

Request No. ATR6605023

Report No. 6605-0227 - 6605-0233

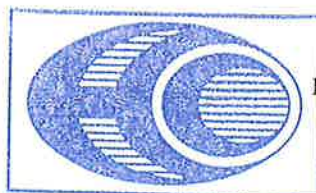
TEST REPORT

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 : 08/05/2023 SAMPLE NO. : A66050227 - A66050233
 TESTED DATE : 08/05/2023-09/05/2023 REPORTED DATE : 11/05/2023

PARAMETER*	TEST METHOD	SAMPLING DATE	RESULT	UNIT
Hydrogen chloride (HCl)	Ion Chromatography Method (OSHA ID 174sg)	21-22/04/2023	< 0.015	mg/m ³
			< 0.010	ppm
		22-23/04/2023	< 0.015	mg/m ³
			< 0.010	ppm
		23-24/04/2023	< 0.015	mg/m ³
			< 0.010	ppm
		24-25/04/2023	< 0.015	mg/m ³
			< 0.010	ppm
		25-26/04/2023	< 0.015	mg/m ³
			< 0.010	ppm
		26-27/04/2023	0.020	mg/m ³
			0.013	ppm
		27-28/04/2023	0.026	mg/m ³
			0.017	ppm

REMARK:

* Parameter Outside The Scope of The Registration of The Department of Industrial Works.
 (Sampling By Mr. Tummarat Photankhum)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....

(Miss Thanatporn Klinsonon)

11/05/2023

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Request No. ATR6605023

Report No. 6605-0234 - 6605-0240

TEST REPORT

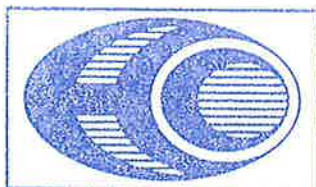
CUSTOMER : AGC Vinythai Public Co.,Ltd.
 ADDRESS : 202 Moo.1 Suksawasdi Rd.,T. Parkklongbangplakod , A. Prasamutjedi ,Samutprakarn 10290
 SAMPLE SOURCE : AGC Vinythai Public Co.,Ltd.
 SAMPLE NAME : บริเวณขอบเขตรั้วด้านทิศเหนือ
 RECEIVED DATE : 08/05/2023 SAMPLE NO. : A66050234 - A66050240
 TESTED DATE : 08/05/2023-09/05/2023 REPORTED DATE : 11/05/2023

PARAMETER*	TEST METHOD	SAMPLING DATE	RESULT	UNIT
Chlorine (Cl ₂)	Ion Chromatography Method (OSHA ID 202)	21-22/04/2023	0.417	mg/m ³
			0.144	ppm
		22-23/04/2023	0.184	mg/m ³
			0.063	ppm
		23-24/04/2023	0.071	mg/m ³
			0.024	ppm
		24-25/04/2023	0.060	mg/m ³
			0.021	ppm
		25-26/04/2023	0.146	mg/m ³
			0.050	ppm
		26-27/04/2023	0.063	mg/m ³
			0.022	ppm
		27-28/04/2023	0.030	mg/m ³
			0.010	ppm

REMARK:

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

(Sampling By Mr. Tummarat Photankhum)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....

(Miss Thanatporn Klinson)

11/05/2023

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Request No. ATR6605023

Report No. 6605-0248 - 6605-0254

TEST REPORT

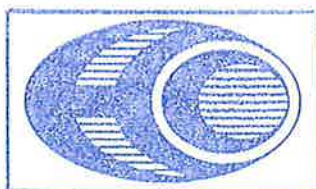
CUSTOMER : AGC Vinythai Public Co.,Ltd.
 ADDRESS : 202 Moo.1 Suksawasdi Rd.,T. Parkklongbangplakod , A. Prasamutjedi ,Samutprakarn 10290
 SAMPLE SOURCE : AGC Vinythai Public Co.,Ltd.
 SAMPLE NAME : บริเวณขอบเขตรั้วด้านทิศใต้
 RECEIVED DATE : 08/05/2023 SAMPLE NO. : A66050248 - A66050254
 TESTED DATE : 08/05/2023-09/05/2023 REPORTED DATE : 11/05/2023

PARAMETER*	TEST METHOD	SAMPLING DATE	RESULT	UNIT
Hydrogen chloride (HCl)	Ion Chromatography Method (OSHA ID 174sg)	21-22/04/2023	< 0.015	mg/m ³
			< 0.010	ppm
		22-23/04/2023	< 0.015	mg/m ³
			< 0.010	ppm
		23-24/04/2023	< 0.015	mg/m ³
			< 0.010	ppm
		24-25/04/2023	< 0.015	mg/m ³
			< 0.010	ppm
		25-26/04/2023	< 0.015	mg/m ³
			< 0.010	ppm
		26-27/04/2023	< 0.015	mg/m ³
			< 0.010	ppm
		27-28/04/2023	< 0.015	mg/m ³
			< 0.010	ppm

REMARK:

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

(Sampling By Mr. Tummarat Photankhum)



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Examined By.....

(Miss Thanatporn Klinsopon)

11/05/2023

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Request No. ATR6605023

Report No. 6605-0255 - 6605-0261

TEST REPORT

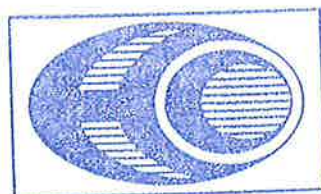
CUSTOMER : AGC Vinythai Public Co.,Ltd.
 ADDRESS : 202 Moo.1 Suksawasdi Rd.,T. Parkklongbangplakod , A. Prasamutjedi ,Samutprakarn 10290
 SAMPLE SOURCE : AGC Vinythai Public Co.,Ltd.
 SAMPLE NAME : บริเวณขอบเขตรั้วด้านทิศใต้
 RECEIVED DATE : 08/05/2023 SAMPLE NO. : A66050255 - A66050261
 TESTED DATE : 08/05/2023-09/05/2023 REPORTED DATE : 11/05/2023

PARAMETER*	TEST METHOD	SAMPLING DATE	RESULT	UNIT
Chlorine (Cl ₂)	Ion Chromatography Method (OSHA ID 202)	21-22/04/2023	0.234	mg/m ³
			0.081	ppm
		22-23/04/2023	0.668	mg/m ³
			0.230	ppm
		23-24/04/2023	0.719	mg/m ³
			0.248	ppm
		24-25/04/2023	0.137	mg/m ³
			0.047	ppm
		25-26/04/2023	0.160	mg/m ³
			0.055	ppm
		26-27/04/2023	0.090	mg/m ³
			0.031	ppm
		27-28/04/2023	0.095	mg/m ³
			0.033	ppm

REMARK:

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

(Sampling By Mr. Tummarat Photankhum)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....

(Miss Thanatporn Klinsoon)

11/05/2023

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Request No. LA66-R0503

Report No. R6605-0051 - R6605-0057

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* : Nitrogen Dioxide
DETERMINATION METHOD : Chemiluminescence
INSTRUMENT : API Model M200E S/N 3999

SAMPLE NO. : 07202-07208
SAMPLING DATE : 21-28/04/2023
RECEIVED DATE : 28/04/2023
REPORTED DATE : 03/05/2023

TIME / DATE	21-22/04/2023	22-23/04/2023	23-24/04/2023	UNIT
10:00 - 11:00 ¹²	0.005	0.001	0.001	ppm
11:00 - 12:00	0.006	0.003	0.001	ppm
12:00 - 13:00	0.008	0.003	0.001	ppm
13:00 - 14:00	0.009	0.002	0.001	ppm
14:00 - 15:00	0.008	0.011	0.005	ppm
15:00 - 16:00	0.009	0.025	0.016	ppm
16:00 - 17:00	0.009	0.008	0.011	ppm
17:00 - 18:00	0.010	0.008	0.006	ppm
18:00 - 19:00	0.011	0.008	0.004	ppm
19:00 - 20:00	0.007	0.006	0.003	ppm
20:00 - 21:00	0.006	0.006	0.003	ppm
21:00 - 22:00	0.006	0.005	0.003	ppm
22:00 - 23:00	0.005	0.003	0.002	ppm
23:00 - 00:00	0.005	0.003	0.002	ppm
00:00 - 01:00	0.003	0.002	0.001	ppm
01:00 - 02:00	0.004	0.001	0.002	ppm
02:00 - 03:00	0.003	0.001	0.001	ppm
03:00 - 04:00	0.003	0.001	0.001	ppm
04:00 - 05:00	0.003	0.001	0.001	ppm
05:00 - 06:00	0.002	0.001	0.001	ppm
06:00 - 07:00	0.003	0.001	0.003	ppm
07:00 - 08:00	0.003	0.001	0.004	ppm
08:00 - 09:00	0.002	0.001	0.001	ppm
09:00 - 10:00	0.001	<0.001	<0.001	ppm
Maximum 1 hr.	0.011	0.025	0.016	ppm
Average 24 hr.	0.005	0.004	0.003	ppm
Standard (1 hr.) ¹¹	0.17	0.17	0.17	ppm

REMARK :

¹¹ Notification of The National Environmental Board Volume 33 B.E. 2552 (2009)¹² Start Time

* Parameter Outside The Scope of The Registration of The Department of Industrial Works
(Measurement By Mr. Tummarat Phetankhono)



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By

(MS. THANATPORN KLINSOPON)

03/05/2023

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Request No. LA66-R0503

Report No. R6605-0051 - R6605-0057

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* : Nitrogen Dioxide
DETERMINATION METHOD : Chemiluminescence
INSTRUMENT : API Model M200E S/N 3999

SAMPLE NO. : 07202-07208
SAMPLING DATE : 21-28/04/2023
RECEIVED DATE : 28/04/2023
REPORTED DATE : 03/05/2023

TIME / DATE	24-25/04/2023	25-26/04/2023	26-27/04/2023	UNIT
10:00 - 11:00 ²	<0.001	0.002	0.016	ppm
11:00 - 12:00	0.003	0.003	0.014	ppm
12:00 - 13:00	0.006	0.004	0.011	ppm
13:00 - 14:00	0.004	0.014	0.012	ppm
14:00 - 15:00	0.005	0.021	0.017	ppm
15:00 - 16:00	0.021	0.012	0.022	ppm
16:00 - 17:00	0.015	0.009	0.022	ppm
17:00 - 18:00	0.008	0.011	0.014	ppm
18:00 - 19:00	0.008	0.013	0.012	ppm
19:00 - 20:00	0.004	0.006	0.010	ppm
20:00 - 21:00	0.006	0.006	0.015	ppm
21:00 - 22:00	0.008	0.006	0.021	ppm
22:00 - 23:00	0.006	0.006	0.022	ppm
23:00 - 00:00	0.004	0.006	0.020	ppm
00:00 - 01:00	0.003	0.012	0.020	ppm
01:00 - 02:00	0.004	0.015	0.019	ppm
02:00 - 03:00	0.002	0.012	0.020	ppm
03:00 - 04:00	0.002	0.010	0.020	ppm
04:00 - 05:00	0.002	0.010	0.019	ppm
05:00 - 06:00	0.003	0.015	0.018	ppm
06:00 - 07:00	0.004	0.018	0.016	ppm
07:00 - 08:00	0.005	0.020	0.014	ppm
08:00 - 09:00	0.001	0.020	0.017	ppm
09:00 - 10:00	0.001	0.009	0.016	ppm
Maximum 1 hr.	0.021	0.021	0.022	ppm
Average 24 hr.	0.005	0.011	0.017	ppm
Standard (1 hr.) ¹	0.17	0.17	0.17	ppm

REMARK : ¹ Notification of The National Environmental Board Volume 33 B.E. 2552 (2009)² Start Time* Parameter Outside The Scope of The Registration of The Department of Industrial Works
(Measurement By Mr. Tummarut Phorankhru)

Approved By

(MS. THANATPORN KLINSOPON)

03/05/2023

บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด
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Request No. LA66-R0503

Report No. R6605-0051 - R6605-0057

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* : Nitrogen Dioxide
DETERMINATION METHOD : Chemiluminescence
INSTRUMENT : API Model M200E S/N 3999

SAMPLE NO. : 07202-07208
SAMPLING DATE : 21-28/04/2023
RECEIVED DATE : 28/04/2023
REPORTED DATE : 03/05/2023

TIME / DATE	27-28/04/2023	UNIT
10:00 - 11:00 ^{1/2}	0.019	ppm
11:00 - 12:00	0.019	ppm
12:00 - 13:00	0.023	ppm
13:00 - 14:00	0.013	ppm
14:00 - 15:00	0.013	ppm
15:00 - 16:00	0.011	ppm
16:00 - 17:00	0.016	ppm
17:00 - 18:00	0.035	ppm
18:00 - 19:00	0.019	ppm
19:00 - 20:00	0.018	ppm
20:00 - 21:00	0.018	ppm
21:00 - 22:00	0.013	ppm
22:00 - 23:00	0.014	ppm
23:00 - 00:00	0.012	ppm
00:00 - 01:00	0.011	ppm
01:00 - 02:00	0.008	ppm
02:00 - 03:00	0.008	ppm
03:00 - 04:00	0.008	ppm
04:00 - 05:00	0.007	ppm
05:00 - 06:00	0.011	ppm
06:00 - 07:00	0.017	ppm
07:00 - 08:00	0.016	ppm
08:00 - 09:00	0.009	ppm
09:00 - 10:00	0.005	ppm
Maximum 1 hr.	0.035	ppm
Average 24 hr.	0.014	ppm
Standard (1 hr.) ^{1/1}	0.17	ppm

REMARK :

^{1/1} Notification of The National Environmental Board Volume 33 B.E. 2552 (2009)^{1/2} Start Time

* Parameter Outside The Scope of The Registration of The Department of Industrial Works
(Measurement By Mr. Tummarut Phadankhan)



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By.....

(MS. THANATPORN KLINSOPON)

03/05/2023

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Request No. LA66-R0503

Report No. R6605-0044 - R6605-0050

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 6756

SAMPLE NO. : 07196-07201
SAMPLING DATE : 21-28/04/2023
RECEIVED DATE : 28/04/2023
REPORTED DATE : 03/05/2023

TIME / DATE	21-22/04/2023	22-23/04/2023	23-24/04/2023	UNIT
11:00 - 12:00 ^{1/2}	0.001	0.012	0.004	ppm
12:00 - 13:00	0.009	0.010	0.004	ppm
13:00 - 14:00	0.006	0.006	0.004	ppm
14:00 - 15:00	0.012	0.007	0.003	ppm
15:00 - 16:00	0.010	0.006	0.004	ppm
16:00 - 17:00	0.013	0.009	0.004	ppm
17:00 - 18:00	0.012	0.014	0.005	ppm
18:00 - 19:00	0.014	0.019	0.007	ppm
19:00 - 20:00	0.013	0.019	0.006	ppm
20:00 - 21:00	0.016	0.015	0.006	ppm
21:00 - 22:00	0.014	0.010	0.007	ppm
22:00 - 23:00	0.011	0.011	0.005	ppm
23:00 - 00:00	0.007	0.006	0.003	ppm
00:00 - 01:00	0.005	0.004	0.003	ppm
01:00 - 02:00	0.004	0.003	0.004	ppm
02:00 - 03:00	0.004	0.003	0.004	ppm
03:00 - 04:00	0.004	0.003	0.003	ppm
04:00 - 05:00	0.006	0.003	0.004	ppm
05:00 - 06:00	0.006	0.003	0.008	ppm
06:00 - 07:00	0.008	0.003	0.012	ppm
07:00 - 08:00	0.008	0.003	0.011	ppm
08:00 - 09:00	0.007	0.003	0.009	ppm
09:00 - 10:00	0.007	0.004	0.010	ppm
10:00 - 11:00	0.011	0.004	0.007	ppm
Maximum 1 hr.	0.016	0.019	0.012	ppm
Average 24 hr.	0.009	0.007	0.006	ppm
Standard (1 hr.) ^{1/1}	0.17	0.17	0.17	ppm

REMARK : ^{1/1} Notification of The National Environmental Board Volume 33 B.E. 2552 (2009)^{1/2} Start Time* Parameter Outside The Scope of The Registration of The Department of Industrial Works
(Measurement By Mr. Tummarut Photanikul)

Approved By.....

(MS. THANATPORN KLINSOPON)

03/05/2023

บริษัท อีสเทิร์น ไทย คอนซัลติง 1992 จำกัด
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Request No. LA66-R0503

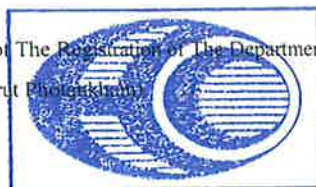
Report No. R6605-0044 - R6605-0050

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* : Nitrogen Dioxide
DETERMINATION METHOD : Chemiluminescence
INSTRUMENT : API Model T200 S/N 6756

SAMPLE NO. : 07196-07201
SAMPLING DATE : 21-28/04/2023
RECEIVED DATE : 28/04/2023
REPORTED DATE : 03/05/2023

TIME / DATE	24-25/04/2023	25-26/04/2023	26-27/04/2023	UNIT
11:00 - 12:00 ¹²	0.013	0.009	0.022	ppm
12:00 - 13:00	0.016	0.007	0.015	ppm
13:00 - 14:00	0.005	0.005	0.023	ppm
14:00 - 15:00	0.009	0.009	0.032	ppm
15:00 - 16:00	0.007	0.007	0.038	ppm
16:00 - 17:00	0.008	0.009	0.027	ppm
17:00 - 18:00	0.009	0.016	0.018	ppm
18:00 - 19:00	0.007	0.015	0.016	ppm
19:00 - 20:00	0.012	0.010	0.020	ppm
20:00 - 21:00	0.019	0.010	0.032	ppm
21:00 - 22:00	0.018	0.010	0.048	ppm
22:00 - 23:00	0.012	0.010	0.045	ppm
23:00 - 00:00	0.009	0.014	0.038	ppm
00:00 - 01:00	0.008	0.028	0.035	ppm
01:00 - 02:00	0.006	0.021	0.036	ppm
02:00 - 03:00	0.005	0.024	0.034	ppm
03:00 - 04:00	0.007	0.020	0.034	ppm
04:00 - 05:00	0.008	0.025	0.034	ppm
05:00 - 06:00	0.010	0.029	0.029	ppm
06:00 - 07:00	0.014	0.033	0.029	ppm
07:00 - 08:00	0.016	0.034	0.029	ppm
08:00 - 09:00	0.005	0.035	0.037	ppm
09:00 - 10:00	0.007	0.033	0.036	ppm
10:00 - 11:00	0.010	0.032	0.033	ppm
Maximum 1 hr.	0.019	0.035	0.048	ppm
Average 24 hr.	0.010	0.018	0.031	ppm
Standard (1 hr.) ¹¹	0.17	0.17	0.17	ppm

REMARK : ¹¹ Notification of The National Environmental Board Volume 33 B.E. 2552 (2009)¹² Start Time* Parameter Outside The Scope of The Registration of The Department of Industrial Works
(Measurement By Mr. Tummarut Phongsakulnong)

บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By.....

(MS. THANATPORN KLINSOPON)

03/05/2023

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Request No. LA66-R0503

Report No. R6605-0044 - R6605-0050

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* : Nitrogen Dioxide
DETERMINATION METHOD : Chemiluminescence
INSTRUMENT : API Model T200 S/N 6756

SAMPLE NO. : 07196-07201
SAMPLING DATE : 21-28/04/2023
RECEIVED DATE : 28/04/2023
REPORTED DATE : 03/05/2023

TIME / DATE	27-28/04/2023	UNIT
11:00 - 12:00 ^{1/2}	0.037	ppm
12:00 - 13:00	0.027	ppm
13:00 - 14:00	0.016	ppm
14:00 - 15:00	0.014	ppm
15:00 - 16:00	0.012	ppm
16:00 - 17:00	0.011	ppm
17:00 - 18:00	0.013	ppm
18:00 - 19:00	0.013	ppm
19:00 - 20:00	0.018	ppm
20:00 - 21:00	0.012	ppm
21:00 - 22:00	0.011	ppm
22:00 - 23:00	0.015	ppm
23:00 - 00:00	0.012	ppm
00:00 - 01:00	0.011	ppm
01:00 - 02:00	0.007	ppm
02:00 - 03:00	0.006	ppm
03:00 - 04:00	0.007	ppm
04:00 - 05:00	0.008	ppm
05:00 - 06:00	0.014	ppm
06:00 - 07:00	0.019	ppm
07:00 - 08:00	0.016	ppm
08:00 - 09:00	0.008	ppm
09:00 - 10:00	0.007	ppm
10:00 - 11:00	0.011	ppm
Maximum 1 hr.	0.037	ppm
Average 24 hr.	0.013	ppm
Standard (1 hr.) ^{1/1}	0.17	ppm

REMARK : ^{1/1} Notification of The National Environmental Board Volume 33 B.E. 2552 (2009)^{1/2} Start Time

* Parameter Outside The Scope of The Registration of The Department of Industrial Works
(Measurement By Mr. Tummarut Piyamkhuan)



Approved By.....

(MS. THANATPORN KLINSOPON)

03/05/2023

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด
REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

Wind Speed & Wind Direction

Request No. LA66-R0503

AGC Vinythai Public Company Limited

Sample No. 07210

Sampling Source : บริเวณขอบเขตรั้วด้านทิศเหนือ

Sampling Date : April 21-28, 2023

เวลา	April 21-22, 2023		April 22-23, 2023		April 23-24, 2023		April 24-25, 2023		April 25-26, 2023		April 26-27, 2023		April 27-28, 2023	
	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	WSW	0.0	-	1.3	SW	0.4	W	0.4	WSW	0.4	SW	0.0	-
11:00-12:00	1.3	W	0.4	N	1.3	SW	0.4	WSW	0.9	WSW	0.4	SSE	0.4	NE
12:00-13:00	1.8	WSW	0.4	N	1.3	S	0.9	ENE	0.9	WSW	0.9	NW	0.4	N
13:00-14:00	1.3	SW	0.4	S	1.8	WSW	0.4	ENE	1.3	WSW	0.4	N	0.9	N
14:00-15:00	1.3	WSW	1.3	WSW	1.8	SW	0.9	WSW	1.8	WSW	0.0	-	1.3	N
15:00-16:00	0.9	SW	0.9	WSW	1.8	SW	1.8	WSW	1.8	WSW	0.0	-	1.3	N
16:00-17:00	0.4	SW	0.9	WSW	1.8	WSW	1.8	WSW	1.8	WSW	0.0	-	1.3	N
17:00-18:00	0.4	WSW	0.9	WSW	1.8	SW	1.8	WSW	2.2	SE	0.4	N	1.8	W
18:00-19:00	0.0	-	0.4	SSW	1.3	WSW	0.9	WSW	0.4	WSW	0.0	-	1.3	W
19:00-20:00	0.0	-	0.0	-	1.3	WSW	0.4	S	0.4	W	0.0	-	0.4	WSW
20:00-21:00	0.4	WSW	0.0	-	0.9	WSW	0.0	-	0.4	W	0.0	-	0.0	-
21:00-22:00	0.9	WSW	0.4	WSW	0.9	WSW	0.0	-	0.4	W	0.0	-	0.0	-
22:00-23:00	0.4	WSW	0.0	-	0.4	WSW	0.0	-	0.4	W	0.0	-	0.0	-
23:00-00:00	0.4	SW	0.0	-	0.0	-	0.0	-	0.4	W	0.0	-	0.0	-
00:00-01:00	0.0	-	0.0	-	0.4	SW	0.0	-	0.0	-	0.0	-	0.0	-
01:00-02:00	0.4	WSW	0.0	-	0.0	-	0.4	WSW	0.4	N	0.0	-	0.4	N
02:00-03:00	0.0	-	0.0	-	0.0	-	0.4	WSW	0.4	SE	0.0	-	0.4	N
03:00-04:00	0.0	-	0.0	-	0.0	-	0.4	WSW	0.4	SE	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	0.4	WSW	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	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-
08:00-09:00	0.4	N	0.4	N	0.0	-	0.4	WSW	0.0	-	0.0	-	0.4	N
09:00-10:00	0.4	N	1.3	N	0.0	-	0.0	-	0.0	-	0.0	-	1.3	N

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Wind Speed & Wind Direction

Request No. LA66-R0503

AGC Vinythai Public Company Limited

Sample No. 07209

Sampling Source : บริเวณขอบเขตรั้วด้านทิศใต้

Sampling Date : April 21-28, 2023

เวลา	April 21-22, 2023		April 22-23, 2023		April 23-24, 2023		April 24-25, 2023		April 25-26, 2023		April 26-27, 2023		April 27-28, 2023	
	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	0.4	N	0.0	-	0.4	N	0.4	SE	0.4	N	0.9	SE	0.4	NNE
12:00-13:00	0.0	-	0.0	-	0.4	N	0.4	SE	0.4	N	0.4	NNE	0.4	N
13:00-14:00	0.0	-	0.0	-	0.4	N	0.4	S	0.4	N	0.0	-	0.4	N
14:00-15:00	0.4	N	0.0	-	0.4	N	0.4	N	0.4	N	0.0	-	0.4	NNE
15:00-16:00	0.0	-	0.0	-	0.4	N	0.4	N	0.4	N	0.4	NNE	0.4	N
16:00-17:00	0.0	-	0.0	-	0.4	NNE	0.4	N	2.2	SE	0.0	-	0.4	N
17:00-18:00	0.0	-	0.0	-	0.4	NNE	0.4	N	0.9	SE	0.0	-	0.4	N
18:00-19:00	0.0	-	0.0	-	0.4	N	0.4	N	0.4	SSW	0.0	-	0.0	-
19:00-20:00	0.0	-	0.0	-	0.4	NNE	0.0	-	0.0	-	0.0	-	0.0	-
20:00-21:00	0.0	-	0.0	-	0.4	N	0.0	-	0.0	-	0.0	-	0.0	-
21:00-22:00	0.0	-	0.0	-	0.4	N	0.0	-	0.0	-	0.0	-	0.0	-
22:00-23:00	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-
23:00-00:00	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-
00:00-01:00	0.0	-	0.0	-	0.4	N	0.0	-	0.4	SE	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	-	0.4	SE	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	-	0.4	N	0.0	-	0.0	-	0.4	SE	0.0	-	0.0	-
08:00-09:00	0.0	-	0.4	N	0.0	-	0.0	-	0.9	SE	0.0	-	0.0	-
09:00-10:00	0.0	-	0.4	N	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-
10:00-11:00	0.0	-	0.4	NNE	0.0	-	0.4	N	0.4	SSW	0.0	-	0.0	-

COPY

Wind Speed & Wind Direction

Request No. LA66-R0503

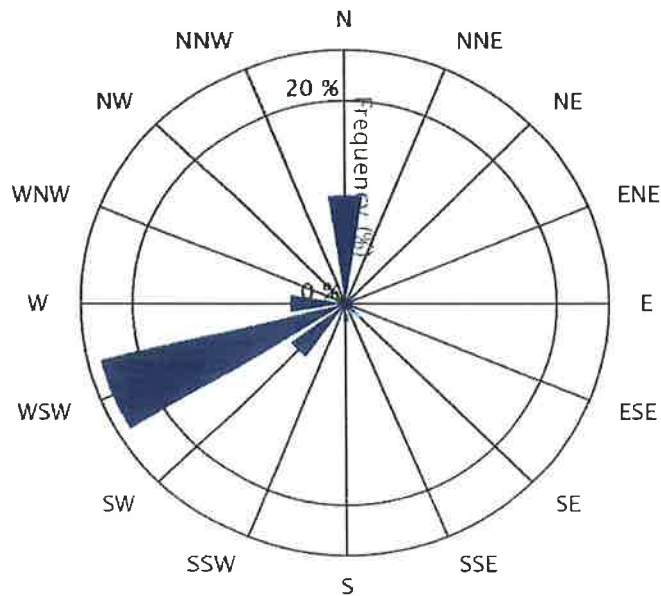
AGC Vinythai Public Company Limited

Sample No. 07210

Sampling Source : บริเวณขอบเขตรั้วด้านทิศเหนือ

Sampling Date : April 21-28, 2023

Calm 46.4 %



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	10.7	0.0	0.0	0.0	0.0	0.0	10.7
NNE	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NE	0.6	0.0	0.0	0.0	0.0	0.0	0.6
ENE	1.2	0.0	0.0	0.0	0.0	0.0	1.2
E	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ESE	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SE	1.2	0.6	0.0	0.0	0.0	0.0	1.8
SSE	0.6	0.0	0.0	0.0	0.0	0.0	0.6
S	1.8	0.0	0.0	0.0	0.0	0.0	1.8
SSW	0.6	0.0	0.0	0.0	0.0	0.0	0.6
SW	6.6	0.0	0.0	0.0	0.0	0.0	6.6
WSW	23.8	0.0	0.0	0.0	0.0	0.0	23.8
W	5.4	0.0	0.0	0.0	0.0	0.0	5.4
WNW	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NW	0.6	0.0	0.0	0.0	0.0	0.0	0.6
NNW	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Calm	46.4						

Wind Speed & Wind Direction

Request No. LA66-R0503

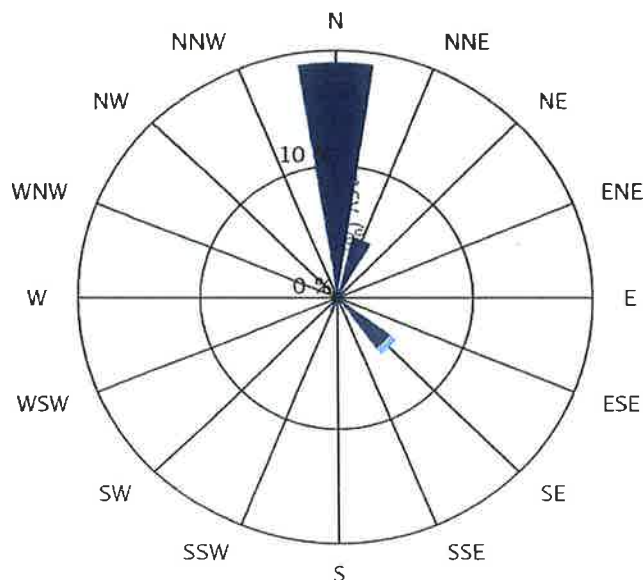
AGC Vinythai Public Company Limited

Sample No. 07209

Sampling Source : บริเวณขอบเขตรั้วด้านทิศใต้

Sampling Date : April 21-28, 2023

Calm 70.2 %


 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	17.9	0.0	0.0	0.0	0.0	0.0	17.9
NNE	4.8	0.0	0.0	0.0	0.0	0.0	4.8
NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ENE	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ESE	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SE	4.8	0.6	0.0	0.0	0.0	0.0	5.4
SSE	0.0	0.0	0.0	0.0	0.0	0.0	0.0
S	0.6	0.0	0.0	0.0	0.0	0.0	0.6
SSW	1.2	0.0	0.0	0.0	0.0	0.0	1.2
SW	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WSW	0.0	0.0	0.0	0.0	0.0	0.0	0.0
W	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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
Calm	70.2						

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Request No. LA66-0501

Report No. 6605-0233

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 : 24/04/2023
 RECEIVED DATE : 08/05/2023
 TESTED DATE : 08-10/05/2023
 SAMPLE NO. : 01870-01871
 SAMPLING TIME : 10:30-11:30
 REPORTED DATE : 24/05/2023

STACK DESCRIPTION

Height :	20.40	m	Type of Process :	Exhaust
Diameter :	0.15	m	Type of Fuel :	-
Temperature :	31.00	°C	Oxygen Content :	20.80 %
Air Velocity :	1.86	m/s	Barometric Pressure :	757.75 mm Hg
Flow rate ³ :	0.03	m ³ /s	Atmospheric Temperature :	33.20 °C
Moisture Content :	-	%		

PARAMETER*	TEST METHOD	TIME	RESULT ³	STD ¹	UNIT
Hydrogen Chloride (HCl)	Ion Chromatography	10:30-11:30	0.237	200, 100 ²	mg/m ³
			0.159	134, 67.0 ²	ppm
			<0.0001	0.018 ²	g/s
Chlorine (Cl ₂)	Ion Chromatography	10:30-11:30	0.231	30, 15 ²	mg/m ³
			0.080	10.3, 5.2 ²	ppm
			<0.0001	0.003 ²	g/s

REMARK:

¹ NOTIFICATION OF THE MINISTRY OF INDUSTRY B.E. 2549 (2006)² มาตรฐานที่กำหนดไว้ในรายงานการประเมินผลกระทบสิ่งแวดล้อมฉบับสมบูรณ์ จ้างเดือน กุมภาพันธ์ 2561³ DRY BASIS (25°C, 760 mm.Hg)

* PARAMETER OUTSIDE THE SCOPE OF THE REGISTRATION
 OF THE DEPARTMENT OF INDUSTRIAL WORKS
 (SAMPLING BY MR. WABANDS VIKAYASEWIE)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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

24/05/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
 THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
 WITHOUT THE WRITTEN APPROVAL LABORATORY

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Request No. LA66-0501

Report No. 6605-0232

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 : 24/04/2023 SAMPLE NO. : 01868-01869

RECEIVED DATE : 08/05/2023 SAMPLING TIME : 10:20-11:20

TESTED DATE : 08-10/05/2023 REPORTED DATE : 24/05/2023

STACK DESCRIPTION

Height :	20.40	m	Type of Process :	Exhaust
Diameter :	0.15	m	Type of Fuel :	-
Temperature :	30.00	°C	Oxygen Content :	20.80 %
Air Velocity :	1.75	m/s	Barometric Pressure :	757.75 mm.Hg
Flow rate ³ :	0.03	m ³ /s	Atmospheric Temperature :	33.00 °C
Moisture Content :	-	%		

PARAMETER*	TEST METHOD	TIME	RESULT ³	STD ¹	UNIT
Hydrogen Chloride (HCl)	Ion Chromatography	10:20-11:20	0.087	200, 100 ²	mg/m ³
			0.059	134, 67.0 ²	ppm
			<0.0001	0.018 ²	g/s
Chlorine (Cl ₂)	Ion Chromatography	10:20-11:20	0.085	30, 15 ²	mg/m ³
			0.029	10.3, 5.2 ²	ppm
			<0.0001	0.003 ²	g/s

REMARK:

¹ NOTIFICATION OF THE MINISTRY OF INDUSTRY B.E. 2549 (2006)² มาตรฐานที่กำหนดไว้ในรายงานการประเมินผลกระทบสิ่งแวดล้อมฉบับสมบูรณ์ ฉบับเดือน กุมภาพันธ์ 2561³ DRY BASIS (25°C, 760 mm.Hg)

* PARAMETER OUTSIDE THE SCOPE OF THE REGISTRATION
OF THE DEPARTMENT OF INDUSTRIAL WORKS
(SAMPLING BY MR. WASAKORN KANSAWEE)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By: *Thongchai Boonsak*
(MR. THONGCHAI BOONSAK)

24/05/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

Request No. LA66-0501

Report No. 6605-0231

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 : 24/04/2023
 RECEIVED DATE : 08/05/2023
 TESTED DATE : 08-10/05/2023
 STACK DESCRIPTION

Height :	20.40	m	Type of Process :	Exhaust
Diameter :	0.15	m	Type of Fuel :	-
Temperature :	30.00	°C	Oxygen Content :	20.90 %
Air Velocity :	2.17	m/s	Barometric Pressure :	757.75 mm.Hg
Flow rate ¹ :	0.04	m ³ /s	Atmospheric Temperature :	32.20 °C
Moisture Content :	-	%		

PARAMETER*	TEST METHOD	TIME	RESULT ¹	STD ¹	UNIT
Chlorine (Cl ₂)	Ion Chromatography	09:10-10:10	0.118	30, 15 ²	mg/m ³
			0.041	10.3, 5.2 ²	ppm
			<0.0001	0.003 ²	g/s
Hydrogen Chloride (HCl)	Ion Chromatography	09:10-10:10	0.121	200, 100 ²	mg/m ³
			0.081	134, 67.0 ²	ppm
			<0.0001	0.018 ²	g/s

REMARK:

¹ NOTIFICATION OF THE MINISTRY OF INDUSTRY B.E. 2549 (2006)² มาตรฐานที่กำหนดไว้ในรายงานการประเมินผลกระทบสิ่งแวดล้อมฉบับสมบูรณ์ ฉบับเดือน กุมภาพันธ์ 2561³ DRY BASIS (25°C, 760 mm.Hg)

* PARAMETER OUTSIDE THE SCOPE OF THE REGISTRATION
 OF THE DEPARTMENT OF INDUSTRIAL WORKS
 (SAMPLING BY MR. WARAKORN VITAYASEWEE)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By



(MR. THONGCHAI BOONSAK)

24/05/2023

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 WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

Request No. LA66-0501

Report No. 6605-0230

TEST REPORT

CUSTOMER : AGC Vinythai Public Co.,Ltd.

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

SAMPLE SOURCE : AGC Vinythai Public Co.,Ltd.

SAMPLE POINT : ปล่องหน่วยผลิตกรดไฮโดรคลอริก (10s)

SAMPLING DATE : 24/04/2023 SAMPLE NO. : 01864-01865

RECEIVED DATE : 08/05/2023 SAMPLING TIME : 09:05-10:05

TESTED DATE : 08-10/05/2023 REPORTED DATE : 24/05/2023

STACK DESCRIPTION

Height :	20.40	m	Type of Process :	Exhaust
Diameter :	0.15	m	Type of Fuel :	-
Temperature :	29.00	°C	Oxygen Content :	20.90 %
Air Velocity :	1.64	m/s	Barometric Pressure :	757.75 mm.Hg
Flow rate ³ :	0.03	m ³ /s	Atmospheric Temperature :	32.00 °C
Moisture Content :	-	%		

PARAMETER*	TEST METHOD	TIME	RESULT ³	STD ¹	UNIT
Chlorine (Cl ₂)	Ion Chromatography	09:05-10:05	<0.029	30, 15 ^{1/2}	mg/m ³
			<0.010	10.3, 5.2 ^{1/2}	ppm
			<0.0001	0.003 ^{1/2}	g/s
Hydrogen Chloride (HCl)	Ion Chromatography	09:05-10:05	<0.015	200, 100 ^{1/2}	mg/m ³
			<0.010	134, 67.0 ^{1/2}	ppm
			<0.0001	0.018 ^{1/2}	g/s

REMARK:

¹ NOTIFICATION OF THE MINISTRY OF INDUSTRY B.E. 2549 (2006)² มาตรฐานที่กำหนดไว้ในรายงานการประเมินผลกระทบสิ่งแวดล้อมจากโรงงาน จำกัด เดือน กุมภาพันธ์ 2561³ DRY BASIS (25°C, 760 mm.Hg)

* PARAMETER OUTSIDE THE SCOPE OF THE REGISTRATION

OF THE DEPARTMENT OF INDUSTRIAL WORKS
(SAMPLING BY MR. THONGCHAI BOONSAK)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By



(MR. THONGCHAI BOONSAK)

24/05/2023

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Request No. LA66-0501

Report No. 6605-0229

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 : 24/04/2023
 RECEIVED DATE : 08/05/2023
 TESTED DATE : 08-10/05/2023
 SAMPLE NO. : 01862-01863
 SAMPLING TIME : 09:00-10:00
 REPORTED DATE : 24/05/2023

STACK DESCRIPTION

Height :	20.40	m	Type of Process :	Exhaust
Diameter :	0.15	m	Type of Fuel :	-
Temperature :	30.00	°C	Oxygen Content :	20.90 %
Air Velocity :	1.75	m/s	Barometric Pressure :	757.75 mm.Hg
Flow rate ¹³ :	0.03	m ³ /s	Atmospheric Temperature :	32.00 °C
Moisture Content :	-	%		

PARAMETER*	TEST METHOD	TIME	RESULT ¹³	STD ¹	UNIT
Hydrogen Chloride (HCl)	Ion Chromatography	09:00-10:00	<0.015	200, 100 ¹²	mg/m ³
			<0.010	134, 67.0 ¹²	ppm
			<0.0001	0.018 ¹²	g/s
Chlorine (Cl ₂)	Ion Chromatography	09:00-10:00	<0.029	30, 15 ¹²	mg/m ³
			<0.010	10.3, 5.2 ¹²	ppm
			<0.0001	0.003 ¹²	g/s

REMARK:

¹¹ NOTIFICATION OF THE MINISTRY OF INDUSTRY B.E. 2549 (2006)¹² มาตรฐานที่กำหนดไว้ในรายงานการประเมินผลกระทบสิ่งแวดล้อมฉบับสมบูรณ์ ฉบับเดือน กุมภาพันธ์ 2561¹³ DRY BASIS (25°C, 760 mm.Hg)

* PARAMETER OUTSIDE THE SCOPE OF THE REGISTRATION

OF THE DEPARTMENT OF INDUSTRIAL WORKS
(SAMPLING BY MR. WARAKORN WIRASAVET)Approved By... *Thongchai Boonsak*

(MR. THONGCHAI BOONSAK)

24/05/2023

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 WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

Request No. LA66-0502

Report No. 6605-0220

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 : ปล่องهودูดซับไอคลอรีน

SAMPLING DATE : 27/04/2023 SAMPLE NO. : 01884

RECEIVED DATE : 08/05/2023 SAMPLING TIME : 10:30-11:30

TESTED DATE : 08-10/05/2023 REPORTED DATE : 23/05/2023

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 :	3.25	m/s	Barometric Pressure :	757.75 mm.Hg
Flow rate ¹⁾ :	0.21	m ³ /s	Atmospheric Temperature :	35.00 °C
Moisture Content :	-	%		

PARAMETER*	TEST METHOD	TIME	RESULT ³⁾	STD ¹⁾	UNIT
Chlorine	Ion Chromatography	10:30-11:30	0.420	30, 15 ²⁾	mg/m ³
(Cl ₂)			0.145	10.3, 5.2 ²⁾	ppm
			0.0001	0.002 ²⁾	g/s

REMARK:

¹⁾ NOTIFICATION OF THE MINISTRY OF INDUSTRY B.E. 2549 (2006)²⁾ มาตรฐานที่กำหนดไว้ในรายงานการประเมินผลกระทบสิ่งแวดล้อมฉบับสมบูรณ์ ฉบับเดือน กุมภาพันธ์ 2561³⁾ DRY BASIS (25⁰C, 760 mm.Hg)

* PARAMETER OUTSIDE THE SCOPE OF THE REGISTRATION

OF THE DEPARTMENT OF INDUSTRIAL WORKS

(SAMPLING BY MR. TEERAPONG NUNATIN)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By



(MR. THONGCHAI BOONSAK)

23/05/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY

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WITHOUT THE WRITTEN APPROVAL LABORATORY

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Request No. LA66-0501

Report No. 6605-0234

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 : 27/04/2023

SAMPLE NO. : 01872-01873

RECEIVED DATE : 08/05/2023

SAMPLING TIME : 09:15-09:30

TESTED DATE : 08-24/05/2023

REPORTED DATE : 24/05/2023

STACK DESCRIPTION

Height :	15.00	m	Type of Process :	Combustion
Diameter :	0.40	m	Type of Fuel :	Natural Gas
Temperature :	143.00	°C	Oxygen Content :	6.17 %
Air Velocity :	5.71	m/s	Barometric Pressure :	757.75 mm.Hg
Flow rate ³ :	0.49	m ³ /s	Atmospheric Temperature :	32.00 °C
Moisture Content :	-	%	Pressure :	10 bars
Burner Loading :	20	%		

PARAMETER*	TEST METHOD	TIME	RESULT ³		STD ¹	UNIT
			6.17 % O ₂	7 % O ₂		
Oxides of Nitrogen (NO _x as NO ₂)	Chemical Absorption,	09:15-09:20	12.6	11.9	376, 188.10 ¹²	mg/m ³
	Colorimetric		6.7	6.3	200, 100 ¹²	ppm
			0.0062	-	0.081 ¹²	g/s
Carbon monoxide (CO)	Bag, Non Dispersive Infrared	09:20-09:30	34.5	32.6	790	mg/m ³
			30.1	28.4	690	ppm

REMARK:

¹ NOTIFICATION OF THE MINISTRY OF INDUSTRY B.E. 2549 (2006)² มาตรฐานที่กำหนดไว้ในรายงานการประเมินผลกระทบสิ่งแวดล้อมฉบับสมบูรณ์ ฉบับเดือน กุมภาพันธ์ 2561³ DRY BASIS (25°C, 760 mm.Hg)

* SAMPLING BY MR. WARAKORN VITAYASEWEE (ว-003-ท-7283)

Examined By

(MISS APIRADEE CHUEN-AROM)

(ว-003-ท-4377)

24/05/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY

THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL

WITHOUT THE WRITTEN APPROVAL LABORATORY

Approved By

(MR. THONGCHAI BOONSAK)

(ว-003-ท-5618)

24/05/2023

COPY

Request No. LA66-0501

Report No. 6605-0235

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 : 27/04/2023 SAMPLE NO. : 01874-01875

RECEIVED DATE : 08/05/2023 SAMPLING TIME : 10:05-10:40

TESTED DATE : 08-24/05/2023 REPORTED DATE : 24/05/2023

STACK DESCRIPTION

Height :	20.00	m	Type of Process :	Combustion
Diameter :	0.60	m	Type of Fuel :	Natural Gas
Temperature :	134.00	°C	Oxygen Content :	4.55 %
Air Velocity :	5.57	m/s	Barometric Pressure :	757.75 mm.Hg
Flow rate ³ :	1.09	m ³ /s	Atmospheric Temperature :	32.40 °C
Moisture Content :	-	%	Hydrogen :	0 %
Burner Loading :	56	%	Flow rate Natural Gas :	8.0 m ³ /hr
Pressure :	16	bars	Flow rate Hydrogens :	0 m ³ /hr

PARAMETER*	TEST METHOD	TIME	RESULT ³		STD ¹	UNIT
			4.55 % O ₂	7 % O ₂		
Oxides of Nitrogen (NO _x as NO ₂)	Chemical Absorption,	10:05-10:10	42.7	36.3	376, 301 ¹²	mg/m ³
	Colorimetric		22.7	19.3	200, 160 ¹²	ppm
			0.0465	-	0.645 ¹²	g/s
Carbon monoxide (CO)	Bag, Non Dispersive Infrared	10:30-10:40	0.7	0.6	790	mg/m ³
			0.6	0.5	690	ppm

REMARK:

¹ NOTIFICATION OF THE MINISTRY OF INDUSTRY B.E. 2549 (2006)² มาตรฐานที่กำหนดไว้ในรายงานการประเมินผลกระทบสิ่งแวดล้อมฉบับสมบูรณ์ ฉบับเดือน กุมภาพันธ์ 2561³ DRY BASIS (25°C, 760 mm.Hg)

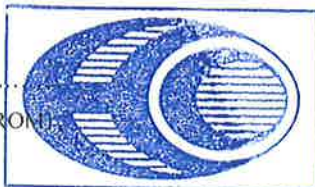
* SAMPLING BY MR. WARAKORN VITAYASEWEE (ว-003-ค-7283)

Examined By

(MISS APIRADEE CHUEN-AROM)

(ว-003-ค-4377)

24/05/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By

Thongchai Boonsak

(MR. THONGCHAI BOONSACK)

(ว-003-ค-5618)

24/05/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY

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TEST REPORT

Request No. : W6601002

Report No. : 6601-0908

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 66010004
Sample Name : After Septic Office (อาคาร 50 ปี)** Sampling Date : 03/01/2023**
Sampling By : ETC** Sampling Time : 10:05 AM**
Sampling Method : Grab** Received Date : 04/01/2023
Tested Date : 04/01/2023 – 10/01/2023 Reported Date : 17/01/2023

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	10.1	≤60 ²
Chemical Oxygen Demand #	mg/l	Closed Reflux, Titrimetric Method (SM:5220C)	83	≤120
Oil and Grease @	mg/l	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤5
pH (on site)*		Electrometric Method	8.0	5.5-9.0
Temperature*	°C	Laboratory and Field Method	25	≤40
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	7	≤50

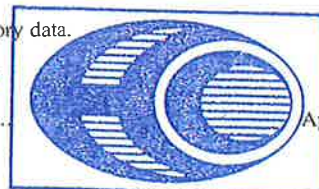
Physical Appearance :
1. Sample : yellow, lightly SS
2. Container : Normal [PE 0.5 L, PE 1.0 L, PE 1.8 L]

Remark :
1.¹ Industrial Effluent Standard , Notification of the Ministry of Industry , B.E. 2560 (2017)
2.² มาตรฐานตามประกาศกรมโรงงานอุตสาหกรรม เรื่องกำหนดคุณลักษณะน้ำทิ้งที่ระบายออกนอกโรงงานให้มีค่าแตกต่างจากที่กำหนดไว้ในประกาศกระทรวงอุตสาหกรรม ฉบับที่ 2 (พ.ศ.2539) เรื่อง กำหนดคุณลักษณะของน้ำทิ้งที่ระบายออกจากโรงงาน : มาตรฐานสำหรับโรงงานลำดับที่ 42 (1) (การทำเคมีภัณฑ์ สารเคมี หรือวัสดุเคมี)
3.@ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.
4. Miss Apiradee Chuen-arom is Section Head / Mr. Kawee Suthasub is Technical Management.
5.* = Test Report/Sampling marked Not Accredited, Sampling By Mr. Nitchaphon Tonglor (ว-003-จ-5638)*
6.** = These data are non laboratory data.

Examined By
(Miss Apiradee Chuen-arom)

(ว-003-ค-4377)

17/01/2023



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By
(Mr. Kawee Suthasub)

(ว-003-ค-2205)

17/01/2023

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TEST REPORT

Request No. : W6602217

Report No. : 6602-1244

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 66020959

Sample Name : After Septic Office (อาคาร 50 ปี)**

Sampling Date : 07/02/2023**

Sampling By : ETC**

Sampling Time : 9:55 AM**

Sampling Method : Grab**

Received Date : 08/02/2023

Tested Date : 08/02/2023 – 15/02/2023

Reported Date : 20/02/2023

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	7.5	≤60 ²
Chemical Oxygen Demand #	mg/l	Closed Reflux, Titrimetric Method (SM:5220C)	63	≤120
Oil and Grease @	mg/l	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤5
pH (on site)*		Electrometric Method	7.8	5.5-9.0
Temperature*	°C	Laboratory and Field Method	29	≤40
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	< 5	≤50

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

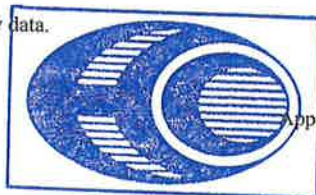
Remark :
1. ¹ Industrial Effluent Standard, Notification of the Ministry of Industry, B.E. 2560 (2017)
2. ² มาตรฐานตามประกาศกรมโรงงานอุตสาหกรรม เรื่องกำหนดคุณลักษณะน้ำทิ้งที่ระบายออกนอกโรงงานให้มีค่าแตกต่างจากที่กำหนดไว้ในประกาศกระทรวงอุตสาหกรรม ฉบับที่ 2 (พ.ศ.2539) เรื่อง กำหนดคุณลักษณะของน้ำทิ้งที่ระบายออกจากโรงงาน : มาตรฐานสำหรับโรงงานลำดับที่ 42 (1) (การทำเคมีภัณฑ์ สารเคมี หรือวัสดุเคมี)
3. @ = ISO/IEC 17025:2017 Accredited by TISI, # = ISO/IEC 17025:2017 Accredited by DSS,
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.
4. Miss Apiradee Chuen-arom is Section Head / Mr. Kawee Suthasub is Technical Management.
5. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwan (ว-003-ค-7279)*
6. ** = These data are non laboratory data.

Examined By

(Miss Apiradee Chuen-arom)

(ว-003-ค-4377)

20/02/2023



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Approved By

(Mr. Kawee Suthasub)

(ว-003-ค-2205)

20/02/2023

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Request No. : W6603161

Report No. : 6603-1652

TEST REPORT

Customer : AGC Vinythai Public Co.,Ltd.**
Address : 202 Moo. 1 Suksawadi Rd., T. Parkklongbangplakod , A. Prasamutjedi ,Samutprakarn 10290**
Sampling Source : AGC Vinythai Public Co.,Ltd.** Sample No. : W 66030768
Sample Name : After Septic Office (อาคาร 50 ปี)** Sampling Date : 07/03/2023**
Sampling By : ETC** Sampling Time : 10:20 AM**
Sampling Method : Grab** Received Date : 08/03/2023
Tested Date : 08/03/2023 – 14/03/2023 Reported Date : 25/03/2023

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	5.9	≤60 ²
Chemical Oxygen Demand #	mg/L	Closed Reflux, Titrimetric Method (SM:5220C)	50	≤120
Oil and Grease @	mg/L	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤5
pH (on site)*		Electrometric Method	7.8	5.5-9.0
Temperature*	°C	Laboratory and Field Method	29	≤40
Total Suspended Solids #	mg/L	Dried at 103-105 C (SM:2540D)	5	≤50

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

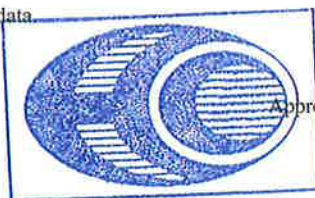
Remark : 1.¹ Industrial Effluent Standard , Notification of the Ministry of Industry , B.E. 2560 (2017)
2.² มาตรฐานตามประกาศกรมโรงงานอุตสาหกรรม เรื่องกำหนดคุณลักษณะน้ำทิ้งที่ระบายออกนอกโรงงานให้มีค่าแตกต่างจากที่กำหนดไว้ในประกาศกระทรวงอุตสาหกรรม ฉบับที่ 2 (พ.ศ.2539) เรื่อง กำหนดคุณลักษณะของน้ำทิ้งที่ระบายออกจากโรงงาน : มาตรฐานสำหรับโรงงานลำดับที่ 42 (1) (การทำเคมีภัณฑ์ สารเคมี หรือวัสดุเคมี)
3.@ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.
4. Miss Apiradee Chuen-arom is Section Head / Mr. Kawee Suthasub is Technical Management.
5.* = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang (จ-003-จ-5637)*
6.** = These data are non laboratory data.

Examined By

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

25/03/2023



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

25/03/2023

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Request No. : W6604329

Report No. : 6604-2085

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 66041248

Sample Name : After Septic Office (อาคาร 50 ปี)** Sampling Date : 11/04/2023**

Sampling By : ETC** Sampling Time : 11:10 AM**

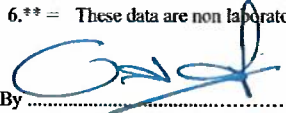
Sampling Method : Grab** Received Date : 12/04/2023

Tested Date : 12/04/2023 – 25/04/2023 Reported Date : 29/04/2023

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	8.8	≤60 ²
Chemical Oxygen Demand #	mg/L	Closed Reflux, Titrimetric Method (SM:5220C)	51	≤120
Oil and Grease @	mg/L	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	32	≤40
Total Suspended Solids #	mg/L	Dried at 103-105 C (SM:2540D)	< 5	≤50

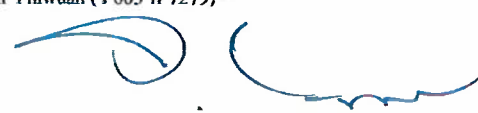
Physical Appearance : 1. Sample : yellow, lightly SS
2. Container : Normal [PE 0.5 L, PE 1.0 L, PE 1.8 L]

Remark : 1.¹ Industrial Effluent Standard, Notification of the Ministry of Industry, B.E. 2560 (2017)
2.² มาตราฐานตามประกาศกรมโรงงานอุตสาหกรรม เรื่องกำหนดคุณลักษณะน้ำทิ้งที่ระบายออกนอกโรงงานให้มีค่าแตกต่างจากที่กำหนดไว้ในประกาศกระทรวงอุตสาหกรรม ฉบับที่ 2 (พ.ศ.2539) เรื่อง กำหนดคุณลักษณะของน้ำทิ้งที่ระบายออกจากโรงงาน : มาตราฐานสำหรับโรงงานลำดับที่ 42 (1) (การบำบัดน้ำเสีย สาระเคมี หรือวัสดุเคมี)
3.@ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.
4. Miss Apiradee Chuen-arom is Section Head / Mr. Kawee Suthasub is Technical Management.
5.* = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan (ว-003-ก-7279)*
6.** = These data are non laboratory data.

Examined By 
(Miss Apiradee Chuen-arom)
(ว-003-ก-4377)
29/04/2023



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Approved By 
(Mr. Kawee Suthasub)
(ว-003-ก-2205)
29/04/2023

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TEST REPORT

Request No. : W6605025

Report No. : 6605-1156

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 66050066
Sample Name : After Septic Office (อาคาร 50 ปี)** Sampling Date : 02/05/2023**
Sampling By : ETC** Sampling Time : 10:15 AM**
Sampling Method : Grab** Received Date : 03/05/2023
Tested Date : 03/05/2023 – 09/05/2023 Reported Date : 18/05/2023

Parameter	Unit	Method	Result	Standard ^{1/}
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	5.3	≤60 ^{2/}
Chemical Oxygen Demand #	mg/L	Closed Reflux, Titrimetric Method (SM:5220C)	< 40	≤120
Oil and Grease *	mg/L	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	30	≤40
Total Suspended Solids #	mg/L	Dried at 103-105 C (SM:2540D)	5	≤50

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

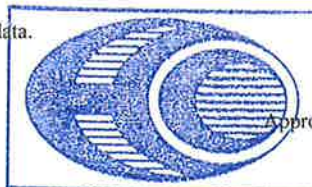
Remark :
1.^{1/} Industrial Effluent Standard , Notification of the Ministry of Industry , B.E. 2560 (2017)
2.^{2/} มาตรฐานตามประกาศกรมโรงงานอุตสาหกรรม เรื่องกำหนดคุณลักษณะน้ำทิ้งที่ระบายออกนอกโรงงานให้มีค่าแตกต่างจากที่กำหนดไว้ในประกาศกระทรวงอุตสาหกรรม ฉบับที่ 2 (พ.ศ.2539) เรื่อง กำหนดคุณลักษณะของน้ำทิ้งที่ระบายออกจากโรงงาน : มาตรฐานสำหรับโรงงานลำดับที่ 42 (1) (การทำเคมีภัณฑ์ สารเคมี หรือวัสดุเคมี)
3.# = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.
4. Miss Apiradee Chuen-arom is Section Head / Mr. Kawee Suthasub is Technical Management.
5.* = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwan (จ-003-ก-7279)*
6.** = These data are non laboratory data.

Examined By

(Miss Apiradee Chuen-arom)

(จ-003-ก-4377)

18/05/2023



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By

(Mr. Kawee Suthasub)

(จ-003-ก-2205)

18/05/2023

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Request No. : W6606138

Report No. : 6606-1282

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 66060567
Sample Name : After Septic Office (อาคาร 50 ปี)** Sampling Date : 06/06/2023**
Sampling By : ETC** Sampling Time : 10:45 AM**
Sampling Method : Grab** Received Date : 07/06/2023
Tested Date : 07/06/2023 – 14/06/2023 Reported Date : 19/06/2023

Parameter	Unit	Method	Result	Standard ^{1/}
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	7.6	≤60 ^{2/}
Chemical Oxygen Demand #	mg/L	Closed Reflux, Titrimetric Method (SM:5220C)	41	≤120
Oil and Grease *	mg/L	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤5
pH (on site)*		Electrometric Method	7.4	5.5-9.0
Temperature*	°C	Laboratory and Field Method	30	≤40
Total Suspended Solids #	mg/L	Dried at 103-105 C (SM:2540D)	8	≤50

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

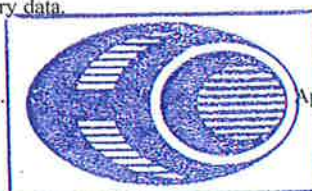
Remark :
1.^{1/} Industrial Effluent Standard , Notification of the Ministry of Industry , B.E. 2560 (2017)
2.^{2/} มาตรฐานตามประกาศกรมโรงงานอุตสาหกรรม เรื่องกำหนดคุณลักษณะน้ำทิ้งที่ระบายออกนอกโรงงานให้มีค่าแตกต่างจากที่กำหนดไว้ในประกาศกระทรวงอุตสาหกรรม ฉบับที่ 2 (พ.ศ.2539) เรื่อง กำหนดคุณลักษณะของน้ำทิ้งที่ระบายออกจากโรงงาน : มาตรฐานสำหรับโรงงานลำดับที่ 42 (1) (การทำเคมีภัณฑ์ สารเคมี หรือวัสดุเคมี)
3.# = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.
4. Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.
5.* = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwan (ว-003-ค-7279)*
6.** = These data are non laboratory data.

Examined By

(Miss Apiradee Chuen-arom)

(ว-003-ค-4377)

19/06/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By

(Miss Nunnaphat Bakhuntod)

(ว-003-ค-4367)

19/06/2023

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Request No. : W6601002

TEST REPORT

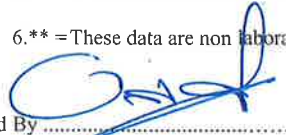
Report No. : 6601-0909-1

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 66010005
Sample Name : After Septic Canteen (อาคารโรงอาหาร)** Sampling Date : 03/01/2023**
Sampling By : ETC** Sampling Time : 09:40 AM**
Sampling Method : Grab** Received Date : 04/01/2023
Tested Date : 04/01/2023 – 14/01/2023 Reported Date : 25/01/2023

Parameter	Unit	Method	Result	Standard ^{1/}
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	20.4	≤40
Oil and Grease @	mg/l	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤20
pH (on site)*		Electrometric Method	7.6	5-9
Sulfide*	mg/l as H ₂ S	ZnS Precipitation, Iodometric Method (SM:4500-S2-F)	0.59	≤3.0
Temperature*	°C	Laboratory and Field Method	26	-
Total Dissolved Solids *	mg/l	Dried at 103-105 degree celsius	546	***
Total Kjeldahl Nitrogen*	mg/l as NH ₃ -N	Macro Kjeldahl Method (SM:4500-Norg B)	35	≤40
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	6	≤50

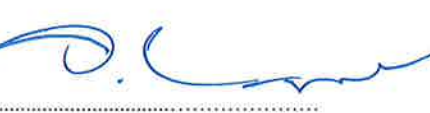
Physical Apperance :
1. Sample : yellow, lightly SS
2. Container : Normal [PE 0.5 L, PE 1.8 L, G 0.3 L (2 Bottle), G 1.0 L]

Remark :
1.^{1/} มาตรฐานควบคุมการระบายน้ำทิ้งจากอาคารประเภท ค ข้อ 6 (7) ร้านอาหารตามประกาศกระทรวงทรัพยากรธรรมชาติและสิ่งแวดล้อม เรื่อง กำหนดมาตรฐานควบคุมการระบายน้ำทิ้งจากอาคารบางประเภท และบางขนาด
2.@ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.
3. Miss Apiradee Chuen-arom is Section Head / Mr. Kawee Suthasub is Technical Management.
4.* = Test Report/Sampling marked Not Accredited, Sampling By Mr. Nitchaphon Tonglor (ว-003-จ-5638)*
5.*** ต้องมีค่าเพิ่มขึ้นจากปริมาณสารละลายในน้ำใช้ตามปกติไม่เกิน 500 มิลลิกรัมต่อลิตร
6.** = These data are non laboratory data.

Examined By 
(Miss Apiradee Chuen-arom)
(ว-003-ค-4377)
25/01/2023

SUPPLEMENT TO TEST REPORT NO 6601-0909

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By 
(Mr. Kawee Suthasub)
(ว-003-ค-2205)
25/01/2023

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Request No. : W6601002

TEST REPORT

Report No. : 6601-0909-1

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 66010005
Sample Name : After Septic Canteen (อาคารโรงอาหาร) Sampling Date : 03/01/2023
Sampling By : ETC Sampling Time : 9:40 AM
Sampling Method : Grab Received Date : 04/01/2023
Tested Date : 04/01/2023 – 14/01/2023 Reported Date : 25/01/2023

Parameter	Unit	Method	Result	Standard ¹⁾
Settleable Solid	ml/l	Volumetric Method (SM:2540F)	< 0.2	≤0.5

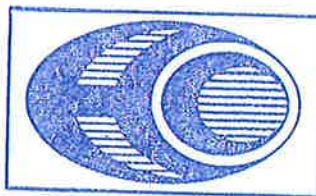
Physical Apperance :

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.) 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. Nitchaphon Tonglor (ว-003-ท-5638)
4. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

SUPPLEMENT TO TEST REPORT NO. 6601-0909



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By

(Miss Apiradee Chuen-arom)

25/01/2023

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TEST REPORT

Request No. : W6601002

Report No. : 6601-0910

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 66010006

Sample Name : น้ำประปา Sampling Date : 03/01/2023

Sampling By : ETC Sampling Time : 9:45 AM

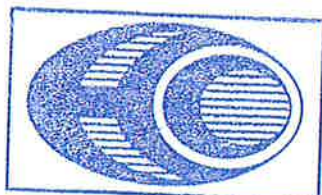
Sampling Method : Grab Received Date : 04/01/2023

Tested Date : 04/01/2023 – 14/01/2023 Reported Date : 17/01/2023

Parameter	Unit	Method	Result
Total Dissolved Solids	mg/l	Dried at 103-105 degree celsius	274

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. Nitchaphon Tonglor (ว-003-จ-5638)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By

(Miss Apiradee Chuen-arom)

17/01/2023

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Request No. : W6602217

Report No. : 6602-1245

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 : After Septic Canteen (อาคาร โรงอาหาร)**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 08/02/2023 – 15/02/2023
Sample No. : W 66020960
Sampling Date : 07/02/2023**
Sampling Time : 9:45 AM**
Received Date : 08/02/2023
Reported Date : 20/02/2023

Parameter	Unit	Method	Result	Standard ¹⁾
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	13.3	≤40
Oil and Grease @	mg/l	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤20
pH (on site)*		Electrometric Method	7.4	5-9
Sulfide*	mg/l as H ₂ S	ZnS Precipitation, Iodometric Method (SM:4500-S2-F)	1.85	≤3.0
Temperature*	°C	Laboratory and Field Method	29	-
Total Dissolved Solids *	mg/l	Dried at 103-105 degree celsius	388	***
Total Kjeldahl Nitrogen*	mg/l as NH ₃ -N	Macro Kjeldahl Method (SM:4500-Norg B)	26	≤40
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	< 5	≤50

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. ¹⁾ มาตรฐานควบคุมการระบายน้ำทิ้งจากอาคารประเภท ค ข้อ 6 (7) ร้านอาหารตามประกาศกระทรวงทรัพยากรธรรมชาติและสิ่งแวดล้อม เรื่อง กำหนดมาตรฐานควบคุมการระบายน้ำทิ้งจากอาคารบางประเภท และบางขนาด
2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.
3. Miss Apiradee Chuen-arom is Section Head / Mr. Kawee Suthasub is Technical Management.
4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan (จ-003-ค-7279)*
5. *** ต้องมีค่าเพิ่มขึ้นจากปริมาณสารละลายในน้ำใช้ตามปกติไม่เกิน 500 มิลลิกรัมต่อลิตร
6. ** = These data are non laboratory data.

Examined By

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

20/02/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

20/02/2023

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Request No. : W6602217

TEST REPORT

Report No. : 6602-1245

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 66020960

Sample Name : After Septic Canteen (อาคารโรงอาหาร)

Sampling Date : 07/02/2023

Sampling By : ETC

Sampling Time : 9:45 AM

Sampling Method : Grab

Received Date : 08/02/2023

Tested Date : 08/02/2023 – 15/02/2023

Reported Date : 20/02/2023

Parameter	Unit	Method	Result	Standard ^{1/}
Settleable Solid	ml/l	Volumetric Method (SM:2540F)	< 0.2	≤0.5

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/} มาตรฐานควบคุมการระบายน้ำทิ้งจากอาคารประเภท ค ข้อ 6 (7) ร้านอาหารตามประกาศกระทรวงทรัพยากรธรรมชาติและสิ่งแวดล้อม เรื่อง กำหนดมาตรฐานควบคุมการระบายน้ำทิ้งจากอาคารบางประเภท และบางขนาด
- Parameter Outside The Scope of The Registration of Department of Industrial Works
- Sampling By Mr. Songpon Phiwuan (ว-003-ค-7279)
- SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By



(Miss Apiradee Chuen-arom)

20/02/2023

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TEST REPORT

Request No. : W6602217

Report No. : 6602-1246

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 66020961

Sample Name : น้ำประปา

Sampling Date : 07/02/2023

Sampling By : ETC

Sampling Time : 9:40 AM

Sampling Method : Grab

Received Date : 08/02/2023

Tested Date : 08/02/2023 – 15/02/2023

Reported Date : 20/02/2023

Parameter	Unit	Method	Result
Total Dissolved Solids	mg/l	Dried at 103-105 degree celsius	218

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 Phiwan (ว-003-ค-7279)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By

(Miss Apiradee Chuen-arom)

20/02/2023

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Request No. : W6603355

Report No. : 6603-1962

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 66031499
Sample Name : After Septic Canteen (อาคาร โรงอาหาร)** Sampling Date : 14/03/2023**
Sampling By : ETC** Sampling Time : 10:00 AM**
Sampling Method : Grab** Received Date : 15/03/2023
Tested Date : 15/03/2023 – 27/03/2023 Reported Date : 29/03/2023

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	17.6	≤40
Oil and Grease #	mg/L	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤20
pH (on site)*		Electrometric Method	7.5	5-9
Sulfide*	mg/L as H ₂ S	ZnS Precipitation, Iodometric Method (SM:4500-S2-F)	2.36	≤3.0
Temperature*	°C	Laboratory and Field Method	29	-
Total Dissolved Solids *	mg/L	Dried at 103-105 degree celsius	442	***
Total Kjeldahl Nitrogen*	mg/L as NH ₃ -N	Macro Kjeldahl Method (SM:4500-Norg B)	25	≤40
Total Suspended Solids #	mg/L	Dried at 103-105 C (SM:2540D)	6	≤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. ¹ มาตรฐานควบคุมการระบายน้ำทิ้งจากอาคารประเภท ค ข้อ 6 (7) ร้านอาหารตามประกาศกระทรวงทรัพยากรธรรมชาติและสิ่งแวดล้อม
เรื่อง กำหนดมาตรฐานควบคุมการระบายน้ำทิ้งจากอาคารบางประเภท และบางชนิด
2. @ = ISO/IEC 17025:2017 Accredited by TISI, # = ISO/IEC 17025:2017 Accredited by DSS,
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.
3. Miss Apiradee Chuen-arom is Section Head / Mr. Kawee Suthasub is Technical Management.
4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Parkpoom Buasawad (1-003-ก-7280)*
5. *** ต้องมีค่าเพิ่มขึ้นจากปริมาณสารละลายในน้ำใช้ความปกติไม่เกิน 500 มิลลิกรัมต่อลิตร
6. ** = These data are non laboratory data.

Examined By

(Miss Apiradee Chuen-arom)

(1-003-ก-4377)

29/03/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By

(Mr. Kawee Suthasub)

(1-003-ก-2205)

29/03/2023

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WITHOUT THE WRITTEN APPROVAL LABORATORY

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Request No. : W6603355

Report No. : 6603-1962

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 66031499
Sample Name : After Septic Canteen (อาคาร โรงอาหาร) Sampling Date : 14/03/2023
Sampling By : ETC Sampling Time : 10:00 AM
Sampling Method : Grab Received Date : 15/03/2023
Tested Date : 15/03/2023 – 27/03/2023 Reported Date : 29/03/2023

Parameter	Unit	Method	Result	Standard ¹
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 มาตรฐานควบคุมการระบายน้ำทิ้งจากอาคารประเภท ค ข้อ 6 (7) ร้านอาหารตามประกาศกระทรวงทรัพยากรธรรมชาติและสิ่งแวดล้อม เรื่อง กำหนดมาตรฐานควบคุมการระบายน้ำทิ้งจากอาคารบางประเภท และบางขนาด
- Parameter Outside The Scope of The Registration of Department of Industrial Works
- Sampling By Mr. Parkpoom Buasawad (7-003-ก-7280)
- SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By

(Miss Apiradee Chuen-arom)

29/03/2023

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TEST REPORT

Request No. : W6603355

Report No. : 6603-1963

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 66031500

Sample Name : น้ำประปา

Sampling Date : 14/03/2023

Sampling By : ETC

Sampling Time : 10:05 AM

Sampling Method : Grab

Received Date : 15/03/2023

Tested Date : 15/03/2023 – 18/03/2023

Reported Date : 29/03/2023

Parameter	Unit	Method	Result
Total Dissolved Solids	mg/L	Dried at 103-105 degree celsius	212

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. Parkpoom Buasawad (ว-003-ก-7280)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By

(Miss Apiradee Chuen-arom)

29/03/2023

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Request No. : W6604121

Report No. : 6604-1120

TEST REPORT

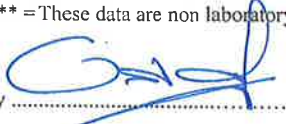
Customer : AGC Vinythai Public Co.,Ltd.**
Address : 202 Moo. 1 Suksawasdi Rd., T. Parkklongbangplakod , A. Prasamutjedi ,Samutprakarn 10290**
Sampling Source : AGC Vinythai Public Co.,Ltd.**
Sample Name : After Septic Canteen (อาคารโรงอาหาร)**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 05/04/2023 – 18/04/2023

Sample No. : W 66040481
Sampling Date : 04/04/2023**
Sampling Time : 10:50 AM**
Received Date : 05/04/2023
Reported Date : 19/04/2023

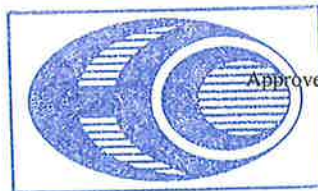
Parameter	Unit	Method	Result	Standard ¹¹
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	29.9	≤40
Oil and Grease @	mg/L	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤20
pH (on site)*		Electrometric Method	7.2	5-9
Sulfide*	mg/L as H ₂ S	ZnS Precipitation, Iodometric Method (SM:4500-S2-F)	1.91	≤3.0
Temperature*	°C	Laboratory and Field Method	31	-
Total Dissolved Solids *	mg/L	Dried at 103-105 degree celsius	326	***
Total Kjeldahl Nitrogen*	mg/L as NH ₃ -N	Macro Kjeldahl Method (SM:4500-Norg B)	27	≤40
Total Suspended Solids #	mg/L	Dried at 103-105 C (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. ¹¹ มาตรฐานควบคุมการระบายน้ำทิ้งจากอาคารประเภท ค ข้อ 6 (7) ร้านอาหารตามประกาศกระทรวงทรัพยากรธรรมชาติและสิ่งแวดล้อม เรื่อง กำหนดมาตรฐานควบคุมการระบายน้ำทิ้งจากอาคารบางประเภท และบางขนาด
2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.
3. Miss Apiradee Chuen-arom is Section Head / Mr. Kawee Suthasub is Technical Management.
4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Parkpoom Buasawad (ว-003-ก-7280)*
5. *** ต้องมีค่าเพิ่มขึ้นจากปริมาณสารละลายในน้ำใช้ตามปกติไม่เกิน 500 มิลลิกรัมต่อลิตร
6. ** = These data are non laboratory data.

Examined By 
(Miss Apiradee Chuen-arom)
(ว-003-ก-4377)

19/04/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By 
(Mr. Kawee Suthasub)
(ว-003-ก-2205)

19/04/2023

REPORTED TESTS REFER TO SUBMITTED SAMPLES ONLY
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Request No. : W6604121

TEST REPORT

Report No. : 6604-1120

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 66040481
 Sample Name : After Septic Canteen (อาคารโรงอาหาร) Sampling Date : 04/04/2023
 Sampling By : ETC Sampling Time : 10:50 AM
 Sampling Method : Grab Received Date : 05/04/2023
 Tested Date : 05/04/2023 – 18/04/2023 Reported Date : 19/04/2023

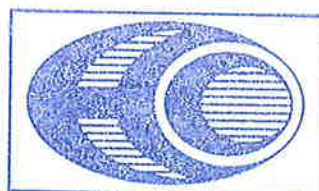
Parameter	Unit	Method	Result	Standard ¹⁾
Settleable Solid	ml/L	Volumetric Method (SM:2540F)	< 0.2	≤0.5

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⁾ มาตรฐานควบคุมการระบายน้ำทิ้งจากอาคารประเภท ค ข้อ 6 (7) ร้านอาหารตามประกาศกระทรวงทรัพยากรธรรมชาติและสิ่งแวดล้อม เรื่อง กำหนดมาตรฐานควบคุมการระบายน้ำทิ้งจากอาคารบางประเภท และบางขนาด
 - Parameter Outside The Scope of The Registration of Department of Industrial Works
 - Sampling By Mr. Parkpoom Buasawad (ว-003-ค-7280)
 - SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Examined By



(Miss Apiradee Chuen-arom)

19/04/2023

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TEST REPORT

Request No. : W6604121

Report No. : 6604-1121

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 66040482

Sample Name : น้ำประปา

Sampling Date : 04/04/2023

Sampling By : ETC

Sampling Time : 10:55 AM

Sampling Method : Grab

Received Date : 05/04/2023

Tested Date : 05/04/2023 – 08/04/2023

Reported Date : 19/04/2023

Parameter	Unit	Method	Result
Total Dissolved Solids	mg/L	Dried at 103-105 degree celsius	189

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. Parkpoom Buasawad (๖-003-๓-7280)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By

(Miss Apiradee Chuen-arom)

19/04/2023

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Request No. : W6605025

Report No. : 6605-1157

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 66050067
Sample Name : After Septic Canteen (อาคารโรงอาหาร)** Sampling Date : 02/05/2023**
Sampling By : ETC** Sampling Time : 10:10 AM**
Sampling Method : Grab** Received Date : 03/05/2023
Tested Date : 03/05/2023 – 16/05/2023 Reported Date : 18/05/2023

Parameter	Unit	Method	Result	Standard ^{1/}
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	9.2	≤40
Oil and Grease *	mg/L	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤20
pH (on site)*		Electrometric Method	7.2	5-9
Sulfide*	mg/L as H ₂ S	ZnS Precipitation, Iodometric Method (SM:4500-S2-F)	< 0.50	≤3.0
Temperature*	°C	Laboratory and Field Method	29	-
Total Dissolved Solids *	mg/L	Dried at 103-105 degree celsius	378	***
Total Kjeldahl Nitrogen*	mg/L as NH ₃ -N	Macro Kjeldahl Method (SM:4500-Norg B)	13	≤40
Total Suspended Solids #	mg/L	Dried at 103-105 C (SM:2540D)	13	≤50

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.^{1/} มาตรฐานควบคุมการระบายน้ำทิ้งจากอาคารประเภท ค ข้อ 6 (7) ร้านอาหารตามประกาศกระทรวงทรัพยากรธรรมชาติและสิ่งแวดล้อม เรื่อง กำหนดมาตรฐานควบคุมการระบายน้ำทิ้งจากอาคารบางประเภท และบางขนาด
2.# = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.
3. Miss Apiradee Chuen-arom is Section Head / Mr. Kawee Suthasub is Technical Management.
4.* = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwan (จ-003-ค-7279)*
5.*** ต้องมีค่าเพิ่มขึ้นจากปริมาณสารละลายในน้ำใช้ตามปกติไม่เกิน 500 มิลลิกรัมต่อลิตร
6.** = These data are non laboratory data.

Examined By

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

18/05/2023



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

18/05/2023

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Request No. : W6604121

TEST REPORT

Report No. : 6605-1157

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 66050067
Sample Name : After Septic Canteen (อาคารโรงอาหาร) Sampling Date : 02/05/2023
Sampling By : ETC Sampling Time : 10:10 AM
Sampling Method : Grab Received Date : 03/05/2023
Tested Date : 03/05/2023 – 16/05/2023 Reported Date : 18/05/2023

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

Physical Appearance :

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 :
- 1.¹⁾ 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 (ว-003-ค-7279)
 4. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด



Examined By

(Miss Apiradee Chuen-arom)

18/05/2023

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WITHOUT THE WRITTEN APPROVAL LABORATORY

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TEST REPORT

Request No. : W6604121

Report No. : 6605-1158

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 66050068
Sample Name : น้ำประปา Sampling Date : 02/05/2023
Sampling By : ETC Sampling Time : 10:00 AM
Sampling Method : Grab Received Date : 03/05/2023
Tested Date : 03/05/2023 – 16/05/2023 Reported Date : 18/05/2023

Parameter	Unit	Method	Result
Total Dissolved Solids	mg/L	Dried at 103-105 degree celsius	169

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 (๖-003-๓-7279)

Examined By 

(Miss Apiradee Chuen-arom)

18/05/2023

REPORTED TESTS REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY



Request No. : W6606138

Report No. : 6606-1283

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 66060568
Sample Name : After Septic Canteen (อาคารโรงอาหาร)** Sampling Date : 06/06/2023**
Sampling By : ETC** Sampling Time : 10:10 AM**
Sampling Method : Grab** Received Date : 07/06/2023
Tested Date : 07/06/2023 – 14/06/2023 Reported Date : 19/06/2023

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	7.8	≤40
Oil and Grease *	mg/L	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤20
pH (on site)*		Electrometric Method	7.4	5-9
Sulfide*	mg/L as H ₂ S	ZnS Precipitation, Iodometric Method (SM:4500-S2-F)	< 0.50	≤3.0
Temperature*	°C	Laboratory and Field Method	28	-
Total Dissolved Solids *	mg/L	Dried at 103-105 degree celsius	233	***
Total Kjeldahl Nitrogen*	mg/L as NH ₃ -N	Macro Kjeldahl Method (SM:4500-Norg B)	16	≤40
Total Suspended Solids #	mg/L	Dried at 103-105 C (SM:2540D)	6	≤50

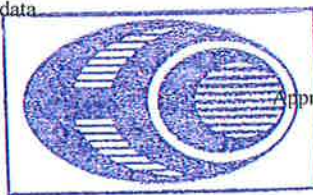
Physical Apperance :
1. Sample : yellow, lightly SS
2. Container : Normal [PE 0.5 L, PE 1.8 L, G 0.3 L (2 Bottle), G 1.0 L]

Remark :
1.¹ มาตรฐานควบคุมการระบายน้ำทิ้งจากอาคารประเภท ค ข้อ 6 (7) ร้านอาหารตามประกาศกระทรวงทรัพยากรธรรมชาติและสิ่งแวดล้อม เรื่อง กำหนดมาตรฐานควบคุมการระบายน้ำทิ้งจากอาคารบางประเภท และบางขนาด
2.# = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.
3. Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.
4.* = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan (ว-003-ค-7279)*
5.*** ต้องมีค่าเพิ่มขึ้นจากปริมาณสารละลายในน้ำใช้ตามปกติไม่เกิน 500 มิลลิกรัมต่อลิตร
6.** = These data are non laboratory data

Examined By
(Miss Apiradee Chuen-arom)

(ว-003-ค-4377)

19/06/2023



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By
(Miss Nunnaphat Bakhuntod)

(ว-003-ค-4367)

19/06/2023

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COPY

Request No. : W6606138

TEST REPORT

Report No. : 6606-1283

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 66060568
Sample Name : After Septic Canteen (อาคารโรงอาหาร) Sampling Date : 06/06/2023
Sampling By : ETC Sampling Time : 10:10 AM
Sampling Method : Grab Received Date : 07/06/2023
Tested Date : 07/06/2023 ~ 14/06/2023 Reported Date : 19/06/2023

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

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. ¹⁾ 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 (ว-003-ค-7279)
4. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

Examined By 

(Miss Apiradee Chuen-arom)

19/06/2023

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TEST REPORT

Request No. : W6606138

Report No. : 6606-1284

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 66060569

Sample Name : น้ำประปา Sampling Date : 06/06/2023

Sampling By : ETC Sampling Time : 10:05 AM

Sampling Method : Grab Received Date : 07/06/2023

Tested Date : 03/05/2023 – 12/05/2023 Reported Date : 19/06/2023

Parameter	Unit	Method	Result
Total Dissolved Solids	mg/L	Dried at 103-105 degree celsius	210

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 Phiwan (ว-003-ก-7279)



Examined By

(Miss Apiradee Chuen-arom)

19/06/2023

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Request No. : W6601002

Report No. : 6601-0906

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 66010002
Sample Name : Effluent** Sampling Date : 03/01/2023**
Sampling By : ETC** Sampling Time : 10:40 AM**
Sampling Method : Grab** Received Date : 04/01/2023
Tested Date : 04/01/2023 – 10/01/2023 Reported Date : 17/01/2023

Parameter	Unit	Method	Result	Standard ¹⁾
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	2.1	≤60 ²⁾
Chemical Oxygen Demand #	mg/l	Closed Reflux, Titrimetric Method (SM:5220C)	89	≤120
Oil and Grease @	mg/l	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤5
pH (on site) *		Electrometric Method	8.6	5.5-9.0
Temperature*	°C	Laboratory and Field Method	32	≤40

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

Remark :
1.¹⁾ Industrial Effluent Standard , Notification of the Ministry of Industry , B.E. 2560 (2017)
2.²⁾ มาตรฐานตามประกาศกรมโรงงานอุตสาหกรรม เรื่องกำหนดคุณลักษณะน้ำทิ้งที่ระบายออกนอกโรงงานให้มีค่าแตกต่างจากที่กำหนดไว้ในประกาศกระทรวงอุตสาหกรรม ฉบับที่ 2 (พ.ศ.2539) เรื่อง กำหนดคุณลักษณะของน้ำทิ้งที่ระบายออกจากโรงงาน : มาตรฐานสำหรับโรงงานลำดับที่ 42 (1) (การทำเคมีภัณฑ์ สารเคมี หรือวัสดุเคมี)
3.@ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.
4. Miss Apiradee Chuen-arom is Section Head / Mr. Kawee Suthasub is Technical Management.
5.* = Test Report/Sampling marked Not Accredited, Sampling By Mr. Nitchaphon Tonglor (จ-003-จ-5638)*
6.*** ของแข็งละลายน้ำทั้งหมด (Total Dissolved Solids) กรณีระบายลงแหล่งน้ำ ต้องไม่เกิน 3,000 mg/l และกรณีระบายลงแหล่งน้ำที่มีค่าของแข็งละลายน้ำทั้งหมดเกินกว่า 3,000 mg/l ค่าของแข็งละลายน้ำทั้งหมดในน้ำทิ้งที่จะระบายได้ต้องมีค่าเกินกว่าค่าของแข็งละลายน้ำทั้งหมดที่ปล่อยในแหล่งน้ำนั้นไม่เกิน 5,000 mg/l

7.** = These data are non laboratory data

Examined By

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

17/01/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

17/01/2023

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COPY

Request No. : W6601002

Report No. : 6601-0906

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 Name : Effluent**
Sampling By : ETC**
Sampling Method : Grab**
Tested Date : 04/01/2023 – 10/01/2023
Sample No. : W 66010002
Sampling Date : 03/01/2023**
Sampling Time : 10:40 AM**
Received Date : 04/01/2023
Reported Date : 17/01/2023

Parameter	Unit	Method	Result	Standard ^{1/}
Total Dissolved Solids *	mg/l	Dried at 180 C (SM:2540C)	10,200	16,150***
Total Kjeldahl Nitrogen*	mg/l as NH ₃ -N	Macro Kjeldahl Method (SM:4500-Norg B)	< 5	≤100
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	15	≤50

Physical Apperance : 1. Sample : yellowish, lightly SS

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

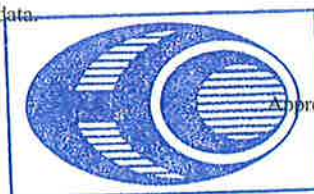
- Remark :
- ^{1/} Industrial Effluent Standard , Notification of the Ministry of Industry , B.E. 2560 (2017)
 - ^{2/} มาตรฐานตามประกาศกรมโรงงานอุตสาหกรรม เรื่องกำหนดคุณลักษณะน้ำทิ้งที่ระบายออกนอกโรงงานให้มีค่าแตกต่างจากที่กำหนดไว้ในประกาศกระทรวงอุตสาหกรรม ฉบับที่ 2 (พ.ศ.2539) เรื่อง กำหนดคุณลักษณะของน้ำทิ้งที่ระบายออกจากโรงงาน : มาตรฐานสำหรับ โรงงานลำดับที่ 42 (1) (การทำเคมีภัณฑ์ สารเคมี หรือวัสดุเคมี)
 - [@] = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.
 - Miss Apiradee Chuen-arom is Section Head / Mr. Kawee Suthasub is Technical Management.
 - ^{*} = Test Report/Sampling marked Not Accredited, Sampling By Mr. Nitchaphon Tonglor (ว-003-จ-5638)*
 - ^{***} ของแข็งละลายน้ำทั้งหมด (Total Dissolved Solids) กรณีระบายลงแหล่งน้ำ ต้องไม่เกิน 3,000 mg/l และกรณีระบายลงแหล่งน้ำที่มีค่าของแข็งละลายน้ำทั้งหมดเกินกว่า 3,000 mg/l ค่าของแข็งละลายน้ำทั้งหมดในน้ำทิ้งที่จะระบายได้ต้องมีค่าเกินกว่าค่าของแข็งละลายน้ำทั้งหมดที่มีอยู่ในแหล่งน้ำนั้นไม่เกิน 5,000 mg/l
 - ^{**} = These data are non laboratory data.

Examined By

(Miss Apiradee Chuen-arom)

(ว-003-ค-4377)

17/01/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By

(Mr. Kawee Suthasub)

(ว-003-ค-2205)

17/01/2023

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Test Report

Request No : W6601003

Report No : 6601-0645

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 66010008

Sample Name : Effluent

Sampling Date : 03/01/2023

Sampling By : ETC

Sampling Time : 10:40 AM

Sampling Method : Grab

Received Date : 04/01/2023

Tested Date : 04/01/2023 - 07/01/2023

Reported Date : 11/01/2023

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

Physical Appearance : 1. Sample : lightly SS

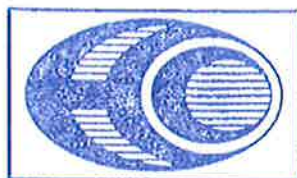
2. Container : Normal [PE 0.5 L, PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /I 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, 23rd Edition, 2017

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

4. Sampling By Mr. Nitchaphon Tonglor (T-003-0-5638)



บริษัท อีสเทิร์นไทยคอนซัลต์ติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

11/01/2023

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Page 1 of 1

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TEST REPORT

Request No. : W6601002

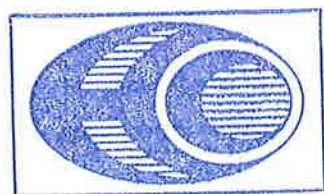
Report No. : 6601-0907-1

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 66010003
Sample Name : แม่น้ำเจ้าพระยา Sampling Date : 03/01/2023
Sampling By : ETC Sampling Time : 10:35 AM
Sampling Method : Grab Received Date : 04/01/2023
Tested Date : 04/01/2023 – 06/01/2023 Reported Date : 27/02/2023

Parameter	Unit	Method	Result	Standard ^{1/}
Total Dissolved Solids	mg/l	Dried at 180 C (SM:2540C)	11,150	-

Physical Apperance : 1. Sample : lightly SS
2. Container : Normal [PE 1.0 L]
Remark : 1. ^{1/} 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, 23rd Edition, 2017.
4. Sampling By Mr. Nitchaphon Tonglor (ว-003-ก-5638)

SUPPLEMENT TO TEST REPORT NO. 6601-0907



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Examined By

(Miss Apiradee Chuen-arom)

27/02/2023

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Request No. : W6602217

Report No. : 6602-1242

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 : 08/02/2023 – 15/02/2023

Sample No. : W 66020957
Sampling Date : 07/02/2023**
Sampling Time : 10:15 AM**
Received Date : 08/02/2023
Reported Date : 20/02/2023

Parameter	Unit	Method	Result	Standard ¹⁾
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	< 2.0	≤60 ²⁾
Chemical Oxygen Demand #	mg/l	Closed Reflux, Titrimetric Method (SM:5220C)	44	≤120
Oil and Grease @	mg/l	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	31	≤40

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

Remark :
1.¹⁾ Industrial Effluent Standard , Notification of the Ministry of Industry , B.E. 2560 (2017)
2.²⁾ มาตรฐานตามประกาศกรมโรงงานอุตสาหกรรม เรื่องกำหนดคุณลักษณะน้ำทิ้งที่ระบายออกนอกโรงงานให้มีค่าแตกต่างจากที่กำหนดไว้ในประกาศกระทรวงอุตสาหกรรม ฉบับที่ 2 (พ.ศ.2539) เรื่อง กำหนดคุณลักษณะของน้ำทิ้งที่ระบายออกจากโรงงาน : มาตรฐานสำหรับโรงงานลำดับที่ 42 (1) (การทำเคมีภัณฑ์ สารเคมี หรือวัสดุเคมี)
3.@ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.
4. Miss Apiradee Chuen-arom is Section Head / Mr. Kawee Suthasub is Technical Management.
5.* = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan (ว-003-ค-7279)*
6.*** ของแข็งละลายน้ำทั้งหมด (Total Dissolved Solids) กรณีระบายลงแหล่งน้ำ ต้องไม่เกิน 3,000 mg/l และกรณีระบายลงแหล่งน้ำที่มีค่าของแข็งละลายน้ำทั้งหมดเกินกว่า 3,000 mg/l ค่าของแข็งละลายน้ำทั้งหมดในน้ำทิ้งที่จะระบายได้ต้องมีค่าเกินกว่าค่าของแข็งละลายน้ำทั้งหมดที่มีอยู่ในแหล่งน้ำนั้นไม่เกิน 5,000 mg/l

7.** = These data are non laboratory data

Examined By
(Miss Apiradee Chuen-arom)

(ว-003-ค-4377)
20/02/2023



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By

(Mr. Kawee Suthasub)
(ว-003-ค-2205)
20/02/2023

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Request No. : W6602217

Report No. : 6602-1242

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 66020957
Sample Name : Effluent** Sampling Date : 07/02/2023**
Sampling By : ETC** Sampling Time : 10:15 AM**
Sampling Method : Grab** Received Date : 08/02/2023
Tested Date : 08/02/2023 – 15/02/2023 Reported Date : 20/02/2023

Parameter	Unit	Method	Result	Standard ¹⁾
Total Dissolved Solids *	mg/l	Dried at 180 C (SM:2540C)	3,844	23,250***
Total Kjeldahl Nitrogen*	mg/l as NH ₃ -N	Macro Kjeldahl Method (SM:4500-Norg B)	< 5	≤100
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	< 5	≤50

Physical Apperance : 1. Sample : yellow, lightly SS

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

- Remark :
- ¹⁾ Industrial Effluent Standard , Notification of the Ministry of Industry , B.E. 2560 (2017)
 - ²⁾ มาตรฐานตามประกาศกรมโรงงานอุตสาหกรรม เรื่องกำหนดคุณลักษณะน้ำทิ้งที่ระบายออกนอกโรงงานให้มีค่าแตกต่างจากที่กำหนดไว้ในประกาศกระทรวงอุตสาหกรรม ฉบับที่ 2 (พ.ศ.2539) เรื่อง กำหนดคุณลักษณะของน้ำทิ้งที่ระบายออกจากโรงงาน : มาตรฐานสำหรับโรงงานลำดับที่ 42 (1) (การทำเคมีภัณฑ์ สารเคมี หรือวัสดุเคมี)
 - @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.
 - Miss Apiradee Chuen-arom is Section Head / Mr. Kawee Suthasub is Technical Management.
 - * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan (ว-003-ค-7279)*
 - *** ของแข็งละลายน้ำทั้งหมด (Total Dissolved Solids) กรณีระบายลงแหล่งน้ำ ต้องไม่เกิน 3,000 mg/l และกรณีระบายลงแหล่งน้ำที่มีค่าของแข็งละลายน้ำทั้งหมดเกินกว่า 3,000 mg/l ค่าของแข็งละลายน้ำทั้งหมดในน้ำทิ้งที่ระบายได้ต้องมีค่าเกินกว่าค่าของแข็งละลายน้ำทั้งหมดที่มีอยู่ในแหล่งน้ำนั้นไม่เกิน 5,000 mg/l

7.** = These data are non laboratory data.

Examined By

(Miss Apiradee Chuen-arom)

(ว-003-ค-4377)

20/02/2023



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By

(Mr. Kawee Suthasub)

(ว-003-ค-2205)

20/02/2023

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COPY

Test Report

Request No : W6602218

Report No : 6602-1265

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 66020963

Sample Name : Effluent

Sampling Date : 07/02/2023

Sampling By : ETC

Sampling Time : 10:25 AM

Sampling Method : Grab

Received Date : 08/02/2023

Tested Date : 08/02/2023 - 13/02/2023

Reported Date : 20/02/2023

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

Physical Apperance : 1. Sample : yellow, lightly SS

2. Container : Normal [PE 0.5 L, PE 1.0 L, PE 1.8 L, G 1.0 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, 23rd Edition, 2017

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

4. Sampling By Mr. Songpon Phiwuan (จ-003-ค-7279)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

20/02/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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TEST REPORT

Request No. : W6602217

Report No. : 6602-1243

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 66020958

Sample Name : แม่น้ำเจ้าพระยา

Sampling Date : 07/02/2023

Sampling By : ETC

Sampling Time : 10:35 AM

Sampling Method : Grab

Received Date : 08/02/2023

Tested Date : 08/02/2023 – 10/02/2023

Reported Date : 20/02/2023

Parameter	Unit	Method	Result	Standard ^{/1}
Total Dissolved Solids	mg/l	Dried at 180 C (SM:2540C)	18,250	-

Physical Apperance : 1. Sample : yellow, lightly SS

2. Container : Normal [PE 1.0 L]

Remark : 1. ^{/1} 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, 23rd Edition, 2017.

4. Sampling By Mr. Songpon Phiwan (ว-003-ค-7279)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By



(Miss Apiradee Chuen-arom)

20/02/2023

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Request No. : W6603161

Report No. : 6603-1650

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 66030766
Sample Name : Effluent** Sampling Date : 07/03/2023**
Sampling By : ETC** Sampling Time : 10:35 AM**
Sampling Method : Grab** Received Date : 08/03/2023
Tested Date : 08/03/2023 – 18/03/2023 Reported Date : 25/03/2023

Parameter	Unit	Method	Result	Standard ^{1/}
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	2.5	≤60 ^{2/}
Chemical Oxygen Demand #	mg/L	Closed Reflux, Titrimetric Method (SM:5220C)	62	≤120
Oil and Grease @	mg/L	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤5
pH (on site) *		Electrometric Method	8.0	5.5-9.0
Temperature*	°C	Laboratory and Field Method	33	≤40

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

Remark :
1.^{1/} Industrial Effluent Standard , Notification of the Ministry of Industry , B.E. 2560 (2017)
2.^{2/} มาตรฐานตามประกาศกรมโรงงานอุตสาหกรรม เรื่องกำหนดคุณลักษณะน้ำทิ้งที่ระบายออกนอกโรงงานให้มีค่าแตกต่างจากที่กำหนดไว้ในประกาศกระทรวงอุตสาหกรรม ฉบับที่ 2 (พ.ศ.2539) เรื่อง กำหนดคุณลักษณะของน้ำทิ้งที่ระบายออกจากโรงงาน : มาตรฐานสำหรับโรงงานลำดับที่ 42 (1) (การทำเคมีภัณฑ์ สารเคมี หรือวัสดุเคมี)
3.@ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.
4. Miss Apiradee Chuen-arom is Section Head / Mr. Kawee Suthasub is Technical Management.
5.* = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang (จ-003-จ-5637)*
6.*** ของแข็งละลายน้ำทั้งหมด (Total Dissolved Solids) กรณีระบายลงแหล่งน้ำ ต้องไม่เกิน 3,000 mg/l และกรณีระบายลงแหล่งน้ำที่มีค่าของแข็งละลายน้ำทั้งหมดเกินกว่า 3,000 mg/l ค่าของแข็งละลายน้ำทั้งหมดในน้ำทิ้งที่ระบายได้ต้องมีค่าเกินกว่าค่าของแข็งละลายน้ำทั้งหมดที่มีอยู่ในแหล่งน้ำนั้นไม่เกิน 5,000 mg/l

7.** = These data are non laboratory data

Examined By

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

25/03/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

25/03/2023

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WITHOUT THE WRITTEN APPROVAL LABORATORY

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Request No. : W6603161

Report No. : 6603-1650

TEST REPORT

Customer	: AGC Vinythai Public Co.,Ltd.**	Sample No.	: W 66030766
Address	: 202 Moo. 1 Suksawasdi Rd.,T. Parkklongbangplakod , A. Prasamutjedi ,Samutprakarn 10290**	Sampling Date	: 07/03/2023**
Sampling Source	: AGC Vinythai Public Co.,Ltd.**	Sampling Time	: 10:35 AM**
Sample Name	: Effluent**	Received Date	: 08/03/2023
Sampling By	: ETC**	Reported Date	: 25/03/2023
Sampling Method	: Grab**		
Tested Date	: 08/03/2023 – 18/03/2023		

Parameter	Unit	Method	Result	Standard ^{1/}
Total Dissolved Solids *	mg/L	Dried at 180 C (SM:2540C)	4,700	17,950***
Total Kjeldahl Nitrogen*	mg/L as NH ₃ -N	Macro Kjeldahl Method (SM:4500-Norg B)	< 5	≤100
Total Suspended Solids #	mg/L	Dried at 103-105 C (SM:2540D)	6	≤50

Physical Appearance :

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

- Remark :
- 1.^{1/} Industrial Effluent Standard , Notification of the Ministry of Industry , B.E. 2560 (2017)
 - 2.^{2/} มาตรฐานตามประกาศกรมโรงงานอุตสาหกรรม เรื่องกำหนดคุณลักษณะน้ำทิ้งที่ระบายออกนอกโรงงานให้มีค่าแตกต่างจากที่กำหนดไว้ในประกาศกระทรวงอุตสาหกรรม ฉบับที่ 2 (พ.ศ.2539) เรื่อง กำหนดคุณลักษณะของน้ำทิ้งที่ระบายออกจากโรงงาน : มาตรฐานสำหรับโรงงานลำดับที่ 42 (1) (การทำเคมีภัณฑ์ สารเคมี หรือวัสดุเคมี)
 - 3.@ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.
 4. Miss Apiradee Chuen-arom is Section Head / Mr. Kawee Suthasub is Technical Management.
 - 5.* = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang (จ-003-จ-5637)*
 - 6.*** ของแข็งละลายน้ำทั้งหมด (Total Dissolved Solids) กรณีระบายลงแหล่งน้ำ ต้องไม่เกิน 3,000 mg/l และกรณีระบายลงแหล่งน้ำที่มีค่าของแข็งละลายน้ำทั้งหมดเกินกว่า 3,000 mg/l ค่าของแข็งละลายน้ำทั้งหมดในน้ำทิ้งที่ระบายได้ต้องมีค่าเกินกว่าค่าของแข็งละลายน้ำทั้งหมดที่มีอยู่ในแหล่งน้ำนั้น ไม่เกิน 5,000 mg/l

7.** = These data are non laboratory data.

Examined By

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

25/03/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

25/03/2023

REPORTED TESTS REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6603162

Report No : 6603-0981

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 66030772

Sample Name : Effluent

Sampling Date : 07/03/2023

Sampling By : ETC

Sampling Time : 10:35 AM

Sampling Method : Grab

Received Date : 08/03/2023

Tested Date : 08/03/2023 - 15/03/2023

Reported Date : 17/03/2023

Parameter	Unit	Method	Result	Standard ^{1/}
Chlorine (Residual)	mg/L as Cl ₂	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. /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, 23rd Edition, 2017

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

4. Sampling By Mr. Supharek Phatklang (ว-003-จ-5637)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

17/03/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

TEST REPORT

Request No. : W6603161

Report No. : 6603-1651

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 66030767

Sample Name : แม่น้ำเจ้าพระยา

Sampling Date : 07/03/2023

Sampling By : ETC

Sampling Time : 10:50 AM

Sampling Method : Grab

Received Date : 08/03/2023

Tested Date : 08/03/2023 – 10/03/2023

Reported Date : 25/03/2023

Parameter	Unit	Method	Result	Standard ¹⁾
Total Dissolved Solids	mg/L	Dried at 180 C (SM:2540C)	12,950	-

Physical Apperance :

1. Sample : yellowish, turbid

2. Container : Normal [PE 1.0 L]

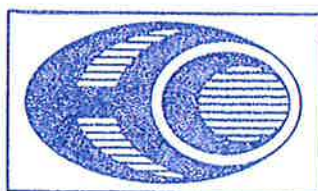
Remark :

1. ¹⁾ 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, 23rd Edition, 2017.

4. Sampling By Mr. Supharek Phatklang (๖-003-๖-5637)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By



(Miss Apiradee Chuen-arom)

25/03/2023

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Request No. : W6604121

Report No. : 6604-1117

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 : 05/04/2023 – 12/04/2023

Sample No. : W 66040478
Sampling Date : 04/04/2023**
Sampling Time : 11:10 AM**
Received Date : 05/04/2023
Reported Date : 19/04/2023

Parameter	Unit	Method	Result	Standard [#]
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	< 2.0	≤60 ²
Chemical Oxygen Demand #	mg/L	Closed Reflux, Titrimetric Method (SM:5220C)	< 40	≤120
Oil and Grease @	mg/L	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤5
pH (on site) *		Electrometric Method	7.8	5.5-9.0
Temperature*	°C	Laboratory and Field Method	34	≤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 :
1.¹ Industrial Effluent Standard , Notification of the Ministry of Industry , B.E. 2560 (2017)
2.² มาตรฐานตามประกาศกรมโรงงานอุตสาหกรรม เรื่องกำหนดคุณลักษณะน้ำทิ้งที่ระบายออกนอกโรงงานให้มีค่าแตกต่างจากที่กำหนดไว้ในประกาศกระทรวงอุตสาหกรรม ฉบับที่ 2 (พ.ศ.2539) เรื่อง กำหนดคุณลักษณะของน้ำทิ้งที่ระบายออกจากโรงงาน : มาตรฐานสำหรับโรงงานลำดับที่ 42 (1) (การทำเคมีภัณฑ์ สารเคมี หรือวัสดุเคมี)
3.@ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.
4. Miss Apiradee Chuen-arom is Section Head / Mr. Kawee Suthasub is Technical Management.
5.* = Test Report/Sampling marked Not Accredited, Sampling By Mr. Parkpoom Buasawad (ว-003-ก-7280)*
6.*** ของแข็งละลายน้ำทั้งหมด (Total Dissolved Solids) กรณีระบายลงแหล่งน้ำ ต้องไม่เกิน 3,000 mg/l และกรณีระบายลงแหล่งน้ำที่มีค่าของแข็งละลายน้ำทั้งหมดเกินกว่า 3,000 mg/l ค่าของแข็งละลายน้ำทั้งหมดในน้ำทิ้งที่จะระบายได้ต้องมีค่าเกินกว่าค่าของแข็งละลายน้ำทั้งหมดที่มีอยู่ในแหล่งน้ำนั้นไม่เกิน 5,000 mg/l

7.** = These data are non laboratory data

Examined By
(Miss Apiradee Chuen-arom)

(ว-003-ก-4377)
19/04/2023



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By
(Mr. Kawee Suthasub)

(ว-003-ก-2205)
19/04/2023

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Request No. : W6604121

Report No. : 6604-1117

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 : 05/04/2023 – 12/04/2023

Sample No. : W 66040478
Sampling Date : 04/04/2023**
Sampling Time : 11:10 AM**
Received Date : 05/04/2023
Reported Date : 19/04/2023

Parameter	Unit	Method	Result	Standard ¹⁾
Total Dissolved Solids #	mg/L	Dried at 180 C (SM:2540C)	6,150	13,400***
Total Kjeldahl Nitrogen*	mg/L as NH ₃ -N	Macro Kjeldahl Method (SM:4500-Norg B)	< 5	≤100
Total Suspended Solids #	mg/L	Dried at 103-105 C (SM:2540D)	12	≤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]

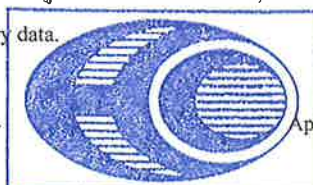
- Remark :
- 1.¹⁾ Industrial Effluent Standard , Notification of the Ministry of Industry , B.E. 2560 (2017)
 - 2.²⁾ มาตรฐานตามประกาศกรมโรงงานอุตสาหกรรม เรื่องกำหนดคุณลักษณะน้ำทิ้งที่ระบายออกนอกโรงงานให้มีค่าแตกต่างจากที่กำหนดไว้ในประกาศกระทรวงอุตสาหกรรม ฉบับที่ 2 (พ.ศ.2539) เรื่อง กำหนดคุณลักษณะของน้ำทิ้งที่ระบายออกจากโรงงาน : มาตรฐานสำหรับ โรงงานลำดับที่ 42 (1) (การทำเคมีภัณฑ์ สารเคมี หรือวัสดุเคมี)
 - 3.@ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.
 4. Miss Apiradee Chuen-arom is Section Head / Mr. Kawee Suthasub is Technical Management.
 - 5.* = Test Report/Sampling marked Not Accredited, Sampling By Mr. Parkpoom Buasawad (จ-003-ค-7280)*
 - 6.*** ของแข็งละลายน้ำทั้งหมด (Total Dissolved Solids) กรณีระบายลงแหล่งน้ำ ต้องไม่เกิน 3,000 mg/l และกรณีระบายลงแหล่งน้ำที่มีค่าของแข็งละลายน้ำทั้งหมดเกินกว่า 3,000 mg/l ค่าของแข็งละลายน้ำทั้งหมดในน้ำทิ้งที่จะระบายได้ต้องมีค่าเกินกว่าค่าของแข็งละลายน้ำทั้งหมดที่มีอยู่ในแหล่งน้ำนั้นไม่เกิน 5,000 mg/l
 - 7.** = These data are non laboratory data.

Examined By

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

19/04/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By

(Mr. Kawee Suthasub)

(จ-003-ค-2205)

19/04/2023

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Test Report

Request No : W6604122

Report No : 6604-1123

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 66040484

Sample Name : Effluent

Sampling Date : 04/04/2023

Sampling By : ETC

Sampling Time : 11:10 AM

Sampling Method : Grab

Received Date : 05/04/2023

Tested Date : 05/04/2023 - 11/04/2023

Reported Date : 19/04/2023

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

Physical Apperance : 1. Sample : lightly SS

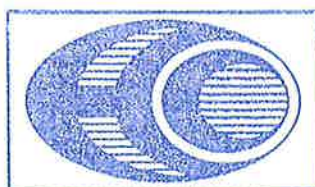
2. Container : Normal [PE 0.5 L, PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /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, 23rd Edition, 2017

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

4. Sampling By Mr. Parkpoom Buasawad (ว-003-ค-7280)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

19/04/2023

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TEST REPORT

Request No. : W6604121

Report No. : 6604-1118

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 66040479
Sample Name : แม่น้ำเจ้าพระยา** Sampling Date : 04/04/2023**
Sampling By : ETC** Sampling Time : 11:30 AM**
Sampling Method : Grab** Received Date : 05/04/2023
Tested Date : 05/04/2023 – 08/04/2023 Reported Date : 19/04/2023

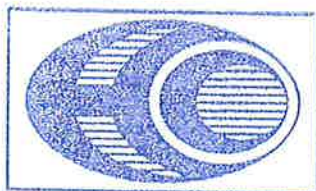
Parameter	Unit	Method	Result	Standard ¹
Total Dissolved Solids #	mg/L	Dried at 180 C (SM:2540C)	8,400	-

Physical Apperance :

1. Sample : yellow, turbid

2. Container : Normal [PE 1.0 L]

Remark :
1.¹ 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.# = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017
4. Mr. Kawee Suthasub is Technical Management.
5.* = Test Report/Sampling marked Not Accredited, Sampling By Mr. Parkpoom Buasawad (ว-003-ค-7280)*
6.** = These data are non laboratory data.



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By 

(Mr. Kawee Suthasub)

19/04/2023

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Request No. : W6605025

Report No. : 6605-1154

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 66050064
Sample Name : Effluent** Sampling Date : 02/05/2023**
Sampling By : ETC** Sampling Time : 10:20 AM**
Sampling Method : Grab** Received Date : 03/05/2023
Tested Date : 03/05/2023 – 10/05/2023 Reported Date : 18/05/2023

Parameter	Unit	Method	Result	Standard ¹⁾
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	< 2.0	≤60 ²⁾
Chemical Oxygen Demand #	mg/L	Closed Reflux, Titrimetric Method (SM:5220C)	64	≤120
Oil and Grease *	mg/L	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	29	≤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 :
1.¹⁾ Industrial Effluent Standard , Notification of the Ministry of Industry , B.E. 2560 (2017)
2.²⁾ มาตรฐานตามประกาศกรมโรงงานอุตสาหกรรม เรื่องกำหนดคุณลักษณะน้ำทิ้งที่ระบายออกนอกโรงงานให้มีค่าแตกต่างจากที่กำหนดไว้ในประกาศกระทรวงอุตสาหกรรม ฉบับที่ 2 (พ.ศ.2539) เรื่อง กำหนดคุณลักษณะของน้ำทิ้งที่ระบายออกจากโรงงาน : มาตรฐานสำหรับโรงงานลำดับที่ 42 (1) (การทำเคมีภัณฑ์ สารเคมี หรือวัสดุเคมี)
3.# = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.
4. Miss Apiradee Chuen-arom is Section Head / Mr. Kawee Suthasub is Technical Management.
5.* = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan (ว-003-ค-7279)*
6.*** ของแข็งละลายน้ำทั้งหมด (Total Dissolved Solids) กรณีระบายลงแหล่งน้ำ ต้องไม่เกิน 3,000 mg/l และกรณีระบายลงแหล่งน้ำที่มีค่าของแข็งละลายน้ำทั้งหมดเกินกว่า 3,000 mg/l ค่าของแข็งละลายน้ำทั้งหมดในน้ำทิ้งที่ระบายได้ต้องมีค่าเกินกว่าค่าของแข็งละลายน้ำทั้งหมดที่มีอยู่ในแหล่งน้ำรับไม่เกิน 5,000 mg/l
7.** = These data are non laboratory data

Examined By

(Miss Apiradee Chuen-arom)

(ว-003-ค-4377)

18/05/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By

(Mr. Kawee Suthasub)

(ว-003-ค-2205)

18/05/2023

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Tel. 0-3848-1197-8, 0-3876-3031-2 Fax : 0-3848-2095 E-mail : marketing@etc1992.com



TESTING
No.0159

Request No. : W6605025

Report No. : 6605-1154

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 66050064
Sample Name : Effluent** Sampling Date : 02/05/2023**
Sampling By : ETC** Sampling Time : 10:20 AM**
Sampling Method : Grab** Received Date : 03/05/2023
Tested Date : 03/05/2023 – 10/05/2023 Reported Date : 18/05/2023

Parameter	Unit	Method	Result	Standard ¹⁾
Total Dissolved Solids #	mg/L	Dried at 180 C (SM:2540C)	5,312	19,440***
Total Kjeldahl Nitrogen*	mg/L as NH ₃ -N	Macro Kjeldahl Method (SM:4500-Norg B)	< 5	≤100
Total Suspended Solids #	mg/L	Dried at 103-105 C (SM:2540D)	6	≤50

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 :

1.¹⁾ Industrial Effluent Standard , Notification of the Ministry of Industry , B.E. 2560 (2017)

2.²⁾ มาตรฐานตามประกาศกรมโรงงานอุตสาหกรรม เรื่องกำหนดคุณลักษณะน้ำทิ้งที่ระบายออกนอกโรงงานให้มีค่าแตกต่างจากที่กำหนดไว้ในประกาศกระทรวงอุตสาหกรรม ฉบับที่ 2 (พ.ศ.2539) เรื่อง กำหนดคุณลักษณะของน้ำทิ้งที่ระบายออกจากโรงงาน : มาตรฐานสำหรับโรงงานลำดับที่ 42 (1) (การทำเคมีภัณฑ์ สารเคมี หรือวัสดุเคมี)

3.# = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

4. Miss Apiradee Chuen-arom is Section Head / Mr. Kawee Suthasub is Technical Management.

5.* = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan (จ-003-ก-7279)*

6.*** ของแข็งละลายน้ำทั้งหมด (Total Dissolved Solids) กรณีระบายลงแหล่งน้ำ ต้องไม่เกิน 3,000 mg/l และกรณีระบายลงแหล่งน้ำที่มีค่าของแข็งละลายน้ำทั้งหมดเกินกว่า 3,000 mg/l ค่าของแข็งละลายน้ำทั้งหมดในน้ำทิ้งที่ระบายได้ต้องมีค่าเกินกว่าค่าของแข็งละลายน้ำทั้งหมดที่มีอยู่ในแหล่งน้ำนั้นไม่เกิน 5,000 mg/l

7.** = These data are non laboratory data.

Examined By

(Miss Apiradee Chuen-arom)

(จ-003-ก-4377)

18/05/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By

(Mr. Kawee Suthasub)

(จ-003-ก-2205)

18/05/2023

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Test Report

Request No : W6605026

Report No : 6605-0461

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 66050070

Sample Name : Effluent

Sampling Date : 02/05/2023

Sampling By : ETC

Sampling Time : 10:20 AM

Sampling Method : Grab

Received Date : 03/05/2023

Tested Date : 03/05/2023 - 06/05/2023

Reported Date : 11/05/2023

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

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. /I 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, 23rd Edition, 2017

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

4. Sampling By Mr. Songpon Phiwuan (ว-003-ก-7279)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)

11/05/2023

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TEST REPORT

Request No. : W6605025

Report No. : 6605-1155

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 66050065
Sample Name : แม่น้ำเจ้าพระยา Sampling Date : 02/05/2023
Sampling By : ETC Sampling Time : 10:40 AM
Sampling Method : Grab Received Date : 03/05/2023
Tested Date : 03/05/2023 – 09/05/2023 Reported Date : 18/05/2023

Parameter	Unit	Method	Result	Standard ^{/1}
Total Dissolved Solids	mg/L	Dried at 180 C (SM:2540C)	14,440	

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

Remark :
1.^{/1} 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, 23rd Edition, 2017.
4. Sampling By Mr. Songpon Phiwan (ว-003-ค-7279)



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Examined By

(Miss Apiradee Chuen-arom)

18/05/2023

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Request No. : W6606138

Report No. : 6606-1280

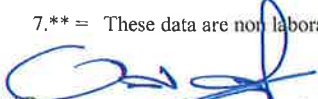
TEST REPORT

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 66060565
Sample Name : Effluent** Sampling Date : 06/06/2023**
Sampling By : ETC** Sampling Time : 10:30 AM**
Sampling Method : Grab** Received Date : 07/06/2023
Tested Date : 07/06/2023 – 14/06/2023 Reported Date : 19/06/2023


Parameter	Unit	Method	Result	Standard ¹⁾
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	< 2.0	≤60 ²⁾
Chemical Oxygen Demand #	mg/L	Closed Reflux, Titrimetric Method (SM:5220C)	41	≤120
Oil and Grease *	mg/L	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤5
pH (on site) *		Electrometric Method	7.4	5.5-9.0
Temperature*	°C	Laboratory and Field Method	31	≤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 :
1.¹⁾ Industrial Effluent Standard , Notification of the Ministry of Industry , B.E. 2560 (2017)
2.²⁾ มาตรฐานตามประกาศกรมโรงงานอุตสาหกรรม เรื่องกำหนดคุณลักษณะน้ำทิ้งที่ระบายออกนอกโรงงานให้มีค่าแตกต่างจากที่กำหนดไว้ในประกาศกระทรวงอุตสาหกรรม ฉบับที่ 2 (พ.ศ.2539) เรื่อง กำหนดคุณลักษณะของน้ำทิ้งที่ระบายออกจากโรงงาน : มาตรฐานสำหรับโรงงานลำดับที่ 42 (1) (การทำเคมีภัณฑ์ สารเคมี หรือวัสดุเคมี)
3.# = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.
4. Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.
5.* = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan (ว-003-ค-7279)*
6.*** ของแข็งละลายน้ำทั้งหมด (Total Dissolved Solids) กรณีระบายลงแหล่งน้ำ ต้องไม่เกิน 3,000 mg/l และกรณีระบายลงแหล่งน้ำที่มีค่าของแข็งละลายน้ำทั้งหมดเกินกว่า 3,000 mg/l ค่าของแข็งละลายน้ำทั้งหมดในน้ำทิ้งที่จะระบายได้ต้องมีค่าไม่เกินกว่าค่าของแข็งละลายน้ำทั้งหมดที่มีอยู่ในแหล่งน้ำนั้นไม่เกิน 5,000 mg/l

7.** = These data are non laboratory data
Examined By 
(Miss Apiradee Chuen-arom)
(ว-003-ค-4377)
19/06/2023



Approved By 
(Miss Nunnaphat Bakhuntod)
(ว-003-ค-4367)
19/06/2023

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Request No. : W6606138

Report No. : 6606-1280

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 66060565
Sample Name : Effluent** Sampling Date : 06/06/2023**
Sampling By : ETC** Sampling Time : 10:30 AM**
Sampling Method : Grab** Received Date : 07/06/2023
Tested Date : 07/06/2023 – 14/06/2023 Reported Date : 19/06/2023

Parameter	Unit	Method	Result	Standard ¹⁾
Total Dissolved Solids #	mg/L	Dried at 180 C (SM:2540C)	4,550	17,200***
Total Kjeldahl Nitrogen*	mg/L as NH ₃ -N	Macro Kjeldahl Method (SM:4500-Norg B)	< 5	≤100
Total Suspended Solids #	mg/L	Dried at 103-105 C (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]

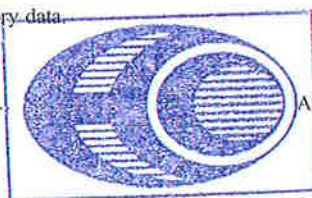
- Remark :
- ¹⁾ Industrial Effluent Standard , Notification of the Ministry of Industry , B.E. 2560 (2017)
 - ²⁾ มาตรฐานตามประกาศกรมโรงงานอุตสาหกรรม เรื่องกำหนดคุณลักษณะน้ำทิ้งที่ระบายออกนอกโรงงานให้มีค่าแตกต่างจากที่กำหนดไว้ในประกาศกระทรวงอุตสาหกรรม ฉบับที่ 2 (พ.ศ.2539) เรื่อง กำหนดคุณลักษณะของน้ำทิ้งที่ระบายออกนอกโรงงาน : มาตรฐานสำหรับโรงงานลำดับที่ 42 (1) (การทำเคมีภัณฑ์ สารเคมี หรือวัสดุเคมี)
 - ³⁾ = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.
 - Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.
 - ⁵⁾ = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan (จ-003-ค-7279)*
 - ⁶⁾*** ของแข็งละลายน้ำทั้งหมด (Total Dissolved Solids) กรณีระบายลงแหล่งน้ำ ต้องไม่เกิน 3,000 mg/l และกรณีระบายลงแหล่งน้ำที่มีค่าของแข็งละลายน้ำทั้งหมดเกินกว่า 3,000 mg/l ค่าของแข็งละลายน้ำทั้งหมดในน้ำทิ้งที่จะระบายได้ต้องมีค่าเกินกว่าค่าของแข็งละลายน้ำทั้งหมดที่มีอยู่ในแหล่งน้ำนั้นไม่เกิน 5,000 mg/l
 - ⁷⁾** = These data are non laboratory data.

Examined By

(Miss Apiradee Chuen-arom)

(จ-003-ค-4377)

19/06/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By

(Miss Nunnaphat Bakhuntod)

(จ-003-ค-4367)

19/06/2023

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Test Report

Request No : W6606139

Customer : AGC Vinythai Public Co.,Ltd.

Report No : 6606-1094

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

Sampling Source : AGC Vinythai Public Co.,Ltd.

Sample No : W 66060571

Sample Name : Effluent

Sampling Date : 06/06/2023

Sampling By : ETC

Sampling Time : 10:30 AM

Sampling Method : Grab

Received Date : 07/06/2023

Tested Date : 09/06/2023 - 13/06/2023

Reported Date : 15/06/2023

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

Physical Apperance : 1. Sample : lightly SS

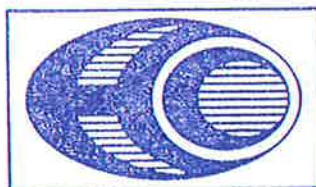
2. Container : Normal [PE 1.8 L]

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, 23rd Edition, 2017

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

4. Sampling By Mr. Songpon Phiwan (1-003-ก-7279)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By : 

(Miss Apiradee Chuen-arom)

15/06/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

TEST REPORT

Request No. : W6606138

Report No. : 6606-1281

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 66060566

Sample Name : แม่น้ำเจ้าพระยา

Sampling Date : 06/06/2023

Sampling By : ETC

Sampling Time : 10:40 AM

Sampling Method : Grab

Received Date : 07/06/2023

Tested Date : 07/06/2023 – 12/06/2023

Reported Date : 19/06/2023

Parameter	Unit	Method	Result	Standard ^{1/}
Total Dissolved Solids	mg/L	Dried at 180 C (SM:2540C)	12,200	-

Physical Apperance : 1. Sample : yellow, turbid

2. Container : Normal [PE 1.0 L]

- Remark :
- ^{1/} 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, 23rd Edition, 2017.
 - Sampling By Mr. Songpon Phiwuan (ว-003-ก-7279)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By



(Miss Apiradee Chuen-arom)

19/06/2023

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WITHOUT THE WRITTEN APPROVAL LABORATORY

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Test Report

Request No : W6603162

Report No : 6603-0982

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 66030773

Sample Name : แม่น้ำเจ้าพระยา (100 m. Up Stream)**

Sampling Date : 07/03/2023**

Sampling By : ETC**

Sampling Time : 11:15 AM**

Sampling Method : Grab**

Received Date : 08/03/2023

Tested Date : 08/03/2023 - 13/03/2023

Reported Date : 17/03/2023

Parameter	Unit	Method	Result	Standard ¹
pH (on site), *		Electrometric Method	8.0	5.0-9.0
Temperature *	°C	Laboratory and Field Method	29	๓**
Total Dissolved Solids *	mg/L	Dried at 180 C (SM:2540C)	11,150	-
Total Suspended Solids #	mg/L	Dried at 103-105 C (SM:2540D)	15	-

Physical Apperance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 1.0 L]

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

2. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017

3. Mr. Kawee Suthasub is Technical Management. / ** = These data are non laboratory data.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang (๖-003-๖-5637)*

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

6. ๓** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิมาตรฐานที่กำหนดขึ้น 3 องศาเซลเซียส



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Mr. Kawee Suthasub)

17/03/2023

Test Report

Request No : W6603162

Report No : 6603-0983

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 66030774

Sample Name : แม่น้ำเจ้าพระยา (100 m. Down Stream)**

Sampling Date : 07/03/2023**

Sampling By : ETC**

Sampling Time : 11:05 AM**

Sampling Method : Grab**

Received Date : 08/03/2023

Tested Date : 08/03/2023 - 13/03/2023

Reported Date : 17/03/2023

Parameter	Unit	Method	Result	Standard ¹
pH (on site) *		Electrometric Method	7.9	5.0-9.0
Temperature *	°C	Laboratory and Field Method	29	๕**
Total Dissolved Solids *	mg/L	Dried at 180 C (SM:2540C)	13,400	-
Total Suspended Solids #	mg/L	Dried at 103-105 C (SM:2540D)	12	-

Physical Apperance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 1.0 L]

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

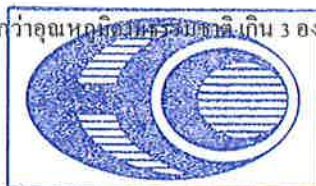
2. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017

3. Mr. Kawee Suthasub is Technical Management. / ** = These data are non laboratory data.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang (๖-003-๖-5637)*

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

6. ** = อุณหภูมิของน้ำจะต้องไม่สูงกว่าอุณหภูมิของบรรยากาศเกิน 3 องศาเซลเซียส



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Mr. Kawee Suthasub)

17/03/2023

Test Report

Request No : W6604330

Report No : 6604-1404

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 66041251

Sample Name : บริเวณหน้าโรงงาน

Sampling Date : 11/04/2023

Sampling By : ETC

Sampling Time : 12:10 PM

Sampling Method : Grab

Received Date : 12/04/2023

Tested Date : 12/04/2023 - 18/04/2023

Reported Date : 22/04/2023

Parameter	Unit	Method	Result	Standard/ ¹
pH (on site)		Electrometric Method	7.3	6.5 - 9.2***

Physical Apperance : 1. Sample : yellow, turbid

2. Container : Normal [PE 0.5 L]

Remark : 1. /I Soil and Groundwater Contamination Standard, Notification of the Ministry of Industry . B.E.2559 (2016)

2. Sampling By Eastern Thai Consulting 1992 Co., Ltd., Mr. Songpon Phiwuan (ว-003-ก-7279)

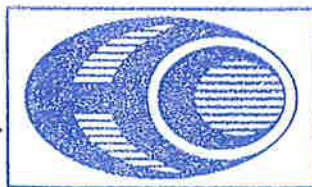
3. ***ค่า pH จากจุดเก็บตัวอย่างบ่อทำนบกักเก็บตัวอย่างบ่อน้ำที่เปลี่ยนแปลงจะต้องไม่เกินหนึ่งระดับ และ
ไม่อยู่นอกช่วงค่าเกณฑ์อนุโลมสูงสุดของมาตรฐาน คุณภาพน้ำบาดาลที่ใช้บริโภค

Examined By :

(Miss Apiradee Chuen-arom)

(ว-003-ก-4377)

22/04/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(ว-003-ก-2205)

22/04/2023

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Test Report

Request No : W6604330

Report No : 6604-1405

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 66041252

Sample Name : บริเวณด้านข้างลานถึงเก็บผลิตภัณฑ์

Sampling Date : 11/04/2023

Sampling By : ETC

Sampling Time : 12:00 PM

Sampling Method : Grab

Received Date : 12/04/2023

Tested Date : 12/04/2023 - 18/04/2023

Reported Date : 22/04/2023

Parameter	Unit	Method	Result	Standard ¹
pH (on site)		Electrometric Method	7.2	6.5 - 9.2***

Physical Apperance : 1. Sample : yellow, turbid

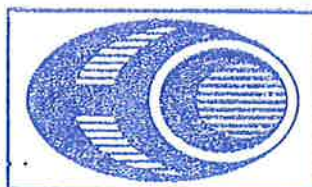
2. Container : Normal [PE 0.5 L]

Remark : 1. /1 Soil and Groundwater Contamination Standard, Notification of the Ministry of Industry . B.E.2559 (2016)

2. Sampling By Eastern Thai Consulting 1992 Co., Ltd., Mr. Songpon Phiwuan (ว-003-ค-7279)

3. ***ค่า pH จากจุดเก็บตัวอย่างบ่อน้ำกับจุดเก็บตัวอย่างบ่อเหนือน้ำที่เปลี่ยนแปลงจะต้องไม่เกินหนึ่งระดับ และ
ไม่อยู่นอกช่วงค่าเกณฑ์อนุโลมสูงสุดของมาตรฐาน คุณภาพน้ำบาดาลที่ใช้บริโภค

Examined By :

(Miss Apiradee Chuen-arom)
(ว-003-ค-4377)
22/04/2023

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)
(ว-003-ค-2205)
22/04/2023

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Test Report

Request No : W6604330

Report No : 6604-1406

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 66041253

Sample Name : บริเวณกำแพงติดแม่น้ำเจ้าพระยา

Sampling Date : 11/04/2023

Sampling By : ETC

Sampling Time : 11:40 AM

Sampling Method : Grab

Received Date : 12/04/2023

Tested Date : 12/04/2023 - 18/04/2023

Reported Date : 22/04/2023

Parameter	Unit	Method	Result	Standard ¹
pH (on site)		Electrometric Method	7.1	6.5 - 9.2***

Physical Apperance : 1. Sample : brown, turbid

2. Container : Normal [PE 0.5 L]

Remark : 1. /1 Soil and Groundwater Contamination Standard, Notification of the Ministry of Industry . B.E.2559 (2016)

2. Sampling By Eastern Thai Consulting 1992 Co., Ltd., Mr. Songpon Phiwuan (ว-003-ค-7279)

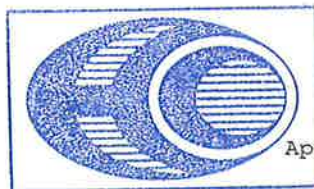
3. ***ค่า pH จากจุดเก็บตัวอย่างบ่อทำนน้ำกับจุดเก็บตัวอย่างบ่อเหนือน้ำที่เปลี่ยนแปลงจะต้องไม่เกินหนึ่งระดับ และ
ไม่อยู่นอกช่วงค่าเกณฑ์อนุโลมสูงสุดของมาตรฐาน คุณภาพน้ำบาดาลที่ใช้บริโภค

Examined By :

(Miss Apiradee Chuen-arom)

(ว-003-ค-4377)

22/04/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Mr. Kawee Suthasub)

(ว-003-ค-2205)

22/04/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

TEST REPORT

CUSTOMER : AGC Vinythai Public Company Limited
ADDRESS : 202 Moo 1, Suksawasdi Rd., T. Parkklongbangplakod, A. Prasamutjedi, Samutprakam 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. : 07189
DETERMINATION METHOD : ISO 1996-1:2016 MEASURING DATE : 21-22/04/2023
INSTRUMENT : Integrated Sound Level Meter ; RECEIVED DATE : 28/04/2023
S/N 01147298 : Class 2 REPORTED DATE : 03/05/2023

TIME \ DATE	21-22/04/2023 (L_{eq})	21-22/04/2023 ($L_{90\#}$)	UNIT
10:00 - 11:00 ^{/3}	60.0	58.5	dB(A)
11:00 - 12:00	59.7	58.7	dB(A)
12:00 - 13:00	59.3	58.3	dB(A)
13:00 - 14:00	60.7	59.2	dB(A)
14:00 - 15:00	60.6	59.4	dB(A)
15:00 - 16:00	60.8	59.6	dB(A)
16:00 - 17:00	60.3	59.3	dB(A)
17:00 - 18:00	59.6	58.6	dB(A)
18:00 - 19:00	61.7	59.9	dB(A)
19:00 - 20:00	60.2	58.7	dB(A)
20:00 - 21:00	59.1	58.2	dB(A)
21:00 - 22:00	59.2	57.8	dB(A)
22:00 - 23:00	59.0	58.2	dB(A)
23:00 - 00:00	59.3	58.2	dB(A)
00:00 - 01:00	59.6	58.8	dB(A)
01:00 - 02:00	59.7	58.7	dB(A)
02:00 - 03:00	59.5	58.0	dB(A)
03:00 - 04:00	58.4	57.6	dB(A)
04:00 - 05:00	58.1	57.4	dB(A)
05:00 - 06:00	58.3	57.4	dB(A)
06:00 - 07:00	58.3	57.4	dB(A)
07:00 - 08:00	58.4	57.3	dB(A)
08:00 - 09:00	58.6	57.4	dB(A)
09:00 - 10:00	58.8	57.7	dB(A)
L_{eq} 24 hr.	59.6	-	dB(A)
$L_{dn\#}$	65.5	-	dB(A)
Standard	70 ^{/1, /2}	-	dB(A)

REMARK : * Test Report/Sampling marked 'Not TISI Accredited' in this report are not included in the TISI Accreditation Schedule for our laboratory

^{/1} Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)

^{/2} Notification of Ministry of the Industry B.E. 2548 (2005)

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


(Ms. Thanatporn Klinsonon is Section Head, Mrs. Wanpen Lhaochindawat is Technical Management)

(Measurement By Mr. Tummarut Photakorn)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By


(MRS. WANPEN LHAOCHINDAWAT)

^{/3} Start Time

03/05/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

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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 : 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 01147298 : Class 2

SAMPLE NO. : 07190
MEASURING DATE : 22-23/04/2023
RECEIVED DATE : 28/04/2023
REPORTED DATE : 03/05/2023

TIME \ DATE	22-23/04/2023 (L_{eq})	22-23/04/2023 ($L_{90\#}$)	UNIT
10:00 - 11:00 ¹⁾	59.7	58.1	dB(A)
11:00 - 12:00	58.7	57.5	dB(A)
12:00 - 13:00	58.3	57.4	dB(A)
13:00 - 14:00	59.1	58.1	dB(A)
14:00 - 15:00	59.6	58.3	dB(A)
15:00 - 16:00	63.6	57.9	dB(A)
16:00 - 17:00	58.7	57.9	dB(A)
17:00 - 18:00	58.7	57.7	dB(A)
18:00 - 19:00	58.6	57.7	dB(A)
19:00 - 20:00	58.7	57.8	dB(A)
20:00 - 21:00	58.3	57.4	dB(A)
21:00 - 22:00	58.3	57.3	dB(A)
22:00 - 23:00	58.2	57.3	dB(A)
23:00 - 00:00	58.1	57.2	dB(A)
00:00 - 01:00	58.0	57.1	dB(A)
01:00 - 02:00	58.1	57.3	dB(A)
02:00 - 03:00	58.1	57.2	dB(A)
03:00 - 04:00	58.0	57.1	dB(A)
04:00 - 05:00	57.8	57.0	dB(A)
05:00 - 06:00	57.9	57.1	dB(A)
06:00 - 07:00	58.1	57.2	dB(A)
07:00 - 08:00	58.5	57.4	dB(A)
08:00 - 09:00	58.8	57.5	dB(A)
09:00 - 10:00	59.0	57.6	dB(A)
L_{eq} 24 hr.	58.9	-	dB(A)
$L_{dn\#}$	64.7	-	dB(A)
Standard	70 ^{1), 2)}	-	dB(A)

REMARK : # Test Report/Sampling marked 'Not TISI Accredited' in this report are not included in the TISI Accreditation Schedule for our laboratory
¹⁾ Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)
²⁾ Notification of Ministry of the Industry B.E. 2548 (2005)
* Parameter Outside The Scope of The Registration of The Department of Industrial Works
(Ms. Thanatporn Klinsoon is Section Head, Mrs. Wanpen Lhaochindawat is Technical Management)
(Measurement By Mr. Tummarut Phorakham)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....
(MRS. WANPEN LHAOCHINDAWAT)

03/05/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

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. : 07191
 DETERMINATION METHOD : ISO 1996-1:2016 MEASURING DATE : 23-24/04/2023
 INSTRUMENT : Integrated Sound Level Meter ; RECEIVED DATE : 28/04/2023
 S/N 01147298 : Class 2 REPORTED DATE : 03/05/2023

TIME \ DATE	23-24/04/2023 (L_{eq})	23-24/04/2023 ($L_{90\#}$)	UNIT
10:00 - 11:00 ^{/3}	58.6	57.4	dB(A)
11:00 - 12:00	59.6	57.6	dB(A)
12:00 - 13:00	58.9	57.8	dB(A)
13:00 - 14:00	60.4	58.6	dB(A)
14:00 - 15:00	60.3	58.6	dB(A)
15:00 - 16:00	61.3	59.4	dB(A)
16:00 - 17:00	61.6	60.0	dB(A)
17:00 - 18:00	61.8	60.4	dB(A)
18:00 - 19:00	61.8	60.5	dB(A)
19:00 - 20:00	61.7	60.4	dB(A)
20:00 - 21:00	61.2	59.8	dB(A)
21:00 - 22:00	59.2	58.1	dB(A)
22:00 - 23:00	58.7	57.6	dB(A)
23:00 - 00:00	58.4	57.4	dB(A)
00:00 - 01:00	58.1	57.2	dB(A)
01:00 - 02:00	58.0	57.2	dB(A)
02:00 - 03:00	57.8	57.0	dB(A)
03:00 - 04:00	57.7	57.0	dB(A)
04:00 - 05:00	57.9	57.2	dB(A)
05:00 - 06:00	58.0	57.2	dB(A)
06:00 - 07:00	58.4	57.2	dB(A)
07:00 - 08:00	58.9	57.6	dB(A)
08:00 - 09:00	60.4	59.0	dB(A)
09:00 - 10:00	60.3	59.2	dB(A)
L_{eq} 24 hr.	59.8	-	dB(A)
$L_{dn\#}$	65.0	-	dB(A)
Standard	70 ^{/1, /2}	-	dB(A)

REMARK : [#] Test Report/Sampling marked 'Not TISI Accredited' in this report are not included in the TISI Accreditation Schedule for our laboratory
^{/1} Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)
^{/2} Notification of Ministry of the Industry B.E. 2548 (2005)
^{/3} Start Time
 * Parameter Outside The Scope of The Registration of The Department of Industrial Works
 (Ms. Thanatporn Klinsoon is Section Head, Mrs. Wanpen Lhaochindawat is Technical Management)
 (Measurement By Mr. Tummarut Phatankham)



Approved By: 
 (MRS. WANPEN LHAOCHINDAWAT)

03/05/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
 THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
 WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

TEST REPORT


CUSTOMER : AGC Vinythai Public Company Limited
 ADDRESS : 202 Moo 1, Suksawasdi Rd., T. Parkklongbangplakod, A. Prasamutjedi, Samutprakam 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. : 07192
 DETERMINATION METHOD : ISO 1996-1:2016 MEASURING DATE : 24-25/04/2023
 INSTRUMENT : Integrated Sound Level Meter ; RECEIVED DATE : 28/04/2023
 S/N 01147298 : Class 2 REPORTED DATE : 03/05/2023

TIME \ DATE	24-25/04/2023 (L_{eq})	24-25/04/2023 ($L_{90\#}$)	UNIT
10:00 - 11:00 ^{/3}	62.0	60.0	dB(A)
11:00 - 12:00	60.4	58.7	dB(A)
12:00 - 13:00	58.7	57.6	dB(A)
13:00 - 14:00	60.3	58.2	dB(A)
14:00 - 15:00	60.3	58.7	dB(A)
15:00 - 16:00	59.9	58.2	dB(A)
16:00 - 17:00	59.9	58.2	dB(A)
17:00 - 18:00	59.0	58.1	dB(A)
18:00 - 19:00	58.8	58.2	dB(A)
19:00 - 20:00	59.2	58.4	dB(A)
20:00 - 21:00	59.0	58.3	dB(A)
21:00 - 22:00	58.9	58.2	dB(A)
22:00 - 23:00	59.0	58.2	dB(A)
23:00 - 00:00	59.0	58.3	dB(A)
00:00 - 01:00	58.6	58.0	dB(A)
01:00 - 02:00	58.5	57.9	dB(A)
02:00 - 03:00	58.3	57.4	dB(A)
03:00 - 04:00	57.4	56.7	dB(A)
04:00 - 05:00	57.3	56.6	dB(A)
05:00 - 06:00	57.6	56.6	dB(A)
06:00 - 07:00	57.6	56.7	dB(A)
07:00 - 08:00	58.6	57.3	dB(A)
08:00 - 09:00	59.6	58.1	dB(A)
09:00 - 10:00	60.6	58.6	dB(A)
L_{eq} 24 hr.	59.3	-	dB(A)
$L_{dn\#}$	64.9	-	dB(A)
Standard	70 ^{/1, /2}	-	dB(A)

REMARK : # Test Report/Sampling marked 'Not TISI Accredited' in this report are not included in the TISI Accreditation Schedule for our laboratory
^{/1} Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)
^{/2} Notification of Ministry of the Industry B.E. 2548 (2005)
 * Parameter Outside The Scope of The Regulation of The Department of Industrial Works
 (Ms. Thanatporn Klinsoon is Section Head, Mrs. Wanpen Lhaochindawat is Technical Management)
 (Measurement By Mr. Tummarut Phongsakulnong)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Start Time
 Approved By... 
 (MRS. WANPEN LHAOCHINDAWAT)

03/05/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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 WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

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., $L_{90\#}$ & $L_{dn\#}$
DETERMINATION METHOD : ISO 1996-1:2016
INSTRUMENT : Integrated Sound Level Meter ;
S/N 01147298 : Class 2

SAMPLE NO. : 07193
MEASURING DATE : 25-26/04/2023
RECEIVED DATE : 28/04/2023
REPORTED DATE : 03/05/2023

TIME \ DATE	25-26/04/2023 (L_{eq})	25-26/04/2023 ($L_{90\#}$)	UNIT
10:00 - 11:00 ^{/3}	60.5	58.5	dB(A)
11:00 - 12:00	59.4	57.8	dB(A)
12:00 - 13:00	59.2	57.7	dB(A)
13:00 - 14:00	60.1	58.4	dB(A)
14:00 - 15:00	60.7	58.2	dB(A)
15:00 - 16:00	60.1	58.1	dB(A)
16:00 - 17:00	60.9	58.6	dB(A)
17:00 - 18:00	59.2	58.4	dB(A)
18:00 - 19:00	59.5	58.4	dB(A)
19:00 - 20:00	59.8	58.8	dB(A)
20:00 - 21:00	59.9	59.0	dB(A)
21:00 - 22:00	59.6	58.6	dB(A)
22:00 - 23:00	59.9	58.7	dB(A)
23:00 - 00:00	60.1	59.1	dB(A)
00:00 - 01:00	59.5	58.4	dB(A)
01:00 - 02:00	59.6	58.6	dB(A)
02:00 - 03:00	58.5	57.4	dB(A)
03:00 - 04:00	57.9	57.4	dB(A)
04:00 - 05:00	57.7	57.1	dB(A)
05:00 - 06:00	57.7	57.1	dB(A)
06:00 - 07:00	57.7	57.1	dB(A)
07:00 - 08:00	58.6	57.5	dB(A)
08:00 - 09:00	59.5	58.1	dB(A)
09:00 - 10:00	61.4	59.3	dB(A)
L_{eq} 24 hr.	59.6	-	dB(A)
$L_{dn\#}$	65.4	-	dB(A)
Standard	70 ^{/1, /2}	-	dB(A)

REMARK : ^{/3} Test Report/Sampling marked 'Not TISI Accredited' in this report are not included in the TISI Accreditation Schedule for our laboratory

^{/1} Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)

^{/2} Notification of Ministry of the Industry B.E. 2548 (2005)

* Parameter Outside The Scope of The Regulation of The Department of Industrial Works

(Ms. Thanatporn Klinsonon is Section Head, Mrs. Wanpen Lhaochindawat is Technical Management)

(Measurement By Mr. Tummarut Photanphum)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By

(MRS. WANPEN LHAOCHINDAWAT)

^{/3} Start Time

03/05/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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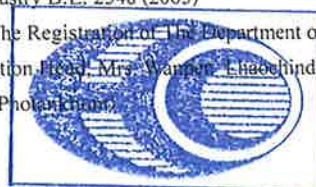
TEST REPORT

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 : บริเวณขอบเขตรั้วด้านทิศเหนือ
PARAMETER* : L_{eq} 1 hr., L_{eq} 24 hr., L_{90H} & $L_{dn\#}$
DETERMINATION METHOD : ISO 1996-1:2016
INSTRUMENT : Integrated Sound Level Meter ;
S/N 01147298 : Class 2

SAMPLE NO. : 07194
MEASURING DATE : 26-27/04/2023
RECEIVED DATE : 28/04/2023
REPORTED DATE : 03/05/2023

TIME \ DATE	26-27/04/2023 (L_{eq})	26-27/04/2023 (L_{90H})#	UNIT
10:00 - 11:00 ^{/3}	64.5	60.2	dB(A)
11:00 - 12:00	61.6	60.6	dB(A)
12:00 - 13:00	60.0	58.4	dB(A)
13:00 - 14:00	61.1	58.6	dB(A)
14:00 - 15:00	62.2	59.7	dB(A)
15:00 - 16:00	61.4	59.3	dB(A)
16:00 - 17:00	62.4	60.3	dB(A)
17:00 - 18:00	60.9	59.3	dB(A)
18:00 - 19:00	59.6	58.7	dB(A)
19:00 - 20:00	59.8	59.1	dB(A)
20:00 - 21:00	60.8	59.3	dB(A)
21:00 - 22:00	60.5	59.1	dB(A)
22:00 - 23:00	59.7	58.9	dB(A)
23:00 - 00:00	59.7	59.3	dB(A)
00:00 - 01:00	59.5	59.0	dB(A)
01:00 - 02:00	59.5	59.0	dB(A)
02:00 - 03:00	59.5	58.7	dB(A)
03:00 - 04:00	58.1	57.7	dB(A)
04:00 - 05:00	58.5	57.9	dB(A)
05:00 - 06:00	58.6	57.7	dB(A)
06:00 - 07:00	58.1	57.4	dB(A)
07:00 - 08:00	59.1	58.1	dB(A)
08:00 - 09:00	59.7	58.4	dB(A)
09:00 - 10:00	61.5	58.6	dB(A)
L_{eq} 24 hr.	60.5	-	dB(A)
$L_{dn\#}$	65.9	-	dB(A)
Standard	70 ^{/1, /2}	-	dB(A)

REMARK : # Test Report/Sampling marked 'Not TISI Accredited' in this report are not included in the TISI Accreditation Schedule for our laboratory
^{/1} Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)
^{/2} Notification of Ministry of the Industry B.E. 2548 (2005)
 * Parameter Outside The Scope of The Registration of The Department of Industrial Works
 (Ms. Thanatporn Klinsoon is Section Head, Mrs. Wannan Lhaochindawat is Technical Management)
 (Measurement By Mr. Tummarut Phokanphan)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....
 (MRS. WANPEN LHAOCHINDAWAT)

03/05/2023

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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 : 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 01147298 : Class 2

SAMPLE NO. : 07195
MEASURING DATE : 27-28/04/2023
RECEIVED DATE : 28/04/2023
REPORTED DATE : 03/05/2023

TIME \ DATE	27-28/04/2023 (L_{eq})	27-28/04/2023 ($L_{90\#}$)	UNIT
10:00 - 11:00 ^{/3}	60.9	57.8	dB(A)
11:00 - 12:00	58.3	56.9	dB(A)
12:00 - 13:00	57.7	56.5	dB(A)
13:00 - 14:00	61.6	56.9	dB(A)
14:00 - 15:00	62.0	60.5	dB(A)
15:00 - 16:00	61.7	60.5	dB(A)
16:00 - 17:00	61.9	60.7	dB(A)
17:00 - 18:00	65.7	57.4	dB(A)
18:00 - 19:00	59.8	57.2	dB(A)
19:00 - 20:00	58.0	57.4	dB(A)
20:00 - 21:00	58.9	58.4	dB(A)
21:00 - 22:00	58.8	58.2	dB(A)
22:00 - 23:00	59.2	58.4	dB(A)
23:00 - 00:00	59.0	58.2	dB(A)
00:00 - 01:00	58.3	57.8	dB(A)
01:00 - 02:00	58.7	58.1	dB(A)
02:00 - 03:00	58.3	56.9	dB(A)
03:00 - 04:00	57.3	56.6	dB(A)
04:00 - 05:00	57.5	57.0	dB(A)
05:00 - 06:00	57.5	57.0	dB(A)
06:00 - 07:00	58.9	56.9	dB(A)
07:00 - 08:00	57.5	56.7	dB(A)
08:00 - 09:00	58.9	56.0	dB(A)
09:00 - 10:00	59.5	56.2	dB(A)
L_{eq} 24 hr.	60.0	-	dB(A)
$L_{dn\#}$	65.2	-	dB(A)
Standard	70 ^{/1, /2}	-	dB(A)

REMARK : Test Report/Sampling marked 'Not TISI Accredited' in this report are not included in the TISI Accreditation Schedule for our laboratory

^{/1} Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)

^{/2} Notification of Ministry of the Industry B.E. 2548 (2005)

* Parameter Outside The Scope of The Registration of The Department of Industrial Works
(Ms. Thanatporn Klinsoon is Section Head, Mrs. Wanpen Lhaochindawat is Technical Management)
(Measurement By Mr. Tummarut Phomkham)

^{/3} Start Time



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By: 
(MRS. WANPEN LHAOCHINDAWAT)

03/05/2023

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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 : บริเวณขอบเขตรั้วด้านทิศใต้
PARAMETER* : L_{eq} 1 hr., L_{eq} 24 hr., $L_{90\#}$ & $L_{dn\#}$ SAMPLE NO. : 07182
DETERMINATION METHOD : ISO 1996-1:2016 MEASURING DATE : 21-22/04/2023
INSTRUMENT : Integrated Sound Level Meter ; RECEIVED DATE : 28/04/2023
S/N 01147300 : Class 2 REPORTED DATE : 03/05/2023

TIME \ DATE	21-22/04/2023 (L_{eq})	21-22/04/2023 ($L_{90\#}$)	UNIT
11:00 - 12:00 ^{/3}	62.0	60.5	dB(A)
12:00 - 13:00	59.3	57.9	dB(A)
13:00 - 14:00	62.9	59.7	dB(A)
14:00 - 15:00	63.3	61.5	dB(A)
15:00 - 16:00	64.3	62.0	dB(A)
16:00 - 17:00	63.6	61.5	dB(A)
17:00 - 18:00	61.2	59.1	dB(A)
18:00 - 19:00	63.3	61.0	dB(A)
19:00 - 20:00	62.0	61.3	dB(A)
20:00 - 21:00	62.3	61.2	dB(A)
21:00 - 22:00	62.1	61.0	dB(A)
22:00 - 23:00	62.2	61.1	dB(A)
23:00 - 00:00	60.1	59.2	dB(A)
00:00 - 01:00	59.8	59.0	dB(A)
01:00 - 02:00	59.9	59.2	dB(A)
02:00 - 03:00	60.0	59.2	dB(A)
03:00 - 04:00	60.3	59.4	dB(A)
04:00 - 05:00	60.7	60.0	dB(A)
05:00 - 06:00	61.0	60.3	dB(A)
06:00 - 07:00	61.0	60.2	dB(A)
07:00 - 08:00	60.5	59.5	dB(A)
08:00 - 09:00	62.5	61.1	dB(A)
09:00 - 10:00	62.1	60.9	dB(A)
10:00 - 11:00	62.3	60.8	dB(A)
L_{eq} 24 hr.	61.8	-	dB(A)
$L_{dn\#}$	67.3	-	dB(A)
Standard	70 ^{/1, /2}	-	dB(A)

REMARK : ^{/3} Test Report/Sampling marked 'Not TISI Accredited' in this report are not included in the TISI Accreditation Schedule for our laboratory

^{/1} Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)

^{/2} Notification of Ministry of the Industry B.E. 2548 (2005)

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

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

(Measurement By Mr. Tummarut Photakham)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By

(MRS. WANPEN LHAOCHINDAWAT)

03/05/2023

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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 : 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 01147300 : Class 2

SAMPLE NO. : 07183
MEASURING DATE : 22-23/04/2023
RECEIVED DATE : 28/04/2023
REPORTED DATE : 03/05/2023

TIME \ DATE	22-23/04/2023 (L_{eq})	22-23/04/2023 ($L_{90\#}$)	UNIT
11:00 - 12:00 ¹³	62.7	61.2	dB(A)
12:00 - 13:00	59.8	58.1	dB(A)
13:00 - 14:00	62.2	60.2	dB(A)
14:00 - 15:00	62.3	60.9	dB(A)
15:00 - 16:00	65.0	61.0	dB(A)
16:00 - 17:00	61.8	60.0	dB(A)
17:00 - 18:00	60.7	58.8	dB(A)
18:00 - 19:00	60.9	59.3	dB(A)
19:00 - 20:00	59.9	59.0	dB(A)
20:00 - 21:00	59.9	58.9	dB(A)
21:00 - 22:00	60.8	59.1	dB(A)
22:00 - 23:00	60.3	58.9	dB(A)
23:00 - 00:00	59.6	58.7	dB(A)
00:00 - 01:00	59.5	58.7	dB(A)
01:00 - 02:00	59.6	58.8	dB(A)
02:00 - 03:00	59.7	58.8	dB(A)
03:00 - 04:00	59.6	58.8	dB(A)
04:00 - 05:00	59.6	58.8	dB(A)
05:00 - 06:00	59.5	58.8	dB(A)
06:00 - 07:00	60.0	58.8	dB(A)
07:00 - 08:00	60.8	59.1	dB(A)
08:00 - 09:00	62.2	61.0	dB(A)
09:00 - 10:00	62.1	60.9	dB(A)
10:00 - 11:00	62.0	60.9	dB(A)
L_{eq} 24 hr.	61.1	-	dB(A)
$L_{dn\#}$	66.5	-	dB(A)
Standard	70 ^{11, 12}	-	dB(A)

REMARK : # Test Report/Sampling marked 'Not TISI Accredited' in this report are not included in the TISI Accreditation Schedule for our laboratory
¹¹ Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)
¹² Notification of Ministry of the Industry B.E. 2548 (2005)
¹³ Start Time
 * Parameter Outside The Scope of The Registration of The Department of Industrial Works
 (Ms. Thanatporn Klinsoon is Section Head, Mrs. Wanpen Lhaochindawat is Technical Management)
 (Measurement By Mr. Tummarut Photakham)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By: 
 (MRS. WANPEN LHAOCHINDAWAT)

03/05/2023

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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 : 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 01147300 : Class 2

SAMPLE NO. : 07184
MEASURING DATE : 23-24/04/2023
RECEIVED DATE : 28/04/2023
REPORTED DATE : 03/05/2023

TIME \ DATE	23-24/04/2023 (L_{eq})	23-24/04/2023 (L_{90})#	UNIT
11:00 - 12:00 ¹⁾	58.7	57.3	dB(A)
12:00 - 13:00	62.3	59.1	dB(A)
13:00 - 14:00	62.9	61.1	dB(A)
14:00 - 15:00	63.9	61.6	dB(A)
15:00 - 16:00	63.2	61.1	dB(A)
16:00 - 17:00	60.8	58.7	dB(A)
17:00 - 18:00	62.7	60.4	dB(A)
18:00 - 19:00	61.4	60.7	dB(A)
19:00 - 20:00	61.8	60.7	dB(A)
20:00 - 21:00	61.6	60.5	dB(A)
21:00 - 22:00	61.7	60.6	dB(A)
22:00 - 23:00	59.6	58.7	dB(A)
23:00 - 00:00	59.3	58.5	dB(A)
00:00 - 01:00	59.3	58.6	dB(A)
01:00 - 02:00	59.4	58.6	dB(A)
02:00 - 03:00	59.6	58.7	dB(A)
03:00 - 04:00	60.0	59.3	dB(A)
04:00 - 05:00	60.3	59.6	dB(A)
05:00 - 06:00	60.3	59.5	dB(A)
06:00 - 07:00	59.9	58.9	dB(A)
07:00 - 08:00	61.7	60.3	dB(A)
08:00 - 09:00	61.3	60.1	dB(A)
09:00 - 10:00	61.5	60.0	dB(A)
10:00 - 11:00	62.1	60.6	dB(A)
L_{eq} 24 hr.	61.3	-	dB(A)
$L_{dn\#}$	66.6	-	dB(A)
Standard	70 ^{1), 2)}	-	dB(A)

REMARK : ¹⁾ Test Report/Sampling marked 'Not TISI Accredited' in this report are not included in the TISI Accreditation Schedule for our laboratory

¹⁾ Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)

²⁾ Notification of Ministry of the Industry B.E. 2548 (2005)

¹⁾ Start Time

* Parameter Outside The Scope of The Registration of The Department of Industrial Works
(Ms. Thanatporn Klinsoon is Section Head, Mrs. Wanpen Lhaochindawat is Technical Management)
(Measurement By Mr. Tummarut Phomkhanong)



Approved By.....
(MRS. WANPEN LHAOCHINDAWAT)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด
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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 : บริเวณขอบเขตรั้วด้านทิศใต้
PARAMETER* : L_{eq} 1 hr., L_{eq} 24 hr., L_{90H} & L_{dnH}
DETERMINATION METHOD : ISO 1996-1:2016
INSTRUMENT : Integrated Sound Level Meter ;
S/N 01147300 : Class 2

SAMPLE NO. : 07185
MEASURING DATE : 24-25/04/2023
RECEIVED DATE : 28/04/2023
REPORTED DATE : 03/05/2023

TIME \ DATE	24-25/04/2023 (L_{eq})	24-25/04/2023 (L_{90H})#	UNIT
11:00 - 12:00 ^{/3}	60.0	54.2	dB(A)
12:00 - 13:00	56.3	53.1	dB(A)
13:00 - 14:00	61.5	54.5	dB(A)
14:00 - 15:00	60.7	54.5	dB(A)
15:00 - 16:00	59.6	55.3	dB(A)
16:00 - 17:00	58.7	53.3	dB(A)
17:00 - 18:00	55.6	53.3	dB(A)
18:00 - 19:00	56.0	53.3	dB(A)
19:00 - 20:00	54.5	53.3	dB(A)
20:00 - 21:00	54.1	53.1	dB(A)
21:00 - 22:00	53.9	52.7	dB(A)
22:00 - 23:00	55.0	52.6	dB(A)
23:00 - 00:00	54.3	53.1	dB(A)
00:00 - 01:00	54.6	53.3	dB(A)
01:00 - 02:00	54.7	54.0	dB(A)
02:00 - 03:00	54.5	53.8	dB(A)
03:00 - 04:00	53.7	53.0	dB(A)
04:00 - 05:00	55.1	53.0	dB(A)
05:00 - 06:00	54.5	53.2	dB(A)
06:00 - 07:00	54.4	53.1	dB(A)
07:00 - 08:00	59.0	53.6	dB(A)
08:00 - 09:00	60.1	57.8	dB(A)
09:00 - 10:00	60.8	56.4	dB(A)
10:00 - 11:00	59.2	58.3	dB(A)
L_{eq} 24 hr.	57.5	-	dB(A)
L_{dnH}	61.8	-	dB(A)
Standard	70 ^{/1, /2}	-	dB(A)

REMARK : # Test Report/Sampling marked 'Not TISI Accredited' in this report are not included in the TISI Accreditation Schedule for our laboratory
^{/1} Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)
^{/2} Notification of Ministry of the Industry B.E. 2548 (2005)
 * Parameter Outside The Scope of The Registration of The Department of Industrial Works
 (Ms. Thanatporn Klinsoon is Section Head, Mrs. Wanpen Lhaochindawat is Technical Management)
 (Measurement By Mr. Tummarut Phonphum)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By: 
 (MRS. WANPEN LHAOCHINDAWAT)

03/05/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
 THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
 WITHOUT THE WRITTEN APPROVAL LABORATORY

COPY

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., $L_{90\#}$ & $L_{dn\#}$ SAMPLE NO. : 07186
DETERMINATION METHOD : ISO 1996-1:2016 MEASURING DATE : 25-26/04/2023
INSTRUMENT : Integrated Sound Level Meter ; RECEIVED DATE : 28/04/2023
S/N 01147300 : Class 2 REPORTED DATE : 03/05/2023

TIME \ DATE	25-26/04/2023 (L_{eq})	25-26/04/2023 ($L_{90\#}$)	UNIT
11:00 - 12:00 ¹³	56.8	54.9	dB(A)
12:00 - 13:00	59.4	53.6	dB(A)
13:00 - 14:00	55.7	52.5	dB(A)
14:00 - 15:00	61.1	54.1	dB(A)
15:00 - 16:00	60.3	54.1	dB(A)
16:00 - 17:00	59.2	54.9	dB(A)
17:00 - 18:00	58.3	52.9	dB(A)
18:00 - 19:00	55.0	52.7	dB(A)
19:00 - 20:00	55.4	52.7	dB(A)
20:00 - 21:00	54.0	52.8	dB(A)
21:00 - 22:00	53.6	52.6	dB(A)
22:00 - 23:00	53.4	52.2	dB(A)
23:00 - 00:00	54.5	52.1	dB(A)
00:00 - 01:00	53.8	52.6	dB(A)
01:00 - 02:00	54.0	52.7	dB(A)
02:00 - 03:00	54.1	53.4	dB(A)
03:00 - 04:00	53.8	53.1	dB(A)
04:00 - 05:00	53.0	52.3	dB(A)
05:00 - 06:00	54.4	52.3	dB(A)
06:00 - 07:00	53.8	52.5	dB(A)
07:00 - 08:00	53.8	52.5	dB(A)
08:00 - 09:00	58.4	53.0	dB(A)
09:00 - 10:00	59.3	57.0	dB(A)
10:00 - 11:00	60.0	55.6	dB(A)
L_{eq} 24 hr.	56.9	-	dB(A)
$L_{dn\#}$	61.2	-	dB(A)
Standard	70 ^{11,12}	-	dB(A)

REMARK : # Test Report/Sampling marked 'Not TISI Accredited' in this report are not included in the TISI Accreditation Schedule for our laboratory

¹¹ Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)

¹² Notification of Ministry of the Industry B.E. 2548 (2005)

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

(Ms. Thanatporn Klinsonon is Section Head, Mrs. Wanpen Lhaochindawat is Technical Management)

(Measurement By Mr. Tummarut Photanahorn)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

03/05/2023

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WITHOUT THE WRITTEN APPROVAL LABORATORY

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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 : 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 01147300 : Class 2

SAMPLE NO. : 07187
 MEASURING DATE : 26-27/04/2023
 RECEIVED DATE : 28/04/2023
 REPORTED DATE : 03/05/2023

TIME \ DATE	26-27/04/2023 (L_{eq})	26-27/04/2023 ($L_{90\#}$)	UNIT
11:00 - 12:00 ^{1/3}	59.9	55.3	dB(A)
12:00 - 13:00	60.4	55.3	dB(A)
13:00 - 14:00	58.1	55.0	dB(A)
14:00 - 15:00	60.4	56.5	dB(A)
15:00 - 16:00	60.8	56.7	dB(A)
16:00 - 17:00	57.7	54.5	dB(A)
17:00 - 18:00	59.4	54.8	dB(A)
18:00 - 19:00	59.9	54.8	dB(A)
19:00 - 20:00	55.1	53.5	dB(A)
20:00 - 21:00	54.7	53.2	dB(A)
21:00 - 22:00	54.3	53.3	dB(A)
22:00 - 23:00	54.8	53.2	dB(A)
23:00 - 00:00	54.0	53.2	dB(A)
00:00 - 01:00	53.4	52.7	dB(A)
01:00 - 02:00	54.0	53.2	dB(A)
02:00 - 03:00	53.5	52.6	dB(A)
03:00 - 04:00	54.0	53.1	dB(A)
04:00 - 05:00	53.9	52.9	dB(A)
05:00 - 06:00	54.4	52.6	dB(A)
06:00 - 07:00	54.4	52.9	dB(A)
07:00 - 08:00	54.9	53.0	dB(A)
08:00 - 09:00	55.5	53.1	dB(A)
09:00 - 10:00	58.4	53.4	dB(A)
10:00 - 11:00	58.8	53.9	dB(A)
L_{eq} 24 hr.	57.3	-	dB(A)
$L_{dn\#}$	61.4	-	dB(A)
Standard	70 ^{1/1, 1/2}	-	dB(A)

REMARK : # Test Report/Sampling marked 'Not TISI Accredited' in this report are not included in the TISI Accreditation Schedule for our laboratory
^{1/1} Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)
^{1/2} Notification of Ministry of the Industry B.E. 2548 (2005)
 * Parameter Outside The Scope of The Registration of The Department of Industrial Works
 (Ms. Thanatporn Klinsoon is Section Head, Mrs. Wanpen Lhaochindawat is Technical Management)
 (Measurement By Mr. Tummarut Photakorn)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By. 
 (MRS. WANPEN LHAOCHINDAWAT)

03/05/2023

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 WITHOUT THE WRITTEN APPROVAL LABORATORY

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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 : 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 01147300 : Class 2

SAMPLE NO. : 07188
MEASURING DATE : 27-28/04/2023
RECEIVED DATE : 28/04/2023
REPORTED DATE : 03/05/2023

TIME \ DATE	27-28/04/2023 (L_{eq})	27-28/04/2023 ($L_{90\#}$)	UNIT
11:00 - 12:00 ^{1/3}	57.0	54.4	dB(A)
12:00 - 13:00	58.1	52.7	dB(A)
13:00 - 14:00	57.1	52.4	dB(A)
14:00 - 15:00	58.5	53.7	dB(A)
15:00 - 16:00	61.2	54.0	dB(A)
16:00 - 17:00	55.8	53.3	dB(A)
17:00 - 18:00	57.7	53.4	dB(A)
18:00 - 19:00	55.1	53.1	dB(A)
19:00 - 20:00	54.7	52.9	dB(A)
20:00 - 21:00	54.0	52.6	dB(A)
21:00 - 22:00	53.7	52.5	dB(A)
22:00 - 23:00	53.8	52.9	dB(A)
23:00 - 00:00	54.0	53.1	dB(A)
00:00 - 01:00	53.9	53.2	dB(A)
01:00 - 02:00	53.8	53.0	dB(A)
02:00 - 03:00	53.6	53.0	dB(A)
03:00 - 04:00	54.4	53.2	dB(A)
04:00 - 05:00	53.9	53.3	dB(A)
05:00 - 06:00	55.5	53.3	dB(A)
06:00 - 07:00	55.2	53.5	dB(A)
07:00 - 08:00	57.3	52.9	dB(A)
08:00 - 09:00	58.0	52.7	dB(A)
09:00 - 10:00	55.7	52.9	dB(A)
10:00 - 11:00	60.6	54.5	dB(A)
L_{eq} 24 hr.	56.6	-	dB(A)
$L_{dn\#}$	61.3	-	dB(A)
Standard	70 ^{1/1, 2}	-	dB(A)

REMARK : # Test Report/Sampling marked 'Not TISI Accredited' in this report are not included in the TISI Accreditation Schedule for our laboratory
^{1/1} Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)
^{1/2} Notification of Ministry of the Industry B.E. 2548 (2005)
 * Parameter Outside The Scope of The Registration of The Department of Industrial Works
 (Ms. Thanatporn Klinsoon is Section Head, Mrs. Wanpen Lhaochindawat is Technical Management)
 (Measurement By Mr. Tummarut Phongsamran)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....
(MRS. WANPEN LHAOCHINDAWAT)

03/05/2023

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THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

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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 : 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 G301661 : Class 2

SAMPLE NO. : 07175
MEASURING DATE : 21-22/04/2023
RECEIVED DATE : 28/04/2023
REPORTED DATE : 03/05/2023

TIME \ DATE	21-22/04/2023 (L_{eq})	21-22/04/2023 ($L_{90\#}$)	UNIT
11:00 - 12:00 ^{1/3}	65.4	63.0	dB(A)
12:00 - 13:00	63.3	62.9	dB(A)
13:00 - 14:00	64.4	63.3	dB(A)
14:00 - 15:00	64.0	63.1	dB(A)
15:00 - 16:00	63.7	63.0	dB(A)
16:00 - 17:00	64.2	63.3	dB(A)
17:00 - 18:00	65.0	62.5	dB(A)
18:00 - 19:00	65.8	62.6	dB(A)
19:00 - 20:00	65.7	63.0	dB(A)
20:00 - 21:00	65.1	63.1	dB(A)
21:00 - 22:00	64.7	64.3	dB(A)
22:00 - 23:00	65.4	64.6	dB(A)
23:00 - 00:00	65.3	64.9	dB(A)
00:00 - 01:00	65.9	63.2	dB(A)
01:00 - 02:00	66.3	63.2	dB(A)
02:00 - 03:00	67.9	63.6	dB(A)
03:00 - 04:00	65.0	63.2	dB(A)
04:00 - 05:00	64.0	63.0	dB(A)
05:00 - 06:00	63.3	62.9	dB(A)
06:00 - 07:00	63.3	62.8	dB(A)
07:00 - 08:00	62.9	62.4	dB(A)
08:00 - 09:00	64.8	62.2	dB(A)
09:00 - 10:00	66.1	62.2	dB(A)
10:00 - 11:00	63.8	63.2	dB(A)
L_{eq} 24 hr.	65.0	-	dB(A)
$L_{dn\#}$	71.7	-	dB(A)
Standard	70 ^{1/1, 1/2}	-	dB(A)

REMARK : * Test Report/Sampling marked 'Not TISI Accredited' in this report are not included in the TISI Accreditation Schedule for our laboratory

^{1/1} Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)

^{1/2} Notification of Ministry of the Industry B.E. 2548 (2005)

* Parameter Outside The Scope of The Registration of The Department of Industrial Works
(Ms. Thanatporn Klinsoon is Section Head, Mrs. Wanpen Lhaochindawat is Technical Management)
(Measurement By Mr. Tummarut Phouanphum)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....
(MRS. WANPEN LHAOCHINDAWAT)

03/05/2023

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THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

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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 : บริเวณขอบเขตรั้วด้านทิศตะวันออก
PARAMETER* : L_{eq} 1 hr., L_{eq} 24 hr., $L_{90\#}$ & $L_{dn\#}$ SAMPLE NO. : 07176
DETERMINATION METHOD : ISO 1996-1:2016 MEASURING DATE : 22-23/04/2023
INSTRUMENT : Integrated Sound Level Meter ; RECEIVED DATE : 28/04/2023
S/N G301661 : Class 2 REPORTED DATE : 03/05/2023

TIME \ DATE	22-23/04/2023 (L_{eq})	22-23/04/2023 ($L_{90\#}$)	UNIT
11:00 - 12:00 ^{/3}	65.3	61.7	dB(A)
12:00 - 13:00	62.0	61.4	dB(A)
13:00 - 14:00	64.2	61.7	dB(A)
14:00 - 15:00	64.5	63.2	dB(A)
15:00 - 16:00	63.3	63.0	dB(A)
16:00 - 17:00	63.6	63.2	dB(A)
17:00 - 18:00	64.5	62.3	dB(A)
18:00 - 19:00	64.7	62.5	dB(A)
19:00 - 20:00	66.0	64.1	dB(A)
20:00 - 21:00	64.7	64.3	dB(A)
21:00 - 22:00	65.1	64.7	dB(A)
22:00 - 23:00	65.2	64.7	dB(A)
23:00 - 00:00	65.4	64.8	dB(A)
00:00 - 01:00	65.3	64.8	dB(A)
01:00 - 02:00	64.9	63.0	dB(A)
02:00 - 03:00	65.7	63.2	dB(A)
03:00 - 04:00	66.9	63.2	dB(A)
04:00 - 05:00	65.2	64.9	dB(A)
05:00 - 06:00	65.2	64.9	dB(A)
06:00 - 07:00	65.7	64.7	dB(A)
07:00 - 08:00	63.8	62.5	dB(A)
08:00 - 09:00	64.6	62.2	dB(A)
09:00 - 10:00	65.5	63.8	dB(A)
10:00 - 11:00	64.3	63.4	dB(A)
L_{eq} 24 hr.	64.9	-	dB(A)
$L_{dn\#}$	71.8	-	dB(A)
Standard	70 ^{/1, /2}	-	dB(A)

REMARK : * Test Report/Sampling marked 'Not TISI Accredited' in this report are not included in the TISI Accreditation Schedule for our laboratory
^{/1} Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)
^{/2} Notification of Ministry of the Industry B.E. 2548 (2005)
^{/3} Start Time
 * Parameter Outside The Scope of The Registration of The Department of Industrial Works
 (Ms. Thanatporn Klinsoopon is Section Head, Mrs. Wanpen Lhaochindawat is Technical Management)
 (Measurement By Mr. Tummarut Photanajorn)



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By: 
 (MRS. WANPEN LHAOCHINDAWAT)

03/05/2023

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 WITHOUT THE WRITTEN APPROVAL LABORATORY

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TEST REPORT

CUSTOMER : AGC Vinythai Public Company Limited
ADDRESS : 202 Moo 1, Suksawasdi Rd., T. Parkklongbangplakod, A. Prasamutjedi, Samutprakam 10290
SAMPLE SOURCE : Phra Pradaeng Factory 1
SAMPLE POINT : บริเวณขอบเขตรั้วด้านทิศตะวันออก
PARAMETER* : L_{eq} 1 hr., L_{eq} 24 hr., L_{90H} & L_{dnH} SAMPLE NO. : 07177
DETERMINATION METHOD : ISO 1996-1:2016 MEASURING DATE : 23-24/04/2023
INSTRUMENT : Integrated Sound Level Meter ; RECEIVED DATE : 28/04/2023
S/N G301661 : Class 2 REPORTED DATE : 03/05/2023

TIME \ DATE	23-24/04/2023 (L_{eq})	23-24/04/2023 (L_{90})#	UNIT
11:00 - 12:00 ¹⁾	64.7	62.2	dB(A)
12:00 - 13:00	65.1	62.1	dB(A)
13:00 - 14:00	64.2	61.9	dB(A)
14:00 - 15:00	64.3	63.7	dB(A)
15:00 - 16:00	64.0	63.7	dB(A)
16:00 - 17:00	64.2	63.7	dB(A)
17:00 - 18:00	65.4	64.0	dB(A)
18:00 - 19:00	65.2	62.8	dB(A)
19:00 - 20:00	65.6	64.7	dB(A)
20:00 - 21:00	65.2	64.8	dB(A)
21:00 - 22:00	65.5	64.9	dB(A)
22:00 - 23:00	65.3	64.9	dB(A)
23:00 - 00:00	65.8	65.0	dB(A)
00:00 - 01:00	65.6	63.7	dB(A)
01:00 - 02:00	67.4	63.2	dB(A)
02:00 - 03:00	66.8	63.3	dB(A)
03:00 - 04:00	66.4	63.2	dB(A)
04:00 - 05:00	66.2	64.8	dB(A)
05:00 - 06:00	65.5	65.1	dB(A)
06:00 - 07:00	65.2	64.8	dB(A)
07:00 - 08:00	66.2	62.5	dB(A)
08:00 - 09:00	64.2	62.2	dB(A)
09:00 - 10:00	65.2	64.2	dB(A)
10:00 - 11:00	65.7	64.5	dB(A)
L_{eq} 24 hr.	65.5	-	dB(A)
L_{dnH}	72.4	-	dB(A)
Standard	70 ^{1), 2)}	-	dB(A)

REMARK : # Test Report/Sampling marked 'Not TISI Accredited' in this report are not included in the TISI Accreditation Schedule for our laboratory
¹⁾ Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)
²⁾ Notification of Ministry of the Industry B.E. 2548 (2005)
 * Parameter Outside The Scope of The Registration of The Department of Industrial Works
 (Ms. Thanatporn Klinsoon is Section Head, Mrs. Wanpen Lhaochindawat is Technical Management)
 (Measurement By Mr. Tummarut Pholankhump)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....
 (MRS. WANPEN LHAOCHINDAWAT)

03/05/2023

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 WITHOUT THE WRITTEN APPROVAL LABORATORY

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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 : บริเวณขอบเขตรั้วด้านทิศตะวันออก
PARAMETER* : L_{eq} 1 hr., L_{eq} 24 hr., $L_{90\#}$ & $L_{dn\#}$ SAMPLE NO. : 07178
DETERMINATION METHOD : ISO 1996-1:2016 MEASURING DATE : 24-25/04/2023
INSTRUMENT : Integrated Sound Level Meter ; RECEIVED DATE : 28/04/2023
S/N G301661 : Class 2 REPORTED DATE : 03/05/2023

TIME \ DATE	24-25/04/2023 (L_{eq})	24-25/04/2023 ($L_{90\#}$)	UNIT
11:00 - 12:00 ^{1/3}	65.1	62.6	dB(A)
12:00 - 13:00	62.4	62.0	dB(A)
13:00 - 14:00	64.4	62.3	dB(A)
14:00 - 15:00	63.7	62.8	dB(A)
15:00 - 16:00	63.7	63.1	dB(A)
16:00 - 17:00	63.8	63.2	dB(A)
17:00 - 18:00	64.3	63.4	dB(A)
18:00 - 19:00	65.4	63.9	dB(A)
19:00 - 20:00	66.5	63.6	dB(A)
20:00 - 21:00	65.2	64.7	dB(A)
21:00 - 22:00	65.3	64.8	dB(A)
22:00 - 23:00	65.2	64.9	dB(A)
23:00 - 00:00	65.4	65.0	dB(A)
00:00 - 01:00	65.4	64.8	dB(A)
01:00 - 02:00	67.3	63.9	dB(A)
02:00 - 03:00	66.5	62.9	dB(A)
03:00 - 04:00	66.2	64.2	dB(A)
04:00 - 05:00	64.9	64.6	dB(A)
05:00 - 06:00	65.1	64.8	dB(A)
06:00 - 07:00	65.4	64.9	dB(A)
07:00 - 08:00	64.1	62.6	dB(A)
08:00 - 09:00	65.3	62.5	dB(A)
09:00 - 10:00	66.1	63.6	dB(A)
10:00 - 11:00	67.3	63.6	dB(A)
L_{eq} 24 hr.	65.3	-	dB(A)
$L_{dn\#}$	72.1	-	dB(A)
Standard	70 ^{1/1, 1/2}	-	dB(A)

REMARK : [#] Test Report/Sampling marked 'Not TISI Accredited' in this report are not included in the TISI Accreditation Schedule for our laboratory

^{1/1} Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)

^{1/2} Notification of Ministry of the Industry B.E. 2548 (2005)

^{1/3} Start Time

* Parameter Outside The Scope of The Registration of The Department of Industrial Works
(Ms. Thanatporn Klinsonop is Section Head, Mrs. Wanpen Lhaochindawat is Technical Management)
(Measurement By Mr. Tummarut Phothakham)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

03/05/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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WITHOUT THE WRITTEN APPROVAL LABORATORY

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EASTERN THAI CONSULTING 1992 CO., LTD.

683 Moo 11 Sukhapibarn 8 Rd., Nongkham, Sriracha, Chonburi 20230

Tel. 0-3848-1197-8, 0-3876-3031-2 Fax : 0-3848-2095 E-mail : marketing@etc1992.com



NSC-TISI-TIS 17025

TESTING 0031

Request No. LA66-R0503

Report No. R6605-0026

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 : 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 G301661 : Class 2

SAMPLE NO. : 07179
MEASURING DATE : 25-26/04/2023
RECEIVED DATE : 28/04/2023
REPORTED DATE : 03/05/2023

TIME \ DATE	25-26/04/2023 (L_{eq})	25-26/04/2023 ($L_{90\#}$)#	UNIT
11:00 - 12:00 ¹³	64.7	63.6	dB(A)
12:00 - 13:00	63.6	63.2	dB(A)
13:00 - 14:00	64.9	62.8	dB(A)
14:00 - 15:00	64.4	63.4	dB(A)
15:00 - 16:00	64.1	63.4	dB(A)
16:00 - 17:00	66.1	63.8	dB(A)
17:00 - 18:00	65.4	63.1	dB(A)
18:00 - 19:00	65.1	63.3	dB(A)
19:00 - 20:00	66.0	63.7	dB(A)
20:00 - 21:00	65.3	64.9	dB(A)
21:00 - 22:00	65.1	64.8	dB(A)
22:00 - 23:00	65.3	64.9	dB(A)
23:00 - 00:00	66.3	65.3	dB(A)
00:00 - 01:00	65.3	63.5	dB(A)
01:00 - 02:00	67.3	63.5	dB(A)
02:00 - 03:00	67.2	63.0	dB(A)
03:00 - 04:00	67.0	63.7	dB(A)
04:00 - 05:00	65.1	64.8	dB(A)
05:00 - 06:00	65.2	64.8	dB(A)
06:00 - 07:00	65.1	64.8	dB(A)
07:00 - 08:00	65.2	62.8	dB(A)
08:00 - 09:00	65.0	62.9	dB(A)
09:00 - 10:00	65.9	65.0	dB(A)
10:00 - 11:00	67.1	65.4	dB(A)
L_{eq} 24 hr.	65.6	-	dB(A)
$L_{dn\#}$	72.4	-	dB(A)
Standard	70 ^{11,12}	-	dB(A)

REMARK : # Test Report/Sampling marked 'Not TISI Accredited' in this report are not included in the TISI Accreditation Schedule for our laboratory

¹¹ Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)

¹² Notification of Ministry of the Industry B.E. 2548 (2005)

¹³ Start Time

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

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

(Measurement By Mr. Tummarut Photakham)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

03/05/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

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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 : 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 G301661 : Class 2

SAMPLE NO. : 07180
MEASURING DATE : 26-27/04/2023
RECEIVED DATE : 28/04/2023
REPORTED DATE : 03/05/2023

TIME \ DATE	26-27/04/2023 (L_{eq})	26-27/04/2023 ($L_{90\#}$)	UNIT
11:00 - 12:00 ^{/3}	67.5	63.3	dB(A)
12:00 - 13:00	67.1	66.2	dB(A)
13:00 - 14:00	68.9	64.7	dB(A)
14:00 - 15:00	66.9	66.0	dB(A)
15:00 - 16:00	66.8	65.8	dB(A)
16:00 - 17:00	66.2	65.6	dB(A)
17:00 - 18:00	66.3	63.7	dB(A)
18:00 - 19:00	66.2	63.7	dB(A)
19:00 - 20:00	66.9	64.8	dB(A)
20:00 - 21:00	65.6	63.1	dB(A)
21:00 - 22:00	66.3	64.2	dB(A)
22:00 - 23:00	65.9	65.5	dB(A)
23:00 - 00:00	66.0	65.6	dB(A)
00:00 - 01:00	66.3	64.1	dB(A)
01:00 - 02:00	65.7	64.0	dB(A)
02:00 - 03:00	67.5	64.5	dB(A)
03:00 - 04:00	66.2	64.7	dB(A)
04:00 - 05:00	65.9	65.6	dB(A)
05:00 - 06:00	66.0	65.6	dB(A)
06:00 - 07:00	66.5	65.5	dB(A)
07:00 - 08:00	63.9	63.3	dB(A)
08:00 - 09:00	63.3	63.1	dB(A)
09:00 - 10:00	66.3	65.4	dB(A)
10:00 - 11:00	66.1	65.1	dB(A)
L_{eq} 24 hr.	66.4	-	dB(A)
$L_{dn\#}$	72.7	-	dB(A)
Standard	70 ^{/1, /2}	-	dB(A)

REMARK : [#] Test Report/Sampling marked 'Not TISI Accredited' in this report are not included in the TISI Accreditation Schedule for our laboratory
^{/1} Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)
^{/2} Notification of Ministry of the Industry B.E. 2548 (2005)
* Parameter Outside The Scope of The Registration of The Department of Industrial Works
(Ms. Thanatporn Klinsoon is Section Head, Mrs. Wanpen Lhaochindawat is Technical Management)
(Measurement By Mr. Tummarut Photakham)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By: 
(MRS. WANPEN LHAOCHINDAWAT)

03/05/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

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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 : 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 G301661 : Class 2

SAMPLE NO. : 07181
MEASURING DATE : 27-28/04/2023
RECEIVED DATE : 28/04/2023
REPORTED DATE : 03/05/2023

TIME \ DATE	27-28/04/2023 (L_{eq})	27-28/04/2023 ($L_{90\#}$)	UNIT
11:00 - 12:00 ¹³	65.6	65.0	dB(A)
12:00 - 13:00	64.8	62.4	dB(A)
13:00 - 14:00	62.7	62.3	dB(A)
14:00 - 15:00	64.0	62.9	dB(A)
15:00 - 16:00	63.6	62.7	dB(A)
16:00 - 17:00	63.3	62.6	dB(A)
17:00 - 18:00	63.8	62.9	dB(A)
18:00 - 19:00	64.4	61.9	dB(A)
19:00 - 20:00	65.2	62.0	dB(A)
20:00 - 21:00	65.2	62.5	dB(A)
21:00 - 22:00	64.6	62.6	dB(A)
22:00 - 23:00	64.2	63.8	dB(A)
23:00 - 00:00	64.9	64.1	dB(A)
00:00 - 01:00	64.8	64.4	dB(A)
01:00 - 02:00	65.4	62.7	dB(A)
02:00 - 03:00	65.7	62.6	dB(A)
03:00 - 04:00	67.3	63.0	dB(A)
04:00 - 05:00	64.4	62.6	dB(A)
05:00 - 06:00	63.3	62.3	dB(A)
06:00 - 07:00	62.6	62.2	dB(A)
07:00 - 08:00	62.6	62.1	dB(A)
08:00 - 09:00	62.2	61.7	dB(A)
09:00 - 10:00	64.2	61.6	dB(A)
10:00 - 11:00	65.5	61.6	dB(A)
L_{eq} 24 hr.	64.5	-	dB(A)
$L_{dn\#}$	71.2	-	dB(A)
Standard	70 ^{11, 12}	-	dB(A)

REMARK : # Test Report/Sampling marked 'Not TISI Accredited' in this report are not included in the TISI Accreditation Schedule for our laboratory
¹¹ Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)
¹² Notification of Ministry of the Industry B.E. 2548 (2005)
¹³ Start Time
 * Parameter Outside The Scope of The Registration of The Department of Industrial Works
 (Ms. Thanatporn Klinsoopon is Section Head, Mrs. Wanpen Lhaochindawat is Technical Management)
 (Measurement By Mr. Tummarut Photakarn)



Approved By.....
(MRS. WANPEN LHAOCHINDAWAT)

03/05/2023

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด
REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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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 : บริเวณขอบเขตรั้วด้านทิศตะวันตก
PARAMETER* : L_{eq} 1 hr., L_{eq} 24 hr., $L_{90\#}$ & $L_{dn\#}$ SAMPLE NO. : 07168
DETERMINATION METHOD : ISO 1996-1:2016 MEASURING DATE : 21-22/04/2023
INSTRUMENT : Integrated Sound Level Meter ; RECEIVED DATE : 28/04/2023
S/N G301635 : Class 2 REPORTED DATE : 03/05/2023

TIME \ DATE	21-22/04/2023 (L_{eq})	21-22/04/2023 ($L_{90\#}$)	UNIT
10:00 - 11:00 ^{/3}	67.0	62.0	dB(A)
11:00 - 12:00	65.8	61.4	dB(A)
12:00 - 13:00	66.7	61.9	dB(A)
13:00 - 14:00	66.1	61.7	dB(A)
14:00 - 15:00	65.6	61.2	dB(A)
15:00 - 16:00	65.8	61.0	dB(A)
16:00 - 17:00	65.4	61.1	dB(A)
17:00 - 18:00	67.1	62.8	dB(A)
18:00 - 19:00	67.6	63.0	dB(A)
19:00 - 20:00	67.4	62.8	dB(A)
20:00 - 21:00	68.4	62.6	dB(A)
21:00 - 22:00	66.8	61.4	dB(A)
22:00 - 23:00	66.4	59.6	dB(A)
23:00 - 00:00	65.0	57.8	dB(A)
00:00 - 01:00	64.6	56.3	dB(A)
01:00 - 02:00	62.9	55.0	dB(A)
02:00 - 03:00	65.2	55.2	dB(A)
03:00 - 04:00	63.3	55.7	dB(A)
04:00 - 05:00	63.8	56.3	dB(A)
05:00 - 06:00	63.8	58.2	dB(A)
06:00 - 07:00	66.1	61.2	dB(A)
07:00 - 08:00	67.9	63.4	dB(A)
08:00 - 09:00	67.2	62.2	dB(A)
09:00 - 10:00	66.2	61.8	dB(A)
L_{eq} 24 hr.	66.1	-	dB(A)
$L_{dn\#}$	71.5	-	dB(A)
Standard	70 ^{/1, /2}	-	dB(A)

REMARK : Test Report/Sampling marked 'Not TISI Accredited' in this report are not included in the TISI Accreditation Schedule for our laboratory

^{/1} Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)

^{/2} Notification of Ministry of the Industry B.E. 2548 (2005)

^{/3} Start Time

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

(Ms. Thanatporn Klinsoon is Section Head, SPS - Wapen Lhaochindawat is Technical Management)

(Measurement By Mr. Tummarut Photankorn)



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Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

03/05/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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TEST REPORT

CUSTOMER : AGC Vinythai Public Company Limited
ADDRESS : 202 Moo 1, Suksavadi 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. : 07169
DETERMINATION METHOD : ISO 1996-1:2016 MEASURING DATE : 22-23/04/2023
INSTRUMENT : Integrated Sound Level Meter ; RECEIVED DATE : 28/04/2023
S/N G301635 : Class 2 REPORTED DATE : 03/05/2023

TIME \ DATE	22-23/04/2023 (L_{eq})	22-23/04/2023 (L_{90})#	UNIT
10:00 - 11:00 ^{/3}	65.7	55.7	dB(A)
11:00 - 12:00	63.9	56.3	dB(A)
12:00 - 13:00	64.4	56.9	dB(A)
13:00 - 14:00	64.3	58.7	dB(A)
14:00 - 15:00	66.6	61.7	dB(A)
15:00 - 16:00	69.3	62.4	dB(A)
16:00 - 17:00	66.7	61.9	dB(A)
17:00 - 18:00	65.9	61.3	dB(A)
18:00 - 19:00	65.9	61.0	dB(A)
19:00 - 20:00	65.9	61.2	dB(A)
20:00 - 21:00	66.4	61.6	dB(A)
21:00 - 22:00	67.0	62.2	dB(A)
22:00 - 23:00	67.2	63.0	dB(A)
23:00 - 00:00	67.9	63.0	dB(A)
00:00 - 01:00	67.8	63.0	dB(A)
01:00 - 02:00	67.2	62.4	dB(A)
02:00 - 03:00	66.6	61.2	dB(A)
03:00 - 04:00	65.4	59.5	dB(A)
04:00 - 05:00	64.1	56.9	dB(A)
05:00 - 06:00	63.5	55.4	dB(A)
06:00 - 07:00	63.7	54.9	dB(A)
07:00 - 08:00	64.2	54.6	dB(A)
08:00 - 09:00	62.5	54.7	dB(A)
09:00 - 10:00	61.9	54.6	dB(A)
L_{eq} 24 hr.	65.9	-	dB(A)
$L_{dn\#}$	72.6	-	dB(A)
Standard	70 ^{/1,2}	-	dB(A)

REMARK : # Test Report/Sampling marked 'Not TISI Accredited' in this report are not included in the TISI Accreditation Schedule for our laboratory
^{/1} Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)
^{/2} Notification of Ministry of the Industry B.E. 2548 (2005)
^{/3} Start Time
 * Parameter Outside The Scope of The Registration of The Department of Industrial Works
 (Ms. Thanatporn Klinsonon is Section Head, Mrs. Wannan Lhaochindawat is Technical Management)
 (Measurement By Mr. Tummarut Photankham)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....
(MRS. WANNAN LHAOCHINDAWAT)

03/05/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

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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 : 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 G301635 : Class 2

SAMPLE NO. : 07170
MEASURING DATE : 23-24/04/2023
RECEIVED DATE : 28/04/2023
REPORTED DATE : 03/05/2023

TIME \ DATE	23-24/04/2023 (L_{eq})	23-24/04/2023 ($L_{90\#}$)#	UNIT
10:00 - 11:00 ^{1/3}	62.9	56.4	dB(A)
11:00 - 12:00	64.6	59.8	dB(A)
12:00 - 13:00	65.6	61.2	dB(A)
13:00 - 14:00	67.2	63.4	dB(A)
14:00 - 15:00	68.0	62.3	dB(A)
15:00 - 16:00	67.5	62.4	dB(A)
16:00 - 17:00	68.5	63.9	dB(A)
17:00 - 18:00	69.2	63.6	dB(A)
18:00 - 19:00	67.3	62.5	dB(A)
19:00 - 20:00	66.5	62.1	dB(A)
20:00 - 21:00	66.0	61.6	dB(A)
21:00 - 22:00	66.4	61.6	dB(A)
22:00 - 23:00	65.9	61.6	dB(A)
23:00 - 00:00	67.6	63.3	dB(A)
00:00 - 01:00	68.1	63.5	dB(A)
01:00 - 02:00	68.0	63.4	dB(A)
02:00 - 03:00	70.3	65.9	dB(A)
03:00 - 04:00	69.8	63.6	dB(A)
04:00 - 05:00	67.9	60.1	dB(A)
05:00 - 06:00	65.7	58.6	dB(A)
06:00 - 07:00	63.4	55.1	dB(A)
07:00 - 08:00	62.1	53.4	dB(A)
08:00 - 09:00	61.8	53.4	dB(A)
09:00 - 10:00	62.8	55.6	dB(A)
L_{eq} 24 hr.	67.0	-	dB(A)
$L_{dn\#}$	74.1	-	dB(A)
Standard	70 ^{1/1, 2}	-	dB(A)

REMARK : [#] Test Report/Sampling marked 'Not TISI Accredited' in this report are not included in the TISI Accreditation Schedule for our laboratory

^{1/1} Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)

^{1/2} Notification of Ministry of the Industry B.E. 2548 (2005)

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

(Ms. Thanatporn Klinsonop is Section Head, Mrs. Wanpen Lhaochindawat is Technical Management)

(Measurement By Mr. Tummarut Phetphakdi)

^{1/3} Start Time



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....
(MRS. WANPEN LHAOCHINDAWAT)

03/05/2023

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EASTERN THAI CONSULTING 1992 CO., LTD.

683 Moo 11 Sukhapibarn 8 Rd., Nongkham, Sriracha, Chonburi 20230
Tel. 0-3848-1197-8, 0-3876-3031-2 Fax : 0-3848-2095 E-mail : marketing@etc1992.com



NSC-TISI-TIS 17025
TESTING 0031

Request No. LA66-R0503
Report No. R6605-0018

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 G301635 : Class 2

SAMPLE NO. : 07171
MEASURING DATE : 24-25/04/2023
RECEIVED DATE : 28/04/2023
REPORTED DATE : 03/05/2023

TIME \ DATE	24-25/04/2023 (L_{eq})	24-25/04/2023 ($L_{90\#}$)	UNIT
10:00 - 11:00 ^{1/3}	64.5	58.9	dB(A)
11:00 - 12:00	66.7	62.2	dB(A)
12:00 - 13:00	66.9	62.9	dB(A)
13:00 - 14:00	66.5	62.2	dB(A)
14:00 - 15:00	66.2	60.6	dB(A)
15:00 - 16:00	66.3	62.1	dB(A)
16:00 - 17:00	65.1	60.0	dB(A)
17:00 - 18:00	65.2	60.4	dB(A)
18:00 - 19:00	64.8	60.1	dB(A)
19:00 - 20:00	64.7	60.3	dB(A)
20:00 - 21:00	66.7	61.1	dB(A)
21:00 - 22:00	66.0	61.9	dB(A)
22:00 - 23:00	66.7	62.3	dB(A)
23:00 - 00:00	66.8	62.3	dB(A)
00:00 - 01:00	66.9	62.7	dB(A)
01:00 - 02:00	66.2	61.4	dB(A)
02:00 - 03:00	65.0	60.0	dB(A)
03:00 - 04:00	64.0	57.6	dB(A)
04:00 - 05:00	63.3	56.0	dB(A)
05:00 - 06:00	62.2	55.4	dB(A)
06:00 - 07:00	62.7	53.6	dB(A)
07:00 - 08:00	62.0	53.5	dB(A)
08:00 - 09:00	63.2	54.2	dB(A)
09:00 - 10:00	63.3	55.5	dB(A)
L_{eq} 24 hr.	65.3	-	dB(A)
$L_{dn\#}$	71.7	-	dB(A)
Standard	70 ^{1/1,2}	-	dB(A)

REMARK : # Test Report/Sampling marked 'Not TISI Accredited' in this report are not included in the TISI Accreditation Schedule for our laboratory

^{1/1} Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)

^{1/2} Notification of Ministry of the Industry B.E. 2548 (2005)

^{1/3} Start Time

* Parameter Outside The Scope of The Registration of The Department of Industrial Works
(Ms. Thanatporn Klinsoon is Section Head, Mrs. Wanpen Lhaochindawat is Technical Management)
(Measurement By Mr. Tummarut Phrasakorn)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By:
(MRS. WANPEN LHAOCHINDAWAT)

03/05/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

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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 : 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 G301635 : Class 2

SAMPLE NO. : 07172
MEASURING DATE : 25-26/04/2023
RECEIVED DATE : 28/04/2023
REPORTED DATE : 03/05/2023

TIME \ DATE	25-26/04/2023 (L_{eq})	25-26/04/2023 ($L_{90\#}$)	UNIT
10:00 - 11:00 ¹³	64.6	59.2	dB(A)
11:00 - 12:00	65.9	61.4	dB(A)
12:00 - 13:00	67.3	62.9	dB(A)
13:00 - 14:00	68.1	62.3	dB(A)
14:00 - 15:00	66.1	61.0	dB(A)
15:00 - 16:00	65.4	60.6	dB(A)
16:00 - 17:00	65.9	61.4	dB(A)
17:00 - 18:00	66.5	61.4	dB(A)
18:00 - 19:00	66.2	60.9	dB(A)
19:00 - 20:00	66.0	60.8	dB(A)
20:00 - 21:00	66.2	60.9	dB(A)
21:00 - 22:00	67.2	62.0	dB(A)
22:00 - 23:00	66.5	62.3	dB(A)
23:00 - 00:00	67.0	62.5	dB(A)
00:00 - 01:00	66.8	62.3	dB(A)
01:00 - 02:00	67.0	61.7	dB(A)
02:00 - 03:00	65.5	60.2	dB(A)
03:00 - 04:00	64.4	58.0	dB(A)
04:00 - 05:00	62.3	55.5	dB(A)
05:00 - 06:00	62.1	54.3	dB(A)
06:00 - 07:00	61.7	52.9	dB(A)
07:00 - 08:00	61.7	52.7	dB(A)
08:00 - 09:00	63.4	53.6	dB(A)
09:00 - 10:00	63.5	55.8	dB(A)
L_{eq} 24 hr.	65.7	-	dB(A)
$L_{dn\#}$	71.8	-	dB(A)
Standard	70 ^{11, 12}	-	dB(A)

REMARK : ¹³ Test Report/Sampling marked 'Not TISI Accredited' in this report are not included in the TISI Accreditation Schedule for our laboratory

¹¹ Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)

¹² Notification of Ministry of the Industry B.E. 2548 (2005)

¹³ Start Time

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

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

(Measurement By Mr. Tummarut Photakham)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

03/05/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

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TEST REPORT

CUSTOMER : AGC Vinythai Public Company Limited
ADDRESS : 202 Moo 1, Suksawasdi Rd., T. Parkklongbangplakod, A. Prasamutjedi, Samutprakam 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 G301635 : Class 2

SAMPLE NO. : 07172
MEASURING DATE : 26-27/04/2023
RECEIVED DATE : 28/04/2023
REPORTED DATE : 03/05/2023

TIME \ DATE	26-27/04/2023 (L_{eq})	26-27/04/2023 ($L_{90\#}$)	UNIT
10:00 - 11:00 ^{1/3}	65.0	59.3	dB(A)
11:00 - 12:00	65.5	61.5	dB(A)
12:00 - 13:00	67.2	63.0	dB(A)
13:00 - 14:00	66.3	61.7	dB(A)
14:00 - 15:00	66.6	61.3	dB(A)
15:00 - 16:00	67.1	61.8	dB(A)
16:00 - 17:00	66.2	61.3	dB(A)
17:00 - 18:00	66.4	62.3	dB(A)
18:00 - 19:00	66.3	61.6	dB(A)
19:00 - 20:00	66.8	61.9	dB(A)
20:00 - 21:00	66.6	61.4	dB(A)
21:00 - 22:00	66.7	62.3	dB(A)
22:00 - 23:00	68.0	62.7	dB(A)
23:00 - 00:00	67.2	62.6	dB(A)
00:00 - 01:00	67.1	61.8	dB(A)
01:00 - 02:00	66.0	60.9	dB(A)
02:00 - 03:00	65.5	59.7	dB(A)
03:00 - 04:00	65.0	57.2	dB(A)
04:00 - 05:00	64.2	54.6	dB(A)
05:00 - 06:00	63.4	54.5	dB(A)
06:00 - 07:00	62.1	52.7	dB(A)
07:00 - 08:00	62.1	52.3	dB(A)
08:00 - 09:00	61.6	53.8	dB(A)
09:00 - 10:00	63.2	56.1	dB(A)
L_{eq} 24 hr.	65.8	-	dB(A)
$L_{dn\#}$	72.2	-	dB(A)
Standard	70 ^{1/1, 1/2}	-	dB(A)

REMARK : ^{1/3} Test Report/Sampling marked 'Not TISI Accredited' in this report are not included in the TISI Accreditation Schedule for our laboratory

^{1/1} Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)

^{1/2} Notification of Ministry of the Industry B.E. 2548 (2005)

* Parameter Outside The Scope of The Regulation of The Department of Industrial Works

(Ms. Thanatporn Klinsoon is Section Head, Mr. Wannan Lhaochindawat is Technical Management)

(Measurement By Mr. Tummarut Phorakham)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

03/05/2023

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ACCREDITED
ISO 9001 / ISO 14001

EASTERN THAI CONSULTING 1992 CO., LTD.

683 Moo 11 Sukhapibarn 8 Rd., Nongkham, Sriracha, Chonburi 20230

Tel. 0-3848-1197-8, 0-3876-3031-2 Fax : 0-3848-2095 E-mail : marketing@etc1992.com



NSC-TISI-TIS 17025

TESTING 0031

Request No. LA66-R0503

Report No. R6605-0021

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 : 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 G301635 : Class 2

SAMPLE NO. : 07174
MEASURING DATE : 27-28/04/2023
RECEIVED DATE : 28/04/2023
REPORTED DATE : 03/05/2023

TIME \ DATE	27-28/04/2023 (L_{eq})	27-28/04/2023 ($L_{90\#}$)	UNIT
10:00 - 11:00 ^{1/3}	64.3	59.0	dB(A)
11:00 - 12:00	65.7	61.5	dB(A)
12:00 - 13:00	67.0	62.8	dB(A)
13:00 - 14:00	65.9	61.2	dB(A)
14:00 - 15:00	65.1	60.2	dB(A)
15:00 - 16:00	65.1	60.0	dB(A)
16:00 - 17:00	64.9	59.8	dB(A)
17:00 - 18:00	64.0	59.1	dB(A)
18:00 - 19:00	63.0	58.9	dB(A)
19:00 - 20:00	63.3	59.2	dB(A)
20:00 - 21:00	63.3	59.2	dB(A)
21:00 - 22:00	64.5	59.9	dB(A)
22:00 - 23:00	64.8	60.3	dB(A)
23:00 - 00:00	65.0	60.4	dB(A)
00:00 - 01:00	64.2	60.1	dB(A)
01:00 - 02:00	65.1	59.8	dB(A)
02:00 - 03:00	63.2	57.7	dB(A)
03:00 - 04:00	62.3	55.4	dB(A)
04:00 - 05:00	63.9	54.6	dB(A)
05:00 - 06:00	62.5	53.4	dB(A)
06:00 - 07:00	62.1	53.2	dB(A)
07:00 - 08:00	62.1	53.0	dB(A)
08:00 - 09:00	62.0	54.1	dB(A)
09:00 - 10:00	63.2	55.4	dB(A)
L_{eq} 24 hr.	64.2	-	dB(A)
$L_{dn\#}$	70.3	-	dB(A)
Standard	70 ^{1/1, 2}	-	dB(A)

REMARK : ¹ Test Report/Sampling marked 'Not TISI Accredited' in this report are not included in the TISI Accreditation Schedule for our laboratory

^{1/1} Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)

^{1/2} Notification of Ministry of the Industry B.E. 2548 (2005)

^{1/3} Start Time

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

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

(Measurement By Mr. Tummarut Photakulchai)



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By: 
(MRS. WANPEN LHAOCHINDAWAT)

03/05/2023

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Request No. ATR6601008

Report No. 6601-0026

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 : 10/01/2023 SAMPLE NO. : A66010026
RECEIVED DATE : 12/01/2023 SAMPLING TIME : 10:13-11:13
SAMPLING INSTRUMENT : Personal Pump Flow rate 1.00 L/min TESTED DATE : 12/01/2023-13/01/2023
Serial No. 20180903085 REPORTED DATE : 14/01/2023

PARAMETER*	TEST METHOD	RESULT	STD ^{1/}	UNIT
Chlorine (Cl ₂)	Ion Chromatography Method (OSHA ID 202)	0.338	3	mg/m ³
		0.116	1	ppm

REMARK:

^{1/} 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. Wattana Khotla)

Examined By

(Miss Thanatporn Klinsonon)

14/01/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By

(Mr. Kawee Suthasub)

14/01/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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WITHOUT THE WRITTEN APPROVAL LABORATORY

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Request No. ATR6601008

Report No. 6601-0027

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 : 10/01/2023 SAMPLE NO. : A66010027
RECEIVED DATE : 12/01/2023 SAMPLING TIME : 10:15-11:15
SAMPLING INSTRUMENT : Personal Pump Flow rate 1.00 L/min TESTED DATE : 12/01/2023-13/01/2023
Serial No. 20200403071 REPORTED DATE : 14/01/2023

PARAMETER*	TEST METHOD	RESULT	STD ¹	UNIT
Chlorine (Cl ₂)	Ion Chromatography Method (OSHA ID 202)	0.387	3	mg/m ³
		0.133	1	ppm

REMARK:

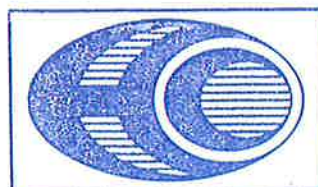
¹ Notification of The Department of Labour Protection and Welfare B.E.2560 (2017), Concentration Limits of Hazardous Chemicals.* Parameter have License Registration of Department of Labour Protection and Welfare No.0201-03-2564-0008 and
No.0202-03-2564-0005.

(Sampling By Mr. Wattana Khotla)

Examined By

(Miss Thanatporn Klinsonpon)

14/01/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By

(Mr. Kawee Suthasub)

14/01/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Request No. ATR6602003

Report No. 6602-0025

TEST REPORT

CUSTOMER : AGC Vinythai Public Co.,Ltd.
 ADDRESS : 202 Moo.1 Suksawadi Rd.,T. Parkklongbangplakod , A. Prasamutjedi ,Samutprakarn 10290
 SAMPLE SOURCE : AGC Vinythai Public Co.,Ltd.
 SAMPLE NAME : Cell Room M7-8
 SAMPLING DATE : 03/02/2023
 RECEIVED DATE : 04/02/2023
 SAMPLING INSTRUMENT : Personal Pump Flow rate 1.00 L/min
 Serial No. 20200403079

SAMPLE NO. : A66020025
 SAMPLING TIME : 09:18-10:18
 TESTED DATE : 04/02/2023-10/02/2023
 REPORTED DATE : 13/02/2023

PARAMETER*	TEST METHOD	RESULT	STD ^{1/}	UNIT
Chlorine (Cl ₂)	Ion Chromatography Method (OSHA ID 202)	< 0.029	3	mg/m ³
		< 0.010	1	ppm

REMARK:

^{1/} 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 Klinsoon)

13/02/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By



(Mr. Kawee Suthasub)

13/02/2023

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Request No. ATR6602003

Report No. 6602-0026

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 : 03/02/2023
 RECEIVED DATE : 04/02/2023
 SAMPLING INSTRUMENT : Personal Pump Flow rate 1.00 L/min
 Serial No. 20200403074

SAMPLE NO. : A66020026
 SAMPLING TIME : 09:20-10:20
 TESTED DATE : 04/02/2023-10/02/2023
 REPORTED DATE : 13/02/2023

PARAMETER*	TEST METHOD	RESULT	STD ^{/1}	UNIT
Chlorine (Cl ₂)	Ion Chromatography Method (OSHA ID 202)	0.110	3	mg/m ³
		0.038	1	ppm

REMARK:

^{/1} 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)

13/02/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By

(Mr. Kawee Suthasub)

13/02/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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 WITHOUT THE WRITTEN APPROVAL LABORATORY

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Request No. ATR6603002

Report No. 6603-0006

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 : 01/03/2023 SAMPLE NO. : A66030006
 RECEIVED DATE : 02/03/2023 SAMPLING TIME : 10:15-11:15
 SAMPLING INSTRUMENT : Personal Pump Flow rate 1.00 L/min TESTED DATE : 02/03/2023-07/03/2023
 Serial No. 20200403061 REPORTED DATE : 09/03/2023

PARAMETER*	TEST METHOD	RESULT	STD ^{/1}	UNIT
Chlorine (Cl ₂)	Ion Chromatography Method (OSHA ID 202)	0.652	3	mg/m ³
		0.225	1	ppm

REMARK:^{/1} 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)

09/03/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By



(Mr. Kawee Suthasub)

09/03/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Request No. ATR6603002

Report No. 6603-0007

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 : 01/03/2023 SAMPLE NO. : A66030007
 RECEIVED DATE : 02/03/2023 SAMPLING TIME : 10:20-11:20
 SAMPLING INSTRUMENT : Personal Pump Flow rate 1.00 L/min TESTED DATE : 02/03/2023-07/03/2023
 Serial No. 20150302002 REPORTED DATE : 09/03/2023

PARAMETER*	TEST METHOD	RESULT	STD ¹	UNIT
Chlorine (Cl ₂)	Ion Chromatography Method (OSHA ID 202)	0.328	3	mg/m ³
		0.113	1	ppm

REMARK:

¹ 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)

09/03/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By



(Mr. Kawee Suthasub)

09/03/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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 WITHOUT THE WRITTEN APPROVAL LABORATORY

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Request No. ATR6604020

Report No. 6604-0487

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 : 07/04/2023 SAMPLE NO. : A66040487
 RECEIVED DATE : 10/04/2023 SAMPLING TIME : 10:20-11:20
 SAMPLING INSTRUMENT : Personal Pump Flow rate 1.00 L/min TESTED DATE : 10/04/2023-11/04/2023
 Serial No. 20211103024 REPORTED DATE : 12/04/2023

PARAMETER*	TEST METHOD	RESULT	STD ^{/1}	UNIT
Chlorine (Cl2)	Ion Chromatography Method (OSHA ID 202)	0.668	3	mg/m ³
		0.230	1	ppm

REMARK:

^{/1} 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.

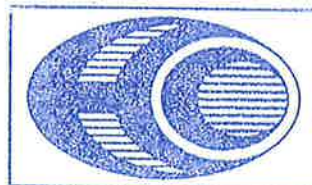
(Sampling By Mr. Wattana Khotla)

Examined By



(Miss Thanatporn Klinsoon)

12/04/2023



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By



(Mr. Kawee Suthasub)

12/04/2023

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Request No. ATR6604020

Report No. 6604-0488

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 : 07/04/2023 SAMPLE NO. : A66040488
 RECEIVED DATE : 10/04/2023 SAMPLING TIME : 10:17-11:17
 SAMPLING INSTRUMENT : Personal Pump Flow rate 1.00 L/min TESTED DATE : 10/04/2023-11/04/2023
 Serial No. 20211102125 REPORTED DATE : 12/04/2023

PARAMETER*	TEST METHOD	RESULT	STD ^{/1}	UNIT
Chlorine (Cl ₂)	Ion Chromatography Method (OSHA ID 202)	0.574	3	mg/m ³
		0.198	1	ppm

REMARK:

^{/1} Notification of The Department of Labour Protection and Welfare B.E.2560 (2017), Concentration Limits of Hazardous Chemicals.

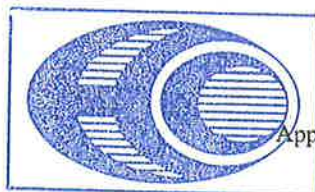
* Parameter have License Registration of Department of Labour Protection and Welfare No.0201-03-2564-0008 and No.0202-03-2564-0005.

(Sampling By Mr. Wattana Khotla)

Examined By

(Miss Thanatporn Klinsoon)

12/04/2023



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Approved By

(Mr. Kawee Suthasub)

12/04/2023

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Request No. ATR6605028

Report No. 6605-0295

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 : 08/05/2023 SAMPLE NO. : A66050295
 RECEIVED DATE : 10/05/2023 SAMPLING TIME : 09:30-10:30
 SAMPLING INSTRUMENT : Personal Pump Flow rate 1.00 L/min TESTED DATE : 10/05/2023-16/05/2023
 Serial No. 20200403064 REPORTED DATE : 17/05/2023

PARAMETER*	TEST METHOD	RESULT	STD ^{1/}	UNIT
Chlorine (Cl ₂)	Ion Chromatography Method (OSHA ID 202)	0.138	3	mg/m ³
		0.048	1	ppm

REMARK:

^{1/} 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)

17/05/2023



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Approved By

(Mr. Kawee Suthasub)

17/05/2023

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Request No. ATR6605028

Report No. 6605-0296

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 : 08/05/2023 SAMPLE NO. : A66050296
 RECEIVED DATE : 10/05/2023 SAMPLING TIME : 09:30-10:30
 SAMPLING INSTRUMENT : Personal Pump Flow rate 1.00 L/min TESTED DATE : 10/05/2023-16/05/2023
 Serial No. 20200403076 REPORTED DATE : 17/05/2023

PARAMETER*	TEST METHOD	RESULT	STD ^{/1}	UNIT
Chlorine (Cl ₂)	Ion Chromatography Method (OSHA ID 202)	0.762	3	mg/m ³
		0.263	1	ppm

REMARK:

^{/1} 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 Klinsoapon)

17/05/2023



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Approved By

(Mr. Kawee Suthasub)

17/05/2023

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Request No. ATR6606012

Report No. 6606-0355

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 : 02/06/2023 SAMPLE NO. : A66060355
RECEIVED DATE : 05/06/2023 SAMPLING TIME : 09:25-10:25
SAMPLING INSTRUMENT : Personal Pump Flow rate 1.00 L/min TESTED DATE : 05/06/2023-09/06/2023
Serial No. 20211102097 REPORTED DATE : 12/06/2023

PARAMETER*	TEST METHOD	RESULT	STD ^{/1}	UNIT
Chlorine (Cl ₂)	Ion Chromatography Method (OSHA ID 202)	0.221	3	mg/m ³
		0.076	1	ppm

REMARK:

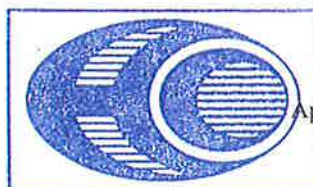
^{/1} Notification of The Department of Labour Protection and Welfare B.E.2560 (2017), Concentration Limits of Hazardous Chemicals.* Parameter have License Registration of Department of Labour Protection and Welfare No.0201-03-2564-0008 and
No.0202-03-2564-0005.

(Sampling By Mr. Nitchaphon Tonglor)

Examined By

(Miss Thanatporn Klinsonpon)

12/06/2023



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Approved By

(Mr. Kawee Suthasub)

12/06/2023

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Request No. ATR6606012

Report No. 6606-0356

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 : 02/06/2023 SAMPLE NO. : A66060356
RECEIVED DATE : 05/06/2023 SAMPLING TIME : 09:26-10:26
SAMPLING INSTRUMENT : Personal Pump Flow rate 1.00 L/min TESTED DATE : 05/06/2023-09/06/2023
Serial No. 20211102098 REPORTED DATE : 12/06/2023

PARAMETER*	TEST METHOD	RESULT	STD ¹	UNIT
Chlorine (Cl ₂)	Ion Chromatography Method (OSHA ID 202)	0.969	3	mg/m ³
		0.334	1	ppm

REMARK:

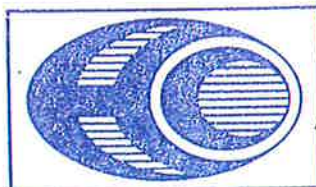
¹ Notification of The Department of Labour Protection and Welfare B.E.2560 (2017), Concentration Limits of Hazardous Chemicals.* Parameter have License Registration of Department of Labour Protection and Welfare No.0201-03-2564-0008 and
No.0202-03-2564-0005.

(Sampling By Mr. Nitchaphon Tonglor)

Examined By

(Miss Thanatporn Klinsoon)

12/06/2023



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Approved By

(Mr. Kawee Suthasub)

12/06/2023

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683 Moo 11 Sukhapibarn 8 Rd., Nongkham, Sriracha, Chonburi 20230
Tel: 0-3848-1197-8, 0-3876-3031-2 Fax : 0-3848-2095 E-mail : marketing@etc1992.com



Request No. LA66-R0112

Report No. R6601-0486

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. : 00493
DETERMINATION METHOD : ISO 11202:2010 MEASURING DATE : 10/01/2023
INSTRUMENT : Integrated Sound Level Meter RECEIVED DATE : 10/01/2023
S/N 00310456 : Type 2 REPORTED DATE : 13/01/2023

MEASURING TIME	RESULT ^{/1}	RESULT ^{/2}	UNIT
10:15-11:15	80.2	80.2	dB(A)
11:15-12:15	79.9	79.9	dB(A)
12:15-13:15	79.1	79.1	dB(A)
13:15-14:15	80.9	80.9	dB(A)
14:15-15:15	80.1	80.1	dB(A)
15:15-16:15	79.3	79.3	dB(A)
16:15-17:15	79.9	79.9	dB(A)
17:15-18:15	79.7	79.7	dB(A)
L_{eq} 8 hr. (TWA)	79*	79**	dB(A)
Standard	85 ^{/1}	90 ^{/2}	dB(A)

REMARK : ^{/1} Notification of The Department of Labour Protection and Welfare B.E. 2561 (2018)

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

^{/2} 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

*** 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. Savita Kittinoavarat)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By

(MRS. WANPEN LHAOCHINDAWAT)

13/01/2023

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Request No. LA66-R0505

Report No. R6605-0065

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. : 07218
DETERMINATION METHOD : ISO 11202:2010 MEASURING DATE : 26/04/2023
INSTRUMENT : Integrated Sound Level Meter RECEIVED DATE : 26/04/2023
S/N 01209912 : Class 2 REPORTED DATE : 06/05/2023

MEASURING TIME	RESULT ^{/1}	RESULT ^{/2}	UNIT
10:00-11:00	84	84	dB(A)
11:00-12:00	84	84	dB(A)
12:00-13:00	80	80	dB(A)
13:00-14:00	81	81	dB(A)
14:00-15:00	82	82	dB(A)
15:00-16:00	84	84	dB(A)
16:00-17:00	83	83	dB(A)
17:00-18:00	83	83	dB(A)
L_{eq} 8 hr. (TWA)	82*	82**	dB(A)
Standard	85 ^{/1}	90 ^{/2}	dB(A)

REMARK :

^{/1} Notification of The Department of Labour Protection and Welfare B.E. 2561 (2018)

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

^{/2} Notification of The Ministry of Industry B.E. 2546 (2003)

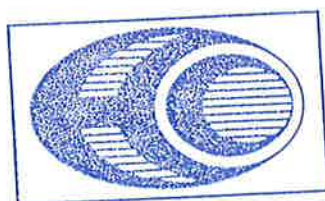
* Based on Criteria 85 dB(A); 3 dB Exchange Rate

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

*** 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 Mr. Wattana Khotla)



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Approved By


(MRS. WANPEN LHAOCHINDAWAT)

06/05/2023

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683 Moo 11 Sukhapibarn 8 Rd., Nongkham, Sriracha, Chonburi 20230
Tel. 0-3848-1197-8, 0-3876-3031-2 Fax : 0-3848-2095 E-mail : marketing@etc1992.com



Request No. LA66-R0112

Report No. R6601-0483

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. : 00490
DETERMINATION METHOD : ISO 11202:2010 MEASURING DATE : 10/01/2023
INSTRUMENT : Integrated Sound Level Meter RECEIVED DATE : 10/01/2023
S/N 01209914 : Type 2 REPORTED DATE : 13/01/2023

MEASURING TIME	RESULT ¹	RESULT ²	UNIT
10:00-11:00	75.1	75.1	dB(A)
11:00-12:00	74.9	74.9	dB(A)
12:00-13:00	74.8	74.8	dB(A)
13:00-14:00	75.2	75.2	dB(A)
14:00-15:00	75.5	75.5	dB(A)
15:00-16:00	75.3	75.3	dB(A)
16:00-17:00	75.5	75.5	dB(A)
17:00-18:00	74.9	74.9	dB(A)
L_{eq} 8 hr. (TWA)	75*	75**	dB(A)
Standard	85 ¹	90 ²	dB(A)

REMARK : ¹ Notification of The Department of Labour Protection and Welfare B.E. 2561 (2018)
(Published in the Government Gazette on January 26, 2018)

² 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

*** 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. Savita Kittinoavarat)



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Approved By
(MRS. WANPEN LHAOCHINDAWAT)

13/01/2023

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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. : 07217
DETERMINATION METHOD : ISO 11202:2010 MEASURING DATE : 26/04/2023
INSTRUMENT : Integrated Sound Level Meter RECEIVED DATE : 26/04/2023
S/N 00310458 : Class 2 REPORTED DATE : 06/05/2023

MEASURING TIME	RESULT ¹	RESULT ²	UNIT
09:45-10:45	75	75	dB(A)
10:45-11:45	76	76	dB(A)
11:45-12:45	76	76	dB(A)
12:45-13:45	74	74	dB(A)
13:45-14:45	75	75	dB(A)
14:45-15:45	75	75	dB(A)
15:45-16:45	75	75	dB(A)
16:45-17:45	75	75	dB(A)
L_{eq} 8 hr. (TWA)	75*	75**	dB(A)
Standard	85 ¹	90 ²	dB(A)

REMARK : ¹ Notification of The Department of Labour Protection and Welfare B.E. 2561 (2018)
(Published in the Government Gazette on January 26, 2018)

² 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

*** 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 Mr. Wattana Khotla)



Approved By ... 

(MRS. WANPEN LHAOCHINDAWAT)

06/05/2023

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Tel. 0-3848-1197-8, 0-3876-3031-2 Fax : 0-3848-2095 E-mail : marketing@etc1992.com



NSC-TISI-TIS 17025
TESTING 0031

Request No. LA66-R0112

Report No. R6601-0484

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. : 00491
DETERMINATION METHOD : ISO 11202:2010 MEASURING DATE : 10/01/2023
INSTRUMENT : Integrated Sound Level Meter RECEIVED DATE : 10/01/2023
S/N 00310455 : Type 2 REPORTED DATE : 13/01/2023

MEASURING TIME	RESULT ^{1/}	RESULT ^{2/}	UNIT
10:05-11:05	76.0	76.0	dB(A)
11:05-12:05	72.2	72.2	dB(A)
12:05-13:05	71.6	71.6	dB(A)
13:05-14:05	74.7	74.7	dB(A)
14:05-15:05	74.7	74.7	dB(A)
15:05-16:05	76.0	76.0	dB(A)
16:05-17:05	76.4	76.4	dB(A)
17:05-18:05	75.3	75.3	dB(A)
L_{eq} 8 hr. (TWA)	74*	74**	dB(A)
Standard	85 ^{1/}	90 ^{2/}	dB(A)

REMARK : ^{1/} Notification of The Department of Labour Protection and Welfare B.E. 2561 (2018)

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

^{2/} 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

*** 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. Savita Kittinoavarat)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By

(MRS. WANPEN LHAOCHINDAWAT)

13/01/2023

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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. : 07220
DETERMINATION METHOD : ISO 11202:2010 MEASURING DATE : 26/04/2023
INSTRUMENT : Integrated Sound Level Meter RECEIVED DATE : 26/04/2023
S/N 01209914 : Class 2 REPORTED DATE : 06/05/2023

MEASURING TIME	RESULT ^{1/}	RESULT ^{2/}	UNIT
09:55-10:55	76	76	dB(A)
10:55-11:55	81	81	dB(A)
11:55-12:55	75	75	dB(A)
12:55-13:55	74	74	dB(A)
13:55-14:55	75	75	dB(A)
14:55-15:55	74	74	dB(A)
15:55-16:55	75	75	dB(A)
16:55-17:55	74	74	dB(A)
L_{eq} 8 hr. (TWA)	76*	75**	dB(A)
Standard	85 ^{1/}	90 ^{2/}	dB(A)

REMARK : ^{1/} Notification of The Department of Labour Protection and Welfare B.E. 2561 (2018)

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

^{2/} Notification of The Ministry of Industry B.E. 2546 (2003)

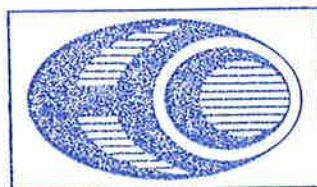
* Based on Criteria 85 dB(A); 3 dB Exchange Rate

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

*** 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 Mr. Wattana Khotla)



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Approved By



(MRS. WANPEN LHAOCHINDAWAT)

06/05/2023

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EASTERN THAI CONSULTING 1992 CO., LTD.

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Tel. 0-3848-1197-8, 0-3876-3031-2 Fax : 0-3848-2095 E-mail : marketing@etc1992.com



Request No. LA66-R0112

Report No. R6601-0485

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 : หน่วยผลิต MTA-7
PARAMETER*** : L_{eq} 1 hr. & L_{eq} 8 hr. SAMPLE NO. : 00492
DETERMINATION METHOD : ISO 11202:2010 MEASURING DATE : 10/01/2023
INSTRUMENT : Integrated Sound Level Meter RECEIVED DATE : 10/01/2023
S/N 00209071 : Type 2 REPORTED DATE : 13/01/2023

MEASURING TIME	RESULT ¹	RESULT ²	UNIT
10:10-11:10	81.7	81.7	dB(A)
11:10-12:10	81.8	81.8	dB(A)
12:10-13:10	81.7	81.7	dB(A)
13:10-14:10	81.8	81.8	dB(A)
14:10-15:10	82.0	82.0	dB(A)
15:10-16:10	82.4	82.4	dB(A)
16:10-17:10	82.1	82.1	dB(A)
17:10-18:10	81.8	81.8	dB(A)
L_{eq} 8 hr. (TWA)	81*	81**	dB(A)
Standard	85 ¹	90 ²	dB(A)

REMARK : ¹ Notification of The Department of Labour Protection and Welfare B.E. 2561 (2018)

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

² 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

*** 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. Savita Kittinoavarat)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By

(MRS. WANPEN LHAOCHINDAWAT)

13/01/2023

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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. : 07219
DETERMINATION METHOD : ISO 11202:2010 MEASURING DATE : 26/04/2023
INSTRUMENT : Integrated Sound Level Meter RECEIVED DATE : 26/04/2023
S/N 00443359 : Class 2 REPORTED DATE : 06/05/2023

MEASURING TIME	RESULT ^{/1}	RESULT ^{/2}	UNIT
10:00-11:00	76	76	dB(A)
11:00-12:00	81	81	dB(A)
12:00-13:00	75	75	dB(A)
13:00-14:00	74	74	dB(A)
14:00-15:00	75	75	dB(A)
15:00-16:00	74	74	dB(A)
16:00-17:00	75	75	dB(A)
17:00-18:00	74	74	dB(A)
L_{eq} 8 hr. (TWA)	76*	75**	dB(A)
Standard	85 ^{/1}	90 ^{/2}	dB(A)

REMARK :

^{/1} Notification of The Department of Labour Protection and Welfare B.E. 2561 (2018)

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

^{/2} Notification of The Ministry of Industry B.E. 2546 (2003)

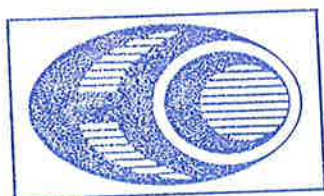
* Based on Criteria 85 dB(A); 3 dB Exchange Rate

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

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

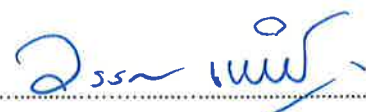
(Ms. Thanatporn Klinsoon is Section Head / Mrs. Wanpen Lhaochindawat is Technical Management)

(Measurement By Mr. Wattana Khotla)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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(MRS. WANPEN LHAOCHINDAWAT)

06/05/2023

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Request No. LA66-R0505

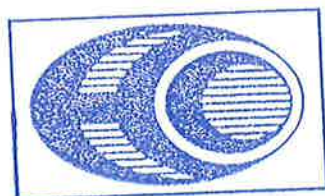
Report No. R6604-0060

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 (คุณจิรฉัตร สุวรรณบุรณ์)
 MEASURING DATE : 26/04/2023 SAMPLE NO. : 07213
 RECEIVED DATE : 26/04/2023 SAMPLING TIME : 09:00-17:00
 SAMPLING INSTRUMENT : Noise dosimeter : S/N CA8886 REPORTED DATE : 06/05/2023

PARAMETER*	RESULT	STANDARD	UNIT
Time weighted average level (8-hr TWA) [#]	68.0	85 ^{/1}	dB(A)
8 Hour dose	2.00	100 ^{/2}	%

REMARK : ^{/1} Notification of The Department of Labour Protection and Welfare B.E. 2561 (2018)
^{/2} Standard of National Institute for Occupational Safety and Health, Occupational Noise Exposure Revised Criteria 1998
[#] 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 Mr. Wattana Khotla)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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06/05/2023

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Request No. LA66-R0505

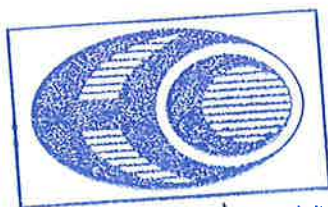
Report No. R6604-0061

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 (คุณสงกรานต์ เมืองนุช)
 MEASURING DATE : 26/04/2023 SAMPLE NO. : 07214
 RECEIVED DATE : 26/04/2023 SAMPLING TIME : 09:00-17:00
 SAMPLING INSTRUMENT : Noise dosimeter : S/N CA8888 REPORTED DATE : 06/05/2023

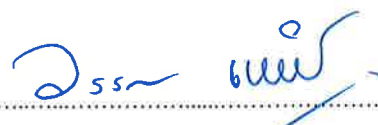
PARAMETER*	RESULT	STANDARD	UNIT
Time weighted average level (8-hr TWA) [#]	74.0	85 ^{/1}	dB(A)
8 Hour dose	8.00	100 ^{/2}	%

REMARK : ^{/1} Notification of The Department of Labour Protection and Welfare B.E. 2561 (2018)
^{/2} Standard of National Institute for Occupational Safety and Health, Occupational Noise Exposure Revised Criteria 1998
[#] 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 Mr. Wattana Khotla)



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Approved By



(MRS. WANPEN LHAOCHINDAWAT)

06/05/2023

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Request No. LA66-R0505

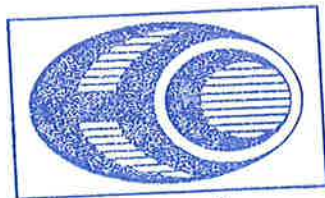
Report No. R6604-0062

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 (คุณจักรกฤษณ์ กายสิทธิ์)
 MEASURING DATE : 26/04/2023 SAMPLE NO. : 07215
 RECEIVED DATE : 26/04/2023 SAMPLING TIME : 09:00-17:00
 SAMPLING INSTRUMENT : Noise dosimeter : S/N CB0641 REPORTED DATE : 06/05/2023


PARAMETER*	RESULT	STANDARD	UNIT
Time weighted average level (8-hr TWA) [#]	74.0	85 ^{/1}	dB(A)
8 Hour dose	8.00	100 ^{/2}	%

REMARK : ^{/1} Notification of The Department of Labour Protection and Welfare B.E. 2561 (2018)
^{/2} Standard of National Institute for Occupational Safety and Health, Occupational Noise Exposure Revised Criteria 1998
[#] 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 Mr. Wattana Khotla)



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Approved By



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Request No. LA66-R0505

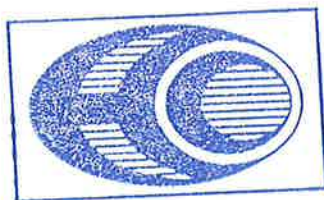
Report No. R6604-0063

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 (คุณวระวุฒิ คำเอก)
MEASURING DATE : 26/04/2023 SAMPLE NO. : 07216
RECEIVED DATE : 26/04/2023 SAMPLING TIME : 09:00-17:00
SAMPLING INSTRUMENT : Noise dosimeter : S/N CA8889 REPORTED DATE : 06/05/2023

PARAMETER*	RESULT	STANDARD	UNIT
Time weighted average level (8-hr TWA) [#]	71.0	85 ^{/1}	dB(A)
8 Hour dose	4.00	100 ^{/2}	%

REMARK : ^{/1} Notification of The Department of Labour Protection and Welfare B.E. 2561 (2018)
^{/2} Standard of National Institute for Occupational Safety and Health, Occupational Noise Exposure Revised Criteria 1998
[#] 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 Mr. Wattana Khotla)



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