

ระดับเสียงทั่วไป (Leq-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. LA65-R1055
Report No. R6510-1648

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 : บริเวณวัดมาบขลุ่ย
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 090085 : Type 2

SAMPLE NO. : 30964
MEASURING DATE : 19-20/10/2022
RECEIVED DATE : 26/10/2022
REPORTED DATE : 01/11/2022

TIME \ DATE	19-20/10/2022 (L_{eq})	19-20/10/2022 (L_{max})	19-20/10/2022 ($L_{90\%}$)	UNIT
10:30 - 11:30 ¹⁾	55.2	77.2	45.7	dB(A)
11:30 - 12:30	53.7	76.8	45.4	dB(A)
12:30 - 13:30	53.3	80.8	44.1	dB(A)
13:30 - 14:30	55.7	84.9	43.6	dB(A)
14:30 - 15:30	58.0	92.0	44.2	dB(A)
15:30 - 16:30	62.6	90.2	44.6	dB(A)
16:30 - 17:30	55.6	84.5	46.3	dB(A)
17:30 - 18:30	50.7	72.4	45.5	dB(A)
18:30 - 19:30	52.9	80.5	45.0	dB(A)
19:30 - 20:30	49.1	69.9	45.5	dB(A)
20:30 - 21:30	51.1	82.0	46.8	dB(A)
21:30 - 22:30	51.7	79.2	46.0	dB(A)
22:30 - 23:30	48.8	72.9	44.7	dB(A)
23:30 - 00:30	46.1	67.4	43.8	dB(A)
00:30 - 01:30	57.2	84.9	44.2	dB(A)
01:30 - 02:30	45.9	80.8	43.2	dB(A)
02:30 - 03:30	45.5	66.6	43.3	dB(A)
03:30 - 04:30	48.4	77.9	43.2	dB(A)
04:30 - 05:30	57.4	87.5	43.5	dB(A)
05:30 - 06:30	53.8	81.5	45.8	dB(A)
06:30 - 07:30	54.1	73.0	46.6	dB(A)
07:30 - 08:30	54.9	74.3	46.4	dB(A)
08:30 - 09:30	54.0	79.8	44.3	dB(A)
09:30 - 10:30	52.2	75.9	44.0	dB(A)
L_{eq} 24 hr.	54.8	-	-	dB(A)
L_{dnf}	59.9	-	-	dB(A)
Maximum	-	92.0	-	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

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

²⁾ 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, Mr. Wanchai Chanchindawat is Technical Manager)
(Measurement By Mr. Tummarut Photakulchai)



Approved By.

(MS. WANCHAI CHANCHINDAWAT)

01/11/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
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. LA65-R1055
Report No. R6510-1649

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 : บริเวณวัดมาบขลุ่ย
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 090085 : Type 2

SAMPLE NO. : 30965
MEASURING DATE : 20-21/10/2022
RECEIVED DATE : 26/10/2022
REPORTED DATE : 01/11/2022

TIME \ DATE	20-21/10/2022 (L_{eq})	20-21/10/2022 (L_{max})	20-21/10/2022 ($L_{90\%}$)	UNIT
10:30 - 11:30 ¹⁾	50.8	79.9	43.1	dB(A)
11:30 - 12:30	51.6	78.4	44.1	dB(A)
12:30 - 13:30	61.9	88.1	44.0	dB(A)
13:30 - 14:30	65.5	80.4	49.5	dB(A)
14:30 - 15:30	63.5	82.8	48.5	dB(A)
15:30 - 16:30	71.4	99.8	46.9	dB(A)
16:30 - 17:30	53.3	73.8	45.1	dB(A)
17:30 - 18:30	51.3	73.7	44.8	dB(A)
18:30 - 19:30	50.6	78.0	45.1	dB(A)
19:30 - 20:30	49.5	78.2	44.2	dB(A)
20:30 - 21:30	47.3	69.6	44.5	dB(A)
21:30 - 22:30	48.7	78.1	43.8	dB(A)
22:30 - 23:30	53.3	90.1	43.7	dB(A)
23:30 - 00:30	46.8	71.2	44.2	dB(A)
00:30 - 01:30	45.1	58.9	43.3	dB(A)
01:30 - 02:30	44.7	72.7	43.1	dB(A)
02:30 - 03:30	44.3	62.4	41.7	dB(A)
03:30 - 04:30	46.6	65.9	42.0	dB(A)
04:30 - 05:30	52.6	89.7	42.4	dB(A)
05:30 - 06:30	52.2	74.5	45.5	dB(A)
06:30 - 07:30	54.2	77.6	46.4	dB(A)
07:30 - 08:30	54.8	79.8	45.2	dB(A)
08:30 - 09:30	55.1	77.8	44.3	dB(A)
09:30 - 10:30	51.0	71.8	42.3	dB(A)
L_{eq} 24 hr.	60.0	-	-	dB(A)
L_{dnf}	61.4	-	-	dB(A)
Maximum	-	99.8	-	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

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

²⁾ 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. Wanchai Chanchindawat is Technical Manager)
(Measurement By Mr. Tummarut Photakulchai)



Approved By.

(MS. WANCHAI CHANCHINDAWAT)

01/11/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
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. LA65-R1055
Report No. R6510-1650

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 : บริเวณวัดมาบตาพุด
PARAMETER* : L_{eq} 1 hr., L_{eq} 24 hr., L_{max} , L_{90th} & L_{dnf}
DETERMINATION METHOD : ISO 1996-1:2016
INSTRUMENT : Integrated Sound Level Meter
S/N 090085 : Type 2

SAMPLE NO. : 30966
MEASURING DATE : 21-22/10/2022
RECEIVED DATE : 26/10/2022
REPORTED DATE : 01/11/2022

TIME \ DATE	21-22/10/2022 (L_{eq})	21-22/10/2022 (L_{max})	21-22/10/2022 (L_{90th})	UNIT
10:30 - 11:30 ¹⁾	55.5	78.3	41.7	dB(A)
11:30 - 12:30	51.8	73.1	42.2	dB(A)
12:30 - 13:30	53.9	83.3	41.5	dB(A)
13:30 - 14:30	54.6	86.1	44.6	dB(A)
14:30 - 15:30	56.1	80.6	45.6	dB(A)
15:30 - 16:30	53.3	70.7	45.0	dB(A)
16:30 - 17:30	49.6	74.9	42.9	dB(A)
17:30 - 18:30	47.3	70.1	44.0	dB(A)
18:30 - 19:30	51.9	81.7	45.4	dB(A)
19:30 - 20:30	48.7	65.2	47.2	dB(A)
20:30 - 21:30	49.9	77.7	44.6	dB(A)
21:30 - 22:30	65.6	91.2	45.0	dB(A)
22:30 - 23:30	48.3	69.8	45.2	dB(A)
23:30 - 00:30	51.9	83.6	44.7	dB(A)
00:30 - 01:30	47.7	70.0	44.3	dB(A)
01:30 - 02:30	48.5	80.7	44.4	dB(A)
02:30 - 03:30	50.5	73.5	44.2	dB(A)
03:30 - 04:30	50.9	77.2	45.3	dB(A)
04:30 - 05:30	53.6	82.2	45.3	dB(A)
05:30 - 06:30	51.4	70.0	44.6	dB(A)
06:30 - 07:30	50.9	74.3	43.3	dB(A)
07:30 - 08:30	47.6	71.8	41.6	dB(A)
08:30 - 09:30	51.8	81.1	42.0	dB(A)
09:30 - 10:30	52.5	81.8	42.7	dB(A)
L_{eq} 24 hr.	54.8	-	-	dB(A)
L_{dnf}	58.5	-	-	dB(A)
Maximum	-	91.2	-	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

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

²⁾ Notification of Ministry of the Industry B.E. 2538 (1995)

* Parameter Outside The Scope of The Regulation of the Department of Industrial Works
(Ms. Thanaporn Klinsonon is Section Chief, Ms. Wannop Thachindawat is Technical Manager)
(Measurement By Mr. Tummarut Phattanasumrit)



Approved By:

³⁾ Start Time

01/11/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
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. LA65-R1055
Report No. R6510-1651

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 : บริเวณวัดมาบตาพุด
PARAMETER* : L_{eq} 1 hr., L_{eq} 24 hr., L_{max} , L_{90th} & L_{dnf}
DETERMINATION METHOD : ISO 1996-1:2016
INSTRUMENT : Integrated Sound Level Meter
S/N 090085 : Type 2

SAMPLE NO. : 30967
MEASURING DATE : 22-23/10/2022
RECEIVED DATE : 26/10/2022
REPORTED DATE : 01/11/2022

TIME \ DATE	22-23/10/2022 (L_{eq})	22-23/10/2022 (L_{max})	22-23/10/2022 (L_{90th})	UNIT
10:30 - 11:30 ¹⁾	52.8	75.0	45.0	dB(A)
11:30 - 12:30	50.5	81.3	44.9	dB(A)
12:30 - 13:30	59.3	88.9	46.1	dB(A)
13:30 - 14:30	63.0	95.2	45.6	dB(A)
14:30 - 15:30	51.0	72.6	45.0	dB(A)
15:30 - 16:30	56.7	83.9	44.3	dB(A)
16:30 - 17:30	48.1	70.3	43.5	dB(A)
17:30 - 18:30	51.1	72.2	44.7	dB(A)
18:30 - 19:30	51.1	78.5	45.6	dB(A)
19:30 - 20:30	50.0	78.7	44.7	dB(A)
20:30 - 21:30	47.8	70.1	45.0	dB(A)
21:30 - 22:30	49.4	78.8	44.5	dB(A)
22:30 - 23:30	54.0	90.8	44.4	dB(A)
23:30 - 00:30	47.5	71.9	44.9	dB(A)
00:30 - 01:30	45.8	59.6	44.0	dB(A)
01:30 - 02:30	45.4	73.4	43.8	dB(A)
02:30 - 03:30	45.0	63.1	42.4	dB(A)
03:30 - 04:30	47.1	66.4	42.5	dB(A)
04:30 - 05:30	53.1	90.2	42.9	dB(A)
05:30 - 06:30	53.1	75.4	46.4	dB(A)
06:30 - 07:30	55.1	78.5	47.3	dB(A)
07:30 - 08:30	55.7	80.7	46.1	dB(A)
08:30 - 09:30	55.6	78.3	44.8	dB(A)
09:30 - 10:30	52.0	78.0	41.4	dB(A)
L_{eq} 24 hr.	54.3	-	-	dB(A)
L_{dnf}	58.5	-	-	dB(A)
Maximum	-	95.2	-	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

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

²⁾ Notification of Ministry of the Industry B.E. 2538 (1995)

* Parameter Outside The Scope of The Regulation of the Department of Industrial Works
(Ms. Thanaporn Klinsonon is Section Chief, Ms. Wannop Thachindawat is Technical Manager)
(Measurement By Mr. Tummarut Phattanasumrit)



Approved By:

³⁾ Start Time

01/11/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
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



Request No. LA65-R1055
Report No. R6510-1652

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_{dn}
DETERMINATION METHOD : ISO 1996-1:2016
INSTRUMENT : Integrated Sound Level Meter
S/N 090085 : Type 2

SAMPLE NO. : 30968
MEASURING DATE : 23-24/10/2022
RECEIVED DATE : 26/10/2022
REPORTED DATE : 01/11/2022

TIME \ DATE	23-24/10/2022 (L_{eq})	23-24/10/2022 (L_{max})	23-24/10/2022 ($L_{90\%}$)	UNIT
10:30 - 11:30 ¹⁾	49.6	73.5	41.4	dB(A)
11:30 - 12:30	48.8	74.4	42.4	dB(A)
12:30 - 13:30	54.0	85.0	42.5	dB(A)
13:30 - 14:30	52.2	78.2	41.7	dB(A)
14:30 - 15:30	51.4	81.1	43.0	dB(A)
15:30 - 16:30	53.3	82.3	42.4	dB(A)
16:30 - 17:30	50.7	76.4	42.2	dB(A)
17:30 - 18:30	46.3	73.1	41.1	dB(A)
18:30 - 19:30	56.3	81.9	42.6	dB(A)
19:30 - 20:30	46.2	74.3	41.8	dB(A)
20:30 - 21:30	44.9	58.9	42.9	dB(A)
21:30 - 22:30	45.0	72.5	40.3	dB(A)
22:30 - 23:30	49.5	79.8	39.3	dB(A)
23:30 - 00:30	41.4	60.9	38.9	dB(A)
00:30 - 01:30	40.7	64.1	38.6	dB(A)
01:30 - 02:30	44.6	70.1	39.3	dB(A)
02:30 - 03:30	46.2	64.8	40.8	dB(A)
03:30 - 04:30	52.3	79.0	44.3	dB(A)
04:30 - 05:30	52.6	73.0	45.2	dB(A)
05:30 - 06:30	54.5	77.2	41.6	dB(A)
06:30 - 07:30	53.0	83.3	41.6	dB(A)
07:30 - 08:30	51.6	75.0	40.3	dB(A)
08:30 - 09:30	51.0	80.7	40.5	dB(A)
09:30 - 10:30	48.1	65.4	39.4	dB(A)
L_{eq} 24 hr.	50.9	-	-	dB(A)
L_{dn}	57.0	-	-	dB(A)
Maximum	-	85.0	-	dB(A)
Standard	$70^{\frac{1}{1}}$, $70^{\frac{2}{2}}$	$115^{\frac{1}{1}}$, $115^{\frac{2}{2}}$	-	dB(A)

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

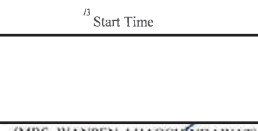
¹⁾ Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)

²⁾ 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 Chief, Ms. Lhaochindawat is Technician
(Measurement By Mr. Tummarut Phosakham)



Approved



(MRS. WANPEN LHAOCHINDAWAT)

01/11/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
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



Request No. LA65-R1055
Report No. R6510-1653

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_{dn}
DETERMINATION METHOD : ISO 1996-1:2016
INSTRUMENT : Integrated Sound Level Meter
S/N 090085 : Type 2

SAMPLE NO. : 30969
MEASURING DATE : 24-25/10/2022
RECEIVED DATE : 26/10/2022
REPORTED DATE : 01/11/2022

TIME \ DATE	24-25/10/2022 (L_{eq})	24-25/10/2022 (L_{max})	24-25/10/2022 ($L_{90\%}$)	UNIT
10:30 - 11:30 ¹⁾	56.2	81.9	40.0	dB(A)
11:30 - 12:30	63.9	89.7	42.0	dB(A)
12:30 - 13:30	52.8	75.2	42.7	dB(A)
13:30 - 14:30	51.8	74.5	41.4	dB(A)
14:30 - 15:30	54.5	82.6	42.0	dB(A)
15:30 - 16:30	56.2	79.8	42.0	dB(A)
16:30 - 17:30	56.0	80.1	42.0	dB(A)
17:30 - 18:30	60.3	86.8	41.6	dB(A)
18:30 - 19:30	61.3	88.7	41.1	dB(A)
19:30 - 20:30	60.9	83.2	40.5	dB(A)
20:30 - 21:30	46.3	79.3	41.3	dB(A)
21:30 - 22:30	61.3	85.5	39.2	dB(A)
22:30 - 23:30	57.3	84.6	39.1	dB(A)
23:30 - 00:30	51.1	73.2	38.7	dB(A)
00:30 - 01:30	41.9	64.0	38.7	dB(A)
01:30 - 02:30	56.5	80.9	38.6	dB(A)
02:30 - 03:30	55.1	81.5	39.9	dB(A)
03:30 - 04:30	56.5	86.4	45.5	dB(A)
04:30 - 05:30	54.9	74.5	45.3	dB(A)
05:30 - 06:30	52.5	76.4	44.0	dB(A)
06:30 - 07:30	53.4	81.8	43.5	dB(A)
07:30 - 08:30	52.0	79.4	42.5	dB(A)
08:30 - 09:30	54.1	82.1	42.4	dB(A)
09:30 - 10:30	52.0	74.9	41.8	dB(A)
L_{eq} 24 hr.	57.2	-	-	dB(A)
L_{dn}	61.8	-	-	dB(A)
Maximum	-	89.7	-	dB(A)
Standard	$70^{\frac{1}{1}}$, $70^{\frac{2}{2}}$	$115^{\frac{1}{1}}$, $115^{\frac{2}{2}}$	-	dB(A)

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

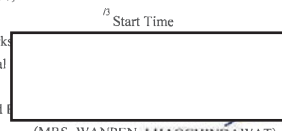
¹⁾ Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)

²⁾ 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 Chief, Ms. Lhaochindawat is Technician
(Measurement By Mr. Tummarut Phosakham)



Approved



(MRS. WANPEN LHAOCHINDAWAT)

01/11/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
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. LA65-R1055
Report No. R6510-1654

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 : บริเวณวัดมาบขลุ่ย
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 090085 : Type 2

SAMPLE NO. : 30970
MEASURING DATE : 25-26/10/2022
RECEIVED DATE : 26/10/2022
REPORTED DATE : 01/11/2022

TIME \ DATE	25-26/10/2022 (L_{eq})	25-26/10/2022 (L_{max})	25-26/10/2022 ($L_{90\%}$)	UNIT
10:30 - 11:30 ¹⁾	51.4	78.8	41.8	dB(A)
11:30 - 12:30	54.9	81.7	43.5	dB(A)
12:30 - 13:30	51.5	81.8	43.1	dB(A)
13:30 - 14:30	55.3	77.4	43.7	dB(A)
14:30 - 15:30	59.4	88.8	43.5	dB(A)
15:30 - 16:30	64.9	93.0	44.6	dB(A)
16:30 - 17:30	61.8	88.4	44.0	dB(A)
17:30 - 18:30	67.4	89.9	41.6	dB(A)
18:30 - 19:30	63.8	84.0	42.3	dB(A)
19:30 - 20:30	59.5	82.9	40.6	dB(A)
20:30 - 21:30	48.1	74.9	39.3	dB(A)
21:30 - 22:30	40.4	56.2	38.5	dB(A)
22:30 - 23:30	41.2	62.1	39.5	dB(A)
23:30 - 00:30	66.3	87.7	38.1	dB(A)
00:30 - 01:30	62.8	84.8	39.0	dB(A)
01:30 - 02:30	51.9	82.4	40.4	dB(A)
02:30 - 03:30	62.4	84.8	42.4	dB(A)
03:30 - 04:30	56.8	83.4	46.8	dB(A)
04:30 - 05:30	62.9	95.3	45.1	dB(A)
05:30 - 06:30	56.5	81.4	43.7	dB(A)
06:30 - 07:30	52.5	75.9	43.8	dB(A)
07:30 - 08:30	58.6	71.5	43.1	dB(A)
08:30 - 09:30	53.1	77.5	40.9	dB(A)
09:30 - 10:30	53.3	76.7	44.6	dB(A)
L_{eq} 24 hr.	60.6	-	-	dB(A)
L_{dnf}	67.3	-	-	dB(A)
Maximum	-	95.3	-	dB(A)
Standard	$70^{1/1}, 70^{2/2}$	$115^{1/1}, 115^{2/2}$	-	dB(A)

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

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

²⁾ Notification of Ministry of the Industry B.E. 2547 (2004)

* Parameter Outside The Scope of The Regulation of The Department of Industrial Works
(Ms. Thanaporn Klinsonon is Section Chief, Mr. Thachonchaiwat is Technical Manager)
(Measurement By Mr. Tummarut Photakulchai)



Approved By, _____

³⁾ Start Time

01/11/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
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. LA65-R1055
Report No. R6510-1641

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 : 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 : Type 2

SAMPLE NO. : 30957
MEASURING DATE : 19-20/10/2022
RECEIVED DATE : 26/10/2022
REPORTED DATE : 01/11/2022

TIME \ DATE	19-20/10/2022 (L_{eq})	19-20/10/2022 (L_{max})	19-20/10/2022 ($L_{90\%}$)	UNIT
10:00 - 11:00 ¹⁾	66.4	81.3	65.2	dB(A)
11:00 - 12:00	66.6	85.5	65.1	dB(A)
12:00 - 13:00	65.8	73.5	65.1	dB(A)
13:00 - 14:00	65.2	68.2	64.7	dB(A)
14:00 - 15:00	65.3	73.3	64.8	dB(A)
15:00 - 16:00	65.8	70.9	65.3	dB(A)
16:00 - 17:00	66.4	74.0	65.7	dB(A)
17:00 - 18:00	67.1	70.8	66.7	dB(A)
18:00 - 19:00	66.8	71.4	66.2	dB(A)
19:00 - 20:00	66.5	70.7	66.1	dB(A)
20:00 - 21:00	66.4	68.2	66.1	dB(A)
21:00 - 22:00	66.5	67.9	66.2	dB(A)
22:00 - 23:00	66.6	67.8	66.3	dB(A)
23:00 - 00:00	66.4	67.6	66.1	dB(A)
00:00 - 01:00	66.3	67.4	66.0	dB(A)
01:00 - 02:00	66.3	68.4	65.9	dB(A)
02:00 - 03:00	66.3	67.3	66.0	dB(A)
03:00 - 04:00	66.4	67.5	66.0	dB(A)
04:00 - 05:00	66.4	67.5	66.1	dB(A)
05:00 - 06:00	66.5	67.5	66.1	dB(A)
06:00 - 07:00	66.5	70.9	66.1	dB(A)
07:00 - 08:00	66.2	72.6	65.7	dB(A)
08:00 - 09:00	66.2	73.1	65.5	dB(A)
09:00 - 10:00	65.8	73.2	65.2	dB(A)
L_{eq} 24 hr.	66.3	-	-	dB(A)
L_{dnf}	72.8	-	-	dB(A)
Maximum	-	85.5	-	dB(A)
Standard	$70^{1/1}, 70^{2/2}$	$115^{1/1}, 115^{2/2}$	-	dB(A)

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

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

²⁾ Notification of Ministry of the Industry B.E. 2547 (2004)

* Parameter Outside The Scope of The Regulation of The Department of Industrial Works
(Ms. Thanaporn Klinsonon is Section Chief, Mr. Thachonchaiwat is Technical Manager)
(Measurement By Mr. Tummarut Photakulchai)



Approved _____

³⁾ Start Time

01/11/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
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. LA65-R1055
Report No. R6510-1642

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} SAMPLE NO. : 30958
DETERMINATION METHOD : ISO 1996-1:2016 MEASURING DATE : 20-21/10/2022
INSTRUMENT : Integrated Sound Level Meter RECEIVED DATE : 26/10/2022
S/N G301039 : Type 2 REPORTED DATE : 01/11/2022

TIME \ DATE	20-21/10/2022 (L_{eq})	20-21/10/2022 (L_{max})	20-21/10/2022 ($L_{90\%}$)	UNIT
10:00 - 11:00 ¹⁾	66.0	73.2	65.3	dB(A)
11:00 - 12:00	66.1	74.4	65.4	dB(A)
12:00 - 13:00	66.1	72.9	65.5	dB(A)
13:00 - 14:00	67.5	78.0	65.8	dB(A)
14:00 - 15:00	66.2	71.6	65.8	dB(A)
15:00 - 16:00	66.1	79.6	65.6	dB(A)
16:00 - 17:00	67.7	81.0	66.0	dB(A)
17:00 - 18:00	67.0	75.5	66.5	dB(A)
18:00 - 19:00	66.8	70.8	66.4	dB(A)
19:00 - 20:00	66.8	70.2	66.5	dB(A)
20:00 - 21:00	66.7	68.6	66.3	dB(A)
21:00 - 22:00	66.4	67.4	66.1	dB(A)
22:00 - 23:00	66.5	67.6	66.2	dB(A)
23:00 - 00:00	66.5	67.5	66.2	dB(A)
00:00 - 01:00	66.5	70.3	66.2	dB(A)
01:00 - 02:00	66.4	67.6	66.1	dB(A)
02:00 - 03:00	66.4	67.4	66.1	dB(A)
03:00 - 04:00	66.5	67.6	66.2	dB(A)
04:00 - 05:00	66.5	67.5	66.2	dB(A)
05:00 - 06:00	66.6	67.6	66.3	dB(A)
06:00 - 07:00	66.6	71.6	66.2	dB(A)
07:00 - 08:00	66.3	72.0	65.9	dB(A)
08:00 - 09:00	66.7	74.3	65.9	dB(A)
09:00 - 10:00	66.5	70.8	66.0	dB(A)
L_{eq} 24 hr.	66.6	-	-	dB(A)
L_{dnf}	72.9	-	-	dB(A)
Maximum	-	81.0	-	dB(A)
Standard	$70^{11} \pm 70^{12}$	$115^{11}, 115^{12}$	-	dB(A)

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

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

²⁾ 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. Wannisa Chuenchindawat is Technical Manager)
(Measurement By Mr. Tummarut Photanagorn)



Approved By.

³⁾ Start Time

01/11/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
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. LA65-R1055
Report No. R6510-1643

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} SAMPLE NO. : 30959
DETERMINATION METHOD : ISO 1996-1:2016 MEASURING DATE : 21-22/10/2022
INSTRUMENT : Integrated Sound Level Meter RECEIVED DATE : 26/10/2022
S/N G301039 : Type 2 REPORTED DATE : 01/11/2022

TIME \ DATE	21-22/10/2022 (L_{eq})	21-22/10/2022 (L_{max})	21-22/10/2022 ($L_{90\%}$)	UNIT
10:00 - 11:00 ¹⁾	66.7	73.6	66.0	dB(A)
11:00 - 12:00	66.4	73.6	65.7	dB(A)
12:00 - 13:00	65.8	70.3	65.4	dB(A)
13:00 - 14:00	66.2	69.7	65.8	dB(A)
14:00 - 15:00	66.1	70.6	65.7	dB(A)
15:00 - 16:00	66.7	73.2	66.1	dB(A)
16:00 - 17:00	66.6	72.8	66.1	dB(A)
17:00 - 18:00	66.9	71.8	66.4	dB(A)
18:00 - 19:00	66.5	71.4	66.1	dB(A)
19:00 - 20:00	66.5	71.2	66.1	dB(A)
20:00 - 21:00	66.5	68.2	66.2	dB(A)
21:00 - 22:00	66.5	67.6	66.2	dB(A)
22:00 - 23:00	66.6	67.8	66.2	dB(A)
23:00 - 00:00	66.5	67.5	66.1	dB(A)
00:00 - 01:00	66.5	67.6	66.2	dB(A)
01:00 - 02:00	66.6	67.8	66.2	dB(A)
02:00 - 03:00	66.5	67.5	66.1	dB(A)
03:00 - 04:00	66.4	67.3	66.1	dB(A)
04:00 - 05:00	66.4	67.4	66.1	dB(A)
05:00 - 06:00	66.5	67.5	66.2	dB(A)
06:00 - 07:00	66.4	69.1	66.1	dB(A)
07:00 - 08:00	66.4	75.0	66.0	dB(A)
08:00 - 09:00	66.2	72.5	65.5	dB(A)
09:00 - 10:00	66.1	74.1	65.5	dB(A)
L_{eq} 24 hr.	66.4	-	-	dB(A)
L_{dnf}	72.9	-	-	dB(A)
Maximum	-	75.0	-	dB(A)
Standard	$70^{11} \pm 70^{12}$	$115^{11}, 115^{12}$	-	dB(A)

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

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

²⁾ 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. Wannisa Chuenchindawat is Technical Manager)
(Measurement By Mr. Tummarut Photanagorn)



Approved By.

³⁾ Start Time

01/11/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
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. LA65-R1055
Report No. R6510-1644

TEST REPORT

CUSTOMER : NPC Safety and Environmental Service Co., Ltd.
ADDRESS : 20/9 Pakornsongkroh 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} SAMPLE NO. : 30960
DETERMINATION METHOD : ISO 1996-1:2016 MEASURING DATE : 22-23/10/2022
INSTRUMENT : Integrated Sound Level Meter RECEIVED DATE : 26/10/2022
S/N G301039 : Type 2 REPORTED DATE : 01/11/2022

TIME \ DATE	22-23/10/2022 (L_{eq})	22-23/10/2022 (L_{max})	22-23/10/2022 ($L_{90\%}$)	UNIT
10:00 - 11:00 ¹⁾	66.0	70.4	65.4	dB(A)
11:00 - 12:00	66.3	75.7	65.6	dB(A)
12:00 - 13:00	66.8	69.1	66.2	dB(A)
13:00 - 14:00	66.8	69.2	66.2	dB(A)
14:00 - 15:00	67.0	70.9	66.4	dB(A)
15:00 - 16:00	66.9	71.9	66.2	dB(A)
16:00 - 17:00	71.2	79.1	66.6	dB(A)
17:00 - 18:00	67.6	82.8	66.8	dB(A)
18:00 - 19:00	66.9	71.4	66.5	dB(A)
19:00 - 20:00	66.8	68.1	66.5	dB(A)
20:00 - 21:00	66.8	69.2	66.5	dB(A)
21:00 - 22:00	66.9	68.2	66.5	dB(A)
22:00 - 23:00	66.8	68.0	66.5	dB(A)
23:00 - 00:00	66.6	71.0	66.3	dB(A)
00:00 - 01:00	66.6	67.7	66.3	dB(A)
01:00 - 02:00	66.6	67.4	66.3	dB(A)
02:00 - 03:00	67.0	68.9	66.5	dB(A)
03:00 - 04:00	67.3	69.8	66.7	dB(A)
04:00 - 05:00	68.5	75.6	67.2	dB(A)
05:00 - 06:00	67.4	69.6	66.8	dB(A)
06:00 - 07:00	66.9	68.9	66.6	dB(A)
07:00 - 08:00	66.8	77.2	66.3	dB(A)
08:00 - 09:00	67.0	76.9	66.2	dB(A)
09:00 - 10:00	67.1	75.3	66.3	dB(A)
L_{eq} 24 hr.	67.2	-	-	dB(A)
L_{dnf}	73.6	-	-	dB(A)
Maximum	-	82.8	-	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

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

²⁾ Notification of Ministry of the Industry B.E. 2538 (1995)

* Parameter Outside The Scope of The Regulation of The Department of Industrial Works
(Ms. Thanaporn Klinsonon is Section Chief, Mr. Theerachai Thanchandawat is Technician)
(Measurement By Mr. Tummarut Photakham)



Approved

³⁾ Start Time

01/11/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
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. LA65-R1055
Report No. R6510-1645

TEST REPORT

CUSTOMER : NPC Safety and Environmental Service Co., Ltd.
ADDRESS : 20/9 Pakornsongkroh 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} SAMPLE NO. : 30961
DETERMINATION METHOD : ISO 1996-1:2016 MEASURING DATE : 23-24/10/2022
INSTRUMENT : Integrated Sound Level Meter RECEIVED DATE : 26/10/2022
S/N G301039 : Type 2 REPORTED DATE : 01/11/2022

TIME \ DATE	23-24/10/2022 (L_{eq})	23-24/10/2022 (L_{max})	23-24/10/2022 ($L_{90\%}$)	UNIT
10:00 - 11:00 ¹⁾	66.6	73.4	66.0	dB(A)
11:00 - 12:00	66.3	74.4	65.6	dB(A)
12:00 - 13:00	66.8	70.0	65.8	dB(A)
13:00 - 14:00	67.2	69.2	66.6	dB(A)
14:00 - 15:00	67.0	71.5	66.4	dB(A)
15:00 - 16:00	66.0	70.2	65.5	dB(A)
16:00 - 17:00	66.2	69.7	65.7	dB(A)
17:00 - 18:00	67.2	73.2	66.5	dB(A)
18:00 - 19:00	67.1	68.5	66.7	dB(A)
19:00 - 20:00	66.7	68.3	66.3	dB(A)
20:00 - 21:00	66.5	68.8	66.1	dB(A)
21:00 - 22:00	66.8	68.3	66.3	dB(A)
22:00 - 23:00	67.0	68.0	66.6	dB(A)
23:00 - 00:00	66.7	67.9	66.4	dB(A)
00:00 - 01:00	66.9	67.9	66.6	dB(A)
01:00 - 02:00	66.8	67.9	66.5	dB(A)
02:00 - 03:00	66.8	67.9	66.4	dB(A)
03:00 - 04:00	66.7	67.6	66.4	dB(A)
04:00 - 05:00	66.7	67.9	66.4	dB(A)
05:00 - 06:00	66.8	67.8	66.5	dB(A)
06:00 - 07:00	66.8	70.1	66.4	dB(A)
07:00 - 08:00	66.6	72.4	66.1	dB(A)
08:00 - 09:00	66.5	73.9	65.9	dB(A)
09:00 - 10:00	66.6	76.8	65.9	dB(A)
L_{eq} 24 hr.	66.7	-	-	dB(A)
L_{dnf}	73.2	-	-	dB(A)
Maximum	-	76.8	-	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

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

²⁾ Notification of Ministry of the Industry B.E. 2538 (1995)

* Parameter Outside The Scope of The Regulation of The Department of Industrial Works
(Ms. Thanaporn Klinsonon is Section Chief, Mr. Theerachai Thanchandawat is Technician)
(Measurement By Mr. Tummarut Photakham)



Approved

³⁾ Start Time

01/11/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
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. LA65-R1055
Report No. R6510-1646

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 : Type 2

SAMPLE NO. : 30962
MEASURING DATE : 24-25/10/2022
RECEIVED DATE : 26/10/2022
REPORTED DATE : 01/11/2022

TIME \ DATE	24-25/10/2022 (L_{eq})	24-25/10/2022 (L_{max})	24-25/10/2022 ($L_{90\%}$)	UNIT
10:00 - 11:00 ¹³	66.3	71.3	65.8	dB(A)
11:00 - 12:00	66.6	80.0	65.9	dB(A)
12:00 - 13:00	66.7	67.8	66.1	dB(A)
13:00 - 14:00	66.8	68.7	66.2	dB(A)
14:00 - 15:00	66.7	71.4	66.0	dB(A)
15:00 - 16:00	66.2	71.9	65.5	dB(A)
16:00 - 17:00	66.1	69.1	65.6	dB(A)
17:00 - 18:00	66.9	70.7	66.3	dB(A)
18:00 - 19:00	67.1	70.8	66.7	dB(A)
19:00 - 20:00	67.3	70.2	66.9	dB(A)
20:00 - 21:00	67.1	68.8	66.5	dB(A)
21:00 - 22:00	66.9	68.3	66.5	dB(A)
22:00 - 23:00	67.1	68.2	66.6	dB(A)
23:00 - 00:00	66.9	70.5	66.6	dB(A)
00:00 - 01:00	66.8	68.5	66.4	dB(A)
01:00 - 02:00	66.8	67.9	66.5	dB(A)
02:00 - 03:00	66.6	67.6	66.3	dB(A)
03:00 - 04:00	66.5	67.6	66.2	dB(A)
04:00 - 05:00	66.6	67.9	66.2	dB(A)
05:00 - 06:00	66.7	67.7	66.3	dB(A)
06:00 - 07:00	66.7	73.4	66.3	dB(A)
07:00 - 08:00	66.5	73.0	66.1	dB(A)
08:00 - 09:00	66.6	77.1	65.8	dB(A)
09:00 - 10:00	65.9	74.3	65.2	dB(A)
L_{eq} 24 hr.	66.7	-	-	dB(A)
L_{dnf}	73.1	-	-	dB(A)
Maximum	-	80.0	-	dB(A)
Standard	$70^{11}, 70^{12}$	$115^{11}, 115^{12}$	-	dB(A)

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

¹¹ Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)

¹² 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 Chief, Ms. Chuchindawat is Technician)
(Measurement By Mr. Tummarut Photadistum)



Approved

¹³ Start Time

01/11/2022

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
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. LA65-R1055
Report No. R6510-1647

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 : Type 2

SAMPLE NO. : 30963
MEASURING DATE : 25-26/10/2022
RECEIVED DATE : 26/10/2022
REPORTED DATE : 01/11/2022

TIME \ DATE	25-26/10/2022 (L_{eq})	25-26/10/2022 (L_{max})	25-26/10/2022 ($L_{90\%}$)	UNIT
10:00 - 11:00 ¹³	66.2	71.7	65.5	dB(A)
11:00 - 12:00	66.1	74.0	65.3	dB(A)
12:00 - 13:00	65.1	72.7	64.4	dB(A)
13:00 - 14:00	65.2	68.2	64.3	dB(A)
14:00 - 15:00	67.6	79.8	66.1	dB(A)
15:00 - 16:00	66.6	69.1	65.6	dB(A)
16:00 - 17:00	66.0	69.9	65.4	dB(A)
17:00 - 18:00	66.6	70.7	66.1	dB(A)
18:00 - 19:00	66.5	68.3	66.1	dB(A)
19:00 - 20:00	66.5	71.6	66.2	dB(A)
20:00 - 21:00	66.5	69.5	66.2	dB(A)
21:00 - 22:00	66.5	67.5	66.2	dB(A)
22:00 - 23:00	66.4	67.4	66.1	dB(A)
23:00 - 00:00	66.3	67.5	65.9	dB(A)
00:00 - 01:00	66.4	67.5	66.0	dB(A)
01:00 - 02:00	66.3	67.3	66.0	dB(A)
02:00 - 03:00	66.3	67.4	66.0	dB(A)
03:00 - 04:00	66.4	67.3	66.1	dB(A)
04:00 - 05:00	66.4	67.3	66.1	dB(A)
05:00 - 06:00	66.5	67.5	66.1	dB(A)
06:00 - 07:00	66.4	69.0	66.0	dB(A)
07:00 - 08:00	66.1	73.5	65.7	dB(A)
08:00 - 09:00	66.6	77.2	65.8	dB(A)
09:00 - 10:00	66.3	75.0	65.5	dB(A)
L_{eq} 24 hr.	66.3	-	-	dB(A)
L_{dnf}	72.8	-	-	dB(A)
Maximum	-	79.8	-	dB(A)
Standard	$70^{11}, 70^{12}$	$115^{11}, 115^{12}$	-	dB(A)

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

¹¹ Notification of Office of The National Environmental Board Volume 15 B.E. 2540 (1997)

¹² 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 Chief, Ms. Chuchindawat is Technician)
(Measurement By Mr. Tummarut Photadistum)



Approved

¹³ Start Time

01/11/2022

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