

ระดับเสียงทั่วไป ( $L_{eq}$ -24 hr.)



# EASTERN THAI CONSULTING 1992 CO., LTD.

683 Moo 11 Sukhapibarn 8 Rd., Nongkham, Sriracha, Chonburi 20230  
Tel. 0-3848-1197-8, 0-3876-3031-2 Fax : 0-3848-2095 E-mail : marketing@etc1992.com



NSC-TISI-TIS 17025  
TESTING 0031

Request No. LA66-R0506

Report No. R6605-0096

## TEST REPORT

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

SAMPLE NO. : 07252  
MEASURING DATE : 18-19/04/2023  
RECEIVED DATE : 25/04/2023  
REPORTED DATE : 05/05/2023

TIME \ DATE	18-19/04/2023 ( $L_{eq}$ )	18-19/04/2023 ( $L_{max}$ )	18-19/04/2023 ( $L_{90}$ )#	UNIT
10:00 - 11:00 <sup>1</sup>	51.7	67.7	46.7	dB(A)
11:00 - 12:00	53.0	73.2	45.6	dB(A)
12:00 - 13:00	55.5	73.8	48.1	dB(A)
13:00 - 14:00	53.3	74.1	45.0	dB(A)
14:00 - 15:00	57.0	77.6	48.4	dB(A)
15:00 - 16:00	54.5	74.1	48.9	dB(A)
16:00 - 17:00	55.9	80.3	48.1	dB(A)
17:00 - 18:00	57.6	84.9	48.1	dB(A)
18:00 - 19:00	57.0	75.4	49.8	dB(A)
19:00 - 20:00	50.5	69.4	45.9	dB(A)
20:00 - 21:00	49.2	68.0	45.4	dB(A)
21:00 - 22:00	50.3	74.5	45.2	dB(A)
22:00 - 23:00	47.8	73.0	45.2	dB(A)
23:00 - 00:00	48.5	74.1	45.0	dB(A)
00:00 - 01:00	51.0	71.2	44.7	dB(A)
01:00 - 02:00	45.7	61.0	44.5	dB(A)
02:00 - 03:00	45.5	53.2	44.4	dB(A)
03:00 - 04:00	52.1	72.6	44.1	dB(A)
04:00 - 05:00	52.3	75.3	44.3	dB(A)
05:00 - 06:00	54.7	74.9	47.3	dB(A)
06:00 - 07:00	53.8	74.7	47.0	dB(A)
07:00 - 08:00	58.4	77.5	48.0	dB(A)
08:00 - 09:00	56.0	76.5	48.3	dB(A)
09:00 - 10:00	57.3	79.1	47.7	dB(A)
$L_{eq}$ 24 hr.	54.2	-	-	dB(A)
$L_{dn}$	58.5	-	-	dB(A)
Maximum	-	84.9	-	dB(A)
Standard	70 <sup>1</sup> , 70 <sup>2</sup>	115 <sup>1</sup> , 115 <sup>2</sup>	-	dB(A)

REMARK : \* Test Report/Sampling marked 'Not TISI Accredited' in this report are not included in the TISI Accreditation Schedule for our laboratory

<sup>1</sup> Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)

<sup>2</sup> Notification of Ministry of the Industry B.E. 2548 (2005)

\* Parameter Outside The Scope of The Regulation of The Department of Industrial Works  
(Ms. Thanaporn Klinsonon is Section Head, Ms. Wanpen Lhaochindawat is Technical Manager)  
(Measurement By Mr. Tummarut Phokkhum)

<sup>3</sup> Start Time

Approved By, [Signature]

(MRS. WANPEN LHAOCHINDAWAT)

05/05/2023

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด  
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NSC-TISI-TIS 17025  
TESTING 0031

Request No. LA66-R0506

Report No. R6605-0097

## TEST REPORT

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

SAMPLE NO. : 07253  
MEASURING DATE : 19-20/04/2023  
RECEIVED DATE : 25/04/2023  
REPORTED DATE : 05/05/2023

TIME \ DATE	19-20/04/2023 ( $L_{eq}$ )	19-20/04/2023 ( $L_{max}$ )	19-20/04/2023 ( $L_{90}$ )#	UNIT
10:00 - 11:00 <sup>1</sup>	55.1	77.2	46.7	dB(A)
11:00 - 12:00	54.2	75.7	46.5	dB(A)
12:00 - 13:00	56.4	76.7	50.7	dB(A)
13:00 - 14:00	54.2	76.0	47.3	dB(A)
14:00 - 15:00	52.4	75.3	46.2	dB(A)
15:00 - 16:00	55.3	76.8	45.9	dB(A)
16:00 - 17:00	56.5	77.0	46.9	dB(A)
17:00 - 18:00	55.8	76.1	46.6	dB(A)
18:00 - 19:00	54.2	74.7	48.7	dB(A)
19:00 - 20:00	48.9	73.5	45.4	dB(A)
20:00 - 21:00	49.2	69.6	45.6	dB(A)
21:00 - 22:00	48.1	67.9	45.0	dB(A)
22:00 - 23:00	49.3	75.0	45.6	dB(A)
23:00 - 00:00	51.5	73.1	45.5	dB(A)
00:00 - 01:00	52.4	78.0	46.5	dB(A)
01:00 - 02:00	47.8	69.4	45.6	dB(A)
02:00 - 03:00	49.5	76.9	45.2	dB(A)
03:00 - 04:00	46.7	61.8	44.6	dB(A)
04:00 - 05:00	49.0	66.1	44.6	dB(A)
05:00 - 06:00	56.0	81.7	49.9	dB(A)
06:00 - 07:00	54.7	74.9	46.8	dB(A)
07:00 - 08:00	58.5	78.5	47.0	dB(A)
08:00 - 09:00	56.5	76.8	46.3	dB(A)
09:00 - 10:00	57.7	81.2	48.9	dB(A)
$L_{eq}$ 24 hr.	54.1	-	-	dB(A)
$L_{dn}$	58.9	-	-	dB(A)
Maximum	-	81.7	-	dB(A)
Standard	70 <sup>1</sup> , 70 <sup>2</sup>	115 <sup>1</sup> , 115 <sup>2</sup>	-	dB(A)

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\* Parameter Outside The Scope of The Regulation of The Department of Industrial Works  
(Ms. Thanaporn Klinsonon is Section Head, Ms. Wanpen Lhaochindawat is Technical Manager)  
(Measurement By Mr. Tummarut Phokkhum)

<sup>3</sup> Start Time

Approved By, [Signature]

(MRS. WANPEN LHAOCHINDAWAT)

05/05/2023

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NSC-TISI-TIS 17025  
TESTING 0031

Request No. LA66-R0506

Report No. R6605-0098

## TEST REPORT

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

SAMPLE NO. : 07254  
MEASURING DATE : 20-21/04/2023  
RECEIVED DATE : 25/04/2023  
REPORTED DATE : 05/05/2023

TIME \ DATE	20-21/04/2023 ( $L_{eq}$ )	20-21/04/2023 ( $L_{max}$ )	20-21/04/2023 ( $L_{eq}$ )#	UNIT
10:00 - 11:00 <sup>1)</sup>	54.8	77.7	50.2	dB(A)
11:00 - 12:00	51.0	67.3	45.7	dB(A)
12:00 - 13:00	49.7	66.1	45.1	dB(A)
13:00 - 14:00	51.2	64.9	47.7	dB(A)
14:00 - 15:00	52.8	73.9	47.5	dB(A)
15:00 - 16:00	52.4	71.5	47.4	dB(A)
16:00 - 17:00	54.1	73.3	49.0	dB(A)
17:00 - 18:00	55.6	80.8	50.0	dB(A)
18:00 - 19:00	53.2	67.3	49.4	dB(A)
19:00 - 20:00	51.8	71.2	45.9	dB(A)
20:00 - 21:00	47.7	67.2	45.1	dB(A)
21:00 - 22:00	48.4	64.9	45.1	dB(A)
22:00 - 23:00	48.4	75.4	44.5	dB(A)
23:00 - 00:00	48.9	74.0	44.2	dB(A)
00:00 - 01:00	46.4	55.7	44.3	dB(A)
01:00 - 02:00	46.9	62.0	43.8	dB(A)
02:00 - 03:00	45.3	68.7	43.5	dB(A)
03:00 - 04:00	46.4	65.0	43.1	dB(A)
04:00 - 05:00	48.3	65.5	43.0	dB(A)
05:00 - 06:00	53.9	73.0	47.2	dB(A)
06:00 - 07:00	52.2	70.7	45.1	dB(A)
07:00 - 08:00	55.1	78.5	44.8	dB(A)
08:00 - 09:00	54.0	69.4	46.1	dB(A)
09:00 - 10:00	56.1	76.1	50.9	dB(A)
$L_{eq}$ 24 hr.	52.1	-	-	dB(A)
$L_{day}$	56.6	-	-	dB(A)
Maximum	-	80.8	-	dB(A)
Standard	$70^1, 70^2$	$115^1, 115^2$	-	dB(A)

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(Ms. Thanatporn Klinsonon is Section Head, Mrs. Wanpen Lhaochindawat is Technical Management)  
(Measurement By Mr. Tummarut Phosakham)



Approved By...

(MRS. WANPEN LHAOCHINDAWAT)

05/05/2023

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NSC-TISI-TIS 17025  
TESTING 0031

Request No. LA66-R0506

Report No. R6605-0099

## TEST REPORT

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

SAMPLE NO. : 07255  
MEASURING DATE : 21-22/04/2023  
RECEIVED DATE : 25/04/2023  
REPORTED DATE : 05/05/2023

TIME \ DATE	21-22/04/2023 ( $L_{eq}$ )	21-22/04/2023 ( $L_{max}$ )	21-22/04/2023 ( $L_{eq}$ )#	UNIT
10:00 - 11:00 <sup>1)</sup>	56.2	78.3	51.7	dB(A)
11:00 - 12:00	54.2	69.4	50.2	dB(A)
12:00 - 13:00	53.1	74.4	46.2	dB(A)
13:00 - 14:00	54.4	73.8	49.0	dB(A)
14:00 - 15:00	52.3	67.4	47.4	dB(A)
15:00 - 16:00	52.7	72.3	46.9	dB(A)
16:00 - 17:00	52.9	70.9	46.3	dB(A)
17:00 - 18:00	52.1	68.9	45.5	dB(A)
18:00 - 19:00	53.0	77.2	47.1	dB(A)
19:00 - 20:00	56.9	84.8	44.9	dB(A)
20:00 - 21:00	48.3	74.6	45.1	dB(A)
21:00 - 22:00	50.9	80.2	45.3	dB(A)
22:00 - 23:00	47.9	71.2	44.9	dB(A)
23:00 - 00:00	45.5	55.6	44.5	dB(A)
00:00 - 01:00	46.4	64.8	44.5	dB(A)
01:00 - 02:00	53.2	68.8	44.9	dB(A)
02:00 - 03:00	46.0	62.7	44.5	dB(A)
03:00 - 04:00	48.2	65.8	44.4	dB(A)
04:00 - 05:00	47.9	65.2	44.0	dB(A)
05:00 - 06:00	56.1	68.6	49.2	dB(A)
06:00 - 07:00	53.3	71.6	48.1	dB(A)
07:00 - 08:00	55.3	75.6	46.4	dB(A)
08:00 - 09:00	51.6	73.8	45.9	dB(A)
09:00 - 10:00	53.2	74.4	49.0	dB(A)
$L_{eq}$ 24 hr.	52.8	-	-	dB(A)
$L_{day}$	57.9	-	-	dB(A)
Maximum	-	84.8	-	dB(A)
Standard	$70^1, 70^2$	$115^1, 115^2$	-	dB(A)

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(Ms. Thanatporn Klinsonon is Section Head, Mrs. Wanpen Lhaochindawat is Technical Management)  
(Measurement By Mr. Tummarut Phosakham)



Approved By...

(MRS. WANPEN LHAOCHINDAWAT)

05/05/2023

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NSC-TISI-TIS 17025  
TESTING 0031

Request No. LA66-R0506  
Report No. R6605-0100

## TEST REPORT

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

SAMPLE NO. : 07256  
MEASURING DATE : 22-23/04/2023  
RECEIVED DATE : 25/04/2023  
REPORTED DATE : 05/05/2023

TIME \ DATE	22-23/04/2023 ( $L_{eq}$ )	22-23/04/2023 ( $L_{max}$ )	22-23/04/2023 ( $L_{90}$ )#	UNIT
10:00 - 11:00 <sup>1)</sup>	49.9	68.8	45.7	dB(A)
11:00 - 12:00	50.6	67.7	45.7	dB(A)
12:00 - 13:00	50.7	65.8	45.2	dB(A)
13:00 - 14:00	48.8	63.9	45.2	dB(A)
14:00 - 15:00	49.6	66.7	45.7	dB(A)
15:00 - 16:00	51.5	75.1	46.1	dB(A)
16:00 - 17:00	49.6	70.6	45.0	dB(A)
17:00 - 18:00	51.6	73.9	45.0	dB(A)
18:00 - 19:00	54.8	75.0	48.1	dB(A)
19:00 - 20:00	55.7	75.0	47.0	dB(A)
20:00 - 21:00	50.2	71.9	45.4	dB(A)
21:00 - 22:00	48.3	75.1	44.5	dB(A)
22:00 - 23:00	46.0	65.3	44.3	dB(A)
23:00 - 00:00 <sup>2)</sup>	47.4	65.8	44.7	dB(A)
00:00 - 01:00	45.4	57.9	44.3	dB(A)
01:00 - 02:00	45.4	59.9	44.4	dB(A)
02:00 - 03:00	45.6	65.3	43.9	dB(A)
03:00 - 04:00	44.7	55.1	43.6	dB(A)
04:00 - 05:00	47.8	64.0	43.7	dB(A)
05:00 - 06:00	51.7	69.9	45.6	dB(A)
06:00 - 07:00	54.9	73.5	47.0	dB(A)
07:00 - 08:00	53.6	71.1	46.1	dB(A)
08:00 - 09:00	57.1	78.3	46.8	dB(A)
09:00 - 10:00	53.6	80.2	47.2	dB(A)
$L_{eq}$ 24 hr.	51.6	-	-	dB(A)
$L_{dnf}$	56.3	-	-	dB(A)
Maximum	-	80.2	-	dB(A)
Standard	$70^{1)} 70^{2)}$	$115^{1)} 115^{2)}$	-	dB(A)

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(Ms. Thanatporn Klinsonon is Section Head, Mrs. Wanpen Lhaochindawat is Technical Management)  
(Measurement By Mr. Tummarut Photakham)

<sup>3)</sup> Start Time

Approved By: [Signature]

(MRS. WANPEN LHAOCHINDAWAT)

05/05/2023

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NSC-TISI-TIS 17025  
TESTING 0031

Request No. LA66-R0506  
Report No. R6605-0101

## TEST REPORT

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

SAMPLE NO. : 07257  
MEASURING DATE : 23-24/04/2023  
RECEIVED DATE : 25/04/2023  
REPORTED DATE : 05/05/2023

TIME \ DATE	23-24/04/2023 ( $L_{eq}$ )	23-24/04/2023 ( $L_{max}$ )	23-24/04/2023 ( $L_{90}$ )#	UNIT
10:00 - 11:00 <sup>1)</sup>	51.9	74.2	45.8	dB(A)
11:00 - 12:00	52.4	71.2	45.9	dB(A)
12:00 - 13:00	52.0	71.8	45.4	dB(A)
13:00 - 14:00	51.5	72.5	44.4	dB(A)
14:00 - 15:00	49.5	69.1	44.8	dB(A)
15:00 - 16:00	51.2	69.7	45.5	dB(A)
16:00 - 17:00	52.2	72.8	45.5	dB(A)
17:00 - 18:00	51.7	71.4	45.5	dB(A)
18:00 - 19:00	53.4	75.9	46.2	dB(A)
19:00 - 20:00	50.2	72.7	44.5	dB(A)
20:00 - 21:00	50.7	72.5	44.4	dB(A)
21:00 - 22:00	46.7	65.0	43.8	dB(A)
22:00 - 23:00	45.0	60.3	43.7	dB(A)
23:00 - 00:00 <sup>2)</sup>	45.2	66.0	43.9	dB(A)
00:00 - 01:00	45.4	63.6	43.5	dB(A)
01:00 - 02:00	44.2	59.2	43.1	dB(A)
02:00 - 03:00	44.1	62.0	43.0	dB(A)
03:00 - 04:00	44.8	56.2	42.8	dB(A)
04:00 - 05:00	46.2	63.5	42.6	dB(A)
05:00 - 06:00	53.0	68.9	48.0	dB(A)
06:00 - 07:00	51.3	69.6	43.6	dB(A)
07:00 - 08:00	53.6	73.3	44.5	dB(A)
08:00 - 09:00	55.1	78.2	45.6	dB(A)
09:00 - 10:00	53.8	74.6	45.5	dB(A)
$L_{eq}$ 24 hr.	51.0	-	-	dB(A)
$L_{dnf}$	55.2	-	-	dB(A)
Maximum	-	78.2	-	dB(A)
Standard	$70^{1)} 70^{2)}$	$115^{1)} 115^{2)}$	-	dB(A)

REMARK : \* Test Report/Sampling marked 'Not TISI Accredited' in this report are not included in the TISI Accreditation Schedule for our laboratory

<sup>1)</sup> Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)

<sup>2)</sup> Notification of Ministry of the Industry B.E. 2548 (2005)

\* Parameter Outside The Scope of The Regulation of The Department of Industrial Works  
(Ms. Thanatporn Klinsonon is Section Head, Mrs. Wanpen Lhaochindawat is Technical Management)  
(Measurement By Mr. Tummarut Photakham)

<sup>3)</sup> Start Time

Approved By: [Signature]

(MRS. WANPEN LHAOCHINDAWAT)

05/05/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY  
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## EASTERN THAI CONSULTING 1992 CO., LTD.

683 Moo 11 Sukhapibarn 8 Rd., Nongkham, Sriracha, Chonburi 20230  
Tel: 0-3848-1197-8, 0-3876-3031-2 Fax: 0-3848-2095 E-mail: marketing@etc1992.com



NSC-TISI-TIS 17025  
TESTING 0031

Request No. LA66-R0506

Report No. R6605-0102

### TEST REPORT

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

SAMPLE NO. : 07258  
MEASURING DATE : 24-25/04/2023  
RECEIVED DATE : 25/04/2023  
REPORTED DATE : 05/05/2023

TIME \ DATE	24-25/04/2023 ( $L_{eq}$ )	24-25/04/2023 ( $L_{max}$ )	24-25/04/2023 ( $L_{eq}$ )#	UNIT
10:00 - 11:00 <sup>1)</sup>	51.6	67.1	44.6	dB(A)
11:00 - 12:00	51.7	68.8	45.6	dB(A)
12:00 - 13:00	50.8	68.9	45.5	dB(A)
13:00 - 14:00	50.2	68.6	44.3	dB(A)
14:00 - 15:00	55.7	83.0	44.2	dB(A)
15:00 - 16:00	51.2	65.3	45.4	dB(A)
16:00 - 17:00	54.8	78.3	48.5	dB(A)
17:00 - 18:00	51.3	69.0	43.6	dB(A)
18:00 - 19:00	52.1	72.1	46.0	dB(A)
19:00 - 20:00	51.9	74.2	44.7	dB(A)
20:00 - 21:00	50.3	71.2	44.7	dB(A)
21:00 - 22:00	52.0	74.6	44.0	dB(A)
22:00 - 23:00	45.9	62.7	44.3	dB(A)
23:00 - 00:00	46.6	67.8	43.9	dB(A)
00:00 - 01:00	48.6	74.1	45.0	dB(A)
01:00 - 02:00	48.1	66.2	46.8	dB(A)
02:00 - 03:00	46.3	60.0	45.1	dB(A)
03:00 - 04:00	50.0	73.6	45.8	dB(A)
04:00 - 05:00	49.0	66.4	45.6	dB(A)
05:00 - 06:00	52.8	72.7	48.0	dB(A)
06:00 - 07:00	52.7	69.0	47.7	dB(A)
07:00 - 08:00	55.4	72.0	49.1	dB(A)
08:00 - 09:00	55.5	75.7	47.3	dB(A)
09:00 - 10:00	53.8	74.4	45.6	dB(A)
$L_{eq}$ 24 hr.	52.0	-	-	dB(A)
$L_{dnt}$	56.7	-	-	dB(A)
Maximum	-	83.0	-	dB(A)
Standard	$70^1, 70^2$	$115^1, 115^2$	-	dB(A)

REMARK : \* Test Report/Sampling marked 'Not TISI Accredited' in this report are not included in the TISI Accreditation Schedule for our laboratory

<sup>1)</sup> Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)

<sup>2)</sup> Notification of Ministry of the Industry B.E. 2548 (2005)

\* Parameter Outside The Scope of The Regulation of The Department of Industrial Works

(Ms. Thanatporn Klinsonon is Section Head, Mrs. Wanpen Lhaochindawat is Technical Management)

(Measurement By Mr. Tummarut Phothakham)



Approved By...

(MRS. WANPEN LHAOCHINDAWAT)

05/05/2023

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด  
REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY  
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NSC-TISI-TIS 17025  
TESTING 0031

Request No. LA66-R0506

Report No. R6605-0089

### TEST REPORT

CUSTOMER : NPC Safety and Environmental Service Co., Ltd.  
ADDRESS : 20/9 Pakomsongkrohrad Rd., T. Maptaphut A. Muangrayong, Rayong 21150  
SAMPLE SOURCE : PTT Asahi Chemical Co., Ltd.  
SAMPLE POINT : บริเวณวัดวัดนาขลุ่ยของโครงการ  
PARAMETER\* :  $L_{eq}$  1 hr.,  $L_{eq}$  24 hr.,  $L_{max}$ ,  $L_{avg}$  &  $L_{dnt}$   
DETERMINATION METHOD : ISO 1996-1:2016  
INSTRUMENT : Integrated Sound Level Meter ;  
S/N G301039 : Class 2

SAMPLE NO. : 07245  
MEASURING DATE : 18-19/04/2023  
RECEIVED DATE : 25/04/2023  
REPORTED DATE : 05/05/2023

TIME \ DATE	18-19/04/2023 ( $L_{eq}$ )	18-19/04/2023 ( $L_{max}$ )	18-19/04/2023 ( $L_{eq}$ )#	UNIT
10:00 - 11:00 <sup>1)</sup>	67.3	72.0	66.7	dB(A)
11:00 - 12:00	67.2	71.0	66.7	dB(A)
12:00 - 13:00	67.8	75.5	66.9	dB(A)
13:00 - 14:00	67.2	72.1	66.6	dB(A)
14:00 - 15:00	67.1	71.8	66.4	dB(A)
15:00 - 16:00	67.5	72.9	66.7	dB(A)
16:00 - 17:00	67.5	77.2	66.8	dB(A)
17:00 - 18:00	67.1	72.0	66.6	dB(A)
18:00 - 19:00	67.2	71.9	66.8	dB(A)
19:00 - 20:00	67.1	69.1	66.6	dB(A)
20:00 - 21:00	67.3	69.4	66.8	dB(A)
21:00 - 22:00	67.2	68.8	66.6	dB(A)
22:00 - 23:00	67.1	70.4	66.6	dB(A)
23:00 - 00:00	67.0	68.8	66.6	dB(A)
00:00 - 01:00	67.3	70.1	66.8	dB(A)
01:00 - 02:00	67.4	70.1	66.9	dB(A)
02:00 - 03:00	67.4	68.5	66.9	dB(A)
03:00 - 04:00	67.4	68.6	67.0	dB(A)
04:00 - 05:00	67.3	68.4	66.9	dB(A)
05:00 - 06:00	67.3	68.8	66.9	dB(A)
06:00 - 07:00	67.4	75.5	66.9	dB(A)
07:00 - 08:00	67.4	81.7	66.8	dB(A)
08:00 - 09:00	68.4	78.6	66.7	dB(A)
09:00 - 10:00	67.0	73.7	66.4	dB(A)
$L_{eq}$ 24 hr.	67.3	-	-	dB(A)
$L_{dnt}$	73.7	-	-	dB(A)
Maximum	-	81.7	-	dB(A)
Standard	$70^1, 70^2$	$115^1, 115^2$	-	dB(A)

REMARK : \* Test Report/Sampling marked 'Not TISI Accredited' in this report are not included in the TISI Accreditation Schedule for our laboratory

<sup>1)</sup> Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)

<sup>2)</sup> Notification of Ministry of the Industry B.E. 2548 (2005)

\* Parameter Outside The Scope of The Regulation of The Department of Industrial Works

(Ms. Thanatporn Klinsonon is Section Head, Mrs. Wanpen Lhaochindawat is Technical Management)

(Measurement By Mr. Tummarut Phothakham)



Approved By...

(MRS. WANPEN LHAOCHINDAWAT)

05/05/2023

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด  
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NSC-TISI-TIS 17025  
TESTING 0031

Request No. LA66-R0506

Report No. R6605-0090

## TEST REPORT

CUSTOMER : NPC Safety and Environmental Service Co., Ltd.  
ADDRESS : 20/9 Pakomsongkrohrad Rd., T. Maptaphut A. Muangrayong, Rayong 21150  
SAMPLE SOURCE : PTT Asahi Chemical Co., Ltd.  
SAMPLE POINT : บริเวณรั้วด้านทิศเหนือของโครงการ  
PARAMETER\* :  $L_{eq}$  1 hr.,  $L_{eq}$  24 hr.,  $L_{max}$ ,  $L_{90}$  &  $L_{dnf}$   
DETERMINATION METHOD : ISO 1996-1:2016  
INSTRUMENT : Integrated Sound Level Meter ;  
S/N G301039 : Class 2

SAMPLE NO. : 07246  
MEASURING DATE : 19-20/04/2023  
RECEIVED DATE : 25/04/2023  
REPORTED DATE : 05/05/2023

TIME \ DATE	19-20/04/2023 ( $L_{eq}$ )	19-20/04/2023 ( $L_{max}$ )	19-20/04/2023 ( $L_{90}$ )#	UNIT
10:00 - 11:00 <sup>1)</sup>	67.1	73.0	66.5	dB(A)
11:00 - 12:00	67.4	75.8	66.7	dB(A)
12:00 - 13:00	67.8	79.3	66.7	dB(A)
13:00 - 14:00	67.2	70.8	66.5	dB(A)
14:00 - 15:00	67.3	74.5	66.5	dB(A)
15:00 - 16:00	67.4	77.8	66.5	dB(A)
16:00 - 17:00	67.0	71.3	66.3	dB(A)
17:00 - 18:00	67.2	75.2	66.4	dB(A)
18:00 - 19:00	67.0	71.5	66.4	dB(A)
19:00 - 20:00	67.0	71.5	66.5	dB(A)
20:00 - 21:00	66.9	72.1	66.4	dB(A)
21:00 - 22:00	66.9	68.5	66.4	dB(A)
22:00 - 23:00	66.9	69.4	66.5	dB(A)
23:00 - 00:00	67.1	70.2	66.6	dB(A)
00:00 - 01:00	67.0	70.0	66.5	dB(A)
01:00 - 02:00	67.0	69.4	66.5	dB(A)
02:00 - 03:00	66.9	68.5	66.5	dB(A)
03:00 - 04:00	67.0	68.3	66.6	dB(A)
04:00 - 05:00	67.1	68.3	66.7	dB(A)
05:00 - 06:00	67.1	68.5	66.7	dB(A)
06:00 - 07:00	67.0	71.8	66.5	dB(A)
07:00 - 08:00	67.3	77.1	66.6	dB(A)
08:00 - 09:00	66.7	74.9	65.9	dB(A)
09:00 - 10:00	66.1	68.7	65.6	dB(A)
$L_{eq}$ 24 hr.	67.1	-	-	dB(A)
$L_{dnf}$	73.4	-	-	dB(A)
Maximum	-	79.3	-	dB(A)
Standard	$70^1, 70^2$	$115^1, 115^2$	-	dB(A)

REMARK : <sup>1)</sup> Test Report/Sampling marked 'Not TISI Accredited' in this report are not included in the TISI Accreditation Schedule for our laboratory  
<sup>2)</sup> Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)

<sup>3)</sup> Start Time  
Notification of Ministry of the Industry B.E. 2548 (2005)  
\* Parameter Outside The Scope of The Regulation of The Department of Industrial Works  
(Ms. Thanaporn Klinsonon is Section Head, Mrs. Wanpen Lhaochindawat is Technical Management)  
(Measurement By Mr. Tummarut Phonsakulchai)



Approved By: [Signature]  
(MRS. WANPEN LHAOCHINDAWAT)

05/05/2023

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Tel. 0-3848-1197-8, 0-3876-3031-2 Fax : 0-3848-2095 E-mail : marketing@etc1992.com



NSC-TISI-TIS 17025  
TESTING 0031

Request No. LA66-R0506

Report No. R6605-0091

## TEST REPORT

CUSTOMER : NPC Safety and Environmental Service Co., Ltd.  
ADDRESS : 20/9 Pakomsongkrohrad Rd., T. Maptaphut A. Muangrayong, Rayong 21150  
SAMPLE SOURCE : PTT Asahi Chemical Co., Ltd.  
SAMPLE POINT : บริเวณรั้วด้านทิศเหนือของโครงการ  
PARAMETER\* :  $L_{eq}$  1 hr.,  $L_{eq}$  24 hr.,  $L_{max}$ ,  $L_{90}$  &  $L_{dnf}$   
DETERMINATION METHOD : ISO 1996-1:2016  
INSTRUMENT : Integrated Sound Level Meter ;  
S/N G301039 : Class 2

SAMPLE NO. : 07247  
MEASURING DATE : 20-21/04/2023  
RECEIVED DATE : 25/04/2023  
REPORTED DATE : 05/05/2023

TIME \ DATE	20-21/04/2023 ( $L_{eq}$ )	20-21/04/2023 ( $L_{max}$ )	20-21/04/2023 ( $L_{90}$ )#	UNIT
10:00 - 11:00 <sup>1)</sup>	66.5	72.1	65.8	dB(A)
11:00 - 12:00	66.9	75.6	66.0	dB(A)
12:00 - 13:00	66.6	69.3	66.0	dB(A)
13:00 - 14:00	66.9	69.1	66.3	dB(A)
14:00 - 15:00	66.9	71.0	66.2	dB(A)
15:00 - 16:00	66.6	71.0	66.0	dB(A)
16:00 - 17:00	66.8	72.6	66.2	dB(A)
17:00 - 18:00	66.9	70.4	66.3	dB(A)
18:00 - 19:00	66.9	71.3	66.4	dB(A)
19:00 - 20:00	66.9	69.2	66.4	dB(A)
20:00 - 21:00	67.0	69.5	66.5	dB(A)
21:00 - 22:00	66.9	70.8	66.4	dB(A)
22:00 - 23:00	67.2	69.6	66.7	dB(A)
23:00 - 00:00	67.2	69.5	66.7	dB(A)
00:00 - 01:00	67.0	69.3	66.5	dB(A)
01:00 - 02:00	67.0	69.1	66.6	dB(A)
02:00 - 03:00	67.0	69.2	66.5	dB(A)
03:00 - 04:00	67.0	69.0	66.6	dB(A)
04:00 - 05:00	67.1	68.9	66.6	dB(A)
05:00 - 06:00	67.0	69.0	66.5	dB(A)
06:00 - 07:00	66.8	72.0	66.4	dB(A)
07:00 - 08:00	66.8	76.5	66.1	dB(A)
08:00 - 09:00	66.5	75.0	65.8	dB(A)
09:00 - 10:00	65.9	73.0	65.5	dB(A)
$L_{eq}$ 24 hr.	66.9	-	-	dB(A)
$L_{dnf}$	73.4	-	-	dB(A)
Maximum	-	76.5	-	dB(A)
Standard	$70^1, 70^2$	$115^1, 115^2$	-	dB(A)

REMARK : <sup>1)</sup> Test Report/Sampling marked 'Not TISI Accredited' in this report are not included in the TISI Accreditation Schedule for our laboratory  
<sup>2)</sup> Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)

<sup>3)</sup> Start Time  
Notification of Ministry of the Industry B.E. 2548 (2005)  
\* Parameter Outside The Scope of The Regulation of The Department of Industrial Works  
(Ms. Thanaporn Klinsonon is Section Head, Mrs. Wanpen Lhaochindawat is Technical Management)  
(Measurement By Mr. Tummarut Phonsakulchai)



Approved By: [Signature]  
(MRS. WANPEN LHAOCHINDAWAT)

05/05/2023

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NSC-TISI-TIS 17025  
TESTING 0031

Request No. LA66-R0506  
Report No. R6605-0092

## TEST REPORT

CUSTOMER : NPC Safety and Environmental Service Co., Ltd.  
ADDRESS : 20/9 Pakomsongkroh Rd., T. Maptaphut A. Muangrayong, Rayong 21150  
SAMPLE SOURCE : PTT Asahi Chemical Co., Ltd.  
SAMPLE POINT : บริเวณรั้วด้านทิศเหนือของโครงการ  
PARAMETER\* :  $L_{eq}$  1 hr.,  $L_{eq}$  24 hr.,  $L_{max}$ ,  $L_{90\%}$  &  $L_{dn}$   
DETERMINATION METHOD : ISO 1996-1:2016  
INSTRUMENT : Integrated Sound Level Meter ;  
S/N G301039 : Class 2

SAMPLE NO. : 07248  
MEASURING DATE : 21-22/04/2023  
RECEIVED DATE : 25/04/2023  
REPORTED DATE : 05/05/2023

TIME \ DATE	21-22/04/2023 ( $L_{eq}$ )	21-22/04/2023 ( $L_{max}$ )	21-22/04/2023 ( $L_{90\%}$ )	UNIT
10:00 - 11:00	66.3	72.8	65.7	dB(A)
11:00 - 12:00	67.3	75.8	66.4	dB(A)
12:00 - 13:00	66.6	69.9	66.0	dB(A)
13:00 - 14:00	66.6	69.2	66.0	dB(A)
14:00 - 15:00	67.2	73.2	66.3	dB(A)
15:00 - 16:00	66.5	70.6	65.9	dB(A)
16:00 - 17:00	66.5	71.8	65.9	dB(A)
17:00 - 18:00	66.7	72.5	66.1	dB(A)
18:00 - 19:00	66.9	72.4	66.3	dB(A)
19:00 - 20:00	66.7	68.9	66.2	dB(A)
20:00 - 21:00	66.6	69.5	66.1	dB(A)
21:00 - 22:00	66.8	69.0	66.3	dB(A)
22:00 - 23:00	66.8	69.3	66.3	dB(A)
23:00 - 00:00	66.9	69.2	66.4	dB(A)
00:00 - 01:00	67.1	68.9	66.6	dB(A)
01:00 - 02:00	67.1	69.7	66.5	dB(A)
02:00 - 03:00	67.2	69.5	66.7	dB(A)
03:00 - 04:00	67.1	69.7	66.6	dB(A)
04:00 - 05:00	67.1	69.3	66.6	dB(A)
05:00 - 06:00	67.2	73.8	66.7	dB(A)
06:00 - 07:00	67.1	70.0	66.6	dB(A)
07:00 - 08:00	66.9	69.1	66.4	dB(A)
08:00 - 09:00	67.2	70.7	66.6	dB(A)
09:00 - 10:00	66.7	71.1	66.2	dB(A)
$L_{eq}$ 24 hr.	66.9	-	-	dB(A)
$L_{dn}$	73.4	-	-	dB(A)
Maximum	-	75.8	-	dB(A)
Standard	$70^1, 70^2$	$115^1, 115^2$	-	dB(A)

REMARK : \* Test Report/Sampling marked 'Not TISI Accredited' in this report are not included in the TISI Accreditation Schedule for our laboratory

<sup>1</sup> Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)

<sup>2</sup> Notification of Ministry of the Industry B.E. 2548 (2005)

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

(Ms. Thanaporn Klinsonon is Section Head, Mrs. Wanpen Lhaochindawat is Technical Management)

(Measurement By Mr. Tummarut Photakham)



Approved By: (MRS. WANPEN LHAOCHINDAWAT)

05/05/2023

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NSC-TISI-TIS 17025  
TESTING 0031

Request No. LA66-R0506  
Report No. R6605-0093

## TEST REPORT

CUSTOMER : NPC Safety and Environmental Service Co., Ltd.  
ADDRESS : 20/9 Pakomsongkroh Rd., T. Maptaphut A. Muangrayong, Rayong 21150  
SAMPLE SOURCE : PTT Asahi Chemical Co., Ltd.  
SAMPLE POINT : บริเวณรั้วด้านทิศเหนือของโครงการ  
PARAMETER\* :  $L_{eq}$  1 hr.,  $L_{eq}$  24 hr.,  $L_{max}$ ,  $L_{90\%}$  &  $L_{dn}$   
DETERMINATION METHOD : ISO 1996-1:2016  
INSTRUMENT : Integrated Sound Level Meter ;  
S/N G301039 : Class 2

SAMPLE NO. : 07249  
MEASURING DATE : 22-23/04/2023  
RECEIVED DATE : 25/04/2023  
REPORTED DATE : 05/05/2023

TIME \ DATE	22-23/04/2023 ( $L_{eq}$ )	22-23/04/2023 ( $L_{max}$ )	22-23/04/2023 ( $L_{90\%}$ )	UNIT
10:00 - 11:00	66.7	70.3	66.1	dB(A)
11:00 - 12:00	66.9	69.8	66.4	dB(A)
12:00 - 13:00	66.8	69.1	66.3	dB(A)
13:00 - 14:00	67.0	74.8	66.4	dB(A)
14:00 - 15:00	66.9	71.3	66.2	dB(A)
15:00 - 16:00	66.7	73.8	66.0	dB(A)
16:00 - 17:00	66.7	73.2	66.0	dB(A)
17:00 - 18:00	66.7	73.8	66.1	dB(A)
18:00 - 19:00	66.9	71.4	66.3	dB(A)
19:00 - 20:00	66.9	69.2	66.4	dB(A)
20:00 - 21:00	66.9	69.6	66.4	dB(A)
21:00 - 22:00	66.9	69.2	66.4	dB(A)
22:00 - 23:00	66.9	69.2	66.4	dB(A)
23:00 - 00:00	66.9	69.7	66.4	dB(A)
00:00 - 01:00	66.9	69.6	66.4	dB(A)
01:00 - 02:00	66.9	69.3	66.4	dB(A)
02:00 - 03:00	66.7	69.0	66.3	dB(A)
03:00 - 04:00	67.0	69.3	66.5	dB(A)
04:00 - 05:00	67.2	69.4	66.7	dB(A)
05:00 - 06:00	67.1	69.2	66.7	dB(A)
06:00 - 07:00	67.1	70.6	66.6	dB(A)
07:00 - 08:00	67.4	74.2	66.6	dB(A)
08:00 - 09:00	67.3	74.1	66.6	dB(A)
09:00 - 10:00	66.9	69.5	66.3	dB(A)
$L_{eq}$ 24 hr.	66.9	-	-	dB(A)
$L_{dn}$	73.4	-	-	dB(A)
Maximum	-	74.8	-	dB(A)
Standard	$70^1, 70^2$	$115^1, 115^2$	-	dB(A)

REMARK : \* Test Report/Sampling marked 'Not TISI Accredited' in this report are not included in the TISI Accreditation Schedule for our laboratory

<sup>1</sup> Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)

<sup>2</sup> Notification of Ministry of the Industry B.E. 2548 (2005)

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

(Ms. Thanaporn Klinsonon is Section Head, Mrs. Wanpen Lhaochindawat is Technical Management)

(Measurement By Mr. Tummarut Photakham)



Approved By: (MRS. WANPEN LHAOCHINDAWAT)

05/05/2023

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY  
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WITHOUT THE WRITTEN APPROVAL LABORATORY



# EASTERN THAI CONSULTING 1992 CO., LTD.

683 Moo 11 Sukhapibarn 8 Rd., Nongkham, Sriracha, Chonburi 20230  
Tel. 0-3848-1197-8, 0-3876-3031-2 Fax : 0-3848-2095 E-mail : marketing@etc1992.com



NSC-TISI-TIS 17025  
TESTING 0031

Request No. LA66-R0506  
Report No. R6605-0094

## TEST REPORT

CUSTOMER : NPC Safety and Environmental Service Co., Ltd.  
ADDRESS : 20/9 Pakomsongkroh Rd., T. Maptaphut A. Muangrayong, Rayong 21150  
SAMPLE SOURCE : PTT Asahi Chemical Co., Ltd.  
SAMPLE POINT : บริเวณริมรั้วด้านทิศเหนือของโครงการ  
PARAMETER\* :  $L_{eq}$  1 hr.,  $L_{eq}$  24 hr.,  $L_{max}$ ,  $L_{90}$  &  $L_{dnf}$   
DETERMINATION METHOD : ISO 1996-1:2016  
INSTRUMENT : Integrated Sound Level Meter ;  
S/N G301039 : Class 2

SAMPLE NO. : 07250  
MEASURING DATE : 23-24/04/2023  
RECEIVED DATE : 25/04/2023  
REPORTED DATE : 05/05/2023

TIME \ DATE	23-24/04/2023 ( $L_{eq}$ )	23-24/04/2023 ( $L_{max}$ )	23-24/04/2023 ( $L_{90}$ )#	UNIT
10:00 - 11:00 <sup>1)</sup>	67.1	69.9	66.5	dB(A)
11:00 - 12:00	67.1	72.2	66.4	dB(A)
12:00 - 13:00	67.6	75.7	66.7	dB(A)
13:00 - 14:00	67.1	70.0	66.4	dB(A)
14:00 - 15:00	67.2	71.2	66.4	dB(A)
15:00 - 16:00	67.0	72.0	66.2	dB(A)
16:00 - 17:00	67.2	74.6	66.3	dB(A)
17:00 - 18:00	67.0	72.3	66.4	dB(A)
18:00 - 19:00	67.2	69.4	66.6	dB(A)
19:00 - 20:00	67.1	69.7	66.6	dB(A)
20:00 - 21:00	67.2	69.7	66.6	dB(A)
21:00 - 22:00	67.2	69.4	66.6	dB(A)
22:00 - 23:00	67.3	69.7	66.7	dB(A)
23:00 - 00:00	67.3	69.7	66.8	dB(A)
00:00 - 01:00	67.2	69.7	66.7	dB(A)
01:00 - 02:00	67.2	69.4	66.8	dB(A)
02:00 - 03:00	67.2	69.5	66.8	dB(A)
03:00 - 04:00	67.1	69.1	66.7	dB(A)
04:00 - 05:00	67.2	69.1	66.7	dB(A)
05:00 - 06:00	66.9	69.7	66.4	dB(A)
06:00 - 07:00	66.4	70.4	65.9	dB(A)
07:00 - 08:00	66.4	73.7	65.8	dB(A)
08:00 - 09:00	67.5	76.9	66.3	dB(A)
09:00 - 10:00	67.4	74.7	66.7	dB(A)
$L_{eq}$ 24 hr.	67.1	*	*	dB(A)
$L_{dnf}$	73.5	*	*	dB(A)
Maximum	*	76.9	*	dB(A)
Standard	70 <sup>1)</sup> , 70 <sup>2)</sup>	115 <sup>1)</sup> , 115 <sup>2)</sup>	*	dB(A)

REMARK : \* Test Report/Sampling marked 'Not TISI Accredited' in this report are not included in the TISI Accreditation Schedule for our laboratory

<sup>1)</sup> Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)

<sup>2)</sup> Notification of Ministry of the Industry B.E. 2538 (2005)

\* Parameter Outside The Scope of The Registration of The Department of Industrial Works  
(Ms. Thanaporn Klinson is Section Head, Mrs. Wanpen Lhaochindawat is Technical Management)  
(Measurement By Mr. Tummarut Phonsakulnui)

<sup>3)</sup> Start Time

Approved By.....  
(MRS. WANPEN LHAOCHINDAWAT)  
05/05/2023

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด  
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NSC-TISI-TIS 17025  
TESTING 0031

Request No. LA66-R0506  
Report No. R6605-0095

## TEST REPORT

CUSTOMER : NPC Safety and Environmental Service Co., Ltd.  
ADDRESS : 20/9 Pakomsongkroh Rd., T. Maptaphut A. Muangrayong, Rayong 21150  
SAMPLE SOURCE : PTT Asahi Chemical Co., Ltd.  
SAMPLE POINT : บริเวณริมรั้วด้านทิศเหนือของโครงการ  
PARAMETER\* :  $L_{eq}$  1 hr.,  $L_{eq}$  24 hr.,  $L_{max}$ ,  $L_{90}$  &  $L_{dnf}$   
DETERMINATION METHOD : ISO 1996-1:2016  
INSTRUMENT : Integrated Sound Level Meter ;  
S/N G301039 : Class 2

SAMPLE NO. : 07251  
MEASURING DATE : 24-25/04/2023  
RECEIVED DATE : 25/04/2023  
REPORTED DATE : 05/05/2023

TIME \ DATE	24-25/04/2023 ( $L_{eq}$ )	24-25/04/2023 ( $L_{max}$ )	24-25/04/2023 ( $L_{90}$ )#	UNIT
10:00 - 11:00 <sup>1)</sup>	67.0	69.3	66.5	dB(A)
11:00 - 12:00	67.2	78.1	66.4	dB(A)
12:00 - 13:00	67.3	72.9	66.7	dB(A)
13:00 - 14:00	66.7	71.0	66.1	dB(A)
14:00 - 15:00	66.4	74.1	65.7	dB(A)
15:00 - 16:00	67.0	74.4	66.2	dB(A)
16:00 - 17:00	66.2	70.9	65.6	dB(A)
17:00 - 18:00	66.4	73.8	65.9	dB(A)
18:00 - 19:00	67.1	77.5	66.6	dB(A)
19:00 - 20:00	67.2	81.0	66.7	dB(A)
20:00 - 21:00	67.2	69.0	66.7	dB(A)
21:00 - 22:00	67.0	69.4	66.6	dB(A)
22:00 - 23:00	67.1	69.2	66.6	dB(A)
23:00 - 00:00	67.1	70.1	66.6	dB(A)
00:00 - 01:00	67.3	69.2	66.8	dB(A)
01:00 - 02:00	66.9	68.9	66.4	dB(A)
02:00 - 03:00	67.0	69.1	66.6	dB(A)
03:00 - 04:00	67.2	69.4	66.8	dB(A)
04:00 - 05:00	67.1	69.0	66.7	dB(A)
05:00 - 06:00	67.1	69.1	66.6	dB(A)
06:00 - 07:00	66.8	74.0	66.4	dB(A)
07:00 - 08:00	67.2	77.4	66.5	dB(A)
08:00 - 09:00	67.4	80.1	66.5	dB(A)
09:00 - 10:00	67.2	77.1	66.5	dB(A)
$L_{eq}$ 24 hr.	67.0	*	*	dB(A)
$L_{dnf}$	73.5	*	*	dB(A)
Maximum	*	81.0	*	dB(A)
Standard	70 <sup>1)</sup> , 70 <sup>2)</sup>	115 <sup>1)</sup> , 115 <sup>2)</sup>	*	dB(A)

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(Ms. Thanaporn Klinson is Section Head, Mrs. Wanpen Lhaochindawat is Technical Management)  
(Measurement By Mr. Tummarut Phonsakulnui)

<sup>3)</sup> Start Time

Approved By.....  
(MRS. WANPEN LHAOCHINDAWAT)  
05/05/2023

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