

ระดับเสียงในสถานประกอบการ



Request No. LA65-R0506

Report No. R6505-0057

## TEST REPORT

CUSTOMER : NPC Safety and Environmental Service Co., Ltd.  
ADDRESS : 20/9 Pakomsongkroh Rd., T. Maitaphut A. Muangrayong, Rayong 21150  
SAMPLE SOURCE : PTT Asahi Chemical Co., Ltd.  
SAMPLE POINT : MMA\_AMS Operator (K. Mongkol Chobijit)  
MEASURING DATE : 26/04/2022 SAMPLE NO. : 06919  
RECEIVED DATE : 28/04/2022 SAMPLING TIME : 07:00-19:00  
SAMPLING INSTRUMENT : Noise dosimeter : S/N CB0955 REPORTED DATE : 05/05/2022

PARAMETER*	RESULT	STANDARD	UNIT
Time weighted average level (12-hr TWA) <sup>#</sup>	69.3	85 <sup>/1</sup>	dB(A)
L <sub>max</sub> 12 hr	85.5	115 <sup>/3</sup>	dB(A)
12 Hour dose	4.00	100 <sup>/2</sup>	%
Time weighted average level (8-hr TWA) <sup>#</sup>	71.0	85 <sup>/1</sup>	dB(A)

**REMARK :** <sup>/1</sup> Notification of The Department of Labour Protection and Welfare B.E. 2561 (2018)<sup>/2</sup> Standard of National Institute for Occupational Safety and Health, Occupational Noise Exposure Revised Criteria 1998<sup>/3</sup> Regulation of The Ministry of Labour B.E. 2559 (2016)<sup>#</sup> Based on Criteria 85 dB(A) ; 3 dB Exchange Rate\* Parameter not have License Registration of Department of Labour Protection and Welfare  
(Measurement By Mr. Wattana Khotla)REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY  
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL  
WITHOUT THE WRITTEN APPROVAL LABORATORY

## TEST REPORT

CUSTOMER : NPC Safety and Environmental Service Co., Ltd.  
ADDRESS : 20/9 Pakomsongkroh Rd., T. Maitaphut A. Muangrayong, Rayong 21150  
SAMPLE SOURCE : PTT Asahi Chemical Co., Ltd.  
SAMPLE POINT : AN\_PGU+AOG Operator (K. Arunsak Racha)  
MEASURING DATE : 26/04/2022 SAMPLE NO. : 06920  
RECEIVED DATE : 28/04/2022 SAMPLING TIME : 07:00-19:00  
SAMPLING INSTRUMENT : Noise dosimeter : S/N CA8889 REPORTED DATE : 05/05/2022

PARAMETER*	RESULT	STANDARD	UNIT
Time weighted average level (12-hr TWA) <sup>#</sup>	80.3	83 <sup>/1</sup>	dB(A)
L <sub>max</sub> 12 hr	96.2	115 <sup>/3</sup>	dB(A)
12 Hour dose	51.00	100 <sup>/2</sup>	%
Time weighted average level (8-hr TWA) <sup>#</sup>	82.1	85 <sup>/1</sup>	dB(A)

**REMARK :** <sup>/1</sup> Notification of The Department of Labour Protection and Welfare B.E. 2561 (2018)<sup>/2</sup> Standard of National Institute for Occupational Safety and Health, Occupational Noise Exposure Revised Criteria 1998<sup>/3</sup> Regulation of The Ministry of Labour B.E. 2559 (2016)<sup>#</sup> Based on Criteria 85 dB(A) ; 3 dB Exchange Rate\* Parameter not have License Registration of Department of Labour Protection and Welfare  
(Measurement By Mr. Wattana Khotla)REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY  
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## TEST REPORT

CUSTOMER	: NPC Safety and Environmental Service Co., Ltd.
ADDRESS	: 20/9 Pakornsongkhrohad Rd., T. Mapthaphut A. Muangrayong, Rayong 21150
SAMPLE SOURCE	: PTT Asahi Chemical Co., Ltd.
SAMPLE POINT	: AN_Cooling Tower + Metering & Flare + Refrigeration Operator (K. Tiw Seekeaw)
MEASURING DATE	: 26/04/2022
RECEIVED DATE	: 28/04/2022
SAMPLING INSTRUMENT	: Noise dosimeter : S/N CA8888
REPORTED DATE	: 05/05/2022

PARAMETER*	RESULT	STANDARD	UNIT
Time weighted average level (12-hr TWA) <sup>#</sup>	80.3	83 <sup>/1</sup>	dB(A)
L <sub>max</sub> 12 hr	96.8	115 <sup>/3</sup>	dB(A)
12 Hour dose	51.00	100 <sup>/2</sup>	%
Time weighted average level (8-hr TWA) <sup>#</sup>	82.1	85 <sup>/1</sup>	dB(A)

## REMARK:

- <sup>1/1</sup> Notification of The Department of Labour Protection and Welfare B.E. 2561 (2018)  
<sup>1/2</sup> Standard of National Institute for Occupational Safety and Health, Occupational Noise Exposure Revised Criteria 1998  
<sup>1/3</sup> Regulation of The Ministry of Labour B.E. 2559 (2016)  
<sup>#</sup> Based on Criteria 85 dB(A) : 3 dB Exchange Rate  
 \* Parameter not have License Registration of Department of Labour Protection and Welfare  
 (Measurement By Mr. Waitana Khodta)

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## TEST REPORT

CUSTOMER	: NPC Safety and Environmental Service Co., Ltd.
ADDRESS	: 20/9 Pakomsongkrohroad Rd., T. Maitaphut A. Muangrayong, Rayong 21150
SAMPLE SOURCE	: PTT Asahi Chemical Co., Ltd.
SAMPLE POINT	: AN_Recovery Operator (K. Pasi Sodium)
MEASURING DATE	: 26/04/2022
RECEIVED DATE	: 28/04/2022
SAMPLING INSTRUMENT	: Noise dosimeter - SN CR0958
REPORTED DATE	: 05/05/2022

PARAMETER*	RESULT	STANDARD	UNIT
Time weighted average level (12-hr TWA) <sup>#</sup>	76.5	83 <sup>/1</sup>	dB(A)
L <sub>max</sub> 12 hr	93.5	115 <sup>/3</sup>	dB(A)
12 Hour dose	21.00	100 <sup>/2</sup>	%
Time weighted average level (8-hr TWA) <sup>#</sup>	78.2	85 <sup>/1</sup>	dB(A)

**REMARK:**

- <sup>1</sup> Notification of The Department of Labour Protection and Welfare B.E. 2561 (2018)  
<sup>2</sup> Standard of National Institute for Occupational Safety and Health, Occupational Noise Exposure Revised Criteria 1998  
<sup>3</sup> Regulation of The Ministry of Labour B.E. 2559 (2016)  
<sup>4</sup> Based on Criteria 85 dB(A) ; 3 dB Exchange Rate  
 \* Parameter not have License Registration of Department of Labour Protection and Welfare (Measurement By Mr. Wattana Khodla)

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Request No. LA65-R0506  
Report No. R6505-0061

## TEST REPORT

CUSTOMER : NPC Safety and Environmental Service Co., Ltd.  
ADDRESS : 20/9 Pakomsongkrohrad Rd., T. Maitaphut A. Muangrayong, Rayong 21150  
SAMPLE SOURCE : PTT Asahi Chemical Co., Ltd.  
SAMPLE POINT : AN\_Reaction Operator (K. Piyapat Pengplang)  
MEASURING DATE : 26/04/2022 SAMPLE NO. : 06923  
RECEIVED DATE : 28/04/2022 SAMPLING TIME : 07:00-19:00  
SAMPLING INSTRUMENT : Noise dosimeter : S/N CB0956 REPORTED DATE : 05/05/2022

PARAMETER*	RESULT	STANDARD	UNIT
Time weighted average level (12-hr TWA) <sup>#</sup>	81.4	83 <sup>/1</sup>	dB(A)
L <sub>max</sub> 12 hr	98.0	115 <sup>/3</sup>	dB(A)
12 Hour dose	65.00	100 <sup>/2</sup>	%
Time weighted average level (8-hr TWA) <sup>#</sup>	83.1	85 <sup>/1</sup>	dB(A)

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

<sup>/2</sup> Standard of National Institute for Occupational Safety and Health, Occupational Noise Exposure Revised Criteria 1998

<sup>/3</sup> Regulation of The Ministry of Labour B.E. 2559 (2016)

<sup>#</sup> Based on Criteria 85 dB(A) ; 3 dB Exchange Rate

\* Parameter not have License Registration of Department of Labour Protection and Welfare  
(Measurement By Mr. Wattana Khotla)

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY  
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## TEST REPORT

CUSTOMER : NPC Safety and Environmental Service Co., Ltd.  
ADDRESS : 20/9 Pakomsongkrohrad Rd., T. Maitaphut A. Muangrayong, Rayong 21150  
SAMPLE SOURCE : PTT Asahi Chemical Co., Ltd.  
SAMPLE POINT : AN\_WWI Operator (K. Harin Inhom)  
MEASURING DATE : 26/04/2022 SAMPLE NO. : 06924  
RECEIVED DATE : 28/04/2022 SAMPLING TIME : 07:00-19:00  
SAMPLING INSTRUMENT : Noise dosimeter : S/N CA8879 REPORTED DATE : 05/05/2022

PARAMETER*	RESULT	STANDARD	UNIT
Time weighted average level (12-hr TWA) <sup>#</sup>	79.5	83 <sup>/1</sup>	dB(A)
L <sub>max</sub> 12 hr	102.4	115 <sup>/3</sup>	dB(A)
12 Hour dose	42.00	100 <sup>/2</sup>	%
Time weighted average level (8-hr TWA) <sup>#</sup>	81.2	85 <sup>/1</sup>	dB(A)

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

<sup>/2</sup> Standard of National Institute for Occupational Safety and Health, Occupational Noise Exposure Revised Criteria 1998

<sup>/3</sup> Regulation of The Ministry of Labour B.E. 2559 (2016)

<sup>#</sup> Based on Criteria 85 dB(A) ; 3 dB Exchange Rate

\* Parameter not have License Registration of Department of Labour Protection and Welfare  
(Measurement By Mr. Wattana Khotla)

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## EASTERN THAI CONSULTING 1992 CO., LTD.

683 Moo 11 Sukhaphiban 8 Rd., Nongkham, Siracha, Chonburi 20230  
Tel. 0-3848-1197-8, 0-3876-3031-2 Fax : 0-3848-2095 E-mail : marketing@etcl1992.com

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TESTING 0031

Request No. LA65-R0506

Report No. R6505-0066

### TEST REPORT

CUSTOMER : NPC Safety and Environmental Service Co., Ltd.  
ADDRESS : 20/9 Pakomsongkrohroad Rd., T. Mapiaphut A. Muangrayong, Rayong 21150  
SAMPLE SOURCE : PTT Asahi Chemical Co., Ltd.  
SAMPLE POINT : Control Room  
PARAMETER\* :  $L_{eq}$  1 hr.,  $L_{eq}$  12 hr. &  $L_{max}$  : 06928  
DETERMINATION METHOD : ISO 11202:2010 MEASURING DATE : 26/04/2022  
INSTRUMENT : Integrated Sound Level Meter RECEIVED DATE : 28/04/2022  
S/N 01147298 : Type 2 REPORTED DATE : 05/05/2022

MEASURING TIME	RESULT		UNIT
	$L_{eq}$ 1 hr.	$L_{max}$	
07:00-08:00	62.2	72.1	dB(A)
08:00-09:00	62.1	74.7	dB(A)
09:00-10:00	63.1	73.0	dB(A)
10:00-11:00	62.2	73.8	dB(A)
11:00-12:00	62.1	73.8	dB(A)
12:00-13:00	59.8	71.0	dB(A)
13:00-14:00	63.1	74.1	dB(A)
14:00-15:00	62.1	72.5	dB(A)
15:00-16:00	63.5	76.2	dB(A)
16:00-17:00	60.8	72.1	dB(A)
17:00-18:00	60.8	73.4	dB(A)
18:00-19:00	61.3	73.4	dB(A)
$L_{eq}$ 12 hr.	62.0	—	dB(A)
Standard	87 <sup>1)</sup>	140 <sup>1)</sup> , 115 <sup>2)</sup>	dB(A)

REMARK : <sup>1)</sup> Notification of The Ministry of Industry B.E. 2546 (2003)

<sup>2)</sup> Regulation

\* Ms. Thana

(Measurment)

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### TEST REPORT

CUSTOMER : NPC Safety and Environmental Service Co., Ltd.  
ADDRESS : 20/9 Pakomsongkrohroad Rd., T. Mapiaphut A. Muangrayong, Rayong 21150  
SAMPLE SOURCE : PTT Asahi Chemical Co., Ltd.  
SAMPLE POINT : Control Room  
PARAMETER\* :  $L_{eq}$  1 hr.,  $L_{eq}$  8 hr. &  $L_{max}$  : 06925  
DETERMINATION METHOD : ISO 11202:2010 MEASURING DATE : 26/04/2022  
INSTRUMENT : Integrated Sound Level Meter RECEIVED DATE : 28/04/2022  
S/N 01147298 : Type 2 REPORTED DATE : 05/05/2022

MEASURING TIME	RESULT		UNIT
	$L_{eq}$ 1 hr.	$L_{max}$	
07:00-08:00	62.2	72.1	dB(A)
08:00-09:00	62.1	74.7	dB(A)
09:00-10:00	63.1	73.0	dB(A)
10:00-11:00	62.2	73.8	dB(A)
11:00-12:00	62.1	73.8	dB(A)
12:00-13:00	59.8	71.0	dB(A)
13:00-14:00	63.1	74.1	dB(A)
14:00-15:00	62.1	72.5	dB(A)
$L_{eq}$ 8 hr.	62.2	—	dB(A)
Standard	90 <sup>1)</sup>	140 <sup>1)</sup> , 115 <sup>2)</sup>	dB(A)

REMARK : <sup>1)</sup> Notification of The Ministry of Industry B.E. 2546 (2003)

<sup>2)</sup> Regulation of The Ministry of Labour B.E. 2559 (2016)

\* Ms. Thanaporn Klinsoon is Section Head / Mrs. Wanpen Lhaochindawat is Technical Management

(Measurment)

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NSC-TISI-TIS 17025  
TESTING 0031

Request No. LA65-R0506  
Report No. R6505-0067

### TEST REPORT

CUSTOMER : NPC Safety and Environmental Service Co., Ltd.  
ADDRESS : 20/9 Pakomsongkrohrad Rd., T. Maphrathut A. Muangrayong, Rayong 21150  
SAMPLE SOURCE : PTT Asahi Chemical Co., Ltd.  
SAMPLE POINT : Compressor Room  
PARAMETER\* :  $L_{eq}$ ,  $L_{1hr}$ ,  $L_{12hr}$  &  $L_{max}$  : 06929  
DETERMINATION METHOD : ISO 11202:2010 : MEASURING DATE : 27/04/2022  
INSTRUMENT : Integrated Sound Level Meter : RECEIVED DATE : 28/04/2022  
S/N 01147298 : Type 2 : REPORTED DATE : 05/05/2022

MEASURING TIME	RESULT		UNIT
	$L_{eq}$	$L_{max}$	
07:00-08:00	64.6	77.2	dB(A)
08:00-09:00	64.5	69.7	dB(A)
09:00-10:00	64.6	67.0	dB(A)
10:00-11:00	64.5	79.2	dB(A)
11:00-12:00	64.4	74.9	dB(A)
12:00-13:00	64.3	75.4	dB(A)
13:00-14:00	64.1	67.9	dB(A)
14:00-15:00	64.2	68.3	dB(A)
15:00-16:00	64.0	69.7	dB(A)
16:00-17:00	64.2	69.4	dB(A)
17:00-18:00	64.4	69.0	dB(A)
18:00-19:00	64.5	69.3	dB(A)
$L_{eq}$ 12 hr.	64.4	—	dB(A)
Standard	87 <sup>1</sup>	140 <sup>1</sup> , 115 <sup>2</sup>	dB(A)

REMARK : <sup>1</sup> Notification of The Ministry of Industry B.E. 2546 (2003)

<sup>2</sup> Regulation of The Ministry of Labour B.E. 2559 (2016)

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### TEST REPORT

CUSTOMER : NPC Safety and Environmental Service Co., Ltd.  
ADDRESS : 20/9 Pakomsongkrohrad Rd., T. Maphrathut A. Muangrayong, Rayong 21150  
SAMPLE SOURCE : PTT Asahi Chemical Co., Ltd.  
SAMPLE POINT : Compressor Room  
PARAMETER\* :  $L_{eq}$ ,  $L_{1hr}$ ,  $L_{8hr}$  &  $L_{max}$  : 06926  
DETERMINATION METHOD : ISO 11202:2010 : MEASURING DATE : 27/04/2022  
INSTRUMENT : Integrated Sound Level Meter : RECEIVED DATE : 28/04/2022  
S/N 01147298 : Type 2 : REPORTED DATE : 05/05/2022

MEASURING TIME	RESULT		UNIT
	$L_{eq}$	$L_{max}$	
07:00-08:00	64.6	77.2	dB(A)
08:00-09:00	64.5	69.7	dB(A)
09:00-10:00	64.6	67.0	dB(A)
10:00-11:00	64.5	79.2	dB(A)
11:00-12:00	64.4	74.9	dB(A)
12:00-13:00	64.3	75.4	dB(A)
13:00-14:00	64.1	67.9	dB(A)
14:00-15:00	64.2	68.3	dB(A)
$L_{eq}$ 8 hr.	64.4	—	dB(A)
Standard	90 <sup>1</sup>	140 <sup>1</sup> , 115 <sup>2</sup>	dB(A)

REMARK : <sup>1</sup> Notification of The Ministry of Industry B.E. 2546 (2003)

<sup>2</sup> Regulation of The Ministry of Labour B.E. 2559 (2016)

\* Ms. Thanaporn Klinsoon is Section Head / Mrs. Wanpen Lhaochindawat is Technical Management

(Measurement By Mr. Wattana Khodla)

WITHOUT THE WRITTEN APPROVAL LABORATORY



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ISO 9001 / ISO 14001

Request No. LA65-R0506  
Report No. R6505-0068



## EASTERN THAI CONSULTING 1992 CO., LTD.

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ISO 9001 / ISO 14001

Request No. LA65-R0506  
Report No. R6505-0065

### TEST REPORT

CUSTOMER : NPC Safety and Environmental Service Co., Ltd.  
ADDRESS : 20/9 Pakomsongkrotrad Rd., T. Mapiaphut A. Muangrayong, Rayong 21150  
SAMPLE SOURCE : PTT Asahi Chemical Co., Ltd.  
SAMPLE POINT : Cooling Tower  
PARAMETER\* :  $L_{eq}$  1 hr.,  $L_{eq}$  12 hr. &  $L_{max}$  : 06930  
DETERMINATION METHOD : ISO 11202:2010 MEASURING DATE : 28/04/2022  
INSTRUMENT : Integrated Sound Level Meter RECEIVED DATE : 28/04/2022  
S/N 01147298 : Type 2 REPORTED DATE : 05/05/2022

MEASURING TIME	RESULT		UNIT
	$L_{eq}$ 1 hr.	$L_{max}$	
07:00-08:00	76.7	79.2	dB(A)
08:00-09:00	76.6	78.7	dB(A)
09:00-10:00	76.5	78.5	dB(A)
10:00-11:00	76.5	79.3	dB(A)
11:00-12:00	76.5	79.3	dB(A)
12:00-13:00	76.3	78.7	dB(A)
13:00-14:00	76.2	78.3	dB(A)
14:00-15:00	76.3	78.6	dB(A)
15:00-16:00	76.3	78.5	dB(A)
16:00-17:00	76.5	78.5	dB(A)
17:00-18:00	76.5	78.7	dB(A)
18:00-19:00	76.5	78.7	dB(A)
$L_{eq}$ 12 hr.	76.5	—	dB(A)
Standard	87 <sup>1)</sup>	140 <sup>1)</sup> , 115 <sup>2)</sup>	dB(A)

**REMARK :** <sup>1)</sup> Notification of The Ministry of Industry B.E. 2546 (2003)

<sup>2)</sup> Regulation of The Ministry of Labour B.E. 2559 (2016)

\* Ms. Thanap  
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### TEST REPORT

CUSTOMER : NPC Safety and Environmental Service Co., Ltd.  
ADDRESS : 20/9 Pakomsongkrotrad Rd., T. Mapiaphut A. Muangrayong, Rayong 21150  
SAMPLE SOURCE : PTT Asahi Chemical Co., Ltd.  
SAMPLE POINT : Cooling Tower  
PARAMETER\* :  $L_{eq}$  1 hr.,  $L_{eq}$  8 hr. &  $L_{max}$  : 06927  
DETERMINATION METHOD : ISO 11202:2010 MEASURING DATE : 28/04/2022  
INSTRUMENT : Integrated Sound Level Meter RECEIVED DATE : 28/04/2022  
S/N 01147298 : Type 2 REPORTED DATE : 05/05/2022

MEASURING TIME	RESULT		UNIT
	$L_{eq}$ 1 hr.	$L_{max}$	
07:00-08:00	76.7	79.2	dB(A)
08:00-09:00	76.6	78.7	dB(A)
09:00-10:00	76.5	78.5	dB(A)
10:00-11:00	76.5	79.3	dB(A)
11:00-12:00	76.5	79.3	dB(A)
12:00-13:00	76.3	78.7	dB(A)
13:00-14:00	76.2	78.3	dB(A)
14:00-15:00	76.3	78.6	dB(A)
$L_{eq}$ 8 hr.	76.5	—	dB(A)
Standard	90 <sup>1)</sup>	140 <sup>1)</sup> , 115 <sup>2)</sup>	dB(A)

**REMARK :** <sup>1)</sup> Notification of The Ministry of Industry B.E. 2546 (2003)

<sup>2)</sup> Regulation of The Ministry of Labour B.E. 2559 (2016)

\* Ms. Thanaporn Klinsoon is Section Head / Mrs. Wanpen Lhaochindawat is Technical Management  
(Measurement By Mr. Wattana Khodia)

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Request No. LA65-R0506

Report No. R6505-0069

### TEST REPORT

CUSTOMER : NPC Safety and Environmental Service Co., Ltd.  
ADDRESS : 20/9 Pakornsongsakrotrad Rd., T. Mapiaphut A. Muangrayong, Rayong 21150  
SAMPLE SOURCE : PTT Asahi Chemical Co., Ltd.  
SAMPLE POINT : Control Room  
PARAMETER\* : Noise Octave Band  
INSTRUMENT : Integrated Sound Level Meter  
MEASURING TIME : 07:00-19:00  
MEASURING DATE : 26/04/2022  
RECEIVED DATE : 28/04/2022  
REPORTED DATE : 05/05/2022

TIME	FREQUENCY	RESULT (dB(A))									
		31.5HZ	63HZ	125HZ	250HZ	500HZ	1KHZ	2KHZ	4KHZ	8KHZ	16KHZ
07:00-08:00	16.2	24.2	39.2	47.3	51.5	52.5	50.5	43.5	31.7	19.7	62.2
08:00-09:00	16.1	24.2	39.0	47.2	50.5	52.7	50.1	43.1	32.0	18.9	62.1
09:00-10:00	16.1	24.2	38.9	47.8	52.1	53.0	50.8	44.7	31.9	19.2	63.0
10:00-11:00	16.3	24.3	38.9	46.9	50.7	52.9	50.4	44.7	37.5	23.5	62.2
11:00-12:00	16.3	24.3	39.0	47.4	51.7	52.5	50.0	42.3	30.8	19.3	62.1
12:00-13:00	16.3	24.4	38.6	46.4	46.6	50.8	48.5	41.5	30.9	19.4	59.7
13:00-14:00	16.0	24.4	39.4	47.9	53.3	52.8	51.0	45.0	33.7	21.2	63.1
14:00-15:00	16.0	24.3	39.0	46.9	50.7	52.6	50.2	43.1	30.7	15.7	62.1
15:00-16:00	15.8	24.5	39.2	47.9	53.6	53.6	50.7	43.4	32.5	19.6	63.5
16:00-17:00	15.8	24.4	38.6	46.3	49.1	51.5	49.7	42.5	31.8	16.9	60.7
17:00-18:00	16.0	24.4	38.6	46.1	48.9	51.6	49.5	42.2	30.7	15.2	60.8
18:00-19:00	16.1	24.6	39.0	46.6	49.9	51.7	50.1	43.3	32.6	16.5	61.3
L <sub>eq</sub>	16.1	24.4	39.0	47.1	51.1	52.4	50.2	43.4	32.7	19.4	62.0

REMARK : \* Parameter Outside The Scope of The Registration of The Department of Industrial Works

(Measurement By Mr. Wattana Khotla)

ระดับเสียงตลอดช่วงเวลาก่อน (AP)

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

### TEST REPORT

CUSTOMER : NPC Safety and Environmental Service Co., Ltd.  
ADDRESS : 20/9 Pakornsongsakrotrad Rd., T. Mapiaphut A. Muangrayong, Rayong 21150  
SAMPLE SOURCE : PTT Asahi Chemical Co., Ltd.  
SAMPLE POINT : Compressor Room  
PARAMETER\* : Noise Octave Band  
INSTRUMENT : Integrated Sound Level Meter  
MEASURING TIME : 07:00-19:00  
MEASURING DATE : 27/04/2022  
RECEIVED DATE : 28/04/2022  
REPORTED DATE : 05/05/2022

TIME	FREQUENCY	RESULT (dB(A))									
		31.5HZ	63HZ	125HZ	250HZ	500HZ	1KHZ	2KHZ	4KHZ	8KHZ	16KHZ
07:00-08:00	25.6	42.3	46.7	49.8	51.0	52.2	50.2	51.5	44.3	25.3	64.7
08:00-09:00	28.2	42.5	46.4	49.6	50.6	52.6	50.0	51.5	44.3	24.6	64.5
09:00-10:00	30.6	42.7	46.1	49.7	50.5	52.6	50.2	52.4	44.8	26.3	64.7
10:00-11:00	25.2	42.1	46.0	49.8	50.4	53.1	50.3	51.4	44.3	24.5	64.5
11:00-12:00	24.0	42.4	46.2	49.7	50.5	52.5	50.4	51.3	44.4	24.7	64.5
12:00-13:00	22.4	41.6	45.4	49.4	53.3	52.1	50.3	51.3	44.3	24.4	64.4
13:00-14:00	25.4	41.9	45.5	49.8	50.1	51.3	50.2	51.2	44.3	24.4	64.1
14:00-15:00	29.6	42.2	45.6	49.8	50.4	51.1	50.4	51.1	44.4	24.6	64.2
15:00-16:00	27.3	42.2	45.4	49.5	50.3	51.0	50.2	50.9	44.5	24.6	64.0
16:00-17:00	26.2	42.0	45.7	49.7	50.1	51.8	49.9	50.9	44.4	24.5	64.2
17:00-18:00	21.0	41.9	46.0	49.9	50.0	52.2	49.8	51.1	44.3	24.7	64.4
18:00-19:00	26.3	42.2	46.2	50.0	50.4	52.9	49.8	51.0	44.2	24.5	64.5
L <sub>eq</sub>	26.8	42.2	46.0	49.7	50.7	52.2	50.1	51.3	44.4	24.8	64.4

REMARK : \* Parameter Outside The Scope of The Registration of The Department of Industrial Works

(Measurement By Mr. Wattana Khotla)

ระดับเสียงตลอดช่วงเวลาก่อน (AP)

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Request No. LA65-R0506  
Report No. R6505-0071

TEST REPORT

CUSTOMER : NPC Safety and Environmental Service Co., Ltd.

ADDRESS : 20/9 Pakornsongkrohroad Rd., T. Maptaphut A. Muangrayong, Rayong 21150

SAMPLE SOURCE : PTT Asahi Chemical Co., Ltd.

SAMPLE POINT : Cooling Tower

PARAMETER\* : Noise Octave Band

INSTRUMENT : Integrated Sound Level Meter

: S/N 01147298

SAMPLE NO. : 06933

MEASURING TIME : 07:00-19:00

MEASURING DATE : 28/04/2022

RECEIVED DATE : 28/04/2022

REPORTED DATE : 05/05/2022

TIME		RESULT [dB(A)]										
FREQUENCY	31.5HZ	63HZ	125HZ	250HZ	500HZ	1KHZ	2KHZ	4KHZ	8KHZ	16KHZ	AP	
07:00-08:00	34.2	52.1	60.2	59.2	61.4	63.0	62.6	62.3	59.1	48.3	76.7	
08:00-09:00	34.1	52.0	60.2	59.1	61.3	62.9	62.5	62.4	59.2	48.2	76.7	
09:00-10:00	34.0	52.3	60.0	59.0	60.9	62.8	62.4	62.2	59.1	48.1	76.5	
10:00-11:00	34.1	52.1	60.0	59.0	60.9	62.8	62.3	62.1	59.1	48.1	76.5	
11:00-12:00	33.9	52.2	59.8	58.9	60.7	62.8	62.3	62.0	59.0	47.9	76.5	
12:00-13:00	33.8	52.3	59.7	59.0	60.4	62.7	62.3	61.9	58.9	47.9	76.4	
13:00-14:00	33.8	52.4	59.7	59.0	60.5	62.7	62.3	61.9	58.9	47.9	76.2	
14:00-15:00	33.7	52.5	59.5	59.0	60.5	62.7	62.4	61.9	58.9	47.9	76.3	
15:00-16:00	33.5	52.1	59.3	59.0	60.6	62.7	62.4	62.0	58.9	47.9	76.3	
16:00-17:00	34.1	52.7	59.6	58.9	60.9	62.8	62.4	62.0	58.9	47.9	76.5	
17:00-18:00	33.7	52.3	60.0	58.9	61.2	62.9	62.4	62.1	59.0	48.1	76.6	
18:00-19:00	33.8	52.0	60.2	59.0	61.4	62.9	62.5	62.2	59.1	48.2	76.6	
L <sub>eq</sub>	33.9	52.3	59.9	59.0	60.9	62.8	62.4	62.1	59.0	48.0	76.5	

REMARK : \* Parameter Outside The Scope of The Registration of The Department of Industrial Works  
(Measurement By Mr. Wattana Kholla)  
ระดับเสียงตลอดช่วงเวลาควัด (AP)

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