

ภาคผนวก ค-1

คุณภาพอากาศจากแหล่งกำเนิด



Analysis / Test Report

Client : Linde HyCO Limited
10/1, I-4 Road, T.Map Ta Phut, A.Muang, Rayong Thailand 21150
P/O : 9103357695
Project Name : Air Testing
Project Location :

Lot ID: 2234483

Date Received : May 26, 2022
Date Reported : Jun 14, 2022
Report Number: 2341852-1

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Sample Number 2234483-1
Sampled Date May 26, 2022
Sample Description Emission from Stationary Source
Location ปล่อง Boiler
Date Analysis Commenced May 30, 2022
Condition of Sample Extracted into two 2-L collection flasks

Stack Description

Ambient Pressure	757	mmHg	Diameter	0.48	m	Oxygen	11.7	%
Ambient Temperature	31.0	°C	Shape	Circle		Carbon Dioxide	5.3	%
Type of Process	Combustion		Stack Temperature	196	°C	Gas Velocity	5.4	m/s
Type of Fuel	Natural Gas		Moisture	9.64	%	Flow Rate (Actual O2)	2013	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result at 7 %O ₂	Guideline Limit	Method	Testing Location
Air Testing								
Oxides of Nitrogen	10:00 AM - 10:10 AM	ppm	-	1.06	51.8	200	US EPA, Method 7	Rayong

Guideline : Notification of the Ministry of Industry 2006 (B.E. 2549) Published in the Royal Government Gazette, Vol.123 Special Part 125 D, dated December 4, 2006 (B.E. 2549)

Note: This Analysis test report is reissued to supersede report No.2262225-1, Date Reported : Jun 04, 2022 due to revise analytical information.

Sampled By : Sutdamrong Chokpitinan

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)
ทะเบียนเลขที่ ว-323-จ-9447

Approved by

D. Changchon.

Dej Changchon
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Analysis / Test Report

Client : Linde HyCO Limited
10/1, I-4 Road, T.Map Ta Phut, A.Muang, Rayong Thailand 21150
P/O : 9103445534
Project Name : Air Testing
Project Location :

Lot ID: 2270013

Date Received : Jun 10, 2022
Date Reported : Jun 16, 2022
Report Number: 2336718-1

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Sample Number 2270013-1
Sampled Date Jun 10, 2022
Sample Description Emission from Stationary Source
Location ปล่อง Reformer Furnace
Date Analysis Commenced Jun 11, 2022
Condition of Sample Extracted into three 2-L collection flasks

Stack Description

Ambient Pressure	757	mmHg	Diameter	0.55	m	Oxygen	1.8	%
Ambient Temperature	32.0	°C	Shape	Circle		Carbon Dioxide	11.0	%
Type of Process	Combustion		Stack Temperature	164	°C	Gas Velocity	4.9	m/s
Type of Fuel	Natural Gas		Moisture	15.64	%	Flow Rate (Actual O2)	2402	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result at 7 %O ₂	Guideline Limit	Method	Testing Location
Air Testing								
Oxides of Nitrogen	10:00 AM - 10:15 AM	ppm	-	1.06	83.5	200	US EPA, Method 7	Rayong

Guideline : Notification of the Ministry of Industry 2006 (B.E. 2549) Published in the Royal Government Gazette, Vol.123 Special Part 125 D, dated December 4, 2006 (B.E. 2549)

Sampled By : Warawut Pubpa

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

Technical Management

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Approved by

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