

## ภาคผนวก ค-5

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การทำงานระดับเสียงเฉลี่ยตลอดเวลาการทำงาน



## 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: 2234476**

Date Received : May 27, 2022  
Date Reported : Jun 15, 2022  
Report Number : 2262219-1 Rev. No.1

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**Sample Number** 2234476-1  
**Sampled Date** May 25, 2022  
**Sample Description** Noise Dose  
**Personal Sampling** คุณเอื้ออังกูร ประเสริฐศักดิ์  
**Date Analysis Commenced** May 30, 2022

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
<b>Air Testing</b>									
Noise Dose (12 hrs.) (Calculated from Lavg)	08:00 PM - 08:00 AM	%	-	-	60.3	No Standard	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok
Noise Dose (8 hrs.)	08:00 PM - 08:00 AM	%	-	1	56.2	No Standard	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok
TWA (12 hrs.) (Calculated from Lavg)	08:00 PM - 08:00 AM	dB(A)	-	-	80.8	83*	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok
TWA (8 hrs.)	08:00 PM - 08:00 AM	dB(A)	-	-	82.5	85	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok

### Guideline :

MOL : 1. Notification of Department Labour Protection and Welfare on the Criteria and Procedures for Measurement and Analysis of Working Conditions in relation to Heat, Light or Noise Levels, including Duration and Types of Business that must perform (B.E. 2561)  
2. Notification of Department of Labour Protection and Welfare on the Standard of Time Weighted Average (TWA) Noise Level (B.E. 2561)  
\* MOL: Recommended guideline limit for 12 working hours should not be over 83 dB(A)

**Note :** This Analysis test report is reissued to supersede report No. 2262219-1 Reported : May31,2022 due to revise client information

**Sampled By :** Supot Salamteh

### Remark :

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

Approved by

Wichan Choonharat  
Assistant Manager

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**Lot ID: 2234476**

Date Received : May 27, 2022  
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**Sample Number** 2234476-2  
**Sampled Date** May 26, 2022  
**Sample Description** Noise Dose  
**Personal Sampling** คุณจักรพันธ์ จันทรินทร์เวศน์  
**Date Analysis Commenced** May 30, 2022

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
<b>Air Testing</b>									
Noise Dose (12 hrs.) (Calculated from Lavg)	08:00 AM - 08:00 PM	%	-	-	22.4	No Standard	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok
Noise Dose (8 hrs.)	08:00 AM - 08:00 PM	%	-	1	20.9	No Standard	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok
TWA (12 hrs.) (Calculated from Lavg)	08:00 AM - 08:00 PM	dB(A)	-	-	76.5	83*	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok
TWA (8 hrs.)	08:00 AM - 08:00 PM	dB(A)	-	-	78.2	85	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok

### Guideline :

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2. Notification of Department of Labour Protection and Welfare on the Standard of Time Weighted Average (TWA) Noise Level (B.E. 2561)  
\* MOL: Recommended guideline limit for 12 working hours should not be over 83 dB(A)

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**Sampled By :** Supot Salamteh

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**Lot ID: 2234476**

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**Sample Number** 2234476-3  
**Sampled Date** May 26, 2022  
**Sample Description** Noise Dose  
**Personal Sampling** คุณชานันต์ นามวิชา  
**Date Analysis Commenced** May 30, 2022

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
<b>Air Testing</b>									
Noise Dose (12 hrs.) (Calculated from Lavg)	08:00 AM - 08:00 PM	%	-	-	39.8	No Standard	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok
Noise Dose (8 hrs.)	08:00 AM - 08:00 PM	%	-	1	38.0	No Standard	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok
TWA (12 hrs.) (Calculated from Lavg)	08:00 AM - 08:00 PM	dB(A)	-	-	79.0	83*	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok
TWA (8 hrs.)	08:00 AM - 08:00 PM	dB(A)	-	-	80.8	85	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok

### Guideline :

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**Sample Number** 2234476-4  
**Sampled Date** May 26, 2022  
**Sample Description** Noise Dose  
**Personal Sampling** คุณธนภฤต ศรีมาลัย  
**Date Analysis Commenced** May 30, 2022

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
<b>Air Testing</b>									
Noise Dose (12 hrs.) (Calculated from Lavg)	08:00 PM - 08:00 AM	%	-	-	5.5	No Standard	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok
Noise Dose (8 hrs.)	08:00 PM - 08:00 AM	%	-	1	5.2	No Standard	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok
TWA (12 hrs.) (Calculated from Lavg)	08:00 PM - 08:00 AM	dB(A)	-	-	70.4	83*	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok
TWA (8 hrs.)	08:00 PM - 08:00 AM	dB(A)	-	-	72.2	85	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok

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