

Request No. ATR6508023

Report No. 6508-0383

**TEST REPORT**

CUSTOMER : PTT Global Chemical Public Company Limited Branch16  
ADDRESS : 9 Soi G-12, WHA Eastern Industrial Estate (Map Ta Phut), Pakorn Songkhraorat Road, Tambon Map Ta Phut, Amphur Muang Rayong, Rayong 21150  
SAMPLE SOURCE : EOEG Plant  
SAMPLE NAME : พื้นที่สูบลำธารเอทิลีนไดคลอไรด์ (EDC)  
SAMPLING DATE : 11/08/2022 SAMPLE NO. : A65080383  
RECEIVED DATE : 16/08/2022 SAMPLING TIME : 10:00-12:00  
SAMPLING INSTRUMENT : Personal Pump Flow rate 0.10 L/min TESTED DATE : 16/08/2022-02/09/2022  
Serial No. 218403 REPORTED DATE : 07/09/2022

PARAMETER**	TEST METHOD	RESULT <sup>/2</sup>	STD <sup>/1</sup>	UNIT
Ethylene Dichloride	NIOSH 1003	ND	202	mg/m <sup>3</sup>
		ND	50	ppm

**REMARK:**<sup>/1</sup> Notification of The Department of Labour Protection and Welfare B.E.2560 (2017), Concentration Limits of Hazardous Chemicals.<sup>/2</sup> ND = Non detectable : When detection limit of Ethylene Dichloride is less than 0.05 mg/m<sup>3</sup> or 0.01 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. (Nitchaphon Tonglor)

Analysed By SECOT Co.,Ltd.

GPS = Sampling at UTM 47 P 730983E 1404800N



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....

(Miss Thanaporn Klinsoon)

07/09/2022

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Request No. ATR6508023

Report No. 6508-0384

## TEST REPORT

CUSTOMER : PTT Global Chemical Public Company Limited Branch16  
 ADDRESS : 9 Soi G-12, WHA Eastern Industrial Estate (Map Ta Phut), Pakorn Songkhraorat Road, Tambon Map Ta Phut, Amphur Muang Rayong, Rayong 21150  
 SAMPLE SOURCE : EOEG Plant  
 SAMPLE NAME : พื้นที่สูบน้ำสารเอทิลีนไดคลอไรด์ (EDC) (คุณสมบัติอันตราย)  
 SAMPLING DATE : 11/08/2022 SAMPLE NO. : A65080384  
 RECEIVED DATE : 16/08/2022 SAMPLING TIME : 10:00-12:00  
 SAMPLING INSTRUMENT : Personal Pump Flow rate 0.10 L/min TESTED DATE : 16/08/2022-02/09/2022  
 Serial No. 218385 REPORTED DATE : 07/09/2022

PARAMETER**	TEST METHOD	RESULT	STD <sup>/1</sup>	UNIT
Ethylene Dichloride	NIOSH 1003	0.44	202	mg/m <sup>3</sup>
		0.11	50	ppm

## REMARK:

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

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

Sampling By Eastern Thai Consulting 1992 Co.,Ltd. (Nitchaphon Tonglor)

Analysed By SECOT Co.,Ltd.



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....

(Miss Thanatporn Klinsohon)

07/09/2022

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Request No. ATR6508023

Report No. 6508-0385

## TEST REPORT

CUSTOMER : PTT Global Chemical Public Company Limited Branch16  
ADDRESS : 9 Soi G-12, WHA Eastern Industrial Estate (Map Ta Phut), Pakorn Songkhraorat Road, Tambon Map Ta Phut, Amphur Muang Rayong, Rayong 21150  
SAMPLE SOURCE : EOEG Plant  
SAMPLE NAME : พื้นที่สูบน้ำสารเอทิลีนไดคลอไรด์ (EDC) (ถนนจตุรพักตรพิมาน)  
SAMPLING DATE : 11/08/2022 SAMPLE NO. : A65080385  
RECEIVED DATE : 16/08/2022 SAMPLING TIME : 10:00-12:00  
SAMPLING INSTRUMENT : Personal Pump Flow rate 0.10 L/min TESTED DATE : 16/08/2022-02/09/2022  
Serial No. 218391 REPORTED DATE : 07/09/2022

PARAMETER**	TEST METHOD	RESULT	STD <sup>1</sup>	UNIT
Ethylene Dichloride	NIOSH 1003	3.02	202	mg/m <sup>3</sup>
		0.75	50	ppm

## REMARK:

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

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

Sampling By Eastern Thai Consulting 1992 Co.,Ltd. (Nitchaphon Tonglor)

Analysed By SECOT Co.,Ltd.



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....

(Miss Thanaporn Klinsoon)

07/09/2022

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Request No. ATR6511048

Report No. 6511-0857

## TEST REPORT

CUSTOMER : PTT Global Chemical Public Company Limited Branch16

ADDRESS : 9 Soi G-12, WHA Eastern Industrial Estate (Map Ta Phut), Pakorn Songkhraorat Road, Tambon Map Ta Phut, Amphur Muang Rayong, Rayong 21150

SAMPLE SOURCE : EOEG Plant

SAMPLE NAME : จุด Load สาร Ethylene dichloride ใน Process Area

SAMPLING DATE : 18/11/2022 SAMPLE NO. : A65110857

RECEIVED DATE : 21/11/2022 SAMPLING TIME : 10:35-11:35

SAMPLING INSTRUMENT : Personal Pump Flow rate 0.10 L/min TESTED DATE : 21/11/2022-02/12/2022

Serial No. 218445 REPORTED DATE : 07/12/2022

PARAMETER**	TEST METHOD	RESULT <sup>2</sup>	STD <sup>1</sup>	UNIT
Ethylene Dichloride	NIOSH 1003	ND	202	mg/m <sup>3</sup>
		ND	50	ppm

## REMARK:

<sup>1</sup> Notification of The Department of Labour Protection and Welfare B.E.2560 (2017), Concentration Limits of Hazardous Chemicals.<sup>2</sup> ND = Non detectable : When detection limit of Ethylene Dichloride is less than 0.05 mg/m<sup>3</sup> or 0.01 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. Suttha Songthaninai)

Analysed By SECOT Co.,Ltd.

GPS = Sampling at UTM 47 P 730983E 1404800N



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....

(Miss Thanaporn Klinsonon)

07/12/2022

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Request No. ATR6511048

Report No. 6511-0858

## TEST REPORT

CUSTOMER : PTT Global Chemical Public Company Limited Branch16  
ADDRESS : 9 Soi G-12, WHA Eastern Industrial Estate (Map Ta Phut), Pakorn Songkhraorat Road, Tambon Map Ta Phut, Amphur Muang Rayong, Rayong 21150  
SAMPLE SOURCE : EOEG Plant  
SAMPLE NAME : จุด Load สาร Ethylene dichloride ใน Process Area (กลิ่นอเนนที่ สว้ยชมร)  
SAMPLING DATE : 18/11/2022 SAMPLE NO. : A65110858  
RECEIVED DATE : 21/11/2022 SAMPLING TIME : 10:30-11:30  
SAMPLING INSTRUMENT : Personal Pump Flow rate 0.10 L/min TESTED DATE : 21/11/2022-02/12/2022  
Serial No. 218383 REPORTED DATE : 07/12/2022

PARAMETER**	TEST METHOD	RESULT	STD <sup>1</sup>	UNIT
Ethylene Dichloride	NIOSH 1003	1.86	202	mg/m <sup>3</sup>
		0.46	50	ppm

### REMARK:

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

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

Sampling By Eastern Thai Consulting 1992 Co.,Ltd. (Mr. Suttha Songthaninai)

Analysed By SECOT Co.,Ltd.



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....

(Miss Thanatporm Klinsoapon)

07/12/2022

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Request No. ATR6511048

Report No. 6511-0859

## TEST REPORT

CUSTOMER : PTT Global Chemical Public Company Limited Branch16  
 ADDRESS : 9 Soi G-12, WHA Eastern Industrial Estate (Map Ta Phut), Pakorn Songkhraorat Road, Tambon Map Ta Phut, Amphur Muang Rayong, Rayong 21150  
 SAMPLE SOURCE : EOEG Plant  
 SAMPLE NAME : จุด Load สาร Ethylene dichloride ใน Process Area (คุณพัฒนพงษ์ ชมเชยโถม)  
 SAMPLING DATE : 18/11/2022 SAMPLE NO. : A65110859  
 RECEIVED DATE : 21/11/2022 SAMPLING TIME : 10:35-11:35  
 SAMPLING INSTRUMENT : Personal Pump Flow rate 0.10 L/min TESTED DATE : 21/11/2022-02/12/2022  
 Serial No. 218444 REPORTED DATE : 07/12/2022

PARAMETER**	TEST METHOD	RESULT	STD <sup>1</sup>	UNIT
Ethylene Dichloride	NIOSH 1003	0.46	202	mg/m <sup>3</sup>
		0.11	50	ppm

## REMARK:

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

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

Sampling By Eastern Thai Consulting 1992 Co.,Ltd. (Mr. Suttha Songthaninai)

Analysed By SECOT Co.,Ltd.



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By.....

(Miss Thanatporn Klinsonon)

07/12/2022

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