

ระดับเสียงในสถานประกอบการ

Request No. LA67-R1044

Report No. R6710-1913

TEST REPORT

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

ADDRESS : 20/9 Pakomsongkrohrad Rd., T. Maplapthut A. Muangrayong, Rayong 21150

SAMPLE SOURCE : PTT Asahi Chemical Co., Ltd.

SAMPLE POINT : MMA_AMS Operator (กลุ่มสารพิษ แสงอุจจาระ)

MEASURING DATE : 04/10/2024 SAMPLE NO. : 36888

RECEIVED DATE : 07/10/2024 SAMPLING TIME : 07:00-19:00

SAMPLING INSTRUMENT : Noise dosimeter : S/N CB0641 REPORTED DATE : 12/10/2024

PARAMETER*	RESULT	STANDARD	UNIT
Time weighted average level (12-hr TWA) [#]	68.0	83 ^{/1}	dB(A)
L _{max} 12 hr	84.5	115 ^{/3}	dB(A)
12 Hour dose	3.00	100 ^{/2}	%
Time weighted average level (8-hr TWA) [#]	69.8	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)Approved By.....
(MRS. WANPEN LHAOCHINDAWAT)

12/10/2024

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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. Maplapthut A. Muangrayong, Rayong 21150

SAMPLE SOURCE : PTT Asahi Chemical Co., Ltd.

SAMPLE POINT : AN_FGU+AOG Operator (กลุ่มรีฟิวซ์ วงศ์วารีห่อ)

MEASURING DATE : 04/10/2024 SAMPLE NO. : 36889

RECEIVED DATE : 07/10/2024 SAMPLING TIME : 07:00-19:00

SAMPLING INSTRUMENT : Noise dosimeter : S/N CA8879 REPORTED DATE : 12/10/2024

PARAMETER*	RESULT	STANDARD	UNIT
Time weighted average level (12-hr TWA) [#]	77.2	83 ^{/1}	dB(A)
L _{max} 12 hr	93.7	115 ^{/3}	dB(A)
12 Hour dose	25.00	100 ^{/2}	%
Time weighted average level (8-hr TWA) [#]	79.0	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. Pornnapa Phongphet)Approved By.....
(MRS. WANPEN LHAOCHINDAWAT)

12/10/2024

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Request No. LA67-R10100

Report No. R6710-5468

TEST REPORT

CUSTOMER : NPC Safety and Environmental Service Co., Ltd.
ADDRESS : 20/9 Pakornsongkrohroad Rd., T. Mapiaphut A. Muangrayong, Rayong 21150
SAMPLE SOURCE : PTT Asahi Chemical Co., Ltd.
SAMPLE POINT : AN_Cooling Tower + Metering & Flare + Refrigeration Operator (จุดเก็บน้ำทิ้ง)
MEASURING DATE : 29/10/2024 SAMPLE NO. : 40579
RECEIVED DATE : 29/10/2024 SAMPLING TIME : 07:00-19:00
SAMPLING INSTRUMENT : Noise dosimeter : S/N CB1365 REPORTED DATE : 31/10/2024

PARAMETER*	RESULT	STANDARD	UNIT
Time weighted average level (12-hr TWA) [#]	63.1	83 ^{/1}	dB(A)
L _{max} 12 hr	89.4	115 ^{/3}	dB(A)
12 Hour dose	0.96	100 ^{/2}	%
Time weighted average level (8-hr TWA) [#]	64.8	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. Savita Kitinoavarat)



Approved By.....
(MRS. WANPEN LHAOCHINDAWAT)

31/10/2024

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Request No. LA67-R1044

Report No. R6710-1916

TEST REPORT

CUSTOMER : NPC Safety and Environmental Service Co., Ltd.
ADDRESS : 20/9 Pakornsongkrohroad Rd., T. Mapiaphut A. Muangrayong, Rayong 21150
SAMPLE SOURCE : PTT Asahi Chemical Co., Ltd.
SAMPLE POINT : AN_Recovery Operator (จุดไถ่กลับ ก๊าซ)
MEASURING DATE : 04/10/2024 SAMPLE NO. : 36891
RECEIVED DATE : 07/10/2024 SAMPLING TIME : 07:00-19:00
SAMPLING INSTRUMENT : Noise dosimeter : S/N CA8888 REPORTED DATE : 12/10/2024

PARAMETER*	RESULT	STANDARD	UNIT
Time weighted average level (12-hr TWA) [#]	78.0	83 ^{/1}	dB(A)
L _{max} 12 hr	93.4	115 ^{/3}	dB(A)
12 Hour dose	30.00	100 ^{/2}	%
Time weighted average level (8-hr TWA) [#]	79.8	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 Phonphet)



Approved By.....
(MRS. WANPEN LHAOCHINDAWAT)

12/10/2024

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Request No. LA67-R.1074
Report No. R6710-3753

TEST REPORT

CUSTOMER : NPC Safety and Environmental Service Co., Ltd.
ADDRESS : 20/9 Pakomsongkrohroad Rd., T. Maplaphut A. Muangrayong, Rayong 21150
SAMPLE SOURCE : PTT Asahi Chemical Co., Ltd.
SAMPLE POINT : AN_WWI Operator (อุโมงค์บำบัด สุขาภิบาล)
MEASURING DATE : 18/10/2024
RECEIVED DATE : 18/10/2024
SAMPLING INSTRUMENT : Noise dosimeter : SN CB0640
REPORTED DATE : 21/10/2024

PARAMETER*	RESULT	STANDARD	UNIT
Time weighted average level (12-hr TWA) [#]	77.7	83 ^{1/}	dB(A)
L _{max} 12 hr	98.1	115 ^{3/}	dB(A)
12 Hour dose	28.00	100 ^{2/}	%
Time weighted average level (8-hr TWA) [#]	79.5	85 ^{1/}	dB(A)

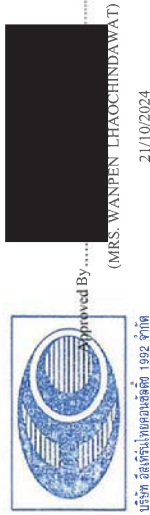
REMARK : ^{1/} Notification of The Department of Labour Protection and Welfare B.E. 2561 (2018)

^{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. Jularat Suksaget)



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Request No. LA67-R.1044
Report No. R6710-1917

TEST REPORT

CUSTOMER : NPC Safety and Environmental Service Co., Ltd.
ADDRESS : 20/9 Pakomsongkrohroad Rd., T. Maplaphut A. Muangrayong, Rayong 21150
SAMPLE SOURCE : PTT Asahi Chemical Co., Ltd.
SAMPLE POINT : AN_Reaction Operator (อุโมงค์ปฏิกิริยา เตาถ่าน)
MEASURING DATE : 04/10/2024
RECEIVED DATE : 07/10/2024
SAMPLING INSTRUMENT : Noise dosimeter : SN CB0642
REPORTED DATE : 12/10/2024

PARAMETER*	RESULT	STANDARD	UNIT
Time weighted average level (12-hr TWA) [#]	82.7	83 ^{1/}	dB(A)
L _{max} 12 hr	97.7	115 ^{3/}	dB(A)
12 Hour dose	87.40	100 ^{2/}	%
Time weighted average level (8-hr TWA) [#]	84.4	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. Pornnapi Phonphet)



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Request No. LA67-R1044
Report No. R6710-1924

TEST REPORT

CUSTOMER : NPC Safety and Environmental Service Co., Ltd.
ADDRESS : 20/9 Pakornsongkrohah 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} SAMPLE NO. : 36899
DETERMINATION METHOD : ISO 11202:2010 MEASURING DATE : 04/10/2024
INSTRUMENT : Integrated Sound Level Meter RECEIVED DATE : 07/10/2024
S/N 00322747 : Class 2 REPORTED DATE : 12/10/2024

MEASURING TIME	RESULT		UNIT
	L_{eq} 1 hr.	L_{max}	
11:00 - 12:00	61.6	79.9	dB(A)
12:00 - 13:00	60.6	85.6	dB(A)
13:00 - 14:00	61.9	73.2	dB(A)
14:00 - 15:00	60.7	71.3	dB(A)
15:00 - 16:00	61.3	71.7	dB(A)
16:00 - 17:00	62.0	70.3	dB(A)
17:00 - 18:00	60.9	77.7	dB(A)
18:00 - 19:00	60.6	72.1	dB(A)
19:00 - 20:00	63.6	77.0	dB(A)
20:00 - 21:00	60.9	72.4	dB(A)
21:00 - 22:00	58.6	69.0	dB(A)
22:00 - 23:00	58.9	69.2	dB(A)
L_{eq} 12 hr.	61.2	—	dB(A)
Standard	$140^{1/1}, 115^{1/2}$		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. Pornnapa Phongphet)



Approved By ...

12/10/2024

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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TEST REPORT

CUSTOMER : NPC Safety and Environmental Service Co., Ltd.
ADDRESS : 20/9 Pakornsongkrohah 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} SAMPLE NO. : 36902
DETERMINATION METHOD : ISO 11202:2010 MEASURING DATE : 04/10/2024
INSTRUMENT : Integrated Sound Level Meter RECEIVED DATE : 07/10/2024
S/N 00322747 : Class 2 REPORTED DATE : 12/10/2024

MEASURING TIME	RESULT		UNIT
	L_{eq} 1 hr.	L_{max}	
11:00 - 12:00	61.6	79.9	dB(A)
12:00 - 13:00	60.6	85.6	dB(A)
13:00 - 14:00	61.9	73.2	dB(A)
14:00 - 15:00	60.7	71.3	dB(A)
15:00 - 16:00	61.3	71.7	dB(A)
16:00 - 17:00	62.0	70.3	dB(A)
17:00 - 18:00	60.9	77.7	dB(A)
18:00 - 19:00	60.6	72.1	dB(A)
L_{eq} 8 hr.	61.2	—	dB(A)
Standard	$90^{1/1}, 140^{1/1}, 115^{1/2}$		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. Pornnapa Phongphet)



Approved By ...

12/10/2024

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TEST REPORT

CUSTOMER : NPC Safety and Environmental Service Co., Ltd.
ADDRESS : 20/9 Pakomsongkroh Rd., T. Mapiaphut A. Muangrayong, Rayong 21150
SAMPLE SOURCE : PTT Asahi Chemical Co., Ltd.
SAMPLE POINT : Control Room
MEASURING DATE : 04/10/2024
PARAMETER* : Noise Octave Band
INSTRUMENT : Integrated Sound Level Meter
REPORTED DATE : 12/10/2024

TIME	RESULT (dB(A))										
	FREQUENCY	31.5HZ	63HZ	125HZ	250HZ	500HZ	1KHZ	2KHZ	4KHZ	8KHZ	16KHZ
11:00 - 12:00		23.9	30.3	41.2	55.9	55.7	56.0	53.6	47.8	35.3	19.3
12:00 - 13:00		23.6	30.1	40.3	50.2	54.7	56.5	53.6	57.3	35.3	19.3
13:00 - 14:00		23.7	30.0	41.2	51.1	57.1	57.1	54.8	48.5	36.0	20.2
14:00 - 15:00		23.7	30.0	41.1	50.9	55.5	55.9	53.7	47.6	35.4	19.3
15:00 - 16:00		23.7	30.0	42.2	51.4	57.0	56.1	53.9	47.5	36.3	20.5
16:00 - 17:00		23.7	30.1	42.0	51.6	57.6	57.0	54.4	48.0	36.6	21.4
17:00 - 18:00		23.7	30.1	40.7	49.3	55.9	56.2	53.9	48.0	36.4	20.1
18:00 - 19:00		23.7	30.1	41.1	49.6	55.9	55.8	53.5	47.2	35.4	19.2
19:00 - 20:00		23.7	30.2	42.7	51.8	59.1	58.8	56.4	49.7	38.4	24.8
20:00 - 21:00		23.6	30.0	40.9	49.7	55.8	56.2	54.1	48.0	35.9	20.0
21:00 - 22:00		23.6	30.0	40.2	49.2	52.2	54.0	52.3	46.9	35.6	19.4
22:00 - 23:00		23.5	29.9	40.5	48.7	52.9	54.2	52.4	47.0	35.9	19.8
L _{eq}		23.7	30.1	41.2	51.3	56.1	56.3	54.0	50.1	36.1	20.6

* Parameter Outside The Scope of The Registration of The Department of Industrial Works

(Measurement By Ms. Pornnapha Phongphet)

ระดับเสียงตลอดช่วงความถี่ (AP)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด
(MRS. WANPEN LHAOCHINDAWAT)

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TEST REPORT

CUSTOMER : NPC Safety and Environmental Service Co., Ltd.
ADDRESS : 20/9 Pakomsongkroh Rd., T. Mapiaphut A. Muangrayong, Rayong 21150
SAMPLE SOURCE : PTT Asahi Chemical Co., Ltd.
SAMPLE POINT : Compressor Room
PARAMETER* : L_{eq} 1 hr., L_{eq} 12 hr. & L_{max}
DETERMINATION METHOD : ISO 11202:2010
INSTRUMENT : Integrated Sound Level Meter
REPORTED DATE : 12/10/2024

MEASURING TIME	RESULT		UNIT
	L _{eq} 1 hr.	L _{max}	
11:00 - 12:00	79.1	108.5	dB(A)
12:00 - 13:00	64.9	73.2	dB(A)
13:00 - 14:00	63.8	68.2	dB(A)
14:00 - 15:00	63.1	65.9	dB(A)
15:00 - 16:00	63.6	73.8	dB(A)
16:00 - 17:00	64.1	69.9	dB(A)
17:00 - 18:00	64.1	68.7	dB(A)
18:00 - 19:00	64.1	70.0	dB(A)
19:00 - 20:00	64.3	74.4	dB(A)
20:00 - 21:00	64.1	74.8	dB(A)
21:00 - 22:00	63.9	66.7	dB(A)
22:00 - 23:00	63.9	67.1	dB(A)
L _{eq} 12 hr.	69.6	—	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. Pornnapha Phongphet)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด
(MRS. WANPEN LHAOCHINDAWAT)

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Request No. LA67-R1044

Report No. R6710-1925

TEST REPORT

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

ADDRESS : 20/9 Pakornsongkroh Rd., T. Mapiaphut A. Muangrayong, Rayong 21150

SAMPLE SOURCE : PTT Asahi Chemical Co., Ltd.

SAMPLE POINT : Compressor Room

PARAMETER* : L_{eq} 1 hr., L_{eq} 8 hr. & L_{max} SAMPLE NO. : 36900

DETERMINATION METHOD : ISO 11202:2010 MEASURING DATE : 04/10/2024

INSTRUMENT : Integrated Sound Level Meter RECEIVED DATE : 07/10/2024

REPORTED DATE : 12/10/2024

MEASURING TIME	RESULT		UNIT
	L_{eq} 1 hr.	L_{max}	
11:00 - 12:00	79.1	108.5	dB(A)
12:00 - 13:00	64.9	73.2	dB(A)
13:00 - 14:00	63.8	68.2	dB(A)
14:00 - 15:00	63.1	65.9	dB(A)
15:00 - 16:00	63.6	73.8	dB(A)
16:00 - 17:00	64.1	69.9	dB(A)
17:00 - 18:00	64.1	68.7	dB(A)
18:00 - 19:00	64.1	70.0	dB(A)
L_{eq} 8 hr.	70.9	-	dB(A)
Standard	$90^{1/1}$	$140^{1/1}, 115^{1/2}$	dB(A)

REMARK : ^{1/1} Notification of The Ministry of Industry B.E. 2546 (2003)

^{1/2} Regulation of The Ministry of Labour B.E. 2559 (2016)

* (Measurement By Ms. Pornnapa Phongphet)



Approved By

(MRS. WANPEN LHAOCHINDAWAT)

12/10/2024

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TEST REPORT

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

ADDRESS : 20/9 Pakornsongkroh Rd., T. Mapiaphut A. Muangrayong, Rayong 21150

SAMPLE SOURCE : PTT Asahi Chemical Co., Ltd.

SAMPLE POINT : Compressor Room

MEASURING DATE : 04/10/2024

PARAMETER* : Noise Octave Band SAMPLE NO. : 36903

INSTRUMENT : Integrated Sound Level Meter MEASURING TIME : 11:00-23:00

REPORTED DATE : 12/10/2024

TIME	FREQUENCY	RESULT [dB(A)]										AP
		31.5HZ	63HZ	125HZ	250HZ	500HZ	1KHZ	2KHZ	4KHZ	8KHZ	16KHZ	
11:00 - 12:00	38.2	52.3	64.7	71.9	73.8	73.0	70.7	67.4	60.1	50.3	79.1	
12:00 - 13:00	33.6	46.3	52.0	58.6	58.5	57.4	55.6	56.5	51.0	38.1	64.9	
13:00 - 14:00	31.9	44.7	50.1	58.1	57.1	56.6	53.8	55.1	49.9	33.1	63.8	
14:00 - 15:00	30.7	43.7	49.6	57.5	55.5	55.6	53.7	55.0	50.2	32.6	63.1	
15:00 - 16:00	31.4	44.3	49.8	57.4	55.7	56.1	54.0	56.0	53.0	34.3	63.6	
16:00 - 17:00	32.4	45.1	50.4	57.8	57.5	57.3	54.3	55.6	50.1	33.8	64.1	
17:00 - 18:00	32.3	45.0	50.4	57.8	57.5	57.3	54.2	55.3	49.9	33.7	64.1	
18:00 - 19:00	32.2	45.2	50.3	57.7	57.5	57.3	54.4	55.8	49.9	33.7	64.1	
19:00 - 20:00	32.1	45.1	50.5	57.7	57.6	57.6	54.7	56.2	49.9	33.9	64.3	
20:00 - 21:00	32.2	45.1	50.1	57.7	57.3	57.4	54.4	55.6	49.8	33.8	64.1	
21:00 - 22:00	32.1	44.9	49.7	57.6	57.3	57.3	54.1	55.5	49.8	33.8	63.9	
22:00 - 23:00	32.0	44.8	49.7	57.6	57.3	57.2	54.1	55.4	49.8	33.5	63.9	
L_{eq}	33.1	46.3	55.4	62.7	64.0	63.3	60.9	59.0	52.7	40.6	69.6	

* Parameter Outside The Scope of The Registration of The Department of Industrial Works

(Measurement By Ms. Pornnapa Phongphet)

ระดับเสียงตลอดช่วงความถี่ (AP)



Approved By

(MRS. WANPEN LHAOCHINDAWAT)

12/10/2024

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Request No. LA67-R1044
Report No. R6710-1923

TEST REPORT

CUSTOMER : NPC Safety and Environmental Service Co., Ltd.
ADDRESS : 20/9 Pakomsongkrohroad Rd., T. Maptaphut 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} : 36898

DETERMINATION METHOD : ISO 11202:2010
INSTRUMENT : Integrated Sound Level Meter
S/N 00322752 : Class 2
MEASURING DATE : 04/10/2024
RECEIVED DATE : 07/10/2024
REPORTED DATE : 12/10/2024

MEASURING TIME	RESULT		UNIT
	L_{eq} 1 hr.	L_{max}	
11:00 - 12:00	79.3	102.5	dB(A)
12:00 - 13:00	76.2	78.5	dB(A)
13:00 - 14:00	76.0	78.6	dB(A)
14:00 - 15:00	76.2	78.7	dB(A)
15:00 - 16:00	76.0	79.6	dB(A)
16:00 - 17:00	76.6	77.9	dB(A)
17:00 - 18:00	75.7	77.8	dB(A)
18:00 - 19:00	75.6	79.0	dB(A)
19:00 - 20:00	76.0	79.2	dB(A)
20:00 - 21:00	76.0	78.3	dB(A)
21:00 - 22:00	75.8	77.5	dB(A)
22:00 - 23:00	75.4	77.5	dB(A)
L_{eq} 12 hr.	76.4	-	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. Pormapa Phongphet)



Approved By ...
(MRS. WANPEN LHAOCHINDAWAT)

12/10/2024

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



Request No. LA67-R1044
Report No. R6710-1926

TEST REPORT

CUSTOMER : NPC Safety and Environmental Service Co., Ltd.
ADDRESS : 20/9 Pakomsongkrohroad Rd., T. Maptaphut 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} : 36901

DETERMINATION METHOD : ISO 11202:2010
INSTRUMENT : Integrated Sound Level Meter
S/N 00322752 : Class 2
MEASURING DATE : 04/10/2024
RECEIVED DATE : 07/10/2024
REPORTED DATE : 12/10/2024

MEASURING TIME	RESULT		UNIT
	L_{eq} 1 hr.	L_{max}	
11:00 - 12:00	79.3	102.5	dB(A)
12:00 - 13:00	76.2	78.5	dB(A)
13:00 - 14:00	76.0	78.6	dB(A)
14:00 - 15:00	76.2	78.6	dB(A)
15:00 - 16:00	76.0	78.7	dB(A)
16:00 - 17:00	76.6	79.6	dB(A)
17:00 - 18:00	75.7	77.9	dB(A)
18:00 - 19:00	75.6	77.8	dB(A)
L_{eq} 8 hr.	76.6	-	dB(A)
Standard	90 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. Pormapa Phongphet)



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