

ระดับเสียงทั่วไป ( $L_{eq}$ -24 hr.)



Request No. LA67-R.075  
Report No. R6710-3804

TEST REPORT

CUSTOMER : NPC Safety and Environmental Service Co., Ltd.  
ADDRESS : 209 Pakomsongkrohrad Rd., T. Muaputur A. Muangrayong, Rayong 21150  
SAMPLE SOURCE : PTT Asahi Chemical Co., Ltd.  
SAMPLE POINT : บริเวณวัดบ้านคูตัด  
PARAMETER\* :  $L_{eq}$  1 hr.,  $L_{eq}$  24 hr.,  $L_{max}$ ,  $L_{eq}$  &  $L_{min}$   
DETERMINATION METHOD : ISO 1996-1:2016  
INSTRUMENT : Integrated Sound Level Meter  
SN G301660 : Class 2

TIME \ DATE	03-04/10/2024 ( $L_{eq}$ )	03-04/10/2024 ( $L_{max}$ )	03-04/10/2024 ( $L_{eq}$ )	UNIT
10:00 - 11:00 <sup>3</sup>	61.3	81.1	54.1	dB(A)
11:00 - 12:00	61.9	79.8	54.4	dB(A)
12:00 - 13:00	58.6	79.0	49.3	dB(A)
13:00 - 14:00	59.6	76.6	53.3	dB(A)
14:00 - 15:00	57.5	72.8	50.0	dB(A)
15:00 - 16:00	59.0	76.9	51.8	dB(A)
16:00 - 17:00	60.1	85.6	49.6	dB(A)
17:00 - 18:00	61.6	87.4	49.7	dB(A)
18:00 - 19:00	57.6	74.3	48.2	dB(A)
19:00 - 20:00	56.8	72.8	48.8	dB(A)
20:00 - 21:00	59.0	77.5	48.2	dB(A)
21:00 - 22:00	52.1	69.9	47.0	dB(A)
22:00 - 23:00	52.0	71.1	47.7	dB(A)
23:00 - 00:00	52.5	72.9	49.1	dB(A)
00:00 - 01:00	56.4	74.0	50.6	dB(A)
01:00 - 02:00	54.4	71.2	52.9	dB(A)
02:00 - 03:00	54.8	69.8	53.4	dB(A)
03:00 - 04:00	55.2	68.1	53.8	dB(A)
04:00 - 05:00	58.1	69.6	54.2	dB(A)
05:00 - 06:00	71.2	77.8	69.2	dB(A)
06:00 - 07:00	61.9	75.3	56.6	dB(A)
07:00 - 08:00	62.9	83.6	56.4	dB(A)
08:00 - 09:00	67.2	80.2	57.4	dB(A)
09:00 - 10:00	69.0	84.0	56.6	dB(A)
$L_{eq}$ 24 hr.	62.5	*	*	dB(A)
$L_{min}$	69.1	*	*	dB(A)
Maximum	*	87.4	*	dB(A)
Standard	70 <sup>a</sup> , 70 <sup>b</sup>	115 <sup>a</sup> , 115 <sup>b</sup>	-	dB(A)

REMARK : <sup>a</sup> Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)

<sup>b</sup> Notification of Ministry of The Industry B.E. 2548 (2005)



Start Time  
Parameter Outside The Scope of The Registration  
(Measurement By Mr. Seksan Pluemwong)

Approved By :  
(MRS. WANPEN LHAOCHINDAWAT)  
22/10/2024

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



Request No. LA67-R.075  
Report No. R6710-3805

TEST REPORT

CUSTOMER : NPC Safety and Environmental Service Co., Ltd.  
ADDRESS : 209 Pakomsongkrohrad Rd., T. Muaputur A. Muangrayong, Rayong 21150  
SAMPLE SOURCE : PTT Asahi Chemical Co., Ltd.  
SAMPLE POINT : บริเวณวัดบ้านคูตัด  
PARAMETER\* :  $L_{eq}$  1 hr.,  $L_{eq}$  24 hr.,  $L_{max}$ ,  $L_{eq}$  &  $L_{min}$   
DETERMINATION METHOD : ISO 1996-1:2016  
INSTRUMENT : Integrated Sound Level Meter  
SN G301660 : Class 2

TIME \ DATE	04-05/10/2024 ( $L_{eq}$ )	04-05/10/2024 ( $L_{max}$ )	04-05/10/2024 ( $L_{eq}$ )	UNIT
10:00 - 11:00 <sup>3</sup>	69.0	85.2	58.5	dB(A)
11:00 - 12:00	73.4	97.7	67.5	dB(A)
12:00 - 13:00	59.3	77.2	50.1	dB(A)
13:00 - 14:00	57.2	73.8	47.4	dB(A)
14:00 - 15:00	56.0	73.8	45.2	dB(A)
15:00 - 16:00	57.0	70.6	48.3	dB(A)
16:00 - 17:00	59.2	78.1	49.5	dB(A)
17:00 - 18:00	60.3	82.3	48.8	dB(A)
18:00 - 19:00	56.9	69.6	49.2	dB(A)
19:00 - 20:00	57.1	74.5	50.2	dB(A)
20:00 - 21:00	57.7	76.9	50.5	dB(A)
21:00 - 22:00	54.0	69.3	49.9	dB(A)
22:00 - 23:00	53.2	73.8	49.2	dB(A)
23:00 - 00:00	51.3	67.6	47.9	dB(A)
00:00 - 01:00	52.2	65.6	48.7	dB(A)
01:00 - 02:00	52.8	64.8	51.1	dB(A)
02:00 - 03:00	53.9	64.1	52.6	dB(A)
03:00 - 04:00	53.9	72.8	51.6	dB(A)
04:00 - 05:00	51.5	67.0	46.6	dB(A)
05:00 - 06:00	55.8	72.4	48.2	dB(A)
06:00 - 07:00	62.2	78.4	53.9	dB(A)
07:00 - 08:00	62.5	85.1	51.9	dB(A)
08:00 - 09:00	58.8	76.5	48.2	dB(A)
09:00 - 10:00	57.6	75.1	48.3	dB(A)
$L_{eq}$ 24 hr.	62.5	*	*	dB(A)
$L_{min}$	64.8	*	*	dB(A)
Maximum	*	97.7	*	dB(A)
Standard	70 <sup>a</sup> , 70 <sup>b</sup>	115 <sup>a</sup> , 115 <sup>b</sup>	-	dB(A)

REMARK : <sup>a</sup> Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)

<sup>b</sup> Notification of Ministry of The Industry B.E. 2548 (2005)



Start Time  
Parameter Outside The Scope of The Registration  
(Measurement By Mr. Seksan Pluemwong)

Approved By :  
(MRS. WANPEN LHAOCHINDAWAT)  
22/10/2024

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Request No. LA67-R1075  
Report No. R6710-3806

TEST REPORT

CUSTOMER : NPC Safety and Environmental Service Co., Ltd.  
ADDRESS : 20/9 Pakomsongrakroad Rd., T. Muapahut A. Muangrayong, Rayong 21150  
SAMPLE SOURCE : PTT Asahi Chemical Co., Ltd.  
SAMPLE POINT : บริเวณถังเก็บน้ำดิบ  
PARAMETER\* :  $L_{eq}$  1 hr.,  $L_{eq}$  24 hr.,  $L_{max}$ ,  $L_{eq}$  &  $L_{in}$   
DETERMINATION METHOD : ISO 1996-1:2016  
INSTRUMENT : Integrated Sound Level Meter  
S/N G301660 : Class 2

SAMPLE NO. : 38806  
MEASURING DATE : 05-06/10/2024  
RECEIVED DATE : 10/10/2024  
REPORTED DATE : 22/10/2024

TIME \ DATE	05-06/10/2024 ( $L_{eq}$ )	05-06/10/2024 ( $L_{max}$ )	UNIT
10:00 - 11:00 <sup>a</sup>	57.2	78.2	dB(A)
11:00 - 12:00	60.0	85.3	dB(A)
12:00 - 13:00	58.7	76.6	dB(A)
13:00 - 14:00	63.6	75.2	dB(A)
14:00 - 15:00	57.6	78.9	dB(A)
15:00 - 16:00	56.0	74.1	dB(A)
16:00 - 17:00	68.5	88.5	dB(A)
17:00 - 18:00	67.0	90.9	dB(A)
18:00 - 19:00	58.8	78.0	dB(A)
19:00 - 20:00	59.5	86.1	dB(A)
20:00 - 21:00	54.0	70.5	dB(A)
21:00 - 22:00	52.5	69.2	dB(A)
22:00 - 23:00	51.8	66.7	dB(A)
23:00 - 00:00	51.9	70.2	dB(A)
00:00 - 01:00	53.2	74.2	dB(A)
01:00 - 02:00	53.2	72.9	dB(A)
02:00 - 03:00	53.1	70.8	dB(A)
03:00 - 04:00	52.5	64.5	dB(A)
04:00 - 05:00	60.5	73.2	dB(A)
05:00 - 06:00	55.4	72.5	dB(A)
06:00 - 07:00	61.3	81.9	dB(A)
07:00 - 08:00	60.3	75.1	dB(A)
08:00 - 09:00	55.8	74.4	dB(A)
09:00 - 10:00	57.3	77.8	dB(A)
$L_{eq}$ 24 hr.	60.3	*	dB(A)
$L_{in}$	64.0	*	dB(A)
Maximum	*	90.9	dB(A)
Standard	70 <sup>a</sup> , 70 <sup>b</sup>	115 <sup>a</sup> , 115 <sup>b</sup>	dB(A)

REMARK : <sup>a</sup> Notification of Office of The National Environmental Board Volume 15 B.E. 2548 (1997)

<sup>a</sup> Start Time

\* Parameter Outside The Scope of The Registration  
(Measurement By Mr. Seksan Pluenwong)



Approved By: (MRS. WANPEN LHAOCHINDAWAT) 22/10/2024

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TEST REPORT

CUSTOMER : NPC Safety and Environmental Service Co., Ltd.  
ADDRESS : 20/9 Pakomsongrakroad Rd., T. Muapahut A. Muangrayong, Rayong 21150  
SAMPLE SOURCE : PTT Asahi Chemical Co., Ltd.  
SAMPLE POINT : บริเวณถังเก็บน้ำดิบ  
PARAMETER\* :  $L_{eq}$  1 hr.,  $L_{eq}$  24 hr.,  $L_{max}$ ,  $L_{eq}$  &  $L_{in}$   
DETERMINATION METHOD : ISO 1996-1:2016  
INSTRUMENT : Integrated Sound Level Meter  
S/N G301660 : Class 2

SAMPLE NO. : 38807  
MEASURING DATE : 06-07/10/2024  
RECEIVED DATE : 10/10/2024  
REPORTED DATE : 22/10/2024

TIME \ DATE	06-07/10/2024 ( $L_{eq}$ )	06-07/10/2024 ( $L_{max}$ )	UNIT
10:00 - 11:00 <sup>a</sup>	55.2	74.9	dB(A)
11:00 - 12:00	57.0	79.8	dB(A)
12:00 - 13:00	61.5	80.5	dB(A)
13:00 - 14:00	56.6	74.4	dB(A)
14:00 - 15:00	54.8	70.9	dB(A)
15:00 - 16:00	62.2	72.9	dB(A)
16:00 - 17:00	64.2	78.8	dB(A)
17:00 - 18:00	58.8	79.6	dB(A)
18:00 - 19:00	57.1	71.4	dB(A)
19:00 - 20:00	56.4	76.8	dB(A)
20:00 - 21:00	55.6	78.2	dB(A)
21:00 - 22:00	52.9	72.1	dB(A)
22:00 - 23:00	53.0	77.2	dB(A)
23:00 - 00:00	51.5	68.4	dB(A)
00:00 - 01:00	51.4	68.7	dB(A)
01:00 - 02:00	51.5	70.7	dB(A)
02:00 - 03:00	51.8	61.7	dB(A)
03:00 - 04:00	53.7	83.6	dB(A)
04:00 - 05:00	54.0	76.3	dB(A)
05:00 - 06:00	56.7	73.5	dB(A)
06:00 - 07:00	62.5	77.7	dB(A)
07:00 - 08:00	62.6	80.2	dB(A)
08:00 - 09:00	60.6	74.7	dB(A)
09:00 - 10:00	59.3	74.6	dB(A)
$L_{eq}$ 24 hr.	58.5	*	dB(A)
$L_{in}$	63.0	*	dB(A)
Maximum	*	83.6	dB(A)
Standard	70 <sup>a</sup> , 70 <sup>b</sup>	115 <sup>a</sup> , 115 <sup>b</sup>	dB(A)

REMARK : <sup>a</sup> Notification of Office of The National Environmental Board Volume 15 B.E. 2548 (1997)

<sup>a</sup> Start Time

\* Parameter Outside The Scope of The Registration  
(Measurement By Mr. Seksan Pluenwong)



Approved By: (MRS. WANPEN LHAOCHINDAWAT) 22/10/2024

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Request No. LA67-R.1075  
Report No. R6710-3808

TEST REPORT

CUSTOMER : NPC Safety and Environmental Service Co., Ltd.  
ADDRESS : 209 Pakomsongrakroad Rd., T. Mapaphut A. Muangrayong, Rayong 21150  
SAMPLE SOURCE : PTT Asahi Chemical Co., Ltd.  
SAMPLE POINT : บริเวณตัวถังรถ  
PARAMETER\* :  $L_{eq}$  1 hr.,  $L_{eq}$  24 hr.,  $L_{max}$ ,  $L_{eq}$  &  $L_{10}$   
DETERMINATION METHOD : ISO 1996-1:2016  
INSTRUMENT : Integrated Sound Level Meter  
S/N G301660 : Class 2

SAMPLE NO. : 38808

MEASURING DATE : 07-08/10/2024

RECEIVED DATE : 10/10/2024

REPORTED DATE : 22/10/2024

TIME \ DATE	07-08/10/2024 ( $L_{eq}$ )	07-08/10/2024 ( $L_{max}$ )	UNIT
10:00 - 11:00 <sup>a</sup>	58.9	78.2	dB(A)
11:00 - 12:00	57.6	74.0	dB(A)
12:00 - 13:00	59.3	82.5	dB(A)
13:00 - 14:00	64.7	82.2	dB(A)
14:00 - 15:00	56.3	77.4	dB(A)
15:00 - 16:00	58.2	79.7	dB(A)
16:00 - 17:00	66.3	95.5	dB(A)
17:00 - 18:00	59.9	78.0	dB(A)
18:00 - 19:00	59.0	77.4	dB(A)
19:00 - 20:00	57.7	77.2	dB(A)
20:00 - 21:00	56.8	73.1	dB(A)
21:00 - 22:00	55.4	82.2	dB(A)
22:00 - 23:00	53.1	71.4	dB(A)
23:00 - 00:00	53.5	65.4	dB(A)
00:00 - 01:00	53.2	66.9	dB(A)
01:00 - 02:00	54.5	66.4	dB(A)
02:00 - 03:00	54.4	65.6	dB(A)
03:00 - 04:00	54.1	69.3	dB(A)
04:00 - 05:00	51.9	47.8	dB(A)
05:00 - 06:00	56.6	48.4	dB(A)
06:00 - 07:00	62.7	54.2	dB(A)
07:00 - 08:00	62.8	83.4	dB(A)
08:00 - 09:00	61.5	85.8	dB(A)
09:00 - 10:00	57.8	76.2	dB(A)
$L_{eq}$ 24 hr.	59.5	*	dB(A)
$L_{10}$	63.7	*	dB(A)
Maximum	*	95.5	dB(A)
Standard	$70^{+7}$	$115^{+11}$	dB(A)

REMARK : <sup>a</sup> Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)

<sup>a</sup> Start Time

\* Parameter Outside The Scope of The Registration of Environmental Works  
(Measurement By Mr. Seksan Pluenwong)



Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

22/10/2024

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บริษัท อีสเทิร์น ไทย คอนซัลติ้ง 1992 จำกัด



Request No. LA67-R.1075  
Report No. R6710-3809

TEST REPORT

CUSTOMER : NPC Safety and Environmental Service Co., Ltd.  
ADDRESS : 209 Pakomsongrakroad Rd., T. Mapaphut A. Muangrayong, Rayong 21150  
SAMPLE SOURCE : PTT Asahi Chemical Co., Ltd.  
SAMPLE POINT : บริเวณตัวถังรถ  
PARAMETER\* :  $L_{eq}$  1 hr.,  $L_{eq}$  24 hr.,  $L_{max}$ ,  $L_{eq}$  &  $L_{10}$   
DETERMINATION METHOD : ISO 1996-1:2016  
INSTRUMENT : Integrated Sound Level Meter  
S/N G301660 : Class 2

SAMPLE NO. : 38809

MEASURING DATE : 08-09/10/2024

RECEIVED DATE : 10/10/2024

REPORTED DATE : 22/10/2024

TIME \ DATE	08-09/10/2024 ( $L_{eq}$ )	08-09/10/2024 ( $L_{max}$ )	UNIT
10:00 - 11:00 <sup>a</sup>	57.0	74.9	dB(A)
11:00 - 12:00	58.7	77.0	dB(A)
12:00 - 13:00	58.0	76.2	dB(A)
13:00 - 14:00	57.6	73.9	dB(A)
14:00 - 15:00	59.3	89.1	dB(A)
15:00 - 16:00	57.4	79.5	dB(A)
16:00 - 17:00	60.5	76.3	dB(A)
17:00 - 18:00	61.5	81.6	dB(A)
18:00 - 19:00	58.0	74.7	dB(A)
19:00 - 20:00	56.4	78.3	dB(A)
20:00 - 21:00	56.6	77.2	dB(A)
21:00 - 22:00	52.6	68.8	dB(A)
22:00 - 23:00	50.8	66.2	dB(A)
23:00 - 00:00	49.4	66.4	dB(A)
00:00 - 01:00	55.1	73.4	dB(A)
01:00 - 02:00	50.0	67.1	dB(A)
02:00 - 03:00	50.6	66.8	dB(A)
03:00 - 04:00	50.1	65.2	dB(A)
04:00 - 05:00	51.9	69.0	dB(A)
05:00 - 06:00	56.7	72.2	dB(A)
06:00 - 07:00	62.7	76.9	dB(A)
07:00 - 08:00	66.6	97.7	dB(A)
08:00 - 09:00	61.8	85.8	dB(A)
09:00 - 10:00	75.0	49.0	dB(A)
$L_{eq}$ 24 hr.	58.8	*	dB(A)
$L_{10}$	63.0	*	dB(A)
Maximum	*	97.7	dB(A)
Standard	$70^{+7}$	$115^{+11}$	dB(A)

REMARK : <sup>a</sup> Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)

<sup>a</sup> Start Time

\* Parameter Outside The Scope of The Registration of Environmental Works  
(Measurement By Mr. Seksan Pluenwong)



Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

22/10/2024

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บริษัท อีสเทิร์น ไทย คอนซัลติ้ง 1992 จำกัด

883 หมู่ 11 อ.สุราษฎร์ธานี 8 ต.มะขามเตี้ย อ.ศรีราชา จ.ชลบุรี 20230  
โทร. 0-3848-1197, 0-3876-3031-2 แฟกซ์ : 0-3848-2095  
เว็บไซต์ : http://www.etc1992.com E-mail : info@etc1992.com



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Website : http://www.etc1992.com E-mail : info@etc1992.com

Request No. LA67-R1075  
Report No. R6710-3810

TEST REPORT

CUSTOMER : NPC Safety and Environmental Service Co., Ltd.  
ADDRESS : 209 Palomongkolrohd Rd., T. Mapaphut A. Muangrayong, Rayong 21150  
SAMPLE SOURCE : PTT Asahi Chemical Co., Ltd.  
SAMPLE POINT : บริเวณรั้วด้านทิศเหนือของโครงการ  
PARAMETER\* :  $L_{eq}$ ,  $L_{1hr}$ ,  $L_{24hr}$ ,  $L_{max}$ ,  $L_{avg}$  &  $L_{90}$   
DETERMINATION METHOD : ISO 1996-1:2016  
INSTRUMENT : Integrated Sound Level Meter  
S/N G301660 : Class 2

SAMPLE NO. : 38810  
MEASURING DATE : 09-10/10/2024  
RECEIVED DATE : 10/10/2024  
REPORTED DATE : 22/10/2024

TIME \ DATE	09-10/10/2024 ( $L_{eq}$ )	09-10/10/2024 ( $L_{max}$ )	09-10/10/2024 ( $L_{eq}$ )	UNIT
10:00 - 11:00 <sup>a</sup>	58.1	80.3	49.8	dB(A)
11:00 - 12:00	58.1	73.9	49.6	dB(A)
12:00 - 13:00	59.0	81.7	48.8	dB(A)
13:00 - 14:00	57.2	71.8	47.4	dB(A)
14:00 - 15:00	54.9	74.8	47.6	dB(A)
15:00 - 16:00	55.8	73.6	45.3	dB(A)
16:00 - 17:00	58.8	75.4	50.1	dB(A)
17:00 - 18:00	63.3	79.4	52.8	dB(A)
18:00 - 19:00	58.0	77.9	48.6	dB(A)
19:00 - 20:00	56.1	73.5	46.8	dB(A)
20:00 - 21:00	56.0	76.8	46.9	dB(A)
21:00 - 22:00	52.0	70.9	46.4	dB(A)
22:00 - 23:00	54.0	72.3	47.1	dB(A)
23:00 - 00:00	49.1	65.0	46.7	dB(A)
00:00 - 01:00	52.9	75.3	44.6	dB(A)
01:00 - 02:00	48.6	74.6	45.1	dB(A)
02:00 - 03:00	50.8	72.2	48.2	dB(A)
03:00 - 04:00	51.6	66.0	49.5	dB(A)
04:00 - 05:00	51.3	69.8	47.3	dB(A)
05:00 - 06:00	54.8	73.0	46.3	dB(A)
06:00 - 07:00	62.2	77.0	52.9	dB(A)
07:00 - 08:00	67.4	98.5	53.9	dB(A)
08:00 - 09:00	63.0	85.2	51.7	dB(A)
09:00 - 10:00	60.8	86.6	49.9	dB(A)
$L_{eq, 24hr}$	59.1	-	-	dB(A)
$L_{90}$	62.8	-	-	dB(A)
Maximum	-	98.5	-	dB(A)
Standard	70 <sup>a</sup> , 70 <sup>b</sup>	115 <sup>a</sup> , 115 <sup>b</sup>	-	dB(A)

REMARK : <sup>a</sup> Notification of Office of The National Environmental Board Volume 15 B.E. 2548 (2005)

<sup>a</sup> Notification of Ministry of the Industry B.E. 2548 (2005)

<sup>a</sup> Start Time  
\* Parameter Outside The Scope of The Registration of The Environmental Works  
(Measurement By Mr. Seksan Pluemwong)



Approved By...

(MRS. WANPEN LHAOCHINDAWAT)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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883 หมู่ 11 อ.สุราษฎร์ธานี 8 ต.มะขามเตี้ย อ.ศรีราชา จ.ชลบุรี 20230  
โทร. 0-3848-1197, 0-3876-3031-2 แฟกซ์ : 0-3848-2095  
เว็บไซต์ : http://www.etc1992.com E-mail : info@etc1992.com



EASTERN THAI CONSULTING 1992 CO., LTD.  
883 Moo 11 Sukhaphiban 8 Rd., Nongkham, Sriracha, Chonburi 20230  
Tel. 0-3848-1197, 0-3876-3031-2 Fax : 0-3848-2095  
Website : http://www.etc1992.com E-mail : info@etc1992.com

Request No. LA67-R1075  
Report No. R6710-3797

TEST REPORT

CUSTOMER : NPC Safety and Environmental Service Co., Ltd.  
ADDRESS : 209 Palomongkolrohd Rd., T. Mapaphut A. Muangrayong, Rayong 21150  
SAMPLE SOURCE : PTT Asahi Chemical Co., Ltd.  
SAMPLE POINT : บริเวณรั้วด้านทิศเหนือของโครงการ  
PARAMETER\* :  $L_{eq}$ ,  $L_{1hr}$ ,  $L_{24hr}$ ,  $L_{max}$ ,  $L_{avg}$  &  $L_{90}$   
DETERMINATION METHOD : ISO 1996-1:2016  
INSTRUMENT : Integrated Sound Level Meter  
S/N G301638 : Class 2

SAMPLE NO. : 38797  
MEASURING DATE : 03-04/10/2024  
RECEIVED DATE : 10/10/2024  
REPORTED DATE : 22/10/2024

TIME \ DATE	03-04/10/2024 ( $L_{eq}$ )	03-04/10/2024 ( $L_{max}$ )	03-04/10/2024 ( $L_{eq}$ )	UNIT
10:00 - 11:00 <sup>a</sup>	61.8	70.0	61.1	dB(A)
11:00 - 12:00	62.2	68.9	61.5	dB(A)
12:00 - 13:00	62.9	70.6	62.1	dB(A)
13:00 - 14:00	63.1	69.5	62.3	dB(A)
14:00 - 15:00	62.9	65.4	62.3	dB(A)
15:00 - 16:00	62.5	65.1	61.8	dB(A)
16:00 - 17:00	62.6	72.1	61.8	dB(A)
17:00 - 18:00	63.1	71.7	62.4	dB(A)
18:00 - 19:00	63.2	65.7	62.5	dB(A)
19:00 - 20:00	63.2	72.3	62.5	dB(A)
20:00 - 21:00	63.1	65.2	62.4	dB(A)
21:00 - 22:00	63.2	65.2	62.5	dB(A)
22:00 - 23:00	63.1	65.3	62.5	dB(A)
23:00 - 00:00	63.2	65.7	62.5	dB(A)
00:00 - 01:00	63.1	65.3	62.4	dB(A)
01:00 - 02:00	62.8	65.0	62.2	dB(A)
02:00 - 03:00	62.5	64.2	62.0	dB(A)
03:00 - 04:00	62.6	64.3	62.0	dB(A)
04:00 - 05:00	62.5	65.0	61.9	dB(A)
05:00 - 06:00	63.9	72.2	62.6	dB(A)
06:00 - 07:00	63.0	71.4	62.5	dB(A)
07:00 - 08:00	63.0	74.3	62.2	dB(A)
08:00 - 09:00	62.8	74.8	61.8	dB(A)
09:00 - 10:00	62.3	68.9	61.6	dB(A)
$L_{eq, 24hr}$	62.9	-	-	dB(A)
$L_{90}$	69.4	-	-	dB(A)
Maximum	-	74.8	-	dB(A)
Standard	70 <sup>a</sup> , 70 <sup>b</sup>	115 <sup>a</sup> , 115 <sup>b</sup>	-	dB(A)

REMARK : <sup>a</sup> Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)

<sup>a</sup> Notification of Ministry of the Industry B.E. 2548 (2005)

<sup>a</sup> Start Time  
\* Parameter Outside The Scope of The Registration of The Environmental Works  
(Measurement By Mr. Seksan Pluemwong)



Approved By...

(MRS. WANPEN LHAOCHINDAWAT)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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Request No. LA67-R.1075  
Report No. R6710-3800

TEST REPORT

CUSTOMER : NPC Safety and Environmental Service Co., Ltd.  
ADDRESS : 20/9 Pakomsongkroh Rd., T. Mapaphut A. Muangrayong, Rayong 21150  
SAMPLE SOURCE : PTT Asahi Chemical Co., Ltd.  
SAMPLE POINT : บริเวณรั้วด้านทิศเหนือของโครงการ  
PARAMETER\* :  $L_{eq}$  1 hr.,  $L_{eq}$  24 hr.,  $L_{max}$ ,  $L_{90}$  &  $L_{10}$   
DETERMINATION METHOD : ISO 1996-1:2016  
INSTRUMENT : Integrated Sound Level Meter  
S/N G301638 : Class 2

TIME \ DATE	06-07/10/2024 ( $L_{eq}$ )	06-07/10/2024 ( $L_{max}$ )	06-07/10/2024 ( $L_{90}$ )	UNIT
10:00 - 11:00 <sup>a</sup>	61.4	64.5	60.8	dB(A)
11:00 - 12:00	62.1	70.5	61.3	dB(A)
12:00 - 13:00	62.7	69.1	62.0	dB(A)
13:00 - 14:00	62.6	64.8	62.0	dB(A)
14:00 - 15:00	62.5	65.8	61.9	dB(A)
15:00 - 16:00	63.0	73.6	62.1	dB(A)
16:00 - 17:00	63.0	76.3	62.3	dB(A)
17:00 - 18:00	63.1	69.8	62.5	dB(A)
18:00 - 19:00	63.1	75.8	62.5	dB(A)
19:00 - 20:00	62.8	64.4	62.3	dB(A)
20:00 - 21:00	62.7	64.7	62.2	dB(A)
21:00 - 22:00	62.7	64.5	62.2	dB(A)
22:00 - 23:00	62.8	64.6	62.3	dB(A)
23:00 - 00:00	62.8	65.1	62.3	dB(A)
00:00 - 01:00	62.8	64.4	62.4	dB(A)
01:00 - 02:00	62.8	64.9	62.4	dB(A)
02:00 - 03:00	62.9	64.6	62.4	dB(A)
03:00 - 04:00	62.9	64.7	62.4	dB(A)
04:00 - 05:00	62.7	64.5	62.3	dB(A)
05:00 - 06:00	62.7	67.2	62.2	dB(A)
06:00 - 07:00	62.6	64.5	62.1	dB(A)
07:00 - 08:00	62.0	65.8	61.5	dB(A)
08:00 - 09:00	61.8	68.9	61.2	dB(A)
09:00 - 10:00	62.0	74.0	61.2	dB(A)
$L_{eq}$ 24 hr.	62.6	-	-	dB(A)
$L_{10}$	69.2	-	-	dB(A)
Maximum	-	76.3	-	dB(A)
Standard	$70^{+7.0}$	$115^{+11.5}$	-	dB(A)

REMARK : <sup>a</sup> Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)

<sup>b</sup> Notification of Ministry of the Industry B.E. 2548 (2005)

<sup>c</sup> Start Time  
\* Parameter Outside The Scope of The Registration of Environmental Works  
(Measurement By Mr. Seksan Pluemwong)



Approved By:

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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Request No. LA67-R.1075  
Report No. R6710-3801

TEST REPORT

CUSTOMER : NPC Safety and Environmental Service Co., Ltd.  
ADDRESS : 20/9 Pakomsongkroh Rd., T. Mapaphut A. Muangrayong, Rayong 21150  
SAMPLE SOURCE : PTT Asahi Chemical Co., Ltd.  
SAMPLE POINT : บริเวณรั้วด้านทิศเหนือของโครงการ  
PARAMETER\* :  $L_{eq}$  1 hr.,  $L_{eq}$  24 hr.,  $L_{max}$ ,  $L_{90}$  &  $L_{10}$   
DETERMINATION METHOD : ISO 1996-1:2016  
INSTRUMENT : Integrated Sound Level Meter  
S/N G301638 : Class 2

TIME \ DATE	07-08/10/2024 ( $L_{eq}$ )	07-08/10/2024 ( $L_{max}$ )	07-08/10/2024 ( $L_{90}$ )	UNIT
10:00 - 11:00 <sup>a</sup>	61.3	67.0	60.7	dB(A)
11:00 - 12:00	61.6	72.6	60.8	dB(A)
12:00 - 13:00	62.8	74.2	62.1	dB(A)
13:00 - 14:00	71.7	79.9	68.7	dB(A)
14:00 - 15:00	65.4	79.2	62.2	dB(A)
15:00 - 16:00	62.6	72.8	61.8	dB(A)
16:00 - 17:00	64.2	85.4	62.0	dB(A)
17:00 - 18:00	63.1	71.4	62.5	dB(A)
18:00 - 19:00	63.0	66.1	62.5	dB(A)
19:00 - 20:00	62.7	73.9	62.1	dB(A)
20:00 - 21:00	62.8	65.2	62.3	dB(A)
21:00 - 22:00	62.9	64.9	62.3	dB(A)
22:00 - 23:00	63.1	65.4	62.5	dB(A)
23:00 - 00:00	63.2	65.1	62.6	dB(A)
00:00 - 01:00	63.1	65.0	62.6	dB(A)
01:00 - 02:00	63.1	68.0	62.5	dB(A)
02:00 - 03:00	63.0	64.7	62.5	dB(A)
03:00 - 04:00	62.8	64.4	62.4	dB(A)
04:00 - 05:00	62.7	64.7	62.2	dB(A)
05:00 - 06:00	62.6	66.2	62.1	dB(A)
06:00 - 07:00	62.5	68.8	61.9	dB(A)
07:00 - 08:00	62.2	75.4	61.5	dB(A)
08:00 - 09:00	62.6	71.9	61.8	dB(A)
09:00 - 10:00	62.2	71.1	61.5	dB(A)
$L_{eq}$ 24 hr.	64.0	-	-	dB(A)
$L_{10}$	69.6	-	-	dB(A)
Maximum	-	85.4	-	dB(A)
Standard	$70^{+7.0}$	$115^{+11.5}$	-	dB(A)

REMARK : <sup>a</sup> Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)

<sup>b</sup> Notification of Ministry of the Industry B.E. 2548 (2005)

<sup>c</sup> Start Time  
\* Parameter Outside The Scope of The Registration of Environmental Works  
(Measurement By Mr. Seksan Pluemwong)



Approved By:

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Request No. LA67-R1075  
Report No. R6710-3802

Request No. LA67-R1075  
Report No. R6710-3803

TEST REPORT

CUSTOMER : NPC Safety and Environmental Service Co., Ltd.  
ADDRESS : 20/9 Pailomsongrak Road Rd., T. Mapaphut A. Muangrayong, Rayong 21150  
SAMPLE SOURCE : PTT Asahi Chemical Co., Ltd.  
SAMPLE POINT : บริเวณรั้วด้านทิศเหนือของโครงการ  
PARAMETER\* :  $L_{eq}$  1 hr.,  $L_{eq}$  24 hr.,  $L_{max}$ ,  $L_{avg}$  &  $L_{dn}$  SAMPLE NO. : 38802  
DETERMINATION METHOD : ISO 1996-1:2016 MEASURING DATE : 08-09/10/2024  
INSTRUMENT : Integrated Sound Level Meter RECEIVED DATE : 10/10/2024  
S/N G301638 : Class 2 REPORTED DATE : 22/10/2024

TIME \ DATE	08-09/10/2024 ( $L_{eq}$ )	08-09/10/2024 ( $L_{max}$ )	08-09/10/2024 ( $L_{avg}$ )	UNIT
10:00 - 11:00 <sup>a</sup>	61.6	73.6	60.9	dB(A)
11:00 - 12:00	61.5	71.8	60.7	dB(A)
12:00 - 13:00	61.5	69.8	60.7	dB(A)
13:00 - 14:00	60.9	68.4	60.4	dB(A)
14:00 - 15:00	60.9	68.8	60.3	dB(A)
15:00 - 16:00	62.2	67.3	61.6	dB(A)
16:00 - 17:00	65.9	76.4	63.3	dB(A)
17:00 - 18:00	63.7	72.7	63.0	dB(A)
18:00 - 19:00	63.0	65.2	62.5	dB(A)
19:00 - 20:00	62.8	64.7	62.3	dB(A)
20:00 - 21:00	62.9	64.5	62.4	dB(A)
21:00 - 22:00	63.1	68.9	62.6	dB(A)
22:00 - 23:00	63.0	67.2	62.5	dB(A)
23:00 - 00:00	62.9	65.2	62.4	dB(A)
00:00 - 01:00	62.8	64.5	62.3	dB(A)
01:00 - 02:00	62.9	64.6	62.4	dB(A)
02:00 - 03:00	62.8	64.7	62.3	dB(A)
03:00 - 04:00	62.7	64.4	62.2	dB(A)
04:00 - 05:00	62.6	64.2	62.2	dB(A)
05:00 - 06:00	62.5	64.5	62.0	dB(A)
06:00 - 07:00	62.6	71.5	62.1	dB(A)
07:00 - 08:00	62.5	72.8	61.8	dB(A)
08:00 - 09:00	62.5	73.7	61.7	dB(A)
09:00 - 10:00	62.4	67.5	61.8	dB(A)
$L_{eq}$ 24 hr.	62.7	-	-	dB(A)
$L_{dn}$	69.2	-	-	dB(A)
Maximum	-	76.4	-	dB(A)
Standard	$70^a$ , $70^b$	$115^a$ , $115^b$	-	dB(A)

REMARK :<sup>a</sup> Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)  
<sup>b</sup> Notification of Ministry of the Industry B.E. 2548 (2005)  
<sup>c</sup> Start Time  
\* Parameter Outside The Scope of The Registration of Environmental Works  
(Measurement By Mr. Seksan Pluemwong)  
Approved By: [Signature]  
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22/10/2024

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TEST REPORT

CUSTOMER : NPC Safety and Environmental Service Co., Ltd.  
ADDRESS : 20/9 Pailomsongrak Road Rd., T. Mapaphut A. Muangrayong, Rayong 21150  
SAMPLE SOURCE : PTT Asahi Chemical Co., Ltd.  
SAMPLE POINT : บริเวณรั้วด้านทิศเหนือของโครงการ  
PARAMETER\* :  $L_{eq}$  1 hr.,  $L_{eq}$  24 hr.,  $L_{max}$ ,  $L_{avg}$  &  $L_{dn}$  SAMPLE NO. : 38803  
DETERMINATION METHOD : ISO 1996-1:2016 MEASURING DATE : 09-10/10/2024  
INSTRUMENT : Integrated Sound Level Meter RECEIVED DATE : 10/10/2024  
S/N G301638 : Class 2 REPORTED DATE : 22/10/2024

TIME \ DATE	09-10/10/2024 ( $L_{eq}$ )	09-10/10/2024 ( $L_{max}$ )	09-10/10/2024 ( $L_{avg}$ )	UNIT
10:00 - 11:00 <sup>a</sup>	62.3	64.8	61.8	dB(A)
11:00 - 12:00	62.1	73.3	61.3	dB(A)
12:00 - 13:00	62.2	74.1	61.3	dB(A)
13:00 - 14:00	62.0	73.0	61.3	dB(A)
14:00 - 15:00	61.9	74.1	60.8	dB(A)
15:00 - 16:00	62.5	69.5	61.7	dB(A)
16:00 - 17:00	61.8	76.2	61.1	dB(A)
17:00 - 18:00	62.2	71.9	61.5	dB(A)
18:00 - 19:00	62.7	76.6	62.0	dB(A)
19:00 - 20:00	62.5	64.9	61.9	dB(A)
20:00 - 21:00	62.2	64.1	61.7	dB(A)
21:00 - 22:00	62.2	64.0	61.7	dB(A)
22:00 - 23:00	62.4	63.9	61.9	dB(A)
23:00 - 00:00	62.4	64.2	61.9	dB(A)
00:00 - 01:00	62.3	64.0	61.8	dB(A)
01:00 - 02:00	62.3	64.2	61.8	dB(A)
02:00 - 03:00	62.3	64.6	61.8	dB(A)
03:00 - 04:00	62.2	64.5	61.7	dB(A)
04:00 - 05:00	62.2	63.8	61.7	dB(A)
05:00 - 06:00	62.2	63.9	61.8	dB(A)
06:00 - 07:00	62.1	75.8	61.5	dB(A)
07:00 - 08:00	62.2	68.6	61.6	dB(A)
08:00 - 09:00	62.0	67.9	61.3	dB(A)
09:00 - 10:00	61.8	69.2	61.0	dB(A)
$L_{eq}$ 24 hr.	62.2	-	-	dB(A)
$L_{dn}$	68.7	-	-	dB(A)
Maximum	-	76.6	-	dB(A)
Standard	$70^a$ , $70^b$	$115^a$ , $115^b$	-	dB(A)

REMARK :<sup>a</sup> Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)  
<sup>b</sup> Notification of Ministry of the Industry B.E. 2548 (2005)  
<sup>c</sup> Start Time  
\* Parameter Outside The Scope of The Registration of Environmental Works  
(Measurement By Mr. Seksan Pluemwong)  
Approved By: [Signature]  
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