 1.0 L, PE 1.8 L ]

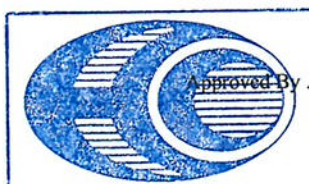
Remark : 1.<sup>1)</sup> Industrial Effluent Standard , Notification of the Ministry of Industry , B.E. 2560 (2017)  
2.<sup>2)</sup> มาตรฐานตามประกาศกรมโรงงานอุตสาหกรรม เรื่องกำหนดคุณลักษณะน้ำทิ้งที่ระบายออกนอกโรงงานให้มีค่าแตกต่างจากที่กำหนดไว้ในประกาศกระทรวงอุตสาหกรรม ฉบับที่ 2 (พ.ศ.2539) เรื่อง กำหนดคุณลักษณะของน้ำทิ้งที่ระบายออกจากโรงงาน : มาตรฐานสำหรับโรงงานลำดับที่ 42 (1) (การทำเคมีภัณฑ์ สารเคมี หรือวัสดุเคมี)  
3. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.  
4. Sampling By Mr. Parkpoom Buasawad (ว-003-ค-0017)

Examined By .....

( Miss Apiradee Chuen-arom )

( ว-003-ค-0007 )

11/10/2024



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By .....

( Miss Nunnaphat Bakhuntod )

( ว-003-ค-0005 )

11/10/2024

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Request No. : W6711131

Report No. : 6711-0863-2

## TEST REPORT


Customer : AGC Vinythai Public Co.,Ltd.  
Address : 202 Moo. 1 Suksawasdi Rd., T. Parkklongbangplakod , A. Prasamutjedi ,Samutprakarn 10290  
Sampling Source : AGC Vinythai Public Co.,Ltd. Sample No. : W 67110361  
Sample Name : After Septic Office (อาคาร 50 ปี) Sampling Date : 05/11/2024  
Sampling By : ETC Sampling Time : 10:10 AM  
Sampling Method : Grab Received Date : 06/11/2024  
Tested Date : 06/11/2024 – 12/11/2024 Reported Date : 06/12/2024

Parameter	Unit	Method	Result	Standard <sup>1</sup>
Biochemical Oxygen Demand	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	< 2.0	≤100
Chemical Oxygen Demand	mg/L	Closed Reflux, Titrimetric Method (SM:5220C)	50	-
Oil and Grease	mg/L	Liquid-Liquid, Partition-Gravimetric Method (SM:5520B)	< 3.0	≤50
pH (on site)		Electrometric Method	7.1	5.5-9.0
Temperature	°C	Laboratory and Field Method (SM:2550 B)	29	-
Total Suspended Solids	mg/L	Dried at 103-105 degree celsius (SM:2540D)	7	≤60


Physical Apperance : 1. Sample : yellowish, lightly SS  
2. Container : Normal [PE 0.5 L, PE 1.8 L, G 0.3 L (2 Bottle), G 1.0 L]

Remark : 1.<sup>1</sup> ประกาศกระทรวงทรัพยากรธรรมชาติและสิ่งแวดล้อม เรื่อง กำหนดมาตรฐานควบคุมการระบายน้ำทิ้งจากอาคารบางประเภทและบางขนาด (พ.ศ.2567) (อาคารประเภท ก)  
2. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.  
3. Sampling By Mr. Songpon Phiwan (ว-003-ท-0016)

SUPPLEMENT TO TEST REPORT NO. 6711-0863-1

Examined By   
( Miss Apiradee Chuen-arom )  
(ว-003-ท-0007)  
06/12/2024



Approved By   
( Miss Nunnaphat Bakhuntod )  
(ว-003-ท-0005)  
06/12/2024

REPORTED TESTS REFER TO SUBMITTED SAMPLES ONLY  
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Request No. : W6712275

Report No. : 6712-1384

## TEST REPORT

Customer : AGC Vinythai Public Co.,Ltd.  
Address : 202 Moo. 1 Suksawasdi Rd., T. Parkklongbangplakod, A. Prasamutjedi, Samutprakarn 10290  
Sampling Source : AGC Vinythai Public Co.,Ltd. Sample No. : W 67120859  
Sample Name : After Septic Office (อาคาร 50 ปี) Sampling Date : 10/12/2024  
Sampling By : ETC Sampling Time : 10:00 AM  
Sampling Method : Grab Received Date : 11/12/2024  
Tested Date : 11/12/2024 – 19/12/2024 Reported Date : 21/12/2024

Parameter	Unit	Method	Result	Standard <sup>1)</sup>
Biochemical Oxygen Demand	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	21.6	≤100
Chemical Oxygen Demand	mg/L	Closed Reflux, Titrimetric Method (SM:5220C)	100	-
Oil and Grease	mg/L	Liquid-Liquid, Partition-Gravimetric Method (SM:5520B)	< 3.0	≤50
pH (on site)		Electrometric Method	7.6	5.5-9.0
Temperature	°C	Laboratory and Field Method (SM:2550 B)	31	-
Total Suspended Solids	mg/L	Dried at 103-105 degree celsius (SM:2540D)	30	≤60

Physical Appearance : 1. Sample : orange, lightly SS  
2. Container : Normal [PE 0.5 L, PE 1.8 L, G 0.3 L (2 Bottle), G 1.0 L]

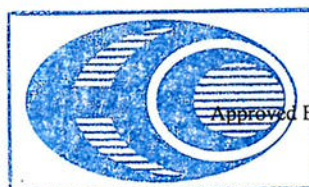
Remark : 1. <sup>1)</sup> ประกาศกระทรวงทรัพยากรธรรมชาติและสิ่งแวดล้อม  
เรื่อง กำหนดมาตรฐานควบคุมการระบายน้ำทิ้งจากอาคารบางประเภทและบางขนาด (พ.ศ.2567) (อาคารประเภท ก)  
2. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.  
3. Sampling By Mr. Songpon Phiwuan (ว-003-ก-0016)

Examined By .....

( Miss Apiradee Chuen-arom )

(ว-003-ก-0007)

21/12/2024



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By .....

( Mr. Kawee Suthasub )

( ว-003-ก-0004 )

21/12/2024

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Request No. : W6707046

## TEST REPORT


Report No. : 6707-0908

Customer : AGC Vinythai Public Co.,Ltd.  
Address : 202 Moo. 1 Suksawasdi Rd., T. Parkklongbangplakod, A. Prasamutjedi, Samutprakarn 10290  
Sampling Source : AGC Vinythai Public Co.,Ltd. Sample No. : W 67070152  
Sample Name : After Septic Canteen (อาคารโรงอาหาร) Sampling Date : 02/07/2024  
Sampling By : ETC Sampling Time : 10:00 AM  
Sampling Method : Grab Received Date : 03/07/2024  
Tested Date : 03/07/2024 – 09/07/2024 Reported Date : 15/07/2024


Parameter	Unit	Method	Result	Standard <sup>1/</sup>
Biochemical Oxygen Demand	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	< 2.0	≤40
Oil and Grease	mg/L	Liquid-Liquid, Partition-Gravimetric Method (SM:5520B)	< 3.0	≤20
pH (on site)		Electrometric Method	7.5	5-9
Sulfide	mg/L as H <sub>2</sub> S	ZnS Precipitation, Iodometric Method (SM:4500-S2-F)	< 0.50	≤3.0
Temperature	°C	Laboratory and Field Method (SM:2550 B)	31	-
Total Dissolved Solids	mg/L	Dried at 103-105 degree celsius	280	***
Total Kjeldahl Nitrogen	mg/L as NH <sub>3</sub> -N	Macro Kjeldahl Method (SM:4500-Norg B)	19	≤40
Total Suspended Solids	mg/L	Dried at 103-105 degree celsius (SM:2540D)	5	≤50

Physical Apperance : 1. Sample : yellowish, lightly SS  
2. Container : Normal [PE 0.5 L, PE 1.8 L, G 0.3 L (2 Bottle), G 1.0 L]

- Remark : 1.<sup>1/</sup> มาตรฐานควบคุมการระบายน้ำทิ้งจากอาคารประเภท ค ข้อ 6 (7) ร้านอาหารตามประกาศกระทรวงทรัพยากรธรรมชาติและสิ่งแวดล้อม เรื่อง กำหนดมาตรฐานควบคุมการระบายน้ำทิ้งจากอาคารบางประเภท และบางขนาด  
2. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.  
3. Sampling By Mr. Parkpoom Buasawad (ว-003-ค-0017)  
4.\*\*\* ต้องมีค่าเพิ่มขึ้นจากปริมาณสารละลายในน้ำใช้ตามปกติไม่เกิน 500 มิลลิกรัมต่อลิตร

Examined By   
(Miss Apiradee Chuen-arom)  
(ว-003-ค-0007)  
15/07/2024



Approved By   
(Miss Nunnaphat Bakhuntod)  
(ว-003-ค-0005)  
15/07/2024

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Request No. : W6707046

Report No. : 6707-0908

## TEST REPORT

Customer : AGC Vinythai Public Co.,Ltd.  
Address : 202 Moo. 1 Suksawasdi Rd., T. Parkklongbangplakod , A. Prasamutjedi , Samutprakarn 10290  
Sampling Source : AGC Vinythai Public Co.,Ltd. Sample No. : W 67070152  
Sample Name : After Septic Canteen (อาคาร โรงอาหาร) Sampling Date : 02/07/2024  
Sampling By : ETC Sampling Time : 10:00 AM  
Sampling Method : Grab Received Date : 03/07/2024  
Tested Date : 03/07/2024 – 09/07/2024 Reported Date : 15/07/2024

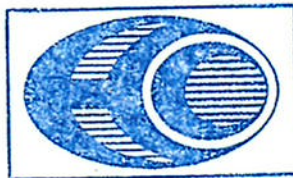
Parameter	Unit	Method	Result	Standard <sup>1)</sup>
Settleable Solid	mL/L	Volumetric Method (SM:2540F)	< 0.2	≤0.5

Physical Apperance :

1. Sample : yellowish, lightly SS
2. Container : Normal [PE 0.5 L, PE 1.8 L, G 0.3 L (2 Bottle), G 1.0 L]

Remark :

- 1.<sup>1)</sup> มาตรฐานควบคุมการระบายน้ำทิ้งจากอาคารประเภท ค ข้อ 6 (7) ร้านอาหารตามประกาศกระทรวงทรัพยากรธรรมชาติและสิ่งแวดล้อม เรื่อง กำหนดมาตรฐานควบคุมการระบายน้ำทิ้งจากอาคารบางประเภท และบางขนาด
2. Parameter Outside The Scope of The Registration of Department of Industrial Works
3. Sampling By Miss Pornpinan Viriyakusolkul
4. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.



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Examined By .....

( Miss Apiradee Chuen-arom )

15/07/2024

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Request No. : W6707046

Report No. : 6707-0909

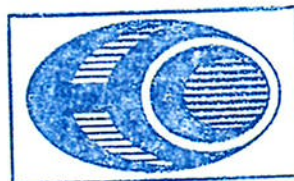
## TEST REPORT

Customer : AGC Vinythai Public Co.,Ltd.  
Address : 202 Moo. 1 Suksawasdi Rd., T. Parkklongbangplakod , A. Prasamutjedi ,Samutprakarn 10290  
Sampling Source : AGC Vinythai Public Co.,Ltd. Sample No. : W 67070153  
Sample Name : น้ำประปา Sampling Date : 02/07/2024  
Sampling By : ETC Sampling Time : 10:02 AM  
Sampling Method : Grab Received Date : 03/07/2024  
Tested Date : 03/07/2024 – 09/07/2024 Reported Date : 15/07/2024

Parameter	Unit	Method	Result
Total Dissolved Solids	mg/L	Dried at 103-105 degree celsius	254

Physical Apperance :  
1. Sample : lightly SS  
2. Container : Normal [ PE 1.0 L]

Remark :  
1. Parameter Outside The Scope of The Registration of Department of Industrial Works  
2. Sampling By Miss Pornpinan Viriyakusolkul



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

  
Examined By .....

( Miss Apiradee Chuen-arom )

15/07/2024

REPORTED TESTS REFER TO SUBMITTED SAMPLES ONLY  
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Request No. : W6708180

Report No. : 6708-0894

## TEST REPORT

Customer : AGC Vinythai Public Co.,Ltd.  
Address : 202 Moo. 1 Suksawasdi Rd., T. Parkklongbangplakod , A. Prasamutjedi , Samutprakarn 10290  
Sampling Source : AGC Vinythai Public Co.,Ltd. Sample No. : W 67080572  
Sample Name : After Septic Canteen (อาคาร โรงอาหาร) Sampling Date : 06/08/2024  
Sampling By : ETC Sampling Time : 9:20 AM  
Sampling Method : Grab Received Date : 07/08/2024  
Tested Date : 07/08/2024 – 16/08/2024 Reported Date : 16/08/2024

Parameter	Unit	Method	Result	Standard <sup>1</sup>
Biochemical Oxygen Demand	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	< 2.0	≤40
Oil and Grease	mg/L	Liquid-Liquid, Partition-Gravimetric Method (SM:5520B)	< 3.0	≤20
pH (on site)		Electrometric Method	7.6	5-9
Sulfide	mg/L as H <sub>2</sub> S	ZnS Precipitation, Iodometric Method (SM:4500-S2-F)	< 0.50	≤3.0
Temperature	°C	Laboratory and Field Method (SM:2550 B)	28	-
Total Dissolved Solids	mg/L	Dried at 103-105 degree celsius	212	***
Total Kjeldahl Nitrogen	mg/L as NH <sub>3</sub> -N	Macro Kjeldahl Method (SM:4500-Norg B)	< 5	≤40
Total Suspended Solids	mg/L	Dried at 103-105 degree celsius (SM:2540D)	< 5	≤50

Physical Apperance : 1. Sample : lightly SS  
2. Container : Normal [PE 0.5 L, PE 1.8 L, G 0.3 L (2 Bottle), G 1.0 L]

Remark : 1.<sup>1</sup> มาตรฐานควบคุมการระบายน้ำทั้งจากอาคารประเภท ค ข้อ 6 (7) ร้านอาหารตามประกาศกระทรวงทรัพยากรธรรมชาติและสิ่งแวดล้อม เรื่อง กำหนดมาตรฐานควบคุมการระบายน้ำทั้งจากอาคารบางประเภท และบางขนาด  
2. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.  
3. Sampling By Mr. Songpon Phiwan (ว-003-ค-0016)  
4.\*\*\* ต้องมีค่าเพิ่มขึ้นจากปริมาณสารละลายในน้ำใช้ตามปกติไม่เกิน 500 มิลลิกรัมต่อลิตร

Examined By .....

(Miss Apiradee Chuen-arom)

(ว-003-ค-0007)

16/08/2024



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By .....

(Miss Nunnaphat Bakhuntod)

(ว-003-ค-0005)

16/08/2024

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WITHOUT THE WRITTEN APPROVAL LABORATORY

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Request No. : W6708180

Report No. : 6708-0894

## TEST REPORT

Customer : AGC Vinythai Public Co.,Ltd.

Address : 202 Moo. 1 Suksawasdi Rd., T. Parkklongbangplakod , A. Prasamutjedi ,Samutprakarn 10290

Sampling Source : AGC Vinythai Public Co.,Ltd.

Sample No. : W-67080572

Sample Name : After Septic Canteen (อาคารโรงอาหาร)

Sampling Date : 06/08/2024

Sampling By : ETC

Sampling Time : 9:20 AM

Sampling Method : Grab

Received Date : 07/08/2024

Tested Date : 07/08/2024 – 16/08/2024

Reported Date : 16/08/2024

Parameter	Unit	Method	Result	Standard <sup>1)</sup>
Settleable Solid	mL/L	Volumetric Method (SM:2540F)	< 0.2	≤0.5

Physical Apperance :

1. Sample : lightly SS

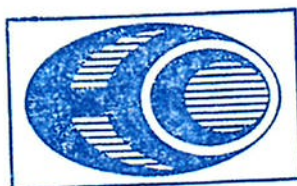
2. Container : Normal [PE 0.5 L, PE 1.8 L, G 0.3 L (2 Bottle), G 1.0 L]

Remark : 1.<sup>1)</sup> มาตรฐานควบคุมการระบายน้ำทิ้งจากอาคารประเภท ค ข้อ 6 (7) ร้านอาหารตามประกาศกระทรวงทรัพยากรธรรมชาติและสิ่งแวดล้อม  
เรื่อง กำหนดมาตรฐานควบคุมการระบายน้ำทิ้งจากอาคารบางประเภท และบางขนาด

2. Parameter Outside The Scope of The Registration of Department of Industrial Works

3. Sampling By Mr. Songpon Phiwuan

4. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By



( Miss Apiradee Chuen-arom )

16/08/2024

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## TEST REPORT

Request No. : W6708180

Report No. : 6708-0895

Customer : AGC Vinythai Public Co.,Ltd.

Address : 202 Moo. 1 Suksawasdi Rd., T. Parkklongbangplakod , A. Prasamutjedi , Samutprakarn 10290

Sampling Source : AGC Vinythai Public Co.,Ltd.

Sample No. : W 67080573

Sample Name : น้ำประปา

Sampling Date : 06/08/2024

Sampling By : ETC

Sampling Time : 9:15 AM

Sampling Method : Grab

Received Date : 07/08/2024

Tested Date : 07/08/2024 – 16/08/2024

Reported Date : 16/08/2024

Parameter	Unit	Method	Result
Total Dissolved Solids	mg/L	Dried at 103-105 degree celsius	162

Physical Apperance :

1. Sample : lightly SS
2. Container : Normal [ PE 1.0 L ]

- Remark :
1. Parameter Outside The Scope of The Registration of Department of Industrial Works
  2. Sampling By Mr. Songpon Phiwuan



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

( Miss Apiradee Chuen-arom )

16/08/2024

REPORTED TESTS REFER TO SUBMITTED SAMPLES ONLY  
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Request No. : W6709275

Report No. : 6709-1777

## TEST REPORT

Customer : AGC Vinythai Public Co.,Ltd.  
Address : 202 Moo. 1 Suksawasdi Rd., T. Parkklongbangplakod , A. Prasamutjedi ,Samutprakarn 10290  
Sampling Source : AGC Vinythai Public Co.,Ltd. Sample No. : W 67091039  
Sample Name : After Septic Canteen (อาคารโรงอาหาร) Sampling Date : 10/09/2024  
Sampling By : ETC Sampling Time : 9:35 AM  
Sampling Method : Grab Received Date : 11/09/2024  
Tested Date : 11/09/2024 – 18/09/2024 Reported Date : 27/09/2024

Parameter	Unit	Method	Result	Standard <sup>1)</sup>
Biochemical Oxygen Demand	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	2.2	≤40
Oil and Grease	mg/L	Liquid-Liquid, Partition-Gravimetric Method (SM:5520B)	< 3.0	≤20
pH (on site)		Electrometric Method	6.8	5.5-9.0
Sulfide	mg/L as H <sub>2</sub> S	ZnS Precipitation, Iodometric Method (SM:4500-S2-F)	< 0.50	≤1.0
Temperature	°C	Laboratory and Field Method (SM:2550 B)	31	-
Total Dissolved Solids	mg/L	Dried at 180 degree celsius (SM:2540C)	178	≤1300
Total Kjeldahl Nitrogen	mg/L as NH <sub>3</sub> -N	Macro Kjeldahl Method (SM:4500-Norg B)	< 5	≤40
Total Suspended Solids	mg/L	Dried at 103-105 degree celsius (SM:2540D)	< 5	≤50

Physical Apperance : 1. Sample : yellowish, lightly SS  
2. Container : Normal [PE 0.5 L, PE 1.8 L, G 0.3 L (2 Bottle), G 1.0 L]

Remark : 1.<sup>1)</sup> ประกาศกระทรวงทรัพยากรธรรมชาติและสิ่งแวดล้อม เรื่อง กำหนดมาตรฐานควบคุมการระบายน้ำทิ้งจากอาคารบางประเภทและบางขนาด (พ.ศ.2567) (อาคารประเภท ค)  
2. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.  
3. Sampling By Mr. Supharerk Phatklang (ว-003-ค-0031)

Examined By

(Miss Jiraporn Pankong)

(ว-003-ค-0009)

27/09/2024



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By

(Miss Nunnaphat Bakhuntod)

(ว-003-ค-0005)

27/09/2024

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Request No. : W6709275

Report No. : 6709-1777

## TEST REPORT

Customer : AGC Vinythai Public Co.,Ltd.

Address : 202 Moo. 1 Suksawasdi Rd., T. Parkklongbangplakod , A. Prasamutjedi ,Samutprakarn 10290

Sampling Source : AGC Vinythai Public Co.,Ltd.

Sample No. : W 67091039

Sample Name : After Septic Canteen (อาคาร โรงอาหาร)

Sampling Date : 10/09/2024

Sampling By : ETC

Sampling Time : 9:35 AM

Sampling Method : Grab

Received Date : 11/09/2024

Tested Date : 11/09/2024 – 18/09/2024

Reported Date : 27/09/2024

Parameter	Unit	Method	Result	Standard <sup>1/</sup>
Settleable Solid	mL/L	Volumetric Method (SM:2540F)	< 0.2	-

Physical Apperance :

1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L, PE 1.8 L, G 0.3 L (2 Bottle), G 1.0 L]

Remark :

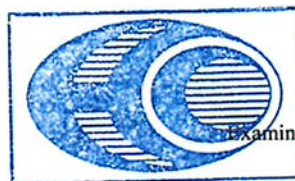
1. <sup>1/</sup> ประกาศกระทรวงทรัพยากรธรรมชาติและสิ่งแวดล้อม

เรื่อง กำหนดมาตรฐานควบคุมการระบายน้ำทิ้งจากอาคารบางประเภทและบางขนาด (พ.ศ.2567) (อาคารประเภท ค)

2. Parameter Outside The Scope of The Registration of Department of Industrial Works

3. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.

4. Sampling By Mr. Supharek Phatklang



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....



( Miss Apiradee Chuen-arom )

27/09/2024

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Request No. : W6709275

Report No. : 6709-1778

## TEST REPORT

Customer : AGC Vinythai Public Co.,Ltd.  
Address : 202 Moo. 1 Suksawasdi Rd., T. Parkklongbangplakod , A. Prasamutjedi ,Samutprakarn 10290  
Sampling Source : AGC Vinythai Public Co.,Ltd. Sample No. : W 67091040  
Sample Name : น้ำประปา Sampling Date : 10/09/2024  
Sampling By : ETC Sampling Time : 9:40 AM  
Sampling Method : Grab Received Date : 11/09/2024  
Tested Date : 11/09/2024 – 14/09/2024 Reported Date : 27/09/2024

Parameter	Unit	Method	Result
Total Dissolved Solids	mg/L	Dried at 180 degree celsius (SM:2540C)	129

Physical Apperance :  
1. Sample : lightly SS  
2. Container : Normal [ PE 1.0 L]

Remark :  
1. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.  
2. Parameter Outside The Scope of The Registration of Department of Industrial Works  
3. Sampling By Mr. Supharek Phatklang



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....



( Miss Apiradee Chuen-arom )

27/09/2024

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Request No. : W6710033

Report No. : 6710-0668

## TEST REPORT

Customer : AGC Vinythai Public Co.,Ltd.  
Address : 202 Moo. 1 Suksawasdi Rd., T. Parkklongbangplakod , A. Prasamutjedi , Samutprakarn 10290  
Sampling Source : AGC Vinythai Public Co.,Ltd. Sample No. : W 67100083  
Sample Name : After Septic Canteen (อาคารโรงอาหาร) Sampling Date : 01/10/2024  
Sampling By : ETC Sampling Time : 10:25 AM  
Sampling Method : Grab Received Date : 02/10/2024  
Tested Date : 02/10/2024 – 09/10/2024 Reported Date : 11/10/2024

Parameter	Unit	Method	Result	Standard <sup>1)</sup>
Biochemical Oxygen Demand	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	9.8	≤40
Oil and Grease	mg/L	Liquid-Liquid, Partition-Gravimetric Method (SM:5520B)	< 3.0	≤20
pH (on site)		Electrometric Method	7.6	5.5-9.0
Sulfide	mg/L as H <sub>2</sub> S	ZnS Precipitation, Iodometric Method (SM:4500-S2-F)	< 0.50	≤1.0
Temperature	°C	Laboratory and Field Method (SM:2550 B)	30	-
Total Dissolved Solids	mg/L	Dried at 180 degree celsius (SM:2540C)	336	≤1300
Total Kjeldahl Nitrogen	mg/L as NH <sub>3</sub> -N	Macro Kjeldahl Method (SM:4500-Norg B)	16	≤40
Total Suspended Solids	mg/L	Dried at 103-105 degree celsius (SM:2540D)	16	≤50

Physical Apperance : 1. Sample : yellowish, lightly SS  
2. Container : Normal [PE 0.5 L, PE 1.8 L, G 0.3 L (2 Bottle), G 1.0 L]

Remark : 1.<sup>1)</sup> ประกาศกระทรวงทรัพยากรธรรมชาติและสิ่งแวดล้อม เรื่อง กำหนดมาตรฐานควบคุมการระบายน้ำทิ้งจากอาคารบางประเภทและบางขนาด (พ.ศ.2567) (อาคารประเภท ค)  
2. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.  
3. Sampling By Mr. Parkpoom Buasawad (ว-003-ค-0017)


Examined By   
( Miss Apiradee Chuen-arom )

(ว-003-ค-0007)

11/10/2024



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By   
( Miss Nunnaphat Bakhuntod )

( ว-003-ค-0005 )

11/10/2024

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Request No. : W6710033

Report No. : 6710-0668

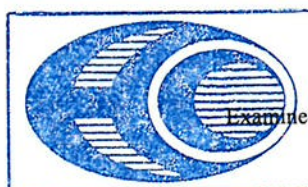
## TEST REPORT

Customer : AGC Vinythai Public Co.,Ltd.  
Address : 202 Moo. 1 Suksawasdi Rd.,T. Parkklongbangplakod , A. Prasamutjedi ,Samutprakarn 10290  
Sampling Source : AGC Vinythai Public Co.,Ltd. Sample No. : W 67100083  
Sample Name : After Septic Canteen (อาคารโรงอาหาร) Sampling Date : 01/10/2024  
Sampling By : ETC Sampling Time : 10:25 AM  
Sampling Method : Grab Received Date : 02/10/2024  
Tested Date : 02/10/2024 – 09/10/2024 Reported Date : 11/10/2024

Parameter	Unit	Method	Result	Standard <sup>1/</sup>
Settleable Solid	mL/L	Volumetric Method (SM:2540F)	< 0.2	-

Physical Apperance : 1. Sample : yellow, lightly SS  
2. Container : Normal [PE 0.5 L, PE 1.8 L, G 0.3 L (2 Bottle), G 1.0 L]

Remark : 1.<sup>1/</sup> ประกาศกระทรวงทรัพยากรธรรมชาติและสิ่งแวดล้อม  
เรื่อง กำหนดมาตรฐานควบคุมการระบายน้ำทิ้งจากอาคารบางประเภทและบางขนาด (พ.ศ.2567) (อาคารประเภท ค)  
2. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.  
3. Parameter Outside The Scope of The Registration of Department of Industrial Works  
4. Sampling By Mr. Parkpoom Buasawad



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

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(Miss Apiradee Chuen-arom)

11/10/2024

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Request No. : W6710033

## TEST REPORT

Report No. : 6710-0669

Customer : AGC Vinythai Public Co.,Ltd.

Address : 202 Moo. 1 Suksawasdi Rd., T. Parkklongbangplakod, A. Prasamutjedi, Samutprakarn 10290

Sampling Source : AGC Vinythai Public Co.,Ltd.

Sample No. : W 67100084

Sample Name : น้ำประปา

Sampling Date : 01/10/2024

Sampling By : ETC

Sampling Time : 10:30 AM

Sampling Method : Grab

Received Date : 02/10/2024

Tested Date : 02/10/2024 – 04/10/2024

Reported Date : 11/10/2024

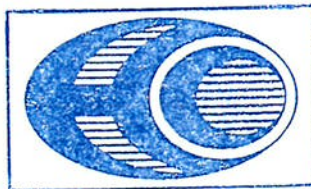
Parameter	Unit	Method	Result
Total Dissolved Solids	mg/L	Dried at 180 degree celsius (SM:2540C)	152

Physical Apperance :

1. Sample : lightly SS

2. Container : Normal [ PE 1.0 L ]

- Remark :
1. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
  2. Parameter Outside The Scope of The Registration of Department of Industrial Works
  3. Sampling By Mr. Parkpoom Buasawad



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Examined By .....



( Miss Apiradee Chuen-arom )

11/10/2024

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Request No. : W6711131

Report No. : 6711-0864

## TEST REPORT

Customer : AGC Vinythai Public Co.,Ltd.  
Address : 202 Moo. 1 Suksawasdi Rd., T. Parkklongbangplakod , A. Prasamutjedi , Samutprakarn 10290  
Sampling Source : AGC Vinythai Public Co.,Ltd. Sample No. : W 67110362  
Sample Name : After Septic Canteen (อาคารโรงอาหาร) Sampling Date : 05/11/2024  
Sampling By : ETC Sampling Time : 10:05 AM  
Sampling Method : Grab Received Date : 06/11/2024  
Tested Date : 06/11/2024 – 12/11/2024 Reported Date : 14/11/2024

Parameter	Unit	Method	Result	Standard <sup>1)</sup>
Biochemical Oxygen Demand	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	2.2	≤40
Oil and Grease	mg/L	Liquid-Liquid, Partition-Gravimetric Method (SM:5520B)	< 3.0	≤20
pH (on site)		Electrometric Method	7.6	5.5-9.0
Sulfide	mg/L as H <sub>2</sub> S	ZnS Precipitation, Iodometric Method (SM:4500-S2-F)	< 0.50	≤1.0
Temperature	°C	Laboratory and Field Method (SM:2550 B)	31	-
Total Dissolved Solids	mg/L	Dried at 180 degree celsius (SM:2540C)	312	≤1300
Total Kjeldahl Nitrogen	mg/L as NH <sub>3</sub> -N	Macro Kjeldahl Method (SM:4500-Norg B)	20	≤40
Total Suspended Solids	mg/L	Dried at 103-105 degree celsius (SM:2540D)	7	≤50

Physical Apperance : 1. Sample : yellowish, lightly SS  
2. Container : Normal [PE 0.5 L, PE 1.8 L, G 0.3 L (2 Bottle), G 1.0 L]

Remark : 1.<sup>1)</sup> ประกาศกระทรวงทรัพยากรธรรมชาติและสิ่งแวดล้อม เรื่อง กำหนดมาตรฐานควบคุมการระบายน้ำทิ้งจากอาคารบางประเภทและบางขนาด (พ.ศ.2567) (อาคารประเภท ค)  
2. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.  
3. Sampling By Mr. Songpon Phiwuan (ว-003-ก-0016)

Examined By

( Miss Apiradee Chuen-arom )

(ว-003-ก-0007)

14/11/2024



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By

( Miss Nunnaphat Bakhuntod )

(ว-003-ก-0005)

14/11/2024

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Request No. : W6711131

Report No. : 6711-0864-1

## TEST REPORT

Customer : AGC Vinythai Public Co.,Ltd.  
Address : 202 Moo. 1 Suksawasdi Rd., T. Parkklongbangplakod , A. Prasamutjedi , Samutprakarn 10290  
Sampling Source : AGC Vinythai Public Co.,Ltd. Sample No. : W 67110362  
Sample Name : After Septic Canteen (อาคาร โรงอาหาร) Sampling Date : 05/11/2024  
Sampling By : ETC Sampling Time : 10:05 AM  
Sampling Method : Grab Received Date : 06/11/2024  
Tested Date : 06/11/2024 – 03/12/2024 Reported Date : 06/12/2024

Parameter	Unit	Method	Result	Standard <sup>1/</sup>
Settleable Solid	mL/L	Volumetric Method (SM:2540F)	< 0.2	-

Physical Apperance :

1. Sample : yellow, turbid

2. Container : Normal [ PE 1.0 L]

Remark :

- <sup>1/</sup> ประกาศกระทรวงทรัพยากรธรรมชาติและสิ่งแวดล้อม เรื่อง กำหนดมาตรฐานควบคุมการระบายน้ำทิ้งจากอาคารบางประเภทและบางขนาด (พ.ศ.2567) (อาคารประเภท ก)
- Parameter Outside The Scope of The Registration of Department of Industrial Works
- SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
- Sampling By Mr. Songpon Phiwuan

SUPPLEMENT TO TEST REPORT NO. 6711-0864



Examined By .....

(Miss Apiradee Chuen-arom)

06/12/2024

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Request No. : W6712275

Report No. : 6712-1385

## TEST REPORT

Customer : AGC Vinythai Public Co.,Ltd.  
Address : 202 Moo. 1 Suksawasdi Rd., T. Parkklongbangplakod , A. Prasamutjedi ,Samutprakarn 10290  
Sampling Source : AGC Vinythai Public Co.,Ltd. Sample No. : W 67120860  
Sample Name : After Septic Canteen (อาคารโรงอาหาร) Sampling Date : 10/12/2024  
Sampling By : ETC Sampling Time : 10:45 AM  
Sampling Method : Grab Received Date : 11/12/2024  
Tested Date : 11/12/2024 – 19/12/2024 Reported Date : 21/12/2024

Parameter	Unit	Method	Result	Standard <sup>1/</sup>
Biochemical Oxygen Demand	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	6.5	≤40
Oil and Grease	mg/L	Liquid-Liquid, Partition-Gravimetric Method (SM:5520B)	< 3.0	≤20
pH (on site)		Electrometric Method	7.2	5.5-9.0
Sulfide	mg/L as H <sub>2</sub> S	ZnS Precipitation, Iodometric Method (SM:4500-S2-F)	< 0.50	≤1.0
Temperature	°C	Laboratory and Field Method (SM:2550 B)	30	-
Total Dissolved Solids	mg/L	Dried at 180 degree celsius (SM:2540C)	354	≤1300
Total Kjeldahl Nitrogen	mg/L as NH <sub>3</sub> -N	Macro Kjeldahl Method (SM:4500-Norg B)	22	≤40
Total Suspended Solids	mg/L	Dried at 103-105 degree celsius (SM:2540D)	5	≤50

Physical Apperance : 1. Sample : yellowish, lightly SS  
2. Container : Normal [PE 0.5 L, PE 1.8 L, G 0.3 L (2 Bottle), G 1.0 L]

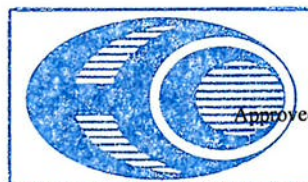
Remark : 1.<sup>1/</sup> ประกาศกระทรวงทรัพยากรธรรมชาติและสิ่งแวดล้อม  
เรื่อง กำหนดมาตรฐานควบคุมการระบายน้ำทิ้งจากอาคารบางประเภทและบางขนาด (พ.ศ.2567) (อาคารประเภท ค)  
2. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.  
3. Sampling By Mr. Songpon Phiwuan (ว-003-ค-0016)

Examined By .....

( Miss Apiradee Chuen-arom )

(ว-003-ค-0007)

21/12/2024



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By .....

( Mr. Kawee Suthasub )

( ว-003-ค-0004 )

21/12/2024

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Request No. : W6712275

Report No. : 6712-1385

## TEST REPORT

Customer : AGC Vinythai Public Co.,Ltd.

Address : 202 Moo. 1 Suksawasdi Rd., T. Parkklongbangplakod , A. Prasamutjedi , Samutprakarn 10290

Sampling Source : AGC Vinythai Public Co.,Ltd.

Sample No. : W 67120860

Sample Name : After Septic Canteen (อาคาร โรงอาหาร)

Sampling Date : 10/12/2024

Sampling By : ETC

Sampling Time : 10:45 AM

Sampling Method : Grab

Received Date : 11/12/2024

Tested Date : 11/12/2024 – 19/12/2024

Reported Date : 21/12/2024

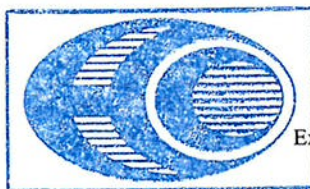
Parameter	Unit	Method	Result	Standard <sup>1/</sup>
Settleable Solid	mL/L	Volumetric Method (SM:2540F)	< 0.2	-

Physical Apperance :

1. Sample : yellowish, lightly SS

2. Container : Normal [ PE 1.0 L ]

- Remark : 1. <sup>1/</sup> ประกาศกระทรวงทรัพยากรธรรมชาติและสิ่งแวดล้อม เรื่อง กำหนดมาตรฐานควบคุมการระบายน้ำทิ้งจากอาคารบางประเภทและบางขนาด (พ.ศ.2567) (อาคารประเภท ค)
2. Parameter Outside The Scope of The Registration of Department of Industrial Works
3. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
4. Sampling By Mr. Songpon Phiwuan



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Examined By .....



( Miss Apiradee Chuen-arom )

21/12/2024

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## Test Report

Request No : W6707047

Report No : 6707-0636

Customer : AGC Vinythai Public Co.,Ltd.

Address : 202 Moo 1, Suksawadi Road, T.Pakdlongbangplakod, A.Phrasamutchedi, Samutprakan 10290

Sampling Source : AGC Vinythai Public Co.,Ltd.

Sample No : W 67070155

Sample Name : Effluent

Sampling Date : 02/07/2024

Sampling By : ETC

Sampling Time : 10:40 AM

Sampling Method : Grab

Received Date : 03/07/2024

Tested Date : 03/07/2024 - 09/07/2024

Reported Date : 11/07/2024

Parameter	Unit	Method	Result	Standard <sup>1</sup>
Chlorine (Residual)	mg/L as Cl <sub>2</sub>	DPD Colorimetric Method (SM:4500 -Cl G)	0.5	≤1

Physical Apperance : 1. Sample : lightly SS

2. Container : Normal [ PE 1.0 L , PE 1.8 L ]

Remark : 1. /1 Industrial Effluent Standard , Notification of the Ministry of Industry , B.E. 2560 (2017)

2. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.

3. Parameter Outside The Scope of The Registration of Department of Industrial Works

4. Sampling By Miss Pompinan Viriyakusolkul



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : .....

(Miss Apiradee Chuen-arom)

11/07/2024

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Page 1 of 1

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Request No. : W6707046

Report No. : 6707-0905

## TEST REPORT

Customer : AGC Vinythai Public Co.,Ltd.

Address : 202 Moo. 1 Suksawasdi Rd., T. Parkklongbangplakod, A. Prasamutjedi, Samutprakarn 10290

Sampling Source : AGC Vinythai Public Co.,Ltd.

Sample No. : W 67070149

Sample Name : Effluent

Sampling Date : 02/07/2024

Sampling By : ETC

Sampling Time : 10:40 AM

Sampling Method : Grab

Received Date : 03/07/2024

Tested Date : 03/07/2024 – 09/07/2024

Reported Date : 15/07/2024

Parameter	Unit	Method	Result	Standard <sup>1)</sup>
Biochemical Oxygen Demand	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	< 2.0	≤60 <sup>2)</sup>
Chemical Oxygen Demand	mg/L	Closed Reflux, Titrimetric Method (SM:5220C)	< 40	≤120
Oil and Grease	mg/L	Liquid-Liquid, Partition-Gravimetric Method (SM:5520B)	< 3.0	≤5
pH (on site)		Electrometric Method	8.7	5.5-9.0
Temperature	°C	Laboratory and Field Method (SM:2550 B)	37	≤40

Physical Appearance :

1. Sample : lightly SS

2. Container : Normal [PE 0.5 L, PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1.<sup>1)</sup> Industrial Effluent Standard, Notification of the Ministry of Industry, B.E. 2560 (2017)2.<sup>2)</sup> มาตรฐานตามประกาศกรมโรงงานอุตสาหกรรม เรื่องกำหนดคุณลักษณะน้ำทิ้งที่ระบายออกนอกโรงงานให้มีค่าแตกต่างจากที่กำหนดไว้ในประกาศกระทรวงอุตสาหกรรม ฉบับที่ 2 (พ.ศ.2539) เรื่อง กำหนดคุณลักษณะของน้ำทิ้งที่ระบายออกจากโรงงาน : มาตรฐานสำหรับโรงงานลำดับที่ 42 (1) (การทำเคมีภัณฑ์ สารเคมี หรือวัสดุเคมี)

3. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.

4. Sampling By Miss Pornpinan Viriyakusolkul (ว-003-ค-0036)

5.<sup>\*\*\*</sup> ของแข็งละลายน้ำทั้งหมด (Total Dissolved Solids) กรณิระบายลงแหล่งน้ำ ต้องไม่เกิน 3,000 mg/l และกรณิระบายลงแหล่งน้ำที่มีค่าของแข็งละลายน้ำทั้งหมดเกินกว่า 3,000 mg/l ค่าของแข็งละลายน้ำทั้งหมดในน้ำทิ้งที่ระบายได้ต้องมีค่าเกินกว่าค่าของแข็งละลายน้ำทั้งหมดที่มีอยู่ในแหล่งน้ำนั้นไม่เกิน 5,000 mg/l

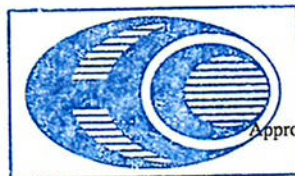
Examined By



(Miss Apiradee Chuen-arom)

(ว-003-ค-0007)

15/07/2024



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By



(Miss Nunnaphat Bakhuntod)

(ว-003-ค-0005)

15/07/2024

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Request No. : W6707046

Report No. : 6707-0905

## TEST REPORT

Customer : AGC Vinythai Public Co.,Ltd.

Address : 202 Moo. 1 Suksawasdi Rd., T. Parkklongbangplakod, A. Prasamutjedi, Samutprakarn 10290

Sampling Source : AGC Vinythai Public Co.,Ltd.

Sample No. : W 67070149

Sample Name : Effluent

Sampling Date : 02/07/2024

Sampling By : ETC

Sampling Time : 10:40 AM

Sampling Method : Grab

Received Date : 03/07/2024

Tested Date : 03/07/2024 – 09/07/2024

Reported Date : 15/07/2024

Parameter	Unit	Method	Result	Standard <sup>1)</sup>
Total Dissolved Solids	mg/L	Dried at 180 degree celsius (SM:2540C)	2,072	3,000***
Total Kjeldahl Nitrogen	mg/L as NH <sub>3</sub> -N	Macro Kjeldahl Method (SM:4500-Norg B)	< 5	≤100
Total Suspended Solids	mg/L	Dried at 103-105 degree celsius (SM:2540D)	< 5	≤50

Physical Apperance :

1. Sample : lightly SS

2. Container : Normal [PE 0.5 L, PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark :

1.<sup>1)</sup> Industrial Effluent Standard, Notification of the Ministry of Industry, B.E. 2560 (2017)2.<sup>2)</sup> มาตรฐานตามประกาศกรมโรงงานอุตสาหกรรม เรื่องกำหนดคุณลักษณะน้ำทิ้งที่ระบายออกนอกโรงงานให้มีค่าแตกต่างจากที่กำหนดไว้ในประกาศกระทรวงอุตสาหกรรม ฉบับที่ 2 (พ.ศ.2539) เรื่อง กำหนดคุณลักษณะของน้ำทิ้งที่ระบายออกจากโรงงาน : มาตรฐานสำหรับโรงงานลำดับที่ 42 (1) (การทำเคมีภัณฑ์ สารเคมี หรือวัสดุเคมี)

3. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.

4. Sampling By Miss Pornpinan Viriyakusolkul (ว-003-ค-0036)

5.<sup>\*\*\*</sup> ของแข็งละลายน้ำทั้งหมด (Total Dissolved Solids) กรณีระบายลงแหล่งน้ำ ต้องไม่เกิน 3,000 mg/l และกรณีระบายลงแหล่งน้ำที่มีค่าของแข็งละลายน้ำทั้งหมดเกินกว่า 3,000 mg/l ค่าของแข็งละลายน้ำทั้งหมดในน้ำทิ้งที่ระบายได้ต้องมีค่าเกินกว่าค่าของแข็งละลายน้ำทั้งหมดที่มีอยู่ในแหล่งน้ำนั้นไม่เกิน 5,000 mg/l

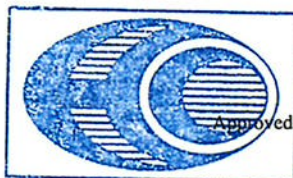
Examined By



(Miss Apiradee Chuen-arom)

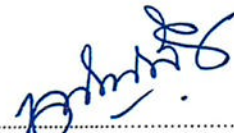
(ว-003-ค-0007)

15/07/2024



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Approved By



(Miss Nunnaphat Bakhuntod)

(ว-003-ค-0005)

15/07/2024

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Request No. : W6707046

Report No. : 6707-0906

## TEST REPORT

Customer : AGC Vinythai Public Co.,Ltd.  
Address : 202 Moo. 1 Suksawasdi Rd., T. Parkklongbangplakod , A. Prasamutjedi , Samutprakarn 10290  
Sampling Source : AGC Vinythai Public Co.,Ltd. Sample No. : W 67070150  
Sample Name : แม่น้ำเจ้าพระยา Sampling Date : 02/07/2024  
Sampling By : ETC Sampling Time : 10:55 AM  
Sampling Method : Grab Received Date : 03/07/2024  
Tested Date : 03/07/2024 – 05/07/2024 Reported Date : 15/07/2024

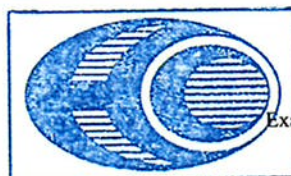
Parameter	Unit	Method	Result	Standard <sup>1)</sup>
Total Dissolved Solids	mg/L	Dried at 180 degree celsius (SM:2540C)	1,064	-

Physical Apperance :

1. Sample : yellow, turbid

2. Container : Normal [ PE 1.0 L ]

- Remark : 1.<sup>1)</sup> Surface Water Quality Standards Notification of the National Environment Board No. 8 BE. 2537 (1994) , Class 4  
2. Parameter Outside The Scope of The Registration of Department of Industrial Works  
3. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.  
4. Sampling By Miss Pompinan Viriyakusolkul



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

( Miss Apiradee Chuen-arom )

15/07/2024

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## Test Report

Request No : W6708181

Report No : 6708-0817

Customer : AGC Vinythai Public Co.,Ltd.

Address : 202 Moo 1, Suksawadi Road, T.Pakklongbangplakod, A.Phrasamutchedi, Samutprakan 10290

Sampling Source : AGC Vinythai Public Co.,Ltd.

Sample No : W 67080575

Sample Name : Effluent

Sampling Date : 06/08/2024

Sampling By : ETC

Sampling Time : 10:10 AM

Sampling Method : Grab

Received Date : 07/08/2024

Tested Date : 07/08/2024 - 10/08/2024

Reported Date : 15/08/2024

Parameter	Unit	Method	Result	Standard <sup>1</sup>
Chlorine (Residual)	mg/L as Cl <sub>2</sub>	DPD Colorimetric Method (SM:4500 -Cl G)	0.1	≤1

Physical Apperance : 1. Sample : lightly SS

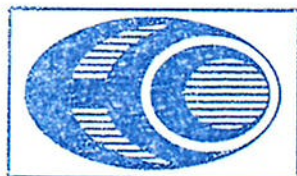
2. Containcr : Normal [ PE 0.5 L, PE 1.0 L, PE 1.8 L ]

Remark : 1. /1 Industrial Effluent Standard , Notification of the Ministry of Industry , B.E. 2560 (2017)

2. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.

3. Parameter Outside The Scope of The Registration of Department of Industrial Works

4. Sampling By Mr. Songpon Phiwuan



บริษัท อีสเทิร์นไทย คอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

15/08/2024

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Request No. : W6708180

Report No. : 6708-0891

## TEST REPORT

Customer : AGC Vinythai Public Co.,Ltd.

Address : 202 Moo. 1 Suksawasdi Rd., T. Parkklongbangplakod, A. Prasamutjedi, Samutprakarn 10290

Sampling Source : AGC Vinythai Public Co.,Ltd.

Sample No. : W 67080569

Sample Name : Effluent

Sampling Date : 06/08/2024

Sampling By : ETC

Sampling Time : 10:10 AM

Sampling Method : Grab

Received Date : 07/08/2024

Tested Date : 07/08/2024 – 14/08/2024

Reported Date : 16/08/2024

Parameter	Unit	Method	Result	Standard <sup>1</sup>
Biochemical Oxygen Demand	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	< 2.0	≤60 <sup>2</sup>
Chemical Oxygen Demand	mg/L	Closed Reflux, Titrimetric Method (SM:5220C)	< 40	≤120
Oil and Grease	mg/L	Liquid-Liquid, Partition-Gravimetric Method (SM:5520B)	< 3.0	≤5
pH (on site)		Electrometric Method	7.0	5.5-9.0
Temperature	°C	Laboratory and Field Method (SM:2550 B)	30	≤40

Physical Apperance : 1. Sample : lightly SS  
2. Container : Normal [PE 0.5 L, PE 1.0 L, PE 1.8 L, G 1.0 L]

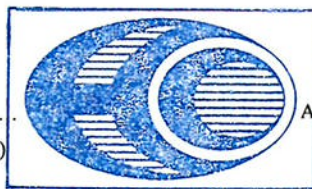
Remark : 1.<sup>1</sup> Industrial Effluent Standard, Notification of the Ministry of Industry, B.E. 2560 (2017)  
2.<sup>2</sup> มาตรฐานตามประกาศกรมโรงงานอุตสาหกรรม เรื่องกำหนดคุณลักษณะน้ำทิ้งที่ระบายออกนอกโรงงานให้มีค่าแตกต่างจากที่กำหนดไว้ในประกาศกระทรวงอุตสาหกรรม ฉบับที่ 2 (พ.ศ.2539) เรื่อง กำหนดคุณลักษณะของน้ำทิ้งที่ระบายออกจากโรงงาน : มาตรฐานสำหรับโรงงานลำดับที่ 42 (1) (การทำเคมีภัณฑ์ สารเคมี หรือวัสดุเคมี)  
3. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.  
4. Sampling By Mr. Songpon Phiwuan (ว-003-ค-0016)  
5.<sup>\*\*\*</sup> ของแข็งละลายน้ำทั้งหมด (Total Dissolved Solids) กรณีระบายลงแหล่งน้ำ ต้องไม่เกิน 3,000 mg/L และกรณีระบายลงแหล่งน้ำที่มีค่าของแข็งละลายน้ำทั้งหมดเกินกว่า 3,000 mg/L ค่าของแข็งละลายน้ำทั้งหมดในน้ำทิ้งที่จะระบายได้ต้องมีค่าเกินกว่าค่าของแข็งละลายน้ำทั้งหมดที่มีอยู่ในแหล่งน้ำนั้นไม่เกิน 5,000 mg/L

Examined By .....

(Miss Apiradee Chuen-arom)

(ว-003-ค-0007)

16/08/2024



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By .....

(Miss Nunnaphat Bakhuntod)

(ว-003-ค-0005)

16/08/2024

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Request No. : W6708180

Report No. : 6708-0891

## TEST REPORT

Customer : AGC Vinythai Public Co.,Ltd.  
Address : 202 Moo. 1 Suksawasdi Rd., T. Parkklongbangplakod, A. Prasamutjedi, Samutprakarn 10290  
Sampling Source : AGC Vinythai Public Co.,Ltd.  
Sample Name : Effluent  
Sampling By : ETC  
Sampling Method : Grab  
Tested Date : 07/08/2024 – 14/08/2024

Sample No. : W 67080569  
Sampling Date : 06/08/2024  
Sampling Time : 10:10 AM  
Received Date : 07/08/2024  
Reported Date : 16/08/2024

Parameter	Unit	Method	Result	Standard <sup>1)</sup>
Total Dissolved Solids	mg/L	Dried at 180 degree celsius (SM:2540C)	1,712	3,000***
Total Kjeldahl Nitrogen	mg/L as NH <sub>3</sub> -N	Macro Kjeldahl Method (SM:4500-Norg B)	< 5	≤100
Total Suspended Solids	mg/L	Dried at 103-105 degree celsius (SM:2540D)	< 5	≤50

Physical Apperance :

1. Sample : lightly SS

2. Container : Normal [PE 0.5 L, PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark :

1.<sup>1)</sup> Industrial Effluent Standard, Notification of the Ministry of Industry, B.E. 2560 (2017)2.<sup>2)</sup> มาตรฐานตามประกาศกรมโรงงานอุตสาหกรรม เรื่องกำหนดคุณลักษณะน้ำทิ้งที่ระบายออกนอกโรงงานให้มีค่าแตกต่างจากที่กำหนดไว้ในประกาศกระทรวงอุตสาหกรรม ฉบับที่ 2 (พ.ศ.2539) เรื่อง กำหนดคุณลักษณะของน้ำทิ้งที่ระบายออกจากโรงงาน : มาตรฐานสำหรับโรงงานลำดับที่ 42 (1) (การทำเคมีภัณฑ์ สารเคมี หรือวัสดุเคมี)

3. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.

4. Sampling By Mr. Songpon Phiwan (ว-003-ค-0016)

5.<sup>\*\*\*</sup> ของแข็งละลายน้ำทั้งหมด (Total Dissolved Solids) กรณีระบายลงแหล่งน้ำ ต้องไม่เกิน 3,000 mg/L และกรณีระบายลงแหล่งน้ำที่มีค่าของแข็งละลายน้ำทั้งหมดเกินกว่า 3,000 mg/L ค่าของแข็งละลายน้ำทั้งหมดในน้ำทิ้งที่ระบายได้ต้องมีค่าเกินกว่าค่าของแข็งละลายน้ำทั้งหมดที่มีอยู่ในแหล่งน้ำนั้นไม่เกิน 5,000 mg/L

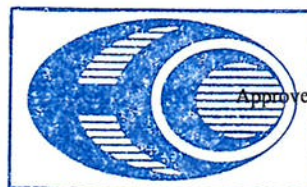
Examined By



( Miss Apiradee Chuen-arom )

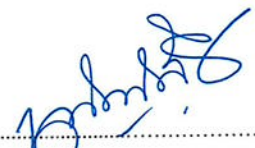
(ว-003-ค-0007)

16/08/2024



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By



( Miss Nunnaphat Bakhuntod )

( ว-003-ค-0005 )

16/08/2024

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Request No. : W6708180

## TEST REPORT

Report No. : 6708-0892

Customer : AGC Vinythai Public Co.,Ltd.

Address : 202 Moo. 1 Suksawasdi Rd., T. Parkklongbangplakod, A. Prasamutjedi, Samutprakarn 10290

Sampling Source : AGC Vinythai Public Co.,Ltd.

Sample No. : W 67080570

Sample Name : แม่น้ำเจ้าพระยา

Sampling Date : 06/08/2024

Sampling By : ETC

Sampling Time : 10:30 AM

Sampling Method : Grab

Received Date : 07/08/2024

Tested Date : 07/08/2024 – 09/08/2024

Reported Date : 16/08/2024

Parameter	Unit	Method	Result	Standard <sup>1/</sup>
Total Dissolved Solids	mg/L	Dried at 180 degree celsius (SM:2540C)	392	-

Physical Apperance :

1. Sample : yellow, turbid
2. Container : Normal [ PE 1.0 L]

- Remark :
- 1.<sup>1/</sup> Surface Water Quality Standards Notification of the National Environment Board No. 8 BE. 2537 (1994), Class 4
  2. Parameter Outside The Scope of The Registration of Department of Industrial Works
  3. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
  4. Sampling By Mr. Songpon Phiwuan



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....



( Miss Apiradee Chuen-arom )

16/08/2024

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Request No. : W6709275

Report No. : 6709-1774

## TEST REPORT

Customer : AGC Vinythai Public Co.,Ltd.

Address : 202 Moo. 1 Suksawasdi Rd., T. Parkklongbangplakod , A. Prasamutjedi , Samutprakarn 10290

Sampling Source : AGC Vinythai Public Co.,Ltd.

Sample No. : W 67091036

Sample Name : Effluent

Sampling Date : 10/09/2024

Sampling By : ETC

Sampling Time : 10:10 AM

Sampling Method : Grab

Received Date : 11/09/2024

Tested Date : 11/09/2024 – 18/09/2024

Reported Date : 27/09/2024

Parameter	Unit	Method	Result	Standard <sup>1)</sup>
Chlorine (Residual)	mg/L as Cl <sub>2</sub>	DPD Colorimetric Method (SM:4500 -Cl G)	0.2	≤1

Physical Apperance :

1. Sample : lightly SS

2. Container : Normal [PE 0.5 L, PE 1.0 L, PE 1.8 L, G 1.0 L]

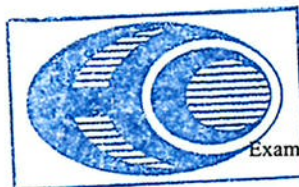
Remark :

1. <sup>1)</sup> Industrial Effluent Standard , Notification of the Ministry of Industry , B.E. 2560 (2017)

2. Parameter Outside The Scope of The Registration of Department of Industrial Works

3. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.

4. Sampling By Mr. Supharerk Phatklang



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

( Miss Apiradee Chuen-arom )

27/09/2024

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Request No. : W6709275

Report No. : 6709-1774


## TEST REPORT

Customer : AGC Vinythai Public Co.,Ltd.  
Address : 202 Moo. 1 Suksawasdi Rd., T. Parkklongbangplakod , A. Prasamutjedi ,Samutprakam 10290  
Sampling Source : AGC Vinythai Public Co.,Ltd. Sample No. : W 67091036  
Sample Name : Effluent Sampling Date : 10/09/2024  
Sampling By : ETC Sampling Time : 10:10 AM  
Sampling Method : Grab Received Date : 11/09/2024  
Tested Date : 11/09/2024 – 18/09/2024 Reported Date : 27/09/2024

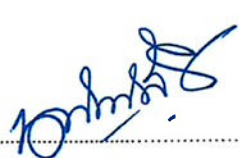
Parameter	Unit	Method	Result	Standard <sup>1</sup>
Biochemical Oxygen Demand	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	< 2.0	≤60 <sup>2</sup>
Chemical Oxygen Demand	mg/L	Closed Reflux, Titrimetric Method (SM:5220C)	< 40	≤120
Color (Original)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM:2120F)	< 20	≤300
Color (pH 7.0)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM:2120F)	< 20	≤300

Physical Apperance : 1. Sample : lightly SS  
2. Container : Normal [PE 0.5 L, PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1.<sup>1</sup> Industrial Effluent Standard , Notification of the Ministry of Industry , B.E. 2560 (2017)  
2.<sup>2</sup> มาตรฐานตามประกาศกรมโรงงานอุตสาหกรรม เรื่องกำหนดคุณลักษณะน้ำทิ้งที่ระบายออกนอกโรงงานให้มีค่าแตกต่างจากที่กำหนดไว้ในประกาศกระทรวงอุตสาหกรรม ฉบับที่ 2 (พ.ศ.2539) เรื่อง กำหนดคุณลักษณะของน้ำทิ้งที่ระบายออกจากโรงงาน : มาตรฐานสำหรับโรงงานลำดับที่ 42 (1) (การทำความเย็น สารเคมี หรือวัสดุเคมี)  
3. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.  
4. Sampling By Mr. Supharerk Phatklang (ว-003-ค-0031)  
5.<sup>\*\*\*</sup> ของแข็งละลายน้ำทั้งหมด (Total Dissolved Solids) กรณิระบายลงแหล่งน้ำ ต้องไม่เกิน 3,000 mg/L และกรณิระบายลงแหล่งน้ำที่มีค่าของแข็งละลายน้ำทั้งหมดเกินกว่า 3,000 mg/L ค่าของแข็งละลายน้ำทั้งหมดในน้ำทิ้งที่จะระบายได้ต้องมีค่าเกินกว่าค่าของแข็งละลายน้ำทั้งหมดที่มีอยู่ในแหล่งน้ำนั้น ไม่เกิน 5,000 mg/L

Examined By   
(Miss Apiradee Chuen-arom)  
(ว-003-ค-0007)  
27/09/2024



Approved By   
(Miss Nunnaphat Bakhuntod)  
(ว-003-ค-0005)  
27/09/2024

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Request No. : W6709275

Report No. : 6709-1774

## TEST REPORT

Customer : AGC Vinythai Public Co.,Ltd.  
Address : 202 Moo. 1 Suksawasdi Rd., T. Parkklongbangplakod , A. Prasamutjedi , Samutprakarn 10290  
Sampling Source : AGC Vinythai Public Co.,Ltd. Sample No. : W 67091036  
Sample Name : Effluent Sampling Date : 10/09/2024  
Sampling By : ETC Sampling Time : 10:10 AM  
Sampling Method : Grab Received Date : 11/09/2024  
Tested Date : 11/09/2024 – 18/09/2024 Reported Date : 27/09/2024

Parameter	Unit	Method	Result	Standard <sup>1)</sup>
Oil and Grease	mg/L	Liquid-Liquid, Partition-Gravimetric Method (SM:5520B)	< 3.0	≤5
pH (on site)		Electrometric Method	7.3	5.5-9.0
Temperature	°C	Laboratory and Field Method (SM:2550 B)	37	≤40
Total Dissolved Solids	mg/L	Dried at 180 degree celsius (SM:2540C)	1,752	3,000***
Total Kjeldahl Nitrogen	mg/L as NH <sub>3</sub> -N	Macro Kjeldahl Method (SM:4500-Norg B)	< 5	≤100
Total Suspended Solids	mg/L	Dried at 103-105 degree celsius (SM:2540D)	< 5	≤50

Physical Apperance : 1. Sample : lightly SS  
2. Container : Normal [PE 0.5 L, PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1.<sup>1)</sup> Industrial Effluent Standard , Notification of the Ministry of Industry , B.E. 2560 (2017)  
2.<sup>2)</sup> มาตรฐานตามประกาศกรมโรงงานอุตสาหกรรม เรื่องกำหนดคุณลักษณะน้ำทิ้งที่ระบายออกนอกโรงงานให้มีค่าแตกต่างจากที่กำหนดไว้ในประกาศกระทรวงอุตสาหกรรม ฉบับที่ 2 (พ.ศ.2539) เรื่อง กำหนดคุณลักษณะของน้ำทิ้งที่ระบายออกจากโรงงาน : มาตรฐานสำหรับโรงงานลำดับที่ 42 (1) (การทำเคมีภัณฑ์ สารเคมี หรือวัสดุเคมี)  
3. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.  
4. Sampling By Mr. Supharek Phatklang (ว-003-ค-0031)  
5.<sup>\*\*\*</sup> ของแข็งละลายน้ำทั้งหมด (Total Dissolved Solids) กรณีระบายลงแหล่งน้ำ ต้องไม่เกิน 3,000 mg/L และกรณีระบายลงแหล่งน้ำที่มีค่าของแข็งละลายน้ำทั้งหมดเกินกว่า 3,000 mg/L ค่าของแข็งละลายน้ำทั้งหมดในน้ำทิ้งที่ระบายได้ต้องมีค่าเกินกว่าค่าของแข็งละลายน้ำทั้งหมดที่มีอยู่ในแหล่งน้ำนั้นไม่เกิน 5,000 mg/L

Examined By .....

( Miss Apiradee Chuen-arom )

(ว-003-ค-0007)

27/09/2024



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By .....

( Miss Nunnaphat Bakhuntod )

(ว-003-ค-0005)

27/09/2024

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Request No. : W6709275

Report No. : 6709-1775

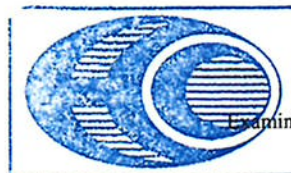
## TEST REPORT

Customer : AGC Vinythai Public Co.,Ltd.  
Address : 202 Moo. 1 Suksawasdi Rd.,T. Parkklongbangplakod , A. Prasamutjedi ,Samutprakarn 10290  
Sampling Source : AGC Vinythai Public Co.,Ltd. Sample No. : W 67091037  
Sample Name : แม่น้ำเจ้าพระยา Sampling Date : 10/09/2024  
Sampling By : ETC Sampling Time : 10:20 AM  
Sampling Method : Grab Received Date : 11/09/2024  
Tested Date : 11/09/2024 – 14/09/2024 Reported Date : 27/09/2024

Parameter	Unit	Method	Result	Standard <sup>1/</sup>
Total Dissolved Solids	mg/L	Dried at 180 degree celsius (SM:2540C)	214	-

Physical Apperance :  
1. Sample : yellow, turbid  
2. Container : Normal [ PE 1.0 L]

Remark :  
1.<sup>1/</sup> Surface Water Quality Standards Notification of the National Environment Board No. 8 BE. 2537 (1994) , Class 4  
2. Parameter Outside The Scope of The Registration of Department of Industrial Works  
3. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.  
4. Sampling By Mr. Supharek Phatklang



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด



( Miss Apiradec Chuen-arom )

27/09/2024

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## Test Report

Request No : W6710034

Report No : 6710-0389

Customer : AGC Vinythai Public Co.,Ltd.

Address : 202 Moo 1, Suksawadi Road, T.Pakklongbangplakod, A.Phrasamutchedi, Samutprakan 10290

Sampling Source : AGC Vinythai Public Co.,Ltd.

Sample No : W 67100086

Sample Name : Effluent

Sampling Date : 01/10/2024

Sampling By : ETC

Sampling Time : 11:10 AM

Sampling Method : Grab

Received Date : 02/10/2024

Tested Date : 02/10/2024 - 05/10/2024

Reported Date : 08/10/2024

Parameter	Unit	Method	Result	Standard <sup>1</sup>
Chlorine (Residual)	mg/L as Cl <sub>2</sub>	DPD Colorimetric Method (SM:4500 -Cl G)	0.1	≤1

Physical Apperance : 1. Sample : lightly SS

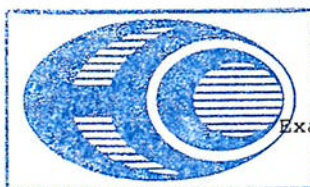
2. Container : Normal [ PE 0.5 L, PE 1.0 L [ 2 Bottle], PE 1.8 L ]

Remark : 1. /1 Industrial Effluent Standard , Notification of the Ministry of Industry , B.E. 2560 (2017)

2. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.

3. Parameter Outside The Scope of The Registration of Department of Industrial Works

4. Sampling By Mr. Parkpoom Buasawad



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

08/10/2024

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Request No. : W6710033

Report No. : 6710-0665

## TEST REPORT


Customer : AGC Vinythai Public Co.,Ltd.  
Address : 202 Moo. 1 Suksawasdi Rd., T. Parkklongbangplakod , A. Prasamutjedi , Samutprakarn 10290  
Sampling Source : AGC Vinythai Public Co.,Ltd.  
Sample Name : Effluent  
Sampling By : ETC  
Sampling Method : Grab  
Tested Date : 02/10/2024 – 09/10/2024

Sample No. : W 67100080  
Sampling Date : 01/10/2024  
Sampling Time : 11:10 AM  
Received Date : 02/10/2024  
Reported Date : 11/10/2024

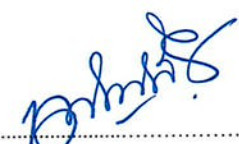
Parameter	Unit	Method	Result	Standard <sup>1</sup>
Biochemical Oxygen Demand	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	< 2.0	≤60 <sup>2</sup>
Chemical Oxygen Demand	mg/L	Closed Reflux, Titrimetric Method (SM:5220C)	40	≤120
Oil and Grease	mg/L	Liquid-Liquid, Partition-Gravimetric Method (SM:5520B)	< 3.0	≤5
pH (on site)		Electrometric Method	6.7	5.5-9.0
Temperature	°C	Laboratory and Field Method (SM:2550 B)	37	≤40

Physical Apperance : 1. Sample : lightly SS  
2. Container : Normal [PE 0.5 L, PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1.<sup>1</sup> Industrial Effluent Standard , Notification of the Ministry of Industry , B.E. 2560 (2017)  
2.<sup>2</sup> มาตรฐานตามประกาศกรมโรงงานอุตสาหกรรม เรื่องกำหนดคุณลักษณะน้ำทิ้งที่ระบายออกนอกโรงงานให้มีค่าแตกต่างจากที่กำหนดไว้ในประกาศกระทรวงอุตสาหกรรม ฉบับที่ 2 (พ.ศ.2539) เรื่อง กำหนดคุณลักษณะของน้ำทิ้งที่ระบายออกจากโรงงาน : มาตรฐานสำหรับโรงงานลำดับที่ 42 (1) (การทำเคมีภัณฑ์ สารเคมี หรือวัสดุเคมี)  
3. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.  
4. Sampling By Mr. Parkpoom Buasawad (ว-003-ท-0017)  
5.<sup>\*\*\*</sup> ของแข็งละลายน้ำทั้งหมด (Total Dissolved Solids) กรณิระบายลงแหล่งน้ำ ต้องไม่เกิน 3,000 mg/L และกรณิระบายลงแหล่งน้ำที่มีค่าของแข็งละลายน้ำทั้งหมดเกินกว่า 3,000 mg/L ค่าของแข็งละลายน้ำทั้งหมดในน้ำทิ้งที่จะระบายได้ต้องมีค่าเกินกว่าค่าของแข็งละลายน้ำทั้งหมดที่มีอยู่ในแหล่งน้ำนั้นไม่เกิน 5,000 mg/L

Examined By   
( Miss Apiradee Chuen-arom )  
(ว-003-ท-0007)  
11/10/2024



Approved By   
( Miss Nunnaphat Bakhuntod )  
( ว-003-ท-0005 )  
11/10/2024

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Request No. : W6710033

Report No. : 6710-0665

## TEST REPORT

Customer : AGC Vinythai Public Co.,Ltd.

Address : 202 Moo. 1 Suksawasdi Rd., T. Parkklongbangplakod , A. Prasamutjedi ,Samutprakarn 10290

Sampling Source : AGC Vinythai Public Co.,Ltd.

Sample No. : W 67100080

Sample Name : Effluent

Sampling Date : 01/10/2024

Sampling By : ETC

Sampling Time : 11:10 AM

Sampling Method : Grab

Received Date : 02/10/2024

Tested Date : 02/10/2024 – 09/10/2024

Reported Date : 11/10/2024

Parameter	Unit	Method	Result	Standard <sup>1)</sup>
Total Dissolved Solids	mg/L	Dried at 180 degree celsius (SM:2540C)	2,040	3,000***
Total Kjeldahl Nitrogen	mg/L as NH <sub>3</sub> -N	Macro Kjeldahl Method (SM:4500-Norg B)	< 5	≤100
Total Suspended Solids	mg/L	Dried at 103-105 degree celsius (SM:2540D)	< 5	≤50

Physical Apperance :

1. Sample : lightly SS

2. Container : Normal [PE 0.5 L, PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark :

1.<sup>1)</sup> Industrial Effluent Standard , Notification of the Ministry of Industry , B.E. 2560 (2017)2.<sup>2)</sup> มาตรฐานตามประกาศกรมโรงงานอุตสาหกรรม เรื่องกำหนดคุณลักษณะน้ำทิ้งที่ระบายออกนอกโรงงานให้มีค่าแตกต่างจากที่กำหนดไว้ในประกาศกระทรวงอุตสาหกรรม ฉบับที่ 2 (พ.ศ.2539) เรื่อง กำหนดคุณลักษณะของน้ำทิ้งที่ระบายออกจากโรงงาน : มาตรฐานสำหรับโรงงานลำดับที่ 42 (1) (การทำเคมีภัณฑ์ สารเคมี หรือวัสดุเคมี)

3. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.

4. Sampling By Mr. Parkpoom Buasawad (จ-003-ค-0017)

5.\*\*\* ของแข็งละลายน้ำทั้งหมด (Total Dissolved Solids) กรณีระบายลงแหล่งน้ำ ต้องไม่เกิน 3,000 mg/L และกรณีระบายลงแหล่งน้ำที่มีค่าของแข็งละลายน้ำทั้งหมดเกินกว่า 3,000 mg/L ค่าของแข็งละลายน้ำทั้งหมดในน้ำทิ้งที่จะระบายได้ต้องมีค่าเกินกว่าค่าของแข็งละลายน้ำทั้งหมดที่มีอยู่ในแหล่งน้ำนั้น ไม่เกิน 5,000 mg/L

Examined By .....

( Miss Apiradee Chuen-arom )

(จ-003-ค-0007)

11/10/2024



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By .....

( Miss Nunnaphat Bakhuntod )

( จ-003-ค-0005 )

11/10/2024

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Request No. : W6710033

Report No. : 6710-0666

## TEST REPORT

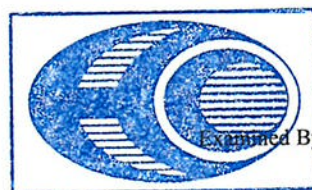
Customer : AGC Vinythai Public Co.,Ltd.  
Address : 202 Moo. 1 Suksawasdi Rd.,T. Parkklongbangplakod , A. Prasamutjedi ,Samutprakarn 10290  
Sampling Source : AGC Vinythai Public Co.,Ltd. Sample No. : W 67100081  
Sample Name : แม่น้ำเจ้าพระยา Sampling Date : 01/10/2024  
Sampling By : ETC Sampling Time : 11:30 AM  
Sampling Method : Grab Received Date : 02/10/2024  
Tested Date : 02/10/2024 – 04/10/2024 Reported Date : 11/10/2024

Parameter	Unit	Method	Result	Standard <sup>1)</sup>
Total Dissolved Solids	mg/L	Dried at 180 degree celsius (SM:2540C)	286	-

Physical Apperance :

1. Sample : yellow, turbid
2. Container : Normal [ PE 1.0 L]

- Remark :
1. <sup>1)</sup> Surface Water Quality Standards Notification of the National Environment Board No. 8 BE. 2537 (1994) , Class 4
  2. Parameter Outside The Scope of The Registration of Department of Industrial Works
  3. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
  4. Sampling By Mr. Parkpoom Buasawad



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด



(Miss Apiradee Chuen-arom)

11/10/2024

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## Test Report

Request No : W6711132

Report No : 6711-0845

Customer : AGC Vinythai Public Co.,Ltd.

Address : 202 Moo 1, Suksawadi Road, T.Pakklongbangplakod, A.Phrasamutchedi, Samutprakan 10290

Sampling Source : AGC Vinythai Public Co.,Ltd.

Sample No : W 67110364

Sample Name : Effluent

Sampling Date : 05/11/2024

Sampling By : ETC

Sampling Time : 10:35 AM

Sampling Method : Grab

Received Date : 06/11/2024

Tested Date : 06/11/2024 - 12/11/2024

Reported Date : 13/11/2024

Parameter	Unit	Method	Result	Standard/ <sup>1</sup>
Chlorine (Residual)	mg/L as Cl <sub>2</sub>	DPD Colorimetric Method (SM:4500 -Cl G)	0.2	≤1

Physical Apperance : 1. Sample : yellowish, turbid

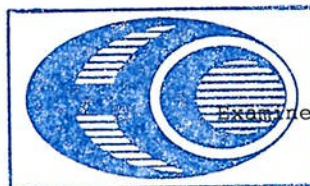
2. Container : Normal [ PE 0.5 L, PE 1.0 L [ 2 Bottle], PE 1.8 L ]

Remark : 1. /1 Industrial Effluent Standard , Notification of the Ministry of Industry , B.E. 2560 (2017)

2. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.

3. Parameter Outside The Scope of The Registration of Department of Industrial Works

4. Sampling By Mr. Songpon Phiwuan



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

13/11/2024

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Request No. : W6711131

Report No. : 6711-0861

## TEST REPORT

Customer : AGC Vinythai Public Co.,Ltd.  
Address : 202 Moo. 1 Suksawasdi Rd., T. Parkklongbangplakod , A. Prasamutjedi , Samutprakarn 10290  
Sampling Source : AGC Vinythai Public Co.,Ltd. Sample No. : W 67110359  
Sample Name : Effluent Sampling Date : 05/11/2024  
Sampling By : ETC Sampling Time : 10:35 AM  
Sampling Method : Grab Received Date : 06/11/2024  
Tested Date : 06/11/2024 – 12/11/2024 Reported Date : 14/11/2024

Parameter	Unit	Method	Result	Standard <sup>1)</sup>
Biochemical Oxygen Demand	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	< 2.0	≤60 <sup>2)</sup>
Chemical Oxygen Demand	mg/L	Closed Reflux, Titrimetric Method (SM:5220C)	< 40	≤120
Oil and Grease	mg/L	Liquid-Liquid, Partition-Gravimetric Method (SM:5520B)	< 3.0	≤5
pH (on site)		Electrometric Method	7.1	5.5-9.0
Temperature	°C	Laboratory and Field Method (SM:2550 B)	32	≤40

Physical Apperance :  
1. Sample : lightly SS  
2. Container : Normal [PE 0.5 L, PE 1.0 L, PE 1.8 L, G 1.0 L]

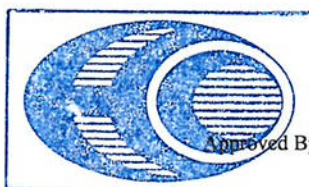
Remark :  
1.<sup>1)</sup> Industrial Effluent Standard , Notification of the Ministry of Industry , B.E. 2560 (2017)  
2.<sup>2)</sup> มาตรฐานตามประกาศกรมโรงงานอุตสาหกรรม เรื่องกำหนดคุณลักษณะน้ำทิ้งที่ระบายออกนอกโรงงานให้มีค่าแตกต่างจากที่กำหนดไว้ในประกาศกระทรวงอุตสาหกรรม ฉบับที่ 2 (พ.ศ.2539) เรื่อง กำหนดคุณลักษณะของน้ำทิ้งที่ระบายออกจากโรงงาน : มาตรฐานสำหรับโรงงานลำดับที่ 42 (1) (การทำเคมีภัณฑ์ สารเคมี หรือวัสดุเคมี)  
3. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.  
4. Sampling By Mr. Songpon Phiwuan (ว-003-ก-0016)  
5.<sup>\*\*\*</sup> ของแข็งละลายน้ำทั้งหมด (Total Dissolved Solids) กรณีระบายลงแหล่งน้ำ ต้องไม่เกิน 3,000 mg/L และกรณีระบายลงแหล่งน้ำที่มีค่าของแข็งละลายน้ำทั้งหมดเกินกว่า 3,000 mg/L ค่าของแข็งละลายน้ำทั้งหมดในน้ำทิ้งที่ระบายได้ต้องมีค่าเกินกว่าค่าของแข็งละลายน้ำทั้งหมดที่มีอยู่ในแหล่งน้ำนั้น ไม่เกิน 5,000 mg/L

Examined By .....

( Miss Apiradee Chuen-arom )

(ว-003-ก-0007)

14/11/2024



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By .....

( Miss Nunnaphat Bakhuntod )

( ว-003-ก-0005 )

14/11/2024

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Request No. : W6711131

Report No. : 6711-0861

## TEST REPORT

Customer : AGC Vinythai Public Co.,Ltd.  
Address : 202 Moo. 1 Suksawasdi Rd.,T. Parkklongbangplakod , A. Prasamutjedi ,Samutprakarn 10290  
Sampling Source : AGC Vinythai Public Co.,Ltd. Sample No. : W 67110359  
Sample Name : Effluent Sampling Date : 05/11/2024  
Sampling By : ETC Sampling Time : 10:35 AM  
Sampling Method : Grab Received Date : 06/11/2024  
Tested Date : 06/11/2024 – 12/11/2024 Reported Date : 14/11/2024

Parameter	Unit	Method	Result	Standard <sup>1)</sup>
Total Dissolved Solids	mg/L	Dried at 180 degree celsius (SM:2540C)	2,228	3,000***
Total Kjeldahl Nitrogen	mg/L as NH <sub>3</sub> -N	Macro Kjeldahl Method (SM:4500-Norg B)	< 5	≤100
Total Suspended Solids	mg/L	Dried at 103-105 degree celsius (SM:2540D)	< 5	≤50

Physical Apperance :

1. Sample : lightly SS
2. Container : Normal [PE 0.5 L, PE 1.0 L, PE 1.8 L, G 1.0 L]

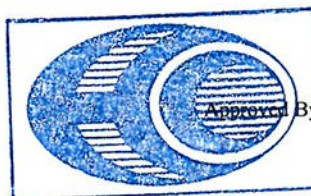
- Remark :
- 1.<sup>1)</sup> Industrial Effluent Standard , Notification of the Ministry of Industry , B.E. 2560 (2017)
  - 2.<sup>2)</sup> มาตรฐานตามประกาศกรมโรงงานอุตสาหกรรม เรื่องกำหนดคุณลักษณะน้ำทิ้งที่ระบายออกนอกโรงงานให้มีค่าแตกต่างจากที่กำหนดไว้ในประกาศกระทรวงอุตสาหกรรม ฉบับที่ 2 (พ.ศ.2539) เรื่อง กำหนดคุณลักษณะของน้ำทิ้งที่ระบายออกจากโรงงาน : มาตรฐานสำหรับโรงงานลำดับที่ 42 (1) (การทำเคมีภัณฑ์ สารเคมี หรือวัสดุเคมี)
  3. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
  4. Sampling By Mr. Songpon Phiwuan (ว-003-ค-0016)
  - 5.<sup>\*\*\*</sup> ของแข็งละลายน้ำทั้งหมด (Total Dissolved Solids) กรณีระบายลงแหล่งน้ำ ต้องไม่เกิน 3,000 mg/L และกรณีระบายลงแหล่งน้ำที่มีค่าของแข็งละลายน้ำทั้งหมดเกินกว่า 3,000 mg/L ค่าของแข็งละลายน้ำทั้งหมดในน้ำทิ้งที่จะระบายได้ต้องมีค่าเกินกว่าค่าของแข็งละลายน้ำทั้งหมดที่มีอยู่ในแหล่งน้ำนั้น ไม่เกิน 5,000 mg/L

Examined By .....

( Miss Apiradee Chuen-arom )

(ว-003-ค-0007)

14/11/2024



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By .....

( Miss Nunnaphat Bakhuntod )

( ว-003-ค-0005 )

14/11/2024

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Request No. : W6711131

Report No. : 6711-0862

## TEST REPORT

Customer : AGC Vinythai Public Co.,Ltd.

Address : 202 Moo. 1 Suksawasdi Rd., T. Parkklongbangplakod , A. Prasamutjedi ,Samutprakarn 10290

Sampling Source : AGC Vinythai Public Co.,Ltd. Sample No. : W 67110360

Sample Name : แม่น้ำเจ้าพระยา Sampling Date : 05/11/2024

Sampling By : ETC Sampling Time : 10:50 AM

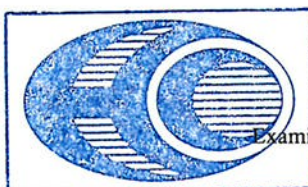
Sampling Method : Grab Received Date : 06/11/2024

Tested Date : 06/11/2024 – 08/11/2024 Reported Date : 14/11/2024

Parameter	Unit	Method	Result	Standard <sup>1</sup>
Total Dissolved Solids	mg/L	Dried at 180 degree celsius (SM:2540C)	216	-

Physical Apperance : 1. Sample : yellow, turbid  
2. Container : Normal [ PE 1.0 L]

Remark : 1.<sup>1</sup> Surface Water Quality Standards Notification of the National Environment Board No. 8 BE. 2537 (1994) , Class 4  
2. Parameter Outside The Scope of The Registration of Department of Industrial Works  
3. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.  
4. Sampling By Mr. Songpon Phiwuan



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....

( Miss Apiradee Chuen-arom )

14/11/2024

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Request No. : W6712275

Report No. : 6712-1382

## TEST REPORT

Customer : AGC Vinythai Public Co.,Ltd.

Address : 202 Moo. 1 Suksawasdi Rd., T. Parkklongbangplakod , A. Prasamutjedi , Samutprakarn 10290

Sampling Source : AGC Vinythai Public Co.,Ltd.

Sample No. : W 67120857

Sample Name : Effluent

Sampling Date : 10/12/2024

Sampling By : ETC

Sampling Time : 10:35 AM

Sampling Method : Grab

Received Date : 11/12/2024

Tested Date : 11/12/2024 – 19/12/2024

Reported Date : 21/12/2024

Parameter	Unit	Method	Result	Standard <sup>1)</sup>
Chlorine (Residual)	mg/L as Cl <sub>2</sub>	DPD Colorimetric Method (SM:4500 -Cl G)	0.1	≤1

Physical Apperance :

1. Sample : lightly SS

2. Container : Normal [PE 0.5 L, PE 1.0 L, PE 1.8 L, G 1.0 L]

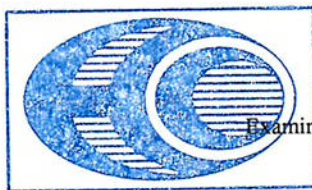
Remark :

1.<sup>1)</sup> Industrial Effluent Standard , Notification of the Ministry of Industry , B.E. 2560 (2017)

2. Parameter Outside The Scope of The Registration of Department of Industrial Works

3. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.

4. Sampling By Mr. Songpon Phiwan



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Examined By .....

( Miss Apiradee Chuen-arom )

21/12/2024

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Request No. : W6712275

Report No. : 6712-1382

## TEST REPORT

Customer : AGC Vinythai Public Co.,Ltd.

Address : 202 Moo. 1 Suksawasdi Rd., T. Parkklongbangplakod , A. Prasamutjedi ,Samutprakarn 10290

Sampling Source : AGC Vinythai Public Co.,Ltd.

Sample No. : W 67120857

Sample Name : Effluent

Sampling Date : 10/12/2024

Sampling By : ETC

Sampling Time : 10:35 AM

Sampling Method : Grab

Received Date : 11/12/2024

Tested Date : 11/12/2024 – 19/12/2024

Reported Date : 21/12/2024

Parameter	Unit	Method	Result	Standard <sup>1)</sup>
Biochemical Oxygen Demand	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	< 2.0	≤60 <sup>2)</sup>
Chemical Oxygen Demand	mg/L	Closed Reflux, Titrimetric Method (SM:5220C)	80	≤120
Color (Original)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM:2120F)	< 20	≤300
Color (pH 7.0)	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM:2120F)	< 20	≤300

Physical Apperance :

1. Sample : lightly SS

2. Container : Normal [PE 0.5 L, PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark :

1.<sup>1)</sup> Industrial Effluent Standard , Notification of the Ministry of Industry , B.E. 2560 (2017)2.<sup>2)</sup> มาตรฐานตามประกาศกรมโรงงานอุตสาหกรรม เรื่องกำหนดคุณลักษณะน้ำทิ้งที่ระบายออกนอกโรงงานให้มีค่าแตกต่างจากที่กำหนดไว้ในประกาศกระทรวงอุตสาหกรรม ฉบับที่ 2 (พ.ศ.2539) เรื่อง กำหนดคุณลักษณะของน้ำทิ้งที่ระบายออกจากโรงงาน : มาตรฐานสำหรับโรงงานลำดับที่ 42 (1) (การทำเคมีภัณฑ์ สารเคมี หรือวัสดุเคมี)

3. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.

4. Sampling By Mr. Songpon Phiwan (ว-003-ค-0016)

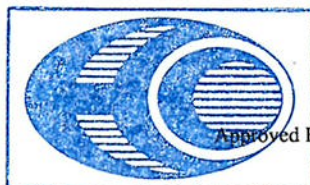
5.<sup>\*\*\*</sup> ของแข็งละลายน้ำทั้งหมด (Total Dissolved Solids) กรณีระบายลงแหล่งน้ำ ต้องไม่เกิน 3,000 mg/L และกรณีระบายลงแหล่งน้ำที่มีค่าของแข็งละลายน้ำทั้งหมดเกินกว่า 3,000 mg/L ค่าของแข็งละลายน้ำทั้งหมดในน้ำทิ้งที่จะระบายได้ต้องมีค่าเกินกว่าค่าของแข็งละลายน้ำทั้งหมดที่มีอยู่ในแหล่งน้ำนั้น ไม่เกิน 5,000 mg/L

Examined By .....

( Miss Apiradee Chuen-arom )

(ว-003-ค-0007)

21/12/2024



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By .....

( Mr. Kawee Suthasub )

( ว-003-ค-0004 )

21/12/2024

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Request No. : W6712275

Report No. : 6712-1382

## TEST REPORT

Customer : AGC Vinythai Public Co.,Ltd.

Address : 202 Moo. 1 Suksawasdi Rd., T. Parkklongbangplakod , A. Prasamutjedi , Samutprakarn 10290

Sampling Source : AGC Vinythai Public Co.,Ltd.

Sample No. : W 67120857

Sample Name : Effluent

Sampling Date : 10/12/2024

Sampling By : ETC

Sampling Time : 10:35 AM

Sampling Method : Grab

Received Date : 11/12/2024

Tested Date : 11/12/2024 – 19/12/2024

Reported Date : 21/12/2024

Parameter	Unit	Method	Result	Standard <sup>1)</sup>
Oil and Grease	mg/L	Liquid-Liquid, Partition-Gravimetric Method (SM:5520B)	< 3.0	≤5
pH (on site)		Electrometric Method	7.1	5.5-9.0
Temperature	°C	Laboratory and Field Method (SM:2550 B)	31	≤40
Total Dissolved Solids	mg/L	Dried at 180 degree celsius (SM:2540C)	7,940	11,980***
Total Kjeldahl Nitrogen	mg/L as NH <sub>3</sub> -N	Macro Kjeldahl Method (SM:4500-Norg B)	< 5	≤100
Total Suspended Solids	mg/L	Dried at 103-105 degree celsius (SM:2540D)	11	≤50

Physical Apperance :

1. Sample : lightly SS

2. Container : Normal [PE 0.5 L, PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark :

1.<sup>1)</sup> Industrial Effluent Standard , Notification of the Ministry of Industry , B.E. 2560 (2017)2.<sup>2)</sup> มาตรฐานตามประกาศกรมโรงงานอุตสาหกรรม เรื่องกำหนดคุณลักษณะน้ำทิ้งที่ระบายออกนอกโรงงานให้มีค่าแตกต่างจากที่กำหนดไว้ในประกาศกระทรวงอุตสาหกรรม ฉบับที่ 2 (พ.ศ.2539) เรื่อง กำหนดคุณลักษณะของน้ำทิ้งที่ระบายออกจากโรงงาน : มาตรฐานสำหรับโรงงานลำดับที่ 42 (1) (การทำเคมีภัณฑ์ สารเคมี หรือวัสดุเคมี)

3. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.

4. Sampling By Mr. Songpon Phiwuan (ว-003-ค-0016)

5.<sup>\*\*\*</sup> ของแข็งละลายน้ำทั้งหมด (Total Dissolved Solids) กรณีระบายลงแหล่งน้ำ ต้องไม่เกิน 3,000 mg/L และกรณีระบายลงแหล่งน้ำที่มีค่าของแข็งละลายน้ำทั้งหมดเกินกว่า 3,000 mg/L ค่าของแข็งละลายน้ำทั้งหมดในน้ำทิ้งที่ระบายได้ต้องมีค่าเกินกว่าค่าของแข็งละลายน้ำทั้งหมดที่มีอยู่ในแหล่งน้ำนั้น ไม่เกิน 5,000 mg/L

Examined By .....

( Miss Apiradee Chuen-arom )

(ว-003-ค-0007)

21/12/2024



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By .....

( Mr. Kawee Suthasub )

( ว-003-ค-0004 )

21/12/2024

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Request No. : W6712275

Report No. : 6712-1383

## TEST REPORT

Customer : AGC Vinythai Public Co.,Ltd.

Address : 202 Moo. 1 Suksawasdi Rd., T. Parkklongbangplakod , A. Prasamutjedi ,Samutprakarn 10290

Sampling Source : AGC Vinythai Public Co.,Ltd.

Sample No. : W 67120858

Sample Name : เมื่อน้ำเจ้าพระยา

Sampling Date : 10/12/2024

Sampling By : ETC

Sampling Time : 10:40 AM

Sampling Method : Grab

Received Date : 11/12/2024

Tested Date : 11/12/2024 – 13/12/2024

Reported Date : 21/12/2024

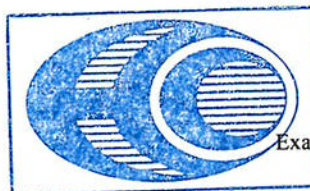
Parameter	Unit	Method	Result	Standard <sup>1/</sup>
Total Dissolved Solids	mg/L	Dried at 180 degree celsius (SM:2540C)	6,980	-

Physical Apperance :

1. Sample : yellow, turbid

2. Container : Normal [ PE 1.0 L]

- Remark :
- <sup>1/</sup> Surface Water Quality Standards Notification of the National Environment Board No. 8 BE. 2537 (1994) , Class 4
  - Parameter Outside The Scope of The Registration of Department of Industrial Works
  - SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
  - Sampling By Mr. Songpon Phiwuan



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By .....



( Miss Apiradee Chuen-arom )

21/12/2024

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ผลการทดสอบคุณภาพน้ำในแม่น้ำเจ้าพระยา



## Test Report

Request No : W6709056

Report No : 6709-0475

Customer : AGC Vinythai Public Co.,Ltd.

Address : 202 Moo 1, Suksawadi Road, T.Pakklongbangplakod, A.Phrasamutchedi, Samutprakan 10290

Sampling Source : AGC Vinythai Public Co.,Ltd.

Sample No : W 67090202

Sample Name : แม่น้ำเจ้าพระยา (100 m. Up Steam)

Sampling Date : 03/09/2024

Sampling By : ETC

Sampling Time : 11:47 AM

Sampling Method : Grab

Received Date : 04/09/2024

Tested Date : 04/09/2024 - 07/09/2024

Reported Date : 11/09/2024

Parameter	Unit	Method	Result	Standard/ <sup>1</sup>
pH (on site)		Electrometric Method	7.2	5.0-9.0
Temperature	°C	Laboratory and Field Method (SM:2550 B)	30	๓**
Total Dissolved Solids	mg/L	Dried at 180 degree celsius (SM:2540C)	201	-
Total Suspended Solids	mg/L	Dried at 103-105 degree celsius (SM:2540D)	135	-

Physical Apperance : 1. Sample : yellow, turbid

2. Container : Normal [ PE 1.8 L]

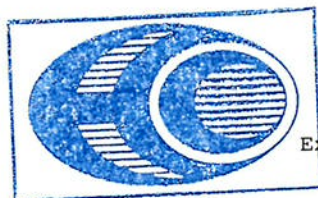
Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 BE. 2537 (1994) , Class 4

2. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.

3. Parameter Outside The Scope of The Registration of Department of Industrial Works

4. ๓\*\* = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส

5. Sampling By Miss Pornpinan Viriyakusolkul



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

11/09/2024

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## Test Report

Request No : W6709056

Report No : 6709-0476

Customer : AGC Vinythai Public Co.,Ltd.

Address : 202 Moo 1, Suksawadi Road, T.Pakklongbangplakod, A.Phrasamutchedi, Samutprakan 10290

Sampling Source : AGC Vinythai Public Co.,Ltd.

Sample No : W 67090203

Sample Name : แม่น้ำเจ้าพระยา (100 m. Down Stream)

Sampling Date : 03/09/2024

Sampling By : ETC

Sampling Time : 11:50 AM

Sampling Method : Grab

Received Date : 04/09/2024

Tested Date : 04/09/2024 - 07/09/2024

Reported Date : 11/09/2024

Parameter	Unit	Method	Result	Standard <sup>1</sup>
pH (on site)		Electrometric Method	7.2	5.0-9.0
Temperature	°C	Laboratory and Field Method (SM:2550 B)	30	๗**
Total Dissolved Solids	mg/L	Dried at 180 degree celsius (SM:2540C)	198	-
Total Suspended Solids	mg/L	Dried at 103-105 degree celsius (SM:2540D)	130	-

Physical Apperance : 1. Sample : yellow, turbid

2. Container : Normal [ PE 1.8 L]

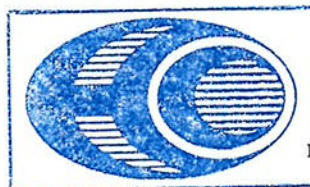
Remark : 1. /1 Surface Water Quality Standards Notification of the National Environment Board No. 8 BE. 2537 (1994) , Class 4

2. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.

3. Parameter Outside The Scope of The Registration of Department of Industrial Works

4. \*\* = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิตามธรรมชาติ เกิน 3 องศาเซลเซียส

5. Sampling By Miss Pornpinan Viriyakusolkul



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

11/09/2024

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ผลการตรวจวัดระดับเสียงโดยทั่วไป

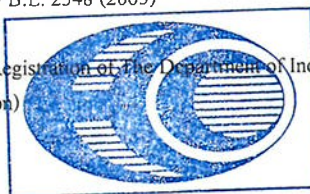
Request No. LA67-R1116

Report No. R6711-0321

## TEST REPORT

CUSTOMER : AGC Vinythai Public Company Limited  
 ADDRESS : 202 Moo 1, Suksawasdi Rd., T. Parkklongbangplakod, A. Prasamutjedi, Samutprakarn 10290  
 SAMPLE SOURCE : Phra Pradaeng Factory 1  
 SAMPLE POINT : บริเวณขอบเขตรั้วด้านทิศเหนือ  
 PARAMETER\* :  $L_{eq}$  1 hr.,  $L_{eq}$  24 hr.,  $L_{90}$  &  $L_{dn}$  SAMPLE NO. : 40911  
 DETERMINATION METHOD : ISO 1996-1:2016 MEASURING DATE : 19-20/10/2024  
 INSTRUMENT : Integrated Sound Level Meter RECEIVED DATE : 26/10/2024  
 S/N 00222592 : Class 2 REPORTED DATE : 12/11/2024

TIME \ DATE	19-20/10/2024 ( $L_{eq}$ )	19-20/10/2024 ( $L_{90}$ )	UNIT
10:00 - 11:00 <sup>/3</sup>	61.7	59.7	dB(A)
11:00 - 12:00	59.5	58.3	dB(A)
12:00 - 13:00	57.6	57.0	dB(A)
13:00 - 14:00	57.6	57.0	dB(A)
14:00 - 15:00	57.4	56.8	dB(A)
15:00 - 16:00	57.2	56.7	dB(A)
16:00 - 17:00	57.1	56.6	dB(A)
17:00 - 18:00	56.7	56.3	dB(A)
18:00 - 19:00	57.0	56.6	dB(A)
19:00 - 20:00	57.0	56.5	dB(A)
20:00 - 21:00	58.0	57.0	dB(A)
21:00 - 22:00	57.8	57.1	dB(A)
22:00 - 23:00	58.2	57.2	dB(A)
23:00 - 00:00	57.0	56.4	dB(A)
00:00 - 01:00	56.8	56.2	dB(A)
01:00 - 02:00	56.6	56.0	dB(A)
02:00 - 03:00	56.4	55.9	dB(A)
03:00 - 04:00	56.4	55.8	dB(A)
04:00 - 05:00	56.9	56.0	dB(A)
05:00 - 06:00	56.8	56.0	dB(A)
06:00 - 07:00	56.9	56.3	dB(A)
07:00 - 08:00	60.2	56.4	dB(A)
08:00 - 09:00	57.6	56.4	dB(A)
09:00 - 10:00	57.2	56.6	dB(A)
$L_{eq}$ 24 hr.	57.8	-	dB(A)
$L_{dn}$	63.5	-	dB(A)
Standard	70 <sup>/1</sup> , 70 <sup>/2</sup>	-	dB(A)

REMARK : <sup>/1</sup> Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)<sup>/2</sup> Notification of Ministry of the Industry B.E. 2548 (2005)<sup>/3</sup> Start Time\* Parameter Outside The Scope of The Registration of The Department of Industrial Works  
(Measurement By Mr. Kamkit Kantason)

บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By 

(MS. THONGCHAI BOONSAK)

12/11/2024

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Request No. LA67-R1116

Report No. R6711-0322

## TEST REPORT

CUSTOMER : AGC Vinythai Public Company Limited  
ADDRESS : 202 Moo 1, Suksawasdi Rd., T. Parkklongbangplakod, A. Prasamutjedi, Samutprakarn 10290  
SAMPLE SOURCE : Phra Pradaeng Factory 1  
SAMPLE POINT : บริเวณขอบเขตรั้วด้านทิศเหนือ  
PARAMETER\* :  $L_{eq}$  1 hr.,  $L_{eq}$  24 hr.,  $L_{90}$  &  $L_{dn}$  SAMPLE NO. : 40912  
DETERMINATION METHOD : ISO 1996-1:2016 MEASURING DATE : 20-21/10/2024  
INSTRUMENT : Integrated Sound Level Meter RECEIVED DATE : 26/10/2024  
S/N 00222592 : Class 2 REPORTED DATE : 12/11/2024

TIME \ DATE	20-21/10/2024 ( $L_{eq}$ )	20-21/10/2024 ( $L_{90}$ )	UNIT
10:00 - 11:00 <sup>/3</sup>	57.2	56.7	dB(A)
11:00 - 12:00	57.2	56.7	dB(A)
12:00 - 13:00	57.0	56.6	dB(A)
13:00 - 14:00	57.1	56.6	dB(A)
14:00 - 15:00	57.6	57.0	dB(A)
15:00 - 16:00	57.7	56.9	dB(A)
16:00 - 17:00	57.2	56.7	dB(A)
17:00 - 18:00	57.7	57.0	dB(A)
18:00 - 19:00	57.3	56.4	dB(A)
19:00 - 20:00	57.7	57.1	dB(A)
20:00 - 21:00	56.6	56.2	dB(A)
21:00 - 22:00	59.4	58.7	dB(A)
22:00 - 23:00	60.5	59.5	dB(A)
23:00 - 00:00	59.9	59.1	dB(A)
00:00 - 01:00	61.4	60.4	dB(A)
01:00 - 02:00	60.0	58.9	dB(A)
02:00 - 03:00	59.2	58.4	dB(A)
03:00 - 04:00	60.0	59.0	dB(A)
04:00 - 05:00	62.5	59.3	dB(A)
05:00 - 06:00	59.3	58.4	dB(A)
06:00 - 07:00	60.4	59.5	dB(A)
07:00 - 08:00	60.0	59.1	dB(A)
08:00 - 09:00	59.5	58.7	dB(A)
09:00 - 10:00	59.8	59.0	dB(A)
$L_{eq}$ 24 hr.	59.1	-	dB(A)
$L_{dn}$	66.6	-	dB(A)
Standard	70 <sup>/1</sup> , 70 <sup>/2</sup>	-	dB(A)

REMARK : <sup>/1</sup> Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)<sup>/2</sup> Notification of Ministry of the Industry B.E. 2548 (2005)<sup>/3</sup> Start Time\* Parameter Outside The Scope of The Registration of The Department of Industrial Works  
(Measurement By Mr. Kamkit Kantason)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By Thongchai Boonsak

(MS. THONGCHAI BOONSAK)

12/11/2024

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Request No. LA67-R1116

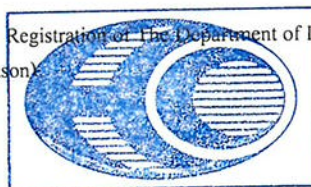
Report No. R6711-0323

## TEST REPORT

CUSTOMER : AGC Vinythai Public Company Limited  
 ADDRESS : 202 Moo 1, Suksawasdi Rd., T. Parkklongbangplakod, A. Prasamutjedi, Samutprakarn 10290  
 SAMPLE SOURCE : Phra Pradaeng Factory 1  
 SAMPLE POINT : บริเวณขอบเขตรั้วด้านทิศเหนือ  
 PARAMETER\* :  $L_{eq}$  1 hr.,  $L_{eq}$  24 hr.,  $L_{90}$  &  $L_{dn}$   
 DETERMINATION METHOD : ISO 1996-1:2016  
 INSTRUMENT : Integrated Sound Level Meter  
 S/N 00222592 : Class 2

SAMPLE NO. : 40913  
 MEASURING DATE : 21-22/10/2024  
 RECEIVED DATE : 26/10/2024  
 REPORTED DATE : 12/11/2024

TIME \ DATE	21-22/10/2024 ( $L_{eq}$ )	21-22/10/2024 ( $L_{90}$ )	UNIT
10:00 - 11:00 <sup>1/3</sup>	60.4	59.8	dB(A)
11:00 - 12:00	59.5	58.9	dB(A)
12:00 - 13:00	60.4	59.7	dB(A)
13:00 - 14:00	60.1	59.5	dB(A)
14:00 - 15:00	58.4	57.7	dB(A)
15:00 - 16:00	58.7	58.0	dB(A)
16:00 - 17:00	58.6	58.0	dB(A)
17:00 - 18:00	58.7	58.1	dB(A)
18:00 - 19:00	58.5	57.8	dB(A)
19:00 - 20:00	58.6	57.8	dB(A)
20:00 - 21:00	59.0	57.8	dB(A)
21:00 - 22:00	60.0	59.2	dB(A)
22:00 - 23:00	60.6	59.7	dB(A)
23:00 - 00:00	60.6	59.3	dB(A)
00:00 - 01:00	60.9	59.7	dB(A)
01:00 - 02:00	70.3	59.5	dB(A)
02:00 - 03:00	59.3	58.5	dB(A)
03:00 - 04:00	68.6	60.5	dB(A)
04:00 - 05:00	66.9	60.4	dB(A)
05:00 - 06:00	63.5	59.7	dB(A)
06:00 - 07:00	63.8	60.0	dB(A)
07:00 - 08:00	60.0	59.2	dB(A)
08:00 - 09:00	59.5	58.8	dB(A)
09:00 - 10:00	60.2	59.5	dB(A)
$L_{eq}$ 24 hr.	62.7	-	dB(A)
$L_{dn}$	71.4	-	dB(A)
Standard	70 <sup>1/1</sup> , 70 <sup>1/2</sup>	-	dB(A)

REMARK : <sup>1/1</sup> Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)<sup>1/2</sup> Notification of Ministry of the Industry B.E. 2548 (2005)<sup>1/3</sup> Start Time\* Parameter Outside The Scope of The Registration of The Department of Industrial Works  
(Measurement By Mr. Kamkit Kantason)
 Approved By:   
 (MS. THONGCHAI BOONSAK)

12/11/2024

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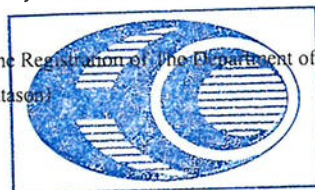
Report No. R6711-0324

## TEST REPORT

CUSTOMER : AGC Vinythai Public Company Limited  
ADDRESS : 202 Moo 1, Suksawasdi Rd., T. Parkklongbangplakod, A. Prasamutjedi, Samutprakarn 10290  
SAMPLE SOURCE : Phra Pradaeng Factory 1  
SAMPLE POINT : บริเวณขอบเขตรั้วด้านทิศเหนือ  
PARAMETER\* :  $L_{eq}$  1 hr.,  $L_{eq}$  24 hr.,  $L_{90}$  &  $L_{dn}$  SAMPLE NO. : 40914  
DETERMINATION METHOD : ISO 1996-1:2016 MEASURING DATE : 22-23/10/2024  
INSTRUMENT : Integrated Sound Level Meter RECEIVED DATE : 26/10/2024  
S/N 00222592 : Class 2 REPORTED DATE : 12/11/2024

TIME \ DATE	22-23/10/2024 ( $L_{eq}$ )	22-23/10/2024 ( $L_{90}$ )	UNIT
10:00 - 11:00 <sup>1/3</sup>	59.9	59.2	dB(A)
11:00 - 12:00	59.6	58.9	dB(A)
12:00 - 13:00	59.8	58.9	dB(A)
13:00 - 14:00	60.2	59.3	dB(A)
14:00 - 15:00	57.9	57.2	dB(A)
15:00 - 16:00	58.0	57.2	dB(A)
16:00 - 17:00	57.9	57.2	dB(A)
17:00 - 18:00	57.4	56.6	dB(A)
18:00 - 19:00	63.1	61.0	dB(A)
19:00 - 20:00	57.8	57.3	dB(A)
20:00 - 21:00	57.3	56.8	dB(A)
21:00 - 22:00	60.1	58.5	dB(A)
22:00 - 23:00	59.7	59.0	dB(A)
23:00 - 00:00	59.5	59.0	dB(A)
00:00 - 01:00	59.5	58.8	dB(A)
01:00 - 02:00	59.5	58.9	dB(A)
02:00 - 03:00	59.3	58.8	dB(A)
03:00 - 04:00	59.4	58.7	dB(A)
04:00 - 05:00	59.4	58.8	dB(A)
05:00 - 06:00	59.5	58.8	dB(A)
06:00 - 07:00	60.6	59.3	dB(A)
07:00 - 08:00	60.3	59.6	dB(A)
08:00 - 09:00	59.8	59.1	dB(A)
09:00 - 10:00	60.1	59.4	dB(A)
$L_{eq}$ 24 hr.	59.6	-	dB(A)
$L_{dn}$	66.0	-	dB(A)
Standard	$70^{1/1}, 70^{1/2}$	-	dB(A)

**REMARK :** <sup>1/1</sup> Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)  
<sup>1/2</sup> Notification of Ministry of the Industry B.E. 2548 (2005)  
<sup>1/3</sup> Start Time  
\* Parameter Outside The Scope of The Registration of The Department of Industrial Works  
(Measurement By Mr. Kamkit Kantasoo)



บริษัท อีสเทิร์น ไทย คอนซัลติ้ง 1992 จำกัด

Approved By 

(MS. THONGCHAI BOONSAK)

12/11/2024

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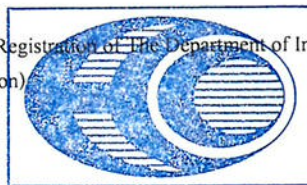
Request No. LA67-R1116

Report No. R6711-0325

## TEST REPORT

CUSTOMER : AGC Vinythai Public Company Limited  
 ADDRESS : 202 Moo 1, Suksawasdi Rd., T. Parkklongbangplakod, A. Prasamutjedi, Samutprakarn 10290  
 SAMPLE SOURCE : Phra Pradaeng Factory I  
 SAMPLE POINT : บริเวณขอบเขตรั้วด้านทิศเหนือ  
 PARAMETER\* :  $L_{eq}$  1 hr.,  $L_{eq}$  24 hr.,  $L_{90}$  &  $L_{dn}$  SAMPLE NO. : 40915  
 DETERMINATION METHOD : ISO 1996-1:2016 MEASURING DATE : 23-24/10/2024  
 INSTRUMENT : Integrated Sound Level Meter RECEIVED DATE : 26/10/2024  
 S/N 00222592 : Class 2 REPORTED DATE : 12/11/2024

TIME \ DATE	23-24/10/2024 ( $L_{eq}$ )	23-24/10/2024 ( $L_{90}$ )	UNIT
10:00 - 11:00 <sup>1/3</sup>	60.2	59.4	dB(A)
11:00 - 12:00	60.0	59.4	dB(A)
12:00 - 13:00	59.8	59.2	dB(A)
13:00 - 14:00	59.7	59.2	dB(A)
14:00 - 15:00	58.9	58.2	dB(A)
15:00 - 16:00	58.7	58.0	dB(A)
16:00 - 17:00	58.7	57.8	dB(A)
17:00 - 18:00	58.9	58.1	dB(A)
18:00 - 19:00	58.9	58.1	dB(A)
19:00 - 20:00	58.8	58.0	dB(A)
20:00 - 21:00	58.9	58.1	dB(A)
21:00 - 22:00	60.1	59.4	dB(A)
22:00 - 23:00	59.9	59.2	dB(A)
23:00 - 00:00	59.5	58.7	dB(A)
00:00 - 01:00	59.5	58.8	dB(A)
01:00 - 02:00	58.7	58.0	dB(A)
02:00 - 03:00	58.7	58.0	dB(A)
03:00 - 04:00	59.7	58.5	dB(A)
04:00 - 05:00	60.6	58.7	dB(A)
05:00 - 06:00	71.1	62.4	dB(A)
06:00 - 07:00	59.0	58.1	dB(A)
07:00 - 08:00	60.4	59.2	dB(A)
08:00 - 09:00	58.8	58.2	dB(A)
09:00 - 10:00	58.9	58.2	dB(A)
$L_{eq}$ 24 hr.	61.4	-	dB(A)
$L_{dn}$	69.5	-	dB(A)
Standard	70 <sup>1/1</sup> , 70 <sup>2/2</sup>	-	dB(A)

REMARK : <sup>1/1</sup> Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)<sup>1/2</sup> Notification of Ministry of the Industry B.E. 2548 (2005)<sup>1/3</sup> Start Time\* Parameter Outside The Scope of The Registration of The Department of Industrial Works  
(Measurement By Mr. Kamkit Kantason)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By


  
(MS. THONGCHAI BOONSAK)

12/11/2024

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Request No. LA67-R1116

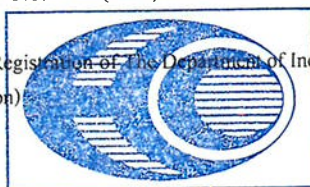
Report No. R6711-0326

## TEST REPORT

CUSTOMER : AGC Vinythai Public Company Limited  
 ADDRESS : 202 Moo 1, Suksawasdi Rd., T. Parkklongbangplakod, A. Prasamutjedi, Samutprakarn 10290  
 SAMPLE SOURCE : Phra Pradaeng Factory 1  
 SAMPLE POINT : บริเวณขอบเขตรั้วด้านทิศเหนือ  
 PARAMETER\* :  $L_{eq}$  1 hr.,  $L_{eq}$  24 hr.,  $L_{90}$  &  $L_{dn}$   
 DETERMINATION METHOD : ISO 1996-1:2016  
 INSTRUMENT : Integrated Sound Level Meter  
 S/N 00222592 : Class 2

SAMPLE NO. : 40916  
 MEASURING DATE : 24-25/10/2024  
 RECEIVED DATE : 26/10/2024  
 REPORTED DATE : 12/11/2024

TIME \ DATE	24-25/10/2024 ( $L_{eq}$ )	24-25/10/2024 ( $L_{90}$ )	UNIT
10:00 - 11:00 <sup>3</sup>	59.1	58.5	dB(A)
11:00 - 12:00	58.7	58.1	dB(A)
12:00 - 13:00	59.4	58.5	dB(A)
13:00 - 14:00	59.5	58.8	dB(A)
14:00 - 15:00	58.6	57.8	dB(A)
15:00 - 16:00	58.6	57.8	dB(A)
16:00 - 17:00	58.6	57.6	dB(A)
17:00 - 18:00	58.4	57.4	dB(A)
18:00 - 19:00	58.6	57.6	dB(A)
19:00 - 20:00	58.6	57.6	dB(A)
20:00 - 21:00	58.8	57.7	dB(A)
21:00 - 22:00	58.5	57.6	dB(A)
22:00 - 23:00	58.9	57.8	dB(A)
23:00 - 00:00	58.9	57.6	dB(A)
00:00 - 01:00	61.1	58.8	dB(A)
01:00 - 02:00	58.6	57.6	dB(A)
02:00 - 03:00	58.2	57.1	dB(A)
03:00 - 04:00	59.8	57.7	dB(A)
04:00 - 05:00	59.7	57.8	dB(A)
05:00 - 06:00	59.9	58.1	dB(A)
06:00 - 07:00	59.9	58.1	dB(A)
07:00 - 08:00	58.2	56.8	dB(A)
08:00 - 09:00	57.8	56.6	dB(A)
09:00 - 10:00	57.5	56.8	dB(A)
$L_{eq}$ 24 hr.	59.0	-	dB(A)
$L_{dn}$	65.8	-	dB(A)
Standard	$70^{1/1}, 70^{1/2}$	-	dB(A)

REMARK : <sup>1/</sup> Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)<sup>2/</sup> Notification of Ministry of the Industry B.E. 2548 (2005)<sup>3/</sup> Start Time\* Parameter Outside The Scope of The Registration of The Department of Industrial Works  
(Measurement By Mr. Kamkit Kantason)

บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By.....

Thongchai Boonsak

(MS. THONGCHAI BOONSAK)

12/11/2024

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Request No. LA67-R1116

Report No. R6711-0327

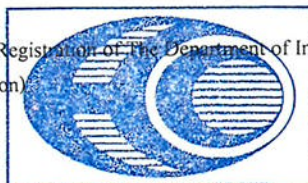
## TEST REPORT

CUSTOMER : AGC Vinythai Public Company Limited  
 ADDRESS : 202 Moo 1, Suksawasdi Rd., T. Parkklongbangplakod, A. Prasamutjedi, Samutprakarn 10290  
 SAMPLE SOURCE : Phra Pradaeng Factory 1  
 SAMPLE POINT : บริเวณขอบเขตรั้วด้านทิศเหนือ  
 PARAMETER\* :  $L_{eq}$  1 hr.,  $L_{eq}$  24 hr.,  $L_{90}$  &  $L_{dn}$  SAMPLE NO. : 40917  
 DETERMINATION METHOD : ISO 1996-1:2016 MEASURING DATE : 25-26/10/2024  
 INSTRUMENT : Integrated Sound Level Meter RECEIVED DATE : 26/10/2024  
 S/N 00222592 : Class 2 REPORTED DATE : 12/11/2024

TIME \ DATE	25-26/10/2024 ( $L_{eq}$ )	25-26/10/2024 ( $L_{90}$ )	UNIT
10:00 - 11:00 <sup>13</sup>	57.4	57.0	dB(A)
11:00 - 12:00	57.3	56.9	dB(A)
12:00 - 13:00	57.6	57.0	dB(A)
13:00 - 14:00	58.3	58.1	dB(A)
14:00 - 15:00	57.8	57.5	dB(A)
15:00 - 16:00	57.7	57.3	dB(A)
16:00 - 17:00	57.4	56.9	dB(A)
17:00 - 18:00	57.8	57.0	dB(A)
18:00 - 19:00	57.5	57.0	dB(A)
19:00 - 20:00	57.4	56.9	dB(A)
20:00 - 21:00	57.6	57.0	dB(A)
21:00 - 22:00	57.6	56.9	dB(A)
22:00 - 23:00	57.9	56.9	dB(A)
23:00 - 00:00	58.0	56.8	dB(A)
00:00 - 01:00	57.9	56.9	dB(A)
01:00 - 02:00	59.2	57.7	dB(A)
02:00 - 03:00	58.2	57.4	dB(A)
03:00 - 04:00	58.4	57.7	dB(A)
04:00 - 05:00	60.1	57.7	dB(A)
05:00 - 06:00	58.9	57.7	dB(A)
06:00 - 07:00	57.8	57.3	dB(A)
07:00 - 08:00	58.3	57.6	dB(A)
08:00 - 09:00	58.4	57.8	dB(A)
09:00 - 10:00	58.3	57.9	dB(A)
$L_{eq}$ 24 hr.	58.1	-	dB(A)
$L_{dn}$	64.9	-	dB(A)
Standard	70 <sup>11</sup> , 70 <sup>12</sup>	-	dB(A)

REMARK : <sup>11</sup> Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)<sup>12</sup> Notification of Ministry of the Industry B.E. 2548 (2005)<sup>13</sup> Start Time

\* Parameter Outside The Scope of The Registration of The Department of Industrial Works  
 (Measurement By Mr. Kamkit Kantason)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By *Thongchai Boonsak*  
 (MS. THONGCHAI BOONSAK)

12/11/2024

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Request No. LA67-R1116

Report No. R6711-0314

## TEST REPORT

CUSTOMER : AGC Vinythai Public Company Limited  
 ADDRESS : 202 Moo 1, Suksawasdi Rd., T. Parkklongbangplakod, A. Prasamutjedi, Samutprakarn 10290  
 SAMPLE SOURCE : Phra Pradaeng Factory 1  
 SAMPLE POINT : บริเวณขอบเขตรั้วด้านทิศใต้  
 PARAMETER\* :  $L_{eq}$  1 hr.,  $L_{eq}$  24 hr.,  $L_{90}$  &  $L_{dn}$   
 DETERMINATION METHOD : ISO 1996-1:2016  
 INSTRUMENT : Integrated Sound Level Meter  
 S/N 00322755 : Class 2

SAMPLE NO. : 40904  
 MEASURING DATE : 19-20/10/2024  
 RECEIVED DATE : 26/10/2024  
 REPORTED DATE : 12/11/2024

TIME \ DATE	19-20/10/2024 ( $L_{eq}$ )	19-20/10/2024 ( $L_{90}$ )	UNIT
10:00 - 11:00 <sup>1/3</sup>	61.2	58.5	dB(A)
11:00 - 12:00	60.0	56.9	dB(A)
12:00 - 13:00	56.8	54.9	dB(A)
13:00 - 14:00	59.8	57.6	dB(A)
14:00 - 15:00	64.2	62.2	dB(A)
15:00 - 16:00	66.2	63.0	dB(A)
16:00 - 17:00	60.8	59.0	dB(A)
17:00 - 18:00	62.4	60.4	dB(A)
18:00 - 19:00	64.4	63.1	dB(A)
19:00 - 20:00	61.1	59.7	dB(A)
20:00 - 21:00	58.4	57.1	dB(A)
21:00 - 22:00	58.9	55.7	dB(A)
22:00 - 23:00	56.3	55.6	dB(A)
23:00 - 00:00	58.6	55.9	dB(A)
00:00 - 01:00	56.3	55.3	dB(A)
01:00 - 02:00	55.2	54.8	dB(A)
02:00 - 03:00	55.5	55.1	dB(A)
03:00 - 04:00	55.6	55.2	dB(A)
04:00 - 05:00	56.1	55.3	dB(A)
05:00 - 06:00	57.4	55.7	dB(A)
06:00 - 07:00	56.6	55.7	dB(A)
07:00 - 08:00	60.2	57.9	dB(A)
08:00 - 09:00	62.4	60.2	dB(A)
09:00 - 10:00	61.2	58.8	dB(A)
$L_{eq}$ 24 hr.	60.5	-	dB(A)
$L_{dn}$	64.2	-	dB(A)
Standard	70 <sup>1/1</sup> , 70 <sup>2/2</sup>	-	dB(A)

**REMARK :** <sup>1/1</sup> Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)  
<sup>2/2</sup> Notification of Ministry of the Industry B.E. 2548 (2005)  
<sup>3/3</sup> Start Time  
 \* Parameter Outside The Scope of The Registration of The Department of Industrial Works  
 (Measurement By Mr. Kamkit Kantason)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

 Approved By Thongchai Boonsak  
 (MS. THONGCHAI BOONSAK)

12/11/2024

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Request No. LA67-R1116

Report No. R6711-0315

## TEST REPORT

CUSTOMER : AGC Vinythai Public Company Limited  
 ADDRESS : 202 Moo 1, Suksawasdi Rd., T. Parkklongbangplakod, A. Prasamutjedi, Samutprakarn 10290  
 SAMPLE SOURCE : Phra Pradaeng Factory 1  
 SAMPLE POINT : บริเวณขอบเขตรั้วด้านทิศใต้  
 PARAMETER\* :  $L_{eq}$  1 hr.,  $L_{eq}$  24 hr.,  $L_{90}$  &  $L_{dn}$   
 DETERMINATION METHOD : ISO 1996-1:2016  
 INSTRUMENT : Integrated Sound Level Meter  
 S/N 00322755 : Class 2

SAMPLE NO. : 40905  
 MEASURING DATE : 20-21/10/2024  
 RECEIVED DATE : 26/10/2024  
 REPORTED DATE : 12/11/2024

TIME \ DATE	20-21/10/2024 ( $L_{eq}$ )	20-21/10/2024 ( $L_{90}$ )	UNIT
10:00 - 11:00 <sup>/3</sup>	60.4	59.1	dB(A)
11:00 - 12:00	59.6	58.6	dB(A)
12:00 - 13:00	62.3	60.2	dB(A)
13:00 - 14:00	63.2	60.4	dB(A)
14:00 - 15:00	61.9	59.6	dB(A)
15:00 - 16:00	59.6	58.9	dB(A)
16:00 - 17:00	60.1	59.3	dB(A)
17:00 - 18:00	60.3	59.5	dB(A)
18:00 - 19:00	60.9	59.7	dB(A)
19:00 - 20:00	67.0	60.8	dB(A)
20:00 - 21:00	62.4	60.3	dB(A)
21:00 - 22:00	57.5	56.9	dB(A)
22:00 - 23:00	56.2	55.7	dB(A)
23:00 - 00:00	56.3	55.7	dB(A)
00:00 - 01:00	56.2	55.6	dB(A)
01:00 - 02:00	56.2	55.8	dB(A)
02:00 - 03:00	55.8	55.5	dB(A)
03:00 - 04:00	56.3	55.8	dB(A)
04:00 - 05:00	57.7	56.2	dB(A)
05:00 - 06:00	56.8	56.0	dB(A)
06:00 - 07:00	57.5	56.2	dB(A)
07:00 - 08:00	58.1	56.0	dB(A)
08:00 - 09:00	56.2	55.6	dB(A)
09:00 - 10:00	55.6	55.1	dB(A)
$L_{eq}$ 24 hr.	60.1	-	dB(A)
$L_{dn}$	64.1	-	dB(A)
Standard	$70^{/1}, 70^{/2}$	-	dB(A)

REMARK : <sup>/1</sup> Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)<sup>/2</sup> Notification of Ministry of the Industry B.E. 2548 (2005)<sup>/3</sup> Start Time\* Parameter Outside The Scope of The Registration of The Department of Industrial Works  
(Measurement By Mr. Kamkit Kantasom)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By... *Thongchai Boonsak*

(MS. THONGCHAI BOONSAK)

12/11/2024

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Request No. LA67-R1116

Report No. R6711-0316

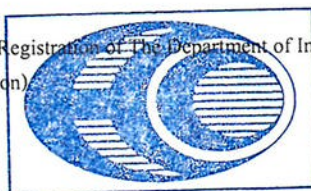
## TEST REPORT

CUSTOMER : AGC Vinythai Public Company Limited  
 ADDRESS : 202 Moo 1, Suksawasdi Rd., T. Parkklongbangplakod, A. Prasamutjedi, Samutprakarn 10290  
 SAMPLE SOURCE : Phra Pradaeng Factory 1  
 SAMPLE POINT : บริเวณขอบเขตรั้วด้านทิศใต้  
 PARAMETER\* :  $L_{eq}$  1 hr.,  $L_{eq}$  24 hr.,  $L_{90}$  &  $L_{dn}$   
 DETERMINATION METHOD : ISO 1996-1:2016  
 INSTRUMENT : Integrated Sound Level Meter  
 S/N 00322755 : Class 2

SAMPLE NO. : 40906  
 MEASURING DATE : 21-22/10/2024  
 RECEIVED DATE : 26/10/2024  
 REPORTED DATE : 12/11/2024

TIME \ DATE	21-22/10/2024 ( $L_{eq}$ )	21-22/10/2024 ( $L_{90}$ )	UNIT
10:00 - 11:00 <sup>1)</sup>	55.4	54.8	dB(A)
11:00 - 12:00	55.3	54.6	dB(A)
12:00 - 13:00	55.2	54.5	dB(A)
13:00 - 14:00	55.6	54.8	dB(A)
14:00 - 15:00	56.0	55.0	dB(A)
15:00 - 16:00	56.1	55.2	dB(A)
16:00 - 17:00	55.7	55.1	dB(A)
17:00 - 18:00	55.6	55.0	dB(A)
18:00 - 19:00	55.8	55.1	dB(A)
19:00 - 20:00	56.0	55.3	dB(A)
20:00 - 21:00	55.6	55.0	dB(A)
21:00 - 22:00	55.2	54.8	dB(A)
22:00 - 23:00	55.4	55.0	dB(A)
23:00 - 00:00	56.3	55.4	dB(A)
00:00 - 01:00	57.5	55.9	dB(A)
01:00 - 02:00	57.4	56.3	dB(A)
02:00 - 03:00	61.1	58.8	dB(A)
03:00 - 04:00	60.7	59.1	dB(A)
04:00 - 05:00	57.6	56.6	dB(A)
05:00 - 06:00	55.9	55.2	dB(A)
06:00 - 07:00	56.8	55.1	dB(A)
07:00 - 08:00	60.8	56.5	dB(A)
08:00 - 09:00	60.0	56.8	dB(A)
09:00 - 10:00	64.0	57.9	dB(A)
$L_{eq}$ 24 hr.	57.9	-	dB(A)
$L_{dn}$	64.5	-	dB(A)
Standard	70 <sup>1)</sup> , 70 <sup>2)</sup>	-	dB(A)

REMARK : <sup>1)</sup> Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)  
<sup>2)</sup> Notification of Ministry of the Industry B.E. 2548 (2005)  
<sup>3)</sup> Start Time  
 \* Parameter Outside The Scope of The Registration of The Department of Industrial Works  
 (Measurement By Mr. Kamkit Kantason)



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By *Thongchai Boonsak*  
 (MS. THONGCHAI BOONSAK)

12/11/2024

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Request No. LA67-R1116

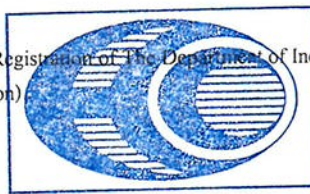
Report No. R6711-0317

## TEST REPORT

CUSTOMER : AGC Vinythai Public Company Limited  
 ADDRESS : 202 Moo 1, Suksawasdi Rd., T. Parkklongbangplakod, A. Prasamutjedi, Samutprakarn 10290  
 SAMPLE SOURCE : Phra Pradaeng Factory I  
 SAMPLE POINT : บริเวณขอบเขตรั้วด้านทิศใต้  
 PARAMETER\* :  $L_{eq}$  1 hr.,  $L_{eq}$  24 hr.,  $L_{90}$  &  $L_{dn}$  SAMPLE NO. : 40907  
 DETERMINATION METHOD : ISO 1996-1:2016 MEASURING DATE : 22-23/10/2024  
 INSTRUMENT : Integrated Sound Level Meter RECEIVED DATE : 26/10/2024  
 S/N 00322755 : Class 2 REPORTED DATE : 12/11/2024

TIME \ DATE	22-23/10/2024 ( $L_{eq}$ )	22-23/10/2024 ( $L_{90}$ )	UNIT
10:00 - 11:00 <sup>/3</sup>	61.6	56.8	dB(A)
11:00 - 12:00	56.7	55.3	dB(A)
12:00 - 13:00	65.8	57.4	dB(A)
13:00 - 14:00	63.4	57.5	dB(A)
14:00 - 15:00	58.0	55.8	dB(A)
15:00 - 16:00	58.2	55.7	dB(A)
16:00 - 17:00	57.3	56.0	dB(A)
17:00 - 18:00	56.8	55.7	dB(A)
18:00 - 19:00	57.1	55.7	dB(A)
19:00 - 20:00	56.7	55.4	dB(A)
20:00 - 21:00	56.1	55.3	dB(A)
21:00 - 22:00	56.9	55.8	dB(A)
22:00 - 23:00	55.9	55.4	dB(A)
23:00 - 00:00	55.5	55.1	dB(A)
00:00 - 01:00	55.6	55.2	dB(A)
01:00 - 02:00	55.5	55.1	dB(A)
02:00 - 03:00	55.3	55.0	dB(A)
03:00 - 04:00	55.2	54.9	dB(A)
04:00 - 05:00	55.8	55.0	dB(A)
05:00 - 06:00	56.4	55.2	dB(A)
06:00 - 07:00	58.8	57.8	dB(A)
07:00 - 08:00	60.3	58.3	dB(A)
08:00 - 09:00	61.3	59.2	dB(A)
09:00 - 10:00	61.5	59.9	dB(A)
$L_{eq}$ 24 hr.	59.1	-	dB(A)
$L_{dn}$	63.4	-	dB(A)
Standard	70 <sup>/1</sup> , 70 <sup>/2</sup>	-	dB(A)

**REMARK :** <sup>/1</sup> Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)  
<sup>/2</sup> Notification of Ministry of the Industry B.E. 2548 (2005)  
<sup>/3</sup> Start Time  
 \* Parameter Outside The Scope of The Registration of The Department of Industrial Works  
 (Measurement By Mr. Kamkit Kantason)



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By...   
 (MS. THONGCHAI BOONSAK)

12/11/2024

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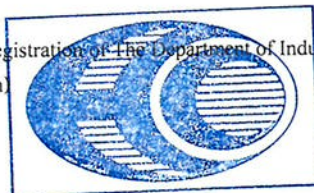
Request No. LA67-R1116

Report No. R6711-0318

## TEST REPORT

CUSTOMER : AGC Vinythai Public Company Limited  
 ADDRESS : 202 Moo 1, Suksawadi Rd., T. Parkklongbangplakod, A. Prasamutjedi, Samutprakarn 10290  
 SAMPLE SOURCE : Phra Pradaeng Factory 1  
 SAMPLE POINT : บริเวณขอบเขตรั้วด้านทิศใต้  
 PARAMETER\* :  $L_{eq}$  1 hr.,  $L_{eq}$  24 hr.,  $L_{90}$  &  $L_{dn}$  SAMPLE NO. : 40908  
 DETERMINATION METHOD : ISO 1996-1:2016 MEASURING DATE : 23-24/10/2024  
 INSTRUMENT : Integrated Sound Level Meter RECEIVED DATE : 26/10/2024  
 S/N 00322755 : Class 2 REPORTED DATE : 12/11/2024

TIME \ DATE	23-24/10/2024 ( $L_{eq}$ )	23-24/10/2024 ( $L_{90}$ )	UNIT
10:00 - 11:00 <sup>1/3</sup>	63.8	59.6	dB(A)
11:00 - 12:00	58.0	57.0	dB(A)
12:00 - 13:00	61.9	60.4	dB(A)
13:00 - 14:00	62.6	60.8	dB(A)
14:00 - 15:00	66.0	61.8	dB(A)
15:00 - 16:00	58.7	57.0	dB(A)
16:00 - 17:00	57.3	55.8	dB(A)
17:00 - 18:00	58.1	56.9	dB(A)
18:00 - 19:00	58.4	57.1	dB(A)
19:00 - 20:00	58.5	56.7	dB(A)
20:00 - 21:00	57.7	56.4	dB(A)
21:00 - 22:00	58.2	55.0	dB(A)
22:00 - 23:00	53.9	53.2	dB(A)
23:00 - 00:00	52.7	52.2	dB(A)
00:00 - 01:00	52.7	52.0	dB(A)
01:00 - 02:00	52.5	51.9	dB(A)
02:00 - 03:00	52.5	51.8	dB(A)
03:00 - 04:00	67.9	65.5	dB(A)
04:00 - 05:00	53.5	52.7	dB(A)
05:00 - 06:00	58.1	51.9	dB(A)
06:00 - 07:00	59.2	52.2	dB(A)
07:00 - 08:00	55.4	52.3	dB(A)
08:00 - 09:00	54.7	52.5	dB(A)
09:00 - 10:00	54.9	52.3	dB(A)
$L_{eq}$ 24 hr.	60.1	-	dB(A)
$L_{dn}$	66.4	-	dB(A)
Standard	70 <sup>1/1</sup> , 70 <sup>2/2</sup>	-	dB(A)

REMARK : <sup>1/1</sup> Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)<sup>1/2</sup> Notification of Ministry of the Industry B.E. 2548 (2005)<sup>1/3</sup> Start Time\* Parameter Outside The Scope of The Registration of The Department of Industrial Works  
(Measurement By Mr. Kamkit Kantason)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By...


 (MS. THONGCHAI BOONSAK)

12/11/2024

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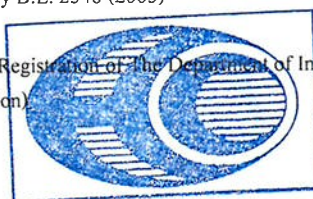
Report No. R6711-0319

## TEST REPORT

CUSTOMER : AGC Vinythai Public Company Limited  
ADDRESS : 202 Moo 1, Suksawasdi Rd., T. Parkklongbangplakod, A. Prasamutjedi, Samutprakarn 10290  
SAMPLE SOURCE : Phra Pradaeng Factory 1  
SAMPLE POINT : บริเวณขอบเขตรั้วด้านทิศใต้  
PARAMETER\* :  $L_{eq}$  1 hr.,  $L_{eq}$  24 hr.,  $L_{90}$  &  $L_{dn}$   
DETERMINATION METHOD : ISO 1996-1:2016  
INSTRUMENT : Integrated Sound Level Meter  
S/N 00322755 : Class 2

SAMPLE NO. : 40909  
MEASURING DATE : 24-25/10/2024  
RECEIVED DATE : 26/10/2024  
REPORTED DATE : 12/11/2024

TIME \ DATE	24-25/10/2024 ( $L_{eq}$ )	24-25/10/2024 ( $L_{90}$ )	UNIT
10:00 - 11:00 <sup>/3</sup>	54.3	52.0	dB(A)
11:00 - 12:00	55.2	51.7	dB(A)
12:00 - 13:00	54.5	51.9	dB(A)
13:00 - 14:00	53.8	51.9	dB(A)
14:00 - 15:00	53.6	52.2	dB(A)
15:00 - 16:00	54.3	52.5	dB(A)
16:00 - 17:00	55.0	52.5	dB(A)
17:00 - 18:00	52.7	52.1	dB(A)
18:00 - 19:00	52.7	52.2	dB(A)
19:00 - 20:00	53.3	52.2	dB(A)
20:00 - 21:00	53.0	52.3	dB(A)
21:00 - 22:00	52.7	52.3	dB(A)
22:00 - 23:00	52.5	52.2	dB(A)
23:00 - 00:00	52.1	51.8	dB(A)
00:00 - 01:00	52.1	51.7	dB(A)
01:00 - 02:00	52.2	51.8	dB(A)
02:00 - 03:00	52.3	51.9	dB(A)
03:00 - 04:00	52.4	52.1	dB(A)
04:00 - 05:00	52.6	52.1	dB(A)
05:00 - 06:00	55.1	52.2	dB(A)
06:00 - 07:00	58.5	56.3	dB(A)
07:00 - 08:00	59.5	56.9	dB(A)
08:00 - 09:00	60.7	57.3	dB(A)
09:00 - 10:00	62.2	58.8	dB(A)
$L_{eq}$ 24 hr.	55.7	-	dB(A)
$L_{dn}$	60.8	-	dB(A)
Standard	70 <sup>/1</sup> , 70 <sup>/2</sup>	-	dB(A)

REMARK : <sup>/1</sup> Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)<sup>/2</sup> Notification of Ministry of the Industry B.E. 2548 (2005)<sup>/3</sup> Start Time\* Parameter Outside The Scope of The Registration of The Department of Industrial Works  
(Measurement By Mr. Kamkit Kantason)

บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By...

Thongchai Boonsak

(MS. THONGCHAI BOONSAK)

12/11/2024

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Request No. LA67-R1116

Report No. R6711-0320

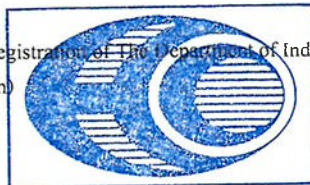
## TEST REPORT

CUSTOMER : AGC Vinythai Public Company Limited  
ADDRESS : 202 Moo 1, Suksawasdi Rd., T. Parkklongbangplakod, A. Prasamutjedi, Samutprakarn 10290  
SAMPLE SOURCE : Phra Pradaeng Factory 1  
SAMPLE POINT : บริเวณขอบเขตรั้วด้านทิศใต้  
PARAMETER\* :  $L_{eq}$  1 hr.,  $L_{eq}$  24 hr.,  $L_{90}$  &  $L_{dn}$   
DETERMINATION METHOD : ISO 1996-1:2016  
INSTRUMENT : Integrated Sound Level Meter  
S/N 00322755 : Class 2

SAMPLE NO. : 40910  
MEASURING DATE : 25-26/10/2024  
RECEIVED DATE : 26/10/2024  
REPORTED DATE : 12/11/2024

TIME \ DATE	25-26/10/2024 ( $L_{eq}$ )	25-26/10/2024 ( $L_{90}$ )	UNIT
10:00 - 11:00 <sup>1/3</sup>	59.4	57.3	dB(A)
11:00 - 12:00	55.5	52.9	dB(A)
12:00 - 13:00	60.4	57.4	dB(A)
13:00 - 14:00	60.8	55.0	dB(A)
14:00 - 15:00	57.8	53.4	dB(A)
15:00 - 16:00	57.0	53.8	dB(A)
16:00 - 17:00	61.4	57.4	dB(A)
17:00 - 18:00	58.1	53.5	dB(A)
18:00 - 19:00	59.7	54.5	dB(A)
19:00 - 20:00	65.0	54.5	dB(A)
20:00 - 21:00	66.3	53.5	dB(A)
21:00 - 22:00	60.2	54.5	dB(A)
22:00 - 23:00	58.0	54.8	dB(A)
23:00 - 00:00	55.2	53.2	dB(A)
00:00 - 01:00	52.5	52.1	dB(A)
01:00 - 02:00	52.4	52.0	dB(A)
02:00 - 03:00	52.3	52.0	dB(A)
03:00 - 04:00	52.4	52.0	dB(A)
04:00 - 05:00	52.6	52.3	dB(A)
05:00 - 06:00	55.4	52.3	dB(A)
06:00 - 07:00	58.7	57.0	dB(A)
07:00 - 08:00	62.5	60.5	dB(A)
08:00 - 09:00	64.0	60.5	dB(A)
09:00 - 10:00	63.5	59.7	dB(A)
$L_{eq}$ 24 hr.	60.3	-	dB(A)
$L_{dn}$	63.3	-	dB(A)
Standard	70 <sup>1/1</sup> , 70 <sup>2/2</sup>	-	dB(A)

**REMARK :** <sup>1/1</sup> Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)  
<sup>1/2</sup> Notification of Ministry of the Industry B.E. 2548 (2005)  
<sup>1/3</sup> Start Time  
\* Parameter Outside The Scope of The Registration of The Department of Industrial Works  
(Measurement By Mr. Kamkit Kantason)



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By... *Thongchai Boonsak*  
(MS. THONGCHAI BOONSAK)

12/11/2024

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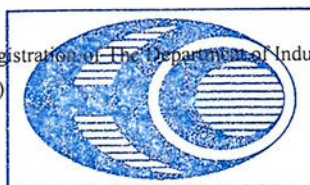
Request No. LA67-R1116

Report No. R6711-0307

## TEST REPORT

CUSTOMER : AGC Vinythai Public Company Limited  
 ADDRESS : 202 Moo 1, Suksawasdi Rd., T. Parkklongbangplakod, A. Prasamutjedi, Samutprakarn 10290  
 SAMPLE SOURCE : Phra Pradaeng Factory 1  
 SAMPLE POINT : บริเวณขอบเขตรั้วด้านทิศตะวันออก  
 PARAMETER\* :  $L_{eq}$  1 hr.,  $L_{eq}$  24 hr.,  $L_{90}$  &  $L_{dn}$  SAMPLE NO. : 40897  
 DETERMINATION METHOD : ISO 1996-1:2016 MEASURING DATE : 19-20/10/2024  
 INSTRUMENT : Integrated Sound Level Meter RECEIVED DATE : 26/10/2024  
 S/N 00322749 : Class 2 REPORTED DATE : 12/11/2024

TIME \ DATE	19-20/10/2024 ( $L_{eq}$ )	19-20/10/2024 ( $L_{90}$ )	UNIT
10:00 - 11:00 <sup>/3</sup>	68.5	62.5	dB(A)
11:00 - 12:00	64.3	60.5	dB(A)
12:00 - 13:00	63.9	60.0	dB(A)
13:00 - 14:00	64.6	60.2	dB(A)
14:00 - 15:00	64.3	60.8	dB(A)
15:00 - 16:00	64.6	60.1	dB(A)
16:00 - 17:00	77.5	63.8	dB(A)
17:00 - 18:00	71.4	67.8	dB(A)
18:00 - 19:00	66.9	64.1	dB(A)
19:00 - 20:00	66.5	62.4	dB(A)
20:00 - 21:00	66.8	62.6	dB(A)
21:00 - 22:00	66.3	63.0	dB(A)
22:00 - 23:00	66.5	63.2	dB(A)
23:00 - 00:00	65.7	62.2	dB(A)
00:00 - 01:00	65.4	60.0	dB(A)
01:00 - 02:00	64.2	57.2	dB(A)
02:00 - 03:00	64.8	56.0	dB(A)
03:00 - 04:00	61.7	54.4	dB(A)
04:00 - 05:00	62.6	53.5	dB(A)
05:00 - 06:00	61.9	53.1	dB(A)
06:00 - 07:00	63.7	53.8	dB(A)
07:00 - 08:00	63.0	56.2	dB(A)
08:00 - 09:00	64.1	59.1	dB(A)
09:00 - 10:00	66.3	61.9	dB(A)
$L_{eq}$ 24 hr.	67.7	-	dB(A)
$L_{dn}$	71.8	-	dB(A)
Standard	$70^{/1}, 70^{/2}$	-	dB(A)

REMARK : <sup>/1</sup> Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)<sup>/2</sup> Notification of Ministry of the Industry B.E. 2548 (2005)<sup>/3</sup> Start Time\* Parameter Outside The Scope of The Registration of The Department of Industrial Works  
(Measurement By Mr. Kamkit Kantason)

บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By.....

(MS. THONGCHAI BOONSAK)

12/11/2024

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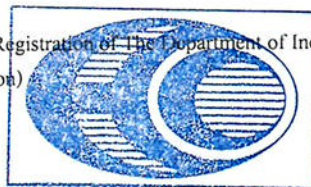
Request No. LA67-R1116

Report No. R6711-0308

## TEST REPORT

CUSTOMER : AGC Vinythai Public Company Limited  
ADDRESS : 202 Moo 1, Suksawasdi Rd., T. Parkklongbangplakod, A. Prasamutjedi, Samutprakarn 10290  
SAMPLE SOURCE : Phra Pradaeng Factory 1  
SAMPLE POINT : บริเวณขอบเขตรั้วด้านทิศตะวันออก  
PARAMETER\* :  $L_{eq}$  1 hr.,  $L_{eq}$  24 hr.,  $L_{90}$  &  $L_{dn}$  SAMPLE NO. : 40898  
DETERMINATION METHOD : ISO 1996-1:2016 MEASURING DATE : 20-21/10/2024  
INSTRUMENT : Integrated Sound Level Meter RECEIVED DATE : 26/10/2024  
S/N 00322749 : Class 2 REPORTED DATE : 12/11/2024

TIME \ DATE	20-21/10/2024 ( $L_{eq}$ )	20-21/10/2024 ( $L_{90}$ )	UNIT
10:00 - 11:00 <sup>3</sup>	69.0	62.9	dB(A)
11:00 - 12:00	65.1	60.9	dB(A)
12:00 - 13:00	64.9	60.3	dB(A)
13:00 - 14:00	64.8	60.2	dB(A)
14:00 - 15:00	65.3	60.7	dB(A)
15:00 - 16:00	64.9	60.5	dB(A)
16:00 - 17:00	64.5	60.3	dB(A)
17:00 - 18:00	64.9	61.0	dB(A)
18:00 - 19:00	66.6	61.6	dB(A)
19:00 - 20:00	67.6	62.3	dB(A)
20:00 - 21:00	66.6	62.5	dB(A)
21:00 - 22:00	66.1	61.5	dB(A)
22:00 - 23:00	66.3	61.3	dB(A)
23:00 - 00:00	66.0	61.8	dB(A)
00:00 - 01:00	64.9	58.9	dB(A)
01:00 - 02:00	64.7	57.1	dB(A)
02:00 - 03:00	64.0	55.1	dB(A)
03:00 - 04:00	62.9	54.2	dB(A)
04:00 - 05:00	62.3	52.4	dB(A)
05:00 - 06:00	62.8	52.7	dB(A)
06:00 - 07:00	61.5	51.9	dB(A)
07:00 - 08:00	61.4	55.3	dB(A)
08:00 - 09:00	62.6	57.1	dB(A)
09:00 - 10:00	64.9	59.2	dB(A)
$L_{eq}$ 24 hr.	65.2	-	dB(A)
$L_{dn}$	70.9	-	dB(A)
Standard	70 <sup>1</sup> , 70 <sup>2</sup>	-	dB(A)

REMARK : <sup>1</sup> Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)<sup>2</sup> Notification of Ministry of the Industry B.E. 2548 (2005)<sup>3</sup> Start Time\* Parameter Outside The Scope of The Registration of The Department of Industrial Works  
(Measurement By Mr. Kamkit Kantason)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By

  
(MS. THONGCHAI BOONSAK)

12/11/2024

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Request No. LA67-R1116

Report No. R6711-0309

## TEST REPORT

CUSTOMER : AGC Vinythai Public Company Limited  
ADDRESS : 202 Moo 1, Suksawasdi Rd., T. Parkklongbangplakod, A. Prasamutjedi, Samutprakarn 10290  
SAMPLE SOURCE : Phra Pradaeng Factory 1  
SAMPLE POINT : บริเวณขอบเขตรั้วด้านทิศตะวันออก  
PARAMETER\* :  $L_{eq}$  1 hr.,  $L_{eq}$  24 hr.,  $L_{90}$  &  $L_{dn}$  SAMPLE NO. : 40899  
DETERMINATION METHOD : ISO 1996-1:2016 MEASURING DATE : 21-22/10/2024  
INSTRUMENT : Integrated Sound Level Meter RECEIVED DATE : 26/10/2024  
S/N 00322749 : Class 2 REPORTED DATE : 12/11/2024

TIME \ DATE	21-22/10/2024 ( $L_{eq}$ ) <sup>1</sup>	21-22/10/2024 ( $L_{90}$ )	UNIT
10:00 - 11:00 <sup>2</sup>	67.3	60.1	dB(A)
11:00 - 12:00	65.1	60.0	dB(A)
12:00 - 13:00	64.9	60.3	dB(A)
13:00 - 14:00	65.2	60.8	dB(A)
14:00 - 15:00	65.6	60.8	dB(A)
15:00 - 16:00	65.3	60.9	dB(A)
16:00 - 17:00	65.9	61.3	dB(A)
17:00 - 18:00	65.9	61.3	dB(A)
18:00 - 19:00	66.0	61.6	dB(A)
19:00 - 20:00	67.0	61.9	dB(A)
20:00 - 21:00	65.9	61.6	dB(A)
21:00 - 22:00	66.4	61.5	dB(A)
22:00 - 23:00	65.7	61.1	dB(A)
23:00 - 00:00	65.3	59.6	dB(A)
00:00 - 01:00	65.1	58.1	dB(A)
01:00 - 02:00	63.9	55.9	dB(A)
02:00 - 03:00	64.4	53.8	dB(A)
03:00 - 04:00	60.7	51.7	dB(A)
04:00 - 05:00	61.3	50.9	dB(A)
05:00 - 06:00	61.1	52.0	dB(A)
06:00 - 07:00	60.7	52.6	dB(A)
07:00 - 08:00	63.7	57.9	dB(A)
08:00 - 09:00	65.4	60.8	dB(A)
09:00 - 10:00	66.3	62.9	dB(A)
$L_{eq}$ 24 hr.	65.1	-	dB(A)
$L_{dn}$	70.4	-	dB(A)
Standard	70 <sup>1</sup> , 70 <sup>2</sup>	-	dB(A)

REMARK : <sup>1</sup> Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)<sup>2</sup> Notification of Ministry of the Industry B.E. 2548 (2005)<sup>3</sup> Start Time\* Parameter Outside The Scope of The Registration of The Department of Industrial Works  
(Measurement By Mr. Kamkit Kantason)

Approved By...

  
(MS. THONGCHAI BOONSAK)

12/11/2024

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Request No. LA67-R1116

Report No. R6711-0310

## TEST REPORT

CUSTOMER : AGC Vinythai Public Company Limited  
 ADDRESS : 202 Moo 1, Suksawadi Rd., T. Parkklongbangplakod, A. Prasamutjedi, Samutprakarn 10290  
 SAMPLE SOURCE : Phra Pradaeng Factory 1  
 SAMPLE POINT : บริเวณขอบเขตรั้วด้านทิศตะวันออก  
 PARAMETER\* :  $L_{eq}$  1 hr.,  $L_{eq}$  24 hr.,  $L_{90}$  &  $L_{dn}$  SAMPLE NO. : 40900  
 DETERMINATION METHOD : ISO 1996-1:2016 MEASURING DATE : 22-23/10/2024  
 INSTRUMENT : Integrated Sound Level Meter RECEIVED DATE : 26/10/2024  
 S/N 00322749 : Class 2 REPORTED DATE : 12/11/2024

TIME \ DATE	22-23/10/2024 ( $L_{eq}$ )	22-23/10/2024 ( $L_{90}$ )	UNIT
10:00 - 11:00 <sup>1/3</sup>	68.8	62.7	dB(A)
11:00 - 12:00	65.3	61.4	dB(A)
12:00 - 13:00	63.8	59.9	dB(A)
13:00 - 14:00	64.1	60.0	dB(A)
14:00 - 15:00	64.7	60.3	dB(A)
15:00 - 16:00	64.9	60.4	dB(A)
16:00 - 17:00	65.2	61.1	dB(A)
17:00 - 18:00	64.8	60.8	dB(A)
18:00 - 19:00	65.7	61.3	dB(A)
19:00 - 20:00	66.1	61.3	dB(A)
20:00 - 21:00	66.0	61.7	dB(A)
21:00 - 22:00	66.1	61.7	dB(A)
22:00 - 23:00	66.7	61.3	dB(A)
23:00 - 00:00	66.1	60.9	dB(A)
00:00 - 01:00	65.8	59.3	dB(A)
01:00 - 02:00	65.2	57.0	dB(A)
02:00 - 03:00	63.7	55.4	dB(A)
03:00 - 04:00	63.4	53.5	dB(A)
04:00 - 05:00	62.4	52.9	dB(A)
05:00 - 06:00	61.0	51.8	dB(A)
06:00 - 07:00	62.9	54.2	dB(A)
07:00 - 08:00	63.9	57.9	dB(A)
08:00 - 09:00	64.7	59.8	dB(A)
09:00 - 10:00	66.0	62.1	dB(A)
$L_{eq}$ 24 hr.	65.2	-	dB(A)
$L_{dn}$	71.1	-	dB(A)
Standard	70 <sup>1/1</sup> , 70 <sup>2/2</sup>	-	dB(A)

REMARK : <sup>1/1</sup> Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)  
<sup>1/2</sup> Notification of Ministry of the Industry B.E. 2548 (2005)  
<sup>1/3</sup> Start Time  
 \* Parameter Outside The Scope of The Registration of The Department of Industrial Works  
 (Measurement By Mr. Kamkit Kantason)



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Approved By.....

Thongchai Boonsak

(MS. THONGCHAI BOONSAK)

12/11/2024

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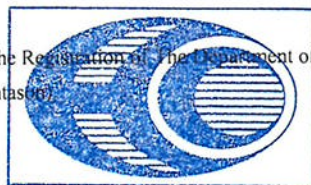
Request No. LA67-R1116

Report No. R6711-0311

## TEST REPORT

CUSTOMER : AGC Vinythai Public Company Limited  
 ADDRESS : 202 Moo 1, Suksawadi Rd., T. Parkklongbangplakod, A. Prasamutjedi, Samutprakarn 10290  
 SAMPLE SOURCE : Phra Pradaeng Factory I  
 SAMPLE POINT : บริเวณขอบเขตรั้วด้านทิศตะวันออก  
 PARAMETER\* :  $L_{eq}$  1 hr.,  $L_{eq}$  24 hr.,  $L_{90}$  &  $L_{dn}$  SAMPLE NO. : 40901  
 DETERMINATION METHOD : ISO 1996-1:2016 MEASURING DATE : 23-24/10/2024  
 INSTRUMENT : Integrated Sound Level Meter RECEIVED DATE : 26/10/2024  
 S/N 00322749 : Class 2 REPORTED DATE : 12/11/2024

TIME \ DATE	23-24/10/2024 ( $L_{eq}$ )	23-24/10/2024 ( $L_{90}$ )	UNIT
10:00 - 11:00 <sup>3</sup>	68.3	62.7	dB(A)
11:00 - 12:00	64.1	60.4	dB(A)
12:00 - 13:00	63.8	60.2	dB(A)
13:00 - 14:00	64.2	60.0	dB(A)
14:00 - 15:00	64.9	60.6	dB(A)
15:00 - 16:00	64.3	60.4	dB(A)
16:00 - 17:00	64.6	60.5	dB(A)
17:00 - 18:00	65.3	61.0	dB(A)
18:00 - 19:00	66.4	62.9	dB(A)
19:00 - 20:00	67.1	63.0	dB(A)
20:00 - 21:00	67.0	62.8	dB(A)
21:00 - 22:00	68.0	62.7	dB(A)
22:00 - 23:00	67.7	62.6	dB(A)
23:00 - 00:00	67.4	61.9	dB(A)
00:00 - 01:00	66.7	61.3	dB(A)
01:00 - 02:00	66.7	59.5	dB(A)
02:00 - 03:00	65.7	58.2	dB(A)
03:00 - 04:00	65.1	57.0	dB(A)
04:00 - 05:00	63.2	54.5	dB(A)
05:00 - 06:00	62.2	53.7	dB(A)
06:00 - 07:00	62.3	54.0	dB(A)
07:00 - 08:00	62.8	58.7	dB(A)
08:00 - 09:00	63.4	58.6	dB(A)
09:00 - 10:00	65.2	61.0	dB(A)
$L_{eq}$ 24 hr.	65.6	-	dB(A)
$L_{dn}$	72.1	-	dB(A)
Standard	70 <sup>1</sup> , 70 <sup>2</sup>	-	dB(A)

REMARK : <sup>1</sup> Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)<sup>2</sup> Notification of Ministry of the Industry B.E. 2548 (2005)<sup>3</sup> Start Time\* Parameter Outside The Scope of The Registration of The Department of Industrial Works  
(Measurement By Mr. Kamkit Kantasorn)

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Approved By   
(MS. THONGCHAI BOONSAK)

12/11/2024

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Request No. LA67-R1116

Report No. R6711-0312

## TEST REPORT

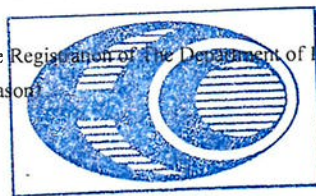
CUSTOMER : AGC Vinythai Public Company Limited  
ADDRESS : 202 Moo 1, Suksawasdi Rd., T. Parkklongbangplakod, A. Prasamtjedi, Samutprakam 10290  
SAMPLE SOURCE : Phra Pradaeng Factory 1  
SAMPLE POINT : บริเวณขอบเขตรั้วด้านทิศตะวันออก  
PARAMETER\* :  $L_{eq}$  1 hr.,  $L_{eq}$  24 hr.,  $L_{90}$  &  $L_{dn}$   
DETERMINATION METHOD : ISO 1996-1:2016  
INSTRUMENT : Integrated Sound Level Meter  
S/N 00322749 : Class 2

SAMPLE NO. : 40902  
MEASURING DATE : 24-25/10/2024  
RECEIVED DATE : 26/10/2024  
REPORTED DATE : 12/11/2024

TIME \ DATE	24-25/10/2024 ( $L_{eq}$ )	24-25/10/2024 ( $L_{90}$ )	UNIT
10:00 - 11:00 <sup>3</sup>	68.5	62.1	dB(A)
11:00 - 12:00	65.4	60.9	dB(A)
12:00 - 13:00	65.8	61.4	dB(A)
13:00 - 14:00	64.5	60.5	dB(A)
14:00 - 15:00	65.7	60.8	dB(A)
15:00 - 16:00	65.5	61.0	dB(A)
16:00 - 17:00	65.2	61.1	dB(A)
17:00 - 18:00	65.6	61.2	dB(A)
18:00 - 19:00	65.8	61.7	dB(A)
19:00 - 20:00	66.8	62.1	dB(A)
20:00 - 21:00	66.7	63.0	dB(A)
21:00 - 22:00	67.4	62.4	dB(A)
22:00 - 23:00	66.9	62.0	dB(A)
23:00 - 00:00	67.6	62.2	dB(A)
00:00 - 01:00	66.7	60.5	dB(A)
01:00 - 02:00	67.8	59.2	dB(A)
02:00 - 03:00	65.2	57.5	dB(A)
03:00 - 04:00	64.6	55.1	dB(A)
04:00 - 05:00	64.2	53.1	dB(A)
05:00 - 06:00	61.6	53.0	dB(A)
06:00 - 07:00	60.9	53.9	dB(A)
07:00 - 08:00	62.4	57.4	dB(A)
08:00 - 09:00	64.1	60.0	dB(A)
09:00 - 10:00	65.6	61.5	dB(A)
$L_{eq}$ 24 hr.	65.8	-	dB(A)
$L_{dn}$	72.1	-	dB(A)
Standard	70 <sup>1/1</sup> , 70 <sup>1/2</sup>	-	dB(A)

REMARK : <sup>1/1</sup> Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)<sup>1/2</sup> Notification of Ministry of the Industry B.E. 2548 (2005)<sup>1/3</sup> Start Time

\* Parameter Outside The Scope of The Registration of The Department of Industrial Works  
(Measurement By Mr. Kamkit Kantason)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By *Thongchai Boonsak*  
(MS. THONGCHAI BOONSAK)

12/11/2024

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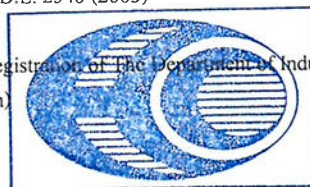
Request No. LA67-R1116

Report No. R6711-0313

## TEST REPORT

CUSTOMER : AGC Vinythai Public Company Limited  
 ADDRESS : 202 Moo 1, Suksawasdi Rd., T. Parkklongbangplakod, A. Prasamutjedi, Samutprakarn 10290  
 SAMPLE SOURCE : Phra Pradaeng Factory 1  
 SAMPLE POINT : บริเวณขอบเขตรั้วด้านทิศตะวันออก  
 PARAMETER\* :  $L_{eq}$  1 hr.,  $L_{eq}$  24 hr.,  $L_{90}$  &  $L_{dn}$  SAMPLE NO. : 40903  
 DETERMINATION METHOD : ISO 1996-1:2016 MEASURING DATE : 25-26/10/2024  
 INSTRUMENT : Integrated Sound Level Meter RECEIVED DATE : 26/10/2024  
 S/N 00322749 : Class 2 REPORTED DATE : 12/11/2024

TIME \ DATE	25-26/10/2024 ( $L_{eq}$ )	25-26/10/2024 ( $L_{90}$ )	UNIT
10:00 - 11:00 <sup>1/3</sup>	68.3	62.3	dB(A)
11:00 - 12:00	64.0	60.2	dB(A)
12:00 - 13:00	64.0	59.7	dB(A)
13:00 - 14:00	64.4	60.2	dB(A)
14:00 - 15:00	64.4	60.1	dB(A)
15:00 - 16:00	64.6	59.9	dB(A)
16:00 - 17:00	64.8	60.7	dB(A)
17:00 - 18:00	65.3	60.9	dB(A)
18:00 - 19:00	65.2	60.7	dB(A)
19:00 - 20:00	65.6	61.5	dB(A)
20:00 - 21:00	66.5	62.0	dB(A)
21:00 - 22:00	67.6	62.5	dB(A)
22:00 - 23:00	67.0	62.7	dB(A)
23:00 - 00:00	66.7	61.6	dB(A)
00:00 - 01:00	66.3	60.5	dB(A)
01:00 - 02:00	66.1	58.7	dB(A)
02:00 - 03:00	65.8	58.1	dB(A)
03:00 - 04:00	63.3	56.3	dB(A)
04:00 - 05:00	62.7	54.8	dB(A)
05:00 - 06:00	62.8	55.9	dB(A)
06:00 - 07:00	62.1	56.1	dB(A)
07:00 - 08:00	63.9	58.8	dB(A)
08:00 - 09:00	64.9	60.7	dB(A)
09:00 - 10:00	66.0	62.4	dB(A)
$L_{eq}$ 24 hr.	65.4	-	dB(A)
$L_{dn}$	71.6	-	dB(A)
Standard	70 <sup>1/1</sup> , 70 <sup>2/2</sup>	-	dB(A)

REMARK : <sup>1/1</sup> Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)<sup>1/2</sup> Notification of Ministry of the Industry B.E. 2548 (2005)<sup>1/3</sup> Start Time\* Parameter Outside The Scope of The Registration of The Department of Industrial Works  
(Measurement By Mr. Kamkit Kantason)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By

(MS. THONGCHAI BOONSAK)

12/11/2024

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Request No. LA67-R1116

Report No. R6711-0300

## TEST REPORT

CUSTOMER : AGC Vinythai Public Company Limited  
ADDRESS : 202 Moo 1, Suksawasdi Rd., T. Parkklongbangplakod, A. Prasamutjedi, Samutprakarn 10290  
SAMPLE SOURCE : Phra Pradaeng Factory 1  
SAMPLE POINT : บริเวณขอบเขตรั้วด้านทิศตะวันตก  
PARAMETER\* :  $L_{eq}$  1 hr.,  $L_{eq}$  24 hr.,  $L_{90}$  &  $L_{dn}$  SAMPLE NO. : 40890  
DETERMINATION METHOD : ISO 1996-1:2016 MEASURING DATE : 19-20/10/2024  
INSTRUMENT : Integrated Sound Level Meter RECEIVED DATE : 26/10/2024  
S/N 00322753 : Class 2 REPORTED DATE : 12/11/2024

TIME \ DATE	19-20/10/2024 ( $L_{eq}$ )	19-20/10/2024 ( $L_{90}$ )	UNIT
10:00 - 11:00 <sup>1/3</sup>	64.0	63.2	dB(A)
11:00 - 12:00	64.2	63.2	dB(A)
12:00 - 13:00	63.9	62.9	dB(A)
13:00 - 14:00	66.3	63.1	dB(A)
14:00 - 15:00	64.4	63.3	dB(A)
15:00 - 16:00	64.3	63.7	dB(A)
16:00 - 17:00	64.3	63.6	dB(A)
17:00 - 18:00	64.8	63.9	dB(A)
18:00 - 19:00	66.1	63.7	dB(A)
19:00 - 20:00	64.6	63.8	dB(A)
20:00 - 21:00	76.9	64.8	dB(A)
21:00 - 22:00	64.8	64.3	dB(A)
22:00 - 23:00	66.5	64.3	dB(A)
23:00 - 00:00	64.5	64.1	dB(A)
00:00 - 01:00	65.5	64.1	dB(A)
01:00 - 02:00	66.8	64.3	dB(A)
02:00 - 03:00	69.5	64.3	dB(A)
03:00 - 04:00	64.8	64.2	dB(A)
04:00 - 05:00	64.4	64.0	dB(A)
05:00 - 06:00	64.6	64.0	dB(A)
06:00 - 07:00	68.0	64.4	dB(A)
07:00 - 08:00	64.6	63.7	dB(A)
08:00 - 09:00	66.9	63.8	dB(A)
09:00 - 10:00	80.1	65.0	dB(A)
$L_{eq}$ 24 hr.	69.8	-	dB(A)
$L_{dn}$	73.9	-	dB(A)
Standard	$70^{1/1}, 70^{1/2}$	-	dB(A)

REMARK : <sup>1/1</sup> Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)<sup>1/2</sup> Notification of Ministry of the Industry B.E. 2548 (2005)<sup>1/3</sup> Start Time\* Parameter Outside The Scope of The Registration of the Department of Industrial Works  
(Measurement By Mr. Kamkit Kantason)

Approved By


  
(MS. THONGCHAI BOONSAK)

12/11/2024

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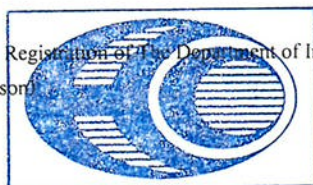
Report No. R6711-0301

## TEST REPORT

CUSTOMER : AGC Vinythai Public Company Limited  
ADDRESS : 202 Moo 1, Suksawasdi Rd., T. Parkklongbangplakod, A. Prasamutjedi, Samutprakarn 10290  
SAMPLE SOURCE : Phra Pradaeng Factory 1  
SAMPLE POINT : บริเวณขอบเขตรั้วด้านทิศตะวันตก  
PARAMETER\* :  $L_{eq}$  1 hr.,  $L_{eq}$  24 hr.,  $L_{90}$  &  $L_{dn}$   
DETERMINATION METHOD : ISO 1996-1:2016  
INSTRUMENT : Integrated Sound Level Meter  
S/N 00322753 : Class 2

SAMPLE NO. : 40891  
MEASURING DATE : 20-21/10/2024  
RECEIVED DATE : 26/10/2024  
REPORTED DATE : 12/11/2024

TIME \ DATE	20-21/10/2024 ( $L_{eq}$ )	20-21/10/2024 ( $L_{90}$ )	UNIT
10:00 - 11:00 <sup>/3</sup>	65.1	63.3	dB(A)
11:00 - 12:00	66.0	63.2	dB(A)
12:00 - 13:00	63.5	62.9	dB(A)
13:00 - 14:00	64.9	63.3	dB(A)
14:00 - 15:00	64.3	63.3	dB(A)
15:00 - 16:00	66.7	63.9	dB(A)
16:00 - 17:00	64.3	63.3	dB(A)
17:00 - 18:00	64.1	63.5	dB(A)
18:00 - 19:00	64.8	63.7	dB(A)
19:00 - 20:00	65.0	63.9	dB(A)
20:00 - 21:00	66.2	64.1	dB(A)
21:00 - 22:00	64.3	64.0	dB(A)
22:00 - 23:00	64.2	63.9	dB(A)
23:00 - 00:00	64.1	63.7	dB(A)
00:00 - 01:00	64.0	63.7	dB(A)
01:00 - 02:00	80.8	65.3	dB(A)
02:00 - 03:00	72.2	64.5	dB(A)
03:00 - 04:00	68.0	64.2	dB(A)
04:00 - 05:00	64.9	64.4	dB(A)
05:00 - 06:00	64.8	64.4	dB(A)
06:00 - 07:00	66.2	64.2	dB(A)
07:00 - 08:00	64.8	64.3	dB(A)
08:00 - 09:00	67.2	64.7	dB(A)
09:00 - 10:00	77.4	65.4	dB(A)
$L_{eq}$ 24 hr.	70.4	-	dB(A)
$L_{dn}$	78.5	-	dB(A)
Standard	70 <sup>/1</sup> , 70 <sup>/2</sup>	-	dB(A)

REMARK : <sup>/1</sup> Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)<sup>/2</sup> Notification of Ministry of the Industry B.E. 2548 (2005)<sup>/3</sup> Start Time\* Parameter Outside The Scope of The Registration of The Department of Industrial Works  
(Measurement By Mr. Kamkit Kantasorn)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By: 

(MS. THONGCHAI BOONSAK)

12/11/2024

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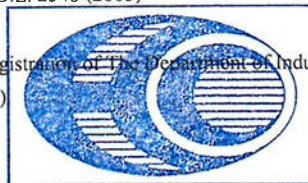
Request No. LA67-R1116

Report No. R6711-0302

## TEST REPORT

CUSTOMER : AGC Vinythai Public Company Limited  
ADDRESS : 202 Moo 1, Suksawadi Rd., T. Parkklongbangplakod, A. Prasamutjedi, Samutprakarn 10290  
SAMPLE SOURCE : Phra Pradaeng Factory 1  
SAMPLE POINT : บริเวณขอบเขตรั้วด้านทิศตะวันตก  
PARAMETER\* :  $L_{eq}$  1 hr.,  $L_{eq}$  24 hr.,  $L_{90}$  &  $L_{dn}$  SAMPLE NO. : 40892  
DETERMINATION METHOD : ISO 1996-1:2016 MEASURING DATE : 21-22/10/2024  
INSTRUMENT : Integrated Sound Level Meter RECEIVED DATE : 26/10/2024  
S/N 00322753 : Class 2 REPORTED DATE : 12/11/2024

TIME \ DATE	21-22/10/2024 ( $L_{eq}$ )	21-22/10/2024 ( $L_{90}$ )	UNIT
10:00 - 11:00 <sup>3</sup>	68.0	64.8	dB(A)
11:00 - 12:00	66.9	64.6	dB(A)
12:00 - 13:00	64.2	63.6	dB(A)
13:00 - 14:00	79.0	65.4	dB(A)
14:00 - 15:00	68.7	65.1	dB(A)
15:00 - 16:00	69.5	65.3	dB(A)
16:00 - 17:00	66.9	64.0	dB(A)
17:00 - 18:00	65.0	63.9	dB(A)
18:00 - 19:00	65.3	64.4	dB(A)
19:00 - 20:00	66.1	64.4	dB(A)
20:00 - 21:00	65.9	64.4	dB(A)
21:00 - 22:00	64.7	64.3	dB(A)
22:00 - 23:00	64.6	64.2	dB(A)
23:00 - 00:00	64.1	63.8	dB(A)
00:00 - 01:00	64.8	63.9	dB(A)
01:00 - 02:00	65.0	63.8	dB(A)
02:00 - 03:00	66.3	63.9	dB(A)
03:00 - 04:00	64.4	64.0	dB(A)
04:00 - 05:00	64.3	64.0	dB(A)
05:00 - 06:00	64.3	64.0	dB(A)
06:00 - 07:00	67.9	64.4	dB(A)
07:00 - 08:00	64.8	63.9	dB(A)
08:00 - 09:00	66.7	64.2	dB(A)
09:00 - 10:00	78.6	65.3	dB(A)
$L_{eq}$ 24 hr.	70.0	-	dB(A)
$L_{dn}$	73.3	-	dB(A)
Standard	70 <sup>1</sup> , 70 <sup>2</sup>	-	dB(A)

REMARK : <sup>1</sup> Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)<sup>2</sup> Notification of Ministry of the Industry B.E. 2548 (2005)<sup>3</sup> Start Time\* Parameter Outside The Scope of The Registration of The Department of Industrial Works  
(Measurement By Mr. Kamkit Kantason)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By... *Thongchai Boonsak*

(MS. THONGCHAI BOONSAK)

12/11/2024

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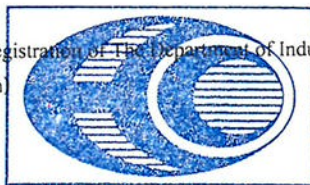
Request No. LA67-R1116

Report No. R6711-0303

## TEST REPORT

CUSTOMER : AGC Vinythai Public Company Limited  
 ADDRESS : 202 Moo 1, Suksawasdi Rd., T. Parkklongbangplakod, A. Prasamutjedi, Samutprakarn 10290  
 SAMPLE SOURCE : Phra Pradaeng Factory 1  
 SAMPLE POINT : บริเวณขอบเขตรั้วด้านทิศตะวันตก  
 PARAMETER\* :  $L_{eq}$  1 hr.,  $L_{eq}$  24 hr.,  $L_{90}$  &  $L_{dn}$  SAMPLE NO. : 40893  
 DETERMINATION METHOD : ISO 1996-1:2016 MEASURING DATE : 22-23/10/2024  
 INSTRUMENT : Integrated Sound Level Meter RECEIVED DATE : 26/10/2024  
 S/N 00322753 : Class 2 REPORTED DATE : 12/11/2024

TIME \ DATE	22-23/10/2024 ( $L_{eq}$ )	22-23/10/2024 ( $L_{90}$ )	UNIT
10:00 - 11:00 <sup>/3</sup>	69.8	65.2	dB(A)
11:00 - 12:00	67.2	64.6	dB(A)
12:00 - 13:00	64.2	63.6	dB(A)
13:00 - 14:00	79.9	67.3	dB(A)
14:00 - 15:00	68.6	65.1	dB(A)
15:00 - 16:00	67.0	64.7	dB(A)
16:00 - 17:00	65.2	64.1	dB(A)
17:00 - 18:00	65.6	64.4	dB(A)
18:00 - 19:00	66.5	64.5	dB(A)
19:00 - 20:00	66.7	64.3	dB(A)
20:00 - 21:00	65.8	64.5	dB(A)
21:00 - 22:00	64.6	64.3	dB(A)
22:00 - 23:00	64.9	64.3	dB(A)
23:00 - 00:00	64.4	64.0	dB(A)
00:00 - 01:00	64.6	63.9	dB(A)
01:00 - 02:00	64.6	63.9	dB(A)
02:00 - 03:00	67.0	64.2	dB(A)
03:00 - 04:00	65.2	64.1	dB(A)
04:00 - 05:00	65.8	64.9	dB(A)
05:00 - 06:00	64.6	64.2	dB(A)
06:00 - 07:00	65.7	64.4	dB(A)
07:00 - 08:00	67.0	64.2	dB(A)
08:00 - 09:00	67.1	64.2	dB(A)
09:00 - 10:00	78.4	65.6	dB(A)
$L_{eq}$ 24 hr.	70.3	-	dB(A)
$L_{dn}$	73.5	-	dB(A)
Standard	$70^{/1}, 70^{/2}$	-	dB(A)

REMARK : <sup>/1</sup> Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)<sup>/2</sup> Notification of Ministry of the Industry B.E. 2548 (2005)<sup>/3</sup> Start Time\* Parameter Outside The Scope of The Registration of The Department of Industrial Works  
(Measurement By Mr. Kamkit Kantason)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By

(MS. THONGCHAI BOONSAK)

12/11/2024

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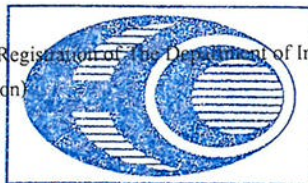
Report No. R6711-0304

## TEST REPORT

CUSTOMER : AGC Vinythai Public Company Limited  
ADDRESS : 202 Moo 1, Suksawadi Rd., T. Parkklongbangplakod, A. Prasamutjedi, Samutprakarn 10290  
SAMPLE SOURCE : Phra Pradaeng Factory I  
SAMPLE POINT : บริเวณขอบเขตรั้วด้านทิศตะวันตก  
PARAMETER\* :  $L_{eq}$  1 hr.,  $L_{eq}$  24 hr.,  $L_{90}$  &  $L_{dn}$  SAMPLE NO. : 40894  
DETERMINATION METHOD : ISO 1996-1:2016 MEASURING DATE : 23-24/10/2024  
INSTRUMENT : Integrated Sound Level Meter RECEIVED DATE : 26/10/2024  
S/N 00322753 : Class 2 REPORTED DATE : 12/11/2024

TIME \ DATE	23-24/10/2024 ( $L_{eq}$ )	23-24/10/2024 ( $L_{90}$ )	UNIT
10:00 - 11:00 <sup>/3</sup>	64.9	63.5	dB(A)
11:00 - 12:00	64.7	63.6	dB(A)
12:00 - 13:00	64.4	63.5	dB(A)
13:00 - 14:00	79.8	64.6	dB(A)
14:00 - 15:00	79.1	64.4	dB(A)
15:00 - 16:00	63.5	63.2	dB(A)
16:00 - 17:00	64.0	63.6	dB(A)
17:00 - 18:00	65.0	63.9	dB(A)
18:00 - 19:00	65.1	64.1	dB(A)
19:00 - 20:00	66.1	64.0	dB(A)
20:00 - 21:00	65.9	64.1	dB(A)
21:00 - 22:00	64.3	64.0	dB(A)
22:00 - 23:00	64.2	63.9	dB(A)
23:00 - 00:00	64.2	63.8	dB(A)
00:00 - 01:00	65.4	63.8	dB(A)
01:00 - 02:00	65.1	63.7	dB(A)
02:00 - 03:00	66.2	63.8	dB(A)
03:00 - 04:00	67.5	63.7	dB(A)
04:00 - 05:00	80.3	64.6	dB(A)
05:00 - 06:00	64.0	63.6	dB(A)
06:00 - 07:00	64.5	63.9	dB(A)
07:00 - 08:00	68.0	63.7	dB(A)
08:00 - 09:00	66.2	63.8	dB(A)
09:00 - 10:00	77.0	64.7	dB(A)
$L_{eq}$ 24 hr.	72.2	-	dB(A)
$L_{dn}$	78.3	-	dB(A)
Standard	70 <sup>/1</sup> , 70 <sup>/2</sup>	-	dB(A)

REMARK : <sup>/1</sup> Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)  
<sup>/2</sup> Notification of Ministry of the Industry B.E. 2548 (2005)  
<sup>/3</sup> Start Time  
\* Parameter Outside The Scope of The Registration of The Department of Industrial Works  
(Measurement By Mr. Kamkit Kantason)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By...   
(MS. THONGCHAI BOONSAK)

12/11/2024

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Request No. LA67-R1116

Report No. R6711-0305

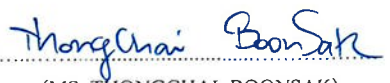
## TEST REPORT

CUSTOMER : AGC Vinythai Public Company Limited  
ADDRESS : 202 Moo 1, Suksawasdi Rd., T. Parkklongbangplakod, A. Prasamutjedi, Samutprakarn 10290  
SAMPLE SOURCE : Phra Pradaeng Factory 1  
SAMPLE POINT : บริเวณขอบเขตรั้วด้านทิศตะวันตก  
PARAMETER\* :  $L_{eq}$  1 hr.,  $L_{eq}$  24 hr.,  $L_{90}$  &  $L_{dn}$  SAMPLE NO. : 40895  
DETERMINATION METHOD : ISO 1996-1:2016 MEASURING DATE : 24-25/10/2024  
INSTRUMENT : Integrated Sound Level Meter RECEIVED DATE : 26/10/2024  
S/N 00322753 : Class 2 REPORTED DATE : 12/11/2024

TIME \ DATE	24-25/10/2024 ( $L_{eq}$ )	24-25/10/2024 ( $L_{90}$ )	UNIT
10:00 - 11:00 <sup>1/3</sup>	67.1	64.0	dB(A)
11:00 - 12:00	67.7	64.2	dB(A)
12:00 - 13:00	63.7	63.1	dB(A)
13:00 - 14:00	79.2	66.0	dB(A)
14:00 - 15:00	67.4	65.2	dB(A)
15:00 - 16:00	68.1	65.3	dB(A)
16:00 - 17:00	66.0	64.3	dB(A)
17:00 - 18:00	65.7	64.3	dB(A)
18:00 - 19:00	66.9	64.3	dB(A)
19:00 - 20:00	66.5	64.2	dB(A)
20:00 - 21:00	65.6	64.2	dB(A)
21:00 - 22:00	64.6	64.2	dB(A)
22:00 - 23:00	64.7	64.2	dB(A)
23:00 - 00:00	64.5	64.1	dB(A)
00:00 - 01:00	66.5	64.1	dB(A)
01:00 - 02:00	65.8	63.9	dB(A)
02:00 - 03:00	66.0	64.1	dB(A)
03:00 - 04:00	80.1	65.4	dB(A)
04:00 - 05:00	64.2	63.8	dB(A)
05:00 - 06:00	64.3	63.9	dB(A)
06:00 - 07:00	67.8	63.9	dB(A)
07:00 - 08:00	64.1	63.6	dB(A)
08:00 - 09:00	66.6	64.2	dB(A)
09:00 - 10:00	79.1	65.9	dB(A)
$L_{eq}$ 24 hr.	71.7	-	dB(A)
$L_{dn}$	78.1	-	dB(A)
Standard	$70^{1/1}, 70^{2/2}$	-	dB(A)

**REMARK :** <sup>1/1</sup> Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)<sup>1/2</sup> Notification of Ministry of the Industry B.E. 2548 (2005)<sup>1/3</sup> Start Time\* Parameter Outside The Scope of The Registration of The Department of Industrial Works  
(Measurement By Mr. Kamkit Kantason)

Approved By



(MS. THONGCHAI BOONSAK)

12/11/2024

บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

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Request No. LA67-R1116

Report No. R6711-0306

## TEST REPORT

CUSTOMER : AGC Vinythai Public Company Limited  
 ADDRESS : 202 Moo 1, Suksawasdi Rd., T. Parkklongbangplakod, A. Prasamutjedi, Samutprakarn 10290  
 SAMPLE SOURCE : Phra Pradaeng Factory 1  
 SAMPLE POINT : บริเวณขอบเขตรั้วด้านทิศตะวันตก  
 PARAMETER\* :  $L_{eq}$  1 hr.,  $L_{eq}$  24 hr.,  $L_{90}$  &  $L_{dn}$  SAMPLE NO. : 40896  
 DETERMINATION METHOD : ISO 1996-1:2016 MEASURING DATE : 25-26/10/2024  
 INSTRUMENT : Integrated Sound Level Meter RECEIVED DATE : 26/10/2024  
 S/N 00322753 : Class 2 REPORTED DATE : 12/11/2024

TIME \ DATE	25-26/10/2024 ( $L_{eq}$ )	25-26/10/2024 ( $L_{90}$ )	UNIT
10:00 - 11:00 <sup>1)</sup>	73.7	65.7	dB(A)
11:00 - 12:00	72.0	66.3	dB(A)
12:00 - 13:00	63.5	62.9	dB(A)
13:00 - 14:00	80.9	68.0	dB(A)
14:00 - 15:00	73.8	64.6	dB(A)
15:00 - 16:00	65.4	63.5	dB(A)
16:00 - 17:00	65.3	63.6	dB(A)
17:00 - 18:00	66.0	63.5	dB(A)
18:00 - 19:00	64.6	63.3	dB(A)
19:00 - 20:00	60.0	58.1	dB(A)
20:00 - 21:00	57.7	56.1	dB(A)
21:00 - 22:00	60.0	58.2	dB(A)
22:00 - 23:00	60.9	59.4	dB(A)
23:00 - 00:00	60.8	58.6	dB(A)
00:00 - 01:00	58.8	57.3	dB(A)
01:00 - 02:00	56.9	55.5	dB(A)
02:00 - 03:00	59.2	57.7	dB(A)
03:00 - 04:00	58.2	57.3	dB(A)
04:00 - 05:00	59.2	57.7	dB(A)
05:00 - 06:00	60.8	59.4	dB(A)
06:00 - 07:00	55.2	54.3	dB(A)
07:00 - 08:00	54.4	53.6	dB(A)
08:00 - 09:00	54.3	53.7	dB(A)
09:00 - 10:00	53.3	52.6	dB(A)
$L_{eq}$ 24 hr.	69.5	-	dB(A)
$L_{dn}$	70.7	-	dB(A)
Standard	$70^{1)}, 70^{2)}$	-	dB(A)

REMARK : <sup>1)</sup> Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)<sup>2)</sup> Notification of Ministry of the Industry B.E. 2548 (2005)<sup>3)</sup> Start Time\* Parameter Outside The Scope of The Registration of The Department of Industrial Works  
(Measurement By Mr. Kamkit Kantason)

บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By


 (MS. THONGCHAI BOONSAK)

12/11/2024

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ผลการทดสอบคุณภาพอากาศในบริเวณการทำงาน



Request No. ATR6707018

Report No. 6707-0301

## TEST REPORT

CUSTOMER : AGC Vinythai Public Co.,Ltd.  
ADDRESS : 202 Moo.1 Suksawasdi Rd.,T. Parkklongbangplakod , A. Prasamutjedi ,Samutprakarn 10290  
SAMPLE SOURCE : AGC Vinythai Public Co.,Ltd.  
SAMPLE NAME : Cell Room (M7-8)  
SAMPLING DATE : 02/07/2024 SAMPLE NO. : A67070301  
RECEIVED DATE : 04/07/2024 SAMPLING TIME : 09:25-10:25  
SAMPLING INSTRUMENT : Personal Pump Flow rate 0.50 L/min TESTED DATE : 04/07/2024-04/07/2024  
Serial No. 20200403072 REPORTED DATE : 08/07/2024

PARAMETER*	TEST METHOD	RESULT	STD <sup>1/</sup>	UNIT
Chlorine (Cl <sub>2</sub> )	Ion Chromatography Method (OSHA ID 202)	1.597	3	mg/m <sup>3</sup>
		0.551	1	ppm

## REMARK:

<sup>1/</sup> Notification of The Department of Labour Protection and Welfare B.E.2560 (2017), Concentration Limits of Hazardous Chemicals.

\* Parameter have License Registration of Department of Labour Protection and Welfare No.0201-03-2564-0008 and

No.0202-03-2564-0005.

(Sampling By Mr. Witchawan Singto)

Examined By

(Miss Thanatporn Klinsoon)

08/07/2024



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By

(Mr. Kawee Suthasub)

08/07/2024

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Request No. ATR6707018

Report No. 6707-0302

## TEST REPORT

CUSTOMER : AGC Vinythai Public Co.,Ltd.  
ADDRESS : 202 Moo.1 Suksawasdi Rd.,T. Parkklongbangplakod , A. Prasamutjedi ,Samutprakarn 10290  
SAMPLE SOURCE : AGC Vinythai Public Co.,Ltd.  
SAMPLE NAME : Cell Room (M9)  
SAMPLING DATE : 02/07/2024 SAMPLE NO. : A67070302  
RECEIVED DATE : 04/07/2024 SAMPLING TIME : 09:25-10:25  
SAMPLING INSTRUMENT : Personal Pump Flow rate 0.50 L/min TESTED DATE : 04/07/2024-04/07/2024  
Serial No. 20200403064 REPORTED DATE : 08/07/2024

PARAMETER*	TEST METHOD	RESULT	STD <sup>1</sup>	UNIT
Chlorine (Cl <sub>2</sub> )	Ion Chromatography Method (OSHA ID 202)	1.628	3	mg/m <sup>3</sup>
		0.561	1	ppm

## REMARK:

<sup>1</sup> Notification of The Department of Labour Protection and Welfare B.E.2560 (2017), Concentration Limits of Hazardous Chemicals.

\* Parameter have License Registration of Department of Labour Protection and Welfare No.0201-03-2564-0008 and

No.0202-03-2564-0005.

(Sampling By Mr. Witchawan Singto)

Examined By

(Miss Thanatporn Klinsoon)

08/07/2024



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By

(Mr. Kawee Suthasub)

08/07/2024

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Request No. ATR6708015

Report No. 6708-0194

## TEST REPORT

CUSTOMER : AGC Vinythai Public Co.,Ltd.  
ADDRESS : 202 Moo.1 Suksawasdi Rd.,T. Parkklongbangplakod , A. Prasamutjedi ,Samutprakarn 10290  
SAMPLE SOURCE : AGC Vinythai Public Co.,Ltd.  
SAMPLE NAME : Cell Room (M7-8)  
SAMPLING DATE : 06/08/2024 SAMPLE NO. : A67080194  
RECEIVED DATE : 09/08/2024 SAMPLING TIME : 10:20-11:20  
SAMPLING INSTRUMENT : Personal Pump Flow rate 0.50 L/min, TESTED DATE : 09/08/2024-10/08/2024  
Serial No. 20180903083 REPORTED DATE : 16/08/2024

PARAMETER*	TEST METHOD	RESULT	STD <sup>/1</sup>	UNIT
Chlorine (Cl2)	Ion Chromatography Method (OSHA ID 202)	0.336	3	mg/m <sup>3</sup>
		0.116	1	ppm

**REMARK:**<sup>/1</sup> Notification of The Department of Labour Protection and Welfare B.E.2560 (2017), Concentration Limits of Hazardous Chemicals.\* Parameter have License Registration of Department of Labour Protection and Welfare No.0201-03-2564-0008 and  
No.0202-03-2564-0005.

(Sampling By Mr. Aocha Khwansirimongkon)

Examined By

(Miss Thanatporn Klinsoyon)

16/08/2024



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By

(Mr. Kawee Suthasub)

16/08/2024

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Request No. ATR6708015

Report No. 6708-0195

## TEST REPORT

CUSTOMER : AGC Vinythai Public Co.,Ltd.  
ADDRESS : 202 Moo.1 Suksawasdi Rd.,T. Parkklongbangplakod , A. Prasamutjedi ,Samutprakarn 10290  
SAMPLE SOURCE : AGC Vinythai Public Co.,Ltd.  
SAMPLE NAME : Cell Room (M9)  
SAMPLING DATE : 06/08/2024 SAMPLE NO. : A67080195  
RECEIVED DATE : 09/08/2024 SAMPLING TIME : 10:20-11:20  
SAMPLING INSTRUMENT : Personal Pump Flow rate 0.50 L/min TESTED DATE : 09/08/2024-10/08/2024  
Serial No. 20180903085 REPORTED DATE : 16/08/2024

PARAMETER*	TEST METHOD	RESULT	STD <sup>/1</sup>	UNIT
Chlorine (Cl <sub>2</sub> )	Ion Chromatography Method (OSHA ID 202)	0.092	3	mg/m <sup>3</sup>
		0.032	1	ppm

## REMARK:

<sup>/1</sup> Notification of The Department of Labour Protection and Welfare B.E.2560 (2017), Concentration Limits of Hazardous Chemicals.

\* Parameter have License Registration of Department of Labour Protection and Welfare No.0201-03-2564-0008 and

No.0202-03-2564-0005.

(Sampling By Mr. Aocha Khwansirimongkon)

Examined By

(Miss Thanatporn Klinsoon)

16/08/2024



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By

(Mr. Kawee Suthasub)

16/08/2024

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Request No. ATR6709013

Report No. 6709-0123

## TEST REPORT

CUSTOMER : AGC Vinythai Public Co.,Ltd.  
ADDRESS : 202 Moo.1 Suksawasdi Rd.,T. Parkklongbangplakod , A. Prasamutjedi ,Samutprakarn 10290  
SAMPLE SOURCE : AGC Vinythai Public Co.,Ltd.  
SAMPLE NAME : Cell Room (M7-8)  
SAMPLING DATE : 06/09/2024 SAMPLE NO. : A67090123  
RECEIVED DATE : 09/09/2024 SAMPLING TIME : 09:55-10:55  
SAMPLING INSTRUMENT : Personal Pump Flow rate 0.50 L/min TESTED DATE : 09/09/2024-10/09/2024  
Serial No. 20150302003 REPORTED DATE : 11/09/2024

PARAMETER*	TEST METHOD	RESULT	STD <sup>/1</sup>	UNIT
Chlorine (Cl2)	Ion Chromatography Method (OSHA ID 202)	0.545	3	mg/m <sup>3</sup>
		0.188	1	ppm

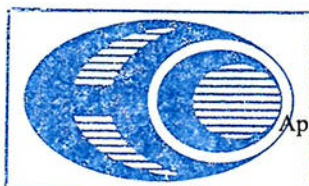
**REMARK:**<sup>/1</sup> Notification of The Department of Labour Protection and Welfare B.E.2560 (2017), Concentration Limits of Hazardous Chemicals.\* Parameter have License Registration of Department of Labour Protection and Welfare No.0201-03-2564-0008 and  
No.0202-03-2564-0005.

(Sampling By Mr. Aocha Khwansirimongkon)

Examined By .....

(Miss Thanatporn Klinsopon)

11/09/2024



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Approved By .....

(Mr. Kawee Suthasub)

11/09/2024

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Request No. ATR6709013

Report No. 6709-0124

## TEST REPORT

CUSTOMER : AGC Vinythai Public Co.,Ltd.  
ADDRESS : 202 Moo.1 Suksawasdi Rd.,T. Parkklongbangplakod , A. Prasamutjedi ,Samutprakarn 10290  
SAMPLE SOURCE : AGC Vinythai Public Co.,Ltd.  
SAMPLE NAME : Cell Room (M9)  
SAMPLING DATE : 06/09/2024 SAMPLE NO. : A67090124  
RECEIVED DATE : 09/09/2024 SAMPLING TIME : 09:55-10:55  
SAMPLING INSTRUMENT : Personal Pump Flow rate 0.50 L/min TESTED DATE : 09/09/2024-10/09/2024  
Serial No. 20200403065 REPORTED DATE : 11/09/2024

PARAMETER*	TEST METHOD	RESULT	STD <sup>1</sup>	UNIT
Chlorine (Cl <sub>2</sub> )	Ion Chromatography Method (OSHA ID 202)	0.196	3	mg/m <sup>3</sup>
		0.068	1	ppm

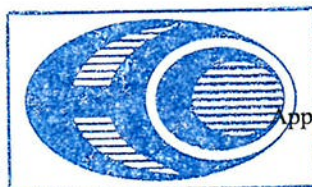
**REMARK:**<sup>1</sup> Notification of The Department of Labour Protection and Welfare B.E.2560 (2017), Concentration Limits of Hazardous Chemicals.\* Parameter have License Registration of Department of Labour Protection and Welfare No.0201-03-2564-0008 and  
No.0202-03-2564-0005.

(Sampling By Mr. Aocha Khwansirimongkon)

Examined By

(Miss Thanatporn Klinsopon)

11/09/2024



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By

(Mr. Kawee Suthasub)

11/09/2024

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Request No. ATR6710016

Report No. 6710-0320

## TEST REPORT

CUSTOMER : AGC Vinythai Public Co.,Ltd.  
ADDRESS : 202 Moo.1 Suksawasdi Rd.,T. Parkklongbangplakod , A. Prasamutjedi ,Samutprakarn 10290  
SAMPLE SOURCE : AGC Vinythai Public Co.,Ltd.  
SAMPLE NAME : Cell Room (M7-8)  
SAMPLING DATE : 04/10/2024 SAMPLE NO. : A67100320  
RECEIVED DATE : 08/10/2024 SAMPLING TIME : 10:15-11:15  
SAMPLING INSTRUMENT : Personal Pump Flow rate 0.50 L/min TESTED DATE : 08/10/2024-08/10/2024  
Serial No. 20200403078 REPORTED DATE : 10/10/2024

PARAMETER*	TEST METHOD	RESULT	STD <sup>/1</sup>	UNIT
Chlorine (Cl2)	Ion Chromatography Method (OSHA ID 202)	1.513	3	mg/m <sup>3</sup>
		0.522	1	ppm

**REMARK:**<sup>/1</sup> Notification of The Department of Labour Protection and Welfare B.E.2560 (2017), Concentration Limits of Hazardous Chemicals.\* Parameter have License Registration of Department of Labour Protection and Welfare No.0201-03-2564-0008 and  
No.0202-03-2564-0005.

(Sampling By Mr. Witchawan Singto)

Examined By

(Miss Thanatporn Klinsopon)

10/10/2024



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By

(Mr. Kawee Suthasub)

10/10/2024

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Request No. ATR6710016

Report No. 6710-0321

## TEST REPORT

CUSTOMER : AGC Vinythai Public Co.,Ltd.  
ADDRESS : 202 Moo.1 Suksawasdi Rd.,T. Parkklongbangplakod , A. Prasamutjedi ,Samutprakarn 10290  
SAMPLE SOURCE : AGC Vinythai Public Co.,Ltd.  
SAMPLE NAME : Cell Room (M9)  
SAMPLING DATE : 04/10/2024 SAMPLE NO. : A67100321  
RECEIVED DATE : 08/10/2024 SAMPLING TIME : 10:17-11:17  
SAMPLING INSTRUMENT : Personal Pump Flow rate 0.50 L/min TESTED DATE : 08/10/2024-08/10/2024  
Serial No. 20200403079 REPORTED DATE : 10/10/2024

PARAMETER*	TEST METHOD	RESULT	STD <sup>/1</sup>	UNIT
Chlorine (Cl2)	Ion Chromatography Method (OSHA ID 202)	1.176	3	mg/m <sup>3</sup>
		0.406	1	ppm

## REMARK:

<sup>/1</sup> Notification of The Department of Labour Protection and Welfare B.E.2560 (2017), Concentration Limits of Hazardous Chemicals.\* Parameter have License Registration of Department of Labour Protection and Welfare No.0201-03-2564-0008 and  
No.0202-03-2564-0005.

(Sampling By Mr. Witchawan Singto)

Examined By .....

(Miss Thanatporn Klinsopon)

10/10/2024



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By .....

(Mr. Kawee Suthasub)

10/10/2024

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Request No. ATR6711017

Report No. 6711-0192

## TEST REPORT

CUSTOMER : AGC Vinythai Public Co.,Ltd.  
ADDRESS : 202 Moo.1 Suksawasdi Rd.,T. Parkklongbangplakod , A. Prasamutjedi ,Samutprakarn 10290  
SAMPLE SOURCE : AGC Vinythai Public Co.,Ltd.  
SAMPLE NAME : Cell Room (M7,8)  
SAMPLING DATE : 01/11/2024 SAMPLE NO. : A67110192  
RECEIVED DATE : 07/11/2024 SAMPLING TIME : 10:00-11:00  
SAMPLING INSTRUMENT : Personal Pump Flow rate 0.50 L/min TESTED DATE : 07/11/2024-09/11/2024  
Serial No. 218403 REPORTED DATE : 11/11/2024

PARAMETER*	TEST METHOD	RESULT	STD <sup>/1</sup>	UNIT
Chlorine (Cl <sub>2</sub> )	Ion Chromatography Method (OSHA ID 202)	0.934	3	mg/m <sup>3</sup>
		0.322	1	ppm

**REMARK:**<sup>/1</sup> Notification of The Department of Labour Protection and Welfare B.E.2560 (2017), Concentration Limits of Hazardous Chemicals.\* Parameter have License Registration of Department of Labour Protection and Welfare No.0201-03-2564-0008 and  
No.0202-03-2564-0005.

(Sampling By Mr. Aocha Khwansirimongkon)

Examined By

Thongchai Boonsak

(Mr. Thongchai Boonsak)

11/11/2024



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By



(Mr. Kawee Suthasub)

11/11/2024

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Request No. ATR6711017

Report No. 6711-0193

## TEST REPORT

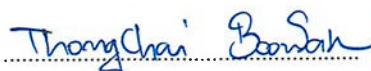
CUSTOMER : AGC Vinythai Public Co.,Ltd.  
ADDRESS : 202 Moo.1 Suksawasdi Rd.,T. Parkklongbangplakod , A. Prasamutjedi ,Samutprakarn 10290  
SAMPLE SOURCE : AGC Vinythai Public Co.,Ltd.  
SAMPLE NAME : Cell Room (M9)  
SAMPLING DATE : 01/11/2024 SAMPLE NO. : A67110193  
RECEIVED DATE : 07/11/2024 SAMPLING TIME : 10:05-11:05  
SAMPLING INSTRUMENT : Personal Pump Flow rate 0.50 L/min TESTED DATE : 07/11/2024-09/11/2024  
Serial No. 218408 REPORTED DATE : 11/11/2024

PARAMETER*	TEST METHOD	RESULT	STD <sup>/1</sup>	UNIT
Chlorine (Cl <sub>2</sub> )	Ion Chromatography Method (OSHA ID 202)	2.536	3	mg/m <sup>3</sup>
		0.875	1	ppm

**REMARK:**<sup>/1</sup> Notification of The Department of Labour Protection and Welfare B.E.2560 (2017), Concentration Limits of Hazardous Chemicals.\* Parameter have License Registration of Department of Labour Protection and Welfare No.0201-03-2564-0008 and  
No.0202-03-2564-0005.

(Sampling By Mr. Aocha Khwansirimongkon)

Examined By .....



(Mr. Thongchai Boonsak)

11/11/2024



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Approved By .....



(Mr. Kawee Suthasub)

11/11/2024

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Request No. ATR6712023

Report No. 6712-0372

## TEST REPORT

CUSTOMER : AGC Vinythai Public Co.,Ltd.  
ADDRESS : 202 Moo.1 Suksawasdi Rd.,T. Parkklongbangplakod , A. Prasamutjedi ,Samutprakarn 10290  
SAMPLE SOURCE : AGC Vinythai Public Co.,Ltd.  
SAMPLE NAME : Cell Room (M7,8)  
SAMPLING DATE : 03/12/2024 SAMPLE NO. : A67120372  
RECEIVED DATE : 09/12/2024 SAMPLING TIME : 09:55-10:55  
SAMPLING INSTRUMENT : Personal Pump Flow rate 0.50 L/min TESTED DATE : 09/12/2024-10/12/2024  
Serial No. 20100401022 REPORTED DATE : 11/12/2024

PARAMETER*	TEST METHOD	RESULT	STD <sup>1</sup>	UNIT
Chlorine (Cl <sub>2</sub> )	Ion Chromatography Method (OSHA ID 202)	0.429	3	mg/m <sup>3</sup>
		0.148	1	ppm

**REMARK:**<sup>1</sup> Notification of The Department of Labour Protection and Welfare B.E.2560 (2017), Concentration Limits of Hazardous Chemicals.\* Parameter have License Registration of Department of Labour Protection and Welfare No.0201-03-2564-0008 and  
No.0202-03-2564-0005.

(Sampling By Mr. Suttha Songthaninai)

Examined By .....

(Miss Thanaporn Klinsohon)

11/12/2024



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Approved By .....

(Mr. Kawee Suthasub)

11/12/2024

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Request No. ATR6712023

Report No. 6712-0373

## TEST REPORT

CUSTOMER : AGC Vinythai Public Co.,Ltd.  
ADDRESS : 202 Moo.1 Suksawasdi Rd.,T. Parkklongbangplakod , A. Prasamutjedi ,Samutprakarn 10290  
SAMPLE SOURCE : AGC Vinythai Public Co.,Ltd.  
SAMPLE NAME : Cell Room (M9)  
SAMPLING DATE : 03/12/2024 SAMPLE NO. : A67120373  
RECEIVED DATE : 09/12/2024 SAMPLING TIME : 09:50-10:50  
SAMPLING INSTRUMENT : Personal Pump Flow rate 0.50 L/min TESTED DATE : 09/12/2024-10/12/2024  
Serial No. 20180903084 REPORTED DATE : 11/12/2024

PARAMETER*	TEST METHOD	RESULT	STD <sup>1</sup>	UNIT
Chlorine (Cl <sub>2</sub> )	Ion Chromatography Method (OSHA ID 202)	0.982	3	mg/m <sup>3</sup>
		0.339	1	ppm

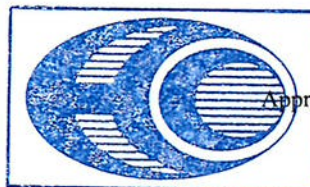
**REMARK:**<sup>1</sup> Notification of The Department of Labour Protection and Welfare B.E.2560 (2017), Concentration Limits of Hazardous Chemicals.\* Parameter have License Registration of Department of Labour Protection and Welfare No.0201-03-2564-0008 and  
No.0202-03-2564-0005.

(Sampling By Mr. Suttha Songthaninai)

Examined By .....

(Miss Thanatporn Klinsopon)

11/12/2024



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Approved By .....

(Mr. Kawee Suthasub)

11/12/2024

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ผลการตรวจวัดระดับเสียงในบริเวณการทำงาน



**TEST REPORT**

CUSTOMER : AGC Vinythai Public Company Limited\*\*\*  
ADDRESS : 202 Moo 1, Suksawadi Rd., T. Parkklongbangplakod, A. Prasamutjedi, Samutprakarn 10290\*\*\*  
SAMPLE SOURCE : Phra Pradaeng Factory 1\*\*\*  
SAMPLE POINT : หน่วยเพิ่มความเข้มข้น NaOH\*\*\*  
PARAMETER\*\*\*\* :  $L_{eq}$  1 hr. &  $L_{eq}$  8 hr. SAMPLE NO. : 21515  
DETERMINATION METHOD : ISO 11202:2010## MEASURING DATE : 02/07/2024  
INSTRUMENT : Integrated Sound Level Meter RECEIVED DATE : 02/07/2024  
S/N 00209079 : Class 2 REPORTED DATE : 08/07/2024

MEASURING TIME	RESULT <sup>1</sup>	RESULT <sup>2</sup>	UNIT
09:00 - 10:00	78	78	dB(A)
10:00 - 11:00	78	78	dB(A)
11:00 - 12:00	79	79	dB(A)
12:00 - 13:00	78	78	dB(A)
13:00 - 14:00	78	78	dB(A)
14:00 - 15:00	79	79	dB(A)
15:00 - 16:00	79	79	dB(A)
16:00 - 17:00	78	78	dB(A)
$L_{eq}$ 8 hr. (TWA)	78*	78**	dB(A)
Standard	85 <sup>1</sup>	90 <sup>2</sup>	dB(A)

**REMARK :** ## ISO 11202:2010, Notification of The Ministry of Industry B.E. 2546 (2003) on The Safety Protection Measures in Factory Regarding Working Area Environment, Dated November 6, 2003, Notification of The Department of Labour Protection and Welfare on The Standard of Noise Level That Employees are Allowed to Receive in Average Period of Work Each Day, Dated December 13, 2017, Notification of The Department of Labour Protection and Welfare on Criteria, Measurement Methods, and Analysis of Working Conditions Regarding Heat, Light, or Noise Levels, Including Duration and Types of Businesses to Be Performed, Dated February 8, 2018

<sup>1</sup> Notification of The Department of Labour Protection and Welfare B.E. 2561 (2018)

(Published in the Government Gazette on January 26, 2018)

<sup>2</sup> Notification of The Ministry of Industry B.E. 2546 (2003)

\* Based on Criteria 85 dB(A); 3 dB Exchange Rate

\*\* Based on Criteria 90 dB(A); 5 dB Exchange Rate

\*\*\* These Data are Non Laboratory Data

\*\*\*\* Parameter have License Registration of Department of Labour Protection and Welfare No. 0403-03-2564-0009

(Ms. Thanaporn Klinsoon is Section Head / Mrs. Wanpen Lhaochindawat is Technical Management)

(Measurement By Ms. Onanong Leewongsak)



Approved By

  
(MRS. WANPEN LHAOCHINDAWAT)

08/07/2024

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**TEST REPORT**

CUSTOMER : AGC Vinythai Public Company Limited\*\*\*  
ADDRESS : 202 Moo 1, Suksawasdi Rd., T. Parkklongbangplakod, A. Prasamutjedi, Samutprakarn 10290\*\*\*  
SAMPLE SOURCE : Phra Pradaeng Factory 1\*\*\*  
SAMPLE POINT : หน่วยเพิ่มความเข้มข้น NaOH\*\*\*  
PARAMETER\*\*\*\* :  $L_{eq}$  1 hr. &  $L_{eq}$  8 hr. SAMPLE NO. : 40631  
DETERMINATION METHOD : ISO 11202:2010## MEASURING DATE : 21/10/2024  
INSTRUMENT : Integrated Sound Level Meter RECEIVED DATE : 21/10/2024  
S/N 00222594 : Class 2 REPORTED DATE : 08/11/2024

MEASURING TIME	RESULT <sup>/1</sup>	RESULT <sup>/2</sup>	UNIT
09:00 - 10:00	79	79	dB(A)
10:00 - 11:00	78	78	dB(A)
11:00 - 12:00	78	78	dB(A)
12:00 - 13:00	78	78	dB(A)
13:00 - 14:00	79	79	dB(A)
14:00 - 15:00	78	78	dB(A)
15:00 - 16:00	78	78	dB(A)
16:00 - 17:00	78	78	dB(A)
$L_{eq}$ 8 hr. (TWA)	78*	78**	dB(A)
Standard	85 <sup>/1</sup>	90 <sup>/2</sup>	dB(A)

**REMARK :** ## ISO 11202:2010, Notification of The Ministry of Industry B.E. 2546 (2003) on The Safety Protection Measures in Factory Regarding Working Area Environment, Dated November 6, 2003, Notification of The Department of Labour Protection and Welfare on The Standard of Noise Level That Employees are Allowed to Receive in Average Period of Work Each Day, Dated December 13, 2017, Notification of The Department of Labour Protection and Welfare on Criteria, Measurement Methods, and Analysis of Working Conditions Regarding Heat, Light, or Noise Levels, Including Duration and Types of Businesses to Be Performed, Dated February 8, 2018

<sup>/1</sup> Notification of The Department of Labour Protection and Welfare B.E. 2561 (2018)

(Published in the Government Gazette on January 26, 2018)

<sup>/2</sup> Notification of The Ministry of Industry B.E. 2546 (2003)

\* Based on Criteria 85 dB(A); 3 dB Exchange Rate

\*\* Based on Criteria 90 dB(A); 5 dB Exchange Rate

\*\*\* These Data are Non Laboratory Data

\*\*\*\* Parameter have License Registration of Department of Labour Protection and Welfare No. 0403-03-2564-0009

(Ms. Thanatporn Klinsoopon is Section Head / Mrs. Wangwan Chuen-arom is Technical Management)

(Measurement By Ms. Onanong Leewongsak)



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Approved By .....



(MS. APIRADEE CHUEN-AROM)

08/11/2024

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**TEST REPORT**

CUSTOMER : AGC Vinythai Public Company Limited\*\*\*  
ADDRESS : 202 Moo 1, Suksawasdi Rd., T. Parkklongbangplakod, A. Prasamutjedi, Samutprakarn 10290\*\*\*  
SAMPLE SOURCE : Phra Pradaeng Factory 1\*\*\*  
SAMPLE POINT : หน่วยผลิตกรดไฮโดรคลอริก\*\*\*  
PARAMETER\*\*\*\* :  $L_{eq}$  1 hr. &  $L_{eq}$  8 hr. SAMPLE NO. : 21512  
DETERMINATION METHOD : ISO 11202:2010## MEASURING DATE : 02/07/2024  
INSTRUMENT : Integrated Sound Level Meter RECEIVED DATE : 02/07/2024  
S/N 00443358 : Class 2 REPORTED DATE : 08/07/2024

MEASURING TIME	RESULT <sup>1</sup>	RESULT <sup>2</sup>	UNIT
09:15 - 10:15	75	75	dB(A)
10:15 - 11:15	75	75	dB(A)
11:15 - 12:15	74	74	dB(A)
12:15 - 13:15	74	74	dB(A)
13:15 - 14:15	75	75	dB(A)
14:15 - 15:15	74	74	dB(A)
15:15 - 16:15	75	75	dB(A)
16:15 - 17:15	75	75	dB(A)
$L_{eq}$ 8 hr. (TWA)	74*	74**	dB(A)
Standard	85 <sup>1</sup>	90 <sup>2</sup>	dB(A)

**REMARK :** ## ISO 11202:2010, Notification of The Ministry of Industry B.E. 2546 (2003) on The Safety Protection Measures in Factory Regarding Working Area Environment, Dated November 6, 2003, Notification of The Department of Labour Protection and Welfare on The Standard of Noise Level That Employees are Allowed to Receive in Average Period of Work Each Day, Dated December 13, 2017, Notification of The Department of Labour Protection and Welfare on Criteria, Measurement Methods, and Analysis of Working Conditions Regarding Heat, Light, or Noise Levels, Including Duration and Types of Businesses to Be Performed, Dated February 8, 2018

<sup>1</sup> Notification of The Department of Labour Protection and Welfare B.E. 2561 (2018)

(Published in the Government Gazette on January 26, 2018)

<sup>2</sup> Notification of The Ministry of Industry B.E. 2546 (2003)

\* Based on Criteria 85 dB(A); 3 dB Exchange Rate

\*\* Based on Criteria 90 dB(A); 5 dB Exchange Rate

\*\*\* These Data are Non Laboratory Data

\*\*\*\* Parameter have License Registration of Department of Labour Protection and Welfare No. 0403-03-2564-0009

(Ms. Thanatporn Klinsopon is Section Head / Mrs. Wanpen Lhaochindawat is Technical Management)

(Measurement By Ms. Onanong Leewongsak)



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Approved By

(MRS. WANPEN LHAOCHINDAWAT)

08/07/2024

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**TEST REPORT**

CUSTOMER : AGC Vinythai Public Company Limited\*\*\*  
ADDRESS : 202 Moo 1, Suksawasdi Rd., T. Parkklongbangplakod, A. Prasamutjedi, Samutprakarn 10290\*\*\*  
SAMPLE SOURCE : Phra Pradaeng Factory I\*\*\*  
SAMPLE POINT : หน่วยผลิตกรดไฮโดรคลอริก\*\*\*  
PARAMETER\*\*\*\* :  $L_{eq}$  1 hr. &  $L_{eq}$  8 hr. SAMPLE NO. : 40632  
DETERMINATION METHOD : ISO 11202:2010## MEASURING DATE : 21/10/2024  
INSTRUMENT : Integrated Sound Level Meter RECEIVED DATE : 21/10/2024  
S/N 00322750 : Class 2 REPORTED DATE : 08/11/2024

MEASURING TIME	RESULT <sup>1</sup>	RESULT <sup>2</sup>	UNIT
09:00 - 10:00	74	74	dB(A)
10:00 - 11:00	73	73	dB(A)
11:00 - 12:00	73	73	dB(A)
12:00 - 13:00	73	73	dB(A)
13:00 - 14:00	73	73	dB(A)
14:00 - 15:00	73	73	dB(A)
15:00 - 16:00	73	73	dB(A)
16:00 - 17:00	74	74	dB(A)
$L_{eq}$ 8 hr. (TWA)	73*	73**	dB(A)
Standard	85 <sup>1</sup>	90 <sup>2</sup>	dB(A)

**REMARK :** ## ISO 11202:2010, Notification of The Ministry of Industry B.E. 2546 (2003) on The Safety Protection Measures in Factory Regarding Working Area Environment, Dated November 6, 2003, Notification of The Department of Labour Protection and Welfare on The Standard of Noise Level That Employees are Allowed to Receive in Average Period of Work Each Day, Dated December 13, 2017, Notification of The Department of Labour Protection and Welfare on Criteria, Measurement Methods, and Analysis of Working Conditions Regarding Heat, Light, or Noise Levels, Including Duration and Types of Businesses to Be Performed, Dated February 8, 2018

<sup>1</sup> Notification of The Department of Labour Protection and Welfare B.E. 2561 (2018)

(Published in the Government Gazette on January 26, 2018)

<sup>2</sup> Notification of The Ministry of Industry B.E. 2546 (2003)

\* Based on Criteria 85 dB(A); 3 dB Exchange Rate

\*\* Based on Criteria 90 dB(A); 5 dB Exchange Rate

\*\*\* These Data are Non Laboratory Data

\*\*\*\* Parameter have License Registration of Department of Labour Protection and Welfare No. 0403-03-2564-0009

(Ms. Thanatporn Klinsoon is Section Head / Mrs. Wasan Chuen-arom is Technical Management)

(Measurement By Ms. Onanong Leewongsak)



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Approved By .....



(MS. APIRADEE CHUEN-AROM)

08/11/2024

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**TEST REPORT**

CUSTOMER : AGC Vinythai Public Company Limited\*\*\*  
ADDRESS : 202 Moo 1, Suksawasdi Rd., T. Parkklongbangplakod, A. Prasamutjedi, Samutprakarn 10290\*\*\*  
SAMPLE SOURCE : Phra Pradaeng Factory 1\*\*\*  
SAMPLE POINT : หน่วยผลิตคลอรีนเหลว\*\*\*  
PARAMETER\*\*\*\* :  $L_{eq}$  1 hr. &  $L_{eq}$  8 hr. SAMPLE NO. : 21513  
DETERMINATION METHOD : ISO 11202:2010## MEASURING DATE : 02/07/2024  
INSTRUMENT : Integrated Sound Level Meter RECEIVED DATE : 02/07/2024  
S/N 00209071 : Class 2 REPORTED DATE : 08/07/2024

MEASURING TIME	RESULT <sup>1</sup>	RESULT <sup>2</sup>	UNIT
09:05 - 10:05	78	78	dB(A)
10:05 - 11:05	78	78	dB(A)
11:05 - 12:05	77	77	dB(A)
12:05 - 13:05	72	72	dB(A)
13:05 - 14:05	78	78	dB(A)
14:05 - 15:05	79	79	dB(A)
15:05 - 16:05	75	75	dB(A)
16:05 - 17:05	78	78	dB(A)
$L_{eq}$ 8 hr. (TWA)	77*	77**	dB(A)
Standard	85 <sup>1</sup>	90 <sup>2</sup>	dB(A)

**REMARK :** ## ISO 11202:2010, Notification of The Ministry of Industry B.E. 2546 (2003) on The Safety Protection Measures in Factory Regarding Working Area Environment, Dated November 6, 2003, Notification of The Department of Labour Protection and Welfare on The Standard of Noise Level That Employees are Allowed to Receive in Average Period of Work Each Day, Dated December 13, 2017, Notification of The Department of Labour Protection and Welfare on Criteria, Measurement Methods, and Analysis of Working Conditions Regarding Heat, Light, or Noise Levels, Including Duration and Types of Businesses to Be Performed, Dated February 8, 2018

<sup>1</sup> Notification of The Department of Labour Protection and Welfare B.E. 2561 (2018)

(Published in the Government Gazette on January 26, 2018)

<sup>2</sup> Notification of The Ministry of Industry B.E. 2546 (2003)

\* Based on Criteria 85 dB(A); 3 dB Exchange Rate

\*\* Based on Criteria 90 dB(A); 5 dB Exchange Rate

\*\*\* These Data are Non Laboratory Data

\*\*\*\* Parameter have License Registration of Department of Labour Protection and Welfare No. 0403-03-2564-0009

(Ms. Thanaporn Klinsoon is Section Head / Mrs. Wanpen Lhaochindawat is Technical Management)

(Measurement By Ms. Onanong Lcewongsak)



Approved By .....

(MRS. WAPEN LHAOCHINDAWAT)

08/07/2024

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**TEST REPORT**

CUSTOMER : AGC Vinythai Public Company Limited\*\*\*  
ADDRESS : 202 Moo 1, Suksawasdi Rd., T. Parkklongbangplakod, A. Prasamutjedi, Samutprakarn 10290\*\*\*  
SAMPLE SOURCE : Phra Pradaeng Factory 1\*\*\*  
SAMPLE POINT : หน่วยผลิตคลอรีนเหลว\*\*\*  
PARAMETER\*\*\*\* :  $L_{eq}$  1 hr. &  $L_{eq}$  8 hr. SAMPLE NO. : 40630  
DETERMINATION METHOD : ISO 11202:2010## MEASURING DATE : 21/10/2024  
INSTRUMENT : Integrated Sound Level Meter RECEIVED DATE : 21/10/2024  
S/N 00322748 : Class 2 REPORTED DATE : 08/11/2024

MEASURING TIME	RESULT <sup>/1</sup>	RESULT <sup>/2</sup>	UNIT
09:00 - 10:00	76	76	dB(A)
10:00 - 11:00	73	73	dB(A)
11:00 - 12:00	71	71	dB(A)
12:00 - 13:00	75	75	dB(A)
13:00 - 14:00	76	76	dB(A)
14:00 - 15:00	75	75	dB(A)
15:00 - 16:00	74	74	dB(A)
16:00 - 17:00	74	74	dB(A)
$L_{eq}$ 8 hr. (TWA)	74*	74**	dB(A)
Standard	85 <sup>/1</sup>	90 <sup>/2</sup>	dB(A)

**REMARK :** ## ISO 11202:2010, Notification of The Ministry of Industry B.E. 2546 (2003) on The Safety Protection Measures in Factory Regarding Working Area Environment, Dated November 6, 2003, Notification of The Department of Labour Protection and Welfare on The Standard of Noise Level That Employees are Allowed to Receive in Average Period of Work Each Day, Dated December 13, 2017, Notification of The Department of Labour Protection and Welfare on Criteria, Measurement Methods, and Analysis of Working Conditions Regarding Heat, Light, or Noise Levels, Including Duration and Types of Businesses to Be Performed, Dated February 8, 2018

<sup>/1</sup> Notification of The Department of Labour Protection and Welfare B.E. 2561 (2018)

(Published in the Government Gazette on January 26, 2018)

<sup>/2</sup> Notification of The Ministry of Industry B.E. 2546 (2003)

\* Based on Criteria 85 dB(A); 3 dB Exchange Rate

\*\* Based on Criteria 90 dB(A); 5 dB Exchange Rate

\*\*\* These Data are Non Laboratory Data

\*\*\*\* Parameter have License Registration of Department of Labour Protection and Welfare No. 0403-03-2564-0009

(Ms. Thanatporn Klinsoopon is Section Head / Mrs. Wanpen Chuen-arom is Technical Management)

(Measurement By Ms. Onanong Leewongsak)



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Approved By



(MS. APIRADEE CHUEN-AROM)

08/11/2024

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**TEST REPORT**

CUSTOMER : AGC Vinythai Public Company Limited\*\*\*  
ADDRESS : 202 Moo 1, Suksawasdi Rd., T. Parkklongbangplakod, A. Prasamutjedi, Samutprakarn 10290\*\*\*  
SAMPLE SOURCE : Phra Pradaeng Factory 1\*\*\*  
SAMPLE POINT : หน่วยผลิต MTA - 7\*\*\*  
PARAMETER\*\*\*\* :  $L_{eq}$  1 hr. &  $L_{eq}$  8 hr. SAMPLE NO. : 21514  
DETERMINATION METHOD : ISO 11202:2010## MEASURING DATE : 02/07/2024  
INSTRUMENT : Integrated Sound Level Meter RECEIVED DATE : 02/07/2024  
S/N 00322753 : Class 2 REPORTED DATE : 08/07/2024

MEASURING TIME	RESULT <sup>1</sup>	RESULT <sup>2</sup>	UNIT
09:20 - 10:20	78	78	dB(A)
10:20 - 11:20	78	78	dB(A)
11:20 - 12:20	78	78	dB(A)
12:20 - 13:20	78	78	dB(A)
13:20 - 14:20	77	77	dB(A)
14:20 - 15:20	78	78	dB(A)
15:20 - 16:20	78	78	dB(A)
16:20 - 17:20	77	77	dB(A)
$L_{eq}$ 8 hr. (TWA)	77*	77**	dB(A)
Standard	85 <sup>1</sup>	90 <sup>2</sup>	dB(A)

**REMARK :** ## ISO 11202:2010, Notification of The Ministry of Industry B.E. 2546 (2003) on The Safety Protection Measures in Factory Regarding Working Area Environment, Dated November 6, 2003, Notification of The Department of Labour Protection and Welfare on The Standard of Noise Level That Employees are Allowed to Receive in Average Period of Work Each Day, Dated December 13, 2017, Notification of The Department of Labour Protection and Welfare on Criteria, Measurement Methods, and Analysis of Working Conditions Regarding Heat, Light, or Noise Levels, Including Duration and Types of Businesses to Be Performed, Dated February 8, 2018

<sup>1</sup> Notification of The Department of Labour Protection and Welfare B.E. 2561 (2018)

(Published in the Government Gazette on January 26, 2018)

<sup>2</sup> Notification of The Ministry of Industry B.E. 2546 (2003)

\* Based on Criteria 85 dB(A); 3 dB Exchange Rate

\*\* Based on Criteria 90 dB(A); 5 dB Exchange Rate

\*\*\* These Data are Non Laboratory Data

\*\*\*\* Parameter have License Registration of Department of Labour Protection and Welfare No. 0403-03-2564-0009

(Ms. Thanatporn Klinsoon is Section Head / Mrs. Wanpen Lhaochindawat is Technical Management)

(Measurement By Ms. Onanong Leewongsak)



Approved By

(MRS. WANPEN LHAOCHINDAWAT)

08/07/2024

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**TEST REPORT**

CUSTOMER : AGC Vinythai Public Company Limited\*\*\*  
ADDRESS : 202 Moo 1, Suksawadi Rd., T. Parkklongbangplakod, A. Prasamutjedi, Samutprakarn 10290\*\*\*  
SAMPLE SOURCE : Phra Pradaeng Factory 1\*\*\*  
SAMPLE POINT : หน่วยผลิต MTA - 7\*\*\*  
PARAMETER\*\*\*\* :  $L_{eq}$  1 hr. &  $L_{eq}$  8 hr. SAMPLE NO. : 40633  
DETERMINATION METHOD : ISO 11202:2010## MEASURING DATE : 21/10/2024  
INSTRUMENT : Integrated Sound Level Meter RECEIVED DATE : 21/10/2024  
S/N 00322752 : Class 2 REPORTED DATE : 08/11/2024

MEASURING TIME	RESULT <sup>/1</sup>	RESULT <sup>/2</sup>	UNIT
09:00 - 10:00	77	77	dB(A)
10:00 - 11:00	77	77	dB(A)
11:00 - 12:00	77	77	dB(A)
12:00 - 13:00	77	77	dB(A)
13:00 - 14:00	77	77	dB(A)
14:00 - 15:00	77	77	dB(A)
15:00 - 16:00	77	77	dB(A)
16:00 - 17:00	77	77	dB(A)
$L_{eq}$ 8 hr. (TWA)	77*	77**	dB(A)
Standard	85 <sup>/1</sup>	90 <sup>/2</sup>	dB(A)

**REMARK :** ## ISO 11202:2010, Notification of The Ministry of Industry B.E. 2546 (2003) on The Safety Protection Measures in Factory Regarding Working Area Environment, Dated November 6, 2003, Notification of The Department of Labour Protection and Welfare on The Standard of Noise Level That Employees are Allowed to Receive in Average Period of Work Each Day, Dated December 13, 2017, Notification of The Department of Labour Protection and Welfare on Criteria, Measurement Methods, and Analysis of Working Conditions Regarding Heat, Light, or Noise Levels, Including Duration and Types of Businesses to Be Performed, Dated February 8, 2018

<sup>/1</sup> Notification of The Department of Labour Protection and Welfare B.E. 2561 (2018)

(Published in the Government Gazette on January 26, 2018)

<sup>/2</sup> Notification of The Ministry of Industry B.E. 2546 (2003)

\* Based on Criteria 85 dB(A); 3 dB Exchange Rate

\*\* Based on Criteria 90 dB(A); 5 dB Exchange Rate

\*\*\* These Data are Non Laboratory Data

\*\*\*\* Parameter have License Registration of Department of Labour Protection and Welfare No. 0403-03-2564-0009

(Ms. Thanatporn Klinsoopon is Section Head / Mrs. Wanwan Chuenarom is Technical Management)

(Measurement By Ms. Onanong Leewongsak)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By .....



(MS. APIRADEE CHUEN-AROM)

08/11/2024

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ผลการตรวจวัดระดับเสียงสะสม (Noise Dose)

Request No. LA67-R1103

Report No. R6711-0038

## TEST REPORT

CUSTOMER : AGC Vinythai Public Company Limited  
ADDRESS : 202 Moo 1, Suksawasdi Rd., T. Parkklongbangplakod, A. Prasamutjedi, Samutprakarn 10290  
SAMPLE SOURCE : Phra Pradaeng Factory 1  
SAMPLE POINT : หน่วยเพิ่มความเข้มข้น NaOH (คุณสมบัติโพรีฟุ่ม)  
MEASURING DATE : 21/10/2024 SAMPLE NO. : 40626  
RECEIVED DATE : 21/10/2024 SAMPLING TIME : 09:30-17:30  
SAMPLING INSTRUMENT : Noise dosimeter : S/N CB0954 REPORTED DATE : 08/11/2024

PARAMETER*	RESULT	STANDARD	UNIT
Time weighted average level (8-hr TWA) <sup>#</sup>	77.6	85 <sup>/1</sup>	dB(A)
8 Hour dose	18.00	100 <sup>/2</sup>	%

**REMARK :** <sup>/1</sup> Notification of The Department of Labour Protection and Welfare B.E. 2561 (2018)  
<sup>/2</sup> Standard of National Institute for Occupational Safety and Health, Occupational Noise Exposure Revised Criteria 1998  
<sup>#</sup> Based on Criteria 85 dB(A) ; 3 dB Exchange Rate  
\* Parameter have License Registration of Department of Labour Protection and Welfare No. 0403-03-2564-0009  
(Measurement By Ms. Onanong Leewongsak)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด



(MS. APIRADEE CHUEN-AROM)

08/11/2024

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Request No. LA67-R1103

Report No. R6711-0039

## TEST REPORT

CUSTOMER : AGC Vinythai Public Company Limited  
ADDRESS : 202 Moo 1, Suksawasdi Rd., T. Parkklongbangplakod, A. Prasamutjedi, Samutprakarn 10290  
SAMPLE SOURCE : Phra Pradaeng Factory 1  
SAMPLE POINT : หน่วยผลิตกรดไฮโดรคลอริก (คุณภาพสูง สืบประวัติ)  
MEASURING DATE : 21/10/2024 SAMPLE NO. : 40627  
RECEIVED DATE : 21/10/2024 SAMPLING TIME : 09:30-17:30  
SAMPLING INSTRUMENT : Noise dosimeter : S/N CB0957 REPORTED DATE : 08/11/2024

PARAMETER*	RESULT	STANDARD	UNIT
Time weighted average level (8-hr TWA) <sup>#</sup>	77.8	85 <sup>/1</sup>	dB(A)
8 Hour dose	19.00	100 <sup>/2</sup>	%

**REMARK :** <sup>/1</sup> Notification of The Department of Labour Protection and Welfare B.E. 2561 (2018)  
<sup>/2</sup> Standard of National Institute for Occupational Safety and Health, Occupational Noise Exposure Revised Criteria 1998  
<sup>#</sup> Based on Criteria 85 dB(A) ; 3 dB Exchange Rate  
\* Parameter have License Registration of Department of Labour Protection and Welfare No. 0403-03-2564-0009  
(Measurement By Ms. Onanong Leewongsak)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด



(MS. APIRADEE CHUEN-AROM)

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Request No. LA67-R1103

Report No. R6711-0040

## TEST REPORT

CUSTOMER : AGC Vinythai Public Company Limited  
 ADDRESS : 202 Moo 1, Suksawasdi Rd., T. Parkklongbangplakod, A. Prasamutjedi, Samutprakarn 10290  
 SAMPLE SOURCE : Phra Pradaeng Factory 1  
 SAMPLE POINT : หน่วยผลิตคลอรีนเหลว (คุณวระวุธ คำเอก)  
 MEASURING DATE : 21/10/2024 SAMPLE NO. : 40628  
 RECEIVED DATE : 21/10/2024 SAMPLING TIME : 09:30-17:30  
 SAMPLING INSTRUMENT : Noise dosimeter : S/N CB0958 REPORTED DATE : 08/11/2024

PARAMETER*	RESULT	STANDARD	UNIT
Time weighted average level (8-hr TWA) <sup>#</sup>	74.0	85 <sup>/1</sup>	dB(A)
8 Hour dose	8.00	100 <sup>/2</sup>	%

**REMARK :**

- <sup>/1</sup> Notification of The Department of Labour Protection and Welfare B.E. 2561 (2018)
- <sup>/2</sup> Standard of National Institute for Occupational Safety and Health, Occupational Noise Exposure Revised Criteria 1998
- <sup>#</sup> Based on Criteria 85 dB(A) ; 3 dB Exchange Rate
- \* Parameter have License Registration of Department of Labour Protection and Welfare No. 0403-03-2564-0009  
(Measurement By Ms. Onanong Leewongsak)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(MS. APIRADEE CHUEN-AROM)

08/11/2024

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Request No. LA67-R1103

Report No. R6711-0041

## TEST REPORT

CUSTOMER : AGC Vinythai Public Company Limited  
 ADDRESS : 202 Moo 1, Suksawasdi Rd., T. Parkklongbangplakod, A. Prasamutjedi, Samutprakarn 10290  
 SAMPLE SOURCE : Phra Pradaeng Factory 1  
 SAMPLE POINT : หน่วยผลิต MTA-7 (ถุณน้ำมนต์ อุบลรัตน์)  
 MEASURING DATE : 21/10/2024 SAMPLE NO. : 40629  
 RECEIVED DATE : 21/10/2024 SAMPLING TIME : 09:30-17:30  
 SAMPLING INSTRUMENT : Noise dosimeter : S/N CB0955 REPORTED DATE : 08/11/2024

PARAMETER*	RESULT	STANDARD	UNIT
Time weighted average level (8-hr TWA) <sup>#</sup>	80.1	85 <sup>/1</sup>	dB(A)
8 Hour dose	32.00	100 <sup>/2</sup>	%

**REMARK :** <sup>/1</sup> Notification of The Department of Labour Protection and Welfare B.E. 2561 (2018)  
<sup>/2</sup> Standard of National Institute for Occupational Safety and Health, Occupational Noise Exposure Revised Criteria 1998  
<sup>#</sup> Based on Criteria 85 dB(A) ; 3 dB Exchange Rate  
 \* Parameter have License Registration of Department of Labour Protection and Welfare No. 0403-03-2564-0009  
 (Measurement By Ms. Onanong Leewongsak)



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