

ภาคผนวก ค

รายงานผลการตรวจวัดคุณภาพสิ่งแวดล้อม

Request No. ATR6806013

Report No. 6806-0108 - 6806-0114

TEST REPORT

CUSTOMER : GC Polyols Company Limited.
 ADDRESS : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong 21150
 SAMPLE SOURCE : GCP Plant
 SAMPLE NAME : วัดมาบชลุค
 RECEIVED DATE : 06/06/2025 SAMPLE NO. : A68060108 - A68060114
 TESTED DATE : 06/06/2025-09/06/2025 REPORTED DATE : 10/06/2025

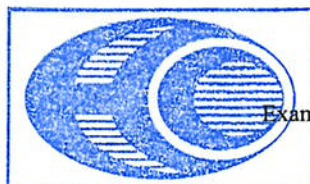
PARAMETER**	TEST METHOD	SAMPLING DATE	RESULT ^{1/}	UNIT
Propylene oxide	NIOSH1612/GC-FID	21-22/05/2025	ND	mg/m ³
			ND	ppm
		22-23/05/2025	ND	mg/m ³
			ND	ppm
		23-24/05/2025	ND	mg/m ³
			ND	ppm
		24-25/05/2025	ND	mg/m ³
			ND	ppm
		25-26/05/2025	ND	mg/m ³
			ND	ppm
		26-27/05/2025	ND	mg/m ³
			ND	ppm
		27-28/05/2025	ND	mg/m ³
			ND	ppm

REMARK:^{1/} ND = Non detectable : When detection limit of Propylene Oxide is less than 0.10 mg/m³ or 0.05 ppm.

** Sampling By Eastern Thai Consulting 1992 Co.,Ltd., (Mr. Suphakorn Noppornpitak)

Analysed By SECOT Co.,Ltd.

GPS = Sampling at UTM 47P 736823E 1407369N



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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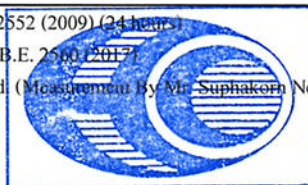
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TEST REPORT

CUSTOMER : GC Polyols Company Limited
ADDRESS : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong, 21150
SAMPLE SOURCE : GCP Plant
SAMPLE POINT : วัดมาบขลุ่ย
SAMPLING DATE : 21-22/05/2025
RECEIVED DATE : 28/05/2025
SAMPLE NO. : 14326
REPORTED DATE : 11/06/2025

PARAMETER	TEST METHOD	NON DETECTION		RESULT		STANDARD ¹	UNIT
		ppbv	µg/m ³	ppbv	µg/m ³		
VOCs ³ (24 hours)							
Difluorochloromethane	EPA Methods TO-15,1999	0.04	0.14	0.34	1.20	-	µg/m ³
Propene	EPA Methods TO-15,1999	0.10	0.17	3.55	6.11	-	µg/m ³
Dichlorodifluoromethane	EPA Methods TO-15,1999	0.02	0.10	0.60	2.97	-	µg/m ³
Chloromethane	EPA Methods TO-15,1999	0.04	0.08	0.74	1.53	-	µg/m ³
1,2-Dichlorotetrafluoroethane	EPA Methods TO-15,1999	0.02	0.14	ND	ND	-	µg/m ³
Acetaldehyde	EPA Methods TO-15,1999	0.20	0.36	4.88	8.78	860	µg/m ³
Vinyl chloride	EPA Methods TO-15,1999	0.003	0.008	0.06	0.15	20	µg/m ³
2-methyl-1-propene	EPA Methods TO-15,1999	0.10	0.23	0.50	1.15	-	µg/m ³
1,3-Butadiene	EPA Methods TO-15,1999	0.003	0.007	ND	ND	5.3	µg/m ³
Bromomethane	EPA Methods TO-15,1999	0.004	0.016	ND	ND	190	µg/m ³
Ethyl Chloride	EPA Methods TO-15,1999	0.10	0.26	ND	ND	-	µg/m ³
Ethanol	EPA Methods TO-15,1999	0.20	0.38	1.87	3.53	-	µg/m ³
Trichlorofluoromethane	EPA Methods TO-15,1999	0.02	0.11	0.24	1.35	-	µg/m ³
Acetonitrile	EPA Methods TO-15,1999	0.20	0.34	ND	ND	-	µg/m ³
Acrolein	EPA Methods TO-15,1999	0.005	0.011	ND	ND	0.55	µg/m ³
Acetone	EPA Methods TO-15,1999	0.10	0.24	14.77	35.10	-	µg/m ³
Propanal	EPA Methods TO-15,1999	0.04	0.10	13.24	31.46	-	µg/m ³
Isopropyl alcohol	EPA Methods TO-15,1999	0.04	0.12	ND	ND	-	µg/m ³
Pentane	EPA Methods TO-15,1999	0.04	0.12	3.09	9.12	-	µg/m ³
2-methyl-1,3-butadiene	EPA Methods TO-15,1999	0.04	0.11	0.11	0.31	-	µg/m ³
1,1-dichloroethene	EPA Methods TO-15,1999	0.04	0.16	ND	ND	-	µg/m ³
Acrylonitrile	EPA Methods TO-15,1999	0.005	0.011	0.18	0.39	10	µg/m ³
1,1,2-trichloro-1,2,2-trifluoroethane	EPA Methods TO-15,1999	0.02	0.15	0.06	0.46	-	µg/m ³
Iodomethane	EPA Methods TO-15,1999	0.02	0.12	ND	ND	-	µg/m ³
Dichloromethane	EPA Methods TO-15,1999	0.007	0.024	0.76	2.64	210	µg/m ³
Carbon disulfide	EPA Methods TO-15,1999	0.002	0.006	0.09	0.28	100 ²	µg/m ³
1-propanol	EPA Methods TO-15,1999	1.00	2.46	ND	ND	-	µg/m ³
2-methoxy-2-methylpropane	EPA Methods TO-15,1999	0.02	0.07	ND	ND	-	µg/m ³
trans-1,2-dichloroethene	EPA Methods TO-15,1999	0.02	0.07	ND	ND	-	µg/m ³
Methacrolein	EPA Methods TO-15,1999	0.10	0.29	ND	ND	-	µg/m ³
Cyclopentane	EPA Methods TO-15,1999	0.04	0.11	0.15	0.43	-	µg/m ³
Acetic acid ethenyl ester	EPA Methods TO-15,1999	0.04	0.16	ND	ND	-	µg/m ³
1,1-dichloroethane	EPA Methods TO-15,1999	0.04	0.16	ND	ND	-	µg/m ³
Methyl vinyl ketone	EPA Methods TO-15,1999	0.10	0.29	ND	ND	-	µg/m ³
Butanal	EPA Methods TO-15,1999	0.10	0.29	0.39	1.15	-	µg/m ³
2-butanone	EPA Methods TO-15,1999	0.10	0.29	1.07	3.16	-	µg/m ³
Hexane	EPA Methods TO-15,1999	0.04	0.14	0.82	2.89	-	µg/m ³
cis-1,2-dichloroethene	EPA Methods TO-15,1999	0.04	0.16	ND	ND	-	µg/m ³
Chloroform	EPA Methods TO-15,1999	0.005	0.024	0.04	0.20	57	µg/m ³

REMARK : ¹ Notification of Pollution Control Department B.E. 2552 (2009) (24 hours)
² Notification of The National Environmental Board B.E. 2560 (2017)
³ Sampling by Eastern Thai Consulting 1992 Co., Ltd. (Measurement by Mr. Suphakorn Noppornpitak)
Analyzed by Secot Co., Ltd.



Examined By

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

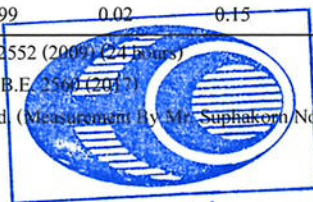
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TEST REPORT

CUSTOMER : GC Polyols Company Limited
ADDRESS : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong, 21150
SAMPLE SOURCE : GCP Plant
SAMPLE POINT : วัดมาบชูด
SAMPLING DATE : 21-22/05/2025
RECEIVED DATE : 28/05/2025
SAMPLE NO. : 14326
REPORTED DATE : 11/06/2025

PARAMETER	TEST METHOD	NON DETECTION		RESULT		STANDARD ^{1/}	UNIT
		ppbv	µg/m ³	ppbv	µg/m ³		
VOCs ^{2/} (24 hours)							
1,1,1-trichloroethane	EPA Methods TO-15,1999	0.04	0.22	ND	ND	-	µg/m ³
1,2-dichloroethane	EPA Methods TO-15,1999	0.003	0.012	0.04	0.16	48	µg/m ³
1-butanol	EPA Methods TO-15,1999	0.20	0.61	ND	ND	-	µg/m ³
Benzene	EPA Methods TO-15,1999	0.004	0.013	0.37	1.18	7.6	µg/m ³
Carbon tetrachloride	EPA Methods TO-15,1999	0.004	0.025	0.08	0.50	150	µg/m ³
Cyclohexane	EPA Methods TO-15,1999	0.02	0.07	0.26	0.90	-	µg/m ³
2-pentanone	EPA Methods TO-15,1999	0.04	0.14	ND	ND	-	µg/m ³
3-pentanone	EPA Methods TO-15,1999	0.04	0.14	ND	ND	-	µg/m ³
Pentanal	EPA Methods TO-15,1999	0.20	0.70	ND	ND	-	µg/m ³
Trichloroethylene	EPA Methods TO-15,1999	0.006	0.032	ND	ND	130	µg/m ³
1,2-dichloropropane	EPA Methods TO-15,1999	0.007	0.032	ND	ND	82	µg/m ³
1,4-dioxane	EPA Methods TO-15,1999	0.10	0.36	ND	ND	860	µg/m ³
Bromodichloromethane	EPA Methods TO-15,1999	0.02	0.13	ND	ND	-	µg/m ³
Methyl isobutyl ketone	EPA Methods TO-15,1999	0.10	0.41	ND	ND	-	µg/m ³
cis-1,3-dichloro-1-propene	EPA Methods TO-15,1999	0.04	0.18	ND	ND	-	µg/m ³
trans-1,3-dichloro-1-propene	EPA Methods TO-15,1999	0.10	0.45	ND	ND	-	µg/m ³
Toluene	EPA Methods TO-15,1999	0.02	0.08	2.03	7.65	-	µg/m ³
1,1,2-trichloroethane	EPA Methods TO-15,1999	0.02	0.11	ND	ND	-	µg/m ³
3-hexanone	EPA Methods TO-15,1999	0.10	0.41	ND	ND	-	µg/m ³
2-hexanone	EPA Methods TO-15,1999	0.04	0.16	ND	ND	-	µg/m ³
Hexanal	EPA Methods TO-15,1999	0.20	0.82	ND	ND	-	µg/m ³
Dibromochloromethane	EPA Methods TO-15,1999	0.02	0.17	ND	ND	-	µg/m ³
Tetrachloroethylene	EPA Methods TO-15,1999	0.006	0.041	<0.04	<0.27	400	µg/m ³
1,2-dibromoethane	EPA Methods TO-15,1999	0.006	0.046	ND	ND	370	µg/m ³
Chlorobenzene	EPA Methods TO-15,1999	0.02	0.09	0.02	0.09	-	µg/m ³
Ethylbenzene	EPA Methods TO-15,1999	0.02	0.09	0.21	0.91	-	µg/m ³
m,p-xylene	EPA Methods TO-15,1999	0.04	0.17	0.27	1.17	-	µg/m ³
Styrene	EPA Methods TO-15,1999	0.02	0.09	0.02	0.09	-	µg/m ³
o-xylene	EPA Methods TO-15,1999	0.02	0.09	0.06	0.26	-	µg/m ³
Tribromomethane	EPA Methods TO-15,1999	0.02	0.21	ND	ND	-	µg/m ³
1,1,2,2-tetrachloroethane	EPA Methods TO-15,1999	0.010	0.069	ND	ND	83	µg/m ³
1,3,5-trimethylbenzene	EPA Methods TO-15,1999	0.02	0.10	0.02	0.10	-	µg/m ³
1,2,4-trimethylbenzene	EPA Methods TO-15,1999	0.02	0.10	0.04	0.20	-	µg/m ³
1,3-dichlorobenzene	EPA Methods TO-15,1999	0.02	0.12	ND	ND	-	µg/m ³
Benzyl chloride	EPA Methods TO-15,1999	0.008	0.041	ND	ND	12	µg/m ³
1,4-dichlorobenzene	EPA Methods TO-15,1999	0.008	0.048	<0.04	<0.24	1100	µg/m ³
1,2,3-trimethylbenzene	EPA Methods TO-15,1999	0.02	0.10	0.02	0.10	-	µg/m ³
1,2-dichlorobenzene	EPA Methods TO-15,1999	0.02	0.12	0.02	0.12	-	µg/m ³
1,2,4-trichlorobenzene	EPA Methods TO-15,1999	0.02	0.15	ND	ND	-	µg/m ³

REMARK : ^{1/} Notification of Pollution Control Department B.E. 2552 (2009) (24 hours)
^{2/} Notification of The National Environmental Board B.E. 2551 (2008)
^{3/} Sampling by Eastern Thai Consulting 1992 Co., Ltd. (Measurement By Mr. Suphakorn Noppornpitak)
Analyzed by Secot Co., Ltd.



Examined By

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

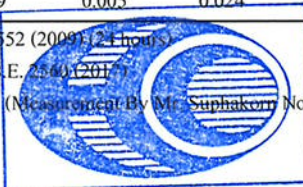
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TEST REPORT

CUSTOMER : GC Polyols Company Limited
ADDRESS : 9 Soi G-14. Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong, 21150
SAMPLE SOURCE : GCP Plant
SAMPLE POINT : วัดมาบชุลูค
SAMPLING DATE : 22-23/05/2025
RECEIVED DATE : 28/05/2025
SAMPLE NO. : 14327
REPORTED DATE : 11/06/2025

PARAMETER	TEST METHOD	NON DETECTION		RESULT		STANDARD ^{1/}	UNIT
		ppbv	µg/m ³	ppbv	µg/m ³		
VOCs ^{3/} (24 hours)							
Difluorochloromethane	EPA Methods TO-15.1999	0.04	0.14	0.29	1.03	-	µg/m ³
Propene	EPA Methods TO-15.1999	0.10	0.17	ND	ND	-	µg/m ³
Dichlorodifluoromethane	EPA Methods TO-15.1999	0.02	0.10	0.60	2.97	-	µg/m ³
Chloromethane	EPA Methods TO-15.1999	0.04	0.08	0.76	1.57	-	µg/m ³
1,2-Dichlorotetrafluoroethane	EPA Methods TO-15.1999	0.02	0.14	ND	ND	-	µg/m ³
Acetaldehyde	EPA Methods TO-15.1999	0.20	0.36	1.91	3.44	860	µg/m ³
Vinyl chloride	EPA Methods TO-15.1999	0.003	0.008	ND	ND	20	µg/m ³
2-methyl-1-propene	EPA Methods TO-15.1999	0.10	0.23	0.40	0.92	-	µg/m ³
1,3-Butadiene	EPA Methods TO-15.1999	0.003	0.007	ND	ND	5.3	µg/m ³
Bromomethane	EPA Methods TO-15.1999	0.004	0.016	ND	ND	190	µg/m ³
Ethyl Chloride	EPA Methods TO-15.1999	0.10	0.26	ND	ND	-	µg/m ³
Ethanol	EPA Methods TO-15.1999	0.20	0.38	ND	ND	-	µg/m ³
Trichlorofluoromethane	EPA Methods TO-15.1999	0.02	0.11	0.24	1.35	-	µg/m ³
Acetonitrile	EPA Methods TO-15.1999	0.20	0.34	ND	ND	-	µg/m ³
Acrolein	EPA Methods TO-15.1999	0.005	0.011	ND	ND	0.55	µg/m ³
Acetone	EPA Methods TO-15.1999	0.10	0.24	4.08	9.70	-	µg/m ³
Propanal	EPA Methods TO-15.1999	0.04	0.10	3.48	8.27	-	µg/m ³
Isopropyl alcohol	EPA Methods TO-15.1999	0.04	0.12	ND	ND	-	µg/m ³
Pentane	EPA Methods TO-15.1999	0.04	0.12	1.02	3.01	-	µg/m ³
2-methyl-1,3-butadiene	EPA Methods TO-15.1999	0.04	0.11	0.19	0.53	-	µg/m ³
1,1-dichloroethene	EPA Methods TO-15.1999	0.04	0.16	ND	ND	-	µg/m ³
Acrylonitrile	EPA Methods TO-15.1999	0.005	0.011	0.02	0.04	10	µg/m ³
1,1,2-trichloro-1,2,2-trifluoroethane	EPA Methods TO-15.1999	0.02	0.15	0.06	0.46	-	µg/m ³
Iodomethane	EPA Methods TO-15.1999	0.02	0.12	ND	ND	-	µg/m ³
Dichloromethane	EPA Methods TO-15.1999	0.007	0.024	0.47	1.63	210	µg/m ³
Carbon disulfide	EPA Methods TO-15.1999	0.002	0.006	0.04	0.12	100 ^{2/}	µg/m ³
1-propanol	EPA Methods TO-15.1999	1.00	2.46	ND	ND	-	µg/m ³
2-methoxy-2-methylpropane	EPA Methods TO-15.1999	0.02	0.07	ND	ND	-	µg/m ³
trans-1,2-dichloroethene	EPA Methods TO-15.1999	0.02	0.07	ND	ND	-	µg/m ³
Methacrolein	EPA Methods TO-15.1999	0.10	0.29	ND	ND	-	µg/m ³
Cyclopentane	EPA Methods TO-15.1999	0.04	0.11	0.06	0.17	-	µg/m ³
Acetic acid ethenyl ester	EPA Methods TO-15.1999	0.04	0.16	ND	ND	-	µg/m ³
1,1-dichloroethane	EPA Methods TO-15.1999	0.04	0.16	ND	ND	-	µg/m ³
Methyl vinyl ketone	EPA Methods TO-15.1999	0.10	0.29	ND	ND	-	µg/m ³
Butanal	EPA Methods TO-15.1999	0.10	0.29	ND	ND	-	µg/m ³
2-butanone	EPA Methods TO-15.1999	0.10	0.29	0.13	0.38	-	µg/m ³
Hexane	EPA Methods TO-15.1999	0.04	0.14	0.30	1.06	-	µg/m ³
cis-1,2-dichloroethene	EPA Methods TO-15.1999	0.04	0.16	ND	ND	-	µg/m ³
Chloroform	EPA Methods TO-15.1999	0.005	0.024	0.04	0.20	57	µg/m ³

REMARK : ^{1/} Notification of Pollution Control Department B.E. 2552 (2009) 24 hours
^{2/} Notification of The National Environmental Board B.E. 2560 (2017)
^{3/} Sampling by Eastern Thai Consulting 1992 Co., Ltd. (Measured by Mr. Suphakorn Noppornpitak)
Analyzed by Secot Co., Ltd.



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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ADDRESS : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong, 21150
SAMPLE SOURCE : GCP Plant
SAMPLE POINT : วัดมาบชูด
SAMPLING DATE : 22-23/05/2025
RECEIVED DATE : 28/05/2025
SAMPLE NO. : 14327
REPORTED DATE : 11/06/2025

PARAMETER	TEST METHOD	NON DETECTION		RESULT		STANDARD ^{1/}	UNIT
		ppbv	µg/m ³	ppbv	µg/m ³		
VOCs ^{2/} (24 hours)							
1,1,1-trichloroethane	EPA Methods TO-15.1999	0.04	0.22	ND	ND	-	µg/m ³
1,2-dichloroethane	EPA Methods TO-15.1999	0.003	0.012	0.04	0.16	48	µg/m ³
1-butanol	EPA Methods TO-15.1999	0.20	0.61	ND	ND	-	µg/m ³
Benzene	EPA Methods TO-15.1999	0.004	0.013	0.19	0.61	7.6	µg/m ³
Carbon tetrachloride	EPA Methods TO-15.1999	0.004	0.025	0.08	0.50	150	µg/m ³
Cyclohexane	EPA Methods TO-15.1999	0.02	0.07	0.13	0.45	-	µg/m ³
2-pentanone	EPA Methods TO-15.1999	0.04	0.14	ND	ND	-	µg/m ³
3-pentanone	EPA Methods TO-15.1999	0.04	0.14	ND	ND	-	µg/m ³
Pentanal	EPA Methods TO-15.1999	0.20	0.70	ND	ND	-	µg/m ³
Trichloroethylene	EPA Methods TO-15.1999	0.006	0.032	ND	ND	130	µg/m ³
1,2-dichloropropane	EPA Methods TO-15.1999	0.007	0.032	ND	ND	82	µg/m ³
1,4-dioxane	EPA Methods TO-15.1999	0.10	0.36	ND	ND	860	µg/m ³
Bromodichloromethane	EPA Methods TO-15.1999	0.02	0.13	ND	ND	-	µg/m ³
Methyl isobutyl ketone	EPA Methods TO-15.1999	0.10	0.41	ND	ND	-	µg/m ³
cis-1,3-dichloro-1-propene	EPA Methods TO-15.1999	0.04	0.18	ND	ND	-	µg/m ³
trans-1,3-dichloro-1-propene	EPA Methods TO-15.1999	0.10	0.45	ND	ND	-	µg/m ³
Toluene	EPA Methods TO-15.1999	0.02	0.08	0.97	3.65	-	µg/m ³
1,1,2-trichloroethane	EPA Methods TO-15.1999	0.02	0.11	ND	ND	-	µg/m ³
3-hexanone	EPA Methods TO-15.1999	0.10	0.41	ND	ND	-	µg/m ³
2-hexanone	EPA Methods TO-15.1999	0.04	0.16	ND	ND	-	µg/m ³
Hexanal	EPA Methods TO-15.1999	0.20	0.82	ND	ND	-	µg/m ³
Dibromochloromethane	EPA Methods TO-15.1999	0.02	0.17	ND	ND	-	µg/m ³
Tetrachloroethylene	EPA Methods TO-15.1999	0.006	0.041	<0.04	<0.27	400	µg/m ³
1,2-dibromoethane	EPA Methods TO-15.1999	0.006	0.046	ND	ND	370	µg/m ³
Chlorobenzene	EPA Methods TO-15.1999	0.02	0.09	0.02	0.09	-	µg/m ³
Ethylbenzene	EPA Methods TO-15.1999	0.02	0.09	0.15	0.65	-	µg/m ³
m,p-xylene	EPA Methods TO-15.1999	0.04	0.17	0.22	0.96	-	µg/m ³
Styrene	EPA Methods TO-15.1999	0.02	0.09	0.02	0.09	-	µg/m ³
o-xylene	EPA Methods TO-15.1999	0.02	0.09	0.06	0.26	-	µg/m ³
Tribromomethane	EPA Methods TO-15.1999	0.02	0.21	ND	ND	-	µg/m ³
1,1,2,2-tetrachloroethane	EPA Methods TO-15.1999	0.010	0.069	ND	ND	83	µg/m ³
1,3,5-trimethylbenzene	EPA Methods TO-15.1999	0.02	0.10	0.02	0.10	-	µg/m ³
1,2,4-trimethylbenzene	EPA Methods TO-15.1999	0.02	0.10	0.06	0.29	-	µg/m ³
1,3-dichlorobenzene	EPA Methods TO-15.1999	0.02	0.12	0.02	0.12	-	µg/m ³
Benzyl chloride	EPA Methods TO-15.1999	0.008	0.041	ND	ND	12	µg/m ³
1,4-dichlorobenzene	EPA Methods TO-15.1999	0.008	0.048	<0.04	<0.24	1100	µg/m ³
1,2,3-trimethylbenzene	EPA Methods TO-15.1999	0.02	0.10	0.02	0.10	-	µg/m ³
1,2-dichlorobenzene	EPA Methods TO-15.1999	0.02	0.12	0.02	0.12	-	µg/m ³
1,2,4-trichlorobenzene	EPA Methods TO-15.1999	0.02	0.15	ND	ND	-	µg/m ³

REMARK : ^{1/} Notification of Pollution Control Department B.E. 2552 (2009) (24 hours)^{2/} Notification of The National Environmental Board B.E. 2561 (2017)^{3/} Sampling by Eastern Thai Consulting 1992 Co., Ltd. (Measurement By Mr. Suphakorn Noppornpitak)

Analyzed by Secot Co., Ltd.



Examined By .

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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TEST REPORT

CUSTOMER : GC Polyols Company Limited
 ADDRESS : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong, 21150
 SAMPLE SOURCE : GCP Plant
 SAMPLE POINT : วัดมาบชุลุด
 SAMPLING DATE : 23-24/05/2025
 RECEIVED DATE : 28/05/2025

SAMPLE NO. : 14328
 REPORTED DATE : 11/06/2025

PARAMETER	TEST METHOD	NON DETECTION		RESULT		STANDARD ¹	UNIT
		ppbv	µg/m ³	ppbv	µg/m ³		
VOCs ³ (24 hours)							
Difluorochloromethane	EPA Methods TO-15.1999	0.04	0.14	0.40	1.42	-	µg/m ³
Propene	EPA Methods TO-15.1999	0.10	0.17	ND	ND	-	µg/m ³
Dichlorodifluoromethane	EPA Methods TO-15.1999	0.02	0.10	0.60	2.97	-	µg/m ³
Chloromethane	EPA Methods TO-15.1999	0.04	0.08	0.68	1.40	-	µg/m ³
1,2-Dichlorotetrafluoroethane	EPA Methods TO-15.1999	0.02	0.14	ND	ND	-	µg/m ³
Acetaldehyde	EPA Methods TO-15.1999	0.20	0.36	1.99	3.58	860	µg/m ³
Vinyl chloride	EPA Methods TO-15.1999	0.003	0.008	ND	ND	20	µg/m ³
2-methyl-1-propene	EPA Methods TO-15.1999	0.10	0.23	0.13	0.30	-	µg/m ³
1,3-Butadiene	EPA Methods TO-15.1999	0.003	0.007	ND	ND	5.3	µg/m ³
Bromomethane	EPA Methods TO-15.1999	0.004	0.016	ND	ND	190	µg/m ³
Ethyl Chloride	EPA Methods TO-15.1999	0.10	0.26	ND	ND	-	µg/m ³
Ethanol	EPA Methods TO-15.1999	0.20	0.38	ND	ND	-	µg/m ³
Trichlorofluoromethane	EPA Methods TO-15.1999	0.02	0.11	0.24	1.35	-	µg/m ³
Acetonitrile	EPA Methods TO-15.1999	0.20	0.34	ND	ND	-	µg/m ³
Acrolein	EPA Methods TO-15.1999	0.005	0.011	ND	ND	0.55	µg/m ³
Acetone	EPA Methods TO-15.1999	0.10	0.24	7.16	17.01	-	µg/m ³
Propanal	EPA Methods TO-15.1999	0.04	0.10	6.28	14.92	-	µg/m ³
Isopropyl alcohol	EPA Methods TO-15.1999	0.04	0.12	ND	ND	-	µg/m ³
Pentane	EPA Methods TO-15.1999	0.04	0.12	ND	ND	-	µg/m ³
2-methyl-1,3-butadiene	EPA Methods TO-15.1999	0.04	0.11	0.17	0.47	-	µg/m ³
1,1-dichloroethene	EPA Methods TO-15.1999	0.04	0.16	ND	ND	-	µg/m ³
Acrylonitrile	EPA Methods TO-15.1999	0.005	0.011	ND	ND	10	µg/m ³
1,1,2-trichloro-1,2,2-trifluoroethane	EPA Methods TO-15.1999	0.02	0.15	0.06	0.46	-	µg/m ³
Iodomethane	EPA Methods TO-15.1999	0.02	0.12	ND	ND	-	µg/m ³
Dichloromethane	EPA Methods TO-15.1999	0.007	0.024	0.32	1.11	210	µg/m ³
Carbon disulfide	EPA Methods TO-15.1999	0.002	0.006	0.09	0.28	100 ²	µg/m ³
1-propanol	EPA Methods TO-15.1999	1.00	2.46	ND	ND	-	µg/m ³
2-methoxy-2-methylpropane	EPA Methods TO-15.1999	0.02	0.07	ND	ND	-	µg/m ³
trans-1,2-dichloroethene	EPA Methods TO-15.1999	0.02	0.07	ND	ND	-	µg/m ³
Methacrolein	EPA Methods TO-15.1999	0.10	0.29	ND	ND	-	µg/m ³
Cyclopentane	EPA Methods TO-15.1999	0.04	0.11	0.04	0.11	-	µg/m ³
Acetic acid ethenyl ester	EPA Methods TO-15.1999	0.04	0.16	ND	ND	-	µg/m ³
1,1-dichloroethane	EPA Methods TO-15.1999	0.04	0.16	ND	ND	-	µg/m ³
Methyl vinyl ketone	EPA Methods TO-15.1999	0.10	0.29	ND	ND	-	µg/m ³
Butanal	EPA Methods TO-15.1999	0.10	0.29	0.10	0.29	-	µg/m ³
2-butanone	EPA Methods TO-15.1999	0.10	0.29	0.15	0.44	-	µg/m ³
Hexane	EPA Methods TO-15.1999	0.04	0.14	0.15	0.53	-	µg/m ³
cis-1,2-dichloroethene	EPA Methods TO-15.1999	0.04	0.16	ND	ND	-	µg/m ³
Chloroform	EPA Methods TO-15.1999	0.005	0.024	<0.04	<0.20	57	µg/m ³

REMARK :

¹ Notification of Pollution Control Department B.E. 2552 (2009) (24 hours)² Notification of The National Environmental Board B.E. 2560 (2017)³ Sampling by Eastern Thai Consulting 1992 Co., Ltd. (Measurement By Mr. Suphakorn Noppornpitak)

Analyzed by Secot Co., Ltd.



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By

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TEST REPORT

CUSTOMER : GC Polyols Company Limited
ADDRESS : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong, 21150
SAMPLE SOURCE : GCP Plant
SAMPLE POINT : วัดมาบชูด
SAMPLING DATE : 23-24/05/2025
RECEIVED DATE : 28/05/2025
SAMPLE NO. : 14328
REPORTED DATE : 11/06/2025

PARAMETER	TEST METHOD	NON DETECTION		RESULT		STANDARD ^{1/}	UNIT
		ppbv	µg/m ³	ppbv	µg/m ³		
VOCs (24 hours)							
1,1,1-trichloroethane	EPA Methods TO-15.1999	0.04	0.22	ND	ND	-	µg/m ³
1,2-dichloroethane	EPA Methods TO-15.1999	0.003	0.012	0.02	0.08	48	µg/m ³
1-butanol	EPA Methods TO-15.1999	0.20	0.61	ND	ND	-	µg/m ³
Benzene	EPA Methods TO-15.1999	0.004	0.013	0.17	0.54	7.6	µg/m ³
Carbon tetrachloride	EPA Methods TO-15.1999	0.004	0.025	0.08	0.50	150	µg/m ³
Cyclohexane	EPA Methods TO-15.1999	0.02	0.07	0.06	0.21	-	µg/m ³
2-pentanone	EPA Methods TO-15.1999	0.04	0.14	ND	ND	-	µg/m ³
3-pentanone	EPA Methods TO-15.1999	0.04	0.14	ND	ND	-	µg/m ³
Pentanal	EPA Methods TO-15.1999	0.20	0.70	ND	ND	-	µg/m ³
Trichloroethylene	EPA Methods TO-15.1999	0.006	0.032	ND	ND	130	µg/m ³
1,2-dichloropropane	EPA Methods TO-15.1999	0.007	0.032	<0.04	<0.18	82	µg/m ³
1,4-dioxane	EPA Methods TO-15.1999	0.10	0.36	ND	ND	860	µg/m ³
Bromodichloromethane	EPA Methods TO-15.1999	0.02	0.13	ND	ND	-	µg/m ³
Methyl isobutyl ketone	EPA Methods TO-15.1999	0.10	0.41	ND	ND	-	µg/m ³
cis-1,3-dichloro-1-propene	EPA Methods TO-15.1999	0.04	0.18	ND	ND	-	µg/m ³
trans-1,3-dichloro-1-propene	EPA Methods TO-15.1999	0.10	0.45	ND	ND	-	µg/m ³
Toluene	EPA Methods TO-15.1999	0.02	0.08	0.52	1.96	-	µg/m ³
1,1,2-trichloroethane	EPA Methods TO-15.1999	0.02	0.11	ND	ND	-	µg/m ³
3-hexanone	EPA Methods TO-15.1999	0.10	0.41	ND	ND	-	µg/m ³
2-hexanone	EPA Methods TO-15.1999	0.04	0.16	ND	ND	-	µg/m ³
Hexanal	EPA Methods TO-15.1999	0.20	0.82	ND	ND	-	µg/m ³
Dibromochloromethane	EPA Methods TO-15.1999	0.02	0.17	ND	ND	-	µg/m ³
Tetrachloroethylene	EPA Methods TO-15.1999	0.006	0.041	0.06	0.41	400	µg/m ³
1,2-dibromoethane	EPA Methods TO-15.1999	0.006	0.046	ND	ND	370	µg/m ³
Chlorobenzene	EPA Methods TO-15.1999	0.02	0.09	0.02	0.09	-	µg/m ³
Ethylbenzene	EPA Methods TO-15.1999	0.02	0.09	0.08	0.35	-	µg/m ³
m,p-xylene	EPA Methods TO-15.1999	0.04	0.17	0.18	0.78	-	µg/m ³
Styrene	EPA Methods TO-15.1999	0.02	0.09	0.02	0.09	-	µg/m ³
o-xylene	EPA Methods TO-15.1999	0.02	0.09	0.04	0.17	-	µg/m ³
Tribromomethane	EPA Methods TO-15.1999	0.02	0.21	ND	ND	-	µg/m ³
1,1,2,2-tetrachloroethane	EPA Methods TO-15.1999	0.010	0.069	ND	ND	83	µg/m ³
1,3,5-trimethylbenzene	EPA Methods TO-15.1999	0.02	0.10	0.02	0.10	-	µg/m ³
1,2,4-trimethylbenzene	EPA Methods TO-15.1999	0.02	0.10	0.02	0.10	-	µg/m ³
1,3-dichlorobenzene	EPA Methods TO-15.1999	0.02	0.12	0.02	0.12	-	µg/m ³
Benzyl chloride	EPA Methods TO-15.1999	0.008	0.041	ND	ND	12	µg/m ³
1,4-dichlorobenzene	EPA Methods TO-15.1999	0.008	0.048	<0.04	<0.24	1100	µg/m ³
1,2,3-trimethylbenzene	EPA Methods TO-15.1999	0.02	0.10	0.02	0.10	-	µg/m ³
1,2-dichlorobenzene	EPA Methods TO-15.1999	0.02	0.12	0.02	0.12	-	µg/m ³
1,2,4-trichlorobenzene	EPA Methods TO-15.1999	0.02	0.15	ND	ND	-	µg/m ³

REMARK : ^{1/} Notification of Pollution Control Department B.E. 2552 (2009) (24 hours)^{2/} Notification of The National Environmental Board B.E. 2560 (2017)^{3/} Sampling by Eastern Thai Consulting 1992 Co., Ltd. (Measurement By Mr. Suphakorn Noppornpitak)

Analyzed by Secot Co., Ltd.



Examined By

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

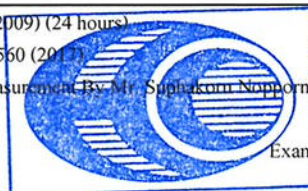
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TEST REPORT

CUSTOMER : GC Polyols Company Limited
ADDRESS : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong, 21150
SAMPLE SOURCE : GCP Plant
SAMPLE POINT : วัดมาบชุลุด
SAMPLING DATE : 24-25/05/2025
RECEIVED DATE : 28/05/2025
SAMPLE NO. : 14329
REPORTED DATE : 11/06/2025

PARAMETER	TEST METHOD	NON DETECTION		RESULT		STANDARD ^{1/}	UNIT
		ppbv	µg/m ³	ppbv	µg/m ³		
VOCs ^{3/} (24 hours)							
Difluorochloromethane	EPA Methods TO-15.1999	0.04	0.14	0.29	1.03	-	µg/m ³
Propene	EPA Methods TO-15.1999	0.10	0.17	2.46	4.24	-	µg/m ³
Dichlorodifluoromethane	EPA Methods TO-15.1999	0.02	0.10	0.58	2.87	-	µg/m ³
Chloromethane	EPA Methods TO-15.1999	0.04	0.08	0.56	1.16	-	µg/m ³
1,2-Dichlorotetrafluoroethane	EPA Methods TO-15.1999	0.02	0.14	ND	ND	-	µg/m ³
Acetaldehyde	EPA Methods TO-15.1999	0.20	0.36	2.28	4.10	860	µg/m ³
Vinyl chloride	EPA Methods TO-15.1999	0.003	0.008	0.02	0.05	20	µg/m ³
2-methyl-1-propene	EPA Methods TO-15.1999	0.10	0.23	0.40	0.92	-	µg/m ³
1,3-Butadiene	EPA Methods TO-15.1999	0.003	0.007	ND	ND	5.3	µg/m ³
Bromomethane	EPA Methods TO-15.1999	0.004	0.016	0.02	0.08	190	µg/m ³
Ethyl Chloride	EPA Methods TO-15.1999	0.10	0.26	ND	ND	-	µg/m ³
Ethanol	EPA Methods TO-15.1999	0.20	0.38	6.86	12.93	-	µg/m ³
Trichlorofluoromethane	EPA Methods TO-15.1999	0.02	0.11	0.24	1.35	-	µg/m ³
Acetonitrile	EPA Methods TO-15.1999	0.20	0.34	ND	ND	-	µg/m ³
Acrolein	EPA Methods TO-15.1999	0.005	0.011	ND	ND	0.55	µg/m ³
Acetone	EPA Methods TO-15.1999	0.10	0.24	3.14	7.46	-	µg/m ³
Propanal	EPA Methods TO-15.1999	0.04	0.10	3.06	7.27	-	µg/m ³
Isopropyl alcohol	EPA Methods TO-15.1999	0.04	0.12	ND	ND	-	µg/m ³
Pentane	EPA Methods TO-15.1999	0.04	0.12	1.21	3.57	-	µg/m ³
2-methyl-1,3-butadiene	EPA Methods TO-15.1999	0.04	0.11	0.06	0.17	-	µg/m ³
1,1-dichloroethene	EPA Methods TO-15.1999	0.04	0.16	ND	ND	-	µg/m ³
Acrylonitrile	EPA Methods TO-15.1999	0.005	0.011	0.02	0.04	10	µg/m ³
1,1,2-trichloro-1,2,2-trifluoroethane	EPA Methods TO-15.1999	0.02	0.15	0.06	0.46	-	µg/m ³
Iodomethane	EPA Methods TO-15.1999	0.02	0.12	ND	ND	-	µg/m ³
Dichloromethane	EPA Methods TO-15.1999	0.007	0.024	0.36	1.25	210	µg/m ³
Carbon disulfide	EPA Methods TO-15.1999	0.002	0.006	0.04	0.12	100 ^{2/}	µg/m ³
1-propanol	EPA Methods TO-15.1999	1.00	2.46	ND	ND	-	µg/m ³
2-methoxy-2-methylpropane	EPA Methods TO-15.1999	0.02	0.07	ND	ND	-	µg/m ³
trans-1,2-dichloroethene	EPA Methods TO-15.1999	0.02	0.07	ND	ND	-	µg/m ³
Methacrolein	EPA Methods TO-15.1999	0.10	0.29	ND	ND	-	µg/m ³
Cyclopentane	EPA Methods TO-15.1999	0.04	0.11	0.24	0.69	-	µg/m ³
Acetic acid ethenyl ester	EPA Methods TO-15.1999	0.04	0.16	ND	ND	-	µg/m ³
1,1-dichloroethane	EPA Methods TO-15.1999	0.04	0.16	ND	ND	-	µg/m ³
Methyl vinyl ketone	EPA Methods TO-15.1999	0.10	0.29	ND	ND	-	µg/m ³
Butanal	EPA Methods TO-15.1999	0.10	0.29	0.14	0.41	-	µg/m ³
2-butanone	EPA Methods TO-15.1999	0.10	0.29	0.56	1.65	-	µg/m ³
Hexane	EPA Methods TO-15.1999	0.04	0.14	0.52	1.83	-	µg/m ³
cis-1,2-dichloroethene	EPA Methods TO-15.1999	0.04	0.16	ND	ND	-	µg/m ³
Chloroform	EPA Methods TO-15.1999	0.005	0.024	<0.04	<0.20	57	µg/m ³

REMARK : ^{1/} Notification of Pollution Control Department B.E. 2552 (2009) (24 hours)
^{2/} Notification of The National Environmental Board B.E. 2560 (2017)
^{3/} Sampling by Eastern Thai Consulting 1992 Co., Ltd. (Measurement By Mr. Suphakorn Noppornpitak)
Analyzed by Secot Co., Ltd.



Examined By .

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

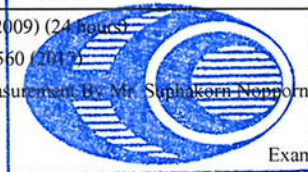
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CUSTOMER : GC Polyols Company Limited
ADDRESS : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong, 21150
SAMPLE SOURCE : GCP Plant
SAMPLE POINT : วัดมาบชลุค
SAMPLING DATE : 24-25/05/2025
RECEIVED DATE : 28/05/2025
SAMPLE NO. : 14329
REPORTED DATE : 11/06/2025

PARAMETER	TEST METHOD	NON DETECTION		RESULT		STANDARD ^{1/}	UNIT
		ppbv	µg/m ³	ppbv	µg/m ³		
VOCs ^{3/} (24 hours)							
1,1,1-trichloroethane	EPA Methods TO-15.1999	0.04	0.22	ND	ND	-	µg/m ³
1,2-dichloroethane	EPA Methods TO-15.1999	0.003	0.012	0.02	0.08	48	µg/m ³
1-butanol	EPA Methods TO-15.1999	0.20	0.61	ND	ND	-	µg/m ³
Benzene	EPA Methods TO-15.1999	0.004	0.013	0.17	0.54	7.6	µg/m ³
Carbon tetrachloride	EPA Methods TO-15.1999	0.004	0.025	0.08	0.50	150	µg/m ³
Cyclohexane	EPA Methods TO-15.1999	0.02	0.07	0.17	0.59	-	µg/m ³
2-pentanone	EPA Methods TO-15.1999	0.04	0.14	ND	ND	-	µg/m ³
3-pentanone	EPA Methods TO-15.1999	0.04	0.14	ND	ND	-	µg/m ³
Pentanal	EPA Methods TO-15.1999	0.20	0.70	ND	ND	-	µg/m ³
Trichloroethylene	EPA Methods TO-15.1999	0.006	0.032	ND	ND	130	µg/m ³
1,2-dichloropropane	EPA Methods TO-15.1999	0.007	0.032	<0.04	<0.18	82	µg/m ³
1,4-dioxane	EPA Methods TO-15.1999	0.10	0.36	ND	ND	860	µg/m ³
Bromodichloromethane	EPA Methods TO-15.1999	0.02	0.13	ND	ND	-	µg/m ³
Methyl isobutyl ketone	EPA Methods TO-15.1999	0.10	0.41	ND	ND	-	µg/m ³
cis-1,3-dichloro-1-propene	EPA Methods TO-15.1999	0.04	0.18	ND	ND	-	µg/m ³
trans-1,3-dichloro-1-propene	EPA Methods TO-15.1999	0.10	0.45	ND	ND	-	µg/m ³
Toluene	EPA Methods TO-15.1999	0.02	0.08	1.06	3.99	-	µg/m ³
1,1,2-trichloroethane	EPA Methods TO-15.1999	0.02	0.11	ND	ND	-	µg/m ³
3-hexanone	EPA Methods TO-15.1999	0.10	0.41	ND	ND	-	µg/m ³
2-hexanone	EPA Methods TO-15.1999	0.04	0.16	ND	ND	-	µg/m ³
Hexanal	EPA Methods TO-15.1999	0.20	0.82	ND	ND	-	µg/m ³
Dibromochloromethane	EPA Methods TO-15.1999	0.02	0.17	ND	ND	-	µg/m ³
Tetrachloroethylene	EPA Methods TO-15.1999	0.006	0.041	0.06	0.41	400	µg/m ³
1,2-dibromoethane	EPA Methods TO-15.1999	0.006	0.046	ND	ND	370	µg/m ³
Chlorobenzene	EPA Methods TO-15.1999	0.02	0.09	0.08	0.37	-	µg/m ³
Ethylbenzene	EPA Methods TO-15.1999	0.02	0.09	0.11	0.48	-	µg/m ³
m,p-xylene	EPA Methods TO-15.1999	0.04	0.17	0.18	0.78	-	µg/m ³
Styrene	EPA Methods TO-15.1999	0.02	0.09	0.02	0.09	-	µg/m ³
o-xylene	EPA Methods TO-15.1999	0.02	0.09	0.04	0.17	-	µg/m ³
Tribromomethane	EPA Methods TO-15.1999	0.02	0.21	ND	ND	-	µg/m ³
1,1,2,2-tetrachloroethane	EPA Methods TO-15.1999	0.010	0.069	ND	ND	83	µg/m ³
1,3,5-trimethylbenzene	EPA Methods TO-15.1999	0.02	0.10	ND	ND	-	µg/m ³
1,2,4-trimethylbenzene	EPA Methods TO-15.1999	0.02	0.10	0.04	0.20	-	µg/m ³
1,3-dichlorobenzene	EPA Methods TO-15.1999	0.02	0.12	ND	ND	-	µg/m ³
Benzyl chloride	EPA Methods TO-15.1999	0.008	0.041	ND	ND	12	µg/m ³
1,4-dichlorobenzene	EPA Methods TO-15.1999	0.008	0.048	ND	ND	1100	µg/m ³
1,2,3-trimethylbenzene	EPA Methods TO-15.1999	0.02	0.10	0.02	0.10	-	µg/m ³
1,2-dichlorobenzene	EPA Methods TO-15.1999	0.02	0.12	ND	ND	-	µg/m ³
1,2,4-trichlorobenzene	EPA Methods TO-15.1999	0.02	0.15	ND	ND	-	µg/m ³

REMARK : ^{1/} Notification of Pollution Control Department B.E. 2552 (2009) (24 hours)
^{2/} Notification of The National Environmental Board B.E. 2560 (2017)
^{3/} Sampling by Eastern Thai Consulting 1992 Co., Ltd. (Measurement By Mr. Saphakorn Nonnornpitak)
Analyzed by Secot Co., Ltd.



Examined By

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

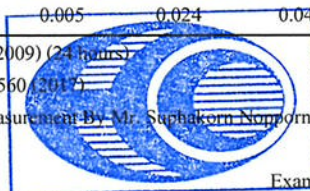
REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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TEST REPORT

CUSTOMER : GC Polyols Company Limited
ADDRESS : 9 Soi G-14, Pakom Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong, 21150
SAMPLE SOURCE : GCP Plant
SAMPLE POINT : วัดมาบชูด
SAMPLING DATE : 25-26/05/2025
RECEIVED DATE : 28/05/2025
SAMPLE NO. : 14330
REPORTED DATE : 11/06/2025

PARAMETER	TEST METHOD	NON DETECTION		RESULT		STANDARD ¹	UNIT
		ppbv	µg/m ³	ppbv	µg/m ³		
VOCs ³ (24 hours)							
Difluorochloromethane	EPA Methods TO-15.1999	0.04	0.14	0.29	1.03	-	µg/m ³
Propene	EPA Methods TO-15.1999	0.10	0.17	3.55	6.11	-	µg/m ³
Dichlorodifluoromethane	EPA Methods TO-15.1999	0.02	0.10	0.60	2.97	-	µg/m ³
Chloromethane	EPA Methods TO-15.1999	0.04	0.08	0.54	1.12	-	µg/m ³
1,2-Dichlorotetrafluoroethane	EPA Methods TO-15.1999	0.02	0.14	ND	ND	-	µg/m ³
Acetaldehyde	EPA Methods TO-15.1999	0.20	0.36	2.47	4.44	860	µg/m ³
Vinyl chloride	EPA Methods TO-15.1999	0.003	0.008	0.08	0.20	20	µg/m ³
2-methyl-1-propene	EPA Methods TO-15.1999	0.10	0.23	0.42	0.96	-	µg/m ³
1,3-Butadiene	EPA Methods TO-15.1999	0.003	0.007	0.19	0.42	5.3	µg/m ³
Bromomethane	EPA Methods TO-15.1999	0.004	0.016	ND	ND	190	µg/m ³
Ethyl Chloride	EPA Methods TO-15.1999	0.10	0.26	ND	ND	-	µg/m ³
Ethanol	EPA Methods TO-15.1999	0.20	0.38	ND	ND	-	µg/m ³
Trichlorofluoromethane	EPA Methods TO-15.1999	0.02	0.11	0.26	1.46	-	µg/m ³
Acetonitrile	EPA Methods TO-15.1999	0.20	0.34	ND	ND	-	µg/m ³
Acrolein	EPA Methods TO-15.1999	0.005	0.011	ND	ND	0.55	µg/m ³
Acetone	EPA Methods TO-15.1999	0.10	0.24	4.67	11.10	-	µg/m ³
Propanal	EPA Methods TO-15.1999	0.04	0.10	3.76	8.93	-	µg/m ³
Isopropyl alcohol	EPA Methods TO-15.1999	0.04	0.12	ND	ND	-	µg/m ³
Pentane	EPA Methods TO-15.1999	0.04	0.12	1.53	4.52	-	µg/m ³
2-methyl-1,3-butadiene	EPA Methods TO-15.1999	0.04	0.11	0.32	0.89	-	µg/m ³
1,1-dichloroethene	EPA Methods TO-15.1999	0.04	0.16	ND	ND	-	µg/m ³
Acrylonitrile	EPA Methods TO-15.1999	0.005	0.011	0.04	0.09	10	µg/m ³
1,1,2-trichloro-1,2,2-trifluoroethane	EPA Methods TO-15.1999	0.02	0.15	0.06	0.46	-	µg/m ³
Iodomethane	EPA Methods TO-15.1999	0.02	0.12	ND	ND	-	µg/m ³
Dichloromethane	EPA Methods TO-15.1999	0.007	0.024	0.23	0.80	210	µg/m ³
Carbon disulfide	EPA Methods TO-15.1999	0.002	0.006	0.04	0.12	100 ²	µg/m ³
1-propanol	EPA Methods TO-15.1999	1.00	2.46	ND	ND	-	µg/m ³
2-methoxy-2-methylpropane	EPA Methods TO-15.1999	0.02	0.07	ND	ND	-	µg/m ³
trans-1,2-dichloroethene	EPA Methods TO-15.1999	0.02	0.07	ND	ND	-	µg/m ³
Methacrolein	EPA Methods TO-15.1999	0.10	0.29	ND	ND	-	µg/m ³
Cyclopentane	EPA Methods TO-15.1999	0.04	0.11	0.13	0.37	-	µg/m ³
Acetic acid ethenyl ester	EPA Methods TO-15.1999	0.04	0.16	ND	ND	-	µg/m ³
1,1-dichloroethane	EPA Methods TO-15.1999	0.04	0.16	ND	ND	-	µg/m ³
Methyl vinyl ketone	EPA Methods TO-15.1999	0.10	0.29	ND	ND	-	µg/m ³
Butanal	EPA Methods TO-15.1999	0.10	0.29	0.19	0.56	-	µg/m ³
2-butanone	EPA Methods TO-15.1999	0.10	0.29	ND	ND	-	µg/m ³
Hexane	EPA Methods TO-15.1999	0.04	0.14	0.76	2.68	-	µg/m ³
cis-1,2-dichloroethene	EPA Methods TO-15.1999	0.04	0.16	ND	ND	-	µg/m ³
Chloroform	EPA Methods TO-15.1999	0.005	0.024	0.04	0.20	57	µg/m ³

REMARK : ¹ Notification of Pollution Control Department B.E. 2552 (2009) (24 hours)
² Notification of The National Environmental Board B.E. 2560 (2017)
³ Sampling by Eastern Thai Consulting 1992 Co., Ltd. (Measurement By Mr. Suphakorn Noppornpitak)
Analyzed by Secot Co., Ltd.



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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TEST REPORT

CUSTOMER : GC Polyols Company Limited
ADDRESS : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong, 21150
SAMPLE SOURCE : GCP Plant
SAMPLE POINT : วัดมาบชูด
SAMPLING DATE : 25-26/05/2025
RECEIVED DATE : 28/05/2025
SAMPLE NO. : 14330
REPORTED DATE : 11/06/2025

PARAMETER	TEST METHOD	NON DETECTION		RESULT		STANDARD ^{1/}	UNIT
		ppbv	µg/m ³	ppbv	µg/m ³		
VOCs ^{3/} (24 hours)							
1,1,1-trichloroethane	EPA Methods TO-15.1999	0.04	0.22	ND	ND	-	µg/m ³
1,2-dichloroethane	EPA Methods TO-15.1999	0.003	0.012	0.06	0.24	48	µg/m ³
1-butanol	EPA Methods TO-15.1999	0.20	0.61	ND	ND	-	µg/m ³
Benzene	EPA Methods TO-15.1999	0.004	0.013	0.26	0.83	7.6	µg/m ³
Carbon tetrachloride	EPA Methods TO-15.1999	0.004	0.025	0.08	0.50	150	µg/m ³
Cyclohexane	EPA Methods TO-15.1999	0.02	0.07	0.50	1.72	-	µg/m ³
2-pentanone	EPA Methods TO-15.1999	0.04	0.14	ND	ND	-	µg/m ³
3-pentanone	EPA Methods TO-15.1999	0.04	0.14	ND	ND	-	µg/m ³
Pentanal	EPA Methods TO-15.1999	0.20	0.70	ND	ND	-	µg/m ³
Trichloroethylene	EPA Methods TO-15.1999	0.006	0.032	ND	ND	130	µg/m ³
1,2-dichloropropane	EPA Methods TO-15.1999	0.007	0.032	ND	ND	82	µg/m ³
1,4-dioxane	EPA Methods TO-15.1999	0.10	0.36	ND	ND	860	µg/m ³
Bromodichloromethane	EPA Methods TO-15.1999	0.02	0.13	ND	ND	-	µg/m ³
Methyl isobutyl ketone	EPA Methods TO-15.1999	0.10	0.41	ND	ND	-	µg/m ³
cis-1,3-dichloro-1-propene	EPA Methods TO-15.1999	0.04	0.18	ND	ND	-	µg/m ³
trans-1,3-dichloro-1-propene	EPA Methods TO-15.1999	0.10	0.45	ND	ND	-	µg/m ³
Toluene	EPA Methods TO-15.1999	0.02	0.08	0.71	2.67	-	µg/m ³
1,1,2-trichloroethane	EPA Methods TO-15.1999	0.02	0.11	ND	ND	-	µg/m ³
3-hexanone	EPA Methods TO-15.1999	0.10	0.41	ND	ND	-	µg/m ³
2-hexanone	EPA Methods TO-15.1999	0.04	0.16	ND	ND	-	µg/m ³
Hexanal	EPA Methods TO-15.1999	0.20	0.82	ND	ND	-	µg/m ³
Dibromochloromethane	EPA Methods TO-15.1999	0.02	0.17	ND	ND	-	µg/m ³
Tetrachloroethylene	EPA Methods TO-15.1999	0.006	0.041	ND	ND	400	µg/m ³
1,2-dibromoethane	EPA Methods TO-15.1999	0.006	0.046	ND	ND	370	µg/m ³
Chlorobenzene	EPA Methods TO-15.1999	0.02	0.09	0.02	0.09	-	µg/m ³
Ethylbenzene	EPA Methods TO-15.1999	0.02	0.09	0.08	0.35	-	µg/m ³
m,p-xylene	EPA Methods TO-15.1999	0.04	0.17	0.29	1.26	-	µg/m ³
Styrene	EPA Methods TO-15.1999	0.02	0.09	0.02	0.09	-	µg/m ³
o-xylene	EPA Methods TO-15.1999	0.02	0.09	0.04	0.17	-	µg/m ³
Tribromomethane	EPA Methods TO-15.1999	0.02	0.21	ND	ND	-	µg/m ³
1,1,2,2-tetrachloroethane	EPA Methods TO-15.1999	0.010	0.069	ND	ND	83	µg/m ³
1,3,5-trimethylbenzene	EPA Methods TO-15.1999	0.02	0.10	0.02	0.10	-	µg/m ³
1,2,4-trimethylbenzene	EPA Methods TO-15.1999	0.02	0.10	0.04	0.20	-	µg/m ³
1,3-dichlorobenzene	EPA Methods TO-15.1999	0.02	0.12	ND	ND	-	µg/m ³
Benzyl chloride	EPA Methods TO-15.1999	0.008	0.041	ND	ND	12	µg/m ³
1,4-dichlorobenzene	EPA Methods TO-15.1999	0.008	0.048	ND	ND	1100	µg/m ³
1,2,3-trimethylbenzene	EPA Methods TO-15.1999	0.02	0.10	0.02	0.10	-	µg/m ³
1,2-dichlorobenzene	EPA Methods TO-15.1999	0.02	0.12	ND	ND	-	µg/m ³
1,2,4-trichlorobenzene	EPA Methods TO-15.1999	0.02	0.15	ND	ND	-	µg/m ³

REMARK : ^{1/} Notification of Pollution Control Department B.E. 2552 (2009) (24 hours)
^{2/} Notification of The National Environmental Board B.E. 2550 (2011)
^{3/} Sampling by Eastern Thai Consulting 1992 Co., Ltd. (Measurement By Mr. Suphakorn Noppornpitak)
Analyzed by Secot Co., Ltd.



Examined By

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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TEST REPORT

CUSTOMER : GC Polyols Company Limited
ADDRESS : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong, 21150
SAMPLE SOURCE : GCP Plant
SAMPLE POINT : วัดมาบชูด
SAMPLING DATE : 26-27/05/2025
RECEIVED DATE : 28/05/2025
SAMPLE NO. : 14331
REPORTED DATE : 11/06/2025

PARAMETER	TEST METHOD	NON DETECTION		RESULT		STANDARD ¹	UNIT
		ppbv	µg/m ³	ppbv	µg/m ³		
VOCs ³ (24 hours)							
Difluorochloromethane	EPA Methods TO-15.1999	0.04	0.14	0.29	1.03	-	µg/m ³
Propene	EPA Methods TO-15.1999	0.10	0.17	1.90	3.27	-	µg/m ³
Dichlorodifluoromethane	EPA Methods TO-15.1999	0.02	0.10	0.62	3.07	-	µg/m ³
Chloromethane	EPA Methods TO-15.1999	0.04	0.08	0.56	1.16	-	µg/m ³
1,2-Dichlorotetrafluoroethane	EPA Methods TO-15.1999	0.02	0.14	ND	ND	-	µg/m ³
Acetaldehyde	EPA Methods TO-15.1999	0.20	0.36	1.20	2.16	860	µg/m ³
Vinyl chloride	EPA Methods TO-15.1999	0.003	0.008	0.08	0.20	20	µg/m ³
2-methyl-1-propene	EPA Methods TO-15.1999	0.10	0.23	0.23	0.53	-	µg/m ³
1,3-Butadiene	EPA Methods TO-15.1999	0.003	0.007	ND	ND	5.3	µg/m ³
Bromomethane	EPA Methods TO-15.1999	0.004	0.016	ND	ND	190	µg/m ³
Ethyl Chloride	EPA Methods TO-15.1999	0.10	0.26	ND	ND	-	µg/m ³
Ethanol	EPA Methods TO-15.1999	0.20	0.38	0.75	1.41	-	µg/m ³
Trichlorofluoromethane	EPA Methods TO-15.1999	0.02	0.11	0.26	1.46	-	µg/m ³
Acetonitrile	EPA Methods TO-15.1999	0.20	0.34	ND	ND	-	µg/m ³
Acrolein	EPA Methods TO-15.1999	0.005	0.011	ND	ND	0.55	µg/m ³
Acetone	EPA Methods TO-15.1999	0.10	0.24	2.22	2.28	-	µg/m ³
Propanal	EPA Methods TO-15.1999	0.04	0.10	2.00	4.75	-	µg/m ³
Isopropyl alcohol	EPA Methods TO-15.1999	0.04	0.12	ND	ND	-	µg/m ³
Pentane	EPA Methods TO-15.1999	0.04	0.12	0.76	2.24	-	µg/m ³
2-methyl-1,3-butadiene	EPA Methods TO-15.1999	0.04	0.11	0.15	0.42	-	µg/m ³
1,1-dichloroethene	EPA Methods TO-15.1999	0.04	0.16	ND	ND	-	µg/m ³
Acrylonitrile	EPA Methods TO-15.1999	0.005	0.011	ND	ND	10	µg/m ³
1,1,2-trichloro-1,2,2-trifluoroethane	EPA Methods TO-15.1999	0.02	0.15	0.06	0.46	-	µg/m ³
Iodomethane	EPA Methods TO-15.1999	0.02	0.12	ND	ND	-	µg/m ³
Dichloromethane	EPA Methods TO-15.1999	0.007	0.024	0.19	0.66	210	µg/m ³
Carbon disulfide	EPA Methods TO-15.1999	0.002	0.006	0.04	0.12	100 ²	µg/m ³
1-propanol	EPA Methods TO-15.1999	1.00	2.46	ND	ND	-	µg/m ³
2-methoxy-2-methylpropane	EPA Methods TO-15.1999	0.02	0.07	ND	ND	-	µg/m ³
trans-1,2-dichloroethene	EPA Methods TO-15.1999	0.02	0.07	ND	ND	-	µg/m ³
Methacrolein	EPA Methods TO-15.1999	0.10	0.29	ND	ND	-	µg/m ³
Cyclopentane	EPA Methods TO-15.1999	0.04	0.11	0.09	0.26	-	µg/m ³
Acetic acid ethenyl ester	EPA Methods TO-15.1999	0.04	0.16	ND	ND	-	µg/m ³
1,1-dichloroethane	EPA Methods TO-15.1999	0.04	0.16	ND	ND	-	µg/m ³
Methyl vinyl ketone	EPA Methods TO-15.1999	0.10	0.29	ND	ND	-	µg/m ³
Butanal	EPA Methods TO-15.1999	0.10	0.29	ND	ND	-	µg/m ³
2-butanone	EPA Methods TO-15.1999	0.10	0.29	ND	ND	-	µg/m ³
Hexane	EPA Methods TO-15.1999	0.04	0.14	0.37	1.30	-	µg/m ³
cis-1,2-dichloroethene	EPA Methods TO-15.1999	0.04	0.16	ND	ND	-	µg/m ³
Chloroform	EPA Methods TO-15.1999	0.005	0.024	<0.04	<0.20	57	µg/m ³

REMARK : ¹ Notification of Pollution Control Department B.E. 2552 (2009) (24 hours)² Notification of The National Environmental Board B.E. 2560 (2017)³ Sampling by Eastern Thai Consulting 1992 Co., Ltd. (Measured By Mr. Suphakorn Noppornpitak)

Analyzed by Secot Co., Ltd.



Examined By .

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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TEST REPORT

CUSTOMER : GC Polyols Company Limited
ADDRESS : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong, 21150
SAMPLE SOURCE : GCP Plant
SAMPLE POINT : วัดมาบชูด
SAMPLING DATE : 26-27/05/2025
RECEIVED DATE : 28/05/2025

SAMPLE NO. : 14331
REPORTED DATE : 11/06/2025

PARAMETER	TEST METHOD	NON DETECTION		RESULT		STANDARD ¹	UNIT
		ppbv	µg/m ³	ppbv	µg/m ³		
VOCs ³ (24 hours)							
1,1,1-trichloroethane	EPA Methods TO-15,1999	0.04	0.22	ND	ND	-	µg/m ³
1,2-dichloroethane	EPA Methods TO-15,1999	0.003	0.012	0.04	0.16	48	µg/m ³
1-butanol	EPA Methods TO-15,1999	0.20	0.61	ND	ND	-	µg/m ³
Benzene	EPA Methods TO-15,1999	0.004	0.013	0.32	1.02	7.6	µg/m ³
Carbon tetrachloride	EPA Methods TO-15,1999	0.004	0.025	0.08	0.50	150	µg/m ³
Cyclohexane	EPA Methods TO-15,1999	0.02	0.07	0.15	0.52	-	µg/m ³
2-pentanone	EPA Methods TO-15,1999	0.04	0.14	ND	ND	-	µg/m ³
3-pentanone	EPA Methods TO-15,1999	0.04	0.14	ND	ND	-	µg/m ³
Pentanal	EPA Methods TO-15,1999	0.20	0.70	ND	ND	-	µg/m ³
Trichloroethylene	EPA Methods TO-15,1999	0.006	0.032	ND	ND	130	µg/m ³
1,2-dichloropropane	EPA Methods TO-15,1999	0.007	0.032	ND	ND	82	µg/m ³
1,4-dioxane	EPA Methods TO-15,1999	0.10	0.36	ND	ND	860	µg/m ³
Bromodichloromethane	EPA Methods TO-15,1999	0.02	0.13	ND	ND	-	µg/m ³
Methyl isobutyl ketone	EPA Methods TO-15,1999	0.10	0.41	ND	ND	-	µg/m ³
cis-1,3-dichloro-1-propene	EPA Methods TO-15,1999	0.04	0.18	ND	ND	-	µg/m ³
trans-1,3-dichloro-1-propene	EPA Methods TO-15,1999	0.10	0.45	ND	ND	-	µg/m ³
Toluene	EPA Methods TO-15,1999	0.02	0.08	1.36	5.12	-	µg/m ³
1,1,2-trichloroethane	EPA Methods TO-15,1999	0.02	0.11	ND	ND	-	µg/m ³
3-hexanone	EPA Methods TO-15,1999	0.10	0.41	ND	ND	-	µg/m ³
2-hexanone	EPA Methods TO-15,1999	0.04	0.16	ND	ND	-	µg/m ³
Hexanal	EPA Methods TO-15,1999	0.20	0.82	ND	ND	-	µg/m ³
Dibromochloromethane	EPA Methods TO-15,1999	0.02	0.17	ND	ND	-	µg/m ³
Tetrachloroethylene	EPA Methods TO-15,1999	0.006	0.041	ND	ND	400	µg/m ³
1,2-dibromoethane	EPA Methods TO-15,1999	0.006	0.046	ND	ND	370	µg/m ³
Chlorobenzene	EPA Methods TO-15,1999	0.02	0.09	0.02	0.09	-	µg/m ³
Ethylbenzene	EPA Methods TO-15,1999	0.02	0.09	0.08	0.35	-	µg/m ³
m,p-xylene	EPA Methods TO-15,1999	0.04	0.17	0.22	0.96	-	µg/m ³
Styrene	EPA Methods TO-15,1999	0.02	0.09	0.02	0.09	-	µg/m ³
o-xylene	EPA Methods TO-15,1999	0.02	0.09	0.06	0.26	-	µg/m ³
Tribromomethane	EPA Methods TO-15,1999	0.02	0.21	ND	ND	-	µg/m ³
1,1,2,2-tetrachloroethane	EPA Methods TO-15,1999	0.010	0.069	ND	ND	83	µg/m ³
1,3,5-trimethylbenzene	EPA Methods TO-15,1999	0.02	0.10	0.02	0.10	-	µg/m ³
1,2,4-trimethylbenzene	EPA Methods TO-15,1999	0.02	0.10	0.04	0.20	-	µg/m ³
1,3-dichlorobenzene	EPA Methods TO-15,1999	0.02	0.12	ND	ND	-	µg/m ³
Benzyl chloride	EPA Methods TO-15,1999	0.008	0.041	ND	ND	12	µg/m ³
1,4-dichlorobenzene	EPA Methods TO-15,1999	0.008	0.048	ND	ND	1100	µg/m ³
1,2,3-trimethylbenzene	EPA Methods TO-15,1999	0.02	0.10	0.02	0.10	-	µg/m ³
1,2-dichlorobenzene	EPA Methods TO-15,1999	0.02	0.12	ND	ND	-	µg/m ³
1,2,4-trichlorobenzene	EPA Methods TO-15,1999	0.02	0.15	ND	ND	-	µg/m ³

REMARK : ¹ Notification of Pollution Control Department B.E. 2552 (2009) (24 hours)
² Notification of The National Environmental Board B.E. 2560 (2017)
³ Sampling by Eastern Thai Consulting 1992 Co., Ltd. (Measurement By Mr. Suphakorn Noppornpitak)
Analyzed by Secot Co., Ltd.



Examined By

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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TEST REPORT

CUSTOMER : GC Polyols Company Limited
ADDRESS : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong, 21150
SAMPLE SOURCE : GCP Plant
SAMPLE POINT : วัดมาบชลุค
SAMPLING DATE : 27-28/05/2025
RECEIVED DATE : 28/05/2025
SAMPLE NO. : 14332
REPORTED DATE : 11/06/2025

PARAMETER	TEST METHOD	NON DETECTION		RESULT		STANDARD ^{1/}	UNIT
		ppbv	µg/m ³	ppbv	µg/m ³		
VOCs ^{3/} (24 hours)							
Difluorochloromethane	EPA Methods TO-15.1999	0.04	0.14	0.38	1.34	-	µg/m ³
Propene	EPA Methods TO-15.1999	0.10	0.17	2.18	3.75	-	µg/m ³
Dichlorodifluoromethane	EPA Methods TO-15.1999	0.02	0.10	0.60	2.97	-	µg/m ³
Chloromethane	EPA Methods TO-15.1999	0.04	0.08	0.64	1.32	-	µg/m ³
1,2-Dichlorotetrafluoroethane	EPA Methods TO-15.1999	0.02	0.14	ND	ND	-	µg/m ³
Acetaldehyde	EPA Methods TO-15.1999	0.20	0.36	0.64	1.15	860	µg/m ³
Vinyl chloride	EPA Methods TO-15.1999	0.003	0.008	ND	ND	20	µg/m ³
2-methyl-1-propene	EPA Methods TO-15.1999	0.10	0.23	0.42	0.96	-	µg/m ³
1,3-Butadiene	EPA Methods TO-15.1999	0.003	0.007	ND	ND	5.3	µg/m ³
Bromomethane	EPA Methods TO-15.1999	0.004	0.016	ND	ND	190	µg/m ³
Ethyl Chloride	EPA Methods TO-15.1999	0.10	0.26	ND	ND	-	µg/m ³
Ethanol	EPA Methods TO-15.1999	0.20	0.38	ND	ND	-	µg/m ³
Trichlorofluoromethane	EPA Methods TO-15.1999	0.02	0.11	0.26	1.46	-	µg/m ³
Acetonitrile	EPA Methods TO-15.1999	0.20	0.34	ND	ND	-	µg/m ³
Acrolein	EPA Methods TO-15.1999	0.005	0.011	ND	ND	0.55	µg/m ³
Acetone	EPA Methods TO-15.1999	0.10	0.24	4.20	9.98	-	µg/m ³
Propanal	EPA Methods TO-15.1999	0.04	0.10	3.82	9.08	-	µg/m ³
Isopropyl alcohol	EPA Methods TO-15.1999	0.04	0.12	ND	ND	-	µg/m ³
Pentane	EPA Methods TO-15.1999	0.04	0.12	1.30	3.84	-	µg/m ³
2-methyl-1,3-butadiene	EPA Methods TO-15.1999	0.04	0.11	0.43	1.20	-	µg/m ³
1,1-dichloroethene	EPA Methods TO-15.1999	0.04	0.16	ND	ND	-	µg/m ³
Acrylonitrile	EPA Methods TO-15.1999	0.005	0.011	ND	ND	10	µg/m ³
1,1,2-trichloro-1,2,2-trifluoroethane	EPA Methods TO-15.1999	0.02	0.15	0.06	0.46	-	µg/m ³
Iodomethane	EPA Methods TO-15.1999	0.02	0.12	ND	ND	-	µg/m ³
Dichloromethane	EPA Methods TO-15.1999	0.007	0.024	0.40	1.39	210	µg/m ³
Carbon disulfide	EPA Methods TO-15.1999	0.002	0.006	0.04	0.12	100 ^{2/}	µg/m ³
1-propanol	EPA Methods TO-15.1999	1.00	2.46	ND	ND	-	µg/m ³
2-methoxy-2-methylpropane	EPA Methods TO-15.1999	0.02	0.07	ND	ND	-	µg/m ³
trans-1,2-dichloroethene	EPA Methods TO-15.1999	0.02	0.07	ND	ND	-	µg/m ³
Methacrolein	EPA Methods TO-15.1999	0.10	0.29	ND	ND	-	µg/m ³
Cyclopentane	EPA Methods TO-15.1999	0.04	0.11	0.26	0.75	-	µg/m ³
Acetic acid ethenyl ester	EPA Methods TO-15.1999	0.04	0.16	ND	ND	-	µg/m ³
1,1-dichloroethane	EPA Methods TO-15.1999	0.04	0.16	ND	ND	-	µg/m ³
Methyl vinyl ketone	EPA Methods TO-15.1999	0.10	0.29	ND	ND	-	µg/m ³
Butanal	EPA Methods TO-15.1999	0.10	0.29	0.14	0.41	-	µg/m ³
2-butanone	EPA Methods TO-15.1999	0.10	0.29	ND	ND	-	µg/m ³
Hexane	EPA Methods TO-15.1999	0.04	0.14	0.63	2.22	-	µg/m ³
cis-1,2-dichloroethene	EPA Methods TO-15.1999	0.04	0.16	ND	ND	-	µg/m ³
Chloroform	EPA Methods TO-15.1999	0.005	0.024	0.04	0.20	57	µg/m ³

REMARK : ^{1/} Notification of Pollution Control Department B.E. 2552 (2009) (24 hours)
^{2/} Notification of The National Environmental Board B.E. 2560 (2017)
^{3/} Sampling by Eastern Thai Consulting 1992 Co., Ltd. (Measurement by Mr. Suphakorn Noppornpitak)
Analyzed by Secot Co., Ltd.



Examined By

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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

TEST REPORT

CUSTOMER : GC Polyols Company Limited
ADDRESS : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong, 21150
SAMPLE SOURCE : GCP Plant
SAMPLE POINT : วัดมาบชลุค
SAMPLING DATE : 27-28/05/2025
RECEIVED DATE : 28/05/2025
SAMPLE NO. : 14332
REPORTED DATE : 11/06/2025

PARAMETER	TEST METHOD	NON DETECTION		RESULT		STANDARD ^{1/}	UNIT
		ppbv	µg/m ³	ppbv	µg/m ³		
VOCs ^{2/} (24 hours)							
1,1,1-trichloroethane	EPA Methods TO-15,1999	0.04	0.22	ND	ND	-	µg/m ³
1,2-dichloroethane	EPA Methods TO-15,1999	0.003	0.012	0.06	0.24	48	µg/m ³
1-butanol	EPA Methods TO-15,1999	0.20	0.61	ND	ND	-	µg/m ³
Benzene	EPA Methods TO-15,1999	0.004	0.013	0.45	1.44	7.6	µg/m ³
Carbon tetrachloride	EPA Methods TO-15,1999	0.004	0.025	0.08	0.50	150	µg/m ³
Cyclohexane	EPA Methods TO-15,1999	0.02	0.07	0.28	0.96	-	µg/m ³
2-pentanone	EPA Methods TO-15,1999	0.04	0.14	ND	ND	-	µg/m ³
3-pentanone	EPA Methods TO-15,1999	0.04	0.14	ND	ND	-	µg/m ³
Pentanal	EPA Methods TO-15,1999	0.20	0.70	ND	ND	-	µg/m ³
Trichloroethylene	EPA Methods TO-15,1999	0.006	0.032	ND	ND	130	µg/m ³
1,2-dichloropropane	EPA Methods TO-15,1999	0.007	0.032	ND	ND	82	µg/m ³
1,4-dioxane	EPA Methods TO-15,1999	0.10	0.36	ND	ND	860	µg/m ³
Bromodichloromethane	EPA Methods TO-15,1999	0.02	0.13	ND	ND	-	µg/m ³
Methyl isobutyl ketone	EPA Methods TO-15,1999	0.10	0.41	ND	ND	-	µg/m ³
cis-1,3-dichloro-1-propene	EPA Methods TO-15,1999	0.04	0.18	ND	ND	-	µg/m ³
trans-1,3-dichloro-1-propene	EPA Methods TO-15,1999	0.10	0.45	ND	ND	-	µg/m ³
Toluene	EPA Methods TO-15,1999	0.02	0.08	2.85	10.74	-	µg/m ³
1,1,2-trichloroethane	EPA Methods TO-15,1999	0.02	0.11	ND	ND	-	µg/m ³
3-hexanone	EPA Methods TO-15,1999	0.10	0.41	ND	ND	-	µg/m ³
2-hexanone	EPA Methods TO-15,1999	0.04	0.16	ND	ND	-	µg/m ³
Hexanal	EPA Methods TO-15,1999	0.20	0.82	ND	ND	-	µg/m ³
Dibromochloromethane	EPA Methods TO-15,1999	0.02	0.17	ND	ND	-	µg/m ³
Tetrachloroethylene	EPA Methods TO-15,1999	0.006	0.041	0.06	0.41	400	µg/m ³
1,2-dibromoethane	EPA Methods TO-15,1999	0.006	0.046	ND	ND	370	µg/m ³
Chlorobenzene	EPA Methods TO-15,1999	0.02	0.09	0.04	0.18	-	µg/m ³
Ethylbenzene	EPA Methods TO-15,1999	0.02	0.09	0.36	1.56	-	µg/m ³
m,p-xylene	EPA Methods TO-15,1999	0.04	0.17	0.65	2.82	-	µg/m ³
Styrene	EPA Methods TO-15,1999	0.02	0.09	0.02	0.09	-	µg/m ³
o-xylene	EPA Methods TO-15,1999	0.02	0.09	0.14	0.61	-	µg/m ³
Tribromomethane	EPA Methods TO-15,1999	0.02	0.21	ND	ND	-	µg/m ³
1,1,2,2-tetrachloroethane	EPA Methods TO-15,1999	0.010	0.069	ND	ND	83	µg/m ³
1,3,5-trimethylbenzene	EPA Methods TO-15,1999	0.02	0.10	0.04	0.20	-	µg/m ³
1,2,4-trimethylbenzene	EPA Methods TO-15,1999	0.02	0.10	0.10	0.49	-	µg/m ³
1,3-dichlorobenzene	EPA Methods TO-15,1999	0.02	0.12	ND	ND	-	µg/m ³
Benzyl chloride	EPA Methods TO-15,1999	0.008	0.041	ND	ND	12	µg/m ³
1,4-dichlorobenzene	EPA Methods TO-15,1999	0.008	0.048	ND	ND	1100	µg/m ³
1,2,3-trimethylbenzene	EPA Methods TO-15,1999	0.02	0.10	0.04	0.20	-	µg/m ³
1,2-dichlorobenzene	EPA Methods TO-15,1999	0.02	0.12	ND	ND	-	µg/m ³
1,2,4-trichlorobenzene	EPA Methods TO-15,1999	0.02	0.15	ND	ND	-	µg/m ³

REMARK : ^{1/} Notification of Pollution Control Department B.E. 2552 (2009) (24 hours)^{2/} Notification of The National Environmental Board B.E. 2560 (2017)^{3/} Sampling by Eastern Thai Consulting 1992 Co., Ltd. (Measurement By Mr. Suphakorn Nopporpitak)

Analyzed by Secot Co., Ltd.



Examined By

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

11/06/2025

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Request No. LA68-R0603

Report No. R6806-0146 - R6806-0152

TEST REPORT

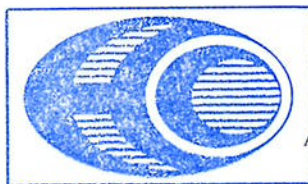
CUSTOMER : GC Polyols Company Limited
ADDRESS : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong, 21150
SAMPLE SOURCE : GCP Plant
SAMPLE POINT : วัดมาบขลุค
PARAMETER* : Nitrogen Dioxide
DETERMINATION METHOD : Chemiluminescence
INSTRUMENT : API Model T200 S/N 7875

SAMPLE NO. : 14333-14339
SAMPLING DATE : 21-28/05/2025
RECEIVED DATE : 28/05/2025
REPORTED DATE : 09/06/2025

TIME / DATE	21-22/05/2025	22-23/05/2025	23-24/05/2025	24-25/05/2025	25-26/05/2025	26-27/05/2025	27-28/05/2025	UNIT
10:00 - 11:00 ^{1/2}	0.014	0.009	0.016	0.016	0.016	0.016	0.014	ppm
11:00 - 12:00	0.013	0.009	0.016	0.015	0.015	0.016	0.014	ppm
12:00 - 13:00	0.011	0.016	0.016	0.016	0.014	0.016	0.016	ppm
13:00 - 14:00	0.012	0.016	0.017	0.012	0.016	0.017	0.016	ppm
14:00 - 15:00	0.013	0.015	0.015	0.016	0.017	0.016	0.016	ppm
15:00 - 16:00	0.015	0.013	0.016	0.017	0.017	0.016	0.013	ppm
16:00 - 17:00	0.015	0.015	0.016	0.016	0.008	0.016	0.016	ppm
17:00 - 18:00	0.016	0.014	0.016	0.016	0.017	0.012	0.016	ppm
18:00 - 19:00	0.014	0.016	0.016	0.012	0.017	0.015	0.015	ppm
19:00 - 20:00	0.013	0.015	0.017	0.016	0.017	0.016	0.012	ppm
20:00 - 21:00	0.012	0.014	0.017	0.016	0.017	0.015	0.011	ppm
21:00 - 22:00	0.012	0.015	0.017	0.016	0.017	0.014	0.011	ppm
22:00 - 23:00	0.011	0.015	0.017	0.017	0.016	0.013	0.011	ppm
23:00 - 00:00	0.012	0.015	0.017	0.017	0.015	0.013	0.013	ppm
00:00 - 01:00	0.013	0.015	0.017	0.017	0.016	0.014	0.015	ppm
01:00 - 02:00	0.014	0.015	0.017	0.016	0.017	0.014	0.015	ppm
02:00 - 03:00	0.014	0.016	0.016	0.017	0.017	0.015	0.015	ppm
03:00 - 04:00	0.015	0.016	0.016	0.017	0.017	0.016	0.016	ppm
04:00 - 05:00	0.014	0.016	0.016	0.017	0.017	0.016	0.015	ppm
05:00 - 06:00	0.014	0.016	0.016	0.016	0.016	0.016	0.014	ppm
06:00 - 07:00	0.012	0.015	0.015	0.016	0.016	0.016	0.014	ppm
07:00 - 08:00	0.013	0.016	0.016	0.016	0.015	0.016	0.015	ppm
08:00 - 09:00	0.015	0.016	0.015	0.016	0.013	0.014	0.016	ppm
09:00 - 10:00	0.015	0.016	0.014	0.015	0.016	0.012	0.017	ppm
Maximum 1 hr.	0.016	0.016	0.017	0.017	0.017	0.017	0.017	ppm
Average 24 hr.	0.013	0.015	0.016	0.016	0.016	0.015	0.014	ppm
Standard (1 hr.) ^{1/1}	0.17	0.17	0.17	0.17	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. Suphakorn Noppornpitak)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By...

09/06/2025

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Wind Speed & Wind Direction

Request No. LA68-R0603

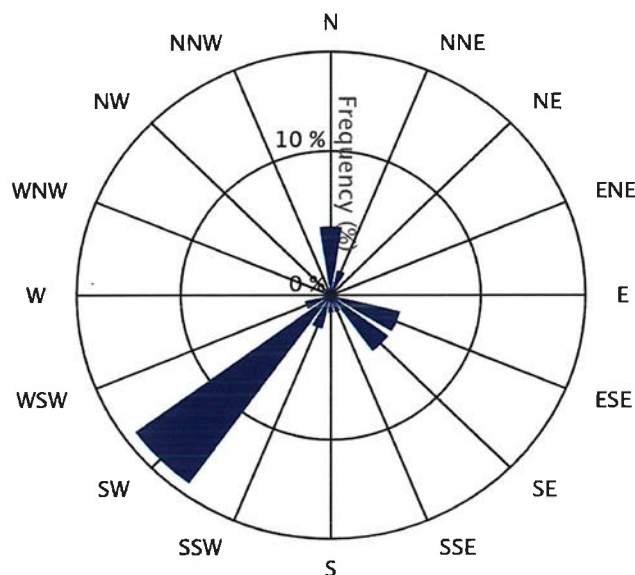
GC Polyols Company Limited (GCP Plant)

Sample No. 14340

Sampling Source : วัดมาบขลุ่ด

Sampling Date : May 21-28, 2025

Calm 60.1 %



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	4.8	0.0	0.0	0.0	0.0	0.0	4.8
NNE	1.8	0.0	0.0	0.0	0.0	0.0	1.8
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	4.8	0.0	0.0	0.0	0.0	0.0	4.8
SE	4.8	0.0	0.0	0.0	0.0	0.0	4.8
SSE	1.2	0.0	0.0	0.0	0.0	0.0	1.2
S	1.2	0.0	0.0	0.0	0.0	0.0	1.2
SSW	2.4	0.0	0.0	0.0	0.0	0.0	2.4
SW	16.1	0.0	0.0	0.0	0.0	0.0	16.1
WSW	1.8	0.0	0.0	0.0	0.0	0.0	1.8
W	0.6	0.0	0.0	0.0	0.0	0.0	0.6
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	0.6	0.0	0.0	0.0	0.0	0.0	0.6
Total	39.9	0.0	0.0	0.0	0.0	0.0	

Wind Speed & Wind Direction

Request No. LA68-R0603

GC Polyols Company Limited (GCP Plant)

Sample No. 14340

Sampling Source : วัดมาบขุด

Sampling Date : May 21-28, 2025

Time	May 21-22, 2025		May 22-23, 2025		May 23-24, 2025		May 24-25, 2025		May 25-26, 2025		May 26-27, 2025		May 27-28, 2025	
	Wind Speed (m/s)	Wind Direction	Wind Speed (m/s)	Wind Direction	Wind Speed (m/s)	Wind Direction	Wind Speed (m/s)	Wind Direction	Wind Speed (m/s)	Wind Direction	Wind Speed (m/s)	Wind Direction	Wind Speed (m/s)	Wind Direction
10:00-11:00	0.0	-	0.4	SSE	0.0	-	0.4	NNE	0.9	ESE	0.4	SW	0.4	NNE
11:00-12:00	0.0	-	0.4	SW	0.4	ESE	0.0	-	0.0	-	0.4	SE	0.0	-
12:00-13:00	0.4	SW	0.4	SW	0.4	SSW	0.4	SW	0.0	-	0.4	SE	0.0	-
13:00-14:00	0.4	SW	0.0	-	0.4	SW	0.9	SE	0.4	WSW	0.4	SSW	0.9	SW
14:00-15:00	0.0	-	0.0	-	0.4	SSW	0.9	S	0.9	SW	0.9	SSW	0.4	WSW
15:00-16:00	0.0	-	0.0	-	0.4	SW	0.9	SE	0.4	SW	1.8	ESE	0.0	-
16:00-17:00	0.4	N	0.0	-	0.4	SW	0.4	SE	0.4	SW	0.9	S	0.0	-
17:00-18:00	0.0	-	0.4	WSW	0.4	SW	0.4	SSE	0.4	SW	0.4	SW	0.0	-
18:00-19:00	0.0	-	0.0	-	0.4	SW	0.4	SE	0.9	ESE	0.9	SW	0.0	-
19:00-20:00	0.0	-	0.0	-	0.4	SW	0.4	SE	0.9	SW	0.9	W	0.0	-
20:00-21:00	0.0	-	0.0	-	0.4	SW	0.0	-	0.9	SW	0.0	-	0.0	-
21:00-22:00	0.0	-	0.0	-	0.4	SW	0.4	SE	0.4	SW	0.0	-	0.0	-
22:00-23:00	0.0	-	0.0	-	0.4	SW	0.0	-	0.9	ESE	0.0	-	0.0	-
23:00-00:00	0.0	-	0.0	-	0.0	-	0.0	-	0.9	ESE	0.0	-	0.0	-
00:00-01:00	0.0	-	0.0	-	0.0	-	0.0	-	0.4	ESE	0.0	-	0.0	-
01:00-02:00	0.0	-	0.0	-	0.0	-	0.0	-	0.4	SW	0.0	-	0.0	-
02:00-03:00	0.0	-	0.0	-	0.0	-	0.0	-	0.4	SW	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	-	0.4	N	0.0	-	0.0	-
05:00-06:00	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.4	NNW	0.0	-
06:00-07:00	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.4	N	0.0	-
07:00-08:00	0.0	-	0.0	-	0.4	NNE	0.0	-	0.0	-	0.4	N	0.0	-
08:00-09:00	0.0	-	0.0	-	0.0	-	0.4	ESE	0.0	-	0.9	N	0.0	-
09:00-10:00	0.0	-	0.4	N	0.4	N	0.0	-	0.0	-	0.4	N	0.0	-

Request No. LA68-0543

Report No. 6806-0083

TEST REPORT

CUSTOMER : GC Polyols Company Limited.

ADDRESS : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong 21150

SAMPLE SOURCE : GCP Plant

SAMPLE POINT : ปล่องของระบบ TO SAMPLE NO. : 02085-02086

SAMPLING DATE : 26/05/2025 SAMPLING TIME : 10:00-10:30

RECEIVED DATE : 30/05/2025 REPORTED DATE : 10/06/2025

TESTED DATE : 30/05/2025-06/06/2025

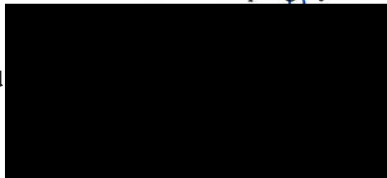
STACK DESCRIPTION[@]

Height	: 60.00 m	Type of Process	: Combustion
Diameter	: 0.70 m	Type of Fuel	: Natural Gas
Temperature	: 601.20 °C	Oxygen Content	: 10.62 %
Air Velocity	: 21.64 m/s	Barometric Pressure	: 754.00 mmHg
Flow rate ²	: 1.31 m ³ /s	Atmospheric Temperature	: 34.40 °C
Moisture Content	: - %		

PARAMETER	TEST METHOD	TIME	RESULT ²		STD ¹	UNIT
			10.62 % O ₂	7 % O ₂		
Oxides of Nitrogen (NO _x as NO ₂)	Absorption, Phenoldisulfonic	10:20-10:25	14.1	19.1	376, 301 ³	mg/m ³
	Acid (U.S. EPA Method 7)		7.5	10.1	200, 160 ³	ppm
			0.018 [@]	-	0.367 ³	g/s
Carbon monoxide (CO)	Non-Dispersive Infrared	10:00-10:30	1.8	2.4	790	mg/m ³
	(U.S. EPA Method 10)		1.6	2.2	690	ppm
			0.002 [@]	-	-	g/s

- REMARK:**
- ¹ Notification of The Ministry of Industry B.E. 2549 (2006)
 - ² Standard Condition (Temperature 25°C, Pressure 760 mmHg) and Dry Basis
 - ³ ค่ากำหนดตามรายงานการประเมินผลกระทบสิ่งแวดล้อม (EIA)
 - [@] These Data Outside The Scope of The Registration of The Department of Industrial Works.
 - GPS = Sampling at UTM 47P 731294E 1405399N
 - Sampling By Mr. Audomsub Jenjobbing (1-003-0-0009)

Examined



10/06/2025



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By...



10/06/2025

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

Request No. LA68-0535

Report No. 6806-0137

TEST REPORT

CUSTOMER : GC Polyols Company Limited.

ADDRESS : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong 21150

SAMPLE SOURCE : GCP Plant

SAMPLE POINT : ปล่อง VOCs Wet Scrubber (Start Up) SAMPLE NO. : 02003

SAMPLING DATE : 21/05/2025 SAMPLING TIME : 13:30-14:00

RECEIVED DATE : 26/05/2025 REPORTED DATE : 17/06/2025

TESTED DATE : 26/05/2025-13/06/2025

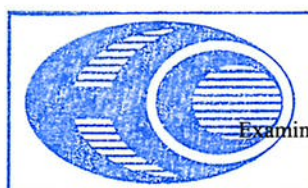
STACK DESCRIPTION

Height :	18.50	m	Type of Process :	Exhaust
Diameter :	0.15	m	Type of Fuel :	-
Temperature :	32.60	°C	Oxygen Content :	20.90 %
Air Velocity :	3.04	m/s	Barometric Pressure :	752.50 mmHg
Flow rate ² :	0.04	m ³ /s	Atmospheric Temperature :	31.00 °C
Moisture Content :	-	%		

PARAMETER	TEST METHOD	TIME	RESULT ²	STD ¹	UNIT
Propylene Oxide ³	U.S.EPA Method 18 / GC FID	13:30-14:00	0.74	157	mg/m ³
			0.31	66	ppm
			0.00003	0.02	g/s

REMARK:

- ¹ ค่ากำหนดตามรายงานการประเมินผลกระทบสิ่งแวดล้อม (EIA)
- ² Standard Condition (Temperature 25°C, Pressure 760 mmHg) and Dry Basis
- ³ Sampling by Eastern Thai Consulting 1992 Co.,Ltd. (Mr. Audomsub Jenjobjing)
Analysed By SECOT Co.,Ltd.
- GPS = Sampling at UTM 47P 731196E 1405256N



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By...

17/06/2025

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Request No. LA68-0543

Report No. 6806-0084

TEST REPORT

CUSTOMER : GC Polyols Company Limited.

ADDRESS : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong 21150

SAMPLE SOURCE : GCP Plant

SAMPLE POINT : ปล่องของ VOCs Wet Scrubber

SAMPLE NO. : 02087

SAMPLING DATE : 26/05/2025

SAMPLING TIME : 11:00-11:30

RECEIVED DATE : 30/05/2025

REPORTED DATE : 14/06/2025

TESTED DATE : 30/05/2025-14/06/2025

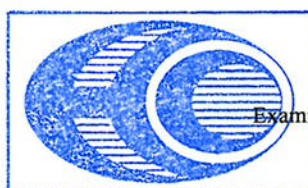
STACK DESCRIPTION

Height	: 18.50	m	Type of Process	: Exhaust
Diameter	: 0.15	m	Type of Fuel	: -
Temperature	: 35.00	°C	Oxygen Content	: 12.62 %
Air Velocity	: 2.95	m/s	Barometric Pressure	: 754.00 mmHg
Flow rate ²	: 0.05	m ³ /s	Atmospheric Temperature	: 34.00 °C
Moisture Content	: -	%		

PARAMETER	TEST METHOD	TIME	RESULT ²	STD ¹	UNIT
Propylene Oxide ³	U.S.EPA Method 18 / GC FID	11:00-11:30	0.80	4	mg/m ³
			0.34	1.69	ppm
			0.00004	0.0005	g/s

REMARK:

- ¹ คำกำหนดตามรายงานการประเมินผลกระทบสิ่งแวดล้อม (EIA)
- ² Standard Condition (Temperature 25°C, Pressure 760 mmHg) and Dry Basis
- ³ Sampling by Eastern Thai Consulting 1992 Co.,Ltd. (Mr. Audomsub Jenjobjing)
Analysed By SECOT Co.,Ltd.
- GPS = Sampling at UTM 47P 731196E 1405256N



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By...

14/06/2025

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY

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Test Report

Request No : W6801121

Report No : 6802-0177

Customer : GC Polyols Company Limited.**

Address : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong 21150**

Sampling Source : GCP Plant**

Sample No : W 68010372

Sample Name : Final Check Basin**

Sampling Date : 08/01/2025**

Sampling By : ETC**

Sampling Time : 9:05 AM**

Sampling Method : Grab**

Received Date : 09/01/2025

Tested Date : 10/01/2025 - 15/01/2025

Reported Date : 05/02/2025

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	9.9	≤500
Chemical Oxygen Demand #	mg/L	Closed Reflux, Titrimetric Method (SM:5220C)	56	≤750
Oil and Grease *	mg/L	Liquid-Liquid, Partition-Gravimetric Method (SM:5520B)	< 3.0	≤10
pH (on site) *		Electrometric Method	8.2	5.5 - 9
Temperature *	°C	Laboratory and Field Method (SM:2550 B)	27	≤45
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	490	≤3000
Total Suspended Solids #	mg/L	Dried at 103-105 degree celsius (SM:2540D)	15	≤200

Physical Appearance : 1. Sample : greenish, lightly SS

2. Container : Normal [PE 0.5 L , PE 1.8 L, PE 2.0 L , G 1.0 L]

Remark : 1. /1 Eastern Industrial Estate (Map ta Phut) , Maximum levels for Wastewater Discharging to Central Wastewater Treatment Plant

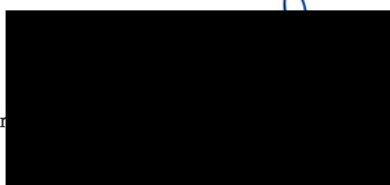
2. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.

3. Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.

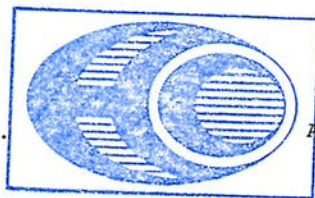
4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Parkpoom Buasawad (ว-003-ท-0017) *

5. ** = These data are non laboratory data. / GPS = Sampling at UTM 47 P 731277E 1405406N

Examin

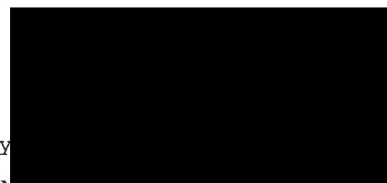


(ว-003-ท-0007)
05/02/2025



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By



(Miss Nunnaphat Bakhuntod)
(ว-003-ท-0005)
05/02/2025

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Test Report

Request No : W6802452

Report No : 6802-1419

Customer : GC Polyols Company Limited.**

Address : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong 21150**

Sampling Source : GCP Plant**

Sample No : W 68021292

Sample Name : Final Check Basin**

Sampling Date : 19/02/2025**

Sampling By : ETC**

Sampling Time : 10:00 AM**

Sampling Method : Grab**

Received Date : 20/02/2025

Tested Date : 20/02/2025 - 26/02/2025

Reported Date : 27/02/2025

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	12.5	≤500
Chemical Oxygen Demand #	mg/L	Closed Reflux, Titrimetric Method (SM:5220C)	78	≤750
Oil and Grease *	mg/L	Liquid-Liquid, Partition-Gravimetric Method (SM:5520B)	< 3.0	≤10
pH (on site) *		Electrometric Method	7.5	5.5 - 9
Temperature *	°C	Laboratory and Field Method (SM:2550 B)	30	≤45
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	452	≤3000
Total Suspended Solids #	mg/L	Dried at 103-105 degree celsius (SM:2540D)	35	≤200

Physical Apperance : 1. Sample : green, lightly SS

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

Remark : 1. /1 Eastern Industrial Estate (Map ta Phut) , Maximum levels for Wastewater Discharging to Central Wastewater Treatment Plant

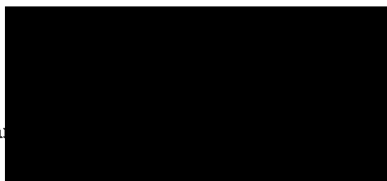
2. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.

3. Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.

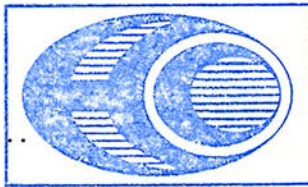
4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan (จ-003-ก-0016)*

5. ** = These data are non laboratory data. / GPS = Sampling at UTM 47 P 731277E 1405406N

Exa



(จ-003-ก-0007)
27/02/2025



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Approved B



(จ-003-ก-0005)
27/02/2025

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6803145

Report No : 6803-1104

Customer : GC Polyols Company Limited.**

Address : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong 21150**

Sampling Source : GCP Plant**

Sample No : W 68030492

Sample Name : Final Check Basin**

Sampling Date : 05/03/2025**

Sampling By : ETC**

Sampling Time : 8:50 AM**

Sampling Method : Grab**

Received Date : 06/03/2025

Tested Date : 06/03/2025 - 13/03/2025

Reported Date : 20/03/2025

Parameter	Unit	Method	Result	Standard/ ¹
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	13.7	≤500
Chemical Oxygen Demand #	mg/L	Closed Reflux, Titrimetric Method (SM:5220C)	67	≤750
Oil and Grease *	mg/L	Liquid-Liquid, Partition-Gravimetric Method (SM:5520B)	< 3.0	≤10
pH (on site) *		Electrometric Method	8.3	5.5 - 9
Temperature *	°C	Laboratory and Field Method (SM:2550 B)	31	≤45
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	422	≤3000
Total Suspended Solids #	mg/L	Dried at 103-105 degree celsius (SM:2540D)	20	≤200

Physical Apperance : 1. Sample : green, lightly SS

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

Remark : 1. /1 Eastern Industrial Estate (Map ta Phut) , Maximum levels for Wastewater Discharging to Central Wastewater Treatment Plant

2. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.

3. Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang (๓-๐๐๓-๐๐๓๑)*

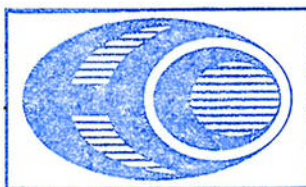
5. ** = These data are non laboratory data. / GPS = Sampling at UTM 47 P 731277E 1405406N

Examined

(Miss Apiradee Chuen-arom)

(๓-๐๐๓-๐๐๐๗)

20/03/2025



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Approved

(๓-๐๐๓-๐๐๐๕)

20/03/2025

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Test Report

Request No : W6804077

Report No : 6804-0537

Customer : GC Polyols Company Limited.**

Address : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong 21150**

Sampling Source : GCP Plant**

Sample No : W 68040236

Sample Name : Final Check Basin**

Sampling Date : 02/04/2025**

Sampling By : ETC**

Sampling Time : 9:20 AM**

Sampling Method : Grab**

Received Date : 03/04/2025

Tested Date : 03/04/2025 - 09/04/2025

Reported Date : 11/04/2025

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	6.4	≤500
Chemical Oxygen Demand #	mg/L	Closed Reflux, Titrimetric Method (SM:5220C)	60	≤750
Oil and Grease *	mg/L	Liquid-Liquid, Partition-Gravimetric Method (SM:5520B)	< 3.0	≤10
pH (on site) *		Electrometric Method	7.3	5.5 - 9
Temperature *	°C	Laboratory and Field Method (SM:2550 B)	30	≤45
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	332	≤3000
Total Suspended Solids #	mg/L	Dried at 103-105 degree celsius (SM:2540D)	8	≤200

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 Eastern Industrial Estate (Map ta Phut) , Maximum levels for Wastewater Discharging to Central Wastewater Treatment Plant

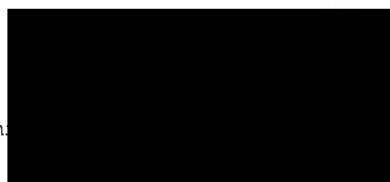
2. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.

3. Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.

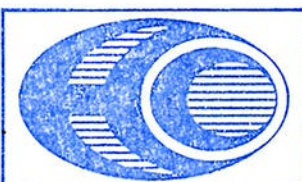
4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Parkpoom Buasawad (จ-003-ก-0017)*

5. ** = These data are non laboratory data. / GPS = Sampling at UTM 47 P 731277E 1405406N

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(จ-003-ก-0007)
11/04/2025



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Approve



(จ-003-ก-0005)
11/04/2025

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Test Report

Customer : GC Polyols Company Limited.**

Request No : W6805354

Report No : 6805-1557

Address : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong 21150**

Sampling Source : GCP Plant**

Sample No : W 68051281

Sample Name : Final Check Basin**

Sampling Date : 14/05/2025**

Sampling By : ETC**

Sampling Time : 9:05 AM**

Sampling Method : Grab**

Received Date : 15/05/2025

Tested Date : 15/05/2025 - 21/05/2025

Reported Date : 26/05/2025

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	13.7	≤500
Chemical Oxygen Demand #	mg/L	Closed Reflux, Titrimetric Method (SM:5220C)	< 40	≤750
Oil and Grease *	mg/L	Liquid-Liquid, Partition-Gravimetric Method (SM:5520B)	< 3.0	≤10
pH (on site) *		Electrometric Method	7.3	5.5 - 9
Temperature *	°C	Laboratory and Field Method (SM:2550 B)	30	≤45
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	120	≤3000
Total Suspended Solids #	mg/L	Dried at 103-105 degree celsius (SM:2540D)	9	≤200

Physical Apperance : 1. Sample : yellowish, lightly SS

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

Remark : 1. /1 Eastern Industrial Estate (Map ta Phut) , Maximum levels for Wastewater Discharging to Central Wastewater Treatment Plant

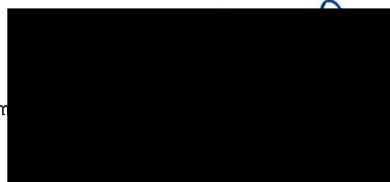
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3. Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.

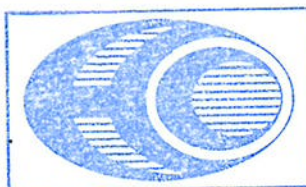
4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang (จ-003-ก-0031)*

5. ** = These data are non laboratory data. / GPS = Sampling at UTM 47 P 731277E 1405406N

Exam



26/05/2025



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Approved



26/05/2025

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Test Report

Request No : W6806050

Report No : 6806-0926

Customer : GC Polyols Company Limited.**

Address : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong 21150**

Sampling Source : GCP Plant**

Sample No : W 68060144

Sample Name : Final Check Basin**

Sampling Date : 04/06/2025**

Sampling By : ETC**

Sampling Time : 9:00 AM**

Sampling Method : Grab**

Received Date : 05/06/2025

Tested Date : 05/06/2025 - 11/06/2025

Reported Date : 17/06/2025

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	13.3	≤500
Chemical Oxygen Demand #	mg/L	Closed Reflux, Titrimetric Method (SM:5220C)	58	≤750
Oil and Grease *	mg/L	Liquid-Liquid, Partition-Gravimetric Method (SM:5520B)	< 3.0	≤10
pH (on site) *		Electrometric Method	7.6	5.5 - 9
Temperature *	°C	Laboratory and Field Method (SM:2550 B)	31	≤45
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	258	≤3000
Total Suspended Solids #	mg/L	Dried at 103-105 degree celsius (SM:2540D)	27	≤200

Physical Apperance : 1. Sample : greenish, lightly SS

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

Remark : 1. /1 Eastern Industrial Estate (Map ta Phut) , Maximum levels for Wastewater Discharging to Central Wastewater Treatment Plant

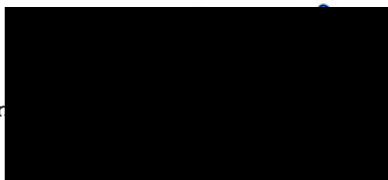
2. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.

3. Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharek Phatklang (จ-003-ท-0031)*

5. ** = These data are non laboratory data. / GPS = Sampling at UTM 47 P 731277E 1405406N

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(จ-003-ท-0007)
17/06/2025



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด



(จ-003-ท-0005)
17/06/2025

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6801121

Report No : 6802-0178

Customer : GC Polyols Company Limited.**

Address : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong 21150**

Sampling Source : GCP Plant**

Sample No : W 68010373

Sample Name : Cooling Water Blowdown Hold Sump**

Sampling Date : 08/01/2025**

Sampling By : ETC**

Sampling Time : 9:10 AM**

Sampling Method : Grab**

Received Date : 09/01/2025

Tested Date : 10/01/2025 - 05/02/2025

Reported Date : 05/02/2025

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	< 2.0	≤500
Chemical Oxygen Demand #	mg/L	Closed Reflux, Titrimetric Method (SM:5220C)	< 40	≤750
Oil and Grease *	mg/L	Liquid-Liquid, Partition-Gravimetric Method (SM:5520B)	< 3.0	≤10
pH (on site) *		Electrometric Method	8.1	5.5 - 9
Temperature *	°C	Laboratory and Field Method (SM:2550 B)	27	≤45
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	532	≤3000
Total Suspended Solids #	mg/L	Dried at 103-105 degree celsius (SM:2540D)	< 5	≤200

Physical Apperance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L, PE 1.8 L, PE 2.0 L , G 1.0 L]

Remark : 1. /1 Eastern Industrial Estate (Map ta Phut) , Maximum levels for Wastewater Discharging to Central Wastewater Treatment Plant

2. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.

3. Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Parkpoom Buasawad (จ-003-ก-0017) *

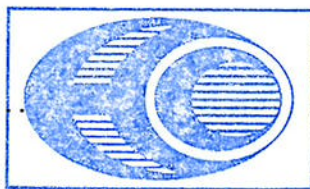
5. ** = These data are non laboratory data. / GPS = Sampling at UTM 47 P 731257E 1405411N

Examined



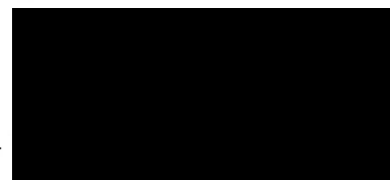
(จ-003-ก-0007)

05/02/2025



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved



(Miss Nunnaphat Bakhuntod)

(จ-003-ก-0005)

05/02/2025

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

Test Report

Request No : W6801121

Report No : 6802- 0178

Customer : GC Polyols Company Limited.

Address : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong 21150

Sampling Source : GCP Plant

Sample No : W 68010373

Sample Name : Cooling Water Blowdown Hold Sump

Sampling Date : 08/01/2025

Sampling By : ETC

Sampling Time : 9:10 AM

Sampling Method : Grab

Received Date : 09/01/2025

Tested Date : 10/01/2025 - 05/02/2025

Reported Date : 05/02/2025

Parameter	Unit	Method	Result	Standard ¹
Total Organic Carbon (TOC)	# ppm	Combustion Infrared	8.63	-

Physical Apperance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L, PE 1.8 L, PE 2.0 L , G 1.0 L]

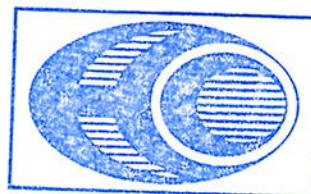
Remark : 1. /1 Eastern Industrial Estate (Map ta Phut) , Maximum levels for Wastewater Discharging to Central Wastewater Treatment Plant

2. # Tested by the office of Public Health and Environmental Technology Services Faculty of Public Health Mahidol University

3. GPS = Sampling at UTM 47 P 731257E 1405411N

4. Sampling By Mr. Parkpoom Buasawad

5. ppm = mg/L



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined

(Miss Aphralee Chuen-arom)

05/02/2025

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

Test Report

Request No : W6802452

Report No : 6802-1420

Customer : GC Polyols Company Limited.**

Address : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong 21150**

Sampling Source : GCP Plant**

Sample No : W 68021293

Sample Name : Cooling Water Blowdown Hold Sump**

Sampling Date : 19/02/2025**

Sampling By : ETC**

Sampling Time : 10:10 AM**

Sampling Method : Grab**

Received Date : 20/02/2025

Tested Date : 20/02/2025 - 26/02/2025

Reported Date : 27/02/2025

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	3.7	≤500
Chemical Oxygen Demand #	mg/L	Closed Reflux, Titrimetric Method (SM:5220C)	41	≤750
Oil and Grease *	mg/L	Liquid-Liquid, Partition-Gravimetric Method (SM:5520B)	< 3.0	≤10
pH (on site) *		Electrometric Method	7.6	5.5 - 9
Temperature *	°C	Laboratory and Field Method (SM:2550 B)	31	≤45
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	512	≤3000
Total Suspended Solids #	mg/L	Dried at 103-105 degree celsius (SM:2540D)	< 5	≤200

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 Eastern Industrial Estate (Map ta Phut) , Maximum levels for Wastewater Discharging to Central Wastewater Treatment Plant

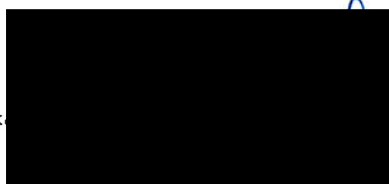
2. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.

3. Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.

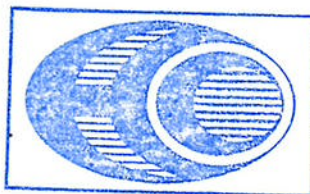
4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan (จ-003-ก-0016)*

5. ** = These data are non laboratory data. / GPS = Sampling at UTM 47 P 731257E 1405411N

Ex



(จ-003-ก-0007)
27/02/2025



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved



(จ-003-ก-0005)
27/02/2025

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

Test Report

Request No : W6802452

Report No : 6802-1420

Customer : GC Polyols Company Limited.

Address : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong 21150

Sampling Source : GCP Plant

Sample No : W 68021293

Sample Name : Cooling Water Blowdown Hold Sump

Sampling Date : 19/02/2025

Sampling By : ETC

Sampling Time : 10:10 AM

Sampling Method : Grab

Received Date : 20/02/2025

Tested Date : 20/02/2025 - 26/02/2025

Reported Date : 27/02/2025

Parameter	Unit	Method	Result	Standard/ ¹
Total Organic Carbon (TOC)	# ppm	Combustion Infrared	9.53	-

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]

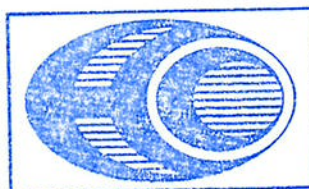
Remark : 1. /1 Eastern Industrial Estate (Map ta Phut) , Maximum levels for Wastewater Discharging to Central Wastewater Treatment Plant

2. # Tested by the office of Public Health and Environmental Technology Services Faculty of Public Health Mahidol University

3. GPS = Sampling at UTM 47 P 731257E 1405411N

4. Sampling By Mr. Songpon Phiwan

5. ppm = mg/L



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examin

27/02/2025

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

Test Report

Request No : W6803145

Report No : 6803-1105

Customer : GC Polyols Company Limited.**

Address : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong 21150**

Sampling Source : GCP Plant**

Sample No : W 68030493

Sample Name : Cooling Water Blowdown Hold Sump**

Sampling Date : 05/03/2025**

Sampling By : ETC**

Sampling Time : 9:05 AM**

Sampling Method : Grab**

Received Date : 06/03/2025

Tested Date : 06/03/2025 - 17/03/2025

Reported Date : 20/03/2025

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	< 2.0	≤500
Chemical Oxygen Demand #	mg/L	Closed Reflux, Titrimetric Method (SM:5220C)	< 40	≤750
Oil and Grease *	mg/L	Liquid-Liquid, Partition-Gravimetric Method (SM:5520B)	< 3.0	≤10
pH (on site) *		Electrometric Method	8.2	5.5 - 9
Temperature *	°C	Laboratory and Field Method (SM:2550 B)	31	≤45
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	412	≤3000
Total Suspended Solids #	mg/L	Dried at 103-105 degree celsius (SM:2540D)	< 5	≤200

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 Eastern Industrial Estate (Map ta Phut) , Maximum levels for Wastewater Discharging to Central Wastewater Treatment Plant

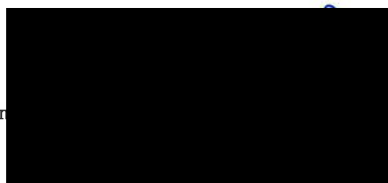
2. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.

3. Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang (จ-003-ก-0031)*

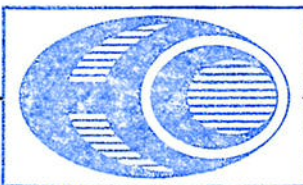
5. ** = These data are non laboratory data. / GPS = Sampling at UTM 47 P 731257E 1405411N

Exam



(J-003-ก-0007)

20/03/2025



Approve



20/03/2025

บริษัท อีสเทิร์นไทยคอนซัลต์ 1992 จำกัด
REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

Test Report

Request No : W6803145

Report No : 6803-1105

Customer : GC Polyols Company Limited.

Address : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong 21150

Sampling Source : GCP Plant

Sample No : W 68030493

Sample Name : Cooling Water Blowdown Hold Sump

Sampling Date : 05/03/2025

Sampling By : ETC

Sampling Time : 9:05 AM

Sampling Method : Grab

Received Date : 06/03/2025

Tested Date : 06/03/2025 - 17/03/2025

Reported Date : 20/03/2025

Parameter	Unit	Method	Result	Standard/ ¹
Total Organic Carbon (TOC)	# ppm	Combustion Infrared	8.20	-

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 Eastern Industrial Estate (Map ta Phut) , Maximum levels for Wastewater Discharging to Central Wastewater Treatment Plant

2. # Tested by the office of Public Health and Environmental Technology Services Faculty of Public Health Mahidol University

3. GPS = Sampling at UTM 47 P 731257E 1405411N

4. Sampling By Mr. Supharerk Phatklang

5. ppm = mg/L



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Examin

20/03/2025

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

Test Report

Request No : W6804077

Report No : 6804-0538

Customer : GC Polyols Company Limited.**

Address : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong 21150**

Sampling Source : GCP Plant**

Sample No : W 68040237

Sample Name : Cooling Water Blowdown Hold Sump**

Sampling Date : 02/04/2025**

Sampling By : ETC**

Sampling Time : 9:25 AM**

Sampling Method : Grab**

Received Date : 03/04/2025

Tested Date : 03/04/2025 - 09/04/2025

Reported Date : 11/04/2025

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	< 2.0	≤500
Chemical Oxygen Demand #	mg/L	Closed Reflux, Titrimetric Method (SM:5220C)	< 40	≤750
Oil and Grease *	mg/L	Liquid-Liquid, Partition-Gravimetric Method (SM:5520B)	< 3.0	≤10
pH (on site) *	.	Electrometric Method	7.8	5.5 - 9
Temperature *	°C	Laboratory and Field Method (SM:2550 B)	28	≤45
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	494	≤3000
Total Suspended Solids #	mg/L	Dried at 103-105 degree celsius (SM:2540D)	6	≤200

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 Eastern Industrial Estate (Map ta Phut) , Maximum levels for Wastewater Discharging to Central Wastewater Treatment Plant

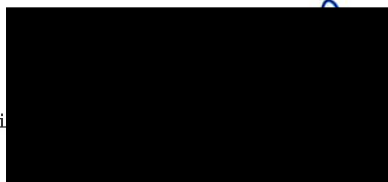
2. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.

3. Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Parkpoom Buasawad (J-003-ท-0017)*

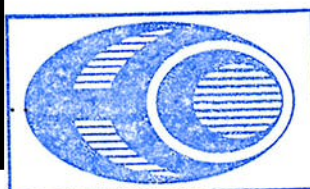
5. ** = These data are non laboratory data. / GPS = Sampling at UTM 47 P 731257E 1405411N

Exami



(J-003-ท-0007)

11/04/2025



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved B



(J-003-ท-0005)

11/04/2025

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

Test Report

Request No : W6804077

Report No : 6804- 0538

Customer : GC Polyols Company Limited.

Address : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong 21150

Sampling Source : GCP Plant

Sample No : W 68040237

Sample Name : Cooling Water Blowdown Hold Sump

Sampling Date : 02/04/2025

Sampling By : ETC

Sampling Time : 9:25 AM

Sampling Method : Grab

Received Date : 03/04/2025

Tested Date : 03/04/2025 - 09/04/2025

Reported Date : 11/04/2025

Parameter	Unit	Method	Result	Standard/ ¹
Total Organic Carbon (TOC)	# ppm	Combustion Infrared	9.09	-

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]

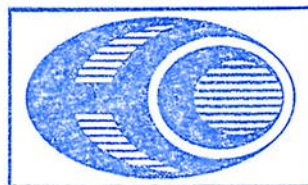
Remark : 1. /1 Eastern Industrial Estate (Map ta Phut) , Maximum levels for Wastewater Discharging to Central Wastewater Treatment Plant

2. # Tested by the office of Public Health and Environmental Technology Services Faculty of Public Health Mahidol University

3. GPS = Sampling at UTM 47 P 731257E 1405411N

4. Sampling By Mr. Parkpoom Buasawad

5. ppm = mg/L



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined

(Miss Apiradee Chuen-aron)

11/04/2025

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

Test Report

Request No : W6805354

Report No : 6805-1558

Customer : GC Polyols Company Limited.**

Address : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong 21150**

Sampling Source : GCP Plant**

Sample No : W 68051282

Sample Name : Cooling Water Blowdown Hold Sump**

Sampling Date : 14/05/2025**

Sampling By : ETC**

Sampling Time : 9:15 AM**

Sampling Method : Grab**

Received Date : 15/05/2025

Tested Date : 15/05/2025 - 23/05/2025

Reported Date : 26/05/2025

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	< 2.0	≤500
Chemical Oxygen Demand #	mg/L	Closed Reflux, Titrimetric Method (SM:5220C)	< 40	≤750
Oil and Grease *	mg/L	Liquid-Liquid, Partition-Gravimetric Method (SM:5520B)	< 3.0	≤10
pH (on site) *		Electrometric Method	7.2	5.5 - 9
Temperature *	°C	Laboratory and Field Method (SM:2550 B)	30	≤45
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	382	≤3000
Total Suspended Solids #	mg/L	Dried at 103-105 degree celsius (SM:2540D)	< 5	≤200

Physical Apperance : 1. Sample : lightly SS

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

Remark : 1. /1 Eastern Industrial Estate (Map ta Phut) , Maximum levels for Wastewater Discharging to Central Wastewater Treatment Plant

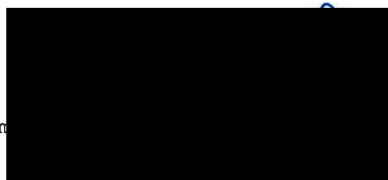
2. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.

3. Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.

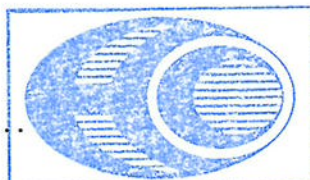
4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang (จ-003-ก-0031)*

5. ** = These data are non laboratory data. / GPS = Sampling at UTM 47 P 731257E 1405411N

Exam



(จ-003-ก-0007)
26/05/2025



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved



26/05/2025

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

Test Report

Request No : W6805354

Report No : 6805-1558

Customer : GC Polyols Company Limited.

Address : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong 21150

Sampling Source : GCP Plant

Sample No : W 68051282

Sample Name : Cooling Water Blowdown Hold Sump

Sampling Date : 14/05/2025

Sampling By : ETC

Sampling Time : 9:15 AM

Sampling Method : Grab

Received Date : 15/05/2025

Tested Date : 15/05/2025 - 23/05/2025

Reported Date : 26/05/2025

Parameter	Unit	Method	Result	Standard/ ¹
Total Organic Carbon (TOC) #	ppm	Combustion Infrared	6.36	-

Physical Apperance : 1. Sample : lightly SS

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

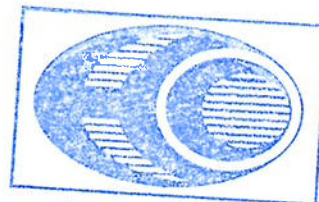
Remark : 1. /1 Eastern Industrial Estate (Map ta Phut) , Maximum levels for Wastewater Discharging to Central Wastewater Treatment Plant

2. # Tested by the office of Public Health and Environmental Technology Services Faculty of Public Health Mahidol University

3. GPS = Sampling at UTM 47 P 731257E 1405411N

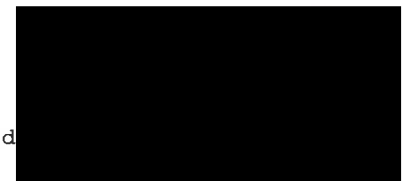
4. Sampling By Mr. Supharek Phatklang

5. ppm = mg/L



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined



(Miss Aphrae Chuen-aron)

26/05/2025

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

Test Report

Request No : W6806050

Report No : 6806-0927

Customer : GC Polyols Company Limited.**

Address : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong 21150**

Sampling Source : GCP Plant**

Sample No : W 68060145

Sample Name : Cooling Water Blowdown Hold Sump**

Sampling Date : 04/06/2025**

Sampling By : ETC**

Sampling Time : 9:10 AM**

Sampling Method : Grab**

Received Date : 05/06/2025

Tested Date : 05/06/2025 - 13/06/2025

Reported Date : 17/06/2025

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	< 2.0	≤500
Chemical Oxygen Demand #	mg/L	Closed Reflux, Titrimetric Method (SM:5220C)	< 40	≤750
Oil and Grease *	mg/L	Liquid-Liquid, Partition-Gravimetric Method (SM:5520B)	< 3.0	≤10
pH (on site) *		Electrometric Method	8.3	5.5 - 9
Temperature *	°C	Laboratory and Field Method (SM:2550 B)	32	≤45
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	408	≤3000
Total Suspended Solids #	mg/L	Dried at 103-105 degree celsius (SM:2540D)	< 5	≤200

Physical Apperance : 1. Sample : lightly SS

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

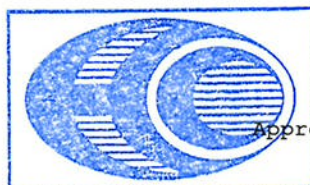
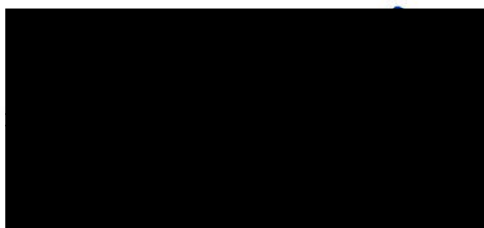
Remark : 1. /1 Eastern Industrial Estate (Map ta Phut) , Maximum levels for Wastewater Discharging to Central Wastewater Treatment Plant

2. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.

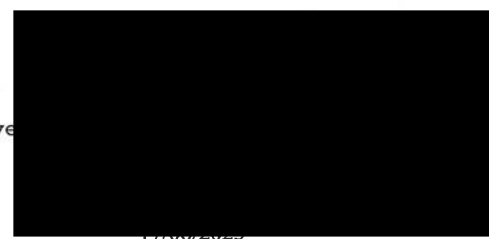
3. Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharek Phatklang (จ-003-ค-0031)*

5. ** = These data are non laboratory data. / GPS = Sampling at UTM 47 P 731257E 1405411N



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด



Test Report

Request No : W6806050

Report No : 6806-0927

Customer : GC Polyols Company Limited.

Address : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong 21150

Sampling Source : GCP Plant

Sample No : W 68060145

Sample Name : Cooling Water Blowdown Hold Sump

Sampling Date : 04/06/2025

Sampling By : ETC

Sampling Time : 9:10 AM

Sampling Method : Grab

Received Date : 05/06/2025

Tested Date : 05/06/2025 - 13/06/2025

Reported Date : 17/06/2025

Parameter	Unit	Method	Result	Standard ¹
Total Organic Carbon (TOC)	# ppm	Combustion Infrared	8.48	-

Physical Apperance : 1. Sample : lightly SS

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

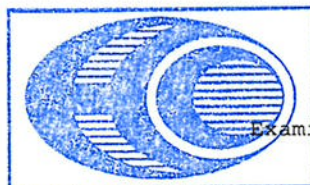
Remark : 1. /1 Eastern Industrial Estate (Map ta Phut) , Maximum levels for Wastewater Discharging to Central Wastewater Treatment Plant

2. # Tested by the office of Public Health and Environmental Technology Services Faculty of Public Health Mahidol University

3. GPS = Sampling at UTM 47 P 731257E 1405411N

4. Sampling By Mr. Supharerk Phatklang

5. ppm = mg/L



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Test Report

Request No : W6803643

Report No : 6804- 0526

Customer : GC Polyols Company Limited.

Address : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong 21150

Sampling Source : GCP Plant

Sample No : W 68032012

Sample Name : ทิศเหนือของพื้นที่โครงการ (น้ำใต้ดิน) (MW1)

Sampling Date : 26/03/2025

Sampling By : ETC

Sampling Time : 1:25 PM

Sampling Method : Grab

Received Date : 27/03/2025

Tested Date : 28/03/2025 - 08/04/2025

Reported Date : 11/04/2025

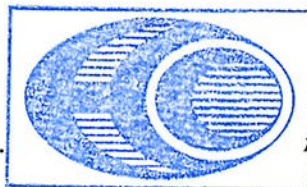
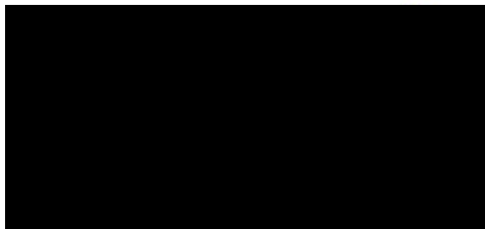
Parameter	Unit	Method	Result	Standard ¹
pH (on site)		Electrometric Method	6.6	6.5 - 9.2***

Physical Apperance : 1. Sample : yellowish, lightly SS

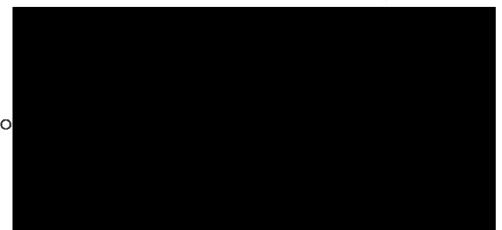
2. Container : Normal [PE 0.5 L , G 1.0 L]

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

- ***ค่า pH จากจุดเก็บตัวอย่างบ่อท้ายน้ำกับจุดเก็บตัวอย่างบ่อน้ำที่เปลี่ยนแปลงจะต้องไม่เกินหนึ่งระดับ และ
ไม่อยู่นอกช่วงค่าเกณฑ์อนุโลมสูงสุดของมาตรฐาน คุณภาพน้ำบาดาลที่ใช้บริ โภค
- Sampling By Mr. Supharerk Phatklang (ว-003-ค-0031)
- GPS = Sampling at 47P 731322E 1405404N



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11/04/2025

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Test Report

Request No : W6803643

Report No : 6804 - 0526

Customer : GC Polyols Company Limited.

Address : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong 21150

Sampling Source : GCP Plant

Sample No : W 68032012

Sample Name : ทิศเหนือของพื้นที่โครงการ (น้ำใต้ดิน) (MW1)

Sampling Date : 26/03/2025

Sampling By : ETC

Sampling Time : 1:25 PM

Sampling Method : Grab

Received Date : 27/03/2025

Tested Date : 28/03/2025 - 08/04/2025

Reported Date : 11/04/2025

Parameter	Unit	Method	Result	Standard/ ¹
Temperature	°C	Laboratory and Field Method (SM:2550 B)	35	-

Physical Apperance : 1. Sample : yellowish, lightly SS

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

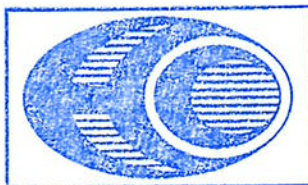
Remark : 1. /1 Soil and Groundwater Contamination Standard, Notification of the Ministry of Industry . B.E.2559 (2016)

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

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

4. Sampling By Mr. Supharerk Phatklang

5. GPS = Sampling at 47P 731322E 1405404N



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Examined

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6803643

Report No : 6804-0526

Customer : GC Polyols Company Limited.

Address : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong 21150

Sampling Source : GCP Plant

Sample No : W 68032012

Sample Name : ทิศเหนือของพื้นที่โครงการ (น้ำใต้ดิน) (MW1)

Sampling Date : 26/03/2025

Sampling By : ETC

Sampling Time : 1:25 PM

Sampling Method : Grab

Received Date : 27/03/2025

Tested Date : 28/03/2025 - 08/04/2025

Reported Date : 11/04/2025

Parameter	Unit	Method	Result	Standard/ ¹
Zinc	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.33	≤10

Physical Appearance : 1. Sample : yellowish, lightly SS

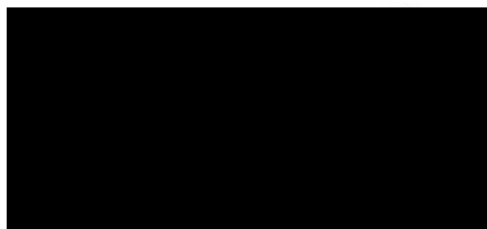
2. Container : Normal [PE 0.5 L , G 1.0 L]

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

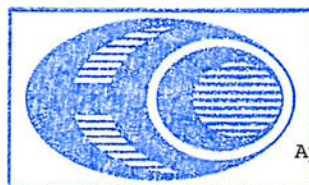
2. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.

3. Sampling By Mr. Supharerk Phatklang (ว-003-ก-0031)

4. GPS = Sampling at 47P 731322E 1405404N



11/04/2025



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11/04/2025

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Test Report

Request No : W6803643

Report No : 6804-0526

Customer : GC Polyols Company Limited.

Address : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong 21150

Sampling Source : GCP Plant

Sample No : W 68032012

Sample Name : ทิศเหนือของพื้นที่โครงการ (น้ำใต้ดิน) (MW1)

Sampling Date : 26/03/2025

Sampling By : SECOT CO.,LTD.

Sampling Time : 1:25 PM

Sampling Method : Grab

Received Date : 27/03/2025

Tested Date : 28/03/2025 - 08/04/2025

Reported Date : 11/04/2025

Parameter	Unit	Method	Result	Standard/ ¹
Methanol #	mg/L	APHA, 6200 B	ND	≤60

Physical Apperance : 1. Sample : yellowish, lightly SS

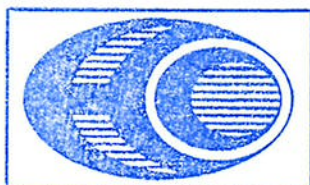
2. Container : Normal [PE 0.5 L , G 1.0 L]

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

2. # Tested by SECOT CO.,LTD.

3. ND = Non-detectable [Methanol = <0.50 mg/L]

4. GPS = Sampling at 47P 731322E 1405404N



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Request No. W6803643

Report No. 6804-0526

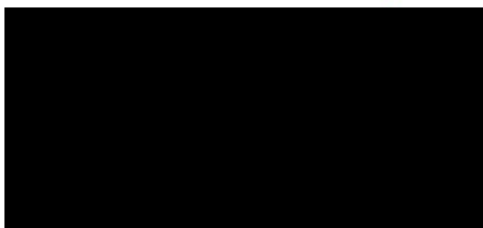
TEST REPORT

Customer : GC Polyols Company Limited.
Address : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong 21150
Sampling Source : GCP Plant Sample No. : W 68032012
Sample Name : ทิศเหนือของพื้นที่โครงการ (น้ำใต้ดิน) (MW 1) Sampling Date : 26/03/2025
Sampling By : ETC Sampling Time : 1:25 PM
Sampling Method : Grab Received Date : 27/03/2025
Tested Date : 28/03/2025 – 08/04/2025 Reported Date : 11/04/2025

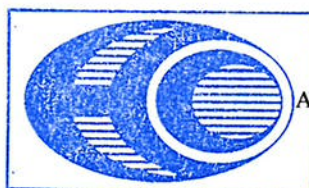
Parameter	Unit	Method	Results	Standard ^{/1}
Volatile Organic Compounds				
- Styrene	mg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.00100	≤ 24
- p, m-Xylene	mg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.00100	≤ 24
- o-Xylene	mg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.00100	≤ 24
- Xylene Total	mg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.00100	≤ 24

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

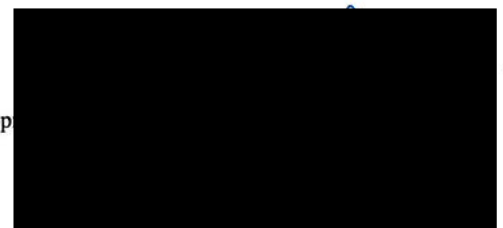
Remark : 1. /1 Soil and Groundwater Contamination Standard, Notification of the Ministry of Industry , B.E. 2559 (2016)
2. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
3. Sampling By Mr. Supharek Phatklang (ว-003-ก-0031)
4. GPS = Sampling at 47P 731322E 1405404N



11/04/2025



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Test Report

Request No : W6803643

Report No : 6804- 0527

Customer : GC Polyols Company Limited.

Address : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong 21150

Sampling Source : GCP Plant

Sample No : W 68032013

Sample Name : ทิศตะวันออกของพื้นที่โครงการ (น้ำใต้ดิน) (MW2)

Sampling Date : 26/03/2025

Sampling By : ETC

Sampling Time : 2:10 PM

Sampling Method : Grab

Received Date : 27/03/2025

Tested Date : 28/03/2025 - 08/04/2025

Reported Date : 11/04/2025

Parameter	Unit	Method	Result	Standard ¹
pH (on site)		Electrometric Method	6.9	6.5 - 9.2***

Physical Apperance : 1. Sample : yellowish, lightly SS

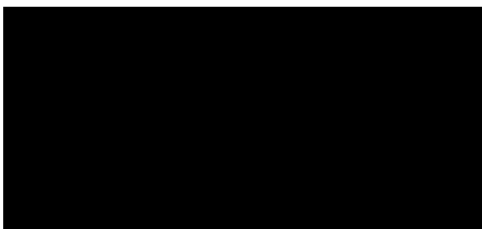
2. Container : Normal [PE 0.5 L , G 1.0 L]

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

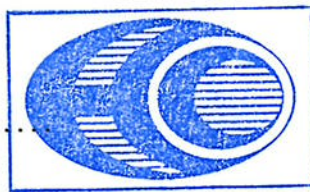
2. ***ค่า pH จากจุดเก็บตัวอย่างบ่อน้ำกับจุดเก็บตัวอย่างบ่อน้ำที่เปลี่ยนแปลงจะต้องไม่เกินหนึ่งระดับ และ
ไม่อยู่นอกช่วงค่าเกณฑ์อนุโลมสูงสุดของมาตรฐาน คุณภาพน้ำบาดาลที่ให้บริการ

3. Sampling By Mr. Supharerk Phatklang (ว-003-ก-0031)

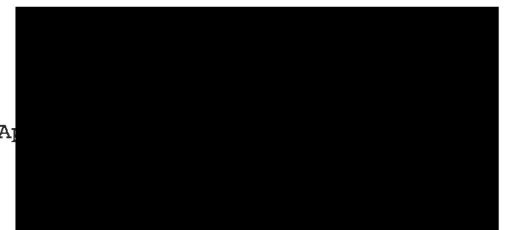
4. GPS = Sampling at 47 P 731320E 1405217N



11/04/2025



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Test Report

Request No : W6803643

Report No : 6804 - 0527

Customer : GC Polyols Company Limited.

Address : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mucang Rayong District, Rayong 21150

Sampling Source : GCP Plant

Sample No : W 68032013

Sample Name : ทิศตะวันออกของพื้นที่โครงการ (น้ำใต้ดิน) (MW2)

Sampling Date : 26/03/2025

Sampling By : ETC

Sampling Time : 2:10 PM

Sampling Method : Grab

Received Date : 27/03/2025

Tested Date : 28/03/2025 - 08/04/2025

Reported Date : 11/04/2025

Parameter	Unit	Method	Result	Standard ¹
Temperature	°C	Laboratory and Field Method (SM:2550 B)	38	-

Physical Apperance : 1. Sample : yellowish, lightly SS

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

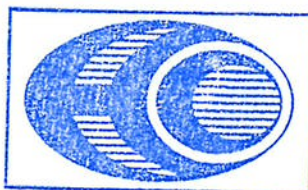
Remark : 1. /1 Soil and Groundwater Contamination Standard, Notification of the Ministry of Industry . B.E.2559 (2016)

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

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

4. Sampling By Mr. Supharerk Phatklang

5. GPS = Sampling at 47 P 731320E 1405217N



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Ex

Test Report

Request No : W6803643

Report No : 6804-0527

Customer : GC Polyols Company Limited.

Address : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong 21150

Sampling Source : GCP Plant

Sample No : W 68032013

Sample Name : ทิศตะวันออกของพื้นที่โครงการ (น้ำใต้ดิน) (MW2)

Sampling Date : 26/03/2025

Sampling By : ETC

Sampling Time : 2:10 PM

Sampling Method : Grab

Received Date : 27/03/2025

Tested Date : 28/03/2025 - 08/04/2025

Reported Date : 11/04/2025

Parameter	Unit	Method	Result	Standard ¹
Zinc	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.21	≤10

Physical Appearance : 1. Sample : yellowish, lightly SS

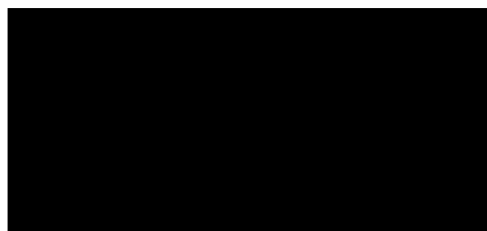
2. Container : Normal [PE 0.5 L , G 1.0 L]

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

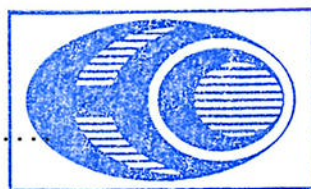
2. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.

3. Sampling By Mr. Supharerk Phatklang (ว-003-ค-0031)

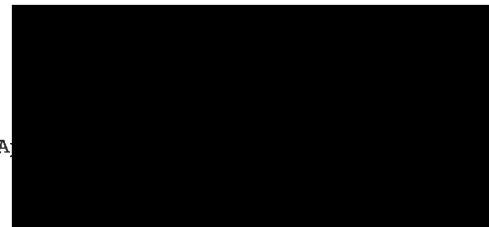
4. GPS = Sampling at 47 P 731320E 1405217N



11/04/2025



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11/04/2025

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Test Report

Request No : W6803643

Report No : 6804-0527

Customer : GC Polyols Company Limited.

Address : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong 21150

Sampling Source : GCP Plant

Sample No : W 68032013

Sample Name : ทิศตะวันออกของพื้นที่โครงการ (น้ำใต้ดิน) (MW2)

Sampling Date : 26/03/2025

Sampling By : SECOT CO.,LTD.

Sampling Time : 2:10 PM

Sampling Method : Grab

Received Date : 27/03/2025

Tested Date : 28/03/2025 - 08/04/2025

Reported Date : 11/04/2025

Parameter	Unit	Method	Result	Standard ¹
Methanol #	mg/L	APHA, 6200 B	ND	≤60

Physical Apperance : 1. Sample : yellowish, lightly SS

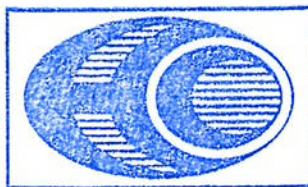
2. Container : Normal [PE 0.5 L , G 1.0 L]

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

2. # Tested by SECOT CO.,LTD.

3. ND = Non-detectable [Methanol = <0.50 mg/L]

4. GPS = Sampling at 47 P 731320E 1405217N



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Request No. W6803643

Report No. 6804-0527

TEST REPORT

Customer : GC Polyols Company Limited.

Address : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong 21150

Sampling Source : GCP Plant Sample No. : W 68032013

Sample Name : ทิศตะวันออกของพื้นที่โครงการ (น้ำใต้ดิน) (MW2) Sampling Date : 26/03/2025

Sampling By : ETC Sampling Time : 2:10 PM

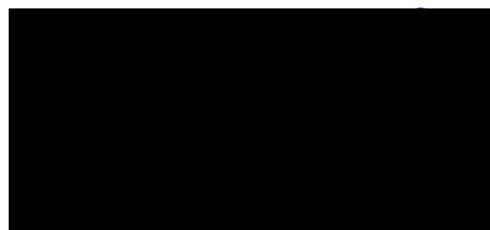
Sampling Method : Grab Received Date : 27/03/2025

Tested Date : 28/03/2025 – 08/04/2025 Reported Date : 11/04/2025

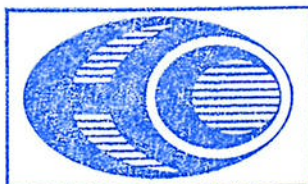
Parameter	Unit	Method	Results	Standard ¹⁾
Volatile Organic Compounds				
- Styrene	mg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.00100	≤ 24
- p, m-Xylene	mg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.00100	≤ 24
- o-Xylene	mg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.00100	≤ 24
- Xylene Total	mg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.00100	≤ 24

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

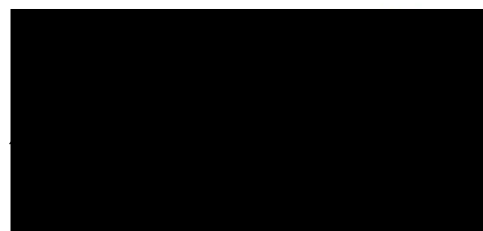
Remark : 1. /1 Soil and Groundwater Contamination Standard, Notification of the Ministry of Industry , B.E. 2559 (2016)
2. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
3. Sampling By Mr. Supharek Phatklang (จ-003-ท-0031)
4. GPS = Sampling at 47 P 731320E 1405217N



11/04/2025



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด



11/04/2025

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

Test Report

Request No : W6803643

Report No : 6804 - 0528

Customer : GC Polyols Company Limited.

Address : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong 21150

Sampling Source : GCP Plant

Sample No : W 68032014

Sample Name : ทิศใต้ของพื้นที่โครงการ (น้ำใต้ดิน) (MW3)

Sampling Date : 26/03/2025

Sampling By : ETC

Sampling Time : 1:55 PM

Sampling Method : Grab

Received Date : 27/03/2025

Tested Date : 28/03/2025 - 08/04/2025

Reported Date : 11/04/2025

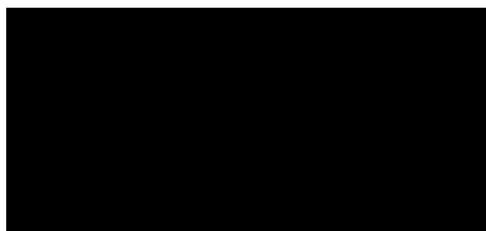
Parameter	Unit	Method	Result	Standard/ ¹
pH (on site)		Electrometric Method	6.8	6.5 - 9.2***

Physical Apperance : 1. Sample : yellowish, lightly SS

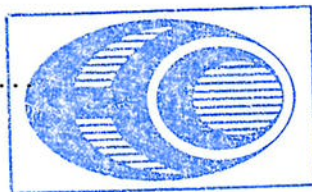
2. Container : Normal [PE 0.5 L , G 1.0 L]

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

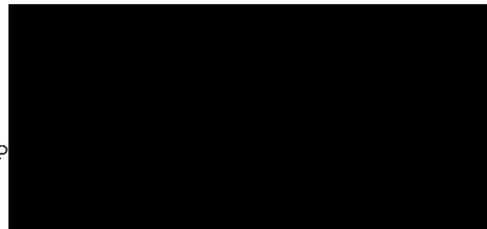
- ***ค่า pH จากจุดเก็บตัวอย่างบ่อน้ำกับจุดเก็บตัวอย่างบ่อน้ำที่เปลี่ยนแปลงจะต้องไม่เกินหนึ่งระดับ และ
ไม่อยู่นอกช่วงค่าเกณฑ์อนุโลมสูงสุดของมาตรฐาน คุณภาพน้ำบาดาลที่ใช้บริโภค
- Sampling By Mr. Supharerk Phatklang (ว-003-ค-0031)
- GPS = Sampling at 47P 731175E 1405221N



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Test Report

Request No : W6803643

Report No : 6804- 0528

Customer : GC Polyols Company Limited.

Address : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong 21150

Sampling Source : GCP Plant

Sample No : W 68032014

Sample Name : ทิศใต้ของพื้นที่โครงการ (น้ำใต้ดิน) (MW3)

Sampling Date : 26/03/2025

Sampling By : ETC

Sampling Time : 1:55 PM

Sampling Method : Grab

Received Date : 27/03/2025

Tested Date : 28/03/2025 - 08/04/2025

Reported Date : 11/04/2025

Parameter	Unit	Method	Result	Standard ¹
Temperature	°C	Laboratory and Field Method (SM:2550 B)	30	-

Physical Apperance : 1. Sample : yellowish, lightly SS

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

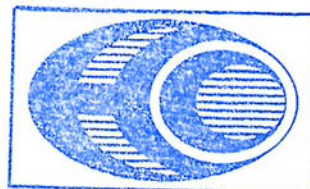
Remark : 1. /1 Soil and Groundwater Contamination Standard, Notification of the Ministry of Industry . B.E.2559 (2016)

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

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

4. Sampling By Mr. Supharerk Phatklang

5. GPS = Sampling at 47P 731175E 1405221N



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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Test Report

Request No : W6803643

Report No : 6804-0528

Customer : GC Polyols Company Limited.

Address : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong 21150

Sampling Source : GCP Plant

Sample No : W 68032014

Sample Name : ทิศใต้ของพื้นที่โครงการ (น้ำใต้ดิน) (MW3)

Sampling Date : 26/03/2025

Sampling By : ETC

Sampling Time : 1:55 PM

Sampling Method : Grab

Received Date : 27/03/2025

Tested Date : 28/03/2025 - 08/04/2025

Reported Date : 11/04/2025

Parameter	Unit	Method	Result	Standard ¹
Zinc	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.55	≤10

Physical Appearance : 1. Sample : yellowish, lightly SS

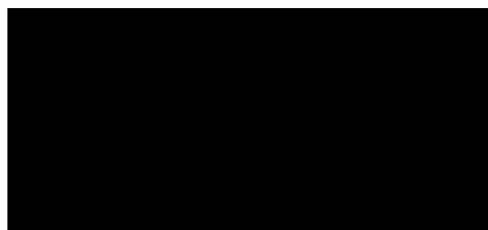
2. Container : Normal [PE 0.5 L , G 1.0 L]

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

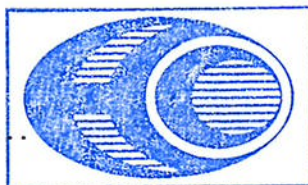
2. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.

3. Sampling By Mr. Supharerk Phatklang (๓-003-ค-0031)

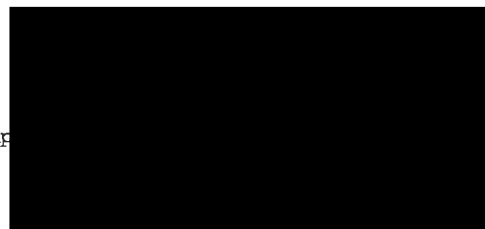
4. GPS = Sampling at 47P 731175E 1405221N



11/04/2025



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11/04/2025

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Test Report

Request No : W6803643

Report No : 6804 -0528

Customer : GC Polyols Company Limited.

Address : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong 21150

Sampling Source : GCP Plant

Sample No : W 68032014

Sample Name : ทิศใต้ของพื้นที่โครงการ (น้ำใต้ดิน) (MW3)

Sampling Date : 26/03/2025

Sampling By : SECOT CO.,LTD.

Sampling Time : 1:55 PM

Sampling Method : Grab

Received Date : 27/03/2025

Tested Date : 28/03/2025 - 08/04/2025

Reported Date : 11/04/2025

Parameter	Unit	Method	Result	Standard ¹
Methanol #	mg/L	APHA, 6200 B	ND	≤60

Physical Apperance : 1. Sample : yellowish, lightly SS

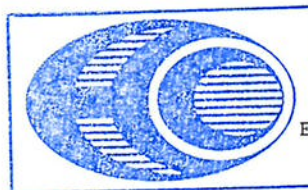
2. Container : Normal [PE 0.5 L , G 1.0 L]

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

2. # Tested by SECOT CO.,LTD.

3. ND = Non-detectable [Methanol = <0.50 mg/L]

4. GPS = Sampling at 47P 731175E 1405221N



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Exam

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Request No. W6803643

Report No. 6804-0528

TEST REPORT

Customer : GC Polyols Company Limited.

Address : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong 21150

Sampling Source : GCP Plant Sample No. : W 68032014

Sample Name : ทิศใต้ของพื้นที่โครงการ (น้ำใต้ดิน) (MW 3) Sampling Date : 26/03/2025

Sampling By : ETC Sampling Time : 1:55 PM

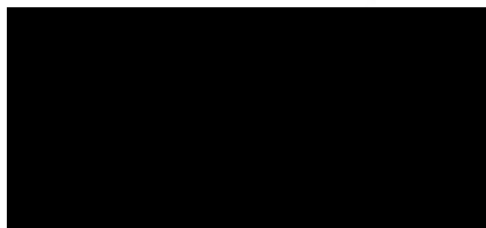
Sampling Method : Grab Received Date : 27/03/2025

Tested Date : 28/03/2025 – 08/04/2025 Reported Date : 11/04/2025

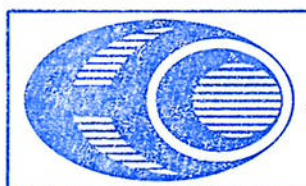
Parameter	Unit	Method	Results	Standard ^{1/}
Volatile Organic Compounds				
- Styrene	mg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.00100	≤ 24
- p, m-Xylene	mg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.00100	≤ 24
- o-Xylene	mg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.00100	≤ 24
- Xylene Total	mg/L	Purge and Trap Capillary-Column/GC-MS (SM:6200B)	< 0.00100	≤ 24

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

Remark : 1. /1 Soil and Groundwater Contamination Standard, Notification of the Ministry of Industry , B.E. 2559 (2016)
2. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
3. Sampling By Mr. Supharek Phatklang (ว-003-ก-0031)
4. GPS = Sampling at 47P 731175E 1405221N

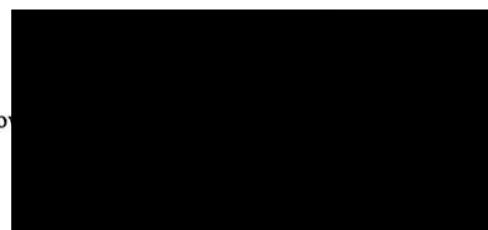


11/04/2025



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Appro



11/04/2025

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Request No. LA68-R0216

Report No. R6802-0253

TEST REPORT

CUSTOMER : GC Polyols Company Limited
ADDRESS : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong, 21150
SAMPLE SOURCE : GCP Plant
SAMPLE POINT : บริเวณริมรั้วโรงงานด้านทิศเหนือ
PARAMETER* : L_{eq} 1 hr., L_{eq} 24 hr., L_{max} , L_{90} & L_{dn}
DETERMINATION METHOD : ISO 1996-1:2016
INSTRUMENT : Integrated Sound Level Meter
S/N 00222594 : Class 2

SAMPLE NO. : 01008
MEASURING DATE : 04-05/02/2025
RECEIVED DATE : 11/02/2025
REPORTED DATE : 18/02/2025

TIME \ DATE	04-05/02/2025 (L_{eq})	04-05/02/2025 (L_{max})	04-05/02/2025 (L_{90})	UNIT
10:00 - 11:00 ^{/3}	61.2	79.9	58.7	dB(A)
11:00 - 12:00	58.1	70.1	57.3	dB(A)
12:00 - 13:00	58.5	69.7	57.3	dB(A)
13:00 - 14:00	59.3	87.7	57.6	dB(A)
14:00 - 15:00	61.4	79.2	58.5	dB(A)
15:00 - 16:00	58.7	77.6	57.7	dB(A)
16:00 - 17:00	58.6	83.9	57.7	dB(A)
17:00 - 18:00	59.8	73.4	58.8	dB(A)
18:00 - 19:00	59.5	80.5	58.7	dB(A)
19:00 - 20:00	58.7	71.5	57.8	dB(A)
20:00 - 21:00	57.9	65.6	57.4	dB(A)
21:00 - 22:00	58.0	68.0	57.6	dB(A)
22:00 - 23:00	58.9	63.0	58.3	dB(A)
23:00 - 00:00	60.3	75.6	59.1	dB(A)
00:00 - 01:00	67.3	95.2	62.4	dB(A)
01:00 - 02:00	59.7	71.2	59.0	dB(A)
02:00 - 03:00	59.7	72.8	59.1	dB(A)
03:00 - 04:00	59.1	68.2	58.7	dB(A)
04:00 - 05:00	60.0	74.3	59.3	dB(A)
05:00 - 06:00	60.1	74.1	58.9	dB(A)
06:00 - 07:00	60.0	74.3	59.0	dB(A)
07:00 - 08:00	61.8	79.1	59.3	dB(A)
08:00 - 09:00	66.3	86.2	60.2	dB(A)
09:00 - 10:00	65.4	95.7	61.1	dB(A)
L_{eq} 24 hr.	61.3	-	-	dB(A)
L_{dn}	67.9	-	-	dB(A)
Maximum	-	95.7	-	dB(A)
Standard	$70^{/1}, 70^{/2}$	$115^{/1}, 115^{/2}$	-	dB(A)

REMARK : ^{/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
(Measurement By Mr. Apiwat Klangpetch)

Approved

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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Request No. LA68-R0216

Report No. R6802-0254

TEST REPORT

CUSTOMER : GC Polyols Company Limited
ADDRESS : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong, 21150
SAMPLE SOURCE : GCP Plant
SAMPLE POINT : บริเวณริมรั้วโรงงานด้านทิศเหนือ
PARAMETER* : L_{eq} 1 hr., L_{eq} 24 hr., L_{max} , L_{90} & L_{dn}
DETERMINATION METHOD : ISO 1996-1:2016
INSTRUMENT : Integrated Sound Level Meter
S/N 00222594 : Class 2

SAMPLE NO. : 01009
MEASURING DATE : 05-06/02/2025
RECEIVED DATE : 11/02/2025
REPORTED DATE : 18/02/2025

TIME \ DATE	05-06/02/2025 (L_{eq})	05-06/02/2025 (L_{max})	05-06/02/2025 (L_{90})	UNIT
10:00 - 11:00 ^{/3}	62.6	79.7	60.4	dB(A)
11:00 - 12:00	67.8	90.1	60.0	dB(A)
12:00 - 13:00	58.3	66.8	57.8	dB(A)
13:00 - 14:00	59.1	69.2	58.3	dB(A)
14:00 - 15:00	59.3	77.0	58.3	dB(A)
15:00 - 16:00	59.3	74.7	58.3	dB(A)
16:00 - 17:00	59.0	68.3	58.3	dB(A)
17:00 - 18:00	59.0	65.3	58.4	dB(A)
18:00 - 19:00	59.5	79.3	58.2	dB(A)
19:00 - 20:00	58.9	74.3	58.3	dB(A)
20:00 - 21:00	60.1	76.9	58.4	dB(A)
21:00 - 22:00	60.5	74.2	58.5	dB(A)
22:00 - 23:00	59.9	72.7	58.4	dB(A)
23:00 - 00:00	58.3	68.6	57.9	dB(A)
00:00 - 01:00	58.2	61.8	57.8	dB(A)
01:00 - 02:00	59.1	70.5	58.1	dB(A)
02:00 - 03:00	60.2	64.7	59.4	dB(A)
03:00 - 04:00	61.8	74.0	60.8	dB(A)
04:00 - 05:00	60.8	63.7	59.9	dB(A)
05:00 - 06:00	59.0	74.0	58.0	dB(A)
06:00 - 07:00	59.1	73.4	58.1	dB(A)
07:00 - 08:00	61.5	85.7	58.1	dB(A)
08:00 - 09:00	61.0	82.6	58.2	dB(A)
09:00 - 10:00	63.0	83.1	59.7	dB(A)
L_{eq} 24 hr.	60.9	-	-	dB(A)
L_{dn}	66.5	-	-	dB(A)
Maximum	-	90.1	-	dB(A)
Standard	$70^{/1}, 70^{/2}$	$115^{/1}, 115^{/2}$	-	dB(A)

REMARK : ^{/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
(Measurement By Mr. Apiwat Klangpetch)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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Request No. LA68-R0216

Report No. R6802-0255

TEST REPORT

CUSTOMER : GC Polyols Company Limited
ADDRESS : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong, 21150
SAMPLE SOURCE : GCP Plant
SAMPLE POINT : บริเวณริมรั้วโรงงานด้านทิศเหนือ
PARAMETER* : L_{eq} 1 hr., L_{eq} 24 hr., L_{max} , L_{90} & L_{dn}
DETERMINATION METHOD : ISO 1996-1:2016
INSTRUMENT : Integrated Sound Level Meter
S/N 00222594 : Class 2

SAMPLE NO. : 01010
MEASURING DATE : 06-07/02/2025
RECEIVED DATE : 11/02/2025
REPORTED DATE : 18/02/2025

TIME \ DATE	06-07/02/2025 (L_{eq})	06-07/02/2025 (L_{max})	06-07/02/2025 (L_{90})	UNIT
10:00 - 11:00 ^{/3}	65.6	91.7	59.8	dB(A)
11:00 - 12:00	58.7	66.8	57.9	dB(A)
12:00 - 13:00	58.5	64.5	57.9	dB(A)
13:00 - 14:00	60.0	78.6	58.5	dB(A)
14:00 - 15:00	61.3	71.0	59.3	dB(A)
15:00 - 16:00	61.4	74.5	59.2	dB(A)
16:00 - 17:00	62.8	75.9	61.0	dB(A)
17:00 - 18:00	59.9	72.4	59.2	dB(A)
18:00 - 19:00	60.1	79.8	58.8	dB(A)
19:00 - 20:00	59.0	63.1	58.4	dB(A)
20:00 - 21:00	61.1	73.7	58.8	dB(A)
21:00 - 22:00	61.1	72.8	58.8	dB(A)
22:00 - 23:00	60.3	71.7	58.2	dB(A)
23:00 - 00:00	59.8	71.4	58.3	dB(A)
00:00 - 01:00	58.9	70.0	58.0	dB(A)
01:00 - 02:00	58.7	68.3	58.1	dB(A)
02:00 - 03:00	59.2	73.5	58.5	dB(A)
03:00 - 04:00	59.0	73.8	58.2	dB(A)
04:00 - 05:00	58.8	72.9	58.3	dB(A)
05:00 - 06:00	58.3	62.8	57.9	dB(A)
06:00 - 07:00	58.7	72.9	57.8	dB(A)
07:00 - 08:00	59.2	82.8	57.9	dB(A)
08:00 - 09:00	59.4	72.6	58.2	dB(A)
09:00 - 10:00	60.7	77.3	58.6	dB(A)
L_{eq} 24 hr.	60.4	-	-	dB(A)
L_{dn}	65.9	-	-	dB(A)
Maximum	-	91.7	-	dB(A)
Standard	$70^{/1}, 70^{/2}$	$115^{/1}, 115^{/2}$	-	dB(A)

REMARK : ^{/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
(Measurement By Mr. Apiwat Klangpetch)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Request No. LA68-R0216

Report No. R6802-0256

TEST REPORT

CUSTOMER : GC Polyols Company Limited
 ADDRESS : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong, 21150
 SAMPLE SOURCE : GCP Plant
 SAMPLE POINT : บริเวณริมรั้วโรงงานด้านทิศเหนือ
 PARAMETER* : L_{eq} 1 hr., L_{eq} 24 hr., L_{max} , L_{90} & L_{dn}
 DETERMINATION METHOD : ISO 1996-1:2016
 INSTRUMENT : Integrated Sound Level Meter
 S/N 00222594 : Class 2

SAMPLE NO. : 01011
 MEASURING DATE : 07-08/02/2025
 RECEIVED DATE : 11/02/2025
 REPORTED DATE : 18/02/2025

TIME \ DATE	07-08/02/2025 (L_{eq})	07-08/02/2025 (L_{max})	07-08/02/2025 (L_{90})	UNIT
10:00 - 11:00 ^{/3}	65.9	93.0	60.8	dB(A)
11:00 - 12:00	64.4	94.9	58.5	dB(A)
12:00 - 13:00	58.6	79.5	58.1	dB(A)
13:00 - 14:00	64.3	91.1	59.0	dB(A)
14:00 - 15:00	67.1	95.9	61.4	dB(A)
15:00 - 16:00	60.3	70.7	59.6	dB(A)
16:00 - 17:00	59.5	71.3	58.6	dB(A)
17:00 - 18:00	61.5	81.5	59.3	dB(A)
18:00 - 19:00	61.6	75.0	60.4	dB(A)
19:00 - 20:00	60.5	84.7	59.5	dB(A)
20:00 - 21:00	61.7	74.7	59.4	dB(A)
21:00 - 22:00	61.1	72.9	58.6	dB(A)
22:00 - 23:00	60.2	72.7	58.5	dB(A)
23:00 - 00:00	59.6	72.7	58.9	dB(A)
00:00 - 01:00	58.6	65.4	58.0	dB(A)
01:00 - 02:00	60.1	70.9	58.5	dB(A)
02:00 - 03:00	59.7	70.7	58.9	dB(A)
03:00 - 04:00	59.1	71.3	58.4	dB(A)
04:00 - 05:00	59.2	72.4	58.5	dB(A)
05:00 - 06:00	59.0	68.1	58.4	dB(A)
06:00 - 07:00	59.1	69.1	58.5	dB(A)
07:00 - 08:00	60.9	81.0	58.6	dB(A)
08:00 - 09:00	60.0	78.4	58.5	dB(A)
09:00 - 10:00	59.6	77.2	58.1	dB(A)
L_{eq} 24 hr.	61.6	-	-	dB(A)
L_{dn}	66.4	-	-	dB(A)
Maximum	-	95.9	-	dB(A)
Standard	$70^{/1}, 70^{/2}$	$115^{/1}, 115^{/2}$	-	dB(A)

REMARK : ^{/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
(Measurement By Mr. Apiwat Klangpetch)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY

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

Request No. LA68-R0216

Report No. R6802-0257

TEST REPORT

CUSTOMER : GC Polyols Company Limited
 ADDRESS : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong, 21150
 SAMPLE SOURCE : GCP Plant
 SAMPLE POINT : บริเวณริมรั้วโรงงานด้านทิศเหนือ
 PARAMETER* : L_{eq} 1 hr., L_{eq} 24 hr., L_{max} , L_{90} & L_{dn}
 DETERMINATION METHOD : ISO 1996-1:2016
 INSTRUMENT : Integrated Sound Level Meter
 S/N 00222594 : Class 2

SAMPLE NO. : 01012
 MEASURING DATE : 08-09/02/2025
 RECEIVED DATE : 11/02/2025
 REPORTED DATE : 18/02/2025

TIME \ DATE	08-09/02/2025 (L_{eq})	08-09/02/2025 (L_{max})	08-09/02/2025 (L_{90})	UNIT
10:00 - 11:00 ^{/3}	61.9	74.6	59.4	dB(A)
11:00 - 12:00	59.8	79.4	59.2	dB(A)
12:00 - 13:00	58.4	63.3	57.8	dB(A)
13:00 - 14:00	60.4	75.2	59.0	dB(A)
14:00 - 15:00	68.6	86.4	61.4	dB(A)
15:00 - 16:00	60.9	78.4	58.5	dB(A)
16:00 - 17:00	59.1	80.9	58.5	dB(A)
17:00 - 18:00	60.0	78.3	58.4	dB(A)
18:00 - 19:00	59.3	79.1	58.7	dB(A)
19:00 - 20:00	59.6	75.4	59.0	dB(A)
20:00 - 21:00	59.6	64.4	59.2	dB(A)
21:00 - 22:00	59.9	76.8	58.8	dB(A)
22:00 - 23:00	58.6	74.0	57.9	dB(A)
23:00 - 00:00	59.0	68.3	58.4	dB(A)
00:00 - 01:00	58.7	64.1	58.3	dB(A)
01:00 - 02:00	58.5	67.6	58.0	dB(A)
02:00 - 03:00	58.6	64.0	58.1	dB(A)
03:00 - 04:00	58.9	70.0	58.5	dB(A)
04:00 - 05:00	59.5	69.9	59.0	dB(A)
05:00 - 06:00	59.4	75.0	58.5	dB(A)
06:00 - 07:00	59.3	65.1	58.8	dB(A)
07:00 - 08:00	59.7	76.1	58.5	dB(A)
08:00 - 09:00	61.9	81.4	58.7	dB(A)
09:00 - 10:00	58.6	67.7	58.0	dB(A)
L_{eq} 24 hr.	60.7	-	-	dB(A)
L_{dn}	65.8	-	-	dB(A)
Maximum	-	86.4	-	dB(A)
Standard	$70^{/1}, 70^{/2}$	$115^{/1}, 115^{/2}$	-	dB(A)

REMARK : ^{/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
(Measurement By Mr. Apiwat Klangpetch)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Request No. LA68-R0216

Report No. R6802-0258

TEST REPORT

CUSTOMER : GC Polyols Company Limited
 ADDRESS : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong, 21150
 SAMPLE SOURCE : GCP Plant
 SAMPLE POINT : บริเวณริมรั้วโรงงานด้านทิศเหนือ
 PARAMETER* : L_{eq} 1 hr., L_{eq} 24 hr., L_{max} , L_{90} & L_{dn}
 DETERMINATION METHOD : ISO 1996-1:2016
 INSTRUMENT : Integrated Sound Level Meter
 S/N 00222594 : Class 2

SAMPLE NO. : 01013
 MEASURING DATE : 09-10/02/2025
 RECEIVED DATE : 11/02/2025
 REPORTED DATE : 18/02/2025

TIME \ DATE	09-10/02/2025 (L_{eq})	09-10/02/2025 (L_{max})	09-10/02/2025 (L_{90})	UNIT
10:00 - 11:00 ^{/3}	58.3	65.3	57.8	dB(A)
11:00 - 12:00	58.3	83.3	57.8	dB(A)
12:00 - 13:00	58.2	63.9	57.7	dB(A)
13:00 - 14:00	58.8	79.4	58.2	dB(A)
14:00 - 15:00	58.9	78.7	58.3	dB(A)
15:00 - 16:00	60.3	74.0	58.7	dB(A)
16:00 - 17:00	59.5	82.0	58.4	dB(A)
17:00 - 18:00	60.3	79.3	58.6	dB(A)
18:00 - 19:00	58.6	71.9	58.0	dB(A)
19:00 - 20:00	58.7	73.6	58.1	dB(A)
20:00 - 21:00	60.7	67.1	59.5	dB(A)
21:00 - 22:00	59.0	66.8	58.3	dB(A)
22:00 - 23:00	59.2	69.1	58.4	dB(A)
23:00 - 00:00	59.1	63.4	58.5	dB(A)
00:00 - 01:00	59.6	72.2	58.7	dB(A)
01:00 - 02:00	59.6	70.6	58.9	dB(A)
02:00 - 03:00	61.3	77.3	60.5	dB(A)
03:00 - 04:00	61.5	74.3	60.7	dB(A)
04:00 - 05:00	61.3	63.5	60.7	dB(A)
05:00 - 06:00	60.1	63.4	59.5	dB(A)
06:00 - 07:00	60.1	70.8	59.4	dB(A)
07:00 - 08:00	62.2	76.8	60.2	dB(A)
08:00 - 09:00	59.3	69.0	58.6	dB(A)
09:00 - 10:00	60.9	69.4	59.2	dB(A)
L_{eq} 24 hr.	59.9	-	-	dB(A)
L_{dn}	66.6	-	-	dB(A)
Maximum	-	83.3	-	dB(A)
Standard	70 ^{/1} , 70 ^{/2}	115 ^{/1} , 115 ^{/2}	-	dB(A)

REMARK : ^{/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
(Measurement By Mr. Apiwat Klangpetch)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Request No. LA68-R0216

Report No. R6802-0259

TEST REPORT

CUSTOMER : GC Polyols Company Limited
 ADDRESS : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong, 21150
 SAMPLE SOURCE : GCP Plant
 SAMPLE POINT : บริเวณริมรั้วโรงงานด้านทิศเหนือ
 PARAMETER* : L_{eq} 1 hr., L_{eq} 24 hr., L_{max} , L_{90} & L_{dn}
 DETERMINATION METHOD : ISO 1996-1:2016
 INSTRUMENT : Integrated Sound Level Meter
 S/N 00222594 : Class 2

SAMPLE NO. : 01014
 MEASURING DATE : 10-11/02/2025
 RECEIVED DATE : 11/02/2025
 REPORTED DATE : 18/02/2025

TIME \ DATE	10-11/02/2025 (L_{eq})	10-11/02/2025 (L_{max})	10-11/02/2025 (L_{90})	UNIT
10:00 - 11:00 ^{1/3}	64.9	100.0	60.1	dB(A)
11:00 - 12:00	68.7	99.9	62.4	dB(A)
12:00 - 13:00	61.1	83.7	59.2	dB(A)
13:00 - 14:00	60.4	79.0	58.7	dB(A)
14:00 - 15:00	61.7	70.5	59.6	dB(A)
15:00 - 16:00	63.7	76.8	60.0	dB(A)
16:00 - 17:00	60.2	78.0	58.7	dB(A)
17:00 - 18:00	60.7	78.3	58.8	dB(A)
18:00 - 19:00	59.4	78.8	58.7	dB(A)
19:00 - 20:00	60.2	77.8	58.9	dB(A)
20:00 - 21:00	60.4	73.0	59.2	dB(A)
21:00 - 22:00	59.8	73.8	58.9	dB(A)
22:00 - 23:00	59.6	70.7	58.9	dB(A)
23:00 - 00:00	60.0	74.1	59.5	dB(A)
00:00 - 01:00	59.7	67.7	59.2	dB(A)
01:00 - 02:00	59.3	63.9	58.9	dB(A)
02:00 - 03:00	59.7	69.9	59.3	dB(A)
03:00 - 04:00	60.0	64.8	59.6	dB(A)
04:00 - 05:00	60.3	91.3	59.6	dB(A)
05:00 - 06:00	60.2	62.6	59.7	dB(A)
06:00 - 07:00	60.2	73.1	59.4	dB(A)
07:00 - 08:00	61.5	78.4	59.0	dB(A)
08:00 - 09:00	60.2	77.4	58.2	dB(A)
09:00 - 10:00	59.7	74.5	58.0	dB(A)
L_{eq} 24 hr.	61.6	-	-	dB(A)
L_{dn}	66.8	-	-	dB(A)
Maximum	-	100.0	-	dB(A)
Standard	$70^{1/1}, 70^{1/2}$	$115^{1/1}, 115^{1/2}$	-	dB(A)

REMARK : ^{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
(Measurement By Mr. Apiwat Klangpetch)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Request No. ATR6802004

Report No. 6802-0041

TEST REPORT

CUSTOMER : GC Polyols Company Limited.

ADDRESS : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong 21150

SAMPLE SOURCE : GCP Plant

SAMPLE NAME : พื้นที่กระบวนการผลิต บริเวณที่ 1 (PPG ชั้น 1)

SAMPLING DATE : 05/02/2025 SAMPLE NO. : A68020041

RECEIVED DATE : 06/02/2025 SAMPLING TIME : 07:23-08:13

SAMPLING INSTRUMENT : Personal Pump Flow rate 0.10 L/min TESTED DATE : 06/02/2025-18/02/2025

Serial No. 218412 REPORTED DATE : 19/02/2025

PARAMETER**	TEST METHOD	RESULT ^{/2}	STD ^{/1}	UNIT
Propylene Oxide	NIOSH 1612/GC-FID	ND	240	mg/m ³
		ND	100	ppm

REMARK:

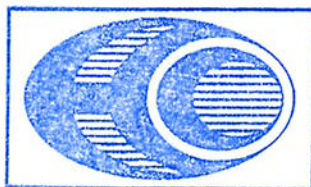
^{/1} Notification of The Department of Labour Protection and Welfare B.E.2560 (2017), Concentration Limits of Hazardous Chemicals.^{/2} ND = Non detectable : When detection limit of Propylene Oxide is less than 0.10 mg/m³ or 0.05 ppm.

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

Sampling By Eastern Thai Consulting 1992 Co.,Ltd., (Mr. Witchawan Singto)

Analysed By SECOT Co.,Ltd.

GPS = Sampling at UTM 47P 731279E 1405371N



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Request No. ATR6802004

Report No. 6802-0042

TEST REPORT

CUSTOMER : GC Polyols Company Limited.

ADDRESS : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong 21150

SAMPLE SOURCE : GCP Plant

SAMPLE NAME : พื้นที่กระบวนการผลิต บริเวณที่ 1 (PPG ชั้น 1) SAMPLE NO : A68020042

SAMPLING DATE : 05/02/2025 SAMPLING TIME : 07:23-08:23

RECEIVED DATE : 06/02/2025 TESTED DATE : 06/02/2025-19/02/2025

SAMPLING INSTRUMENT : Passive Sampling REPORTED DATE : 19/02/2025

PARAMETER**	TEST METHOD	RESULT ²	STD ¹	UNIT
Ethylene Oxide	OSHA 1010/GC-μECD	ND	1.8	mg/m ³
		ND	1.0	ppm

REMARK:

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

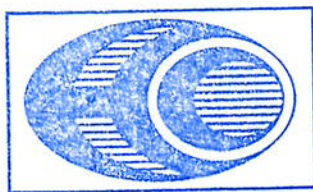
² ND = Non detectable : detection limit of Ethylene Oxide is less than 0.05 mg/m³ or 0.03 ppm.

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

Sampling By Eastern Thai Consulting 1992 Co.,Ltd., (Mr. Witchawan Singto)

Analysed By SECOT Co.,Ltd.

GPS = Sampling at UTM 47P 731279E 1405371N



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY

THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL

WITHOUT THE WRITTEN APPROVAL LABORATORY

Request No. ATR6805073

Report No. 6805-1568

TEST REPORT

CUSTOMER : GC Polyols Company Limited.

ADDRESS : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong 21150

SAMPLE SOURCE : GCP Plant

SAMPLE NAME : พื้นที่กระบวนการผลิต บริเวณที่ 1 (PPG ชั้น 1)

SAMPLING DATE : 26/05/2025 SAMPLE NO. : A68051568

RECEIVED DATE : 28/05/2025 SAMPLING TIME : 09:48-10:38

SAMPLING INSTRUMENT : Personal Pump Flow rate 0.10 L/min TESTED DATE : 04/06/2025
Serial No. 218385 REPORTED DATE : 10/06/2025

PARAMETER**	TEST METHOD	RESULT	STD ^{1/}	UNIT
Propylene Oxide	NIOSH 1612/GC-FID	0.35	240	mg/m ³
		0.15	100	ppm

REMARK:

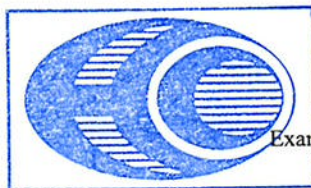
^{1/} Notification of The Department of Labour Protection and Welfare B.E.2560 (2017), Concentration Limits of Hazardous Chemicals.

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

Sampling By Eastern Thai Consulting 1992 Co.,Ltd., (Mr. Witchawan Singto)

Analysed By SECOT Co.,Ltd.

GPS = Sampling at UTM 47P 731279E 1405371N



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Request No. ATR6805073

Report No. 6805-1569

TEST REPORT

CUSTOMER : GC Polyols Company Limited.

ADDRESS : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong 21150

SAMPLE SOURCE : GCP Plant

SAMPLE NAME : พื้นที่กระบวนการผลิต บริเวณที่ 1 (PPG ชั้น 1) SAMPLE NO : A68051569

SAMPLING DATE : 26/05/2025 SAMPLING TIME : 09:48-10:48

RECEIVED DATE : 28/05/2025 TESTED DATE : 04/06/2025

SAMPLING INSTRUMENT : Passive Sampling REPORTED DATE : 10/06/2025

PARAMETER**	TEST METHOD	RESULT ²	STD ¹	UNIT
Ethylene Oxide	OSHA 1010	ND	1.8	mg/m ³
		ND	1.0	ppm

REMARK:

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

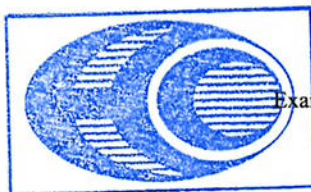
² ND = Non detectable : detection limit of Ethylene Oxide is less than 0.05 mg/m³ or 0.03 ppm.

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

Sampling By Eastern Thai Consulting 1992 Co.,Ltd., (Mr. Witchawan Singto)

Analysed By SECOT Co.,Ltd.

GPS = Sampling at UTM 47P 731279E 1405371N



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

10/06/2025

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY

THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL

WITHOUT THE WRITTEN APPROVAL LABORATORY

Request No. ATR6802004

Report No. 6802-0043

TEST REPORT

CUSTOMER : GC Polyols Company Limited.
ADDRESS : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong 21150
SAMPLE SOURCE : GCP Plant
SAMPLE NAME : พื้นที่กระบวนการผลิต บริเวณที่ 2 (POP ชั้นที่ 1)
SAMPLING DATE : 05/02/2025 SAMPLE NO. : A68020043
RECEIVED DATE : 06/02/2025 SAMPLING TIME : 07:18-08:18
SAMPLING INSTRUMENT : Personal Pump Flow rate 0.10 L/min TESTED DATE : 06/02/2025-15/02/2025
Serial No. 218383 REPORTED DATE : 19/02/2025

PARAMETER*	TEST METHOD	RESULT	STD ^{1/}	UNIT
Styrene	Sorbent Adsorption, Gas	< 3.78	426	mg/m ³
	Chromatography/NIOSH 1501	< 0.89	100	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)

GPS = Sampling at UTM 47P 731258E 1405395N



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WITHOUT THE WRITTEN APPROVAL LABORATORY

Request No. ATR6802004

Report No. 6802-0044

TEST REPORT

CUSTOMER : GC Polyols Company Limited.

ADDRESS : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong 21150

SAMPLE SOURCE : GCP Plant

SAMPLE NAME : พื้นที่กระบวนการผลิต บริเวณที่ 2 (POP ชั้นที่ 1)

SAMPLING DATE : 05/02/2025 SAMPLE NO. : A68020044

RECEIVED DATE : 06/02/2025 SAMPLING TIME : 07:18-08:18

SAMPLING INSTRUMENT : Personal Pump Flow rate 0.10 L/min TESTED DATE : 06/02/2025-18/02/2025

Serial No. 218385 REPORTED DATE : 19/02/2025

PARAMETER**	TEST METHOD	RESULT ^{/2}	STD ^{/1}	UNIT
Acrylonitrile	NIOSH 1604/GC-FID	ND	4.0	mg/m ³
		ND	2.0	ppm

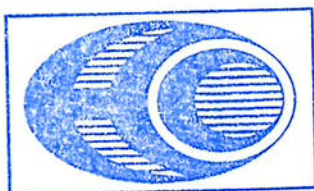
REMARK:^{/1} Notification of The Department of Labour Protection and Welfare B.E.2560 (2017), Concentration Limits of Hazardous Chemicals.^{/2} ND = Non detectable : When detection limit of Acrylonitrile is less than 0.05 mg/m³ or 0.02 ppm.

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

Sampling By Eastern Thai Consulting 1992 Co.,Ltd., (Mr. Witchawan Singto)

Analysed By SECOT Co.,Ltd.

GPS = Sampling at UTM 47P 731258E 1405395N



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Ex

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

Request No. ATR6805073

Report No. 6805-1570

TEST REPORT

CUSTOMER : GC Polyols Company Limited.

ADDRESS : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong 21150

SAMPLE SOURCE : GCP Plant

SAMPLE NAME : พื้นที่กระบวนการผลิต บริเวณที่ 2 (POP ชั้น 1)

SAMPLING DATE : 26/05/2025 SAMPLE NO. : A68051570

RECEIVED DATE : 27/05/2025 SAMPLING TIME : 09:51-10:51

SAMPLING INSTRUMENT : Personal Pump Flow rate 0.10 L/min TESTED DATE : 27/05/2025-02/06/2025

Serial No. 218391 REPORTED DATE : 10/06/2025

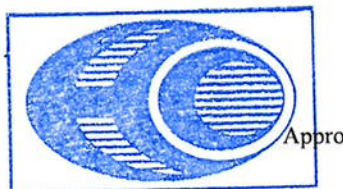
PARAMETER*	TEST METHOD	RESULT	STD ¹	UNIT
Styrene	Sorbent Adsorption, Gas	< 3.78	426	mg/m ³
	Chromatography/NIOSH 1501	< 0.89	100	ppm

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)

GPS = Sampling at UTM 47P 731258E 1405395N



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

10/06/2025

10/06/2025

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY

THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL

WITHOUT THE WRITTEN APPROVAL LABORATORY

Request No. ATR6805073

Report No. 6805-1571

TEST REPORT

CUSTOMER : GC Polyols Company Limited.

ADDRESS : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong 21150

SAMPLE SOURCE : GCP Plant

SAMPLE NAME : พื้นที่กระบวนการผลิต บริเวณที่ 2 (POP ชั้น 1)

SAMPLING DATE : 26/05/2025 SAMPLE NO. : A68051571

RECEIVED DATE : 28/05/2025 SAMPLING TIME : 09:51-10:51

SAMPLING INSTRUMENT : Personal Pump Flow rate 0.10 L/min TESTED DATE : 04/06/2025
Serial No. 218391 REPORTED DATE : 10/06/2025

PARAMETER**	TEST METHOD	RESULT ^{/2}	STD ^{/1}	UNIT
Acrylonitrile	NIOSH 1604/GC-FID	ND	4.0	mg/m ³
		ND	2.0	ppm

REMARK:

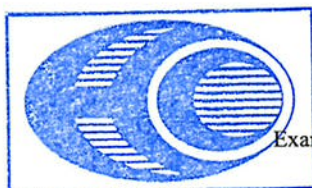
^{/1} Notification of The Department of Labour Protection and Welfare B.E.2560 (2017), Concentration Limits of Hazardous Chemicals.^{/2} ND = Non detectable : When detection limit of Acrylonitrile is less than 0.05 mg/m³ or 0.02 ppm.

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

Sampling By Eastern Thai Consulting 1992 Co.,Ltd., (Mr. Witchawan Singto)

Analysed By SECOT Co.,Ltd.

GPS = Sampling at UTM 47P 731258E 1405395N



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Request No. LA68-R0203

Report No. R6802-0044

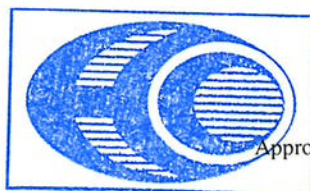
TEST REPORT

CUSTOMER : GC Polyols Company Limited
ADDRESS : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong, 21150
SAMPLE SOURCE : GCP Plant
SAMPLE POINT : บริเวณพื้นที่กระบวนการผลิต บริเวณที่ 1
PARAMETER* : L_{eq} 1 hr., L_{eq} 12 hr. & L_{max} SAMPLE NO. : 00797
DETERMINATION METHOD : ISO 11202:2010 MEASURING DATE : 05/02/2025
INSTRUMENT : Integrated Sound Level Meter ; RECEIVED DATE : 05/02/2025
S/N 00322753 : Class 2 REPORTED DATE : 06/02/2025

MEASURING TIME	RESULT		UNIT
	L_{eq} 1 hr.	L_{max}	
07:20 - 08:20	77.5	89.8	dB(A)
08:20 - 09:20	75.7	82.7	dB(A)
09:20 - 10:20	83.3	93.2	dB(A)
10:20 - 11:20	79.3	90.0	dB(A)
11:20 - 12:20	83.5	101.6	dB(A)
12:20 - 13:20	79.3	88.0	dB(A)
13:20 - 14:20	79.7	85.4	dB(A)
14:20 - 15:20	79.9	91.0	dB(A)
15:20 - 16:20	83.3	94.3	dB(A)
16:20 - 17:20	81.6	94.5	dB(A)
17:20 - 18:20	78.3	94.2	dB(A)
18:20 - 19:20	76.4	82.7	dB(A)
L_{eq} 12 hr.	80.5	—	dB(A)
Standard	$87^{/1}$	$140^{/1}, 115^{/2}$	dB(A)

REMARK : ^{/1} Notification of The Ministry of Industry B.E. 2546 (2003)^{/2} Regulation of The Ministry of Labour B.E. 2559 (2016)

* Measurement By Ms. Onanong Leewongsak



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By

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Request No. LA68-R0203

Report No. R6802-0045

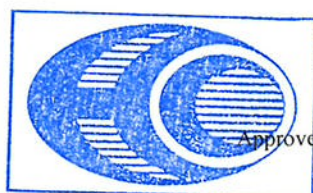
TEST REPORT

CUSTOMER : GC Polyols Company Limited
 ADDRESS : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong, 21150
 SAMPLE SOURCE : GCP Plant
 SAMPLE POINT : บริเวณพื้นที่กระบวนการผลิต บริเวณที่ 2
 PARAMETER* : L_{eq} 1 hr., L_{eq} 12 hr. & L_{max} SAMPLE NO. : 00798
 DETERMINATION METHOD : ISO 11202:2010 MEASURING DATE : 05/02/2025
 INSTRUMENT : Integrated Sound Level Meter ; RECEIVED DATE : 05/02/2025
 S/N 00322749 : Class 2 REPORTED DATE : 06/02/2025

MEASURING TIME	RESULT		UNIT
	L_{eq} 1 hr.	L_{max}	
07:10 - 08:10	68.1	78.7	dB(A)
08:10 - 09:10	70.5	82.0	dB(A)
09:10 - 10:10	68.9	82.3	dB(A)
10:10 - 11:10	68.7	87.0	dB(A)
11:10 - 12:10	78.8	101.0	dB(A)
12:10 - 13:10	67.6	80.4	dB(A)
13:10 - 14:10	68.1	79.2	dB(A)
14:10 - 15:10	68.3	82.8	dB(A)
15:10 - 16:10	68.6	91.1	dB(A)
16:10 - 17:10	67.9	80.4	dB(A)
17:10 - 18:10	67.9	81.6	dB(A)
18:10 - 19:10	67.7	79.0	dB(A)
L_{eq} 12 hr.	71.1	—	dB(A)
Standard	87 ^{/1}	140 ^{/1} , 115 ^{/2}	dB(A)

REMARK : ^{/1} Notification of The Ministry of Industry B.E. 2546 (2003)^{/2} Regulation of The Ministry of Labour B.E. 2559 (2016)

* Measurement By Ms. Onanong Leewongsak



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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Request No. LA68-R0203

Report No. R6802-0046

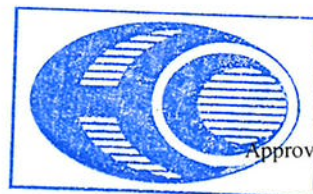
TEST REPORT

CUSTOMER : GC Polyols Company Limited
 ADDRESS : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong, 21150
 SAMPLE SOURCE : GCP Plant
 SAMPLE POINT : Raw Material Warehouse
 PARAMETER* : L_{eq} 1 hr., L_{eq} 12 hr. & L_{max} SAMPLE NO. : 00799
 DETERMINATION METHOD : ISO 11202:2010 MEASURING DATE : 05/02/2025
 INSTRUMENT : Integrated Sound Level Meter ; RECEIVED DATE : 05/02/2025
 S/N 00322755 : Class 2 REPORTED DATE : 06/02/2025

MEASURING TIME	RESULT		UNIT
	L_{eq} 1 hr.	L_{max}	
07:30 - 08:30	58.0	79.2	dB(A)
08:30 - 09:30	70.5	77.0	dB(A)
09:30 - 10:30	59.6	75.0	dB(A)
10:30 - 11:30	76.7	111.1	dB(A)
11:30 - 12:30	73.7	96.5	dB(A)
12:30 - 13:30	57.5	81.8	dB(A)
13:30 - 14:30	71.3	87.7	dB(A)
14:30 - 15:30	73.1	90.8	dB(A)
15:30 - 16:30	62.6	89.3	dB(A)
16:30 - 17:30	57.3	71.9	dB(A)
17:30 - 18:30	63.8	83.4	dB(A)
18:30 - 19:30	58.0	69.3	dB(A)
L_{eq} 12 hr.	70.1	—	dB(A)
Standard	87 ^{/1}	140 ^{/1} , 115 ^{/2}	dB(A)

REMARK : ^{/1} Notification of The Ministry of Industry B.E. 2546 (2003)^{/2} Regulation of The Ministry of Labour B.E. 2559 (2016)

* Measurement By Ms. Onanong Leewongsak



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Request No. LA68-R0203

Report No. R6802-0047

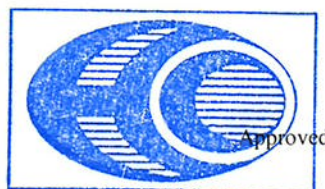
TEST REPORT

CUSTOMER : GC Polyols Company Limited
 ADDRESS : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong, 21150
 SAMPLE SOURCE : GCP Plant
 SAMPLE POINT : Product / Warehouse
 PARAMETER* : L_{eq} 1 hr., L_{eq} 12 hr. & L_{max} SAMPLE NO. : 00800
 DETERMINATION METHOD : ISO 11202:2010 MEASURING DATE : 05/02/2025
 INSTRUMENT : Integrated Sound Level Meter ; RECEIVED DATE : 05/02/2025
 S/N 00322746 : Class 2 REPORTED DATE : 06/02/2025

MEASURING TIME	RESULT		UNIT
	L_{eq} 1 hr.	L_{max}	
07:25 - 08:25	70.0	83.5	dB(A)
08:25 - 09:25	81.9	90.6	dB(A)
09:25 - 10:25	72.0	88.4	dB(A)
10:25 - 11:25	73.5	86.2	dB(A)
11:25 - 12:25	70.7	90.5	dB(A)
12:25 - 13:25	62.5	79.6	dB(A)
13:25 - 14:25	67.0	85.4	dB(A)
14:25 - 15:25	71.6	98.2	dB(A)
15:25 - 16:25	66.3	87.1	dB(A)
16:25 - 17:25	69.2	91.0	dB(A)
17:25 - 18:25	73.0	90.2	dB(A)
18:25 - 19:25	65.5	78.3	dB(A)
L_{eq} 12 hr.	73.6	—	dB(A)
Standard	87 ^{/1}	140 ^{/1} , 115 ^{/2}	dB(A)

REMARK : ^{/1} Notification of The Ministry of Industry B.E. 2546 (2003)^{/2} Regulation of The Ministry of Labour B.E. 2559 (2016)

* Measurement By Ms. Onanong Leewongsak



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Request No. LA68-R0392

Report No. R6803-2119

TEST REPORT

CUSTOMER : GC Polyols Company Limited

ADDRESS : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong 21150

SAMPLE SOURCE : GCP Plant

SAMPLE POINT : บริเวณพื้นที่กระบวนการผลิต Shift A (Morning Shift) (PPG) (จุดติดตั้งเครื่องวัดเสียง ID 26008282)

MEASURING DATE : 13/03/2025 SAMPLE NO. : 04574

RECEIVED DATE : 19/03/2025 SAMPLING TIME : 07:00-19:00

SAMPLING INSTRUMENT : Noise dosimeter : S/N CA8886 REPORTED DATE : 31/03/2025

PARAMETER*	RESULT	STANDARD	UNIT
Time weighted average level (12-hr TWA) [#]	80.1	83 ^{/1}	dB(A)
L _{max} 12 hr	107.0	115 ^{/3}	dB(A)
12 Hour dose	48.31	100 ^{/2}	%
Time weighted average level (8-hr TWA) [#]	81.8	85 ^{/1}	dB(A)

REMARK :

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

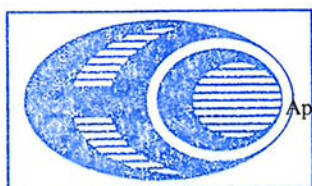
^{/2} Standard of National Institute for Occupational Safety and Health, Occupational Noise Exposure Revised Criteria 1998

^{/3} Regulation of The Ministry of Labour B.E. 2559 (2016)

[#] Based on Criteria 85 dB(A) ; 3 dB Exchange Rate

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

(Measurement By Ms. Pornnapha Phongphet)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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Request No. LA68-R0392

Report No. R6803-2120

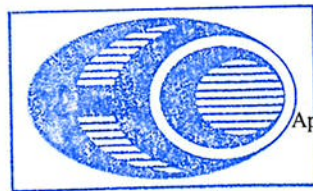
TEST REPORT

CUSTOMER : GC Polyols Company Limited
ADDRESS : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong 21150
SAMPLE SOURCE : GCP Plant
SAMPLE POINT : บริเวณพื้นที่กระบวนการผลิต Shift A (Morning Shift) (PPG) (คุณฐากร เสงฆะกุล ID 26008297)
MEASURING DATE : 13/03/2025 SAMPLE NO. : 04575
RECEIVED DATE : 19/03/2025 SAMPLING TIME : 07:00-19:00
SAMPLING INSTRUMENT : Noise dosimeter : S/N CB1500 REPORTED DATE : 31/03/2025

PARAMETER*	RESULT	STANDARD	UNIT
Time weighted average level (12-hr TWA) [#]	73.6	83 ^{/1}	dB(A)
L _{max} 12 hr	96.2	115 ^{/3}	dB(A)
12 Hour dose	10.87	100 ^{/2}	%
Time weighted average level (8-hr TWA) [#]	75.4	85 ^{/1}	dB(A)

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
- ^{/3} Regulation of The Ministry of Labour B.E. 2559 (2016)
- [#] Based on Criteria 85 dB(A) ; 3 dB Exchange Rate
- * Parameter have License Registration of Department of Labour Protection and Welfare No. 0403-03-2564-0009
(Measurement By Ms. Pornnapha Phongphet)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved

31/03/2025

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Request No. LA68-R0392

Report No. R6803-2123

TEST REPORT

CUSTOMER : GC Polyols Company Limited

ADDRESS : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong 21150

SAMPLE SOURCE : GCP Plant

SAMPLE POINT : บริเวณพื้นที่กระบวนการผลิต Shift A (Morning Shift) (Manager) (คู่มืออาชีพ เพื่อกทอ ID 26008321)

MEASURING DATE : 13/03/2025 SAMPLE NO. : 04578

RECEIVED DATE : 19/03/2025 SAMPLING TIME : 07:00-19:00

SAMPLING INSTRUMENT : Noise dosimeter : S/N CA8887 REPORTED DATE : 31/03/2025

PARAMETER*	RESULT	STANDARD	UNIT
Time weighted average level (12-hr TWA) [#]	72.5	83 ^{/1}	dB(A)
L _{max} 12 hr	89.9	115 ^{/3}	dB(A)
12 Hour dose	8.45	100 ^{/2}	%
Time weighted average level (8-hr TWA) [#]	74.3	85 ^{/1}	dB(A)

REMARK :

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

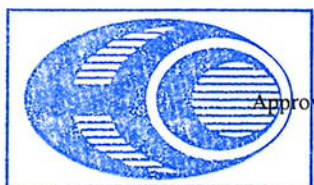
^{/2} Standard of National Institute for Occupational Safety and Health, Occupational Noise Exposure Revised Criteria 1998

^{/3} Regulation of The Ministry of Labour B.E. 2559 (2016)

[#] Based on Criteria 85 dB(A) ; 3 dB Exchange Rate

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

(Measurement By Ms. Pornnapha Phongphet)



Approved

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

31/03/2025

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Request No. LA68-R0392

Report No. R6803-2130

TEST REPORT

CUSTOMER : GC Polyols Company Limited

ADDRESS : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong 21150

SAMPLE SOURCE : GCP Plant

SAMPLE POINT : บริเวณพื้นที่กระบวนการผลิต Shift A (Morning Shift) (POP) (คุณฉวีวุฒิ พันธุ์ทอง ID 26008289)

MEASURING DATE : 14/03/2025 SAMPLE NO. : 04585

RECEIVED DATE : 19/03/2025 SAMPLING TIME : 07:00-19:00

SAMPLING INSTRUMENT : Noise dosimeter : S/N CA8888 REPORTED DATE : 31/03/2025

PARAMETER*	RESULT	STANDARD	UNIT
Time weighted average level (12-hr TWA) [#]	80.2	83 ^{/1}	dB(A)
L _{max} 12 hr	95.6	115 ^{/3}	dB(A)
12 Hour dose	49.37	100 ^{/2}	%
Time weighted average level (8-hr TWA) [#]	81.9	85 ^{/1}	dB(A)

REMARK :

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

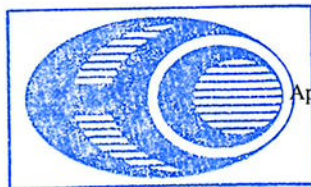
^{/2} Standard of National Institute for Occupational Safety and Health, Occupational Noise Exposure Revised Criteria 1998

^{/3} Regulation of The Ministry of Labour B.E. 2559 (2016)

[#] Based on Criteria 85 dB(A) ; 3 dB Exchange Rate

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

(Measurement By Ms. Pornnapa Phongphet)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved

31/03/2025

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Request No. LA68-R0392

Report No. R6803-2128

TEST REPORT

CUSTOMER : GC Polyols Company Limited
ADDRESS : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong 21150
SAMPLE SOURCE : GCP Plant
SAMPLE POINT : บริเวณพื้นที่กระบวนการผลิต Shift A (Morning Shift) (PPG) (คุณณัฐวุฒิ ดิษฐา ID 26008288)
MEASURING DATE : 14/03/2025 SAMPLE NO. : 04583
RECEIVED DATE : 19/03/2025 SAMPLING TIME : 07:00-19:00
SAMPLING INSTRUMENT : Noise dosimeter : S/N CB1497 REPORTED DATE : 31/03/2025

PARAMETER*	RESULT	STANDARD	UNIT
Time weighted average level (12-hr TWA) [#]	79.2	83 ^{/1}	dB(A)
L _{max} 12 hr	91.8	115 ^{/3}	dB(A)
12 Hour dose	39.47	100 ^{/2}	%
Time weighted average level (8-hr TWA) [#]	81.0	85 ^{/1}	dB(A)

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
- ^{/3} Regulation of The Ministry of Labour B.E. 2559 (2016)
- [#] Based on Criteria 85 dB(A) ; 3 dB Exchange Rate
- * Parameter have License Registration of Department of Labour Protection and Welfare No. 0403-03-2564-0009
(Measurement By Ms. Pornnapha Phongphet)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved

31/03/2025

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Request No. LA68-R06100

Report No. R6806-3905

TEST REPORT

CUSTOMER : GC Polyols Company Limited

ADDRESS : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong 21150

SAMPLE SOURCE : GCP Plant

SAMPLE POINT : บริเวณพื้นที่กระบวนการผลิต Shift A (Morning Shift) (อุณหภูมิห้อง พูลสวัสดิ์ ID 26008310)

MEASURING DATE : 17/06/2025 SAMPLE NO. : 18096

RECEIVED DATE : 20/06/2025 SAMPLING TIME : 07:00-19:00

SAMPLING INSTRUMENT : Noise dosimeter : S/N CA8886 REPORTED DATE : 24/06/2025

PARAMETER*	RESULT	STANDARD	UNIT
Time weighted average level (12-hr TWA) [#]	60.7	83 ^{/1}	dB(A)
L _{max} 12 hr	83.6	115 ^{/3}	dB(A)
12 Hour dose	0.56	100 ^{/2}	%
Time weighted average level (8-hr TWA) [#]	62.5	85 ^{/1}	dB(A)

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

^{/3} Regulation of The Ministry of Labour B.E. 2559 (2016)

[#] Based on Criteria 85 dB(A) ; 3 dB Exchange Rate

* Parameter have License Registration of Department of Labour Protection and Welfare No. 0403-03-2564-0009
(Measurement By Ms. Jutarat Suksaget)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY

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Request No. LA68-R06135

Report No. R6806-5002

TEST REPORT

CUSTOMER : GC Polyols Company Limited

ADDRESS : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong 21150

SAMPLE SOURCE : GCP Plant

SAMPLE POINT : บริเวณพื้นที่กระบวนการผลิต Shift A (Morning Shift) (คุณเชียรธานี ชุ่มผา ID 26008299)

MEASURING DATE : 23/06/2025 SAMPLE NO. : 19198

RECEIVED DATE : 23/06/2025 SAMPLING TIME : 07:00-19:00

SAMPLING INSTRUMENT : Noise dosimeter : S/N CB1365 REPORTED DATE : 30/06/2025

PARAMETER*	RESULT	STANDARD	UNIT
Time weighted average level (12-hr TWA) [#]	62.9	83 ^{/1}	dB(A)
L _{max} 12 hr	82.4	115 ^{/3}	dB(A)
12 Hour dose	0.92	100 ^{/2}	%
Time weighted average level (8-hr TWA) [#]	64.6	85 ^{/1}	dB(A)

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

^{/3} Regulation of The Ministry of Labour B.E. 2559 (2016)

[#] Based on Criteria 85 dB(A) ; 3 dB Exchange Rate

* Parameter have License Registration of Department of Labour Protection and Welfare No. 0403-03-2564-0009
(Measurement By Ms. Savita Kittinoavarat)



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Request No. LA68-R06135

Report No. R6806-5003

TEST REPORT

CUSTOMER : GC Polyols Company Limited

ADDRESS : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong 21150

SAMPLE SOURCE : GCP Plant

SAMPLE POINT : บริเวณพื้นที่กระบวนการผลิต Shift A (Morning Shift) (คุณพัชรณัฐ แดงสัตรู ID 26008307)

MEASURING DATE : 23/06/2025 SAMPLE NO. : 19199

RECEIVED DATE : 23/06/2025 SAMPLING TIME : 07:00-19:00

SAMPLING INSTRUMENT : Noise dosimeter : S/N CB1497 REPORTED DATE : 30/06/2025

PARAMETER*	RESULT	STANDARD	UNIT
Time weighted average level (12-hr TWA) [#]	57.2	83 ^{/1}	dB(A)
L _{max} 12 hr	83.9	115 ^{/3}	dB(A)
12 Hour dose	0.25	100 ^{/2}	%
Time weighted average level (8-hr TWA) [#]	59.0	85 ^{/1}	dB(A)

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

^{/3} Regulation of The Ministry of Labour B.E. 2559 (2016)

[#] Based on Criteria 85 dB(A) ; 3 dB Exchange Rate

* Parameter have License Registration of Department of Labour Protection and Welfare No. 0403-03-2564-0009
(Measurement By Ms. Savita Kittinoavarat)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

30/06/2025

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WITHOUT THE WRITTEN APPROVAL LABORATORY

Request No. LA68-R07101

Report No. R6807-5780

TEST REPORT

CUSTOMER : GC Polyols Company Limited

ADDRESS : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong 21150

SAMPLE SOURCE : GCP Plant

SAMPLE POINT : บริเวณพื้นที่กระบวนการผลิต Shift A (Morning Shift) (คุณยุทธนา ยืนยงวิวัฒน์ชัย ID 26008320)

MEASURING DATE : 21/07/2025 SAMPLE NO. : 25508

RECEIVED DATE : 21/07/2025 SAMPLING TIME : 07:00-19:00

SAMPLING INSTRUMENT : Noise dosimeter : S/N CB1498 REPORTED DATE : 23/07/2025

PARAMETER*	RESULT	STANDARD	UNIT
Time weighted average level (12-hr TWA) [#]	63.3	83 ^{/1}	dB(A)
L _{max} 12 hr	86.6	115 ^{/3}	dB(A)
12 Hour dose	1.00	100 ^{/2}	%
Time weighted average level (8-hr TWA) [#]	65.0	85 ^{/1}	dB(A)

REMARK :

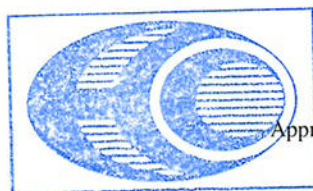
^{/1} Notification of The Department of Labour Protection and Welfare B.E. 2561 (2018)

^{/2} Standard of National Institute for Occupational Safety and Health, Occupational Noise Exposure Revised Criteria 1998

^{/3} Regulation of The Ministry of Labour B.E. 2559 (2016)

[#] Based on Criteria 85 dB(A) ; 3 dB Exchange Rate

* Parameter have License Registration of Department of Labour Protection and Welfare No. 0403-03-2564-0009
(Measurement By Ms. Savita Kittinoavarat)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

23/07/2025

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Request No. LA68-R0392

Report No. R6803-2131

TEST REPORT

CUSTOMER : GC Polyols Company Limited
ADDRESS : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong 21150
SAMPLE SOURCE : GCP Plant
SAMPLE POINT : บริเวณพื้นที่กระบวนการผลิต Shift B (Morning Shift) (PPG) (จุดมาโนช ดีพร้อมใจ ID 26008285)
MEASURING DATE : 17/03/2025 SAMPLE NO. : 04586
RECEIVED DATE : 19/03/2025 SAMPLING TIME : 07:00-19:00
SAMPLING INSTRUMENT : Noise dosimeter : S/N CB1497 REPORTED DATE : 31/03/2025

PARAMETER*	RESULT	STANDARD	UNIT
Time weighted average level (12-hr TWA) [#]	80.4	83 ^{/1}	dB(A)
L _{max} 12 hr	96.4	115 ^{/3}	dB(A)
12 Hour dose	51.73	100 ^{/2}	%
Time weighted average level (8-hr TWA) [#]	82.1	85 ^{/1}	dB(A)

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
^{/3} Regulation of The Ministry of Labour B.E. 2559 (2016)
[#] Based on Criteria 85 dB(A) ; 3 dB Exchange Rate
* Parameter have License Registration of Department of Labour Protection and Welfare No. 0403-03-2564-0009
(Measurement By Ms. Pornnapha Phongphet)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By

31/03/2025

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Request No. LA68-R0392

Report No. R6803-2132

TEST REPORT

CUSTOMER : GC Polyols Company Limited

ADDRESS : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong 21150

SAMPLE SOURCE : GCP Plant

SAMPLE POINT : บริเวณพื้นที่กระบวนการผลิต Shift B (Morning Shift) (PPG) (คุณจิราพงศ์ บุญน้อย ID 26008280)

MEASURING DATE : 17/03/2025 SAMPLE NO. : 04587

RECEIVED DATE : 19/03/2025 SAMPLING TIME : 07:00-19:00

SAMPLING INSTRUMENT : Noise dosimeter : S/N CB1499 REPORTED DATE : 31/03/2025

PARAMETER*	RESULT	STANDARD	UNIT
Time weighted average level (12-hr TWA) [#]	81.8	83 ^{/1}	dB(A)
L _{max} 12 hr	109.2	115 ^{/3}	dB(A)
12 Hour dose	71.39	100 ^{/2}	%
Time weighted average level (8-hr TWA) [#]	83.5	85 ^{/1}	dB(A)

REMARK :

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

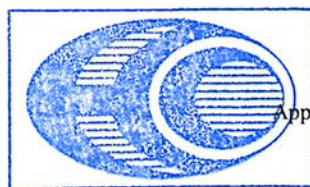
^{/2} Standard of National Institute for Occupational Safety and Health, Occupational Noise Exposure Revised Criteria 1998

^{/3} Regulation of The Ministry of Labour B.E. 2559 (2016)

[#] Based on Criteria 85 dB(A) ; 3 dB Exchange Rate

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

(Measurement By Ms. Pornnapa Phongphet)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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Request No. LA68-R0392

Report No. R6803-2133

TEST REPORT

CUSTOMER : GC Polyols Company Limited

ADDRESS : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong 21150

SAMPLE SOURCE : GCP Plant

SAMPLE POINT : บริเวณพื้นที่กระบวนการผลิต Shift B (Morning Shift) (PPG) (คุณกิจจา อุณหะจักร ID 26008283)

MEASURING DATE : 17/03/2025 SAMPLE NO. : 04588

RECEIVED DATE : 19/03/2025 SAMPLING TIME : 07:00-19:00

SAMPLING INSTRUMENT : Noise dosimeter : S/N CB1500 REPORTED DATE : 31/03/2025

PARAMETER*	RESULT	STANDARD	UNIT
Time weighted average level (12-hr TWA) [#]	78.4	83 ^{/1}	dB(A)
L _{max} 12 hr	90.7	115 ^{/3}	dB(A)
12 Hour dose	33.07	100 ^{/2}	%
Time weighted average level (8-hr TWA) [#]	80.2	85 ^{/1}	dB(A)

REMARK :

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

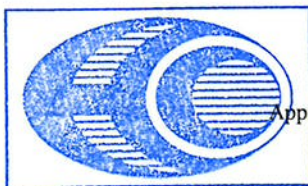
^{/2} Standard of National Institute for Occupational Safety and Health, Occupational Noise Exposure Revised Criteria 1998

^{/3} Regulation of The Ministry of Labour B.E. 2559 (2016)

[#] Based on Criteria 85 dB(A) ; 3 dB Exchange Rate

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

(Measurement By Ms. Pornnapa Phongphet)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By

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Request No. LA68-R0392

Report No. R6803-2134

TEST REPORT

CUSTOMER : GC Polyols Company Limited

ADDRESS : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong 21150

SAMPLE SOURCE : GCP Plant

SAMPLE POINT : บริเวณพื้นที่กระบวนการผลิต Shift B (Morning Shift) (POP) (คุณธีรณัย เรียนมัน ID 26008300)

MEASURING DATE : 17/03/2025 SAMPLE NO. : 04589

RECEIVED DATE : 19/03/2025 SAMPLING TIME : 07:00-19:00

SAMPLING INSTRUMENT : Noise dosimeter : S/N CB1498 REPORTED DATE : 31/03/2025

PARAMETER*	RESULT	STANDARD	UNIT
Time weighted average level (12-hr TWA) [#]	79.5	83 ^{/1}	dB(A)
L _{max} 12 hr	97.9	115 ^{/3}	dB(A)
12 Hour dose	42.04	100 ^{/2}	%
Time weighted average level (8-hr TWA) [#]	81.2	85 ^{/1}	dB(A)

REMARK :

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

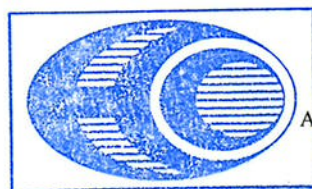
^{/2} Standard of National Institute for Occupational Safety and Health, Occupational Noise Exposure Revised Criteria 1998

^{/3} Regulation of The Ministry of Labour B.E. 2559 (2016)

[#] Based on Criteria 85 dB(A) ; 3 dB Exchange Rate

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

(Measurement By Ms. Pornnapha Phongphet)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

31/03/2025

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Request No. LA68-R0392

Report No. R6803-2135

TEST REPORT

CUSTOMER : GC Polyols Company Limited

ADDRESS : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong 21150

SAMPLE SOURCE : GCP Plant

SAMPLE POINT : บริเวณพื้นที่กระบวนการผลิต Shift B (Morning Shift) (Manager) (คุณกวิณ แก่นจันทร์ ID 26008090)

MEASURING DATE : 17/03/2025 SAMPLE NO. : 04590

RECEIVED DATE : 19/03/2025 SAMPLING TIME : 07:00-19:00

SAMPLING INSTRUMENT : Noise dosimeter : S/N CB1365 REPORTED DATE : 31/03/2025

PARAMETER*	RESULT	STANDARD	UNIT
Time weighted average level (12-hr TWA) [#]	77.0	83 ^{/1}	dB(A)
L _{max} 12 hr	90.2	115 ^{/3}	dB(A)
12 Hour dose	23.88	100 ^{/2}	%
Time weighted average level (8-hr TWA) [#]	78.8	85 ^{/1}	dB(A)

REMARK :

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

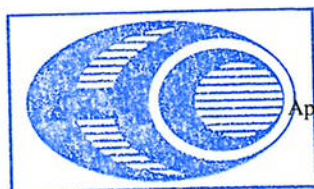
^{/2} Standard of National Institute for Occupational Safety and Health, Occupational Noise Exposure Revised Criteria 1998

^{/3} Regulation of The Ministry of Labour B.E. 2559 (2016)

[#] Based on Criteria 85 dB(A) ; 3 dB Exchange Rate

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

(Measurement By Ms. Pornnapa Phongphet)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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Request No. LA68-R06100

Report No. R6806-3908

TEST REPORT

CUSTOMER : GC Polyols Company Limited

ADDRESS : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong 21150

SAMPLE SOURCE : GCP Plant

SAMPLE POINT : บริเวณพื้นที่กระบวนการผลิต Shift B (Morning Shift) (คุณธีรยุทธ ทิพย์ชาติ ID 26008317)

MEASURING DATE : 18/06/2025 SAMPLE NO. : 18099

RECEIVED DATE : 20/06/2025 SAMPLING TIME : 07:00-19:00

SAMPLING INSTRUMENT : Noise dosimeter : S/N CA8879 REPORTED DATE : 24/06/2025

PARAMETER*	RESULT	STANDARD	UNIT
Time weighted average level (12-hr TWA) [#]	60.9	83 ^{/1}	dB(A)
L _{max} 12 hr	87.5	115 ^{/3}	dB(A)
12 Hour dose	0.58	100 ^{/2}	%
Time weighted average level (8-hr TWA) [#]	62.6	85 ^{/1}	dB(A)

REMARK :

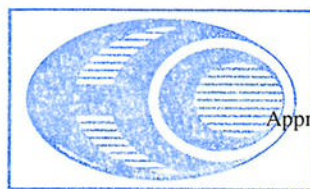
^{/1} Notification of The Department of Labour Protection and Welfare B.E. 2561 (2018)

^{/2} Standard of National Institute for Occupational Safety and Health, Occupational Noise Exposure Revised Criteria 1998

^{/3} Regulation of The Ministry of Labour B.E. 2559 (2016)

[#] Based on Criteria 85 dB(A) ; 3 dB Exchange Rate

* Parameter have License Registration of Department of Labour Protection and Welfare No. 0403-03-2564-0009
(Measurement By Ms. Jutarat Suksaget)



บริษัท อีสเทิร์น ไทย คอนซัลติ้ง 1992 จำกัด

Approved By

24/06/2025

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Request No. LA68-R06100

Report No. R6806-3909

TEST REPORT

CUSTOMER : GC Polyols Company Limited

ADDRESS : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong 21150

SAMPLE SOURCE : GCP Plant

SAMPLE POINT : บริเวณพื้นที่กระบวนการผลิต Shift B (Morning Shift) (คุณสุระชัย พันธุ์สะอาด ID 26008316)

MEASURING DATE : 18/06/2025 SAMPLE NO. : 18100

RECEIVED DATE : 20/06/2025 SAMPLING TIME : 07:00-19:00

SAMPLING INSTRUMENT : Noise dosimeter : S/N CA8886 REPORTED DATE : 24/06/2025

PARAMETER*	RESULT	STANDARD	UNIT
Time weighted average level (12-hr TWA) [#]	61.9	83 ^{/1}	dB(A)
L _{max} 12 hr	86.0	115 ^{/3}	dB(A)
12 Hour dose	0.74	100 ^{/2}	%
Time weighted average level (8-hr TWA) [#]	63.7	85 ^{/1}	dB(A)

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

^{/3} Regulation of The Ministry of Labour B.E. 2559 (2016)

[#] Based on Criteria 85 dB(A) ; 3 dB Exchange Rate

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

(Measurement By Ms. Jutarat Suksaget)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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Request No. LA68-R06100

Report No. R6806-3910

TEST REPORT

CUSTOMER : GC Polyols Company Limited

ADDRESS : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong 21150

SAMPLE SOURCE : GCP Plant

SAMPLE POINT : บริเวณพื้นที่กระบวนการผลิต Shift B (Morning Shift) (คุณมรกต ศรีสุธา ID 26008311)

MEASURING DATE : 18/06/2025 SAMPLE NO. : 18101

RECEIVED DATE : 20/06/2025 SAMPLING TIME : 07:00-19:00

SAMPLING INSTRUMENT : Noise dosimeter : S/N CA8888 REPORTED DATE : 24/06/2025

PARAMETER*	RESULT	STANDARD	UNIT
Time weighted average level (12-hr TWA) [#]	66.7	83 ^{/1}	dB(A)
L _{max} 12 hr	85.3	115 ^{/3}	dB(A)
12 Hour dose	2.20	100 ^{/2}	%
Time weighted average level (8-hr TWA) [#]	68.4	85 ^{/1}	dB(A)

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

^{/3} Regulation of The Ministry of Labour B.E. 2559 (2016)

[#] Based on Criteria 85 dB(A) ; 3 dB Exchange Rate

* Parameter have License Registration of Department of Labour Protection and Welfare No. 0403-03-2564-0009
(Measurement By Ms. Jutarat Suksaget)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY

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Request No. LA68-R0789

Report No. R6807-5568

TEST REPORT

CUSTOMER : GC Polyols Company Limited

ADDRESS : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong 21150

SAMPLE SOURCE : GCP Plant

SAMPLE POINT : บริเวณพื้นที่กระบวนการผลิต Shift B (Morning Shift) (จุดวัด ปุ่มมือ ID 26008314)

MEASURING DATE : 16/07/2025 SAMPLE NO. : 25296

RECEIVED DATE : 16/07/2025 SAMPLING TIME : 07:00-19:00

SAMPLING INSTRUMENT : Noise dosimeter : S/N CB0641 REPORTED DATE : 19/07/2025

PARAMETER*	RESULT	STANDARD	UNIT
Time weighted average level (12-hr TWA) [#]	60.4	83 ^{/1}	dB(A)
L _{max} 12 hr	79.2	115 ^{/3}	dB(A)
12 Hour dose	0.52	100 ^{/2}	%
Time weighted average level (8-hr TWA) [#]	62.2	85 ^{/1}	dB(A)

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

^{/3} Regulation of The Ministry of Labour B.E. 2559 (2016)

[#] Based on Criteria 85 dB(A) ; 3 dB Exchange Rate

* Parameter have License Registration of Department of Labour Protection and Welfare No. 0403-03-2564-0009
(Measurement By Ms. Onanong Leewongsak)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY

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Request No. LA68-R0392

Report No. R6803-2122

TEST REPORT

CUSTOMER : GC Polyols Company Limited

ADDRESS : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong 21150

SAMPLE SOURCE : GCP Plant

SAMPLE POINT : บริเวณพื้นที่กระบวนการผลิต Shift C (Morning Shift) (POP) (คุณประวัฒน์ มุ่งตุลารักษ์ ID 26008293)

MEASURING DATE : 13/03/2025 SAMPLE NO. : 04577

RECEIVED DATE : 19/03/2025 SAMPLING TIME : 07:00-19:00

SAMPLING INSTRUMENT : Noise dosimeter : S/N CA8879 REPORTED DATE : 31/03/2025

PARAMETER*	RESULT	STANDARD	UNIT
Time weighted average level (12-hr TWA) [#]	77.6	83 ^{/1}	dB(A)
L _{max} 12 hr	95.1	115 ^{/3}	dB(A)
12 Hour dose	27.13	100 ^{/2}	%
Time weighted average level (8-hr TWA) [#]	79.3	85 ^{/1}	dB(A)

REMARK :

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

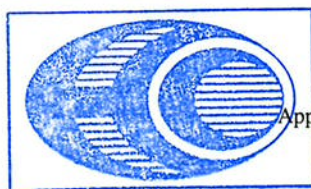
^{/2} Standard of National Institute for Occupational Safety and Health, Occupational Noise Exposure Revised Criteria 1998

^{/3} Regulation of The Ministry of Labour B.E. 2559 (2016)

[#] Based on Criteria 85 dB(A) ; 3 dB Exchange Rate

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

(Measurement By Ms. Pornnapa Phongphet)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved

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Request No. LA68-R0392

Report No. R6803-2136

TEST REPORT

CUSTOMER : GC Polyols Company Limited

ADDRESS : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong 21150

SAMPLE SOURCE : GCP Plant

SAMPLE POINT : บริเวณพื้นที่กระบวนการผลิต Shift C (Morning Shift) (POP) (คุณพิสิษฐ์ กตัญญู ID 26008291)

MEASURING DATE : 17/03/2025 SAMPLE NO. : 04591

RECEIVED DATE : 19/03/2025 SAMPLING TIME : 07:00-19:00

SAMPLING INSTRUMENT : Noise dosimeter : S/N CA8886 REPORTED DATE : 31/03/2025

PARAMETER*	RESULT	STANDARD	UNIT
Time weighted average level (12-hr TWA) [#]	78.4	83 ^{/1}	dB(A)
L _{max} 12 hr	94.0	115 ^{/3}	dB(A)
12 Hour dose	32.65	100 ^{/2}	%
Time weighted average level (8-hr TWA) [#]	80.1	85 ^{/1}	dB(A)

REMARK :

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

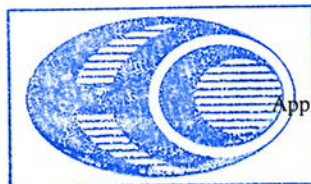
^{/2} Standard of National Institute for Occupational Safety and Health, Occupational Noise Exposure Revised Criteria 1998

^{/3} Regulation of The Ministry of Labour B.E. 2559 (2016)

[#] Based on Criteria 85 dB(A) ; 3 dB Exchange Rate

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

(Measurement By Ms. Pornnapa Phongphet)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

31/03/2025

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Request No. LA68-R0392

Report No. R6803-2137

TEST REPORT

CUSTOMER : GC Polyols Company Limited

ADDRESS : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong 21150

SAMPLE SOURCE : GCP Plant

SAMPLE POINT : บริเวณพื้นที่กระบวนการผลิต Shift C (Morning Shift) (PPG) (คุณเมธากุล ไชยพันธ์ ID 26008286)

MEASURING DATE : 19/03/2025 SAMPLE NO. : 04592

RECEIVED DATE : 19/03/2025 SAMPLING TIME : 07:00-19:00

SAMPLING INSTRUMENT : Noise dosimeter : S/N CB1365 REPORTED DATE : 31/03/2025

PARAMETER*	RESULT	STANDARD	UNIT
Time weighted average level (12-hr TWA) [#]	70.2	83 ^{/1}	dB(A)
L _{max} 12 hr	90.4	115 ^{/3}	dB(A)
12 Hour dose	5.00	100 ^{/2}	%
Time weighted average level (8-hr TWA) [#]	72.0	85 ^{/1}	dB(A)

REMARK :

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

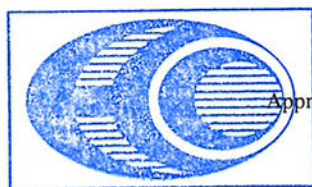
^{/2} Standard of National Institute for Occupational Safety and Health, Occupational Noise Exposure Revised Criteria 1998

^{/3} Regulation of The Ministry of Labour B.E. 2559 (2016)

[#] Based on Criteria 85 dB(A) ; 3 dB Exchange Rate

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

(Measurement By Ms. Pornnapha Phongphet)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY

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Request No. LA68-R0392

Report No. R6803-2139

TEST REPORT

CUSTOMER : GC Polyols Company Limited

ADDRESS : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong 21150

SAMPLE SOURCE : GCP Plant

SAMPLE POINT : บริเวณพื้นที่กระบวนการผลิต Shift C (Morning Shift) (Manager) (คุณสมบัติเช็ค ID 26008093)

MEASURING DATE : 19/03/2025 SAMPLE NO. : 04594

RECEIVED DATE : 19/03/2025 SAMPLING TIME : 07:00-19:00

SAMPLING INSTRUMENT : Noise dosimeter : S/N CB1498 REPORTED DATE : 31/03/2025

PARAMETER*	RESULT	STANDARD	UNIT
Time weighted average level (12-hr TWA) [#]	75.8	83 ^{/1}	dB(A)
L _{max} 12 hr	89.9	115 ^{/3}	dB(A)
12 Hour dose	18.00	100 ^{/2}	%
Time weighted average level (8-hr TWA) [#]	77.6	85 ^{/1}	dB(A)

REMARK :

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

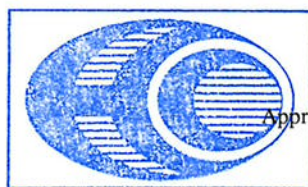
^{/2} Standard of National Institute for Occupational Safety and Health, Occupational Noise Exposure Revised Criteria 1998

^{/3} Regulation of The Ministry of Labour B.E. 2559 (2016)

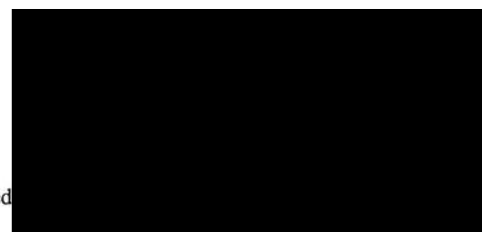
[#] Based on Criteria 85 dB(A) ; 3 dB Exchange Rate

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

(Measurement By Ms. Pornnapa Phongphet)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด



(MS. THANATPORN KLINSOPON)

31/03/2025

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Request No. LA68-R06100

Report No. R6806-3911

TEST REPORT

CUSTOMER : GC Polyols Company Limited

ADDRESS : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong 21150

SAMPLE SOURCE : GCP Plant

SAMPLE POINT : บริเวณพื้นที่กระบวนการผลิต Shift C (Morning Shift) (จุดตรวจพักขมมน ท่อสุญ ID 26008319)

MEASURING DATE : 20/06/2025 SAMPLE NO. : 18102

RECEIVED DATE : 20/06/2025 SAMPLING TIME : 07:00-19:00

SAMPLING INSTRUMENT : Noise dosimeter : S/N CB0957 REPORTED DATE : 24/06/2025

PARAMETER*	RESULT	STANDARD	UNIT
Time weighted average level (12-hr TWA) [#]	70.2	83 ^{/1}	dB(A)
L _{max} 12 hr	90.5	115 ^{/3}	dB(A)
12 Hour dose	4.97	100 ^{/2}	%
Time weighted average level (8-hr TWA) [#]	72.0	85 ^{/1}	dB(A)

REMARK :

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

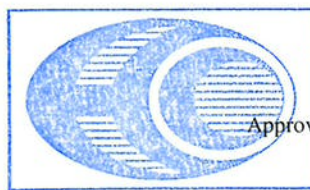
^{/2} Standard of National Institute for Occupational Safety and Health, Occupational Noise Exposure Revised Criteria 1998

^{/3} Regulation of The Ministry of Labour B.E. 2559 (2016)

[#] Based on Criteria 85 dB(A) ; 3 dB Exchange Rate

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

(Measurement By Ms. Jutarat Suksaget)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By

24/06/2025

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Request No. LA68-R06100

Report No. R6806-3912

TEST REPORT

CUSTOMER : GC Polyols Company Limited
ADDRESS : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong 21150
SAMPLE SOURCE : GCP Plant
SAMPLE POINT : บริเวณพื้นที่กระบวนการผลิต Shift C (Morning Shift) (คุณพิเชษฐ์ ปัญญา ID 26008327)
MEASURING DATE : 20/06/2025 SAMPLE NO. : 18103
RECEIVED DATE : 20/06/2025 SAMPLING TIME : 07:00-19:00
SAMPLING INSTRUMENT : Noise dosimeter : S/N CB0956 REPORTED DATE : 24/06/2025

PARAMETER*	RESULT	STANDARD	UNIT
Time weighted average level (12-hr TWA) [#]	66.8	83 ^{/1}	dB(A)
L _{max} 12 hr	83.9	115 ^{/3}	dB(A)
12 Hour dose	2.29	100 ^{/2}	%
Time weighted average level (8-hr TWA) [#]	68.6	85 ^{/1}	dB(A)

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
- ^{/3} Regulation of The Ministry of Labour B.E. 2559 (2016)
- [#] Based on Criteria 85 dB(A) ; 3 dB Exchange Rate
- * Parameter have License Registration of Department of Labour Protection and Welfare No. 0403-03-2564-0009
(Measurement By Ms. Jutarat Suksaget)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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Request No. LA68-R06100

Report No. R6806-3913

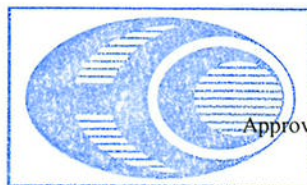
TEST REPORT

CUSTOMER : GC Polyols Company Limited
ADDRESS : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong 21150
SAMPLE SOURCE : GCP Plant
SAMPLE POINT : บริเวณพื้นที่กระบวนการผลิต Shift C (Morning Shift) (จุดอ่านนทรี โคมส์อ้างอิง ID 26008276)
MEASURING DATE : 20/06/2025 SAMPLE NO. : 18104
RECEIVED DATE : 20/06/2025 SAMPLING TIME : 07:00-19:00
SAMPLING INSTRUMENT : Noise dosimeter : S/N CB0955 REPORTED DATE : 24/06/2025

PARAMETER*	RESULT	STANDARD	UNIT
Time weighted average level (12-hr TWA) [#]	70.9	83 ^{/1}	dB(A)
L _{max} 12 hr	90.6	115 ^{/3}	dB(A)
12 Hour dose	5.86	100 ^{/2}	%
Time weighted average level (8-hr TWA) [#]	72.7	85 ^{/1}	dB(A)

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
- ^{/3} Regulation of The Ministry of Labour B.E. 2559 (2016)
- [#] Based on Criteria 85 dB(A) ; 3 dB Exchange Rate
- * Parameter have License Registration of Department of Labour Protection and Welfare No. 0403-03-2564-0009
(Measurement By Ms. Jutarat Suksaget)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By

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WITHOUT THE WRITTEN APPROVAL LABORATORY

Request No. LA68-R07100

Report No. R6807-5779

TEST REPORT

CUSTOMER : GC Polyols Company Limited

ADDRESS : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong 21150

SAMPLE SOURCE : GCP Plant

SAMPLE POINT : บริเวณพื้นที่กระบวนการผลิต Shift C (Morning Shift) (จุดกนกพล สถานี ID 26008308)

MEASURING DATE : 18/07/2025 SAMPLE NO. : 25507

RECEIVED DATE : 18/07/2025 SAMPLING TIME : 07:00-19:00

SAMPLING INSTRUMENT : Noise dosimeter : S/N CB1497 REPORTED DATE : 23/07/2025

PARAMETER*	RESULT	STANDARD	UNIT
Time weighted average level (12-hr TWA) [#]	71.8	83 ^{/1}	dB(A)
L _{max} 12 hr	94.0	115 ^{/3}	dB(A)
12 Hour dose	7.25	100 ^{/2}	%
Time weighted average level (8-hr TWA) [#]	73.6	85 ^{/1}	dB(A)

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

^{/3} Regulation of The Ministry of Labour B.E. 2559 (2016)

[#] Based on Criteria 85 dB(A) ; 3 dB Exchange Rate

* Parameter have License Registration of Department of Labour Protection and Welfare No. 0403-03-2564-0009
(Measurement By Ms. Savita Kittinoavarat)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved

23/07/2025

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Request No. LA68-R0392

Report No. R6803-2125

TEST REPORT

CUSTOMER : GC Polyols Company Limited

ADDRESS : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong 21150

SAMPLE SOURCE : GCP Plant

SAMPLE POINT : บริเวณพื้นที่กระบวนการผลิต Shift D (Morning Shift) (PPG) (คุณวีรภัทร วาริษฐ์ ID 26008304)

MEASURING DATE : 14/03/2025 SAMPLE NO. : 04580

RECEIVED DATE : 19/03/2025 SAMPLING TIME : 07:00-19:00

SAMPLING INSTRUMENT : Noise dosimeter : S/N CB1499 REPORTED DATE : 31/03/2025

PARAMETER*	RESULT	STANDARD	UNIT
Time weighted average level (12-hr TWA) [#]	78.6	83 ^{/1}	dB(A)
L _{max} 12 hr	94.8	115 ^{/3}	dB(A)
12 Hour dose	33.98	100 ^{/2}	%
Time weighted average level (8-hr TWA) [#]	80.3	85 ^{/1}	dB(A)

REMARK :

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

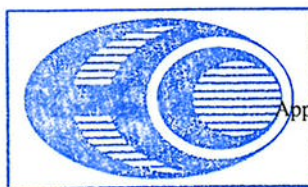
^{/2} Standard of National Institute for Occupational Safety and Health, Occupational Noise Exposure Revised Criteria 1998

^{/3} Regulation of The Ministry of Labour B.E. 2559 (2016)

[#] Based on Criteria 85 dB(A) ; 3 dB Exchange Rate

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

(Measurement By Ms. Pornnapa Phongphet)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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Request No. LA68-R0392

Report No. R6803-2127

TEST REPORT

CUSTOMER : GC Polyols Company Limited

ADDRESS : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong 21150

SAMPLE SOURCE : GCP Plant

SAMPLE POINT : บริเวณพื้นที่กระบวนการผลิต Shift D (Morning Shift) (POP) (คุณวีรศักดิ์ คงสืบเสาะ ID 26008303)

MEASURING DATE : 14/03/2025 SAMPLE NO. : 04582

RECEIVED DATE : 19/03/2025 SAMPLING TIME : 07:00-19:00

SAMPLING INSTRUMENT : Noise dosimeter : S/N CB1498 REPORTED DATE : 31/03/2025

PARAMETER*	RESULT	STANDARD	UNIT
Time weighted average level (12-hr TWA) [#]	80.7	83 ^{/1}	dB(A)
L _{max} 12 hr	94.0	115 ^{/3}	dB(A)
12 Hour dose	56.03	100 ^{/2}	%
Time weighted average level (8-hr TWA) [#]	82.5	85 ^{/1}	dB(A)

REMARK :

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

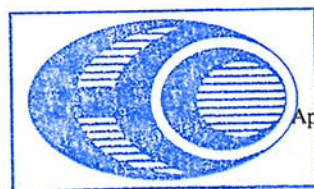
^{/2} Standard of National Institute for Occupational Safety and Health, Occupational Noise Exposure Revised Criteria 1998

^{/3} Regulation of The Ministry of Labour B.E. 2559 (2016)

[#] Based on Criteria 85 dB(A) ; 3 dB Exchange Rate

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

(Measurement By Ms. Pornnapa Phongphet)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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Request No. LA68-R0392

Report No. R6803-2129

TEST REPORT

CUSTOMER : GC Polyols Company Limited

ADDRESS : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong 21150

SAMPLE SOURCE : GCP Plant

SAMPLE POINT : บริเวณพื้นที่กระบวนการผลิต Shift D (Morning Shift) (Manager) (คุณวีระวัฒน์ แสนทา ID 26008323)

MEASURING DATE : 14/03/2025 SAMPLE NO. : 04584

RECEIVED DATE : 19/03/2025 SAMPLING TIME : 07:00-19:00

SAMPLING INSTRUMENT : Noise dosimeter : S/N CB1365 REPORTED DATE : 31/03/2025

PARAMETER*	RESULT	STANDARD	UNIT
Time weighted average level (12-hr TWA) [#]	68.7	83 ^{/1}	dB(A)
L _{max} 12 hr	87.2	115 ^{/3}	dB(A)
12 Hour dose	3.49	100 ^{/2}	%
Time weighted average level (8-hr TWA) [#]	70.4	85 ^{/1}	dB(A)

REMARK :

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

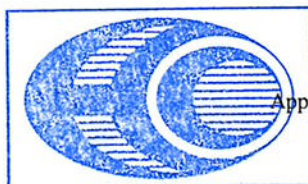
^{/2} Standard of National Institute for Occupational Safety and Health, Occupational Noise Exposure Revised Criteria 1998

^{/3} Regulation of The Ministry of Labour B.E. 2559 (2016)

[#] Based on Criteria 85 dB(A) ; 3 dB Exchange Rate

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

(Measurement By Ms. Pornnapha Phongphet)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By

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Request No. LA68-R06100

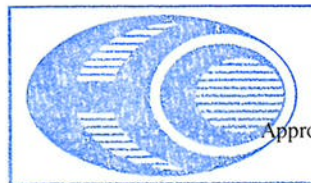
Report No. R6806-3903

TEST REPORT

CUSTOMER : GC Polyols Company Limited
ADDRESS : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong 21150
SAMPLE SOURCE : GCP Plant
SAMPLE POINT : บริเวณพื้นที่กระบวนการผลิต Shift D (Morning Shift) (จุดสุ่มวัด ณ บั้วหนอง ID 26008315)
MEASURING DATE : 17/06/2025 SAMPLE NO. : 18094
RECEIVED DATE : 20/06/2025 SAMPLING TIME : 07:00-19:00
SAMPLING INSTRUMENT : Noise dosimeter : S/N CA8889 REPORTED DATE : 24/06/2025

PARAMETER*	RESULT	STANDARD	UNIT
Time weighted average level (12-hr TWA) [#]	59.9	83 ^{/1}	dB(A)
L _{max} 12 hr	84.8	115 ^{/3}	dB(A)
12 Hour dose	0.46	100 ^{/2}	%
Time weighted average level (8-hr TWA) [#]	61.6	85 ^{/1}	dB(A)

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
^{/3} Regulation of The Ministry of Labour B.E. 2559 (2016)
[#] Based on Criteria 85 dB(A) ; 3 dB Exchange Rate
* Parameter have License Registration of Department of Labour Protection and Welfare No. 0403-03-2564-0009
(Measurement By Ms. Jutarat Suksaget)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By

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Request No. LA68-R06100

Report No. R6806-3904

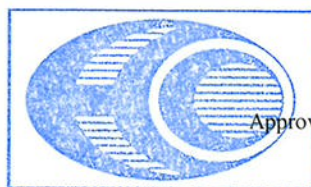
TEST REPORT

CUSTOMER : GC Polyols Company Limited
ADDRESS : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong 21150
SAMPLE SOURCE : GCP Plant
SAMPLE POINT : บริเวณพื้นที่กระบวนการผลิต Shift D (Morning Shift) (คุณสมบัติทาง ID 26008313)
MEASURING DATE : 17/06/2025 SAMPLE NO. : 18095
RECEIVED DATE : 20/06/2025 SAMPLING TIME : 07:00-19:00
SAMPLING INSTRUMENT : Noise dosimeter : S/N CA8888 REPORTED DATE : 24/06/2025

PARAMETER*	RESULT	STANDARD	UNIT
Time weighted average level (12-hr TWA) [#]	74.0	83 ^{/1}	dB(A)
L _{max} 12 hr	89.2	115 ^{/3}	dB(A)
12 Hour dose	11.79	100 ^{/2}	%
Time weighted average level (8-hr TWA) [#]	75.7	85 ^{/1}	dB(A)

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
- ^{/3} Regulation of The Ministry of Labour B.E. 2559 (2016)
- [#] Based on Criteria 85 dB(A) ; 3 dB Exchange Rate
- * Parameter have License Registration of Department of Labour Protection and Welfare No. 0403-03-2564-0009
(Measurement By Ms. Jutarat Suksaget)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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Request No. LA68-R06100

Report No. R6806-3906

TEST REPORT

CUSTOMER : GC Polyols Company Limited

ADDRESS : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong 21150

SAMPLE SOURCE : GCP Plant

SAMPLE POINT : บริเวณพื้นที่กระบวนการผลิต Shift D (Morning Shift) (คุณรัฐศาสตร์ ผลกลาง ID 26008294)

MEASURING DATE : 17/06/2025 SAMPLE NO. : 18097

RECEIVED DATE : 20/06/2025 SAMPLING TIME : 07:00-19:00

SAMPLING INSTRUMENT : Noise dosimeter : S/N CA8879 REPORTED DATE : 24/06/2025

PARAMETER*	RESULT	STANDARD	UNIT
Time weighted average level (12-hr TWA) [#]	77.1	83 ^{/1}	dB(A)
L _{max} 12 hr	94.4	115 ^{/3}	dB(A)
12 Hour dose	24.35	100 ^{/2}	%
Time weighted average level (8-hr TWA) [#]	78.9	85 ^{/1}	dB(A)

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

^{/3} Regulation of The Ministry of Labour B.E. 2559 (2016)

[#] Based on Criteria 85 dB(A) ; 3 dB Exchange Rate

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

(Measurement By Ms. Jutarat Suksaget)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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Request No. LA68-R06100

Report No. R6806-3907

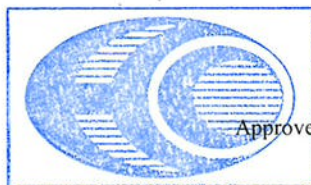
TEST REPORT

CUSTOMER : GC Polyols Company Limited
ADDRESS : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong 21150
SAMPLE SOURCE : GCP Plant
SAMPLE POINT : บริเวณพื้นที่กระบวนการผลิต Shift D (Morning Shift) (คุณสมบัติ สรณรณรณ ID 26008292)
MEASURING DATE : 17/06/2025 SAMPLE NO. : 18098
RECEIVED DATE : 20/06/2025 SAMPLING TIME : 07:00-19:00
SAMPLING INSTRUMENT : Noise dosimeter : S/N CA8887 REPORTED DATE : 24/06/2025

PARAMETER*	RESULT	STANDARD	UNIT
Time weighted average level (12-hr TWA) [#]	58.8	83 ^{/1}	dB(A)
L _{max} 12 hr	84.7	115 ^{/3}	dB(A)
12 Hour dose	0.36	100 ^{/2}	%
Time weighted average level (8-hr TWA) [#]	60.6	85 ^{/1}	dB(A)

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
- ^{/3} Regulation of The Ministry of Labour B.E. 2559 (2016)
- [#] Based on Criteria 85 dB(A) ; 3 dB Exchange Rate
- * Parameter have License Registration of Department of Labour Protection and Welfare No. 0403-03-2564-0009
(Measurement By Ms. Jutarat Suksaget)



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Request No. LA68-R06126

Report No. R6806-4930

TEST REPORT

CUSTOMER : GC Polyols Company Limited

ADDRESS : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong 21150

SAMPLE SOURCE : GCP Plant

SAMPLE POINT : บริเวณพื้นที่กระบวนการผลิต Shift D (Morning Shift) (คุณลิขิต อินทร์สกุล ID 26008309)

MEASURING DATE : 25/06/2025 SAMPLE NO. : 19126

RECEIVED DATE : 25/06/2025 SAMPLING TIME : 07:00-19:00

SAMPLING INSTRUMENT : Noise dosimeter : S/N CB0644 REPORTED DATE : 30/06/2025

PARAMETER*	RESULT	STANDARD	UNIT
Time weighted average level (12-hr TWA) [#]	76.8	83 ^{/1}	dB(A)
L _{max} 12 hr	92.2	115 ^{/3}	dB(A)
12 Hour dose	22.64	100 ^{/2}	%
Time weighted average level (8-hr TWA) [#]	78.5	85 ^{/1}	dB(A)

REMARK :

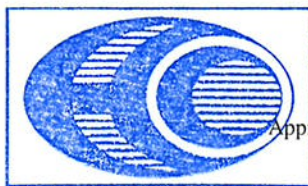
^{/1} Notification of The Department of Labour Protection and Welfare B.E. 2561 (2018)

^{/2} Standard of National Institute for Occupational Safety and Health, Occupational Noise Exposure Revised Criteria 1998

^{/3} Regulation of The Ministry of Labour B.E. 2559 (2016)

[#] Based on Criteria 85 dB(A) ; 3 dB Exchange Rate

* Parameter have License Registration of Department of Labour Protection and Welfare No. 0403-03-2564-0009
(Measurement By Ms. Savita Kittinoavarat)



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Approved I

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Request No. LA68-R0789

Report No. R6807-5567

TEST REPORT

CUSTOMER : GC Polyols Company Limited

ADDRESS : 9 Soi G-14, Pakorn Songkrohraj Road, Map Ta Phut Sub-district, Mueang Rayong District, Rayong 21150

SAMPLE SOURCE : GCP Plant

SAMPLE POINT : บริเวณพื้นที่กระบวนการผลิต Shift D (Morning Shift) (คุณอนุสรณ์ เทิงสูงเนิน ID 26008306)

MEASURING DATE : 15/07/2025 SAMPLE NO. : 25295

RECEIVED DATE : 16/07/2025 SAMPLING TIME : 07:40-19:40

SAMPLING INSTRUMENT : Noise dosimeter : S/N CB0642 REPORTED DATE : 19/07/2025

PARAMETER*	RESULT	STANDARD	UNIT
Time weighted average level (12-hr TWA) [#]	63.2	83 ^{/1}	dB(A)
L _{max} 12 hr	81.9	115 ^{/3}	dB(A)
12 Hour dose	1.00	100 ^{/2}	%
Time weighted average level (8-hr TWA) [#]	65.0	85 ^{/1}	dB(A)

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

^{/3} Regulation of The Ministry of Labour B.E. 2559 (2016)

[#] Based on Criteria 85 dB(A) ; 3 dB Exchange Rate

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

(Measurement By Ms. Onanong Leewongsak)



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