

ภาคผนวก ค.

ใบรับรองผลการตรวจวัด

คุณภาพอากาศในบรรยากาศ

Request No. ATR6903042

Report No. 6903-0563 - 6903-0569

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co.,Ltd.
 ADDRESS : 38/14 Moo 5 T.Tungsukla A.Sriracha,Chonburi 20230
 SAMPLE SOURCE : Siam Poongsan Metal Co.,Ltd.
 SAMPLE NAME : บริเวณพื้นที่โครงการ (A1)
 RECEIVED DATE : 21/03/2026 SAMPLE NO. : A69030563 - A69030569
 TESTED DATE : 21/03/2026-23/03/2026 REPORTED DATE : 30/03/2026

PARAMETER*	TEST METHOD	SAMPLING DATE	RESULT	STD ^{1/}	UNIT
Total Suspended Particulate (TSP)	Gravimetric Method	10-11/03/2026	74.4	200	µg/m ³
		11-12/03/2026	73.5	200	µg/m ³
		12-13/03/2026	95.3	200	µg/m ³
		13-14/03/2026	67.1	200	µg/m ³
		14-15/03/2026	88.9	200	µg/m ³
		15-16/03/2026	78.6	200	µg/m ³
		16-17/03/2026	67.1	200	µg/m ³

REMARK:

^{1/} Notification of The National Environment Board on Ambient Air Quality Standards, B.E. 2569 (2026) Standard for 24-hr Average.

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

(Sampling By Mr. Seksan Pluemwong)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By

(Miss Thanatporn Klinsoyon)

30/03/2026

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 THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
 WITHOUT THE WRITTEN APPROVAL LABORATORY

Request No. ATR6903042

Report No. 6903-0556 - 6903-0562

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co.,Ltd.
 ADDRESS : 38/14 Moo 5 T.Tungsukla A.Sriracha,Chonburi 20230
 SAMPLE SOURCE : Siam Poongsan Metal Co.,Ltd.
 SAMPLE NAME : บริเวณพื้นที่โครงการ (A1)
 RECEIVED DATE : 21/03/2026 SAMPLE NO. : A69030556 - A69030562
 TESTED DATE : 21/03/2026-23/03/2026 REPORTED DATE : 30/03/2026

PARAMETER*	TEST METHOD	SAMPLING DATE	RESULT	STD ^{/1}	UNIT
Particulate matter less than or Equal					
10 micrometers (PM 10)	Gravimetric Method	10-11/03/2026	55.8	100	µg/m ³
		11-12/03/2026	45.3	100	µg/m ³
		12-13/03/2026	50.3	100	µg/m ³
		13-14/03/2026	38.7	100	µg/m ³
		14-15/03/2026	56.1	100	µg/m ³
		15-16/03/2026	51.8	100	µg/m ³
		16-17/03/2026	35.0	100	µg/m ³

REMARK:

^{/1} Notification of The National Environment Board on Ambient Air Quality Standards, B.E. 2569 (2026) Standard for 24-hr Average.

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

(Sampling By Mr. Seksan Pluemwong)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By

(Miss Thanatporn Klinsoyon)

30/03/2026

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Request No. ATR6903042

Report No. 6903-0570 - 6903-0576

TEST REPORT

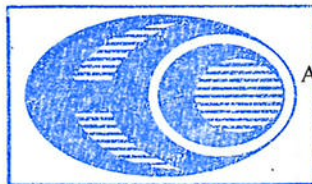
CUSTOMER : Siam Poongsan Metal Co.,Ltd.
 ADDRESS : 38/14 Moo 5 T.Tungsukla A.Sriracha,Chonburi 20230
 SAMPLE SOURCE : Siam Poongsan Metal Co.,Ltd.
 SAMPLE NAME : บริเวณพื้นที่โครงการ (A1)
 RECEIVED DATE : 21/03/2026 SAMPLE NO. : A69030570 - A69030576
 TESTED DATE : 21/03/2026-28/03/2026 REPORTED DATE : 30/03/2026

PARAMETER*	TEST METHOD	SAMPLING DATE	RESULT	UNIT
Zinc Oxide	Filtration,ICP-OES Method	10-11/03/2026	0.0008	mg/m ³
		11-12/03/2026	0.0012	mg/m ³
		12-13/03/2026	0.0013	mg/m ³
		13-14/03/2026	0.0007	mg/m ³
		14-15/03/2026	0.0019	mg/m ³
		15-16/03/2026	0.0008	mg/m ³
		16-17/03/2026	0.0021	mg/m ³

REMARK:

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

(Sampling By Mr. Seksan Pluemwong)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By

(Miss Thanatporn Klinsoon)

30/03/2026

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Request No. ATR6903042

Report No. 6903-0584 - 6903-0590

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co.,Ltd.
ADDRESS : 38/14 Moo 5 T.Tungskula A.Sriracha,Chonburi 20230
SAMPLE SOURCE : Siam Poongsan Metal Co.,Ltd.
SAMPLE NAME : บริเวณที่ทำการย่อยเขตอุตสาหกรรมส่งออกของนิคมอุตสาหกรรมแหลมฉบัง (A2)
RECEIVED DATE : 21/03/2026 SAMPLE NO. : A69030584 - A69030590
TESTED DATE : 21/03/2026-23/03/2026 REPORTED DATE : 30/03/2026

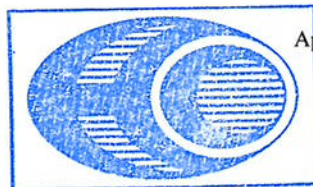
PARAMETER*	TEST METHOD	SAMPLING DATE	RESULT	STD ^{/1}	UNIT
Total Suspended Particulate (TSP)	Gravimetric Method	10-11/03/2026	111.9	200	µg/m ³
		11-12/03/2026	85.1	200	µg/m ³
		12-13/03/2026	143.1	200	µg/m ³
		13-14/03/2026	86.2	200	µg/m ³
		14-15/03/2026	101.0	200	µg/m ³
		15-16/03/2026	82.4	200	µg/m ³
		16-17/03/2026	81.8	200	µg/m ³

REMARK:

^{/1} Notification of The National Environment Board on Ambient Air Quality Standards, B.E. 2569 (2026) Standard for 24-hr Average.

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

(Sampling By Mr. Seksan Pluemwong)



Approved By

(Miss Thanatporn Klinsoyon)

30/03/2026

REPORT THIS TEST REFERENCE TO SUBMITTED SAMPLES ONLY
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WITHOUT THE WRITTEN APPROVAL LABORATORY

Request No. ATR6903042

Report No. 6903-0577 - 6903-0583

TEST REPORT

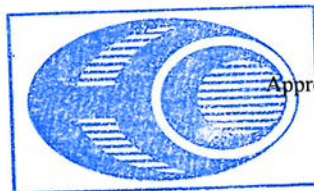
CUSTOMER : Siam Poongsan Metal Co.,Ltd.
 ADDRESS : 38/14 Moo 5 T.Tungsukla A.Sriracha,Chonburi 20230
 SAMPLE SOURCE : Siam Poongsan Metal Co.,Ltd.
 SAMPLE NAME : บริเวณที่ทำการย่อยเขตอุตสาหกรรมส่งออกของนิคมอุตสาหกรรมแหลมฉบัง (A2)
 RECEIVED DATE : 21/03/2026 SAMPLE NO. : A69030577 - A69030583
 TESTED DATE : 21/03/2026-23/03/2026 REPORTED DATE : 30/03/2026

PARAMETER*	TEST METHOD	SAMPLING DATE	RESULT	STD ^{1/}	UNIT
Particulate matter less than or Equal					
10 micrometers (PM 10)	Gravimetric Method	10-11/03/2026	60.3	100	µg/m ³
		11-12/03/2026	45.1	100	µg/m ³
		12-13/03/2026	76.6	100	µg/m ³
		13-14/03/2026	46.0	100	µg/m ³
		14-15/03/2026	65.7	100	µg/m ³
		15-16/03/2026	56.6	100	µg/m ³
		16-17/03/2026	42.2	100	µg/m ³

REMARK:^{1/} Notification of The National Environment Board on Ambient Air Quality Standards, B.E. 2569 (2026) Standard for 24-hr Average.

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

(Sampling By Mr. Seksan Pluemwong)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By

(Miss Thanatporn Klinsoon)

30/03/2026

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Request No. ATR6903042

Report No. 6903-0591 - 6903-0597

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co.,Ltd.
 ADDRESS : 38/14 Moo 5 T.Tungsukla A.Sriracha,Chonburi 20230
 SAMPLE SOURCE : Siam Poongsan Metal Co.,Ltd.
 SAMPLE NAME : บริเวณที่ทำการย่อยเขตอุตสาหกรรมส่งออกของนิคมอุตสาหกรรมแหลมฉบัง (A2)
 RECEIVED DATE : 21/03/2026 SAMPLE NO. : A69030591 - A69030597
 TESTED DATE : 21/03/2026-28/03/2026 REPORTED DATE : 30/03/2026

PARAMETER*	TEST METHOD	SAMPLING DATE	RESULT	UNIT
Zinc Oxide	Filtration,ICP-OES Method	10-11/03/2026	0.0020	mg/m ³
		11-12/03/2026	0.0011	mg/m ³
		12-13/03/2026	0.0023	mg/m ³
		13-14/03/2026	0.0007	mg/m ³
		14-15/03/2026	0.0027	mg/m ³
		15-16/03/2026	0.0025	mg/m ³
		16-17/03/2026	0.0014	mg/m ³

REMARK:

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

(Sampling By Mr. Seksan Pluemwong)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By

(Miss Thanatporn Klinsoon)

30/03/2026

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Request No. ATR6903042

Report No. 6903-0605 - 6903-0611

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co.,Ltd.
 ADDRESS : 38/14 Moo 5 T.Tungskula A.Sriracha,Chonburi 20230
 SAMPLE SOURCE : Siam Poongsan Metal Co.,Ltd.
 SAMPLE NAME : บริเวณเขตธุรกิจการค้าของนิคมอุตสาหกรรมแหลมฉบัง (A3)
 RECEIVED DATE : 21/03/2026 SAMPLE NO. : A69030605 - A69030611
 TESTED DATE : 21/03/2026-23/03/2026 REPORTED DATE : 30/03/2026

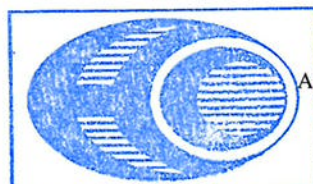
PARAMETER*	TEST METHOD	SAMPLING DATE	RESULT	STD ^{/1}	UNIT
Total Suspended Particulate (TSP)	Gravimetric Method	10-11/03/2026	99.6	200	µg/m ³
		11-12/03/2026	94.2	200	µg/m ³
		12-13/03/2026	144.0	200	µg/m ³
		13-14/03/2026	101.8	200	µg/m ³
		14-15/03/2026	119.3	200	µg/m ³
		15-16/03/2026	110.2	200	µg/m ³
		16-17/03/2026	105.8	200	µg/m ³

REMARK:

^{/1} Notification of The National Environment Board on Ambient Air Quality Standards, B.E. 2569 (2026) Standard for 24-hr Average.

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

(Sampling By Mr. Seksan Pluemwong)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By

(Miss Thanatporn Klinsopon)

30/03/2026

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Request No. ATR6903042

Report No. 6903-0598 - 6903-0604

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co.,Ltd.
 ADDRESS : 38/14 Moo 5 T.Tungsukla A.Sriracha,Chonburi 20230
 SAMPLE SOURCE : Siam Poongsan Metal Co.,Ltd.
 SAMPLE NAME : บริเวณเขตธุรกิจการค้าของนิคมอุตสาหกรรมแหลมฉบัง (A3)
 RECEIVED DATE : 21/03/2026 SAMPLE NO. : A69030598 - A69030604
 TESTED DATE : 21/03/2026-23/03/2026 REPORTED DATE : 30/03/2026

PARAMETER*	TEST METHOD	SAMPLING DATE	RESULT	STD ^{1/}	UNIT
Particulate matter less than or Equal					
10 micrometers (PM 10)	Gravimetric Method	10-11/03/2026	73.6	100	µg/m ³
		11-12/03/2026	56.6	100	µg/m ³
		12-13/03/2026	79.5	100	µg/m ³
		13-14/03/2026	54.5	100	µg/m ³
		14-15/03/2026	79.2	100	µg/m ³
		15-16/03/2026	72.2	100	µg/m ³
		16-17/03/2026	51.2	100	µg/m ³

REMARK:

^{1/} Notification of The National Environment Board on Ambient Air Quality Standards, B.E. 2569 (2026) Standard for 24-hr Average.

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

(Sampling By Mr. Seksan Pluemwong)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By

(Miss Thanatporn Klinsoyon)

30/03/2026

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Request No. ATR6903042

Report No. 6903-0612 - 6903-0618

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co.,Ltd.
 ADDRESS : 38/14 Moo 5 T.Tungsukla A.Sriracha,Chonburi 20230
 SAMPLE SOURCE : Siam Poongsan Metal Co.,Ltd.
 SAMPLE NAME : บริเวณเขตธุรกิจการค้าของนิคมอุตสาหกรรมแหลมฉบัง (A3)
 RECEIVED DATE : 21/03/2026 SAMPLE NO. : A69030612 - A69030618
 TESTED DATE : 21/03/2026-28/03/2026 REPORTED DATE : 30/03/2026

PARAMETER*	TEST METHOD	SAMPLING DATE	RESULT	UNIT
Zinc Oxide	Filtration,ICP-OES Method	10-11/03/2026	0.0018	mg/m ³
		11-12/03/2026	0.0011	mg/m ³
		12-13/03/2026	0.0021	mg/m ³
		13-14/03/2026	0.0016	mg/m ³
		14-15/03/2026	0.0009	mg/m ³
		15-16/03/2026	0.0009	mg/m ³
		16-17/03/2026	0.0011	mg/m ³

REMARK:

* Parameter Outside The Scope of The Registration of The Department of Industrial Works.
 (Sampling By Mr. Seksan Pluemwong)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By

(Miss Thanatporn Klinsoon)

30/03/2026

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Request No. LA69-R0350

Report No. R6903-1078 - R6903-1084

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.
ADDRESS : 38/14 Moo 5 T. Tungskula A. Sriracha, Chonburi 20230
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
SAMPLE POINT : บริเวณพื้นที่โครงการ (A1)
PARAMETER* : Nitrogen Dioxide
DETERMINATION METHOD : Chemiluminescence
INSTRUMENT : API Model T200 S/N 7866

SAMPLE NO. : 05613-05619
SAMPLING DATE : 10-17/03/2026
RECEIVED DATE : 17/03/2026
REPORTED DATE : 23/03/2026

TIME / DATE	10-11/03/2026	11-12/03/2026	12-13/03/2026	13-14/03/2026	14-15/03/2026	15-16/03/2026	16-17/03/2026	UNIT
10:00 - 11:00 ¹²	21.0	19.0	28.2	21.0	12.4	10.6	17.3	ppb
11:00 - 12:00	18.0	20.0	23.0	14.6	10.7	7.4	13.5	ppb
12:00 - 13:00	17.1	25.7	19.8	9.8	8.0	7.0	14.2	ppb
13:00 - 14:00	15.1	23.7	29.8	8.7	7.0	7.0	10.4	ppb
14:00 - 15:00	15.2	18.3	36.2	14.1	13.1	8.9	21.9	ppb
15:00 - 16:00	19.9	16.7	44.5	26.3	16.9	10.2	19.6	ppb
16:00 - 17:00	14.2	15.4	24.4	27.1	15.5	9.4	13.6	ppb
17:00 - 18:00	18.6	17.4	29.3	22.7	14.8	11.5	19.5	ppb
18:00 - 19:00	18.4	19.8	21.8	17.0	18.7	15.4	17.9	ppb
19:00 - 20:00	23.8	20.8	22.1	17.9	21.1	42.1	16.2	ppb
20:00 - 21:00	29.6	20.9	22.3	16.7	17.6	36.4	19.3	ppb
21:00 - 22:00	29.5	17.8	23.4	15.1	28.3	25.2	25.0	ppb
22:00 - 23:00	30.6	13.2	32.8	20.5	19.6	23.7	25.3	ppb
23:00 - 00:00	32.2	12.7	37.2	22.3	15.9	20.2	18.0	ppb
00:00 - 01:00	32.3	13.2	39.2	28.3	17.4	18.1	11.0	ppb
01:00 - 02:00	27.5	12.4	33.9	27.0	34.4	11.4	7.4	ppb
02:00 - 03:00	26.7	12.5	31.2	28.9	43.0	9.8	6.8	ppb
03:00 - 04:00	33.7	13.9	29.5	28.7	32.3	10.9	17.5	ppb
04:00 - 05:00	34.9	11.3	27.2	24.9	21.0	9.0	14.9	ppb
05:00 - 06:00	32.2	10.9	26.6	23.0	30.3	15.4	15.5	ppb
06:00 - 07:00	34.6	14.9	27.8	25.1	33.4	20.2	12.7	ppb
07:00 - 08:00	32.7	19.1	29.5	30.1	35.2	27.1	17.7	ppb
08:00 - 09:00	29.0	15.8	32.5	23.4	20.5	22.4	15.4	ppb
09:00 - 10:00	20.0	19.2	46.7	14.3	14.1	21.5	15.0	ppb
Maximum 1 hr.	34.9	25.7	46.7	30.1	43.0	42.1	25.3	ppb
Average 24 hr.	25.3	16.9	30.0	21.1	20.9	16.7	16.1	ppb
Standard (1 hr.) ¹¹	120	120	120	120	120	120	120	ppb

REMARK : ¹¹ Notification of The National Environmental Board on Ambient Air Quality Standards, B.E. 2569 (2026)¹² Start Time

* Parameter Outside The Scope of The Registration of The Department of Industrial Works
(Measurement By Mr. Seksan Pluemwong)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(MS. THANATPORN KLINSOPON)

23/03/2026

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Request No. LA69-R0350

Report No. R6903-1092 - R6903-1098

TEST REPORT

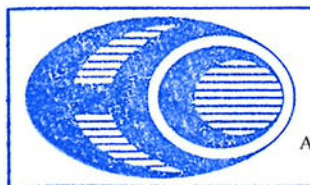
CUSTOMER : Siam Poongsan Metal Co., Ltd.
ADDRESS : 38/14 Moo 5 T. Tungskula A. Sriracha, Chonburi 20230
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
SAMPLE POINT : บริเวณที่ทำการข่อยเขตอุตสาหกรรมส่งออกของนิคมอุตสาหกรรมแหลมฉบัง (A2)
PARAMETER* : Nitrogen Dioxide
DETERMINATION METHOD : Chemiluminescence
INSTRUMENT : API Model T200 S/N 2005

SAMPLE NO. : 05627-05633
SAMPLING DATE : 10-17/03/2026
RECEIVED DATE : 17/03/2026
REPORTED DATE : 23/03/2026

TIME / DATE	10-11/03/2026	11-12/03/2026	12-13/03/2026	13-14/03/2026	14-15/03/2026	15-16/03/2026	16-17/03/2026	UNIT
10:00 - 11:00 ¹²	9.1	23.3	26.5	23.0	16.9	18.2	19.7	ppb
11:00 - 12:00	9.3	14.2	36.3	16.9	13.1	10.4	12.1	ppb
12:00 - 13:00	8.9	9.0	31.5	13.9	11.6	6.9	16.7	ppb
13:00 - 14:00	8.9	8.7	25.2	14.2	9.2	5.9	18.0	ppb
14:00 - 15:00	9.3	7.2	29.1	9.5	6.2	4.4	12.1	ppb
15:00 - 16:00	9.7	13.1	45.4	16.0	9.1	8.0	23.8	ppb
16:00 - 17:00	14.9	12.3	37.0	32.5	12.0	7.1	25.4	ppb
17:00 - 18:00	20.4	17.6	26.6	35.0	10.4	8.4	22.6	ppb
18:00 - 19:00	28.0	32.4	30.2	33.9	12.5	11.2	26.7	ppb
19:00 - 20:00	36.0	28.2	32.6	24.6	23.9	13.7	27.5	ppb
20:00 - 21:00	36.2	29.7	34.6	20.4	25.7	24.7	23.7	ppb
21:00 - 22:00	35.4	31.7	42.0	16.8	27.3	27.2	23.0	ppb
22:00 - 23:00	32.4	33.3	44.8	26.1	38.6	23.8	23.9	ppb
23:00 - 00:00	31.9	24.4	47.8	28.5	31.0	25.4	24.2	ppb
00:00 - 01:00	31.4	12.8	44.9	31.4	30.0	18.2	20.7	ppb
01:00 - 02:00	29.8	15.1	47.5	31.8	26.6	17.1	16.1	ppb
02:00 - 03:00	28.7	16.9	39.5	33.1	36.7	12.9	13.2	ppb
03:00 - 04:00	29.2	17.0	35.3	28.9	43.9	13.8	8.8	ppb
04:00 - 05:00	28.1	13.7	33.3	31.3	44.2	12.5	13.5	ppb
05:00 - 06:00	29.8	13.2	33.6	25.0	42.1	13.0	14.4	ppb
06:00 - 07:00	30.4	19.6	30.9	20.1	41.8	15.1	15.3	ppb
07:00 - 08:00	29.6	22.0	31.3	22.9	35.3	24.5	19.1	ppb
08:00 - 09:00	28.7	29.5	35.0	26.2	40.5	30.1	23.6	ppb
09:00 - 10:00	32.8	33.2	38.6	28.8	29.1	33.7	26.1	ppb
Maximum 1 hr.	36.2	33.3	47.8	35.0	44.2	33.7	27.5	ppb
Average 24 hr.	24.5	19.9	35.8	24.6	25.7	16.1	19.6	ppb
Standard (1 hr.) ¹¹	120	120	120	120	120	120	120	ppb

REMARK : ¹¹ Notification of The National Environmental Board on Ambient Air Quality Standards, B.E. 2569 (2026)¹² Start Time

* Parameter Outside The Scope of The Registration of The Department of Industrial Works
(Measurement By Mr. Seksan Pluemwong)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(MS. THANATPORN KLINSOPON)

23/03/2026

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY

THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL

WITHOUT THE WRITTEN APPROVAL LABORATORY

Request No. LA69-R0350

Report No. R6903-1106 - R6903-1112

TEST REPORT

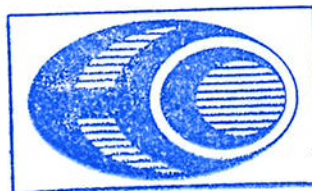
CUSTOMER : Siam Poongsan Metal Co., Ltd.
ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
SAMPLE POINT : บริเวณเขตธุรกิจการค้าของนิคมอุตสาหกรรมแหลมฉบัง (A3)
PARAMETER* : Nitrogen Dioxide
DETERMINATION METHOD : Chemiluminescence
INSTRUMENT : API Model M200E S/N 3998

SAMPLE NO. : 05641-05647
SAMPLING DATE : 10-17/03/2026
RECEIVED DATE : 17/03/2026
REPORTED DATE : 23/03/2026

TIME / DATE	10-11/03/2026	11-12/03/2026	12-13/03/2026	13-14/03/2026	14-15/03/2026	15-16/03/2026	16-17/03/2026	UNIT
11:00 - 12:00 ¹²	19.9	19.4	21.3	14.0	11.5	16.1	28.2	ppb
12:00 - 13:00	23.4	10.5	25.1	19.0	11.8	21.4	29.9	ppb
13:00 - 14:00	26.2	16.6	36.1	15.3	11.5	21.2	25.9	ppb
14:00 - 15:00	21.7	28.3	39.0	26.9	24.4	24.7	32.3	ppb
15:00 - 16:00	27.8	40.4	50.8	34.9	43.3	20.7	34.9	ppb
16:00 - 17:00	32.9	42.4	41.9	43.6	42.3	20.8	27.9	ppb
17:00 - 18:00	29.4	46.0	46.9	43.8	48.0	21.5	30.5	ppb
18:00 - 19:00	35.9	39.2	50.2	30.2	47.7	21.5	31.2	ppb
19:00 - 20:00	34.4	39.0	55.3	29.5	35.1	28.2	30.2	ppb
20:00 - 21:00	32.8	30.0	53.1	26.3	33.2	34.6	33.0	ppb
21:00 - 22:00	30.2	23.8	49.2	20.3	42.4	32.6	33.1	ppb
22:00 - 23:00	22.8	18.5	51.4	19.7	49.3	31.8	27.0	ppb
23:00 - 00:00	25.0	20.6	44.8	22.1	39.9	22.2	20.7	ppb
00:00 - 01:00	25.7	16.6	39.4	26.6	29.4	16.7	14.5	ppb
01:00 - 02:00	20.4	13.9	35.6	28.6	35.8	15.3	9.4	ppb
02:00 - 03:00	18.6	15.1	32.3	26.2	44.3	11.6	7.6	ppb
03:00 - 04:00	27.1	13.3	30.2	24.7	34.7	15.0	7.0	ppb
04:00 - 05:00	28.2	11.9	28.2	16.4	21.5	7.8	9.5	ppb
05:00 - 06:00	24.0	11.1	25.2	16.1	27.6	14.1	8.1	ppb
06:00 - 07:00	26.6	16.4	28.2	18.7	33.2	23.5	10.4	ppb
07:00 - 08:00	27.3	22.0	29.0	23.2	36.0	29.0	16.2	ppb
08:00 - 09:00	29.6	29.0	28.0	22.4	28.3	28.2	21.6	ppb
09:00 - 10:00	19.9	30.8	19.0	17.0	15.7	29.2	26.0	ppb
10:00 - 11:00	15.6	29.5	17.3	12.0	11.0	22.4	26.0	ppb
Maximum 1 hr.	35.9	46.0	55.3	43.8	49.3	34.6	34.9	ppb
Average 24 hr.	26.1	24.3	36.6	24.1	31.6	22.1	22.5	ppb
Standard (1 hr.) ¹¹	120	120	120	120	120	120	120	ppb

REMARK : ¹¹ Notification of The National Environmental Board on Ambient Air Quality Standards, B.E. 2569 (2026)¹² Start Time

* Parameter Outside The Scope of The Registration of The Department of Industrial Works
(Measurement By Mr. Seksan Pluemwong)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(MS. THANATPORN KLINSOPON)

23/03/2026

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

Request No. LA69-R0350

Report No. R6903-1071 - R6903-1077

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.

ADDRESS : 38/14 Moo 5 T. Tungskula A. Sriracha, Chonburi 20230

SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.

SAMPLE POINT : บริเวณพื้นที่โครงการ (A1)

PARAMETER* : Sulfur Dioxide

DETERMINATION METHOD : Ultraviolet Fluorescence

INSTRUMENT : API Model M100E S/N 603

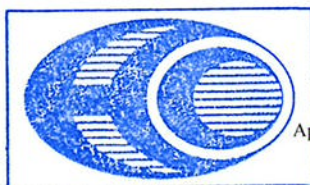
SAMPLE NO. : 05606-05612

SAMPLING DATE : 10-17/03/2026

RECEIVED DATE : 17/03/2026

REPORTED DATE : 23/03/2026

TIME / DATE	10-11/03/2026	11-12/03/2026	12-13/03/2026	13-14/03/2026	14-15/03/2026	15-16/03/2026	16-17/03/2026	UNIT
10:00 - 11:00 ^{/2}	10.4	12.0	12.1	11.9	12.2	12.3	11.2	ppb
11:00 - 12:00	12.0	12.6	12.2	12.0	12.2	12.2	11.4	ppb
12:00 - 13:00	11.6	11.2	12.0	12.0	11.7	10.8	12.1	ppb
13:00 - 14:00	16.1	9.7	11.8	11.1	9.9	9.6	12.0	ppb
14:00 - 15:00	10.5	7.6	11.8	10.3	9.8	10.5	12.2	ppb
15:00 - 16:00	13.1	6.0	11.5	12.5	8.8	11.0	11.0	ppb
16:00 - 17:00	16.5	6.5	10.1	12.5	9.7	11.9	10.7	ppb
17:00 - 18:00	11.8	8.1	10.0	12.0	11.2	12.6	11.9	ppb
18:00 - 19:00	10.3	9.1	10.8	12.1	12.2	12.8	12.6	ppb
19:00 - 20:00	9.6	9.8	11.7	12.1	13.1	12.9	12.7	ppb
20:00 - 21:00	9.7	9.7	12.2	12.2	12.7	12.5	12.5	ppb
21:00 - 22:00	11.5	10.0	12.4	12.3	11.9	12.0	12.1	ppb
22:00 - 23:00	12.0	10.5	12.1	12.1	12.0	12.2	12.2	ppb
23:00 - 00:00	12.1	11.0	12.0	12.2	12.2	12.3	12.3	ppb
00:00 - 01:00	12.7	12.4	11.5	12.1	12.1	12.2	12.3	ppb
01:00 - 02:00	12.8	12.1	11.5	12.1	12.5	12.8	12.8	ppb
02:00 - 03:00	14.7	12.1	11.4	12.0	12.4	12.5	12.5	ppb
03:00 - 04:00	12.9	12.1	11.5	12.0	12.2	12.3	12.4	ppb
04:00 - 05:00	12.3	12.0	11.6	12.0	12.2	12.3	12.4	ppb
05:00 - 06:00	12.8	12.0	11.3	12.1	12.2	12.2	12.4	ppb
06:00 - 07:00	12.0	12.0	11.1	12.2	12.1	12.2	12.4	ppb
07:00 - 08:00	9.7	12.0	11.6	12.1	12.2	12.0	12.4	ppb
08:00 - 09:00	10.4	12.0	11.8	12.1	12.2	12.2	12.3	ppb
09:00 - 10:00	11.5	12.1	11.9	12.1	12.2	12.1	12.2	ppb
Maximum 1 hr.	16.5 *	12.6	12.4	12.5	13.1	12.9	12.8	ppb
Average 24 hr.	12.0	10.6	11.6	12.0	11.7	12.0	12.1	ppb
Standard (1 hr.) ^{/1}	100	100	100	100	100	100	100	ppb
Standard (Average 24 hr.) ^{/1}	50	50	50	50	50	50	50	ppb

REMARK : ^{/1} Notification of The National Environmental Board on Ambient Air Quality Standards, B.E. 2569 (2026)^{/2} Start Time* Parameter Outside The Scope of The Registration of The Department of Industrial Works
(Measurement By Mr. Seksan Pluemwong)

Approved By.....

(MS. THANATPORN KLINSOPON)

23/03/2026

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY

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WITHOUT THE WRITTEN APPROVAL LABORATORY

Request No. LA69-R0350

Report No. R6903-I085 - R6903-I091

TEST REPORT

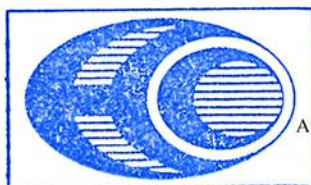
CUSTOMER : Siam Poongsan Metal Co., Ltd.
 ADDRESS : 38/14 Moo 5 T. Tungskula A. Sriracha, Chonburi 20230
 SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
 SAMPLE POINT : บริเวณที่ทำการย่อยเขตอุตสาหกรรมส่งออกของนิคมอุตสาหกรรมแหลมฉบัง (A2)
 PARAMETER* : Sulfur Dioxide
 DETERMINATION METHOD : Ultraviolet Fluorescence
 INSTRUMENT : API Model T100 S/N 5700

SAMPLE NO. : 05620-05626
 SAMPLING DATE : 10-17/03/2026
 RECEIVED DATE : 17/03/2026
 REPORTED DATE : 23/03/2026

TIME / DATE	10-11/03/2026	11-12/03/2026	12-13/03/2026	13-14/03/2026	14-15/03/2026	15-16/03/2026	16-17/03/2026	UNIT
10:00 - 11:00 ¹²	2.9	5.9	4.6	13.0	21.6	18.1	6.9	ppb
11:00 - 12:00	2.6	7.9	4.6	13.8	21.8	17.5	6.9	ppb
12:00 - 13:00	7.6	7.8	5.4	14.2	22.7	15.3	5.7	ppb
13:00 - 14:00	3.0	5.1	5.8	12.3	20.9	13.5	5.7	ppb
14:00 - 15:00	6.7	6.1	6.2	9.4	19.2	12.8	3.9	ppb
15:00 - 16:00	4.5	6.6	6.2	8.6	18.1	13.1	5.1	ppb
16:00 - 17:00	4.7	6.8	6.3	10.7	18.0	10.3	3.4	ppb
17:00 - 18:00	6.6	5.5	6.4	11.9	16.1	9.8	<1.0	ppb
18:00 - 19:00	5.5	5.5	5.7	13.3	14.1	9.0	1.8	ppb
19:00 - 20:00	5.1	5.9	4.2	12.6	13.7	7.5	8.2	ppb
20:00 - 21:00	5.1	8.6	5.6	13.6	16.0	7.9	8.9	ppb
21:00 - 22:00	5.6	10.2	6.6	14.6	17.5	8.5	8.1	ppb
22:00 - 23:00	6.0	10.3	8.3	15.5	18.5	9.4	6.2	ppb
23:00 - 00:00	6.2	11.7	10.2	15.8	18.3	8.9	4.7	ppb
00:00 - 01:00	5.8	12.6	12.1	16.7	18.9	9.8	4.3	ppb
01:00 - 02:00	6.1	12.8	12.0	18.0	19.6	10.0	3.7	ppb
02:00 - 03:00	6.6	14.6	13.0	18.6	19.3	9.9	2.8	ppb
03:00 - 04:00	6.8	15.5	13.5	18.7	19.1	9.9	2.0	ppb
04:00 - 05:00	<1.0	4.9	13.3	17.4	19.0	11.1	<1.0	ppb
05:00 - 06:00	1.6	6.1	13.2	18.5	19.5	11.1	<1.0	ppb
06:00 - 07:00	1.1	5.9	13.5	19.7	19.8	10.4	3.0	ppb
07:00 - 08:00	1.8	6.4	13.1	21.2	19.8	10.6	2.8	ppb
08:00 - 09:00	3.1	6.8	12.5	21.2	19.3	9.7	2.6	ppb
09:00 - 10:00	4.1	4.4	12.6	21.6	18.4	8.5	1.2	ppb
Maximum 1 hr.	7.6	15.5	13.5	21.6	22.7	18.1	8.9	ppb
Average 24 hr.	4.6	8.1	9.0	15.5	18.7	10.9	4.1	ppb
Standard (1 hr.) ¹¹	100	100	100	100	100	100	100	ppb
Standard (Average 24 hr.) ¹¹	50	50	50	50	50	50	50	ppb

REMARK : ¹¹ Notification of The National Environmental Board on Ambient Air Quality Standards, B.E. 2569 (2026)¹² Start Time

* Parameter Outside The Scope of The Registration of The Department of Industrial Works
 (Measurement By Mr. Seksan Pluemwong)



Approved By.....

(MS. THANATPORN KLINSOPON)

23/03/2026

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด
 REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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 WITHOUT THE WRITTEN APPROVAL LABORATORY

Request No. LA69-R0350

Report No. R6903-1099 - R6903-1105

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.
ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
SAMPLE POINT : บริเวณเขตธุรกิจการค้าของนิคมอุตสาหกรรมแหลมฉบัง (A3)
PARAMETER* : Sulfur Dioxide
DETERMINATION METHOD : Ultraviolet Fluorescence
INSTRUMENT : API Model T100 S/N 6457

SAMPLE NO. : 05634-05640
SAMPLING DATE : 10-17/03/2026
RECEIVED DATE : 17/03/2026
REPORTED DATE : 23/03/2026

TIME / DATE	10-11/03/2026	11-12/03/2026	12-13/03/2026	13-14/03/2026	14-15/03/2026	15-16/03/2026	16-17/03/2026	UNIT
11:00 - 12:00 ¹²	2.6	2.0	2.1	2.0	1.9	1.8	2.0	ppb
12:00 - 13:00	2.5	1.8	2.0	1.9	1.8	1.9	1.9	ppb
13:00 - 14:00	2.3	1.8	1.9	2.0	1.8	1.9	1.9	ppb
14:00 - 15:00	2.5	2.3	2.0	2.0	1.8	1.9	2.0	ppb
15:00 - 16:00	2.4	1.8	2.0	2.3	1.8	1.8	1.9	ppb
16:00 - 17:00	2.8	2.1	1.9	2.3	1.8	1.9	1.9	ppb
17:00 - 18:00	2.6	1.9	1.9	2.2	1.9	1.9	2.0	ppb
18:00 - 19:00	2.7	2.0	2.1	2.1	2.0	1.9	2.1	ppb
19:00 - 20:00	2.1	2.0	2.1	2.2	2.0	2.0	2.1	ppb
20:00 - 21:00	2.7	2.0	2.1	2.2	2.0	2.0	2.1	ppb
21:00 - 22:00	2.3	2.0	2.1	2.1	2.0	2.0	2.1	ppb
22:00 - 23:00	2.0	2.0	2.2	2.1	2.0	2.0	2.1	ppb
23:00 - 00:00	1.9	2.0	2.2	2.1	2.0	2.0	2.1	ppb
00:00 - 01:00	1.9	2.0	2.2	2.1	1.9	2.1	2.0	ppb
01:00 - 02:00	1.9	2.0	2.2	2.1	2.0	2.1	2.0	ppb
02:00 - 03:00	2.0	2.0	2.3	2.1	2.1	2.0	2.0	ppb
03:00 - 04:00	2.3	2.0	2.3	2.1	2.1	2.1	2.0	ppb
04:00 - 05:00	2.5	2.0	2.2	2.1	2.0	2.0	2.1	ppb
05:00 - 06:00	2.7	2.1	2.3	2.0	2.1	2.1	2.0	ppb
06:00 - 07:00	2.0	2.0	2.3	2.1	2.1	2.1	2.1	ppb
07:00 - 08:00	2.3	2.1	2.3	2.2	2.2	2.1	2.1	ppb
08:00 - 09:00	2.7	2.1	2.2	2.1	2.1	2.1	2.2	ppb
09:00 - 10:00	1.8	2.0	2.0	2.0	2.0	2.1	2.1	ppb
10:00 - 11:00	2.1	2.1	2.0	1.9	1.9	2.0	2.1	ppb
Maximum 1 hr.	2.8	2.3	2.3	2.3	2.2	2.1	2.2	ppb
Average 24 hr.	2.3	2.0	2.1	2.1	2.0	2.0	2.0	ppb
Standard (1 hr.) ¹¹	100	100	100	100	100	100	100	ppb
Standard (Average 24 hr.) ¹¹	50	50	50	50	50	50	50	ppb

REMARK : ¹¹ Notification of The National Environmental Board on Ambient Air Quality Standards, B.E. 2569 (2026)¹² Start Time

* Parameter Outside The Scope of The Registration of The Department of Industrial Works
(Measurement By Mr. Seksan Pluemwong)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(MS. THANATPORN KLINSOPON)

23/03/2026

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Wind Speed & Wind Direction

Request No. LA69-R0350

Siam Poongsan Metal Co., Ltd.

Sample No. 05683

Sampling Source : บริเวณพื้นที่โครงการ (A1)

Sampling Date : March 10-17, 2026

Time	March 10-11, 2026		March 11-12, 2026		March 12-13, 2026		March 13-14, 2026		March 14-15, 2026		March 15-16, 2026		March 16-17, 2026	
	Wind Speed (m/s)	Wind Direction	Wind Speed (m/s)	Wind Direction	Wind Speed (m/s)	Wind Direction	Wind Speed (m/s)	Wind Direction	Wind Speed (m/s)	Wind Direction	Wind Speed (m/s)	Wind Direction	Wind Speed (m/s)	Wind Direction
10:00-11:00	1.8	ENE	1.8	E	0.4	WSW	0.4	SE	0.9	SW	1.3	E	0.4	WSW
11:00-12:00	1.3	E	2.2	E	0.9	NE	0	-	0.4	SSE	1.3	ESE	1.3	WSW
12:00-13:00	1.3	E	1.3	E	0.4	ENE	0.4	E	0.0	-	0.9	ESE	1.3	SW
13:00-14:00	1.3	E	1.3	NW	0.4	NE	0.0	-	0.0	-	1.8	SW	0.4	SE
14:00-15:00	1.3	E	1.3	NNW	0.4	E	0	-	0.0	-	1.8	SW	0.9	WSW
15:00-16:00	0.9	WSW	1.3	NNW	0	-	0	-	0.0	-	1.3	WSW	0.9	WSW
16:00-17:00	1.3	WSW	1.3	NW	0.4	SW	0.0	-	0.4	NE	0.9	N	0.9	WSW
17:00-18:00	0.9	WSW	0.9	SW	0.4	SW	0.4	W	0.4	ESE	0.4	N	0.4	WSW
18:00-19:00	0.9	WSW	0.4	N	0.4	WSW	0.4	W	0.4	ESE	0.4	S	0.4	SSE
19:00-20:00	0.9	N	0.4	NNW	0.4	WSW	0.9	W	0.9	ENE	0.0	-	0.4	SE
20:00-21:00	0.4	N	0.4	NNE	0.9	ESE	1.3	SSW	0.9	SE	0.0	-	0.0	-
21:00-22:00	0.0	-	0.4	S	0.4	SE	1.8	SSE	1.3	NE	0.0	-	0.0	-
22:00-23:00	0.4	ESE	0.4	SE	1.3	E	1.8	SSE	0.9	NE	0.0	-	0.4	SE
23:00-00:00	0.0	-	0.0	-	1.3	SSE	1.3	SSE	0.9	ESE	0.4	SE	0.4	SE
00:00-01:00	0.0	-	0.0	-	1.3	ESE	1.3	ESE	0.9	ENE	0.4	SE	0.0	-
01:00-02:00	0.4	ESE	0.4	SE	1.3	ESE	1.3	ESE	1.3	ENE	0.4	ESE	0.0	-
02:00-03:00	0.4	E	0.4	SE	0.9	E	1.8	ENE	0.9	ESE	0.0	-	0.0	-
03:00-04:00	0.4	ESE	0.4	SE	0.9	ENE	1.3	ESE	0.9	SSE	0.4	E	0.0	-
04:00-05:00	0.0	-	0.0	-	0.4	N	0.4	SE	0.4	W	0.4	ESE	0.0	-
05:00-06:00	0.0	-	0.4	E	0.4	SE	0.4	ENE	0.4	W	0.4	ESE	0.4	SE
06:00-07:00	0.4	N	0.4	ESE	0.9	WNW	0.4	E	0.4	SW	0.4	E	0.4	ESE
07:00-08:00	0.4	E	0.4	E	0.4	N	0.4	NE	0.0	-	0.4	ESE	0.9	E
08:00-09:00	0.4	ENE	0.4	E	0.4	NE	0.0	-	0.9	NE	0.4	SE	0.4	SE
09:00-10:00	1.3	E	0.9	SW	0	-	0.9	WSW	1.3	NNW	0.4	ESE	0.4	E

Wind Speed & Wind Direction

Request No. LA69-R0350

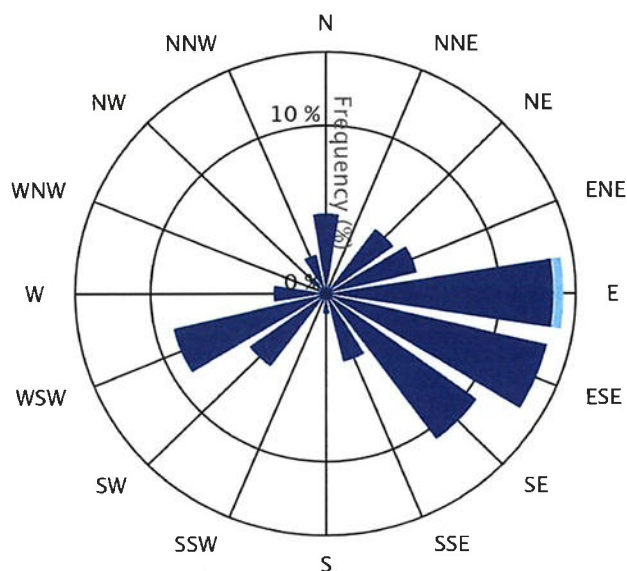
Siam Poongsan Metal Co., Ltd.

Sample No. 05683

Sampling Source : บริเวณพื้นที่โครงการ (A1)

Sampling Date : March 10-17, 2026

Calm 19.6 %


■ 0.4-1.9 ■ 2.0-3.9 ■ 4.0-5.9 ■ 6.0-7.9 ■ 8.0-9.9 ■ > 9.9 (m/s)

WD/WS	Percentage of Occurrence of Wind Direct Grouped in Various Wind Speed						Total
	0.4-1.9 m/s	2.0-3.9 m/s	4.0-5.9 m/s	6.0-7.9 m/s	8.0-9.9 m/s	> 9.9 m/s	
N	4.8	0.0	0.0	0.0	0.0	0.0	4.8
NNE	0.6	0.0	0.0	0.0	0.0	0.0	0.6
NE	4.8	0.0	0.0	0.0	0.0	0.0	4.8
ENE	5.4	0.0	0.0	0.0	0.0	0.0	5.4
E	13.1	0.6	0.0	0.0	0.0	0.0	13.7
ESE	13.1	0.0	0.0	0.0	0.0	0.0	13.1
SE	10.7	0.0	0.0	0.0	0.0	0.0	10.7
SSE	4.2	0.0	0.0	0.0	0.0	0.0	4.2
S	1.2	0.0	0.0	0.0	0.0	0.0	1.2
SSW	0.6	0.0	0.0	0.0	0.0	0.0	0.6
SW	5.4	0.0	0.0	0.0	0.0	0.0	5.4
WSW	8.9	0.0	0.0	0.0	0.0	0.0	8.9
W	3.0	0.0	0.0	0.0	0.0	0.0	3.0
WNW	0.6	0.0	0.0	0.0	0.0	0.0	0.6
NW	1.2	0.0	0.0	0.0	0.0	0.0	1.2
NNW	2.4	0.0	0.0	0.0	0.0	0.0	2.4
Total	79.8	0.6	0.0	0.0	0.0	0.0	

คุณภาพอากาศจากปล่องระบาย

Request No. LA69-0326

Report No. 6903-0231

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.

ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230

SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.

SAMPLE POINT : ปล่อง No.1 เตาหลอมโลหะ

SAMPLE NO. : 00671

SAMPLING DATE : 12/03/2026

SAMPLING TIME : 09:30-10:05

RECEIVED DATE : 17/03/2026

REPORTED DATE : 24/03/2026

TESTED DATE : 17-18/03/2026

STACK DESCRIPTION @

Height : 13.00 m

Diameter : 0.93 m

Temperature : 60.00 °C

Air Velocity : 17.98 m/s

Flow rate³ : 10.55 m³/s

Moisture Content : 3.45 %

Type of Process : Melting Process (Open System)

Type of Fuel : Electricity

Oxygen Content : 20.80 %

Barometric Pressure : 760.00 mmHg

Atmospheric Temperature : 30.00 °C

PARAMETER	TEST METHOD	TIME	RESULT ³	STD ¹	UNIT
Total Suspended Particulate	Isokinetic, Gravimetric	09:30-10:05	0.8	320, 35 ²	mg/m ³
(TSP)	(U.S. EPA Method 5)		0.0084 [@]	0.35 ²	g/s

REMARK:

- 1.¹ Notification of The Ministry of Industry B.E. 2549 (2006)
- 2.² ค่ามาตรฐานคุณภาพอากาศจากปล่อง ตามที่กำหนดไว้ในรายงานการวิเคราะห์ผลกระทบสิ่งแวดล้อม (EIA)
- 3.³ Standard Condition (Temperature 25°C, Pressure 760 mmHg) and Dry Basis
4. Sampling By Mr. Warakorn Vitayasewee (ว-003-ค-0021)
- 5.[@] These Data Outside The Scope of The Registration of The Department of Industrial Works.

Examined By.....

(MISS APIRADEE CHUEN-AROM)

(ว-003-ค-0007)

24/03/2026



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(MR. THONGCHAI BOONSAK)

(ว-003-ค-0012)

24/03/2026

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY

THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL

WITHOUT THE WRITTEN APPROVAL LABORATORY

Request No. LA69-0326

Report No. 6903-0232

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.

ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230

SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.

SAMPLE POINT : ปล่อง No.1 เตาหลอมโลหะ

SAMPLE NO. : 00672

SAMPLING DATE : 12/03/2026

SAMPLING TIME : 09:30-10:05

RECEIVED DATE : 17/03/2026

REPORTED DATE : 28/03/2026

TESTED DATE : 17-27/03/2026

STACK DESCRIPTION

Height : 13.00 m

Diameter : 0.93 m

Temperature : 60.00 °C

Air Velocity : 17.98 m/s

Flow rate² : 10.55 m³/s

Moisture Content : 3.45 %

Type of Process : Melting Process (Open System)

Type of Fuel : Electricity

Oxygen Content : 20.80 %

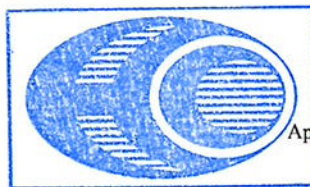
Barometric Pressure : 760.00 mmHg

Atmospheric Temperature : 30.00 °C

PARAMETER	TEST METHOD	TIME	RESULT ²	STD ¹	UNIT
Zinc Oxide	Isokinetic, Digestion, ICP	09:30-10:05	0.057	21	mg/m ³
	(U.S. EPA Method 29)		0.0006 [@]	0.21	g/s

REMARK:

- ¹ ค่ามาตรฐานคุณภาพอากาศจากปล่อง ตามที่กำหนดไว้ในรายงานการวิเคราะห์ผลกระทบสิ่งแวดล้อม (EIA)
- ² Standard Condition (Temperature 25°C, Pressure 760 mmHg) and Dry Basis
- Sampling By Mr. Warakorn Vitayaseewee
- [@] Parameter Outside The Scope of The Registration of The Department of Industrial Works.



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....



(MR. THONGCHAI BOONSAK)

28/03/2026

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY

THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL

WITHOUT THE WRITTEN APPROVAL LABORATORY

Request No. LA69-0326

Report No. 6903-0228

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.
ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
SAMPLE POINT : ปล่อง No.2 เตารีดคานขนาด HF12
SAMPLING DATE : 11/03/2026
RECEIVED DATE : 17/03/2026
TESTED DATE : 17-18/03/2026

SAMPLE NO. : 00666-00668
SAMPLING TIME : 09:00-09:40
REPORTED DATE : 24/03/2026

STACK DESCRIPTION @

Height :	30.00	m	Type of Process :	Combustion
Diameter :	2.00	m	Type of Fuel :	Natural Gas
Temperature :	240.00	°C	Operation Capacity :	2 piece /hr.
Air Velocity :	9.16	m/s	Oxygen Content :	12.30 %
Flow rate ³ :	15.71	m ³ /s	Barometric Pressure :	760.00 mmHg
Moisture Content :	5.94	%	Atmospheric Temperature :	31.00 °C

PARAMETER	TEST METHOD	TIME	RESULT ³		STD ¹	UNIT
			12.30 % O ₂	7 % O ₂		
Total Suspended Particulate (TSP)	Isokinetic, Gravimetric (U.S. EPA Method 5)	09:00-09:40	4.6	7.4	320 , 25 ²	mg/m ³
			0.0723 [@]		0.68 ²	g/s
Sulfur Dioxide (SO ₂)	Absorption, Barium-Thorin	09:00-09:30	<1.3	<2.1	157	mg/m ³
	Titrimetric (U.S. EPA Method 6)		<0.5	<0.8	60 , 5 ²	ppm
			<0.0204 [@]		0.35 ²	g/s
Oxides of Nitrogen (NO _x as NO ₂)	Absorption, Phenoldisulfonic Acid (U.S. EPA Method 7)	09:20-09:25	4.5	7.3	376	mg/m ³
			2.4	3.9	200 , 30 ²	ppm
			0.0707 [@]		1.53 ²	g/s

REMARK:

- ¹ Notification of The Ministry of Industry B.E. 2549 (2006)
- ² ค่ามาตรฐานคุณภาพอากาศจากปล่อง ตามที่กำหนดไว้ในรายงานการวิเคราะห์ผลกระทบสิ่งแวดล้อม (EIA)
- ³ Standard Condition (Temperature 25°C, Pressure 760 mmHg) and Dry Basis
- Sampling By Mr. Warakorn Vitayasewee (ว-003-ค-0021)
- [@] These Data Outside The Scope of The Registration of The Department of Industrial Works.

Examined By.....

(MISS APIRADEE CHUEN-AROM)

(ว-003-ค-0007)

24/03/2026



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(MR. THONGCHAI BOONSACK)

(ว-003-ค-0012)

24/03/2026

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY

THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL

WITHOUT THE WRITTEN APPROVAL LABORATORY

Request No. LA69-0350

Report No. 6904-0085

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.
ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
SAMPLE POINT : ปล่อง No.3 ล้างโลหะ PK 01,02
SAMPLING DATE : 27/03/2026
RECEIVED DATE : 30/03/2026
TESTED DATE : 30/03/2026-03/04/2026
STACK DESCRIPTION @

Height :	12.00	m	Type of Process :	Exhaust
Diameter :	0.80	m	Type of Fuel :	-
Temperature :	30.00	°C	Oxygen Content :	20.90 %
Air Velocity :	5.02	m/s	Barometric Pressure :	758.50 mmHg
Flow rate ³ :	2.41	m ³ /s	Atmospheric Temperature :	32.00 °C
Moisture Content :	2.81	%		

PARAMETER	TEST METHOD	TIME	RESULT ³	STD	UNIT
Sulfuric Acid	Isokinetic, Titrimetric	13:30-14:10	<0.05	100 ¹	mg/m ³
(H ₂ SO ₄)	(U.S. EPA Method 8)		<0.01	25 ¹ , 3 ²	ppm
			<0.0001	0.04 ²	g/s

REMARK:

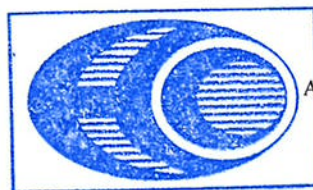
- 1.¹ Notification of The Ministry of Industry B.E. 2549 (2006)
- 2.² ค่ามาตรฐานคุณภาพอากาศจากปล่อง ตามที่กำหนดไว้ในรายงานการวิเคราะห์ผลกระทบสิ่งแวดล้อม (EIA)
- 3.³ Standard Condition (Temperature 25°C, Pressure 760 mmHg) and Dry Basis
- 4.⁴ These Data Outside The Scope of The Registration of The Department of Industrial Works.
5. Sampling By Mr. Warakorn Vitayasewee (ว-003-ค-0021)

Examined By.....

(MISS APIRADEE CHUEN-AROM)

(ว-003-ค-0007)

04/04/2026



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(MR. THONGCHAI BOONSAK)

(ว-003-ค-0012)

04/04/2026

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

Request No. LA69-0342

Report No. 6904-0018

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.
ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
SAMPLE POINT : ปล่อง No.4 สังกะสี PK 03
SAMPLING DATE : 21/03/2026
RECEIVED DATE : 24/03/2026
TESTED DATE : 24-26/03/2026
STACK DESCRIPTION @

Height :	10.00	m	Type of Process :	Exhaust
Diameter :	0.70	m	Type of Fuel :	-
Temperature :	31.00	°C	Oxygen Content :	20.90 %
Air Velocity :	17.30	m/s	Barometric Pressure :	756.25 mmHg
Flow rate ³ :	6.38	m ³ /s	Atmospheric Temperature :	32.00 °C
Moisture Content :	2.42	%		

PARAMETER	TEST METHOD	TIME	RESULT ³	STD	UNIT
Sulfuric Acid	Isokinetic, Titrimetric	09:00-09:35	4.18	100 ¹	mg/m ³
(H ₂ SO ₄)	(U.S. EPA Method 8)		1.04	25 ¹ , 3 ²	ppm
			0.0267	0.09 ²	g/s

REMARK:

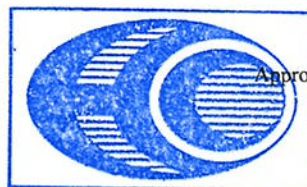
- 1.¹ Notification of The Ministry of Industry B.E. 2549 (2006)
- 2.² ค่ามาตรฐานคุณภาพอากาศจากปล่อง ตามที่กำหนดไว้ในรายงานการวิเคราะห์ผลกระทบสิ่งแวดล้อม (EIA)
- 3.³ Standard Condition (Temperature 25°C, Pressure 760 mmHg) and Dry Basis
- 4.[@] These Data Outside The Scope of The Registration of The Department of Industrial Works.
5. Sampling By Mr. Metee Sukprasert (ว-003-ค-0035)

Examined By.....

(MISS APIRADEE CHUEN-AROM)

(ว-003-ค-0007)

03/04/2026



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(MR. THONGCHAI BOONSAK)

(ว-003-ค-0012)

03/04/2026

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY

THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL

WITHOUT THE WRITTEN APPROVAL LABORATORY

Request No. LA69-0342

Report No. 6904-0017

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.
ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
SAMPLE POINT : ปล่อง No.4 ล้างโลหะ PK 03
SAMPLING DATE : 21/03/2026
RECEIVED DATE : 24/03/2026
TESTED DATE : 24/03/2026-01/04/2026

SAMPLE NO. : 00748
SAMPLING TIME : 09:00-09:30
REPORTED DATE : 03/04/2026

STACK DESCRIPTION

Height :	10.00	m	Type of Process :	Exhaust
Diameter :	0.70	m	Type of Fuel :	-
Temperature :	31.00	°C	Oxygen Content :	20.90 %
Air Velocity :	17.30	m/s	Barometric Pressure :	756.25 mmHg
Flow rate ² :	6.38	m ³ /s	Atmospheric Temperature :	32.00 °C
Moisture Content :	2.42	%		

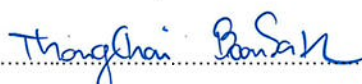
PARAMETER	TEST METHOD	TIME	RESULT ²	STD ¹	UNIT
Nitric acid (HNO ₃)	Absorption, Ion Chromatography (U.S.EPA Method 26A)	09:00-09:30	1.901	-	mg/m ³
			0.738	3	ppm
			0.0121	0.06	g/s

REMARK:

- ¹/ ค่ามาตรฐานคุณภาพอากาศจากปล่อง ตามที่กำหนดไว้ในรายงานการวิเคราะห์ผลกระทบสิ่งแวดล้อม (EIA)
- ²/ Standard Condition (Temperature 25°C, Pressure 760 mmHg) and Dry Basis
- Sampling By Mr. Metee Sukprasert
- Parameter Outside The Scope of The Registration of The Department of Industrial Works.



Approved By.....


(MR. THONGCHAI BOONSAK)

03/04/2026

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด
REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

Request No. LA69-0532

Report No. 6905-0216

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.

ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230

SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.

SAMPLE POINT : ปล่อง No.5 ล้างเหรียญ PK 07

SAMPLE NO. : 01751

SAMPLING DATE : 12/05/2026

SAMPLING TIME : 10:15-10:55

RECEIVED DATE : 18/05/2026

REPORTED DATE : 21/05/2026

TESTED DATE : 18-19/05/2026

STACK DESCRIPTION @

Height : 10.00 m

Diameter : 0.67 m

Temperature : 32.00 °C

Air Velocity : 5.08 m/s

Flow rate³ : 1.70 m³/s

Moisture Content : 2.55 %

Type of Process : Exhaust

Type of Fuel : -

Oxygen Content : 20.90 %

Barometric Pressure : 756.25 mmHg

Atmospheric Temperature : 30.00 °C

PARAMETER	TEST METHOD	TIME	RESULT ³	STD	UNIT
Sulfuric Acid	Isokinetic, Titrimetric	10:15-10:55	<0.05	100 ¹	mg/m ³
(H ₂ SO ₄)	(U.S. EPA Method 8)		<0.01	25 ¹ , 3 ²	ppm
			<0.0001	0.04 ²	g/s

REMARK:

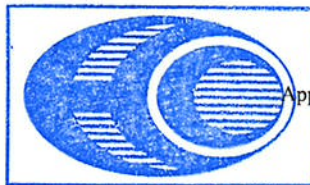
- ¹ Notification of The Ministry of Industry B.E. 2549 (2006)
- ² ค่ามาตรฐานคุณภาพอากาศจากปล่อง ตามที่กำหนดไว้ในรายงานการวิเคราะห์ผลกระทบสิ่งแวดล้อม (EIA)
- ³ Standard Condition (Temperature 25°C, Pressure 760 mmHg) and Dry Basis
- ⁴ These Data Outside The Scope of The Registration of The Department of Industrial Works.
- Sampling By Mr. Metee Sukprasert (ว-003-ค-0035)

Examined By.....

(MISS APIRADEE CHUEN-AROM)

(ว-003-ค-0007)

21/05/2026



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(MR. THONGCHAI BOONSACK)

(ว-003-ค-0012)

21/05/2026

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY

THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL

WITHOUT THE WRITTEN APPROVAL LABORATORY

Request No. LA69-0335

Report No. 6903-0259

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.
 ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230
 SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
 SAMPLE POINT : ปล่อง No.6 ล้างโลหะ AP 02
 SAMPLING DATE : 16/03/2026
 RECEIVED DATE : 19/03/2026
 TESTED DATE : 19-24/03/2026
 STACK DESCRIPTION @

Height :	10.00	m	Type of Process :	Exhaust
Diameter :	0.46	m	Type of Fuel :	-
Temperature :	29.00	°C	Oxygen Content :	20.90 %
Air Velocity :	7.04	m/s	Barometric Pressure :	757.00 mmHg
Flow rate ³ :	1.11	m ³ /s	Atmospheric Temperature :	30.00 °C
Moisture Content :	3.32	%		

PARAMETER	TEST METHOD	TIME	RESULT ³	STD	UNIT
Sulfuric Acid	Isokinetic, Titrimetric	09:10-09:47	<0.05	100 ¹	mg/m ³
(H ₂ SO ₄)	(U.S. EPA Method 8)		<0.01	25 ¹ , 3 ²	ppm
			<0.0001	0.02 ²	g/s

REMARK:

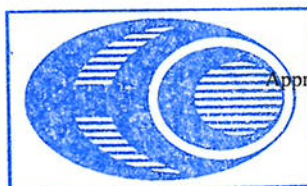
- ¹ Notification of The Ministry of Industry B.E. 2549 (2006)
- ² ค่ามาตรฐานคุณภาพอากาศจากปล่อง ตามที่กำหนดไว้ในรายงานการวิเคราะห์ผลกระทบสิ่งแวดล้อม (EIA)
- ³ Standard Condition (Temperature 25°C, Pressure 760 mmHg) and Dry Basis
- ⁴ These Data Outside The Scope of The Registration of The Department of Industrial Works.
- Sampling By Mr. Warakorn Vitayasewee (ว-003-ค-0021)

Examined By.....

(MISS APIRADEE CHUEN-AROM)

(ว-003-ค-0007)

25/03/2026



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(MR. THONGCHAI BOONSAK)

(ว-003-ค-0012)

25/03/2026

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

Request No. LA69-0637

Report No. 6906-0252

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.

ADDRESS : 38/14 Moo 5 T. Tungskula A. Sriracha, Chonburi 20230

SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.

SAMPLE POINT : ปล่อง No.7 หลอมโครม

SAMPLE NO. : 02637

SAMPLING DATE : 15/06/2026

SAMPLING TIME : 08:50-09:25

RECEIVED DATE : 19/06/2026

REPORTED DATE : 25/06/2026

TESTED DATE : 19-24/06/2026

STACK DESCRIPTION @

Height : 5.00 m

Diameter : 0.30 m

Temperature : 44.00 °C

Air Velocity : 16.50 m/s

Flow rate³ : 1.06 m³/s

Moisture Content : 2.93 %

Type of Process : Melting Process (Open System)

Type of Fuel : Electricity

Oxygen Content : 20.90 %

Barometric Pressure : 754.00 mmHg

Atmospheric Temperature : 33.00 °C

PARAMETER	TEST METHOD	TIME	RESULT ³	STD	UNIT
Total Suspended Particulate	Isokinetic, Gravimetric	08:50-09:25	0.1	320 ¹ , 10 ²	mg/m ³
(TSP)	(U.S. EPA Method 5)		0.0001	0.02 ²	g/s

REMARK:

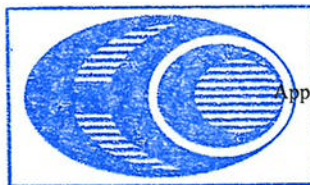
- 1.¹ Notification of The Ministry of Industry B.E. 2549 (2006)
- 2.² ค่ามาตรฐานคุณภาพอากาศจากปล่อง ตามที่กำหนดไว้ในรายงานการวิเคราะห์ผลกระทบสิ่งแวดล้อม (EIA)
- 3.³ Standard Condition (Temperature 25°C, Pressure 760 mmHg) and Dry Basis
4. Sampling By Mr. Metee Sukprasert (ว-003-ค-0035)
- 5.[@] These Data Outside The Scope of The Registration of The Department of Industrial Works.

Examined By.....

(MISS APIRADEE CHUEN-AROM)

(ว-003-ค-0007)

25/06/2026



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(MR. THONGCHAI BOONSAK)

(ว-003-ค-0012)

25/06/2026

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Request No. LA69-0326

Report No. 6903-0233

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.

ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230

SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.

SAMPLE POINT : ปล่อง No.8 ชุดฟิวโหละ SC03

SAMPLE NO. : 00673

SAMPLING DATE : 12/03/2026

SAMPLING TIME : 10:30-11:10

RECEIVED DATE : 17/03/2026

REPORTED DATE : 24/03/2026

TESTED DATE : 17-18/03/2026

STACK DESCRIPTION @

Height :	7.07	m	Type of Process :	Exhaust
Diameter :	0.55	m	Type of Fuel :	-
Temperature :	35.00	°C	Oxygen Content :	20.90 %
Air Velocity :	11.68	m/s	Barometric Pressure :	760.00 mmHg
Flow rate ³ :	2.60	m ³ /s	Atmospheric Temperature :	30.00 °C
Moisture Content :	3.21	%		

PARAMETER	TEST METHOD	TIME	RESULT ³	STD ¹	UNIT
Total Suspended Particulate	Isokinetic, Gravimetric	10:30-11:10	1.3	400, 10 ²	mg/m ³
(TSP)	(U.S. EPA Method 5)		0.0034 [@]	0.04 ²	g/s

REMARK:

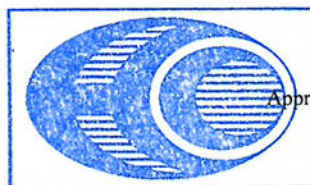
- 1.¹ Notification of The Ministry of Industry B.E. 2549 (2006)
- 2.² ค่ามาตรฐานคุณภาพอากาศจากปล่อง ตามที่กำหนดไว้ในรายงานการวิเคราะห์ผลกระทบสิ่งแวดล้อม (EIA)
- 3.³ Standard Condition (Temperature 25°C, Pressure 760 mmHg) and Dry Basis
4. Sampling By Mr. Warakorn Vitayasewee (ว-003-ค-0021)
- 5.[@] These Data Outside The Scope of The Registration of The Department of Industrial Works.

Examined By.....

(MISS APIRADEE CHUEN-AROM)

(ว-003-ค-0007)

24/03/2026



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(MR. THONGCHAI BOONSACK)

(ว-003-ค-0012)

24/03/2026

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Request No. LA69-0322

Report No. 6903-0138

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.
ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
SAMPLE POINT : ปล่อง No.9 เตาอบโลหะ HF10
SAMPLING DATE : 11/03/2026
RECEIVED DATE : 13/03/2026
TESTED DATE : 13-17/03/2026
STACK DESCRIPTION®

Height :	12.00	m	Type of Process :	Combustion
Diameter :	0.50 x 0.40	m	Type of Fuel :	Natural Gas
Temperature :	100.00	°C	Operation Capacity :	2 piece /hr.
Air Velocity :	4.17	m/s	Oxygen Content :	14.00 %
Flow rate ³ :	0.63	m ³ /s	Barometric Pressure :	760.00 mmHg
Moisture Content :	5.87	%	Atmospheric Temperature :	35.00 °C

PARAMETER	TEST METHOD	TIME	RESULT ³		STD ¹	UNIT
			14.00 % O ₂	7 % O ₂		
Total Suspended Particulate (TSP)	Isokinetic, Gravimetric (U.S. EPA Method 5)	09:10-09:52	3.9	7.9	320 , 30 ²	mg/m ³
			0.0025 [®]		0.04 ²	g/s
Sulfur Dioxide (SO ₂)	Absorption, Barium-Thorin	09:10-09:40	<1.3	<2.6	157	mg/m ³
	Titrimetric (U.S. EPA Method 6)		<0.5	<1.0	60 , 5 ²	ppm
			<0.0008 [®]		0.02 ²	g/s
Oxides of Nitrogen (NO _x as NO ₂)	Absorption, Phenoldisulfonic Acid	09:30-09:35	12.8	25.8	376	mg/m ³
	(U.S. EPA Method 7)		6.8	13.7	200 , 20 ²	ppm
			0.0081 [®]		0.05 ²	g/s

REMARK:

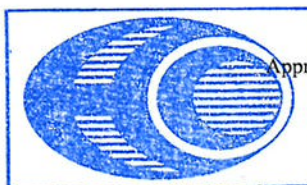
- 1.¹ Notification of The Ministry of Industry B.E. 2549 (2006)
- 2.² ค่ามาตรฐานคุณภาพอากาศจากปล่อง ตามที่กำหนดไว้ในรายงานการวิเคราะห์ผลกระทบสิ่งแวดล้อม (EIA)
- 3.³ Standard Condition (Temperature 25°C, Pressure 760 mmHg) and Dry Basis
4. Sampling By Mr. Teerapong Naulin (ว-003-ค-0014)
- 5.[®] These Data Outside The Scope of The Registration of The Department of Industrial Works.

Examined By.....

(MISS APIRADEE CHUEN-AROM)

(ว-003-ค-0007)

18/03/2026



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Approved By.....

(MR. THONGCHAI BOONSAK)

(ว-003-ค-0012)

18/03/2026

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Request No. LA69-0322

Report No. 6903-0141

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.
ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
SAMPLE POINT : ปล่อง No.10 เตาอบโลหะ HF13
SAMPLING DATE : 12/03/2026
RECEIVED DATE : 13/03/2026
TESTED DATE : 13-17/03/2026
STACK DESCRIPTION @

Height :	12.00 m	Type of Process :	Combustion
Diameter :	0.50 x 0.40 m	Type of Fuel :	Natural Gas
Temperature :	155.00 °C	Operation Capacity :	2 piece /hr.
Air Velocity :	4.31 m/s	Oxygen Content :	13.00 %
Flow rate ³ :	0.56 m ³ /s	Barometric Pressure :	760.00 mmHg
Moisture Content :	6.23 %	Atmospheric Temperature :	34.00 °C

PARAMETER	TEST METHOD	TIME	RESULT ³		STD ¹	UNIT
			13.00 % O ₂	7 % O ₂		
Total Suspended Particulate (TSP)	Isokinetic, Gravimetric (U.S. EPA Method 5)	10:40-11:25	5.9 0.0033 [@]	10.4	320, 10 ² 0.01	mg/m ³ g/s
Sulfur Dioxide (SO ₂)	Absorption, Barium-Thorin Titrimetric (U.S. EPA Method 6)	10:50-11:20	<1.3 <0.5 <0.0007 [@]	<2.3 <0.9	157 60, 5 ² 0.01	mg/m ³ ppm g/s
Oxides of Nitrogen (NO _x as NO ₂)	Absorption, Phenoldisulfonic Acid (U.S. EPA Method 7)	11:10-11:15	<2.0 <1.0 <0.0011 [@]	<3.5 <1.8	376 200, 20 ² 0.04	mg/m ³ ppm g/s

REMARK:

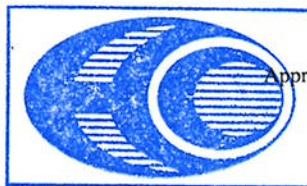
- 1.¹ Notification of The Ministry of Industry B.E. 2549 (2006)
- 2.² ค่ามาตรฐานคุณภาพอากาศจากปล่อง ตามที่กำหนดไว้ในรายงานการวิเคราะห์ผลกระทบสิ่งแวดล้อม (EIA)
- 3.³ Standard Condition (Temperature 25°C, Pressure 760 mmHg) and Dry Basis
4. Sampling By Mr. Teerapong Naulin (ว-003-ค-0014)
- 5.[@] These Data Outside The Scope of The Registration of The Department of Industrial Works.

Examined By.....

(MISS APIRADEE CHUEN-AROM)

(ว-003-ค-0007)

18/03/2026



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Approved By.....

(MR. THONGCHAI BOONSAK)

(ว-003-ค-0012)

18/03/2026

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Request No. LA69-0326

Report No. 6903-0229

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.

ADDRESS : 38/14 Moo 5 T. Tungskula A. Sriracha, Chonburi 20230

SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.

SAMPLE POINT : ปล่อง No.11 รีดโลหะ RM03

SAMPLE NO. : 00669

SAMPLING DATE : 11/03/2026

SAMPLING TIME : 10:00-10:40

RECEIVED DATE : 17/03/2026

REPORTED DATE : 24/03/2026

TESTED DATE : 17-18/03/2026

STACK DESCRIPTION @

Height :	5.00	m	Type of Process :	Exhaust
Diameter :	0.63	m	Type of Fuel :	-
Temperature :	38.00	°C	Oxygen Content :	20.90 %
Air Velocity :	14.65	m/s	Barometric Pressure :	760.00 mmHg
Flow rate ³ :	4.23	m ³ /s	Atmospheric Temperature :	32.00 °C
Moisture Content :	3.34	%		

PARAMETER	TEST METHOD	TIME	RESULT ³	STD ¹	UNIT
Total Suspended Particulate	Isokinetic, Gravimetric	10:00-10:40	0.4	400 , 10 ²	mg/m ³
(TSP)	(U.S. EPA Method 5)		0.0017 [@]	0.04 ²	g/s

REMARK:

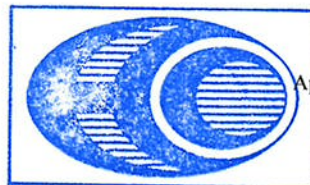
- ^{1/1} Notification of The Ministry of Industry B.E. 2549 (2006)
- ^{2/2} ค่ามาตรฐานคุณภาพอากาศจากปล่อง ตามที่กำหนดไว้ในรายงานการวิเคราะห์ผลกระทบสิ่งแวดล้อม (EIA)
- ^{3/3} Standard Condition (Temperature 25°C, Pressure 760 mmHg) and Dry Basis
- Sampling By Mr. Warakorn Vitayaseewee (ว-003-ค-0021)
- [@] These Data Outside The Scope of The Registration of The Department of Industrial Works.

Examined By.....

(MISS APIRADEE CHUEN-AROM)

(ว-003-ค-0007)

24/03/2026



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(MR. THONGCHAI BOONSAK)

(ว-003-ค-0012)

24/03/2026

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Request No. LA69-0326

Report No. 6903-0230

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.

ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230

SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.

SAMPLE POINT : ปล่อง No.12 ริดโลหะ RM09

SAMPLE NO. : 00670

SAMPLING DATE : 11/03/2026

SAMPLING TIME : 11:00-11:40

RECEIVED DATE : 17/03/2026

REPORTED DATE : 24/03/2026

TESTED DATE : 17-18/03/2026

STACK DESCRIPTION @

Height :	15.00	m	Type of Process :	Exhaust
Diameter :	1.13	m	Type of Fuel :	-
Temperature :	38.00	°C	Oxygen Content :	20.90 %
Air Velocity :	15.07	m/s	Barometric Pressure :	760.00 mmHg
Flow rate ³ :	13.88	m ³ /s	Atmospheric Temperature :	32.00 °C
Moisture Content :	3.31	%		

PARAMETER	TEST METHOD	TIME	RESULT ³	STD ¹	UNIT
Total Suspended Particulate	Isokinetic, Gravimetric	11:00-11:40	0.7	400, 10 ²	mg/m ³
(TSP)	(U.S. EPA Method 5)		0.0097 [@]	0.19 ²	g/s

REMARK:

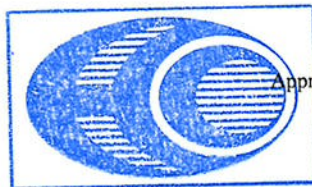
- ¹ Notification of The Ministry of Industry B.E. 2549 (2006)
- ² ค่ามาตรฐานคุณภาพอากาศจากปล่อง ตามที่กำหนดไว้ในรายงานการวิเคราะห์ผลกระทบสิ่งแวดล้อม (EIA)
- ³ Standard Condition (Temperature 25°C, Pressure 760 mmHg) and Dry Basis
- Sampling By Mr. Warakorn Vitayasewee (ว-003-ค-0021)
- [@] These Data Outside The Scope of The Registration of The Department of Industrial Works.

Examined By

(MISS APIRADEE CHUEN-AROM)

(ว-003-ค-0007)

24/03/2026



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(ว-003-ค-0012)

24/03/2026

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Request No. LA69-0322

Report No. 6903-0139

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.

ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230

SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.

SAMPLE POINT : ปล่อง No.13 รีดโลหะ RM04

SAMPLE NO. : 00618

SAMPLING DATE : 11/03/2026

SAMPLING TIME : 10:10-10:40

RECEIVED DATE : 13/03/2026

REPORTED DATE : 18/03/2026

TESTED DATE : 13-17/03/2026

STACK DESCRIPTION @

Height :	9.00	m	Type of Process :	Exhaust
Diameter :	0.70	m	Type of Fuel :	-
Temperature :	36.00	°C	Oxygen Content :	20.90 %
Air Velocity :	19.80	m/s	Barometric Pressure :	760.00 mmHg
Flow rate ³ :	7.11	m ³ /s	Atmospheric Temperature :	38.00 °C
Moisture Content :	3.30	%		

PARAMETER	TEST METHOD	TIME	RESULT ³	STD ¹	UNIT
Total Suspended Particulate	Isokinetic, Gravimetric	10:10-10:40	0.3	400 , 10 ²	mg/m ³
(TSP)	(U.S. EPA Method 5)		0.0021 [@]	0.04 ²	g/s

REMARK:

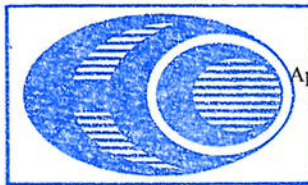
- ¹ Notification of The Ministry of Industry B.E. 2549 (2006)
- ² ค่ามาตรฐานคุณภาพอากาศจากปล่อง ตามที่กำหนดไว้ในรายงานการวิเคราะห์ผลกระทบสิ่งแวดล้อม (EIA)
- ³ Standard Condition (Temperature 25°C, Pressure 760 mmHg) and Dry Basis
- Sampling By Mr. Teerapong Naulin (ว-003-ค-0014)
- [@] These Data Outside The Scope of The Registration of The Department of Industrial Works.

Examined By.....

(MISS APIRADEE CHUEN-AROM)

(ว-003-ค-0007)

18/03/2026



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(ว-003-ค-0012)

18/03/2026

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Request No. LA69-0322

Report No. 6903-0140

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.

ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230

SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.

SAMPLE POINT : ปล่อง No.14 รีดโลหะ RM07

SAMPLE NO. : 00619

SAMPLING DATE : 11/03/2026

SAMPLING TIME : 10:50-11:30

RECEIVED DATE : 13/03/2026

REPORTED DATE : 18/03/2026

TESTED DATE : 13-17/03/2026

STACK DESCRIPTION @

Height : 9.00 m

Diameter : 0.50 x 0.50 m

Temperature : 37.00 °C

Air Velocity : 10.89 m/s

Flow rate³ : 2.53 m³/s

Moisture Content : 3.43 %

Type of Process : Exhaust

Type of Fuel : -

Oxygen Content : 20.90 %

Barometric Pressure : 760.00 mmHg

Atmospheric Temperature : 40.00 °C

PARAMETER	TEST METHOD	TIME	RESULT ³	STD ¹	UNIT
Total Suspended Particulate	Isokinetic, Gravimetric	10:50-11:30	0.3	400 , 10 ²	mg/m ³
(TSP)	(U.S. EPA Method 5)		0.0008 [@]	0.04 ²	g/s

REMARK:

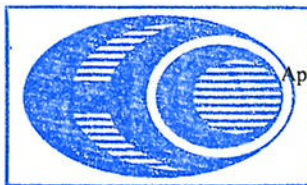
- 1.¹ Notification of The Ministry of Industry B.E. 2549 (2006)
- 2.² ค่ามาตรฐานคุณภาพอากาศจากปล่อง ตามที่กำหนดไว้ในรายงานการวิเคราะห์ผลกระทบสิ่งแวดล้อม (EIA)
- 3.³ Standard Condition (Temperature 25°C, Pressure 760 mmHg) and Dry Basis
4. Sampling By Mr. Teerapong Naulin (1-003-ก-0014)
- 5.[@] These Data Outside The Scope of The Registration of The Department of Industrial Works.

Examined By.....

(MISS APIRADEE CHUEN-AROM)

(1-003-ก-0007)

18/03/2026



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Approved By.....

(MR. THONGCHAI BOONSAK)

(1-003-ก-0012)

18/03/2026

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ระดับเสียงโดยทั่วไปและเสียงรบกวน

TEST REPORT

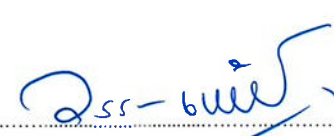
CUSTOMER : Siam Poongsan Metal Co., Ltd.**
ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230**
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.**
SAMPLE POINT : วิทยาลัยเทคโนโลยีวิศวกรรมแหลมฉบัง (ด้านทิศใต้ของโครงการ) (ANI)**
PARAMETER* : L_{eq} 1 hr., L_{eq} 24 hr., L_{max} , $L_{90\#}$ & $L_{dn\#}$
DETERMINATION METHOD : ISO 1996-1:2016##
INSTRUMENT : Integrated Sound Level Meter
S/N 00230987 : Class 1

SAMPLE NO. : 05676
MEASURING DATE : 10-11/03/2026
RECEIVED DATE : 17/03/2026
REPORTED DATE : 23/03/2026

TIME \ DATE	10-11/03/2026 (L_{eq})	10-11/03/2026 (L_{max})	10-11/03/2026 ($L_{90\#}$)	UNIT
08:00 - 09:00 ¹³	67.2	90.4	59.5	dB(A)
09:00 - 10:00	61.8	82.1	56.9	dB(A)
10:00 - 11:00	63.6	83.8	57.2	dB(A)
11:00 - 12:00	64.6	92.2	56.0	dB(A)
12:00 - 13:00	62.4	85.2	55.6	dB(A)
13:00 - 14:00	61.2	78.8	56.0	dB(A)
14:00 - 15:00	73.9	97.2	64.9	dB(A)
15:00 - 16:00	61.9	81.0	56.5	dB(A)
16:00 - 17:00	65.6	92.4	57.1	dB(A)
17:00 - 18:00	68.3	93.8	58.5	dB(A)
18:00 - 19:00	65.7	85.8	61.5	dB(A)
19:00 - 20:00	68.0	92.4	60.8	dB(A)
20:00 - 21:00	67.7	89.5	57.2	dB(A)
21:00 - 22:00	59.6	78.3	54.1	dB(A)
22:00 - 23:00	57.8	79.4	53.7	dB(A)
23:00 - 00:00	56.8	77.9	53.4	dB(A)
00:00 - 01:00	55.5	76.5	53.0	dB(A)
01:00 - 02:00	54.2	67.4	52.9	dB(A)
02:00 - 03:00	54.4	70.4	52.8	dB(A)
03:00 - 04:00	54.6	71.5	53.0	dB(A)
04:00 - 05:00	58.5	81.2	53.2	dB(A)
05:00 - 06:00	62.1	78.4	54.5	dB(A)
06:00 - 07:00	62.7	82.4	56.7	dB(A)
07:00 - 08:00	65.0	85.3	59.2	dB(A)
L_{eq} 24 hr.	65.1	-	-	dB(A)
$L_{dn\#}$	67.5	-	-	dB(A)
Maximum	-	97.2	-	dB(A)
Standard	70 ^{11,12}	115 ^{11,12}	-	dB(A)

REMARK : [#] Test Report/Sampling marked 'Not TISI Accredited' in this report are not included in the TISI Accreditation Schedule for our laboratory
^{**} ISO 1996-1:2016, Notification of The Department of Industrial Works on Methods for Measuring Noise Annoyance, Noise Level 24-Hour Average and Maximum Noise Level From Factory B.E. 2567 (2024), Dated February 21, 2024, Notification of The National Environmental Board Volume 15 B.E. 2540 (1997) on The General Noise Level Standards, Dated April 3, 1997, Notification of The Pollution Control Department on The Calculation of The Noise Level, Dated November 25, 1997
¹¹ Notification of The National Environmental Board Volume 15 B.E. 2540 (1997)
¹² Notification of Ministry of the Industry B.E. 2548 (2005)
¹³ Start Time
* Parameter Outside The Scope of The Registration of The Department of Industrial Works.
(Ms. Thanatporn Klinsoon is Section Head, Mrs. Wanpen Lhaochindawat is Technical Management)
(Measurement By Mr. Seksan Pluemwong)
** These Data are Non Laboratory Data



Approved By 
(MRS. WANPEN LHAOCHINDAWAT)

23/03/2026

บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด
REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY



Request No. LA69-R0350
Report No. R6903-1141

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.
ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
SAMPLE POINT : วิทยาลัยเทคโนโลยีวิศวกรรมแหลมฉบัง (ด้านทิศใต้ของโครงการ) (AN1)
PARAMETER* : ระดับการรบกวน
DETERMINATION METHOD : ISO 1996-1:2016
INSTRUMENT : Integrated Sound Level Meter
S/N 00230987 : Class 1
SAMPLE NO. : 05676
MEASURING DATE : 10-11/03/2026
RECEIVED DATE : 17/03/2026
REPORTED DATE : 23/03/2026

วัน / เวลา ของระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด		ระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด L _{eq} (dB(A))	ระดับเสียง ⁴ ขณะไม่มี การรบกวน L _{eq} (dB(A))	ระดับเสียงขณะมีการรบกวน ⁵ dB(A)	ระดับเสียงพื้นฐาน ⁴ L ₉₀ (dB(A))	ระดับการรบกวน dB(A)
10/03/2026	08:00 - 08:05 ³	68.3	60.8	70.4	55.6	14.8
	08:05 - 08:10	68.4	60.8	70.6	55.6	15.0
	08:10 - 08:15	71.6	60.8	74.2	55.6	18.6
	08:15 - 08:20	65.4	60.8	66.6	55.6	11.0
	08:20 - 08:25	64.4	60.8	64.9	55.6	9.3
	08:25 - 08:30	64.5	60.8	65.1	55.6	9.5
	08:30 - 08:35	64.0	60.8	64.2	55.6	8.6
	08:35 - 08:40	64.3	60.8	64.7	55.6	9.1
	08:40 - 08:45	68.2	60.8	70.3	55.6	14.7
	08:45 - 08:50	70.0	60.8	72.4	55.6	16.8
	08:50 - 08:55	62.4	60.8	60.3	55.6	4.7
	08:55 - 09:00	64.7	60.8	65.4	55.6	9.8
	09:00 - 09:05	61.2	60.8	53.6	55.6	-2.0
	09:05 - 09:10	63.0	60.8	62.0	55.6	6.4
	09:10 - 09:15	61.2	60.8	53.6	55.6	-2.0
	09:15 - 09:20	61.9	60.8	58.4	55.6	2.8
	09:20 - 09:25	61.9	60.8	58.4	55.6	2.8
	09:25 - 09:30	59.7	60.8	-	55.6	-
	09:30 - 09:35	59.6	60.8	-	55.6	-
	09:35 - 09:40	61.0	60.8	50.5	55.6	-5.1
	09:40 - 09:45	64.6	60.8	65.3	55.6	9.7
	09:45 - 09:50	59.8	60.8	-	55.6	-
	09:50 - 09:55	64.2	60.8	64.5	55.6	8.9
	09:55 - 10:00	59.0	60.8	-	55.6	-
	10:00 - 10:05	62.8	60.8	61.5	55.6	5.9
	10:05 - 10:10	62.6	60.8	60.9	55.6	5.3
	10:10 - 10:15	68.0	60.8	70.1	55.6	14.5
	10:15 - 10:20	61.1	60.8	52.3	55.6	-3.3
	10:20 - 10:25	61.1	60.8	52.3	55.6	-3.3
	10:25 - 10:30	66.8	60.8	68.5	55.6	12.9
มาตรฐานเสียงรบกวน ^{1,2}						10

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



Request No. LA69-R0350
Report No. R6903-1141

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.

ADDRESS : 38/14 Moo 5 T. Tung Sukla A. Sriracha, Chonburi 20230

SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.

SAMPLE POINT : วิทยาลัยเทคโนโลยีวิศวกรรมแหลมฉบัง (ด้านทิศใต้ของโครงการ) (AN1)

PARAMETER* : ระดับการรบกวน

DETERMINATION METHOD : ISO 1996-1:2016

INSTRUMENT : Integrated Sound Level Meter

S/N 00230987 : Class 1

SAMPLE NO. : 05676

MEASURING DATE : 10-11/03/2026

RECEIVED DATE : 17/03/2026

REPORTED DATE : 23/03/2026

วัน / เวลา ของระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด		ระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด L _{eq} (dB(A))	ระดับเสียง ^{1/4} ขณะไม่มี การรบกวน L _{eq} (dB(A))	ระดับเสียงขณะมีการรบกวน ⁵ dB(A)	ระดับเสียงพื้นฐาน ⁴ L ₉₀ (dB(A))	ระดับการรบกวน dB(A)
10/03/2026	10:30 - 10:35	62.2	60.8	59.6	55.6	4.0
	10:35 - 10:40	60.6	60.8	-	55.6	-
	10:40 - 10:45	60.6	60.8	-	55.6	-
	10:45 - 10:50	63.1	60.8	62.2	55.6	6.6
	10:50 - 10:55	64.6	60.8	65.3	55.6	9.7
	10:55 - 11:00	61.1	60.8	52.3	55.6	-3.3
	11:00 - 11:05	60.6	60.8	-	55.6	-
	11:05 - 11:10	60.7	60.8	-	55.6	-
	11:10 - 11:15	67.4	60.8	69.3	55.6	13.7
	11:15 - 11:20	61.2	60.8	53.6	55.6	-2.0
	11:20 - 11:25	59.0	60.8	-	55.6	-
	11:25 - 11:30	59.8	60.8	-	55.6	-
	11:30 - 11:35	63.4	60.8	62.9	55.6	7.3
	11:35 - 11:40	66.4	60.8	68.0	55.6	12.4
	11:40 - 11:45	68.1	60.8	70.2	55.6	14.6
	11:45 - 11:50	62.6	60.8	60.9	55.6	5.3
	11:50 - 11:55	64.7	60.8	65.4	55.6	9.8
	11:55 - 12:00	67.6	60.8	69.6	55.6	14.0
	12:00 - 12:05	62.0	60.8	58.8	55.6	3.2
	12:05 - 12:10	60.1	60.8	-	55.6	-
	12:10 - 12:15	66.1	60.8	67.6	55.6	12.0
	12:15 - 12:20	59.9	60.8	-	55.6	-
	12:20 - 12:25	68.0	60.8	70.1	55.6	14.5
	12:25 - 12:30	60.5	60.8	-	55.6	-
	12:30 - 12:35	60.7	60.8	-	55.6	-
	12:35 - 12:40	61.3	60.8	54.7	55.6	-0.9
	12:40 - 12:45	58.9	60.8	-	55.6	-
	12:45 - 12:50	57.9	60.8	-	55.6	-
	12:50 - 12:55	57.4	60.8	-	55.6	-
	12:55 - 13:00	60.3	60.8	-	55.6	-
มาตรฐานเสียงรบกวน ^{1/1,2}						10

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Request No. LA69-R0350
Report No. R6903-1141

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.

ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230

SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.

SAMPLE POINT : วิทยาลัยเทคโนโลยีวิศวกรรมแหลมฉบัง (ด้านทิศใต้ของโครงการ) (AN1)

PARAMETER* : ระดับการรบกวน

DETERMINATION METHOD : ISO 1996-1:2016

INSTRUMENT : Integrated Sound Level Meter

S/N 00230987 : Class 1

SAMPLE NO. : 05676

MEASURING DATE : 10-11/03/2026

RECEIVED DATE : 17/03/2026

REPORTED DATE : 23/03/2026

วัน / เวลา ของระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด		ระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด L _{eq} (dB(A))	ระดับเสียง ^{1/4} ขณะไม่มี การรบกวน L _{eq} (dB(A))	ระดับเสียงขณะมีการรบกวน ⁵ dB(A)	ระดับเสียงพื้นฐาน ⁴ L ₉₀ (dB(A))	ระดับการรบกวน dB(A)
10/03/2026	13:00 - 13:05	63.2	60.8	62.5	55.6	6.9
	13:05 - 13:10	59.6	60.8	-	55.6	-
	13:10 - 13:15	60.2	60.8	-	55.6	-
	13:15 - 13:20	62.5	60.8	60.6	55.6	5.0
	13:20 - 13:25	59.8	60.8	-	55.6	-
	13:25 - 13:30	60.4	60.8	-	55.6	-
	13:30 - 13:35	61.3	60.8	54.7	55.6	-0.9
	13:35 - 13:40	62.6	60.8	60.9	55.6	5.3
	13:40 - 13:45	61.6	60.8	56.9	55.6	1.3
	13:45 - 13:50	58.9	60.8	-	55.6	-
	13:50 - 13:55	60.8	60.8	-	55.6	-
	13:55 - 14:00	61.0	60.8	50.5	55.6	-5.1
	14:00 - 14:05	61.5	60.8	56.2	55.6	0.6
	14:05 - 14:10	65.6	60.8	66.9	55.6	11.3
	14:10 - 14:15	72.8	60.8	75.5	55.6	19.9
	14:15 - 14:20	84.1	60.8	87.1	55.6	31.5
	14:20 - 14:25	62.5	60.8	60.6	55.6	5.0
	14:25 - 14:30	60.5	60.8	-	55.6	-
	14:30 - 14:35	58.9	60.8	-	55.6	-
	14:35 - 14:40	64.9	60.8	65.8	55.6	10.2
	14:40 - 14:45	62.4	60.8	60.3	55.6	4.7
	14:45 - 14:50	59.7	60.8	-	55.6	-
	14:50 - 14:55	62.5	60.8	60.6	55.6	5.0
	14:55 - 15:00	63.8	60.8	63.8	55.6	8.2
	15:00 - 15:05	59.2	60.8	-	55.6	-
	15:05 - 15:10	60.2	60.8	-	55.6	-
	15:10 - 15:15	64.1	60.8	64.4	55.6	8.8
	15:15 - 15:20	60.2	60.8	-	55.6	-
	15:20 - 15:25	61.9	60.8	58.4	55.6	2.8
	15:25 - 15:30	61.5	60.8	56.2	55.6	0.6
มาตรฐานเสียงรบกวน ^{1/1,2}						10

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Request No. LA69-R0350
Report No. R6903-1141

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.

ADDRESS : 38/14 Moo 5 T, Tung Sukla A. Sriracha, Chonburi 20230

SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.

SAMPLE POINT : วิทยาลัยเทคโนโลยีวิศวกรรมแหลมฉบัง (ด้านทิศใต้ของโครงการ) (AN1)

PARAMETER* : ระดับการรบกวน

DETERMINATION METHOD : ISO 1996-1:2016

INSTRUMENT : Integrated Sound Level Meter

S/N 00230987 : Class 1

SAMPLE NO. : 05676

MEASURING DATE : 10-11/03/2026

RECEIVED DATE : 17/03/2026

REPORTED DATE : 23/03/2026

วัน / เวลา ของระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด		ระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด L _{eq} (dB(A))	ระดับเสียง ⁴ ขณะไม่มี การรบกวน L _{eq} (dB(A))	ระดับเสียงขณะมีการรบกวน ⁵ dB(A)	ระดับเสียงพื้นฐาน ⁴ L ₉₀ (dB(A))	ระดับการรบกวน dB(A)
10/03/2026	15:30 - 15:35	62.5	60.8	60.6	55.6	5.0
	15:35 - 15:40	61.8	60.8	57.9	55.6	2.3
	15:40 - 15:45	63.3	60.8	62.7	55.6	7.1
	15:45 - 15:50	62.0	60.8	58.8	55.6	3.2
	15:50 - 15:55	62.7	60.8	61.2	55.6	5.6
	15:55 - 16:00	60.8	60.8	-	55.6	-
	16:00 - 16:05	69.9	60.8	72.3	55.6	16.7
	16:05 - 16:10	61.7	60.8	57.4	55.6	1.8
	16:10 - 16:15	57.1	60.8	-	55.6	-
	16:15 - 16:20	65.7	60.8	67.0	55.6	11.4
	16:20 - 16:25	61.3	60.8	54.7	55.6	-0.9
	16:25 - 16:30	60.0	60.8	-	55.6	-
	16:30 - 16:35	62.3	60.8	60.0	55.6	4.4
	16:35 - 16:40	64.5	60.8	65.1	55.6	9.5
	16:40 - 16:45	69.8	60.8	72.2	55.6	16.6
	16:45 - 16:50	67.8	60.8	69.8	55.6	14.2
	16:50 - 16:55	64.4	60.8	64.9	55.6	9.3
	16:55 - 17:00	64.3	60.8	64.7	55.6	9.1
	17:00 - 17:05	66.2	60.8	67.7	55.6	12.1
	17:05 - 17:10	72.7	60.8	75.4	55.6	19.8
	17:10 - 17:15	71.1	60.8	73.7	55.6	18.1
	17:15 - 17:20	67.7	60.8	69.7	55.6	14.1
	17:20 - 17:25	67.3	60.8	69.2	55.6	13.6
	17:25 - 17:30	66.4	60.8	68.0	55.6	12.4
	17:30 - 17:35	68.1	60.8	70.2	55.6	14.6
	17:35 - 17:40	67.1	60.8	68.9	55.6	13.3
	17:40 - 17:45	69.6	60.8	72.0	55.6	16.4
	17:45 - 17:50	64.8	60.8	65.6	55.6	10.0
	17:50 - 17:55	63.8	60.8	63.8	55.6	8.2
	17:55 - 18:00	65.7	60.8	67.0	55.6	11.4
มาตรฐานเสียงรบกวน ^{1/,2}						10

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WITHOUT THE WRITTEN APPROVAL LABORATORY

Request No. LA69-R0350

Report No. R6903-1141

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.
 ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230
 SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
 SAMPLE POINT : วิทยาลัยเทคโนโลยีวิศวกรรมแหลมฉบัง (ด้านทิศใต้ของโครงการ) (AN1)
 PARAMETER* : ระดับการรบกวน
 DETERMINATION METHOD : ISO 1996-1:2016
 INSTRUMENT : Integrated Sound Level Meter
 S/N 00230987 : Class I

SAMPLE NO. : 05676
 MEASURING DATE : 10-11/03/2026
 RECEIVED DATE : 17/03/2026
 REPORTED DATE : 23/03/2026

วัน / เวลา	ระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด	ระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด L _{eq} (dB(A))	ระดับเสียง ⁴ ขณะไม่มี การรบกวน L _{eq} (dB(A))	ระดับเสียงขณะมีการรบกวน ⁵ dB(A)	ระดับเสียงพื้นฐาน ⁴ L ₉₀ (dB(A))	ระดับการรบกวน dB(A)
10/03/2026	18:00 - 18:05	68.6	60.8	70.8	55.6	15.2
	18:05 - 18:10	66.4	60.8	68.0	55.6	12.4
	18:10 - 18:15	64.3	60.8	64.7	55.6	9.1
	18:15 - 18:20	62.4	60.8	60.3	55.6	4.7
	18:20 - 18:25	62.7	60.8	61.2	55.6	5.6
	18:25 - 18:30	64.7	60.8	65.4	55.6	9.8
	18:30 - 18:35	65.6	60.8	66.9	55.6	11.3
	18:35 - 18:40	65.5	60.8	66.7	55.6	11.1
	18:40 - 18:45	66.2	60.8	67.7	55.6	12.1
	18:45 - 18:50	65.5	60.8	66.7	55.6	11.1
	18:50 - 18:55	66.9	60.8	68.7	55.6	13.1
	18:55 - 19:00	65.8	60.8	67.1	55.6	11.5
	19:00 - 19:05	66.9	60.8	68.7	55.6	13.1
	19:05 - 19:10	67.0	60.8	68.8	55.6	13.2
	19:10 - 19:15	67.7	60.8	69.7	55.6	14.1
	19:15 - 19:20	65.5	60.8	66.7	55.6	11.1
	19:20 - 19:25	68.5	60.8	70.7	55.6	15.1
	19:25 - 19:30	67.9	60.8	70.0	55.6	14.4
	19:30 - 19:35	63.1	60.8	62.2	55.6	6.6
	19:35 - 19:40	69.4	60.8	71.8	55.6	16.2
	19:40 - 19:45	70.3	60.8	72.8	55.6	17.2
	19:45 - 19:50	69.8	60.8	72.2	55.6	16.6
	19:50 - 19:55	68.4	60.8	70.6	55.6	15.0
	19:55 - 20:00	67.7	60.8	69.7	55.6	14.1
	20:00 - 20:05	70.4	60.8	72.9	55.6	17.3
	20:05 - 20:10	67.3	60.8	69.2	55.6	13.6
	20:10 - 20:15	70.7	60.8	73.2	55.6	17.6
	20:15 - 20:20	68.8	60.8	71.1	55.6	15.5
	20:20 - 20:25	71.3	60.8	73.9	55.6	18.3
	20:25 - 20:30	66.6	60.8	68.3	55.6	12.7
มาตรฐานเสียงรบกวน ^{1,2}						10

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY

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WITHOUT THE WRITTEN APPROVAL LABORATORY

TEST REPORT

CUSTOMER	: Siam Poongsan Metal Co., Ltd.	SAMPLE NO.	: 05676
ADDRESS	: 38/14 Moo 5 T. Tung Sukla A. Sriracha, Chonburi 20230	MEASURING DATE	: 10-11/03/2026
SAMPLE SOURCE	: Siam Poongsan Metal Co., Ltd.	RECEIVED DATE	: 17/03/2026
SAMPLE POINT	: วิทยาลัยเทคโนโลยีวิศวกรรมแหลมฉบัง (ด้านทิศใต้ของโครงการ) (ANI)	REPORTED DATE	: 23/03/2026
PARAMETER*	: ระดับการรบกวน		
DETERMINATION METHOD	: ISO 1996-1:2016		
INSTRUMENT	: Integrated Sound Level Meter		
	: S/N 00230987 : Class 1		

วัน / เวลา ของระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด		ระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด L _{eq} (dB(A))	ระดับเสียง ⁴ ขณะไม่มี การรบกวน L _{eq} (dB(A))	ระดับเสียงขณะมีการรบกวน ⁵ dB(A)	ระดับเสียงพื้นฐาน ⁴ L ₉₀ (dB(A))	ระดับการรบกวน dB(A)
10/03/2026	20:30 - 20:35	64.2	60.8	64.5	55.6	8.9
	20:35 - 20:40	65.8	60.8	67.1	55.6	11.5
	20:40 - 20:45	66.4	60.8	68.0	55.6	12.4
	20:45 - 20:50	62.4	60.8	60.3	55.6	4.7
	20:50 - 20:55	64.7	60.8	65.4	55.6	9.8
	20:55 - 21:00	59.6	60.8	-	55.6	-
	21:00 - 21:05	60.5	60.8	-	55.6	-
	21:05 - 21:10	63.6	60.8	63.4	55.6	7.8
	21:10 - 21:15	58.3	60.8	-	55.6	-
	21:15 - 21:20	61.4	60.8	55.5	55.6	-0.1
	21:20 - 21:25	58.3	60.8	-	55.6	-
	21:25 - 21:30	59.1	60.8	-	55.6	-
	21:30 - 21:35	58.4	60.8	-	55.6	-
	21:35 - 21:40	56.6	60.8	-	55.6	-
	21:40 - 21:45	58.9	60.8	-	55.6	-
	21:45 - 21:50	54.9	60.8	-	55.6	-
	21:50 - 21:55	56.0	60.8	-	55.6	-
	21:55 - 22:00	61.3	60.8	54.7	55.6	-0.9
	22:00 - 22:05	61.4	55.1	63.2	53.9	9.3
	22:05 - 22:10	56.2	55.1	52.7	53.9	-1.2
	22:10 - 22:15	55.2	55.1	41.8	53.9	-12.1
	22:15 - 22:20	54.4	55.1	-	53.9	-
	22:20 - 22:25	57.2	55.1	56.0	53.9	2.1
	22:25 - 22:30	58.1	55.1	58.1	53.9	4.2
	22:30 - 22:35	62.0	55.1	64.0	53.9	10.1
	22:35 - 22:40	55.7	55.1	49.8	53.9	-4.1
	22:40 - 22:45	55.7	55.1	49.8	53.9	-4.1
	22:45 - 22:50	55.4	55.1	46.6	53.9	-7.3
	22:50 - 22:55	58.9	55.1	59.6	53.9	5.7
	22:55 - 23:00	54.1	55.1	-	53.9	-
มาตรฐานเสียงรบกวน ^{1,2}						10

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Request No. LA69-R0350
Report No. R6903-1141

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.
ADDRESS : 38/14 Moo 5 T. Tungsukla A, Sriracha, Chonburi 20230
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
SAMPLE POINT : วิทยาลัยเทคโนโลยีวิศวกรรมแหลมฉบัง (ด้านทิศใต้ของโครงการ) (AN1)
PARAMETER* : ระดับการรบกวน
DETERMINATION METHOD : ISO 1996-1:2016
INSTRUMENT : Integrated Sound Level Meter
S/N 00230987 : Class 1

SAMPLE NO. : 05676
MEASURING DATE : 10-11/03/2026
RECEIVED DATE : 17/03/2026
REPORTED DATE : 23/03/2026

วัน / เวลา ของระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด		ระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด L _{eq} (dB(A))	ระดับเสียง ⁴ ขณะไม่มี การรบกวน L _{eq} (dB(A))	ระดับเสียงขณะมีการรบกวน ⁵ dB(A)	ระดับเสียงพื้นฐาน ⁴ L ₉₀ (dB(A))	ระดับการรบกวน dB(A)
10/03/2026	23:00 - 23:05	56.2	55.1	52.7	53.9	-1.2
	23:05 - 23:10	55.4	55.1	46.6	53.9	-7.3
	23:10 - 23:15	55.2	55.1	41.8	53.9	-12.1
	23:15 - 23:20	55.5	55.1	47.9	53.9	-6.0
	23:20 - 23:25	56.0	55.1	51.7	53.9	-2.2
	23:25 - 23:30	54.6	55.1	-	53.9	-
	23:30 - 23:35	57.3	55.1	56.3	53.9	2.4
	23:35 - 23:40	54.9	55.1	-	53.9	-
	23:40 - 23:45	61.8	55.1	63.8	53.9	9.9
	23:45 - 23:50	57.1	55.1	55.8	53.9	1.9
	23:50 - 23:55	54.6	55.1	-	53.9	-
	23:55 - 00:00	55.9	55.1	51.2	53.9	-2.7
11/03/2026	00:00 - 00:05	58.3	55.1	58.5	53.9	4.6
	00:05 - 00:10	54.9	55.1	-	53.9	-
	00:10 - 00:15	54.2	55.1	-	53.9	-
	00:15 - 00:20	54.7	55.1	-	53.9	-
	00:20 - 00:25	55.9	55.1	51.2	53.9	-2.7
	00:25 - 00:30	55.5	55.1	47.9	53.9	-6.0
	00:30 - 00:35	57.8	55.1	57.5	53.9	3.6
	00:35 - 00:40	54.1	55.1	-	53.9	-
	00:40 - 00:45	54.5	55.1	-	53.9	-
	00:45 - 00:50	53.2	55.1	-	53.9	-
	00:50 - 00:55	54.5	55.1	-	53.9	-
	00:55 - 01:00	54.8	55.1	-	53.9	-
	01:00 - 01:05	53.5	55.1	-	53.9	-
	01:05 - 01:10	54.6	55.1	-	53.9	-
	01:10 - 01:15	54.4	55.1	-	53.9	-
	01:15 - 01:20	53.7	55.1	-	53.9	-
	01:20 - 01:25	54.7	55.1	-	53.9	-
	01:25 - 01:30	54.7	55.1	-	53.9	-
มาตรฐานเสียงรบกวน ^{1,2}						10

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Request No. LA69-R0350

Report No. R6903-1141

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.
ADDRESS : 38/14 Moo 5 T. Tung Sukla A. Sriracha, Chonburi 20230
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
SAMPLE POINT : วิทยาลัยเทคโนโลยีวิศวกรรมแหลมฉบัง (ด้านทิศใต้ของโครงการ) (AN1)
PARAMETER* : ระดับการรบกวน
DETERMINATION METHOD : ISO 1996-1:2016
INSTRUMENT : Integrated Sound Level Meter
S/N 00230987 : Class 1

SAMPLE NO. : 05676
MEASURING DATE : 10-11/03/2026
RECEIVED DATE : 17/03/2026
REPORTED DATE : 23/03/2026

วัน / เวลา ของระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด		ระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด L_{eq} (dB(A))	ระดับเสียง ⁴ ขณะไม่มี การรบกวน L_{eq} (dB(A))	ระดับเสียงขณะมีการรบกวน ⁵ dB(A)	ระดับเสียงพื้นฐาน ⁴ L_{90} (dB(A))	ระดับการรบกวน dB(A)
11/03/2026	01:30 - 01:35	54.3	55.1	-	53.9	-
	01:35 - 01:40	53.6	55.1	-	53.9	-
	01:40 - 01:45	54.8	55.1	-	53.9	-
	01:45 - 01:50	53.9	55.1	-	53.9	-
	01:50 - 01:55	53.2	55.1	-	53.9	-
	01:55 - 02:00	55.1	55.1	-	53.9	-
	02:00 - 02:05	53.9	55.1	-	53.9	-
	02:05 - 02:10	53.8	55.1	-	53.9	-
	02:10 - 02:15	54.2	55.1	-	53.9	-
	02:15 - 02:20	53.6	55.1	-	53.9	-
	02:20 - 02:25	53.9	55.1	-	53.9	-
	02:25 - 02:30	53.4	55.1	-	53.9	-
	02:30 - 02:35	53.5	55.1	-	53.9	-
	02:35 - 02:40	55.3	55.1	44.8	53.9	-9.1
	02:40 - 02:45	55.4	55.1	46.6	53.9	-7.3
	02:45 - 02:50	55.6	55.1	49.0	53.9	-4.9
	02:50 - 02:55	55.8	55.1	50.5	53.9	-3.4
	02:55 - 03:00	52.7	55.1	-	53.9	-
	03:00 - 03:05	53.6	55.1	-	53.9	-
	03:05 - 03:10	53.5	55.1	-	53.9	-
	03:10 - 03:15	53.8	55.1	-	53.9	-
	03:15 - 03:20	56.1	55.1	52.2	53.9	-1.7
	03:20 - 03:25	53.9	55.1	-	53.9	-
	03:25 - 03:30	54.7	55.1	-	53.9	-
	03:30 - 03:35	53.4	55.1	-	53.9	-
	03:35 - 03:40	54.4	55.1	-	53.9	-
	03:40 - 03:45	54.8	55.1	-	53.9	-
	03:45 - 03:50	53.9	55.1	-	53.9	-
	03:50 - 03:55	56.2	55.1	52.7	53.9	-1.2
	03:55 - 04:00	55.2	55.1	41.8	53.9	-12.1
มาตรฐานเสียงรบกวน ^{1,2}						10

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Request No. LA69-R0350
Report No. R6903-1141

TEST REPORT

CUSTOMER	: Siam Poongsan Metal Co., Ltd.	SAMPLE NO.	: 05676
ADDRESS	: 38/14 Moo 5 T, Tung Sukla A, Sriracha, Chonburi 20230	MEASURING DATE	: 10-11/03/2026
SAMPLE SOURCE	: Siam Poongsan Metal Co., Ltd.	RECEIVED DATE	: 17/03/2026
SAMPLE POINT	: วิทยาลัยเทคโนโลยีวิศวกรรมแหลมฉบัง (ด้านทิศใต้ของโครงการ) (AN1)	REPORTED DATE	: 23/03/2026
PARAMETER*	: ระดับการรบกวน		
DETERMINATION METHOD	: ISO 1996-1:2016		
INSTRUMENT	: Integrated Sound Level Meter		
S/N 00230987 : Class 1			

วัน / เวลา ของระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด		ระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด L _{eq} (dB(A))	ระดับเสียง ⁴ ขณะไม่มี การรบกวน L _{eq} (dB(A))	ระดับเสียงขณะมีการรบกวน ⁵ dB(A)	ระดับเสียงพื้นฐาน ⁴ L ₉₀ (dB(A))	ระดับการรบกวน dB(A)
11/03/2026	04:00 - 04:05	54.0	55.1	-	53.9	-
	04:05 - 04:10	53.4	55.1	-	53.9	-
	04:10 - 04:15	53.8	55.1	-	53.9	-
	04:15 - 04:20	56.9	55.1	55.2	53.9	1.3
	04:20 - 04:25	57.2	55.1	56.0	53.9	2.1
	04:25 - 04:30	55.4	55.1	46.6	53.9	-7.3
	04:30 - 04:35	63.9	55.1	66.3	53.9	12.4
	04:35 - 04:40	57.6	55.1	57.0	53.9	3.1
	04:40 - 04:45	60.7	55.1	62.3	53.9	8.4
	04:45 - 04:50	59.9	55.1	61.2	53.9	7.3
	04:50 - 04:55	54.8	55.1	-	53.9	-
	04:55 - 05:00	60.0	55.1	61.3	53.9	7.4
	05:00 - 05:05	61.4	55.1	63.2	53.9	9.3
	05:05 - 05:10	57.0	55.1	55.5	53.9	1.6
	05:10 - 05:15	57.9	55.1	57.7	53.9	3.8
	05:15 - 05:20	57.4	55.1	56.5	53.9	2.6
	05:20 - 05:25	56.1	55.1	52.2	53.9	-1.7
	05:25 - 05:30	54.5	55.1	-	53.9	-
	05:30 - 05:35	64.4	55.1	66.9	53.9	13.0
	05:35 - 05:40	65.2	55.1	67.8	53.9	13.9
	05:40 - 05:45	63.9	55.1	66.3	53.9	12.4
	05:45 - 05:50	63.5	55.1	65.8	53.9	11.9
	05:50 - 05:55	63.4	55.1	65.7	53.9	11.8
	05:55 - 06:00	64.3	55.1	66.7	53.9	12.8
	06:00 - 06:05	63.8	60.8	63.8	55.6	8.2
	06:05 - 06:10	60.7	60.8	-	55.6	-
	06:10 - 06:15	61.3	60.8	54.7	55.6	-0.9
	06:15 - 06:20	61.0	60.8	50.5	55.6	-5.1
	06:20 - 06:25	61.7	60.8	57.4	55.6	1.8
	06:25 - 06:30	60.6	60.8	-	55.6	-
มาตรฐานเสียงรบกวน ^{1,2}						10

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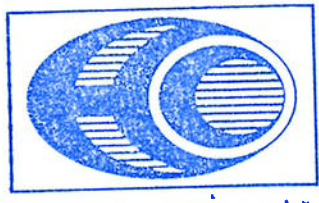
TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.
ADDRESS : 38/14 Moo 5 T. Tung Sukla A. Sriracha, Chonburi 20230
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
SAMPLE POINT : วิทยาลัยเทคโนโลยีวิศวกรรมแหลมฉบัง (ด้านทิศใต้ของโครงการ) (AN1)
PARAMETER* : ระดับการรบกวน
DETERMINATION METHOD : ISO 1996-1:2016
INSTRUMENT : Integrated Sound Level Meter
S/N 00230987 : Class I

SAMPLE NO. : 05676
MEASURING DATE : 10-11/03/2026
RECEIVED DATE : 17/03/2026
REPORTED DATE : 23/03/2026

วัน / เวลา ของระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด		ระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด L _{eq} (dB(A))	ระดับเสียง ^{1/4} ขณะไม่มี การรบกวน L _{eq} (dB(A))	ระดับเสียงขณะมีการรบกวน ^{1/5} dB(A)	ระดับเสียงพื้นฐาน ^{1/4} L ₉₀ (dB(A))	ระดับการรบกวน dB(A)
11/03/2026	06:30 - 06:35	61.6	60.8	56.9	55.6	1.3
	06:35 - 06:40	63.9	60.8	64.0	55.6	8.4
	06:40 - 06:45	63.2	60.8	62.5	55.6	6.9
	06:45 - 06:50	63.6	60.8	63.4	55.6	7.8
	06:50 - 06:55	64.1	60.8	64.4	55.6	8.8
	06:55 - 07:00	64.4	60.8	64.9	55.6	9.3
	07:00 - 07:05	65.1	60.8	66.1	55.6	10.5
	07:05 - 07:10	64.0	60.8	64.2	55.6	8.6
	07:10 - 07:15	68.2	60.8	70.3	55.6	14.7
	07:15 - 07:20	63.4	60.8	62.9	55.6	7.3
	07:20 - 07:25	63.2	60.8	62.5	55.6	6.9
	07:25 - 07:30	63.4	60.8	62.9	55.6	7.3
	07:30 - 07:35	62.4	60.8	60.3	55.6	4.7
	07:35 - 07:40	63.7	60.8	63.6	55.6	8.0
	07:40 - 07:45	65.6	60.8	66.9	55.6	11.3
	07:45 - 07:50	66.8	60.8	68.5	55.6	12.9
	07:50 - 07:55	65.1	60.8	66.1	55.6	10.5
	07:55 - 08:00	65.0	60.8	65.9	55.6	10.3
มาตรฐานเสียงรบกวน ^{1/1, 1/2}						10

REMARK :
^{1/1} Notification of Office of The National Environmental Board Volume 29 B.E. 2550 (2007)
^{1/2} Notification of Ministry of the Industry B.E. 2548 (2005)
^{1/3} Start Time
^{1/4} Measuring Date and Time : 07-08/03/2026 (Day Time : 09:10 - 09:15, Night Time 03:40 - 03:45)
^{1/5} Measurement Follow The Announcement of The Pollution Control Board B.E. 2565 (2022)
and The Notification of Ministry of the Industry B.E. 2567 (2024)
* Parameter Outside The Scope of The Registration of The Department of Industrial Works
(Measurement By Mr. Seksan Plueniwong)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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Approved By 

(MRS. WANPEN LHAOCHINDAWAT)

23/03/2026

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.**
ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230**
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.**
SAMPLE POINT : วิทยาลัยเทคโนโลยีวิศวกรรมแหลมฉบัง (ด้านทิศใต้ของโครงการ) (ANI)**
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 00230987 : Class 1

SAMPLE NO. : 05677
MEASURING DATE : 11-12/03/2026
RECEIVED DATE : 17/03/2026
REPORTED DATE : 23/03/2026

TIME \ DATE	11-12/03/2026 (L_{eq})	11-12/03/2026 (L_{max})	11-12/03/2026 ($L_{90\#}$)	UNIT
08:00 - 09:00 ^{/3}	65.3	85.9	57.3	dB(A)
09:00 - 10:00	60.6	78.5	56.4	dB(A)
10:00 - 11:00	61.9	89.7	57.5	dB(A)
11:00 - 12:00	62.6	82.7	57.0	dB(A)
12:00 - 13:00	62.1	84.4	56.2	dB(A)
13:00 - 14:00	60.2	87.5	54.6	dB(A)
14:00 - 15:00	60.8	83.6	56.0	dB(A)
15:00 - 16:00	61.6	85.5	55.4	dB(A)
16:00 - 17:00	65.4	94.0	57.6	dB(A)
17:00 - 18:00	67.4	86.4	59.6	dB(A)
18:00 - 19:00	66.6	95.8	62.6	dB(A)
19:00 - 20:00	67.2	89.7	57.5	dB(A)
20:00 - 21:00	67.1	88.2	56.8	dB(A)
21:00 - 22:00	58.8	80.0	53.3	dB(A)
22:00 - 23:00	57.3	76.1	53.4	dB(A)
23:00 - 00:00	57.7	83.5	53.6	dB(A)
00:00 - 01:00	55.0	73.6	53.5	dB(A)
01:00 - 02:00	55.6	78.4	53.4	dB(A)
02:00 - 03:00	56.1	80.5	53.3	dB(A)
03:00 - 04:00	54.9	76.5	53.5	dB(A)
04:00 - 05:00	57.8	80.7	54.0	dB(A)
05:00 - 06:00	58.6	80.9	54.4	dB(A)
06:00 - 07:00	61.7	82.4	56.7	dB(A)
07:00 - 08:00	66.4	85.7	60.4	dB(A)
L_{eq} 24 hr.	63.0	-	-	dB(A)
$L_{dn\#}$	66.0	-	-	dB(A)
Maximum	-	95.8	-	dB(A)
Standard	70 ^{/1,2}	115 ^{/1,2}	-	dB(A)

REMARK : [#] Test Report/Sampling marked 'Not TISI Accredited' in this report are not included in the TISI Accreditation Schedule for our laboratory
^{##} ISO 1996-1:2016. Notification of The Department of Industrial Works on Methods for Measuring Noise Annoyance, Noise Level 24-Hour Average and Maximum Noise Level From Factory B.E. 2567 (2024). Dated February 21, 2024. Notification of The National Environmental Board Volume 15 B.E. 2540 (1997) on The General Noise Level Standards, Dated April 3, 1997. Notification of The Pollution Control Department on The Calculation of The Noise Level, Dated November 25, 1997
^{/1} Notification of The National Environmental Board Volume 15 B.E. 2540 (1997)
^{/2} Notification of Ministry of the Industry B.E. 2548 (2005)
^{/3} Start Time
* Parameter Outside The Scope of The Registration of The Department of Industrial Works.
(Ms. Thanatporn Klinsoon is Section Head. Mrs. Wanpen Lhaochindawat is Technical Management)
(Measurement By Mr. Seksan Pluemwong)
** These Data are Non Laboratory Data



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By 
(MRS. WANPEN LHAOCHINDAWAT)

23/03/2026

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

Request No. LA69-R0350
Report No. R6903-1142

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.

ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230

SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.

SAMPLE POINT : วิทยาลัยเทคโนโลยีวิศวกรรมแหลมฉบัง (ด้านทิศใต้ของโครงการ) (ANI)

PARAMETER* : ระดับการรบกวน

DETERMINATION METHOD : ISO 1996-1:2016

INSTRUMENT : Integrated Sound Level Meter

SAMPLE NO. : 05677

MEASURING DATE : 11-12/03/2026

RECEIVED DATE : 17/03/2026

REPORTED DATE : 23/03/2026

S/N 00230987 : Class 1

วัน / เวลา ของระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด		ระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด L _{eq} (dB(A))	ระดับเสียง ^{1/4} ขณะไม่มี การรบกวน L _{eq} (dB(A))	ระดับเสียงขณะมีการรบกวน ⁵ dB(A)	ระดับเสียงพื้นฐาน ⁴ L ₉₀ (dB(A))	ระดับการรบกวน dB(A)
11/03/2026	08:00 - 08:05 ³	68.7	60.8	70.9	55.6	15.3
	08:05 - 08:10	68.8	60.8	71.1	55.6	15.5
	08:10 - 08:15	65.7	60.8	67.0	55.6	11.4
	08:15 - 08:20	65.3	60.8	66.4	55.6	10.8
	08:20 - 08:25	62.1	60.8	59.2	55.6	3.6
	08:25 - 08:30	62.9	60.8	61.7	55.6	6.1
	08:30 - 08:35	65.3	60.8	66.4	55.6	10.8
	08:35 - 08:40	61.1	60.8	52.3	55.6	-3.3
	08:40 - 08:45	62.0	60.8	58.8	55.6	3.2
	08:45 - 08:50	62.7	60.8	61.2	55.6	5.6
	08:50 - 08:55	67.5	60.8	69.5	55.6	13.9
	08:55 - 09:00	59.5	60.8	-	55.6	-
	09:00 - 09:05	60.2	60.8	-	55.6	-
	09:05 - 09:10	61.9	60.8	58.4	55.6	2.8
	09:10 - 09:15	60.1	60.8	-	55.6	-
	09:15 - 09:20	62.7	60.8	61.2	55.6	5.6
	09:20 - 09:25	59.8	60.8	-	55.6	-
	09:25 - 09:30	60.2	60.8	-	55.6	-
	09:30 - 09:35	58.9	60.8	-	55.6	-
	09:35 - 09:40	60.3	60.8	-	55.6	-
	09:40 - 09:45	60.3	60.8	-	55.6	-
	09:45 - 09:50	59.8	60.8	-	55.6	-
	09:50 - 09:55	61.4	60.8	55.5	55.6	-0.1
	09:55 - 10:00	59.7	60.8	-	55.6	-
	10:00 - 10:05	61.0	60.8	50.5	55.6	-5.1
	10:05 - 10:10	60.2	60.8	-	55.6	-
	10:10 - 10:15	61.2	60.8	53.6	55.6	-2.0
	10:15 - 10:20	59.8	60.8	-	55.6	-
	10:20 - 10:25	61.4	60.8	55.5	55.6	-0.1
	10:25 - 10:30	61.3	60.8	54.7	55.6	-0.9
มาตรฐานเสียงรบกวน ^{1/1,2}						10

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Request No. LA69-R0350

Report No. R6903-1142

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.
ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
SAMPLE POINT : วิทยาลัยเทคโนโลยีวิศวกรรมแหลมฉบัง (ด้านทิศใต้ของโครงการ) (ANI)
PARAMETER* : ระดับการรบกวน
DETERMINATION METHOD : ISO 1996-1:2016
INSTRUMENT : Integrated Sound Level Meter
S/N 00230987 : Class 1

SAMPLE NO. : 05677
MEASURING DATE : 11-12/03/2026
RECEIVED DATE : 17/03/2026
REPORTED DATE : 23/03/2026

วัน / เวลา ของระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด		ระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด L_{eq} (dB(A))	ระดับเสียง ^{1/4} ขณะไม่มี การรบกวน L_{eq} (dB(A))	ระดับเสียงขณะมีการรบกวน ^{1/5} dB(A)	ระดับเสียงพื้นฐาน ^{1/4} L_{90} (dB(A))	ระดับการรบกวน dB(A)
11/03/2026	10:30 - 10:35	59.7	60.8	-	55.6	-
	10:35 - 10:40	60.8	60.8	-	55.6	-
	10:40 - 10:45	61.0	60.8	50.5	55.6	-5.1
	10:45 - 10:50	67.2	60.8	69.1	55.6	13.5
	10:50 - 10:55	60.7	60.8	-	55.6	-
	10:55 - 11:00	62.1	60.8	59.2	55.6	3.6
	11:00 - 11:05	61.7	60.8	57.4	55.6	1.8
	11:05 - 11:10	64.7	60.8	65.4	55.6	9.8
	11:10 - 11:15	61.3	60.8	54.7	55.6	-0.9
	11:15 - 11:20	60.9	60.8	47.5	55.6	-8.1
	11:20 - 11:25	60.5	60.8	-	55.6	-
	11:25 - 11:30	62.3	60.8	60.0	55.6	4.4
	11:30 - 11:35	63.2	60.8	62.5	55.6	6.9
	11:35 - 11:40	63.4	60.8	62.9	55.6	7.3
	11:40 - 11:45	63.4	60.8	62.9	55.6	7.3
	11:45 - 11:50	60.7	60.8	-	55.6	-
	11:50 - 11:55	60.6	60.8	-	55.6	-
	11:55 - 12:00	65.4	60.8	66.6	55.6	11.0
	12:00 - 12:05	60.4	60.8	-	55.6	-
	12:05 - 12:10	63.6	60.8	63.4	55.6	7.8
	12:10 - 12:15	62.9	60.8	61.7	55.6	6.1
	12:15 - 12:20	65.8	60.8	67.1	55.6	11.5
	12:20 - 12:25	66.6	60.8	68.3	55.6	12.7
	12:25 - 12:30	61.0	60.8	50.5	55.6	-5.1
	12:30 - 12:35	60.0	60.8	-	55.6	-
	12:35 - 12:40	58.6	60.8	-	55.6	-
	12:40 - 12:45	57.0	60.8	-	55.6	-
	12:45 - 12:50	58.3	60.8	-	55.6	-
	12:50 - 12:55	58.5	60.8	-	55.6	-
	12:55 - 13:00	60.1	60.8	-	55.6	-
มาตรฐานเสียงรบกวน ^{1/1,2}						10

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Request No. LA69-R0350

Report No. R6903-1142

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.
ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
SAMPLE POINT : วิทยาลัยเทคโนโลยีวิศวกรรมแหลมฉบัง (ด้านทิศใต้ของโครงการ) (AN1)
PARAMETER* : ระดับการรบกวน
DETERMINATION METHOD : ISO 1996-1:2016
INSTRUMENT : Integrated Sound Level Meter
S/N 00230987 : Class 1

SAMPLE NO. : 05677
MEASURING DATE : 11-12/03/2026
RECEIVED DATE : 17/03/2026
REPORTED DATE : 23/03/2026

วัน / เวลา ของระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด		ระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด L_{eq} (dB(A))	ระดับเสียง ⁴ ขณะไม่มี การรบกวน L_{eq} (dB(A))	ระดับเสียงขณะมีการรบกวน ⁵ dB(A)	ระดับเสียงพื้นฐาน ⁴ L_{90} (dB(A))	ระดับการรบกวน dB(A)
11/03/2026	13:00 - 13:05	59.7	60.8	-	55.6	-
	13:05 - 13:10	57.4	60.8	-	55.6	-
	13:10 - 13:15	61.1	60.8	52.3	55.6	-3.3
	13:15 - 13:20	58.6	60.8	-	55.6	-
	13:20 - 13:25	60.8	60.8	-	55.6	-
	13:25 - 13:30	58.1	60.8	-	55.6	-
	13:30 - 13:35	63.0	60.8	62.0	55.6	6.4
	13:35 - 13:40	62.6	60.8	60.9	55.6	5.3
	13:40 - 13:45	59.4	60.8	-	55.6	-
	13:45 - 13:50	60.5	60.8	-	55.6	-
	13:50 - 13:55	58.1	60.8	-	55.6	-
	13:55 - 14:00	58.9	60.8	-	55.6	-
	14:00 - 14:05	59.6	60.8	-	55.6	-
	14:05 - 14:10	59.8	60.8	-	55.6	-
	14:10 - 14:15	60.0	60.8	-	55.6	-
	14:15 - 14:20	59.7	60.8	-	55.6	-
	14:20 - 14:25	57.5	60.8	-	55.6	-
	14:25 - 14:30	59.8	60.8	-	55.6	-
	14:30 - 14:35	61.3	60.8	54.7	55.6	-0.9
	14:35 - 14:40	60.5	60.8	-	55.6	-
	14:40 - 14:45	63.1	60.8	62.2	55.6	6.6
	14:45 - 14:50	63.2	60.8	62.5	55.6	6.9
	14:50 - 14:55	60.7	60.8	-	55.6	-
	14:55 - 15:00	61.4	60.8	55.5	55.6	-0.1
	15:00 - 15:05	64.1	60.8	64.4	55.6	8.8
	15:05 - 15:10	60.4	60.8	-	55.6	-
	15:10 - 15:15	60.2	60.8	-	55.6	-
	15:15 - 15:20	59.6	60.8	-	55.6	-
	15:20 - 15:25	57.4	60.8	-	55.6	-
	15:25 - 15:30	60.2	60.8	-	55.6	-
มาตรฐานเสียงรบกวน ^{1,2}						10

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Request No. LA69-R0350
Report No. R6903-1142

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.
ADDRESS : 38/14 Moo 5 T. Tung Sukla A. Sriracha, Chonburi 20230
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
SAMPLE POINT : วิทยาลัยเทคโนโลยีวิศวกรรมแหลมฉบัง (ด้านทิศใต้ของโครงการ) (AN1)
PARAMETER* : ระดับการรบกวน
DETERMINATION METHOD : ISO 1996-1:2016
INSTRUMENT : Integrated Sound Level Meter
S/N 00230987 : Class 1

SAMPLE NO. : 05677
MEASURING DATE : 11-12/03/2026
RECEIVED DATE : 17/03/2026
REPORTED DATE : 23/03/2026

วัน / เวลา ของระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด		ระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด L _{eq} (dB(A))	ระดับเสียง ^{1/4} ขณะไม่มี การรบกวน L _{eq} (dB(A))	ระดับเสียงขณะมีการรบกวน ^{1/5} dB(A)	ระดับเสียงพื้นฐาน ^{1/4} L ₉₀ (dB(A))	ระดับการรบกวน dB(A)
11/03/2026	15:30 - 15:35	64.3	60.8	64.7	55.6	9.1
	15:35 - 15:40	61.0	60.8	50.5	55.6	-5.1
	15:40 - 15:45	59.2	60.8	-	55.6	-
	15:45 - 15:50	64.0	60.8	64.2	55.6	8.6
	15:50 - 15:55	61.4	60.8	55.5	55.6	-0.1
	15:55 - 16:00	61.0	60.8	50.5	55.6	-5.1
	16:00 - 16:05	63.7	60.8	63.6	55.6	8.0
	16:05 - 16:10	62.9	60.8	61.7	55.6	6.1
	16:10 - 16:15	62.2	60.8	59.6	55.6	4.0
	16:15 - 16:20	62.2	60.8	59.6	55.6	4.0
	16:20 - 16:25	63.6	60.8	63.4	55.6	7.8
	16:25 - 16:30	66.2	60.8	67.7	55.6	12.1
	16:30 - 16:35	62.6	60.8	60.9	55.6	5.3
	16:35 - 16:40	64.8	60.8	65.6	55.6	10.0
	16:40 - 16:45	70.6	60.8	73.1	55.6	17.5
	16:45 - 16:50	65.6	60.8	66.9	55.6	11.3
	16:50 - 16:55	65.1	60.8	66.1	55.6	10.5
	16:55 - 17:00	66.5	60.8	68.1	55.6	12.5
	17:00 - 17:05	65.1	60.8	66.1	55.6	10.5
	17:05 - 17:10	68.8	60.8	71.1	55.6	15.5
	17:10 - 17:15	67.8	60.8	69.8	55.6	14.2
	17:15 - 17:20	66.7	60.8	68.4	55.6	12.8
	17:20 - 17:25	64.5	60.8	65.1	55.6	9.5
	17:25 - 17:30	64.9	60.8	65.8	55.6	10.2
	17:30 - 17:35	68.3	60.8	70.4	55.6	14.8
	17:35 - 17:40	68.7	60.8	70.9	55.6	15.3
	17:40 - 17:45	68.6	60.8	70.8	55.6	15.2
	17:45 - 17:50	66.7	60.8	68.4	55.6	12.8
	17:50 - 17:55	65.5	60.8	66.7	55.6	11.1
	17:55 - 18:00	69.7	60.8	72.1	55.6	16.5
มาตรฐานเสียงรบกวน ^{1/, 1/2}						10

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Request No. LA69-R0350
Report No. R6903-1142

TEST REPORT

CUSTOMER	: Siam Poongsan Metal Co., Ltd.	SAMPLE NO.	: 05677
ADDRESS	: 38/14 Moo 5 T. Tung Sukla A. Sriracha, Chonburi 20230	MEASURING DATE	: 11-12/03/2026
SAMPLE SOURCE	: Siam Poongsan Metal Co., Ltd.	RECEIVED DATE	: 17/03/2026
SAMPLE POINT	: วิทยาลัยเทคโนโลยีวิศวกรรมแหลมฉบัง (ด้านทิศใต้ของโครงการ) (AN1)	REPORTED DATE	: 23/03/2026
PARAMETER*	: ระดับการรบกวน		
DETERMINATION METHOD	: ISO 1996-1:2016		
INSTRUMENT	: Integrated Sound Level Meter		
	S/N 00230987 : Class 1		

วัน / เวลา ของระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด		ระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด L _{eq} (dB(A))	ระดับเสียง ⁴ ขณะไม่มี การรบกวน L _{eq} (dB(A))	ระดับเสียงขณะมีการรบกวน ⁵ dB(A)	ระดับเสียงพื้นฐาน ⁴ L ₉₀ (dB(A))	ระดับการรบกวน dB(A)
11/03/2026	18:00 - 18:05	66.9	60.8	68.7	55.6	13.1
	18:05 - 18:10	66.7	60.8	68.4	55.6	12.8
	18:10 - 18:15	66.4	60.8	68.0	55.6	12.4
	18:15 - 18:20	65.4	60.8	66.6	55.6	11.0
	18:20 - 18:25	65.8	60.8	67.1	55.6	11.5
	18:25 - 18:30	65.3	60.8	66.4	55.6	10.8
	18:30 - 18:35	68.2	60.8	70.3	55.6	14.7
	18:35 - 18:40	65.1	60.8	66.1	55.6	10.5
	18:40 - 18:45	66.2	60.8	67.7	55.6	12.1
	18:45 - 18:50	65.4	60.8	66.6	55.6	11.0
	18:50 - 18:55	65.0	60.8	65.9	55.6	10.3
	18:55 - 19:00	69.9	60.8	72.3	55.6	16.7
	19:00 - 19:05	66.7	60.8	68.4	55.6	12.8
	19:05 - 19:10	65.6	60.8	66.9	55.6	11.3
	19:10 - 19:15	68.3	60.8	70.4	55.6	14.8
	19:15 - 19:20	63.0	60.8	62.0	55.6	6.4
	19:20 - 19:25	61.8	60.8	57.9	55.6	2.3
	19:25 - 19:30	65.3	60.8	66.4	55.6	10.8
	19:30 - 19:35	65.2	60.8	66.2	55.6	10.6
	19:35 - 19:40	72.2	60.8	74.9	55.6	19.3
	19:40 - 19:45	67.2	60.8	69.1	55.6	13.5
	19:45 - 19:50	67.1	60.8	68.9	55.6	13.3
	19:50 - 19:55	66.8	60.8	68.5	55.6	12.9
	19:55 - 20:00	68.0	60.8	70.1	55.6	14.5
	20:00 - 20:05	69.9	60.8	72.3	55.6	16.7
	20:05 - 20:10	69.2	60.8	71.5	55.6	15.9
	20:10 - 20:15	71.5	60.8	74.1	55.6	18.5
	20:15 - 20:20	67.6	60.8	69.6	55.6	14.0
	20:20 - 20:25	68.3	60.8	70.4	55.6	14.8
	20:25 - 20:30	67.3	60.8	69.2	55.6	13.6
มาตรฐานเสียงรบกวน ^{1,2}						10

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

Request No. LA69-R0350
Report No. R6903-1142

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.

ADDRESS : 38/14 Moo 5 T, Tungsukla A. Sriracha, Chonburi 20230

SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.

SAMPLE POINT : วิทยาลัยเทคโนโลยีวิศวกรรมแหลมฉบัง (ด้านทิศใต้ของโครงการ) (AN1)

PARAMETER* : ระดับการรบกวน

DETERMINATION METHOD : ISO 1996-1:2016

INSTRUMENT : Integrated Sound Level Meter

S/N 00230987 : Class 1

SAMPLE NO. : 05677

MEASURING DATE : 11-12/03/2026

RECEIVED DATE : 17/03/2026

REPORTED DATE : 23/03/2026

วัน / เวลา ของระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด		ระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด L _{eq} (dB(A))	ระดับเสียง ^{1/} ขณะไม่มี การรบกวน L _{eq} (dB(A))	ระดับเสียงขณะมีการรบกวน ^{5/} dB(A)	ระดับเสียงพื้นฐาน ^{4/} L ₉₀ (dB(A))	ระดับการรบกวน dB(A)
11/03/2026	20:30 - 20:35	64.6	60.8	65.3	55.6	9.7
	20:35 - 20:40	63.3	60.8	62.7	55.6	7.1
	20:40 - 20:45	64.8	60.8	65.6	55.6	10.0
	20:45 - 20:50	62.4	60.8	60.3	55.6	4.7
	20:50 - 20:55	62.0	60.8	58.8	55.6	3.2
	20:55 - 21:00	58.0	60.8	-	55.6	-
	21:00 - 21:05	62.7	60.8	61.2	55.6	5.6
	21:05 - 21:10	62.3	60.8	60.0	55.6	4.4
	21:10 - 21:15	56.2	60.8	-	55.6	-
	21:15 - 21:20	56.4	60.8	-	55.6	-
	21:20 - 21:25	57.1	60.8	-	55.6	-
	21:25 - 21:30	57.8	60.8	-	55.6	-
	21:30 - 21:35	58.6	60.8	-	55.6	-
	21:35 - 21:40	57.7	60.8	-	55.6	-
	21:40 - 21:45	57.2	60.8	-	55.6	-
	21:45 - 21:50	55.0	60.8	-	55.6	-
	21:50 - 21:55	58.3	60.8	-	55.6	-
	21:55 - 22:00	58.3	60.8	-	55.6	-
	22:00 - 22:05	56.7	55.1	54.6	53.9	0.7
	22:05 - 22:10	57.0	55.1	55.5	53.9	1.6
	22:10 - 22:15	55.0	55.1	-	53.9	-
	22:15 - 22:20	60.0	55.1	61.3	53.9	7.4
	22:20 - 22:25	58.1	55.1	58.1	53.9	4.2
	22:25 - 22:30	54.1	55.1	-	53.9	-
	22:30 - 22:35	59.4	55.1	60.4	53.9	6.5
	22:35 - 22:40	57.9	55.1	57.7	53.9	3.8
	22:40 - 22:45	55.7	55.1	49.8	53.9	-4.1
	22:45 - 22:50	57.1	55.1	55.8	53.9	1.9
	22:50 - 22:55	57.6	55.1	57.0	53.9	3.1
	22:55 - 23:00	54.6	55.1	-	53.9	-
มาตรฐานเสียงรบกวน ^{1/,2/}						10

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

Request No. LA69-R0350

Report No. R6903-1142

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.
ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
SAMPLE POINT : วิทยาลัยเทคโนโลยีวิศวกรรมแหลมฉบัง (ด้านทิศใต้ของโครงการ) (AN1)
PARAMETER* : ระดับการรบกวน
DETERMINATION METHOD : ISO 1996-1:2016
INSTRUMENT : Integrated Sound Level Meter
S/N 00230987 : Class 1

SAMPLE NO. : 05677
MEASURING DATE : 11-12/03/2026
RECEIVED DATE : 17/03/2026
REPORTED DATE : 23/03/2026

วัน / เวลา ของระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด		ระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด L_{eq} (dB(A))	ระดับเสียง ^{1/4} ขณะไม่มี การรบกวน L_{eq} (dB(A))	ระดับเสียงขณะมีการรบกวน ⁵ dB(A)	ระดับเสียงพื้นฐาน ⁴ L_{90} (dB(A))	ระดับการรบกวน dB(A)
11/03/2026	23:00 - 23:05	57.6	55.1	57.0	53.9	3.1
	23:05 - 23:10	56.3	55.1	53.1	53.9	-0.8
	23:10 - 23:15	54.3	55.1	-	53.9	-
	23:15 - 23:20	56.8	55.1	54.9	53.9	1.0
	23:20 - 23:25	57.0	55.1	55.5	53.9	1.6
	23:25 - 23:30	57.5	55.1	56.8	53.9	2.9
	23:30 - 23:35	54.9	55.1	-	53.9	-
	23:35 - 23:40	57.3	55.1	56.3	53.9	2.4
	23:40 - 23:45	55.2	55.1	41.8	53.9	-12.1
	23:45 - 23:50	63.5	55.1	65.8	53.9	11.9
	23:50 - 23:55	55.6	55.1	49.0	53.9	-4.9
	23:55 - 00:00	56.0	55.1	51.7	53.9	-2.2
12/03/2026	00:00 - 00:05	54.4	55.1	-	53.9	-
	00:05 - 00:10	54.8	55.1	-	53.9	-
	00:10 - 00:15	54.8	55.1	-	53.9	-
	00:15 - 00:20	55.1	55.1	-	53.9	-
	00:20 - 00:25	54.3	55.1	-	53.9	-
	00:25 - 00:30	56.9	55.1	55.2	53.9	1.3
	00:30 - 00:35	54.2	55.1	-	53.9	-
	00:35 - 00:40	54.9	55.1	-	53.9	-
	00:40 - 00:45	54.8	55.1	-	53.9	-
	00:45 - 00:50	54.7	55.1	-	53.9	-
	00:50 - 00:55	54.6	55.1	-	53.9	-
	00:55 - 01:00	55.5	55.1	47.9	53.9	-6.0
	01:00 - 01:05	54.0	55.1	-	53.9	-
	01:05 - 01:10	59.9	55.1	61.2	53.9	7.3
	01:10 - 01:15	57.0	55.1	55.5	53.9	1.6
	01:15 - 01:20	54.2	55.1	-	53.9	-
	01:20 - 01:25	55.9	55.1	51.2	53.9	-2.7
	01:25 - 01:30	53.8	55.1	-	53.9	-
มาตรฐานเสียงรบกวน ^{1/,2}						10

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY

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WITHOUT THE WRITTEN APPROVAL LABORATORY

Request No. LA69-R0350

Report No. R6903-1142

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.
ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
SAMPLE POINT : วิทยาลัยเทคโนโลยีวิศวกรรมแหลมฉบัง (ด้านทิศใต้ของโครงการ) (AN1)
PARAMETER* : ระดับการรบกวน
DETERMINATION METHOD : ISO 1996-1:2016
INSTRUMENT : Integrated Sound Level Meter
S/N 00230987 : Class 1

SAMPLE NO. : 05677
MEASURING DATE : 11-12/03/2026
RECEIVED DATE : 17/03/2026
REPORTED DATE : 23/03/2026

วัน / เวลา ของระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด		ระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด L_{eq} (dB(A))	ระดับเสียง ⁴ ขณะไม่มี การรบกวน L_{eq} (dB(A))	ระดับเสียงขณะมีการรบกวน ⁵ dB(A)	ระดับเสียงพื้นฐาน ⁴ L_{90} (dB(A))	ระดับการรบกวน dB(A)
12/03/2026	01:30 - 01:35	54.1	55.1	-	53.9	-
	01:35 - 01:40	54.0	55.1	-	53.9	-
	01:40 - 01:45	55.0	55.1	-	53.9	-
	01:45 - 01:50	55.0	55.1	-	53.9	-
	01:50 - 01:55	53.9	55.1	-	53.9	-
	01:55 - 02:00	55.8	55.1	50.5	53.9	-3.4
	02:00 - 02:05	54.4	55.1	-	53.9	-
	02:05 - 02:10	54.3	55.1	-	53.9	-
	02:10 - 02:15	53.7	55.1	-	53.9	-
	02:15 - 02:20	61.3	55.1	63.1	53.9	9.2
	02:20 - 02:25	54.7	55.1	-	53.9	-
	02:25 - 02:30	55.1	55.1	-	53.9	-
	02:30 - 02:35	55.3	55.1	44.8	53.9	-9.1
	02:35 - 02:40	54.9	55.1	-	53.9	-
	02:40 - 02:45	54.5	55.1	-	53.9	-
	02:45 - 02:50	54.9	55.1	-	53.9	-
	02:50 - 02:55	57.1	55.1	55.8	53.9	1.9
	02:55 - 03:00	55.4	55.1	46.6	53.9	-7.3
	03:00 - 03:05	54.3	55.1	-	53.9	-
	03:05 - 03:10	53.8	55.1	-	53.9	-
	03:10 - 03:15	54.6	55.1	-	53.9	-
	03:15 - 03:20	55.6	55.1	49.0	53.9	-4.9
	03:20 - 03:25	54.5	55.1	-	53.9	-
	03:25 - 03:30	54.2	55.1	-	53.9	-
	03:30 - 03:35	55.4	55.1	46.6	53.9	-7.3
	03:35 - 03:40	55.5	55.1	47.9	53.9	-6.0
	03:40 - 03:45	55.5	55.1	47.9	53.9	-6.0
	03:45 - 03:50	54.5	55.1	-	53.9	-
	03:50 - 03:55	54.7	55.1	-	53.9	-
	03:55 - 04:00	55.2	55.1	41.8	53.9	-12.1
มาตรฐานเสียงรบกวน ^{1,2}						10

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY

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Request No. LA69-R0350

Report No. R6903-I142

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.
 ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230
 SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
 SAMPLE POINT : วิทยาลัยเทคโนโลยีวิศวกรรมแหลมฉบัง (ด้านทิศใต้ของโครงการ) (ANI)
 PARAMETER* : ระดับการรบกวน
 DETERMINATION METHOD : ISO 1996-1:2016
 INSTRUMENT : Integrated Sound Level Meter
 S/N 00230987 : Class 1

SAMPLE NO. : 05677
 MEASURING DATE : 11-12/03/2026
 RECEIVED DATE : 17/03/2026
 REPORTED DATE : 23/03/2026

วัน / เวลา ของระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด		ระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด L_{eq} (dB(A))	ระดับเสียง ^{1/4} ขณะไม่มี การรบกวน L_{eq} (dB(A))	ระดับเสียงขณะมีการรบกวน ⁵ dB(A)	ระดับเสียงพื้นฐาน ⁴ L_{90} (dB(A))	ระดับการรบกวน dB(A)
12/03/2026	04:00 - 04:05	55.8	55.1	50.5	53.9	-3.4
	04:05 - 04:10	54.8	55.1	-	53.9	-
	04:10 - 04:15	54.6	55.1	-	53.9	-
	04:15 - 04:20	56.1	55.1	52.2	53.9	-1.7
	04:20 - 04:25	61.4	55.1	63.2	53.9	9.3
	04:25 - 04:30	54.7	55.1	-	53.9	-
	04:30 - 04:35	60.7	55.1	62.3	53.9	8.4
	04:35 - 04:40	58.2	55.1	58.3	53.9	4.4
	04:40 - 04:45	59.0	55.1	59.7	53.9	5.8
	04:45 - 04:50	57.1	55.1	55.8	53.9	1.9
	04:50 - 04:55	57.7	55.1	57.2	53.9	3.3
	04:55 - 05:00	56.0	55.1	51.7	53.9	-2.2
	05:00 - 05:05	60.7	55.1	62.3	53.9	8.4
	05:05 - 05:10	58.9	55.1	59.6	53.9	5.7
	05:10 - 05:15	57.2	55.1	56.0	53.9	2.1
	05:15 - 05:20	58.7	55.1	59.2	53.9	5.3
	05:20 - 05:25	55.6	55.1	49.0	53.9	-4.9
	05:25 - 05:30	55.0	55.1	-	53.9	-
	05:30 - 05:35	59.6	55.1	60.7	53.9	6.8
	05:35 - 05:40	56.9	55.1	55.2	53.9	1.3
	05:40 - 05:45	60.6	55.1	62.2	53.9	8.3
	05:45 - 05:50	59.6	55.1	60.7	53.9	6.8
	05:50 - 05:55	58.3	55.1	58.5	53.9	4.6
	05:55 - 06:00	58.1	55.1	58.1	53.9	4.2
	06:00 - 06:05	58.9	60.8	-	55.6	-
	06:05 - 06:10	59.7	60.8	-	55.6	-
	06:10 - 06:15	59.8	60.8	-	55.6	-
	06:15 - 06:20	57.8	60.8	-	55.6	-
	06:20 - 06:25	62.7	60.8	61.2	55.6	5.6
	06:25 - 06:30	61.3	60.8	54.7	55.6	-0.9
มาตรฐานเสียงรบกวน ^{1/,2}						10

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Request No. LA69-R0350
Report No. R6903-1142

TEST REPORT

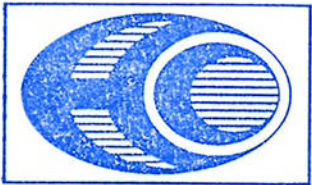
CUSTOMER : Siam Poongsan Metal Co., Ltd.
ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
SAMPLE POINT : วิทยาลัยเทคโนโลยีวิศวกรรมแหลมฉบัง (ด้านทิศใต้ของโครงการ) (ANI)
PARAMETER* : ระดับการรบกวน
DETERMINATION METHOD : ISO 1996-1:2016
INSTRUMENT : Integrated Sound Level Meter
S/N 00230987 : Class 1

SAMPLE NO. : 05677
MEASURING DATE : 11-12/03/2026
RECEIVED DATE : 17/03/2026
REPORTED DATE : 23/03/2026

วัน / เวลา ของระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด		ระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด L _{eq} (dB(A))	ระดับเสียง ^{1/4} ขณะไม่มี การรบกวน L _{eq} (dB(A))	ระดับเสียงขณะมีการรบกวน ^{1/5} dB(A)	ระดับเสียงพื้นฐาน ^{1/4} L ₉₀ (dB(A))	ระดับการรบกวน dB(A)
12/03/2026	06:30 - 06:35	60.6	60.8	-	55.6	-
	06:35 - 06:40	63.7	60.8	63.6	55.6	8.0
	06:40 - 06:45	61.7	60.8	57.4	55.6	1.8
	06:45 - 06:50	63.0	60.8	62.0	55.6	6.4
	06:50 - 06:55	63.8	60.8	63.8	55.6	8.2
	06:55 - 07:00	63.1	60.8	62.2	55.6	6.6
	07:00 - 07:05	63.7	60.8	63.6	55.6	8.0
	07:05 - 07:10	67.3	60.8	69.2	55.6	13.6
	07:10 - 07:15	65.2	60.8	66.2	55.6	10.6
	07:15 - 07:20	67.2	60.8	69.1	55.6	13.5
	07:20 - 07:25	65.9	60.8	67.3	55.6	11.7
	07:25 - 07:30	65.6	60.8	66.9	55.6	11.3
	07:30 - 07:35	66.2	60.8	67.7	55.6	12.1
	07:35 - 07:40	65.6	60.8	66.9	55.6	11.3
	07:40 - 07:45	68.9	60.8	71.2	55.6	15.6
	07:45 - 07:50	66.4	60.8	68.0	55.6	12.4
	07:50 - 07:55	66.6	60.8	68.3	55.6	12.7
	07:55 - 08:00	65.5	60.8	66.7	55.6	11.1
มาตรฐานเสียงรบกวน ^{1/1,2}						10

REMARK :

- ^{1/1} Notification of Office of The National Environmental Board Volume 29 B.E. 2550 (2007)
^{1/2} Notification of Ministry of the Industry B.E. 2548 (2005)
^{1/3} Start Time
^{1/4} Measuring Date and Time : 07-08/03/2026 (Day Time : 09:10 - 09:15, Night Time 03:40 - 03:45)
^{1/5} Measurement Follow The Announcement of The Pollution Control Board B.E. 2565 (2022)
and The Notification of Ministry of the Industry B.E. 2567 (2024)
* Parameter Outside The Scope of The Registration of The Department of Industrial Works
(Measurement By Mr. Seksan Pluemwong)



Approved By.....
(MRS. WANPEN LHAOCHINDAWAT)
23/03/2026

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด
REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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WITHOUT THE WRITTEN APPROVAL LABORATORY

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.**
ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230**
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.**
SAMPLE POINT : วิทยาลัยเทคโนโลยีวิศวกรรมแหลมฉบัง (ด้านทิศใต้ของโครงการ) (AN1)**
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 00230987 : Class 1

SAMPLE NO. : 05678
MEASURING DATE : 12-13/03/2026
RECEIVED DATE : 17/03/2026
REPORTED DATE : 23/03/2026

TIME \ DATE	12-13/03/2026 (L_{eq})	12-13/03/2026 (L_{max})	12-13/03/2026 (L_{90} #)	UNIT
08:00 - 09:00 ^{/3}	67.9	91.9	60.7	dB(A)
09:00 - 10:00	63.6	85.2	59.9	dB(A)
10:00 - 11:00	61.6	80.8	55.6	dB(A)
11:00 - 12:00	63.3	90.3	55.7	dB(A)
12:00 - 13:00	65.4	93.4	56.4	dB(A)
13:00 - 14:00	62.3	86.2	55.5	dB(A)
14:00 - 15:00	62.2	87.9	55.1	dB(A)
15:00 - 16:00	62.6	87.8	54.7	dB(A)
16:00 - 17:00	64.1	86.3	55.7	dB(A)
17:00 - 18:00	66.5	85.6	58.1	dB(A)
18:00 - 19:00	66.7	93.3	57.2	dB(A)
19:00 - 20:00	66.1	85.5	57.5	dB(A)
20:00 - 21:00	67.1	90.5	57.1	dB(A)
21:00 - 22:00	60.3	88.2	54.4	dB(A)
22:00 - 23:00	57.8	76.5	54.3	dB(A)
23:00 - 00:00	57.6	81.9	53.8	dB(A)
00:00 - 01:00	55.7	79.5	53.6	dB(A)
01:00 - 02:00	56.1	81.4	53.4	dB(A)
02:00 - 03:00	54.4	69.2	53.3	dB(A)
03:00 - 04:00	54.9	72.9	53.5	dB(A)
04:00 - 05:00	57.1	75.9	53.5	dB(A)
05:00 - 06:00	60.3	85.9	54.1	dB(A)
06:00 - 07:00	64.0	87.8	56.5	dB(A)
07:00 - 08:00	66.2	85.7	59.7	dB(A)
L_{eq} 24 hr.	63.5	-	-	dB(A)
L_{dn} #	66.7	-	-	dB(A)
Maximum	-	93.4	-	dB(A)
Standard	70 ^{/1,2}	115 ^{/1,2}	-	dB(A)

REMARK : [#] Test Report/Sampling marked 'Not TISI Accredited' in this report are not included in the TISI Accreditation Schedule for our laboratory
^{##} ISO 1996-1:2016, Notification of The Department of Industrial Works on Methods for Measuring Noise Annoyance, Noise Level 24-Hour Average and Maximum Noise Level From Factory B.E. 2567 (2024), Dated February 21, 2024, Notification of The National Environmental Board Volume 15 B.E. 2540 (1997) on The General Noise Level Standards. Dated April 3, 1997, Notification of The Pollution Control Department on The Calculation of The Noise Level, Dated November 25, 1997
^{/1} Notification of The National Environmental Board Volume 15 B.E. 2540 (1997)
^{/2} Notification of Ministry of the Industry B.E. 2548 (2005)
^{/3} Start Time
* Parameter Outside The Scope of The Registration of The Department of Industrial Works.
(Ms. Thanatporn Klinsoon is Section Head, Mrs. Wannan Lhaechindawat is Technical Management)
(Measurement By Mr. Seksan Pluemwong)
** These Data are Non Laboratory Data



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

23/03/2026

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด
REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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WITHOUT THE WRITTEN APPROVAL LABORATORY

Request No. LA69-R0350
Report No. R6903-1143

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.
ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
SAMPLE POINT : วิทยาลัยเทคโนโลยีวิศวกรรมแหลมฉบัง (ด้านทิศใต้ของโครงการ) (AN1)
PARAMETER* : ระดับการรบกวน
DETERMINATION METHOD : ISO 1996-1:2016
INSTRUMENT : Integrated Sound Level Meter
S/N 00230987 : Class 1

SAMPLE NO. : 05678
MEASURING DATE : 12-13/03/2026
RECEIVED DATE : 17/03/2026
REPORTED DATE : 23/03/2026

วัน / เวลา ของระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด		ระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด L _{eq} (dB(A))	ระดับเสียง ⁴ ขณะไม่มี การรบกวน L _{eq} (dB(A))	ระดับเสียงขณะมีการรบกวน ⁵ dB(A)	ระดับเสียงพื้นฐาน ⁴ L ₉₀ (dB(A))	ระดับการรบกวน dB(A)
12/03/2026	08:00 - 08:05 ³	69.3	60.8	71.6	55.6	16.0
	08:05 - 08:10	73.7	60.8	76.5	55.6	20.9
	08:10 - 08:15	68.0	60.8	70.1	55.6	14.5
	08:15 - 08:20	68.1	60.8	70.2	55.6	14.6
	08:20 - 08:25	66.5	60.8	68.1	55.6	12.5
	08:25 - 08:30	65.5	60.8	66.7	55.6	11.1
	08:30 - 08:35	64.1	60.8	64.4	55.6	8.8
	08:35 - 08:40	66.9	60.8	68.7	55.6	13.1
	08:40 - 08:45	65.9	60.8	67.3	55.6	11.7
	08:45 - 08:50	64.2	60.8	64.5	55.6	8.9
	08:50 - 08:55	65.2	60.8	66.2	55.6	10.6
	08:55 - 09:00	65.6	60.8	66.9	55.6	11.3
	09:00 - 09:05	64.7	60.8	65.4	55.6	9.8
	09:05 - 09:10	63.9	60.8	64.0	55.6	8.4
	09:10 - 09:15	62.1	60.8	59.2	55.6	3.6
	09:15 - 09:20	66.9	60.8	68.7	55.6	13.1
	09:20 - 09:25	65.1	60.8	66.1	55.6	10.5
	09:25 - 09:30	63.2	60.8	62.5	55.6	6.9
	09:30 - 09:35	63.6	60.8	63.4	55.6	7.8
	09:35 - 09:40	63.0	60.8	62.0	55.6	6.4
	09:40 - 09:45	62.8	60.8	61.5	55.6	5.9
	09:45 - 09:50	61.3	60.8	54.7	55.6	-0.9
	09:50 - 09:55	62.3	60.8	60.0	55.6	4.4
	09:55 - 10:00	61.1	60.8	52.3	55.6	-3.3
	10:00 - 10:05	63.3	60.8	62.7	55.6	7.1
	10:05 - 10:10	61.1	60.8	52.3	55.6	-3.3
	10:10 - 10:15	60.9	60.8	47.5	55.6	-8.1
	10:15 - 10:20	60.8	60.8	-	55.6	-
	10:20 - 10:25	59.6	60.8	-	55.6	-
	10:25 - 10:30	58.6	60.8	-	55.6	-
มาตรฐานเสียงรบกวน ^{1,2}						10

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Request No. LA69-R0350
Report No. R6903-1143

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.

ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230

SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.

SAMPLE POINT : วิทยาลัยเทคโนโลยีวิศวกรรมแหลมฉบัง (ด้านทิศใต้ของโครงการ) (AN1)

PARAMETER* : ระดับการรบกวน

DETERMINATION METHOD : ISO 1996-1:2016

INSTRUMENT : Integrated Sound Level Meter

SAMPLE NO. : 05678

MEASURING DATE : 12-13/03/2026

RECEIVED DATE : 17/03/2026

REPORTED DATE : 23/03/2026

S/N 00230987 : Class 1

วัน / เวลา ของระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด		ระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด L _{eq} (dB(A))	ระดับเสียง ⁴ ขณะไม่มี การรบกวน L _{eq} (dB(A))	ระดับเสียงขณะมีการรบกวน ⁵ dB(A)	ระดับเสียงพื้นฐาน ⁴ L ₉₀ (dB(A))	ระดับการรบกวน dB(A)
12/03/2026	10:30 - 10:35	60.9	60.8	47.5	55.6	-8.1
	10:35 - 10:40	63.0	60.8	62.0	55.6	6.4
	10:40 - 10:45	62.3	60.8	60.0	55.6	4.4
	10:45 - 10:50	62.4	60.8	60.3	55.6	4.7
	10:50 - 10:55	59.1	60.8	-	55.6	-
	10:55 - 11:00	63.9	60.8	64.0	55.6	8.4
	11:00 - 11:05	63.7	60.8	63.6	55.6	8.0
	11:05 - 11:10	60.2	60.8	-	55.6	-
	11:10 - 11:15	59.0	60.8	-	55.6	-
	11:15 - 11:20	64.3	60.8	64.7	55.6	9.1
	11:20 - 11:25	60.7	60.8	-	55.6	-
	11:25 - 11:30	62.4	60.8	60.3	55.6	4.7
	11:30 - 11:35	68.7	60.8	70.9	55.6	15.3
	11:35 - 11:40	61.4	60.8	55.5	55.6	-0.1
	11:40 - 11:45	61.0	60.8	50.5	55.6	-5.1
	11:45 - 11:50	63.2	60.8	62.5	55.6	6.9
	11:50 - 11:55	62.1	60.8	59.2	55.6	3.6
	11:55 - 12:00	62.9	60.8	61.7	55.6	6.1
	12:00 - 12:05	63.0	60.8	62.0	55.6	6.4
	12:05 - 12:10	68.3	60.8	70.4	55.6	14.8
	12:10 - 12:15	65.7	60.8	67.0	55.6	11.4
	12:15 - 12:20	59.6	60.8	-	55.6	-
	12:20 - 12:25	72.9	60.8	75.6	55.6	20.0
	12:25 - 12:30	61.7	60.8	57.4	55.6	1.8
	12:30 - 12:35	61.8	60.8	57.9	55.6	2.3
	12:35 - 12:40	60.5	60.8	-	55.6	-
	12:40 - 12:45	57.1	60.8	-	55.6	-
	12:45 - 12:50	58.9	60.8	-	55.6	-
	12:50 - 12:55	63.8	60.8	63.8	55.6	8.2
	12:55 - 13:00	58.8	60.8	-	55.6	-
มาตรฐานเสียงรบกวน ^{1,2}						10

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Request No. LA69-R0350

Report No. R6903-1143

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.
ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
SAMPLE POINT : วิทยาลัยเทคโนโลยีวิศวกรรมแหลมฉบัง (ด้านทิศใต้ของโครงการ) (AN1)
PARAMETER* : ระดับการรบกวน
DETERMINATION METHOD : ISO 1996-1:2016
INSTRUMENT : Integrated Sound Level Meter
S/N 00230987 : Class I

SAMPLE NO. : 05678
MEASURING DATE : 12-13/03/2026
RECEIVED DATE : 17/03/2026
REPORTED DATE : 23/03/2026

วัน / เวลา ของระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด		ระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด L_{eq} (dB(A))	ระดับเสียง ^{1/4} ขณะไม่มี การรบกวน L_{eq} (dB(A))	ระดับเสียงขณะมีการรบกวน ⁵ dB(A)	ระดับเสียงพื้นฐาน ⁴ L_{90} (dB(A))	ระดับการรบกวน dB(A)
12/03/2026	13:00 - 13:05	62.8	60.8	61.5	55.6	5.9
	13:05 - 13:10	62.0	60.8	58.8	55.6	3.2
	13:10 - 13:15	62.7	60.8	61.2	55.6	5.6
	13:15 - 13:20	62.2	60.8	59.6	55.6	4.0
	13:20 - 13:25	61.0	60.8	50.5	55.6	-5.1
	13:25 - 13:30	59.5	60.8	-	55.6	-
	13:30 - 13:35	60.4	60.8	-	55.6	-
	13:35 - 13:40	59.1	60.8	-	55.6	-
	13:40 - 13:45	66.9	60.8	68.7	55.6	13.1
	13:45 - 13:50	60.7	60.8	-	55.6	-
	13:50 - 13:55	59.7	60.8	-	55.6	-
	13:55 - 14:00	63.3	60.8	62.7	55.6	7.1
	14:00 - 14:05	60.3	60.8	-	55.6	-
	14:05 - 14:10	62.5	60.8	60.6	55.6	5.0
	14:10 - 14:15	60.8	60.8	-	55.6	-
	14:15 - 14:20	60.6	60.8	-	55.6	-
	14:20 - 14:25	66.0	60.8	67.4	55.6	11.8
	14:25 - 14:30	59.0	60.8	-	55.6	-
	14:30 - 14:35	59.4	60.8	-	55.6	-
	14:35 - 14:40	60.6	60.8	-	55.6	-
	14:40 - 14:45	61.8	60.8	57.9	55.6	2.3
	14:45 - 14:50	65.9	60.8	67.3	55.6	11.7
	14:50 - 14:55	60.9	60.8	47.5	55.6	-8.1
	14:55 - 15:00	61.4	60.8	55.5	55.6	-0.1
	15:00 - 15:05	60.1	60.8	-	55.6	-
	15:05 - 15:10	63.1	60.8	62.2	55.6	6.6
	15:10 - 15:15	61.8	60.8	57.9	55.6	2.3
	15:15 - 15:20	60.0	60.8	-	55.6	-
	15:20 - 15:25	67.7	60.8	69.7	55.6	14.1
	15:25 - 15:30	62.6	60.8	60.9	55.6	5.3
มาตรฐานเสียงรบกวน ^{1/1,2}						10

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Request No. LA69-R0350
Report No. R6903-1143

TEST REPORT

CUSTOMER	: Siam Poongsan Metal Co., Ltd.	SAMPLE NO.	: 05678
ADDRESS	: 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230	MEASURING DATE	: 12-13/03/2026
SAMPLE SOURCE	: Siam Poongsan Metal Co., Ltd.	RECEIVED DATE	: 17/03/2026
SAMPLE POINT	: วิทยาลัยเทคโนโลยีวิศวกรรมแหลมฉบัง (ด้านทิศใต้ของโครงการ) (ANI)	REPORTED DATE	: 23/03/2026
PARAMETER*	: ระดับการรบกวน		
DETERMINATION METHOD	: ISO 1996-1:2016		
INSTRUMENT	: Integrated Sound Level Meter		
	S/N 00230987 : Class I		

วัน / เวลา ของระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด		ระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด L _{eq} (dB(A))	ระดับเสียง ^{1/4} ขณะไม่มี การรบกวน L _{eq} (dB(A))	ระดับเสียงขณะมีการรบกวน ^{1/5} dB(A)	ระดับเสียงพื้นฐาน ^{1/4} L ₉₀ (dB(A))	ระดับการรบกวน dB(A)
12/03/2026	15:30 - 15:35	61.2	60.8	53.6	55.6	-2.0
	15:35 - 15:40	61.5	60.8	56.2	55.6	0.6
	15:40 - 15:45	60.0	60.8	-	55.6	-
	15:45 - 15:50	61.2	60.8	53.6	55.6	-2.0
	15:50 - 15:55	58.9	60.8	-	55.6	-
	15:55 - 16:00	64.6	60.8	65.3	55.6	9.7
	16:00 - 16:05	62.2	60.8	59.6	55.6	4.0
	16:05 - 16:10	62.9	60.8	61.7	55.6	6.1
	16:10 - 16:15	58.7	60.8	-	55.6	-
	16:15 - 16:20	59.4	60.8	-	55.6	-
	16:20 - 16:25	59.1	60.8	-	55.6	-
	16:25 - 16:30	60.6	60.8	-	55.6	-
	16:30 - 16:35	60.6	60.8	-	55.6	-
	16:35 - 16:40	62.5	60.8	60.6	55.6	5.0
	16:40 - 16:45	68.8	60.8	71.1	55.6	15.5
	16:45 - 16:50	67.0	60.8	68.8	55.6	13.2
	16:50 - 16:55	67.4	60.8	69.3	55.6	13.7
	16:55 - 17:00	63.8	60.8	63.8	55.6	8.2
	17:00 - 17:05	65.4	60.8	66.6	55.6	11.0
	17:05 - 17:10	67.0	60.8	68.8	55.6	13.2
	17:10 - 17:15	69.4	60.8	71.8	55.6	16.2
	17:15 - 17:20	67.4	60.8	69.3	55.6	13.7
	17:20 - 17:25	64.5	60.8	65.1	55.6	9.5
	17:25 - 17:30	64.8	60.8	65.6	55.6	10.0
	17:30 - 17:35	64.7	60.8	65.4	55.6	9.8
	17:35 - 17:40	65.2	60.8	66.2	55.6	10.6
	17:40 - 17:45	67.3	60.8	69.2	55.6	13.6
	17:45 - 17:50	64.8	60.8	65.6	55.6	10.0
	17:50 - 17:55	64.1	60.8	64.4	55.6	8.8
	17:55 - 18:00	69.0	60.8	71.3	55.6	15.7
มาตรฐานเสียงรบกวน ^{1/1,2}						10

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Request No. LA69-R0350
Report No. R6903-1143

TEST REPORT

CUSTOMER	: Siam Poongsan Metal Co., Ltd.	SAMPLE NO.	: 05678
ADDRESS	: 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230	MEASURING DATE	: 12-13/03/2026
SAMPLE SOURCE	: Siam Poongsan Metal Co., Ltd.	RECEIVED DATE	: 17/03/2026
SAMPLE POINT	: วิทยาลัยเทคโนโลยีวิศวกรรมแหลมฉบัง (ด้านทิศใต้ของโครงการ) (AN1)	REPORTED DATE	: 23/03/2026
PARAMETER*	: ระดับการรบกวน		
DETERMINATION METHOD	: ISO 1996-1:2016		
INSTRUMENT	: Integrated Sound Level Meter		
	S/N 00230987 : Class 1		

วัน / เวลา ของระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด		ระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด L _{eq} (dB(A))	ระดับเสียง ⁴ ขณะไม่มี การรบกวน L _{eq} (dB(A))	ระดับเสียงขณะมีการรบกวน ⁵ dB(A)	ระดับเสียงพื้นฐาน ⁴ L ₉₀ (dB(A))	ระดับการรบกวน dB(A)
12/03/2026	18:00 - 18:05	69.9	60.8	72.3	55.6	16.7
	18:05 - 18:10	64.6	60.8	65.3	55.6	9.7
	18:10 - 18:15	71.8	60.8	74.4	55.6	18.8
	18:15 - 18:20	64.5	60.8	65.1	55.6	9.5
	18:20 - 18:25	62.8	60.8	61.5	55.6	5.9
	18:25 - 18:30	63.3	60.8	62.7	55.6	7.1
	18:30 - 18:35	62.5	60.8	60.6	55.6	5.0
	18:35 - 18:40	64.5	60.8	65.1	55.6	9.5
	18:40 - 18:45	69.4	60.8	71.8	55.6	16.2
	18:45 - 18:50	65.8	60.8	67.1	55.6	11.5
	18:50 - 18:55	61.6	60.8	56.9	55.6	1.3
	18:55 - 19:00	63.6	60.8	63.4	55.6	7.8
	19:00 - 19:05	63.1	60.8	62.2	55.6	6.6
	19:05 - 19:10	68.1	60.8	70.2	55.6	14.6
	19:10 - 19:15	64.7	60.8	65.4	55.6	9.8
	19:15 - 19:20	62.9	60.8	61.7	55.6	6.1
	19:20 - 19:25	66.3	60.8	67.9	55.6	12.3
	19:25 - 19:30	61.1	60.8	52.3	55.6	-3.3
	19:30 - 19:35	66.8	60.8	68.5	55.6	12.9
	19:35 - 19:40	66.3	60.8	67.9	55.6	12.3
	19:40 - 19:45	66.2	60.8	67.7	55.6	12.1
	19:45 - 19:50	69.2	60.8	71.5	55.6	15.9
	19:50 - 19:55	66.1	60.8	67.6	55.6	12.0
	19:55 - 20:00	66.2	60.8	67.7	55.6	12.1
	20:00 - 20:05	67.9	60.8	70.0	55.6	14.4
	20:05 - 20:10	68.4	60.8	70.6	55.6	15.0
	20:10 - 20:15	71.3	60.8	73.9	55.6	18.3
	20:15 - 20:20	67.7	60.8	69.7	55.6	14.1
	20:20 - 20:25	67.9	60.8	70.0	55.6	14.4
	20:25 - 20:30	65.4	60.8	66.6	55.6	11.0
มาตรฐานเสียงรบกวน ^{1/,2}						10

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WITHOUT THE WRITTEN APPROVAL LABORATORY

Request No. LA69-R0350
Report No. R6903-1143

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.
ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
SAMPLE POINT : วิทยาลัยเทคโนโลยีวิศวกรรมแหลมฉบัง (ด้านทิศใต้ของโครงการ) (AN1)
PARAMETER* : ระดับการรบกวน
DETERMINATION METHOD : ISO 1996-1:2016
INSTRUMENT : Integrated Sound Level Meter
S/N 00230987 : Class 1

SAMPLE NO. : 05678
MEASURING DATE : 12-13/03/2026
RECEIVED DATE : 17/03/2026
REPORTED DATE : 23/03/2026

วัน / เวลา ของระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด		ระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด L _{eq} (dB(A))	ระดับเสียง ¹⁴ ขณะไม่ มีการรบกวน L _{eq} (dB(A))	ระดับเสียงขณะมีการรบกวน ¹⁵ dB(A)	ระดับเสียงพื้นฐาน ¹⁴ L ₉₀ (dB(A))	ระดับการรบกวน dB(A)
12/03/2026	20:30 - 20:35	63.7	60.8	63.6	55.6	8.0
	20:35 - 20:40	64.2	60.8	64.5	55.6	8.9
	20:40 - 20:45	69.2	60.8	71.5	55.6	15.9
	20:45 - 20:50	65.0	60.8	65.9	55.6	10.3
	20:50 - 20:55	63.6	60.8	63.4	55.6	7.8
	20:55 - 21:00	59.3	60.8	-	55.6	-
	21:00 - 21:05	59.7	60.8	-	55.6	-
	21:05 - 21:10	65.5	60.8	66.7	55.6	11.1
	21:10 - 21:15	61.1	60.8	52.3	55.6	-3.3
	21:15 - 21:20	58.9	60.8	-	55.6	-
	21:20 - 21:25	56.1	60.8	-	55.6	-
	21:25 - 21:30	55.3	60.8	-	55.6	-
	21:30 - 21:35	58.8	60.8	-	55.6	-
	21:35 - 21:40	62.0	60.8	58.8	55.6	3.2
	21:40 - 21:45	56.5	60.8	-	55.6	-
	21:45 - 21:50	55.6	60.8	-	55.6	-
	21:50 - 21:55	62.9	60.8	61.7	55.6	6.1
	21:55 - 22:00	56.4	60.8	-	55.6	-
	22:00 - 22:05	59.5	55.1	60.5	53.9	6.6
	22:05 - 22:10	55.6	55.1	49.0	53.9	-4.9
	22:10 - 22:15	58.7	55.1	59.2	53.9	5.3
	22:15 - 22:20	58.9	55.1	59.6	53.9	5.7
	22:20 - 22:25	60.0	55.1	61.3	53.9	7.4
	22:25 - 22:30	57.8	55.1	57.5	53.9	3.6
	22:30 - 22:35	54.7	55.1	-	53.9	-
	22:35 - 22:40	55.9	55.1	51.2	53.9	-2.7
	22:40 - 22:45	55.6	55.1	49.0	53.9	-4.9
	22:45 - 22:50	54.8	55.1	-	53.9	-
	22:50 - 22:55	55.9	55.1	51.2	53.9	-2.7
	22:55 - 23:00	60.5	55.1	62.0	53.9	8.1
มาตรฐานเสียงรบกวน ^{11,12}						10

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Request No. LA69-R0350

Report No. R6903-1143

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.
ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
SAMPLE POINT : วิทยาลัยเทคโนโลยีวิศวกรรมแหลมฉบัง (ด้านทิศใต้ของโครงการ) (AN1)
PARAMETER* : ระดับการรบกวน
DETERMINATION METHOD : ISO 1996-1:2016
INSTRUMENT : Integrated Sound Level Meter
S/N 00230987 : Class 1

SAMPLE NO. : 05678
MEASURING DATE : 12-13/03/2026
RECEIVED DATE : 17/03/2026
REPORTED DATE : 23/03/2026

วัน / เวลา ของระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด		ระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด L_{eq} (dB(A))	ระดับเสียง ⁴ ขณะไม่มี การรบกวน L_{eq} (dB(A))	ระดับเสียงขณะมีการรบกวน ⁵ dB(A)	ระดับเสียงพื้นฐาน ⁴ L_{90} (dB(A))	ระดับการรบกวน dB(A)
12/03/2026	23:00 - 23:05	59.0	55.1	59.7	53.9	5.8
	23:05 - 23:10	57.2	55.1	56.0	53.9	2.1
	23:10 - 23:15	57.8	55.1	57.5	53.9	3.6
	23:15 - 23:20	58.7	55.1	59.2	53.9	5.3
	23:20 - 23:25	55.8	55.1	50.5	53.9	-3.4
	23:25 - 23:30	62.4	55.1	64.5	53.9	10.6
	23:30 - 23:35	55.3	55.1	44.8	53.9	-9.1
	23:35 - 23:40	56.0	55.1	51.7	53.9	-2.2
	23:40 - 23:45	55.8	55.1	50.5	53.9	-3.4
	23:45 - 23:50	55.1	55.1	-	53.9	-
	23:50 - 23:55	55.0	55.1	-	53.9	-
13/03/2026	23:55 - 00:00	55.8	55.1	50.5	53.9	-3.4
	00:00 - 00:05	57.4	55.1	56.5	53.9	2.6
	00:05 - 00:10	55.0	55.1	-	53.9	-
	00:10 - 00:15	56.3	55.1	53.1	53.9	-0.8
	00:15 - 00:20	54.4	55.1	-	53.9	-
	00:20 - 00:25	57.5	55.1	56.8	53.9	2.9
	00:25 - 00:30	54.2	55.1	-	53.9	-
	00:30 - 00:35	55.3	55.1	44.8	53.9	-9.1
	00:35 - 00:40	54.2	55.1	-	53.9	-
	00:40 - 00:45	55.2	55.1	41.8	53.9	-12.1
	00:45 - 00:50	54.5	55.1	-	53.9	-
	00:50 - 00:55	55.4	55.1	46.6	53.9	-7.3
	00:55 - 01:00	57.3	55.1	56.3	53.9	2.4
	01:00 - 01:05	55.1	55.1	-	53.9	-
	01:05 - 01:10	54.3	55.1	-	53.9	-
	01:10 - 01:15	54.5	55.1	-	53.9	-
	01:15 - 01:20	54.8	55.1	-	53.9	-
	01:20 - 01:25	59.7	55.1	60.9	53.9	7.0
	01:25 - 01:30	53.9	55.1	-	53.9	-
มาตรฐานเสียงรบกวน ^{1,2}						10

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Request No. LA69-R0350
Report No. R6903-1143

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.
ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
SAMPLE POINT : วิทยาลัยเทคโนโลยีวิศวกรรมแหลมฉบัง (ด้านทิศใต้ของโครงการ) (ANI)
PARAMETER* : ระดับการรบกวน
DETERMINATION METHOD : ISO 1996-1:2016
INSTRUMENT : Integrated Sound Level Meter
S/N 00230987 : Class 1

SAMPLE NO. : 05678
MEASURING DATE : 12-13/03/2026
RECEIVED DATE : 17/03/2026
REPORTED DATE : 23/03/2026

วัน / เวลา ของระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด		ระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด L_{eq} (dB(A))	ระดับเสียง ^{1/4} ขณะไม่มี การรบกวน L_{eq} (dB(A))	ระดับเสียงขณะมีการรบกวน ⁵ dB(A)	ระดับเสียงพื้นฐาน ⁴ L_{90} (dB(A))	ระดับการรบกวน dB(A)
13/03/2026	01:30 - 01:35	60.1	55.1	61.4	53.9	7.5
	01:35 - 01:40	55.3	55.1	44.8	53.9	-9.1
	01:40 - 01:45	54.5	55.1	-	53.9	-
	01:45 - 01:50	54.6	55.1	-	53.9	-
	01:50 - 01:55	54.1	55.1	-	53.9	-
	01:55 - 02:00	55.5	55.1	47.9	53.9	-6.0
	02:00 - 02:05	53.9	55.1	-	53.9	-
	02:05 - 02:10	53.9	55.1	-	53.9	-
	02:10 - 02:15	55.3	55.1	44.8	53.9	-9.1
	02:15 - 02:20	54.2	55.1	-	53.9	-
	02:20 - 02:25	54.0	55.1	-	53.9	-
	02:25 - 02:30	53.7	55.1	-	53.9	-
	02:30 - 02:35	54.5	55.1	-	53.9	-
	02:35 - 02:40	53.8	55.1	-	53.9	-
	02:40 - 02:45	54.7	55.1	-	53.9	-
	02:45 - 02:50	53.7	55.1	-	53.9	-
	02:50 - 02:55	55.7	55.1	49.8	53.9	-4.1
	02:55 - 03:00	55.1	55.1	-	53.9	-
	03:00 - 03:05	56.3	55.1	53.1	53.9	-0.8
	03:05 - 03:10	54.1	55.1	-	53.9	-
	03:10 - 03:15	54.7	55.1	-	53.9	-
	03:15 - 03:20	54.6	55.1	-	53.9	-
	03:20 - 03:25	54.7	55.1	-	53.9	-
	03:25 - 03:30	54.2	55.1	-	53.9	-
	03:30 - 03:35	55.2	55.1	41.8	53.9	-12.1
	03:35 - 03:40	54.6	55.1	-	53.9	-
	03:40 - 03:45	54.0	55.1	-	53.9	-
	03:45 - 03:50	54.0	55.1	-	53.9	-
	03:50 - 03:55	54.4	55.1	-	53.9	-
	03:55 - 04:00	57.2	55.1	56.0	53.9	2.1
มาตรฐานเสียงรบกวน ^{1,2}						10

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Request No. LA69-R0350
Report No. R6903-1143

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.
ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
SAMPLE POINT : วิทยาลัยเทคโนโลยีวิศวกรรมแหลมฉบัง (ด้านทิศใต้ของโครงการ) (ANI)
PARAMETER* : ระดับการรบกวน
DETERMINATION METHOD : ISO 1996-1:2016
INSTRUMENT : Integrated Sound Level Meter
S/N 00230987 : Class 1

SAMPLE NO. : 05678
MEASURING DATE : 12-13/03/2026
RECEIVED DATE : 17/03/2026
REPORTED DATE : 23/03/2026

วัน / เวลา ของระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด		ระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด L _{eq} (dB(A))	ระดับเสียง ^{/4} ขณะไม่มี การรบกวน L _{eq} (dB(A))	ระดับเสียงขณะมีการรบกวน ⁵ dB(A)	ระดับเสียงพื้นฐาน ^{/4} L ₉₀ (dB(A))	ระดับการรบกวน dB(A)
13/03/2026	04:00 - 04:05	54.5	55.1	-	53.9	-
	04:05 - 04:10	55.7	55.1	49.8	53.9	-4.1
	04:10 - 04:15	55.7	55.1	49.8	53.9	-4.1
	04:15 - 04:20	53.9	55.1	-	53.9	-
	04:20 - 04:25	55.5	55.1	47.9	53.9	-6.0
	04:25 - 04:30	56.6	55.1	54.3	53.9	0.4
	04:30 - 04:35	60.6	55.1	62.2	53.9	8.3
	04:35 - 04:40	59.1	55.1	59.9	53.9	6.0
	04:40 - 04:45	59.4	55.1	60.4	53.9	6.5
	04:45 - 04:50	56.6	55.1	54.3	53.9	0.4
	04:50 - 04:55	53.9	55.1	-	53.9	-
	04:55 - 05:00	56.9	55.1	55.2	53.9	1.3
	05:00 - 05:05	60.5	55.1	62.0	53.9	8.1
	05:05 - 05:10	66.2	55.1	68.8	53.9	14.9
	05:10 - 05:15	60.4	55.1	61.9	53.9	8.0
	05:15 - 05:20	56.5	55.1	53.9	53.9	0.0
	05:20 - 05:25	55.5	55.1	47.9	53.9	-6.0
	05:25 - 05:30	57.3	55.1	56.3	53.9	2.4
	05:30 - 05:35	57.4	55.1	56.5	53.9	2.6
	05:35 - 05:40	59.4	55.1	60.4	53.9	6.5
	05:40 - 05:45	58.6	55.1	59.0	53.9	5.1
	05:45 - 05:50	56.9	55.1	55.2	53.9	1.3
	05:50 - 05:55	60.3	55.1	61.7	53.9	7.8
	05:55 - 06:00	61.5	55.1	63.4	53.9	9.5
	06:00 - 06:05	60.6	60.8	-	55.6	-
	06:05 - 06:10	58.8	60.8	-	55.6	-
	06:10 - 06:15	59.5	60.8	-	55.6	-
	06:15 - 06:20	65.8	60.8	67.1	55.6	11.5
	06:20 - 06:25	60.2	60.8	-	55.6	-
	06:25 - 06:30	61.1	60.8	52.3	55.6	-3.3
มาตรฐานเสียงรบกวน ^{/1,2}						10

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Request No. LA69-R0350
Report No. R6903-1143

TEST REPORT

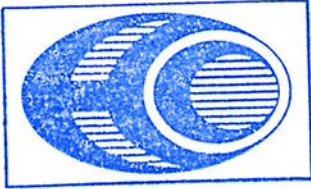
CUSTOMER : Siam Poongsan Metal Co., Ltd.
ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
SAMPLE POINT : วิทยาลัยเทคโนโลยีวิศวกรรมแหลมฉบัง (ด้านทิศใต้ของโครงการ) (ANI)
PARAMETER* : ระดับการรบกวน
DETERMINATION METHOD : ISO 1996-1:2016
INSTRUMENT : Integrated Sound Level Meter
S/N 00230987 : Class I

SAMPLE NO. : 05678
MEASURING DATE : 12-13/03/2026
RECEIVED DATE : 17/03/2026
REPORTED DATE : 23/03/2026

วัน / เวลา ของระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด		ระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด L _{eq} (dB(A))	ระดับเสียง ^{1/4} ขณะไม่มีการรบกวน L _{eq} (dB(A))	ระดับเสียงขณะมีการรบกวน ⁵ dB(A)	ระดับเสียงพื้นฐาน ⁴ L ₉₀ (dB(A))	ระดับการรบกวน dB(A)
13/03/2026	06:30 - 06:35	64.6	60.8	65.3	55.6	9.7
	06:35 - 06:40	63.8	60.8	63.8	55.6	8.2
	06:40 - 06:45	65.9	60.8	67.3	55.6	11.7
	06:45 - 06:50	63.8	60.8	63.8	55.6	8.2
	06:50 - 06:55	68.2	60.8	70.3	55.6	14.7
	06:55 - 07:00	64.5	60.8	65.1	55.6	9.5
	07:00 - 07:05	65.7	60.8	67.0	55.6	11.4
	07:05 - 07:10	65.7	60.8	67.0	55.6	11.4
	07:10 - 07:15	66.7	60.8	68.4	55.6	12.8
	07:15 - 07:20	64.6	60.8	65.3	55.6	9.7
	07:20 - 07:25	65.6	60.8	66.9	55.6	11.3
	07:25 - 07:30	64.5	60.8	65.1	55.6	9.5
	07:30 - 07:35	65.3	60.8	66.4	55.6	10.8
	07:35 - 07:40	65.0	60.8	65.9	55.6	10.3
	07:40 - 07:45	66.1	60.8	67.6	55.6	12.0
	07:45 - 07:50	69.6	60.8	72.0	55.6	16.4
	07:50 - 07:55	67.7	60.8	69.7	55.6	14.1
	07:55 - 08:00	65.0	60.8	65.9	55.6	10.3
มาตรฐานเสียงรบกวน ^{1, 2}						10

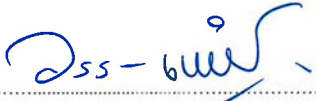
REMARK :

- ^{1/1} Notification of Office of The National Environmental Board Volume 29 B.E. 2550 (2007)
^{1/2} Notification of Ministry of the Industry B.E. 2548 (2005)
^{1/3} Start Time
^{1/4} Measuring Date and Time : 07-08/03/2026 (Day Time : 09:10 - 09:15, Night Time 03:40 - 03:45)
^{1/5} Measurement Follow The Announcement of The Pollution Control Board B.E. 2565 (2022)
and The Notification of Ministry of the Industry B.E. 2567 (2024)
* Parameter Outside The Scope of The Registration of The Department of Industrial Works
(Measurement By Mr. Seksan Pluemwong)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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Approved By: 

(MRS. WANPEN LHAOCHINDAWAT)

23/03/2026

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.**
ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha. Chonburi 20230**
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.**
SAMPLE POINT : วิทยาลัยเทคโนโลยีวิศวกรรมแหลมฉบัง (ด้านทิศใต้ของโครงการ) (AN1)**
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 00230987 : Class 1

SAMPLE NO. : 05679
MEASURING DATE : 13-14/03/2026
RECEIVED DATE : 17/03/2026
REPORTED DATE : 23/03/2026

TIME \ DATE	13-14/03/2026 (L_{eq})	13-14/03/2026 (L_{max})	13-14/03/2026 ($L_{90\#}$)	UNIT
08:00 - 09:00 ¹³	67.4	95.0	58.2	dB(A)
09:00 - 10:00	60.5	78.2	56.0	dB(A)
10:00 - 11:00	61.4	83.5	55.9	dB(A)
11:00 - 12:00	62.1	79.8	55.5	dB(A)
12:00 - 13:00	62.2	86.0	54.8	dB(A)
13:00 - 14:00	62.9	84.8	56.6	dB(A)
14:00 - 15:00	67.5	83.1	63.1	dB(A)
15:00 - 16:00	64.5	79.1	61.3	dB(A)
16:00 - 17:00	66.2	90.5	57.9	dB(A)
17:00 - 18:00	67.6	90.0	58.2	dB(A)
18:00 - 19:00	64.6	83.7	57.2	dB(A)
19:00 - 20:00	66.5	88.3	58.4	dB(A)
20:00 - 21:00	66.8	91.5	57.8	dB(A)
21:00 - 22:00	58.5	79.5	54.7	dB(A)
22:00 - 23:00	57.5	76.3	54.4	dB(A)
23:00 - 00:00	58.0	82.4	54.2	dB(A)
00:00 - 01:00	56.4	80.2	54.2	dB(A)
01:00 - 02:00	55.7	78.3	53.9	dB(A)
02:00 - 03:00	55.8	73.0	53.9	dB(A)
03:00 - 04:00	55.8	73.6	53.7	dB(A)
04:00 - 05:00	57.2	74.6	54.1	dB(A)
05:00 - 06:00	58.6	77.9	54.5	dB(A)
06:00 - 07:00	62.6	87.7	56.2	dB(A)
07:00 - 08:00	66.2	88.7	59.4	dB(A)
L_{eq} 24 hr.	63.6	-	-	dB(A)
$L_{dn\#}$	66.5	-	-	dB(A)
Maximum	-	95.0	-	dB(A)
Standard	70 ^{11,12}	115 ^{11,12}	-	dB(A)

REMARK : [#] Test Report/Sampling marked 'Not TISI Accredited' in this report are not included in the TISI Accreditation Schedule for our laboratory
^{##} ISO 1996-1:2016. Notification of The Department of Industrial Works on Methods for Measuring Noise Annoyance, Noise Level 24-Hour Average and Maximum Noise Level From Factory B.E. 2567 (2024), Dated February 21, 2024, Notification of The National Environmental Board Volume 15 B.E. 2540 (1997) on The General Noise Level Standards, Dated April 3, 1997, Notification of The Pollution Control Department on The Calculation of The Noise Level, Dated November 25, 1997
¹¹ Notification of The National Environmental Board Volume 15 B.E. 2540 (1997)
¹² Notification of Ministry of the Industry B.E. 2548 (2005)
¹³ Start Time
* Parameter Outside The Scope of The Registration of The Department of Industrial Works.
(Ms. Thanatporn Klinsonon is Section Head, Mrs. Wanpen Lhaochindawat is Technical Management)
(Measurement By Mr. Seksan Pluemwong)
** These Data are Non Laboratory Data



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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

23/03/2026

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Request No. LA69-R0350
Report No. R6903-1144

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.

ADDRESS : 38/14 Moo 5 T. Tungasukla A. Sriracha, Chonburi 20230

SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.

SAMPLE POINT : วิทยาลัยเทคโนโลยีวิศวกรรมแหลมฉบัง (ด้านทิศใต้ของโครงการ) (AN1)

PARAMETER* : ระดับการรบกวน

DETERMINATION METHOD : ISO 1996-1:2016

INSTRUMENT : Integrated Sound Level Meter

S/N 00230987 : Class 1

SAMPLE NO. : 05679

MEASURING DATE : 13-14/03/2026

RECEIVED DATE : 17/03/2026

REPORTED DATE : 23/03/2026

วัน / เวลา ของระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด		ระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด L _{eq} (dB(A))	ระดับเสียง ⁴ ขณะไม่มี การรบกวน L _{eq} (dB(A))	ระดับเสียงขณะมีการรบกวน ⁵ dB(A)	ระดับเสียงพื้นฐาน ⁴ L ₉₀ (dB(A))	ระดับการรบกวน dB(A)
13/03/2026	08:00 - 08:05 ³	74.4	60.8	77.2	55.6	21.6
	08:05 - 08:10	68.7	60.8	70.9	55.6	15.3
	08:10 - 08:15	66.3	60.8	67.9	55.6	12.3
	08:15 - 08:20	66.5	60.8	68.1	55.6	12.5
	08:20 - 08:25	64.7	60.8	65.4	55.6	9.8
	08:25 - 08:30	63.3	60.8	62.7	55.6	7.1
	08:30 - 08:35	63.4	60.8	62.9	55.6	7.3
	08:35 - 08:40	64.2	60.8	64.5	55.6	8.9
	08:40 - 08:45	67.4	60.8	69.3	55.6	13.7
	08:45 - 08:50	63.0	60.8	62.0	55.6	6.4
	08:50 - 08:55	62.6	60.8	60.9	55.6	5.3
	08:55 - 09:00	63.7	60.8	63.6	55.6	8.0
	09:00 - 09:05	60.5	60.8	-	55.6	-
	09:05 - 09:10	61.6	60.8	56.9	55.6	1.3
	09:10 - 09:15	61.6	60.8	56.9	55.6	1.3
	09:15 - 09:20	60.2	60.8	-	55.6	-
	09:20 - 09:25	59.0	60.8	-	55.6	-
	09:25 - 09:30	58.6	60.8	-	55.6	-
	09:30 - 09:35	58.4	60.8	-	55.6	-
	09:35 - 09:40	59.7	60.8	-	55.6	-
	09:40 - 09:45	59.7	60.8	-	55.6	-
	09:45 - 09:50	61.5	60.8	56.2	55.6	0.6
	09:50 - 09:55	60.9	60.8	47.5	55.6	-8.1
	09:55 - 10:00	62.4	60.8	60.3	55.6	4.7
	10:00 - 10:05	57.7	60.8	-	55.6	-
	10:05 - 10:10	64.5	60.8	65.1	55.6	9.5
	10:10 - 10:15	61.3	60.8	54.7	55.6	-0.9
	10:15 - 10:20	61.0	60.8	50.5	55.6	-5.1
	10:20 - 10:25	59.6	60.8	-	55.6	-
	10:25 - 10:30	59.6	60.8	-	55.6	-
มาตรฐานเสียงรบกวน ^{1,2}						10

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

Request No. LA69-R0350
Report No. R6903-1144

TEST REPORT

CUSTOMER	: Siam Poongsan Metal Co., Ltd.	SAMPLE NO.	: 05679
ADDRESS	: 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230	MEASURING DATE	: 13-14/03/2026
SAMPLE SOURCE	: Siam Poongsan Metal Co., Ltd.	RECEIVED DATE	: 17/03/2026
SAMPLE POINT	: วิทยาลัยเทคโนโลยีวิศวกรรมแหลมฉบัง (ด้านทิศใต้ของโครงการ) (AN1)	REPORTED DATE	: 23/03/2026
PARAMETER*	: ระดับการรบกวน		
DETERMINATION METHOD	: ISO 1996-1:2016		
INSTRUMENT	: Integrated Sound Level Meter		
	S/N 00230987 : Class I		

วัน / เวลา ของระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด		ระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด L _{eq} (dB(A))	ระดับเสียง ¹⁴ ขณะไม่มี การรบกวน L _{eq} (dB(A))	ระดับเสียงขณะมีการรบกวน ¹⁵ dB(A)	ระดับเสียงพื้นฐาน ¹⁴ L ₉₀ (dB(A))	ระดับการรบกวน dB(A)
13/03/2026	10:30 - 10:35	60.2	60.8	-	55.6	-
	10:35 - 10:40	62.5	60.8	60.6	55.6	5.0
	10:40 - 10:45	60.6	60.8	-	55.6	-
	10:45 - 10:50	59.8	60.8	-	55.6	-
	10:50 - 10:55	62.0	60.8	58.8	55.6	3.2
	10:55 - 11:00	63.1	60.8	62.2	55.6	6.6
	11:00 - 11:05	61.0	60.8	50.5	55.6	-5.1
	11:05 - 11:10	61.4	60.8	55.5	55.6	-0.1
	11:10 - 11:15	59.9	60.8	-	55.6	-
	11:15 - 11:20	63.0	60.8	62.0	55.6	6.4
	11:20 - 11:25	60.7	60.8	-	55.6	-
	11:25 - 11:30	58.7	60.8	-	55.6	-
	11:30 - 11:35	62.0	60.8	58.8	55.6	3.2
	11:35 - 11:40	64.9	60.8	65.8	55.6	10.2
	11:40 - 11:45	61.3	60.8	54.7	55.6	-0.9
	11:45 - 11:50	62.6	60.8	60.9	55.6	5.3
	11:50 - 11:55	64.0	60.8	64.2	55.6	8.6
	11:55 - 12:00	61.4	60.8	55.5	55.6	-0.1
	12:00 - 12:05	63.3	60.8	62.7	55.6	7.1
	12:05 - 12:10	61.6	60.8	56.9	55.6	1.3
	12:10 - 12:15	60.6	60.8	-	55.6	-
	12:15 - 12:20	60.9	60.8	47.5	55.6	-8.1
	12:20 - 12:25	68.7	60.8	70.9	55.6	15.3
	12:25 - 12:30	60.9	60.8	47.5	55.6	-8.1
	12:30 - 12:35	58.9	60.8	-	55.6	-
	12:35 - 12:40	56.9	60.8	-	55.6	-
	12:40 - 12:45	60.8	60.8	-	55.6	-
	12:45 - 12:50	57.2	60.8	-	55.6	-
	12:50 - 12:55	60.7	60.8	-	55.6	-
	12:55 - 13:00	60.9	60.8	47.5	55.6	-8.1
มาตรฐานเสียงรบกวน ^{11,12}						10

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Request No. LA69-R0350
Report No. R6903-1144

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.

ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230

SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.

SAMPLE POINT : วิทยาลัยเทคโนโลยีวิศวกรรมแหลมฉบัง (ด้านทิศใต้ของโครงการ) (AN1)

PARAMETER* : ระดับการรบกวน

DETERMINATION METHOD : ISO 1996-1:2016

INSTRUMENT : Integrated Sound Level Meter

S/N 00230987 : Class 1

SAMPLE NO. : 05679

MEASURING DATE : 13-14/03/2026

RECEIVED DATE : 17/03/2026

REPORTED DATE : 23/03/2026

วัน / เวลา ของระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด		ระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด L _{eq} (dB(A))	ระดับเสียง ⁴ ขณะไม่ มีการรบกวน L _{eq} (dB(A))	ระดับเสียงขณะมีการรบกวน ⁵ dB(A)	ระดับเสียงพื้นฐาน ⁴ L ₉₀ (dB(A))	ระดับการรบกวน dB(A)
13/03/2026	13:00 - 13:05	61.9	60.8	58.4	55.6	2.8
	13:05 - 13:10	59.4	60.8	-	55.6	-
	13:10 - 13:15	59.1	60.8	-	55.6	-
	13:15 - 13:20	61.8	60.8	57.9	55.6	2.3
	13:20 - 13:25	58.7	60.8	-	55.6	-
	13:25 - 13:30	60.4	60.8	-	55.6	-
	13:30 - 13:35	59.7	60.8	-	55.6	-
	13:35 - 13:40	59.3	60.8	-	55.6	-
	13:40 - 13:45	60.4	60.8	-	55.6	-
	13:45 - 13:50	62.7	60.8	61.2	55.6	5.6
	13:50 - 13:55	64.5	60.8	65.1	55.6	9.5
	13:55 - 14:00	69.7	60.8	72.1	55.6	16.5
	14:00 - 14:05	63.2	60.8	62.5	55.6	6.9
	14:05 - 14:10	70.8	60.8	73.3	55.6	17.7
	14:10 - 14:15	64.9	60.8	65.8	55.6	10.2
	14:15 - 14:20	64.1	60.8	64.4	55.6	8.8
	14:20 - 14:25	66.6	60.8	68.3	55.6	12.7
	14:25 - 14:30	74.1	60.8	76.9	55.6	21.3
	14:30 - 14:35	68.7	60.8	70.9	55.6	15.3
	14:35 - 14:40	64.6	60.8	65.3	55.6	9.7
	14:40 - 14:45	63.8	60.8	63.8	55.6	8.2
	14:45 - 14:50	62.0	60.8	58.8	55.6	3.2
	14:50 - 14:55	62.7	60.8	61.2	55.6	5.6
	14:55 - 15:00	62.0	60.8	58.8	55.6	3.2
	15:00 - 15:05	62.7	60.8	61.2	55.6	5.6
	15:05 - 15:10	63.3	60.8	62.7	55.6	7.1
	15:10 - 15:15	64.8	60.8	65.6	55.6	10.0
	15:15 - 15:20	65.0	60.8	65.9	55.6	10.3
	15:20 - 15:25	65.6	60.8	66.9	55.6	11.3
	15:25 - 15:30	64.3	60.8	64.7	55.6	9.1
มาตรฐานเสียงรบกวน ^{1/,2}						10

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Request No. LA69-R0350
Report No. R6903-1144

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.
ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
SAMPLE POINT : วิทยาลัยเทคโนโลยีวิศวกรรมแหลมฉบัง (ด้านทิศใต้ของโครงการ) (AN1)
PARAMETER* : ระดับการรบกวน
DETERMINATION METHOD : ISO 1996-1:2016
INSTRUMENT : Integrated Sound Level Meter
S/N 00230987 : Class 1
SAMPLE NO. : 05679
MEASURING DATE : 13-14/03/2026
RECEIVED DATE : 17/03/2026
REPORTED DATE : 23/03/2026

วัน / เวลา ของระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด		ระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด L _{eq} (dB(A))	ระดับเสียง ⁴ ขณะไม่มี การรบกวน L _{eq} (dB(A))	ระดับเสียงขณะมีการรบกวน ⁵ dB(A)	ระดับเสียงพื้นฐาน ⁴ L ₉₀ (dB(A))	ระดับการรบกวน dB(A)
13/03/2026	15:30 - 15:35	64.3	60.8	64.7	55.6	9.1
	15:35 - 15:40	64.6	60.8	65.3	55.6	9.7
	15:40 - 15:45	64.1	60.8	64.4	55.6	8.8
	15:45 - 15:50	64.9	60.8	65.8	55.6	10.2
	15:50 - 15:55	62.7	60.8	61.2	55.6	5.6
	15:55 - 16:00	66.0	60.8	67.4	55.6	11.8
	16:00 - 16:05	65.4	60.8	66.6	55.6	11.0
	16:05 - 16:10	63.9	60.8	64.0	55.6	8.4
	16:10 - 16:15	64.3	60.8	64.7	55.6	9.1
	16:15 - 16:20	63.7	60.8	63.6	55.6	8.0
	16:20 - 16:25	63.5	60.8	63.2	55.6	7.6
	16:25 - 16:30	66.5	60.8	68.1	55.6	12.5
	16:30 - 16:35	65.1	60.8	66.1	55.6	10.5
	16:35 - 16:40	62.5	60.8	60.6	55.6	5.0
	16:40 - 16:45	70.5	60.8	73.0	55.6	17.4
	16:45 - 16:50	68.1	60.8	70.2	55.6	14.6
	16:50 - 16:55	66.0	60.8	67.4	55.6	11.8
	16:55 - 17:00	67.3	60.8	69.2	55.6	13.6
	17:00 - 17:05	65.9	60.8	67.3	55.6	11.7
	17:05 - 17:10	68.1	60.8	70.2	55.6	14.6
	17:10 - 17:15	69.3	60.8	71.6	55.6	16.0
	17:15 - 17:20	68.9	60.8	71.2	55.6	15.6
	17:20 - 17:25	65.4	60.8	66.6	55.6	11.0
	17:25 - 17:30	66.0	60.8	67.4	55.6	11.8
	17:30 - 17:35	66.6	60.8	68.3	55.6	12.7
	17:35 - 17:40	68.5	60.8	70.7	55.6	15.1
	17:40 - 17:45	70.1	60.8	72.6	55.6	17.0
	17:45 - 17:50	67.8	60.8	69.8	55.6	14.2
	17:50 - 17:55	65.7	60.8	67.0	55.6	11.4
	17:55 - 18:00	65.3	60.8	66.4	55.6	10.8
มาตรฐานเสียงรบกวน ^{1,2}						10

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Request No. LA69-R0350
Report No. R6903-1144

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.
ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
SAMPLE POINT : วิทยาลัยเทคโนโลยีวิศวกรรมแหลมฉบัง (ด้านทิศใต้ของโครงการ) (ANI)
PARAMETER* : ระดับการรบกวน
DETERMINATION METHOD : ISO 1996-1:2016
INSTRUMENT : Integrated Sound Level Meter
S/N 00230987 : Class 1

SAMPLE NO. : 05679
MEASURING DATE : 13-14/03/2026
RECEIVED DATE : 17/03/2026
REPORTED DATE : 23/03/2026

วัน / เวลา ของระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด		ระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด L _{eq} (dB(A))	ระดับเสียง ⁴ ขณะไม่มี การรบกวน L _{eq} (dB(A))	ระดับเสียงขณะมีการรบกวน ⁵ dB(A)	ระดับเสียงพื้นฐาน ⁴ L ₉₀ (dB(A))	ระดับการรบกวน dB(A)
13/03/2026	18:00 - 18:05	68.6	60.8	70.8	55.6	15.2
	18:05 - 18:10	66.7	60.8	68.4	55.6	12.8
	18:10 - 18:15	65.5	60.8	66.7	55.6	11.1
	18:15 - 18:20	64.1	60.8	64.4	55.6	8.8
	18:20 - 18:25	63.0	60.8	62.0	55.6	6.4
	18:25 - 18:30	62.9	60.8	61.7	55.6	6.1
	18:30 - 18:35	61.5	60.8	56.2	55.6	0.6
	18:35 - 18:40	64.9	60.8	65.8	55.6	10.2
	18:40 - 18:45	62.3	60.8	60.0	55.6	4.4
	18:45 - 18:50	61.5	60.8	56.2	55.6	0.6
	18:50 - 18:55	64.9	60.8	65.8	55.6	10.2
	18:55 - 19:00	62.3	60.8	60.0	55.6	4.4
	19:00 - 19:05	63.1	60.8	62.2	55.6	6.6
	19:05 - 19:10	63.5	60.8	63.2	55.6	7.6
	19:10 - 19:15	65.7	60.8	67.0	55.6	11.4
	19:15 - 19:20	64.9	60.8	65.8	55.6	10.2
	19:20 - 19:25	63.8	60.8	63.8	55.6	8.2
	19:25 - 19:30	62.6	60.8	60.9	55.6	5.3
	19:30 - 19:35	66.8	60.8	68.5	55.6	12.9
	19:35 - 19:40	70.4	60.8	72.9	55.6	17.3
	19:40 - 19:45	65.8	60.8	67.1	55.6	11.5
	19:45 - 19:50	69.8	60.8	72.2	55.6	16.6
	19:50 - 19:55	66.5	60.8	68.1	55.6	12.5
	19:55 - 20:00	66.5	60.8	68.1	55.6	12.5
	20:00 - 20:05	65.5	60.8	66.7	55.6	11.1
	20:05 - 20:10	68.8	60.8	71.1	55.6	15.5
	20:10 - 20:15	70.6	60.8	73.1	55.6	17.5
	20:15 - 20:20	71.2	60.8	73.8	55.6	18.2
	20:20 - 20:25	69.4	60.8	71.8	55.6	16.2
	20:25 - 20:30	65.4	60.8	66.6	55.6	11.0
มาตรฐานเสียงรบกวน ^{1,2}						10

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Request No. LA69-R0350
Report No. R6903-1144

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.

ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230

SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.

SAMPLE POINT : วิทยาลัยเทคโนโลยีวิศวกรรมแหลมฉบัง (ด้านทิศใต้ของโครงการ) (ANI)

PARAMETER* : ระดับการรบกวน

DETERMINATION METHOD : ISO 1996-1:2016

INSTRUMENT : Integrated Sound Level Meter
S/N 00230987 : Class I

SAMPLE NO. : 05679

MEASURING DATE : 13-14/03/2026

RECEIVED DATE : 17/03/2026

REPORTED DATE : 23/03/2026

วัน / เวลา ของระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด		ระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด L _{eq} (dB(A))	ระดับเสียง ⁴ ขณะไม่มี การรบกวน L _{eq} (dB(A))	ระดับเสียงขณะมีการรบกวน ⁵ dB(A)	ระดับเสียงพื้นฐาน ⁴ L ₉₀ (dB(A))	ระดับการรบกวน dB(A)
13/03/2026	20:30 - 20:35	63.3	60.8	62.7	55.6	7.1
	20:35 - 20:40	63.5	60.8	63.2	55.6	7.6
	20:40 - 20:45	62.1	60.8	59.2	55.6	3.6
	20:45 - 20:50	61.2	60.8	53.6	55.6	-2.0
	20:50 - 20:55	60.6	60.8	-	55.6	-
	20:55 - 21:00	60.7	60.8	-	55.6	-
	21:00 - 21:05	59.2	60.8	-	55.6	-
	21:05 - 21:10	62.3	60.8	60.0	55.6	4.4
	21:10 - 21:15	61.3	60.8	54.7	55.6	-0.9
	21:15 - 21:20	57.0	60.8	-	55.6	-
	21:20 - 21:25	56.5	60.8	-	55.6	-
	21:25 - 21:30	59.2	60.8	-	55.6	-
	21:30 - 21:35	55.9	60.8	-	55.6	-
	21:35 - 21:40	57.0	60.8	-	55.6	-
	21:40 - 21:45	57.8	60.8	-	55.6	-
	21:45 - 21:50	55.7	60.8	-	55.6	-
	21:50 - 21:55	57.2	60.8	-	55.6	-
	21:55 - 22:00	56.8	60.8	-	55.6	-
	22:00 - 22:05	59.5	55.1	60.5	53.9	6.6
	22:05 - 22:10	58.9	55.1	59.6	53.9	5.7
	22:10 - 22:15	56.6	55.1	54.3	53.9	0.4
	22:15 - 22:20	58.1	55.1	58.1	53.9	4.2
	22:20 - 22:25	55.2	55.1	41.8	53.9	-12.1
	22:25 - 22:30	57.7	55.1	57.2	53.9	3.3
	22:30 - 22:35	58.6	55.1	59.0	53.9	5.1
	22:35 - 22:40	55.5	55.1	47.9	53.9	-6.0
	22:40 - 22:45	56.2	55.1	52.7	53.9	-1.2
	22:45 - 22:50	55.9	55.1	51.2	53.9	-2.7
	22:50 - 22:55	58.5	55.1	58.8	53.9	4.9
	22:55 - 23:00	57.1	55.1	55.8	53.9	1.9
มาตรฐานเสียงรบกวน ^{1,2}						10

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

Request No. LA69-R0350

Report No. R6903-1144

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.
ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
SAMPLE POINT : วิทยาลัยเทคโนโลยีวิศวกรรมแหลมฉบัง (ด้านทิศใต้ของโครงการ) (AN1)
PARAMETER* : ระดับการรบกวน
DETERMINATION METHOD : ISO 1996-1:2016
INSTRUMENT : Integrated Sound Level Meter
S/N 00230987 : Class 1

SAMPLE NO. : 05679
MEASURING DATE : 13-14/03/2026
RECEIVED DATE : 17/03/2026
REPORTED DATE : 23/03/2026

วัน / เวลา ของระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด		ระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด L _{eq} (dB(A))	ระดับเสียง ⁴ ขณะไม่มี การรบกวน L _{eq} (dB(A))	ระดับเสียงขณะมีการรบกวน ⁵ dB(A)	ระดับเสียงพื้นฐาน ⁴ L ₉₀ (dB(A))	ระดับการรบกวน dB(A)
13/03/2026	23:00 - 23:05	56.7	55.1	54.6	53.9	0.7
	23:05 - 23:10	56.2	55.1	52.7	53.9	-1.2
	23:10 - 23:15	55.6	55.1	49.0	53.9	-4.9
	23:15 - 23:20	58.1	55.1	58.1	53.9	4.2
	23:20 - 23:25	55.7	55.1	49.8	53.9	-4.1
	23:25 - 23:30	57.4	55.1	56.5	53.9	2.6
	23:30 - 23:35	55.6	55.1	49.0	53.9	-4.9
	23:35 - 23:40	59.0	55.1	59.7	53.9	5.8
	23:40 - 23:45	56.3	55.1	53.1	53.9	-0.8
	23:45 - 23:50	55.8	55.1	50.5	53.9	-3.4
	23:50 - 23:55	60.3	55.1	61.7	53.9	7.8
	23:55 - 00:00	62.5	55.1	64.6	53.9	10.7
	00:00 - 00:05	56.0	55.1	51.7	53.9	-2.2
14/03/2026	00:05 - 00:10	57.1	55.1	55.8	53.9	1.9
	00:10 - 00:15	55.6	55.1	49.0	53.9	-4.9
	00:15 - 00:20	55.3	55.1	44.8	53.9	-9.1
	00:20 - 00:25	54.7	55.1	-	53.9	-
	00:25 - 00:30	55.9	55.1	51.2	53.9	-2.7
	00:30 - 00:35	59.6	55.1	60.7	53.9	6.8
	00:35 - 00:40	56.4	55.1	53.5	53.9	-0.4
	00:40 - 00:45	55.1	55.1	-	53.9	-
	00:45 - 00:50	58.2	55.1	58.3	53.9	4.4
	00:50 - 00:55	55.1	55.1	-	53.9	-
	00:55 - 01:00	54.8	55.1	-	53.9	-
	01:00 - 01:05	55.4	55.1	46.6	53.9	-7.3
	01:05 - 01:10	54.7	55.1	-	53.9	-
	01:10 - 01:15	54.4	55.1	-	53.9	-
	01:15 - 01:20	56.3	55.1	53.1	53.9	-0.8
	01:20 - 01:25	54.8	55.1	-	53.9	-
	01:25 - 01:30	56.4	55.1	53.5	53.9	-0.4
มาตรฐานเสียงรบกวน ^{1,2}						10

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Request No. LA69-R0350

Report No. R6903-1144

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.
 ADDRESS : 38/14 Moo 5 T. Tung Sukla A. Sriracha, Chonburi 20230
 SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
 SAMPLE POINT : วิทยาลัยเทคโนโลยีวิศวกรรมแหลมฉบัง (ด้านทิศใต้ของโครงการ) (AN1)
 PARAMETER* : ระดับการรบกวน
 DETERMINATION METHOD : ISO 1996-1:2016
 INSTRUMENT : Integrated Sound Level Meter
 S/N 00230987 : Class I

SAMPLE NO. : 05679
 MEASURING DATE : 13-14/03/2026
 RECEIVED DATE : 17/03/2026
 REPORTED DATE : 23/03/2026

วัน / เวลา ของระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด		ระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด L_{eq} (dB(A))	ระดับเสียง ⁴ ขณะไม่มีการรบกวน L_{eq} (dB(A))	ระดับเสียงขณะมีการรบกวน ⁵ dB(A)	ระดับเสียงพื้นฐาน ⁴ L_{90} (dB(A))	ระดับการรบกวน dB(A)
14/03/2026	01:30 - 01:35	54.8	55.1	-	53.9	-
	01:35 - 01:40	55.9	55.1	51.2	53.9	-2.7
	01:40 - 01:45	55.2	55.1	41.8	53.9	-12.1
	01:45 - 01:50	54.7	55.1	-	53.9	-
	01:50 - 01:55	58.8	55.1	59.4	53.9	5.5
	01:55 - 02:00	54.2	55.1	-	53.9	-
	02:00 - 02:05	53.9	55.1	-	53.9	-
	02:05 - 02:10	55.2	55.1	41.8	53.9	-12.1
	02:10 - 02:15	58.0	55.1	57.9	53.9	4.0
	02:15 - 02:20	55.4	55.1	46.6	53.9	-7.3
	02:20 - 02:25	54.3	55.1	-	53.9	-
	02:25 - 02:30	54.9	55.1	-	53.9	-
	02:30 - 02:35	56.3	55.1	53.1	53.9	-0.8
	02:35 - 02:40	54.5	55.1	-	53.9	-
	02:40 - 02:45	54.6	55.1	-	53.9	-
	02:45 - 02:50	57.6	55.1	57.0	53.9	3.1
	02:50 - 02:55	57.1	55.1	55.8	53.9	1.9
	02:55 - 03:00	54.8	55.1	-	53.9	-
	03:00 - 03:05	56.0	55.1	51.7	53.9	-2.2
	03:05 - 03:10	58.5	55.1	58.8	53.9	4.9
	03:10 - 03:15	55.3	55.1	44.8	53.9	-9.1
	03:15 - 03:20	55.1	55.1	-	53.9	-
	03:20 - 03:25	54.4	55.1	-	53.9	-
	03:25 - 03:30	54.8	55.1	-	53.9	-
	03:30 - 03:35	54.7	55.1	-	53.9	-
	03:35 - 03:40	55.0	55.1	-	53.9	-
	03:40 - 03:45	54.6	55.1	-	53.9	-
	03:45 - 03:50	56.0	55.1	51.7	53.9	-2.2
	03:50 - 03:55	57.9	55.1	57.7	53.9	3.8
	03:55 - 04:00	55.1	55.1	-	53.9	-
มาตรฐานเสียงรบกวน ^{1,2}						10

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Request No. LA69-R0350

Report No. R6903-1144

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.
ADDRESS : 38/14 Moo 5 T. Tung Sukla A. Sriracha, Chonburi 20230
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
SAMPLE POINT : วิทยาลัยเทคโนโลยีวิศวกรรมแหลมฉบัง (ด้านทิศใต้ของโครงการ) (AN1)
PARAMETER* : ระดับการรบกวน
DETERMINATION METHOD : ISO 1996-1:2016
INSTRUMENT : Integrated Sound Level Meter
S/N 00230987 : Class 1

SAMPLE NO. : 05679
MEASURING DATE : 13-14/03/2026
RECEIVED DATE : 17/03/2026
REPORTED DATE : 23/03/2026

วัน / เวลา ของระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด		ระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด L_{eq} (dB(A))	ระดับเสียง ⁴ ขณะไม่มี การรบกวน L_{eq} (dB(A))	ระดับเสียงขณะมีการรบกวน ⁵ dB(A)	ระดับเสียงพื้นฐาน ⁴ L_{90} (dB(A))	ระดับการรบกวน dB(A)
14/03/2026	04:00 - 04:05	54.6	55.1	-	53.9	-
	04:05 - 04:10	55.7	55.1	49.8	53.9	-4.1
	04:10 - 04:15	55.9	55.1	51.2	53.9	-2.7
	04:15 - 04:20	54.3	55.1	-	53.9	-
	04:20 - 04:25	54.8	55.1	-	53.9	-
	04:25 - 04:30	54.3	55.1	-	53.9	-
	04:30 - 04:35	57.4	55.1	56.5	53.9	2.6
	04:35 - 04:40	59.9	55.1	61.2	53.9	7.3
	04:40 - 04:45	59.8	55.1	61.0	53.9	7.1
	04:45 - 04:50	59.6	55.1	60.7	53.9	6.8
	04:50 - 04:55	56.5	55.1	53.9	53.9	0.0
	04:55 - 05:00	57.4	55.1	56.5	53.9	2.6
	05:00 - 05:05	59.8	55.1	61.0	53.9	7.1
	05:05 - 05:10	61.4	55.1	63.2	53.9	9.3
	05:10 - 05:15	60.4	55.1	61.9	53.9	8.0
	05:15 - 05:20	57.2	55.1	56.0	53.9	2.1
	05:20 - 05:25	59.0	55.1	59.7	53.9	5.8
	05:25 - 05:30	56.0	55.1	51.7	53.9	-2.2
	05:30 - 05:35	56.7	55.1	54.6	53.9	0.7
	05:35 - 05:40	57.1	55.1	55.8	53.9	1.9
	05:40 - 05:45	57.4	55.1	56.5	53.9	2.6
	05:45 - 05:50	58.1	55.1	58.1	53.9	4.2
	05:50 - 05:55	59.4	55.1	60.4	53.9	6.5
	05:55 - 06:00	56.0	55.1	51.7	53.9	-2.2
	06:00 - 06:05	57.6	60.8	-	55.6	-
	06:05 - 06:10	60.0	60.8	-	55.6	-
	06:10 - 06:15	57.9	60.8	-	55.6	-
	06:15 - 06:20	58.7	60.8	-	55.6	-
	06:20 - 06:25	62.5	60.8	60.6	55.6	5.0
	06:25 - 06:30	61.4	60.8	55.5	55.6	-0.1
มาตรฐานเสียงรบกวน ^{1,2}						10

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Request No. LA69-R0350
Report No. R6903-1144

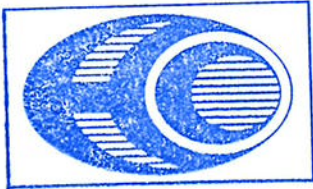
TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.
ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
SAMPLE POINT : วิทยาลัยเทคโนโลยีวิศวกรรมแหลมฉบัง (ด้านทิศใต้ของโครงการ) (AN1)
PARAMETER* : ระดับการรบกวน
DETERMINATION METHOD : ISO 1996-1:2016
INSTRUMENT : Integrated Sound Level Meter
S/N 00230987 : Class 1
SAMPLE NO. : 05679
MEASURING DATE : 13-14/03/2026
RECEIVED DATE : 17/03/2026
REPORTED DATE : 23/03/2026

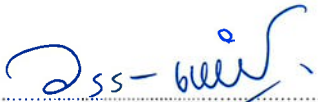
วัน / เวลา ของระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด		ระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด L _{eq} (dB(A))	ระดับเสียง ^{1/4} ขณะไม่มี การรบกวน L _{eq} (dB(A))	ระดับเสียงขณะมีการรบกวน ⁵ dB(A)	ระดับเสียงพื้นฐาน ⁴ L ₉₀ (dB(A))	ระดับการรบกวน dB(A)
14/03/2026	06:30 - 06:35	62.4	60.8	60.3	55.6	4.7
	06:35 - 06:40	62.8	60.8	61.5	55.6	5.9
	06:40 - 06:45	68.5	60.8	70.7	55.6	15.1
	06:45 - 06:50	62.0	60.8	58.8	55.6	3.2
	06:50 - 06:55	63.4	60.8	62.9	55.6	7.3
	06:55 - 07:00	60.9	60.8	47.5	55.6	-8.1
	07:00 - 07:05	68.7	60.8	70.9	55.6	15.3
	07:05 - 07:10	66.4	60.8	68.0	55.6	12.4
	07:10 - 07:15	67.4	60.8	69.3	55.6	13.7
	07:15 - 07:20	64.3	60.8	64.7	55.6	9.1
	07:20 - 07:25	66.1	60.8	67.6	55.6	12.0
	07:25 - 07:30	63.3	60.8	62.7	55.6	7.1
	07:30 - 07:35	64.5	60.8	65.1	55.6	9.5
	07:35 - 07:40	63.3	60.8	62.7	55.6	7.1
	07:40 - 07:45	68.0	60.8	70.1	55.6	14.5
	07:45 - 07:50	66.9	60.8	68.7	55.6	13.1
	07:50 - 07:55	66.1	60.8	67.6	55.6	12.0
	07:55 - 08:00	64.9	60.8	65.8	55.6	10.2
มาตรฐานเสียงรบกวน ^{1,2}						10

REMARK :

- ^{1/1} Notification of Office of The National Environmental Board Volume 29 B.E. 2550 (2007)
^{1/2} Notification of Ministry of the Industry B.E. 2548 (2005)
^{1/3} Start Time
^{1/4} Measuring Date and Time : 07-08/03/2026 (Day Time : 09:10 - 09:15, Night Time 03:40 - 03:45)
^{1/5} Measurement Follow The Announcement of The Pollution Control Board B.E. 2565 (2022)
and The Notification of Ministry of the Industry B.E. 2567 (2024)
* Parameter Outside The Scope of The Registration of The Department of Industrial Works
(Measurement By Mr. Seksan Pluemwong)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By: 
(MRS. WANPEN LHAOCHINDAWAT)

23/03/2026

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TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.**
ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230**
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.**
SAMPLE POINT : วิทยาลัยเทคโนโลยีวิศวกรรมแหลมฉบัง (ด้านทิศใต้ของโครงการ) (ANI)**
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 00230987 : Class I

SAMPLE NO. : 05680
MEASURING DATE : 14-15/03/2026
RECEIVED DATE : 17/03/2026
REPORTED DATE : 23/03/2026

TIME \ DATE	14-15/03/2026 (L_{eq})	14-15/03/2026 (L_{max})	14-15/03/2026 (L_{90})#	UNIT
08:00 - 09:00 ¹³	67.0	91.9	58.4	dB(A)
09:00 - 10:00	60.9	83.0	56.5	dB(A)
10:00 - 11:00	60.7	77.1	57.4	dB(A)
11:00 - 12:00	61.2	86.2	54.4	dB(A)
12:00 - 13:00	60.1	83.6	53.5	dB(A)
13:00 - 14:00	60.1	88.9	54.1	dB(A)
14:00 - 15:00	58.5	79.0	54.0	dB(A)
15:00 - 16:00	62.9	92.5	55.9	dB(A)
16:00 - 17:00	64.3	91.0	54.9	dB(A)
17:00 - 18:00	65.3	86.7	55.7	dB(A)
18:00 - 19:00	62.9	82.9	55.5	dB(A)
19:00 - 20:00	65.6	90.7	56.0	dB(A)
20:00 - 21:00	66.6	91.6	55.6	dB(A)
21:00 - 22:00	57.4	80.2	53.8	dB(A)
22:00 - 23:00	57.3	80.8	54.0	dB(A)
23:00 - 00:00	55.6	69.0	53.8	dB(A)
00:00 - 01:00	55.3	73.0	53.5	dB(A)
01:00 - 02:00	54.9	70.8	53.5	dB(A)
02:00 - 03:00	55.7	73.4	53.6	dB(A)
03:00 - 04:00	55.7	76.2	53.5	dB(A)
04:00 - 05:00	59.8	85.6	53.6	dB(A)
05:00 - 06:00	58.6	82.3	54.1	dB(A)
06:00 - 07:00	59.2	82.1	55.6	dB(A)
07:00 - 08:00	62.4	84.3	56.9	dB(A)
L_{eq} 24 hr.	61.9	-	-	dB(A)
L_{dn} #	65.2	-	-	dB(A)
Maximum	-	92.5	-	dB(A)
Standard	70 ^{11,12}	115 ^{11,12}	-	dB(A)

REMARK : [#] Test Report/Sampling marked 'Not TISI Accredited' in this report are not included in the TISI Accreditation Schedule for our laboratory
^{##} ISO 1996-1:2016, Notification of The Department of Industrial Works on Methods for Measuring Noise Annoyance, Noise Level 24-Hour Average and Maximum Noise Level From Factory B.E. 2567 (2024), Dated February 21, 2024, Notification of The National Environmental Board Volume 15 B.E. 2540 (1997) on The General Noise Level Standards, Dated April 3, 1997, Notification of The Pollution Control Department on The Calculation of The Noise Level, Dated November 25, 1997
¹¹ Notification of The National Environmental Board Volume 15 B.E. 2540 (1997)
¹² Notification of Ministry of the Industry B.E. 2548 (2005)
¹³ Start Time
* Parameter Outside The Scope of The Registration of The Department of Industrial Works
(Ms. Thanatporn Klinsoon is Section Head, Mrs. Wanpen Lhaochindawat is Technical Management)
(Measurement By Mr. Seksan Pluemwong)
** These Data are Non Laboratory Data



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

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

23/03/2026

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Request No. LA69-R0350
Report No. R6903-1145

TEST REPORT

CUSTOMER	: Siam Poongsan Metal Co., Ltd.	SAMPLE NO.	: 05680
ADDRESS	: 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230	MEASURING DATE	: 14-15/03/2026
SAMPLE SOURCE	: Siam Poongsan Metal Co., Ltd.	RECEIVED DATE	: 17/03/2026
SAMPLE POINT	: วิทยาลัยเทคโนโลยีวิศวกรรมแหลมฉบัง (ด้านทิศใต้ของโครงการ) (ANI)	REPORTED DATE	: 23/03/2026
PARAMETER*	: ระดับการรบกวน		
DETERMINATION METHOD	: ISO 1996-1:2016		
INSTRUMENT	: Integrated Sound Level Meter		
	S/N 00230987 : Class 1		

วัน / เวลา ของระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด		ระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด L _{eq} (dB(A))	ระดับเสียง ⁴ ขณะไม่มี การรบกวน L _{eq} (dB(A))	ระดับเสียงขณะมีการรบกวน ⁵ dB(A)	ระดับเสียงพื้นฐาน ⁴ L ₉₀ (dB(A))	ระดับการรบกวน dB(A)
14/03/2026	08:00 - 08:05 ³	67.5	60.8	69.5	55.6	13.9
	08:05 - 08:10	67.8	60.8	69.8	55.6	14.2
	08:10 - 08:15	73.5	60.8	76.3	55.6	20.7
	08:15 - 08:20	67.5	60.8	69.5	55.6	13.9
	08:20 - 08:25	66.6	60.8	68.3	55.6	12.7
	08:25 - 08:30	63.1	60.8	62.2	55.6	6.6
	08:30 - 08:35	64.2	60.8	64.5	55.6	8.9
	08:35 - 08:40	60.9	60.8	47.5	55.6	-8.1
	08:40 - 08:45	64.9	60.8	65.8	55.6	10.2
	08:45 - 08:50	65.3	60.8	66.4	55.6	10.8
	08:50 - 08:55	63.1	60.8	62.2	55.6	6.6
	08:55 - 09:00	61.5	60.8	56.2	55.6	0.6
	09:00 - 09:05	61.1	60.8	52.3	55.6	-3.3
	09:05 - 09:10	61.3	60.8	54.7	55.6	-0.9
	09:10 - 09:15	63.0	60.8	62.0	55.6	6.4
	09:15 - 09:20	60.5	60.8	-	55.6	-
	09:20 - 09:25	62.0	60.8	58.8	55.6	3.2
	09:25 - 09:30	57.5	60.8	-	55.6	-
	09:30 - 09:35	59.2	60.8	-	55.6	-
	09:35 - 09:40	62.3	60.8	60.0	55.6	4.4
	09:40 - 09:45	61.8	60.8	57.9	55.6	2.3
	09:45 - 09:50	59.6	60.8	-	55.6	-
	09:50 - 09:55	60.4	60.8	-	55.6	-
	09:55 - 10:00	58.9	60.8	-	55.6	-
	10:00 - 10:05	61.2	60.8	53.6	55.6	-2.0
	10:05 - 10:10	62.6	60.8	60.9	55.6	5.3
	10:10 - 10:15	59.4	60.8	-	55.6	-
	10:15 - 10:20	60.7	60.8	-	55.6	-
	10:20 - 10:25	62.2	60.8	59.6	55.6	4.0
	10:25 - 10:30	59.6	60.8	-	55.6	-
มาตรฐานเสียงรบกวน ^{1,2}						10

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

Request No. LA69-R0350

Report No. R6903-1145

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.
ADDRESS : 38/14 Moo 5 T. Tung Sukla A. Sriracha, Chonburi 20230
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
SAMPLE POINT : วิทยาลัยเทคโนโลยีวิศวกรรมแหลมฉบัง (ด้านทิศใต้ของโครงการ) (AN1)
PARAMETER* : ระดับการรบกวน
DETERMINATION METHOD : ISO 1996-1:2016
INSTRUMENT : Integrated Sound Level Meter
S/N 00230987 : Class 1

SAMPLE NO. : 05680
MEASURING DATE : 14-15/03/2026
RECEIVED DATE : 17/03/2026
REPORTED DATE : 23/03/2026

วัน / เวลา		ระดับเสียง	ระดับเสียง ^{/4}		ระดับเสียงพื้นฐาน ^{/4}	ระดับการรบกวน
ของระดับเสียง		ขณะเกิดเสียง	ขณะไม่มี	ระดับเสียงขณะมีการรบกวน ^{/5}		
ขณะเกิดเสียง		ของแหล่งกำเนิด	การรบกวน	dB(A)	L ₉₀ (dB(A))	dB(A)
ของแหล่งกำเนิด		L _{eq} (dB(A))	L _{eq} (dB(A))			
14/03/2026	10:30 - 10:35	60.9	60.8	47.5	55.6	-8.1
	10:35 - 10:40	61.0	60.8	50.5	55.6	-5.1
	10:40 - 10:45	62.7	60.8	61.2	55.6	5.6
	10:45 - 10:50	59.7	60.8	-	55.6	-
	10:50 - 10:55	57.2	60.8	-	55.6	-
	10:55 - 11:00	58.1	60.8	-	55.6	-
	11:00 - 11:05	60.0	60.8	-	55.6	-
	11:05 - 11:10	64.2	60.8	64.5	55.6 ⁺	8.9
	11:10 - 11:15	61.3	60.8	54.7	55.6	-0.9
	11:15 - 11:20	61.6	60.8	56.9	55.6	1.3
	11:20 - 11:25	58.0	60.8	-	55.6	-
	11:25 - 11:30	59.6	60.8	-	55.6	-
	11:30 - 11:35	63.2	60.8	62.5	55.6	6.9
	11:35 - 11:40	59.8	60.8	-	55.6	-
	11:40 - 11:45	57.4	60.8	-	55.6	-
	11:45 - 11:50	61.9	60.8	58.4	55.6	2.8
	11:50 - 11:55	58.7	60.8	-	55.6	-
	11:55 - 12:00	62.6	60.8	60.9	55.6	5.3
	12:00 - 12:05	60.9	60.8	47.5	55.6	-8.1
	12:05 - 12:10	60.0	60.8	-	55.6	-
	12:10 - 12:15	56.0	60.8	-	55.6	-
	12:15 - 12:20	63.6	60.8	63.4	55.6	7.8
	12:20 - 12:25	64.9	60.8	65.8	55.6	10.2
	12:25 - 12:30	58.2	60.8	-	55.6	-
	12:30 - 12:35	56.9	60.8	-	55.6	-
	12:35 - 12:40	56.3	60.8	-	55.6	-
	12:40 - 12:45	55.8	60.8	-	55.6	-
	12:45 - 12:50	61.2	60.8	53.6	55.6	-2.0
12:50 - 12:55	57.3	60.8	-	55.6 ⁺	-	
12:55 - 13:00	56.1	60.8	-	55.6	-	
มาตรฐานเสียงรบกวน ^{/1, /2}						10

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY

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Request No. LA69-R0350
Report No. R6903-1145

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.
ADDRESS : 38/14 Moo 5 T. Tungasukla A. Sriracha, Chonburi 20230
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
SAMPLE POINT : วิทยาลัยเทคโนโลยีวิศวกรรมแหลมฉบัง (ด้านทิศใต้ของโครงการ) (AN1)
PARAMETER* : ระดับการรบกวน
DETERMINATION METHOD : ISO 1996-1:2016
INSTRUMENT : Integrated Sound Level Meter
S/N 00230987 : Class 1
SAMPLE NO. : 05680
MEASURING DATE : 14-15/03/2026
RECEIVED DATE : 17/03/2026
REPORTED DATE : 23/03/2026

วัน / เวลา ของระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด		ระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด L _{eq} (dB(A))	ระดับเสียง ^{1/4} ขณะไม่มี การรบกวน L _{eq} (dB(A))	ระดับเสียงขณะมีการรบกวน ⁵ dB(A)	ระดับเสียงพื้นฐาน ⁴ L ₉₀ (dB(A))	ระดับการรบกวน dB(A)
14/03/2026	13:00 - 13:05	63.2	60.8	62.5	55.6	6.9
	13:05 - 13:10	57.8	60.8	-	55.6	-
	13:10 - 13:15	60.1	60.8	-	55.6	-
	13:15 - 13:20	55.9	60.8	-	55.6	-
	13:20 - 13:25	58.4	60.8	-	55.6	-
	13:25 - 13:30	57.7	60.8	-	55.6	-
	13:30 - 13:35	57.8	60.8	-	55.6	-
	13:35 - 13:40	58.5	60.8	-	55.6	-
	13:40 - 13:45	58.4	60.8	-	55.6	-
	13:45 - 13:50	57.6	60.8	-	55.6	-
	13:50 - 13:55	60.2	60.8	-	55.6	-
	13:55 - 14:00	65.3	60.8	66.4	55.6	10.8
	14:00 - 14:05	57.0	60.8	-	55.6	-
	14:05 - 14:10	57.2	60.8	-	55.6	-
	14:10 - 14:15	57.7	60.8	-	55.6	-
	14:15 - 14:20	57.2	60.8	-	55.6	-
	14:20 - 14:25	57.5	60.8	-	55.6	-
	14:25 - 14:30	60.0	60.8	-	55.6	-
	14:30 - 14:35	56.5	60.8	-	55.6	-
	14:35 - 14:40	62.9	60.8	61.7	55.6	6.1
	14:40 - 14:45	56.8	60.8	-	55.6	-
	14:45 - 14:50	57.6	60.8	-	55.6	-
	14:50 - 14:55	58.0	60.8	-	55.6	-
	14:55 - 15:00	58.9	60.8	-	55.6	-
	15:00 - 15:05	57.7	60.8	-	55.6	-
	15:05 - 15:10	66.3	60.8	67.9	55.6	12.3
	15:10 - 15:15	60.6	60.8	-	55.6	-
	15:15 - 15:20	69.1	60.8	71.4	55.6	15.8
	15:20 - 15:25	58.6	60.8	-	55.6	-
	15:25 - 15:30	61.1	60.8	52.3	55.6	-3.3
มาตรฐานเสียงรบกวน ^{1,2}						10

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Request No. LA69-R0350

Report No. R6903-1145

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.
ADDRESS : 38/14 Moo 5 T. Tung Sukla A. Sriracha, Chonburi 20230
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
SAMPLE POINT : วิทยาลัยเทคโนโลยีวิศวกรรมแหลมฉบัง (ด้านทิศใต้ของโครงการ) (ANI)
PARAMETER* : ระดับการรบกวน
DETERMINATION METHOD : ISO 1996-1:2016
INSTRUMENT : Integrated Sound Level Meter
S/N 00230987 : Class 1

SAMPLE NO. : 05680
MEASURING DATE : 14-15/03/2026
RECEIVED DATE : 17/03/2026
REPORTED DATE : 23/03/2026

วัน / เวลา ของระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด		ระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด L _{eq} (dB(A))	ระดับเสียง ⁴ ขณะไม่มี การรบกวน L _{eq} (dB(A))	ระดับเสียงขณะมีการรบกวน ⁵ dB(A)	ระดับเสียงพื้นฐาน ⁴ L ₉₀ (dB(A))	ระดับการรบกวน dB(A)
14/03/2026	15:30 - 15:35	60.4	60.8	-	55.6	-
	15:35 - 15:40	63.2	60.8	62.5	55.6	6.9
	15:40 - 15:45	61.9	60.8	58.4	55.6	2.8
	15:45 - 15:50	59.1	60.8	-	55.6	-
	15:50 - 15:55	58.8	60.8	-	55.6	-
	15:55 - 16:00	59.4	60.8	-	55.6	-
	16:00 - 16:05	59.3	60.8	-	55.6	-
	16:05 - 16:10	65.7	60.8	67.0	55.6	11.4
	16:10 - 16:15	59.1	60.8	-	55.6	-
	16:15 - 16:20	58.9	60.8	-	55.6	-
	16:20 - 16:25	70.1	60.8	72.6	55.6	17.0
	16:25 - 16:30	62.3	60.8	60.0	55.6	4.4
	16:30 - 16:35	62.6	60.8	60.9	55.6	5.3
	16:35 - 16:40	65.0	60.8	65.9	55.6	10.3
	16:40 - 16:45	64.8	60.8	65.6	55.6	10.0
	16:45 - 16:50	61.8	60.8	57.9	55.6	2.3
	16:50 - 16:55	63.9	60.8	64.0	55.6	8.4
	16:55 - 17:00	63.2	60.8	62.5	55.6	6.9
	17:00 - 17:05	69.8	60.8	72.2	55.6	16.6
	17:05 - 17:10	70.1	60.8	72.6	55.6	17.0
	17:10 - 17:15	67.0	60.8	68.8	55.6	13.2
	17:15 - 17:20	66.5	60.8	68.1	55.6	12.5
	17:20 - 17:25	62.6	60.8	60.9	55.6	5.3
	17:25 - 17:30	62.0	60.8	58.8	55.6	3.2
	17:30 - 17:35	59.8	60.8	-	55.6	-
	17:35 - 17:40	63.2	60.8	62.5	55.6	6.9
	17:40 - 17:45	62.7	60.8	61.2	55.6	5.6
	17:45 - 17:50	61.0	60.8	50.5	55.6	-5.1
	17:50 - 17:55	58.3	60.8	-	55.6	-
	17:55 - 18:00	59.6	60.8	-	55.6	-
มาตรฐานเสียงรบกวน ^{1,2}						10

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Request No. LA69-R0350
Report No. R6903-I145

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.

ADDRESS : 38/14 Moo 5 T. Tungasukla A. Sriracha, Chonburi 20230

SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.

SAMPLE POINT : วิทยาลัยเทคโนโลยีวิศวกรรมแหลมฉบัง (ด้านทิศใต้ของโครงการ) (AN1)

PARAMETER* : ระดับการรบกวน

DETERMINATION METHOD : ISO 1996-1:2016

INSTRUMENT : Integrated Sound Level Meter

S/N 00230987 : Class 1

SAMPLE NO. : 05680

MEASURING DATE : 14-15/03/2026

RECEIVED DATE : 17/03/2026

REPORTED DATE : 23/03/2026

วัน / เวลา ของระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด		ระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด L _{eq} (dB(A))	ระดับเสียง ⁴ ขณะไม่มี การรบกวน L _{eq} (dB(A))	ระดับเสียงขณะมีการรบกวน ⁵ dB(A)	ระดับเสียงพื้นฐาน ⁴ L ₉₀ (dB(A))	ระดับการรบกวน dB(A)
14/03/2026	18:00 - 18:05	67.7	60.8	69.7	55.6	14.1
	18:05 - 18:10	64.1	60.8	64.4	55.6	8.8
	18:10 - 18:15	61.5	60.8	56.2	55.6	0.6
	18:15 - 18:20	58.6	60.8	-	55.6	-
	18:20 - 18:25	61.4	60.8	55.5	55.6	-0.1
	18:25 - 18:30	60.0	60.8	-	55.6	-
	18:30 - 18:35	60.9	60.8	47.5	55.6	-8.1
	18:35 - 18:40	64.3	60.8	64.7	55.6	9.1
	18:40 - 18:45	63.5	60.8	63.2	55.6	7.6
	18:45 - 18:50	61.9	60.8	58.4	55.6	2.8
	18:50 - 18:55	62.2	60.8	59.6	55.6	4.0
	18:55 - 19:00	60.0	60.8	-	55.6	-
	19:00 - 19:05	61.1	60.8	52.3	55.6	-3.3
	19:05 - 19:10	63.1	60.8	62.2	55.6	6.6
	19:10 - 19:15	66.9	60.8	68.7	55.6	13.1
	19:15 - 19:20	65.4	60.8	66.6	55.6	11.0
	19:20 - 19:25	61.7	60.8	57.4	55.6	1.8
	19:25 - 19:30	61.5	60.8	56.2	55.6	0.6
	19:30 - 19:35	71.7	60.8	74.3	55.6	18.7
	19:35 - 19:40	63.7	60.8	63.6	55.6	8.0
	19:40 - 19:45	67.1	60.8	68.9	55.6	13.3
	19:45 - 19:50	64.8	60.8	65.6	55.6	10.0
	19:50 - 19:55	62.8	60.8	61.5	55.6	5.9
	19:55 - 20:00	62.4	60.8	60.3	55.6	4.7
	20:00 - 20:05	72.7	60.8	75.4	55.6	19.8
	20:05 - 20:10	72.5	60.8	75.2	55.6	19.6
	20:10 - 20:15	67.2	60.8	69.1	55.6	13.5
	20:15 - 20:20	64.1	60.8	64.4	55.6	8.8
	20:20 - 20:25	59.8	60.8	-	55.6	-
	20:25 - 20:30	60.9	60.8	47.5	55.6	-8.1
มาตรฐานเสียงรบกวน ^{1,2}						10

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WITHOUT THE WRITTEN APPROVAL LABORATORY

Request No. LA69-R0350

Report No. R6903-1145

TEST REPORT

CUSTOMER	: Siam Poongsan Metal Co., Ltd.	SAMPLE NO.	: 05680
ADDRESS	: 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230	MEASURING DATE	: 14-15/03/2026
SAMPLE SOURCE	: Siam Poongsan Metal Co., Ltd.	RECEIVED DATE	: 17/03/2026
SAMPLE POINT	: วิทยาลัยเทคโนโลยีวิศวกรรมแหลมฉบัง (ด้านทิศใต้ของโครงการ) (AN1)	REPORTED DATE	: 23/03/2026
PARAMETER*	: ระดับการรบกวน		
DETERMINATION METHOD	: ISO 1996-1:2016		
INSTRUMENT	: Integrated Sound Level Meter		
	S/N 00230987 : Class 1		

วัน / เวลา ของระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด		ระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด L _{eq} (dB(A))	ระดับเสียง ⁴ ขณะไม่มี การรบกวน L _{eq} (dB(A))	ระดับเสียงขณะมีการรบกวน ⁵ dB(A)	ระดับเสียงพื้นฐาน ⁴ L ₉₀ (dB(A))	ระดับการรบกวน dB(A)
14/03/2026	20:30 - 20:35	59.7	60.8	-	55.6	-
	20:35 - 20:40	62.6	60.8	60.9	55.6	5.3
	20:40 - 20:45	61.3	60.8	54.7	55.6	-0.9
	20:45 - 20:50	63.4	60.8	62.9	55.6	7.3
	20:50 - 20:55	59.6	60.8	-	55.6	-
	20:55 - 21:00	58.3	60.8	-	55.6	-
	21:00 - 21:05	62.2	60.8	59.6	55.6	4.0
	21:05 - 21:10	60.4	60.8	-	55.6	-
	21:10 - 21:15	56.0	60.8	-	55.6	-
	21:15 - 21:20	56.7	60.8	-	55.6	-
	21:20 - 21:25	55.1	60.8	-	55.6	-
	21:25 - 21:30	55.0	60.8	-	55.6	-
	21:30 - 21:35	56.1	60.8	-	55.6	-
	21:35 - 21:40	56.6	60.8	-	55.6	-
	21:40 - 21:45	55.1	60.8	-	55.6	-
	21:45 - 21:50	55.1	60.8	-	55.6	-
	21:50 - 21:55	57.1	60.8	-	55.6	-
	21:55 - 22:00	54.7	60.8	-	55.6	-
	22:00 - 22:05	59.2	55.1	60.1	53.9	6.2
	22:05 - 22:10	57.7	55.1	57.2	53.9	3.3
	22:10 - 22:15	55.4	55.1	46.6	53.9	-7.3
	22:15 - 22:20	55.0	55.1	-	53.9	-
	22:20 - 22:25	54.9	55.1	-	53.9	-
	22:25 - 22:30	61.6	55.1	63.5	53.9	9.6
	22:30 - 22:35	55.5	55.1	47.9	53.9	-6.0
	22:35 - 22:40	55.3	55.1	44.8	53.9	-9.1
	22:40 - 22:45	56.2	55.1	52.7	53.9	-1.2
	22:45 - 22:50	56.4	55.1	53.5	53.9	-0.4
	22:50 - 22:55	57.7	55.1	57.2	53.9	3.3
	22:55 - 23:00	56.3	55.1	53.1	53.9	-0.8
มาตรฐานเสียงรบกวน ^{1/,2}						10

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

TEST REPORT

CUSTOMER	: Siam Poongsan Metal Co., Ltd.	SAMPLE NO.	: 05680
ADDRESS	: 38/14 Moo 5 T. Tungasukla A. Sriracha, Chonburi 20230	MEASURING DATE	: 14-15/03/2026
SAMPLE SOURCE	: Siam Poongsan Metal Co., Ltd.	RECEIVED DATE	: 17/03/2026
SAMPLE POINT	: วิทยาลัยเทคโนโลยีวิศวกรรมแหลมฉบัง (ด้านทิศใต้ของโครงการ) (AN1)	REPORTED DATE	: 23/03/2026
PARAMETER*	: ระดับการรบกวน		
DETERMINATION METHOD	: ISO 1996-1:2016		
INSTRUMENT	: Integrated Sound Level Meter		
	S/N 00230987 : Class 1		

วัน / เวลา ของระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด		ระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด L _{eq} (dB(A))	ระดับเสียง ⁴ ขณะไม่มี การรบกวน L _{eq} (dB(A))	ระดับเสียงขณะมีการรบกวน ⁵ dB(A)	ระดับเสียงพื้นฐาน ⁴ L ₉₀ (dB(A))	ระดับการรบกวน dB(A)
14/03/2026	23:00 - 23:05	55.3	55.1	44.8	53.9	-9.1
	23:05 - 23:10	57.2	55.1	56.0	53.9	2.1
	23:10 - 23:15	56.1	55.1	52.2	53.9	-1.7
	23:15 - 23:20	55.1	55.1	-	53.9	-
	23:20 - 23:25	54.4	55.1	-	53.9	-
	23:25 - 23:30	55.5	55.1	47.9	53.9	-6.0
	23:30 - 23:35	56.2	55.1	52.7	53.9	-1.2
	23:35 - 23:40	55.3	55.1	44.8	53.9	-9.1
	23:40 - 23:45	55.6	55.1	49.0	53.9	-4.9
	23:45 - 23:50	55.3	55.1	44.8	53.9	-9.1
	23:50 - 23:55	55.8	55.1	50.5	53.9	-3.4
	23:55 - 00:00	55.2	55.1	41.8	53.9	-12.1
15/03/2026	00:00 - 00:05	56.2	55.1	52.7	53.9	-1.2
	00:05 - 00:10	57.9	55.1	57.7	53.9	3.8
	00:10 - 00:15	55.8	55.1	50.5	53.9	-3.4
	00:15 - 00:20	55.1	55.1	-	53.9	-
	00:20 - 00:25	54.0	55.1	-	53.9	-
	00:25 - 00:30	55.1	55.1	-	53.9	-
	00:30 - 00:35	54.8	55.1	-	53.9	-
	00:35 - 00:40	54.6	55.1	-	53.9	-
	00:40 - 00:45	55.1	55.1	-	53.9	-
	00:45 - 00:50	55.1	55.1	-	53.9	-
	00:50 - 00:55	54.2	55.1	-	53.9	-
	00:55 - 01:00	54.4	55.1	-	53.9	-
	01:00 - 01:05	54.5	55.1	-	53.9	-
	01:05 - 01:10	54.9	55.1	-	53.9	-
	01:10 - 01:15	54.1	55.1	-	53.9	-
	01:15 - 01:20	54.8	55.1	-	53.9	-
	01:20 - 01:25	54.1	55.1	-	53.9	-
	01:25 - 01:30	55.1	55.1	-	53.9	-
มาตรฐานเสียงรบกวน ^{1,2}						10

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

Request No. LA69-R0350

Report No. R6903-1145

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.
 ADDRESS : 38/14 Moo 5 T. Tung Sukla A. Sriracha, Chonburi 20230
 SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
 SAMPLE POINT : วิทยาลัยเทคโนโลยีวิศวกรรมแหลมฉบัง (ด้านทิศใต้ของโครงการ) (AN1)
 PARAMETER* : ระดับการรบกวน
 DETERMINATION METHOD : ISO 1996-1:2016
 INSTRUMENT : Integrated Sound Level Meter
 S/N 00230987 : Class 1

SAMPLE NO. : 05680
 MEASURING DATE : 14-15/03/2026
 RECEIVED DATE : 17/03/2026
 REPORTED DATE : 23/03/2026

วัน / เวลา ของระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด		ระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด L _{eq} (dB(A))	ระดับเสียง ⁴ ขณะไม่มี การรบกวน L _{eq} (dB(A))	ระดับเสียงขณะมีการรบกวน ⁵ dB(A)	ระดับเสียงพื้นฐาน ⁴ L ₉₀ (dB(A))	ระดับการรบกวน dB(A)
15/03/2026	01:30 - 01:35	56.2	55.1	52.7	53.9	-1.2
	01:35 - 01:40	55.9	55.1	51.2	53.9	-2.7
	01:40 - 01:45	55.9	55.1	51.2	53.9	-2.7
	01:45 - 01:50	54.2	55.1	-	53.9	-
	01:50 - 01:55	53.6	55.1	-	53.9	-
	01:55 - 02:00	54.0	55.1	-	53.9	-
	02:00 - 02:05	54.6	55.1	-	53.9	-
	02:05 - 02:10	57.6	55.1	57.0	53.9	3.1
	02:10 - 02:15	56.4	55.1	53.5	53.9	-0.4
	02:15 - 02:20	56.0	55.1	51.7	53.9	-2.2
	02:20 - 02:25	54.8	55.1	-	53.9	-
	02:25 - 02:30	55.1	55.1	-	53.9	-
	02:30 - 02:35	57.6	55.1	57.0	53.9	3.1
	02:35 - 02:40	54.7	55.1	-	53.9	-
	02:40 - 02:45	56.1	55.1	52.2	53.9	-1.7
	02:45 - 02:50	54.1	55.1	-	53.9	-
	02:50 - 02:55	54.3	55.1	-	53.9	-
	02:55 - 03:00	55.3	55.1	44.8	53.9	-9.1
	03:00 - 03:05	54.9	55.1	-	53.9	-
	03:05 - 03:10	53.9	55.1	-	53.9	-
	03:10 - 03:15	54.2	55.1	-	53.9	-
	03:15 - 03:20	60.3	55.1	61.7	53.9	7.8
	03:20 - 03:25	54.5	55.1	-	53.9	-
	03:25 - 03:30	55.4	55.1	46.6	53.9	-7.3
	03:30 - 03:35	54.7	55.1	-	53.9	-
	03:35 - 03:40	55.7	55.1	49.8	53.9	-4.1
	03:40 - 03:45	54.7	55.1	-	53.9	-
	03:45 - 03:50	56.7	55.1	54.6	53.9	0.7
	03:50 - 03:55	53.9	55.1	-	53.9	-
	03:55 - 04:00	53.9	55.1	-	53.9	-
มาตรฐานเสียงรบกวน ^{1,2}						10

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Request No. LA69-R0350
Report No. R6903-1145

TEST REPORT

CUSTOMER	: Siam Poongsan Metal Co., Ltd.	SAMPLE NO.	: 05680
ADDRESS	: 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230	MEASURING DATE	: 14-15/03/2026
SAMPLE SOURCE	: Siam Poongsan Metal Co., Ltd.	RECEIVED DATE	: 17/03/2026
SAMPLE POINT	: วิทยาลัยเทคโนโลยีวิศวกรรมแหลมฉบัง (ด้านทิศใต้ของโครงการ) (AN1)	REPORTED DATE	: 23/03/2026
PARAMETER*	: ระดับการรบกวน		
DETERMINATION METHOD	: ISO 1996-1:2016		
INSTRUMENT	: Integrated Sound Level Meter		
	S/N 00230987 : Class 1		

วัน / เวลา ของระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด		ระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด L _{eq} (dB(A))	ระดับเสียง ⁴ ขณะไม่มี การรบกวน L _{eq} (dB(A))	ระดับเสียงขณะมีการรบกวน ⁵ dB(A)	ระดับเสียงพื้นฐาน ⁴ L ₉₀ (dB(A))	ระดับการรบกวน dB(A)
15/03/2026	04:00 - 04:05	55.7	55.1	49.8	53.9	-4.1
	04:05 - 04:10	53.8	55.1	-	53.9	-
	04:10 - 04:15	54.2	55.1	-	53.9	-
	04:15 - 04:20	55.7	55.1	49.8	53.9	-4.1
	04:20 - 04:25	65.5	55.1	68.1	53.9	14.2
	04:25 - 04:30	55.7	55.1	49.8	53.9	-4.1
	04:30 - 04:35	61.1	55.1	62.8	53.9	8.9
	04:35 - 04:40	59.0	55.1	59.7	53.9	5.8
	04:40 - 04:45	64.9	55.1	67.4	53.9	13.5
	04:45 - 04:50	56.1	55.1	52.2	53.9	-1.7
	04:50 - 04:55	55.8	55.1	50.5	53.9	-3.4
	04:55 - 05:00	55.8	55.1	50.5	53.9	-3.4
	05:00 - 05:05	64.0	55.1	66.4	53.9	12.5
	05:05 - 05:10	61.5	55.1	63.4	53.9	9.5
	05:10 - 05:15	58.7	55.1	59.2	53.9	5.3
	05:15 - 05:20	57.7	55.1	57.2	53.9	3.3
	05:20 - 05:25	55.0	55.1	-	53.9	-
	05:25 - 05:30	54.8	55.1	-	53.9	-
	05:30 - 05:35	55.5	55.1	47.9	53.9	-6.0
	05:35 - 05:40	56.7	55.1	54.6	53.9	0.7
	05:40 - 05:45	56.7	55.1	54.6	53.9	0.7
	05:45 - 05:50	55.5	55.1	47.9	53.9	-6.0
	05:50 - 05:55	57.7	55.1	57.2	53.9	3.3
	05:55 - 06:00	57.1	55.1	55.8	53.9	1.9
	06:00 - 06:05	56.6	60.8	-	55.6	-
	06:05 - 06:10	57.4	60.8	-	55.6	-
	06:10 - 06:15	57.0	60.8	-	55.6	-
	06:15 - 06:20	58.9	60.8	-	55.6	-
	06:20 - 06:25	56.9	60.8	-	55.6	-
	06:25 - 06:30	59.1	60.8	-	55.6	-
มาตรฐานเสียงรบกวน ^{1,2}						10

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TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.
ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
SAMPLE POINT : วิทยาลัยเทคโนโลยีวิศวกรรมแหลมฉบัง (ด้านทิศใต้ของโครงการ) (AN1)
PARAMETER* : ระดับการรบกวน
DETERMINATION METHOD : ISO 1996-1:2016
INSTRUMENT : Integrated Sound Level Meter
S/N 00230987 : Class I

SAMPLE NO. : 05680
MEASURING DATE : 14-15/03/2026
RECEIVED DATE : 17/03/2026
REPORTED DATE : 23/03/2026

วัน / เวลา ของระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด		ระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด L _{eq} (dB(A))	ระดับเสียง ^{/4} ขณะไม่มี การรบกวน L _{eq} (dB(A))	ระดับเสียงขณะมีการรบกวน ^{/5} dB(A)	ระดับเสียงพื้นฐาน ^{/4} L ₉₀ (dB(A))	ระดับการรบกวน dB(A)
15/03/2026	06:30 - 06:35	58.1	60.8	-	55.6	-
	06:35 - 06:40	62.5	60.8	60.6	55.6	5.0
	06:40 - 06:45	59.0	60.8	-	55.6	-
	06:45 - 06:50	59.1	60.8	-	55.6	-
	06:50 - 06:55	61.0	60.8	50.5	55.6	-5.1
	06:55 - 07:00	60.0	60.8	-	55.6	-
	07:00 - 07:05	63.0	60.8	62.0	55.6	6.4
	07:05 - 07:10	63.7	60.8	63.6	55.6	8.0
	07:10 - 07:15	63.5	60.8	63.2	55.6	7.6
	07:15 - 07:20	61.3	60.8	54.7	55.6	-0.9
	07:20 - 07:25	60.6	60.8	-	55.6	-
	07:25 - 07:30	59.9	60.8	-	55.6	-
	07:30 - 07:35	61.2	60.8	53.6	55.6	-2.0
	07:35 - 07:40	61.8	60.8	57.9	55.6	2.3
	07:40 - 07:45	62.9	60.8	61.7	55.6	6.1
	07:45 - 07:50	62.9	60.8	61.7	55.6	6.1
	07:50 - 07:55	64.6	60.8	65.3	55.6	9.7
	07:55 - 08:00	61.0	60.8	50.5	55.6	-5.1
มาตรฐานเสียงรบกวน ^{/1,2}						10

REMARK :

^{/1} Notification of Office of The National Environmental Board Volume 29 B.E. 2550 (2007)

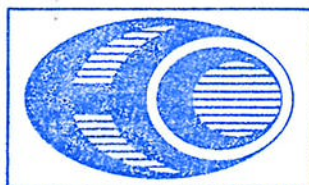
^{/2} Notification of Ministry of the Industry B.E. 2548 (2005)

^{/3} Start Time

^{/4} Measuring Date and Time : 07-08/03/2026 (Day Time : 09:10 - 09:15, Night Time 03:40 - 03:45)

^{/5} Measurement Follow The Announcement of The Pollution Control Board B.E. 2565 (2022)
and The Notification of Ministry of the Industry B.E. 2567 (2024)

* Parameter Outside The Scope of The Registration of The Department of Industrial Works
(Measurement By Mr. Seksan Pluemwong)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By 
(MRS. WANPEN LHAOCHINDAWAT)

23/03/2026

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TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.**
ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230**
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.**
SAMPLE POINT : วิทยาลัยเทคโนโลยีวิศวกรรมแหลมฉบัง (ด้านทิศใต้ของโครงการ) (AN1)**
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 00230987 : Class 1

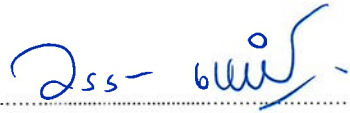
SAMPLE NO. : 05681
MEASURING DATE : 15-16/03/2026
RECEIVED DATE : 17/03/2026
REPORTED DATE : 23/03/2026

TIME \ DATE	15-16/03/2026 (L_{eq})	15-16/03/2026 (L_{max})	15-16/03/2026 ($L_{90\#}$)	UNIT
08:00 - 09:00 ³	64.2	84.3	56.3	dB(A)
09:00 - 10:00	58.6	82.6	54.3	dB(A)
10:00 - 11:00	57.6	77.6	54.3	dB(A)
11:00 - 12:00	57.7	78.2	53.9	dB(A)
12:00 - 13:00	56.4	75.5	53.2	dB(A)
13:00 - 14:00	55.4	75.6	52.6	dB(A)
14:00 - 15:00	57.5	80.2	53.0	dB(A)
15:00 - 16:00	56.9	76.9	53.4	dB(A)
16:00 - 17:00	57.3	79.5	53.1	dB(A)
17:00 - 18:00	60.7	84.6	53.9	dB(A)
18:00 - 19:00	58.2	77.5	53.9	dB(A)
19:00 - 20:00	62.4	87.2	54.7	dB(A)
20:00 - 21:00	63.7	90.0	54.5	dB(A)
21:00 - 22:00	55.3	70.6	53.8	dB(A)
22:00 - 23:00	56.2	79.2	53.7	dB(A)
23:00 - 00:00	55.3	74.5	53.9	dB(A)
00:00 - 01:00	55.7	79.5	53.7	dB(A)
01:00 - 02:00	55.3	74.6	54.0	dB(A)
02:00 - 03:00	55.2	70.5	54.2	dB(A)
03:00 - 04:00	55.5	71.0	54.7	dB(A)
04:00 - 05:00	57.9	84.5	54.8	dB(A)
05:00 - 06:00	57.7	76.8	55.7	dB(A)
06:00 - 07:00	62.9	83.5	57.6	dB(A)
07:00 - 08:00	67.5	90.6	60.1	dB(A)
L_{eq} 24 hr.	60.0	-	-	dB(A)
$L_{dn\#}$	64.8	-	-	dB(A)
Maximum	-	90.6	-	dB(A)
Standard	70 ^{1,2}	115 ^{1,2}	-	dB(A)

REMARK : [#] Test Report/Sampling marked 'Not TISI Accredited' in this report are not included in the TISI Accreditation Schedule for our laboratory
^{##} ISO 1996-1:2016, Notification of The Department of Industrial Works on Methods for Measuring Noise Annoyance, Noise Level 24-Hour Average and Maximum Noise Level From Factory B.E. 2567 (2024), Dated February 21, 2024. Notification of The National Environmental Board Volume 15 B.E. 2540 (1997) on The General Noise Level Standards, Dated April 3, 1997. Notification of The Pollution Control Department on The Calculation of The Noise Level, Dated November 25, 1997
¹ Notification of The National Environmental Board Volume 15 B.E. 2540 (1997)
² Notification of Ministry of the Industry B.E. 2548 (2005)
³ Start Time
* Parameter Outside The Scope of The Registration of The Department of Industrial Works.
(Ms. Thanatporn Klinsoon is Section Head, Mrs. Wanpen Lhaochindawat is Technical Management)
(Measurement By Mr. Seksan Pluemwong)
** These Data are Non Laboratory Data



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By: 
(MRS. WANPEN LHAOCHINDAWAT)

23/03/2026

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WITHOUT THE WRITTEN APPROVAL LABORATORY

Request No. LA69-R0350

Report No. R6903-1146

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.
 ADDRESS : 38/14 Moo 5 T. Tungskula A. Sriracha, Chonburi 20230
 SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
 SAMPLE POINT : วิทยาลัยเทคโนโลยีวิศวกรรมแหลมฉบัง (ด้านทิศใต้ของโครงการ) (AN1)
 PARAMETER* : ระดับการรบกวน
 DETERMINATION METHOD : ISO 1996-1:2016
 INSTRUMENT : Integrated Sound Level Meter
 S/N 00230987 : Class 1

SAMPLE NO. : 05681
 MEASURING DATE : 15-16/03/2026
 RECEIVED DATE : 17/03/2026
 REPORTED DATE : 23/03/2026

วัน / เวลา	ระดับเสียง ขณะระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด	ระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด L _{eq} (dB(A))	ระดับเสียง ^{1/4} ขณะไม่มี การรบกวน L _{eq} (dB(A))	ระดับเสียงขณะมีการรบกวน ^{1/5} dB(A)	ระดับเสียงพื้นฐาน ^{1/4} L ₉₀ (dB(A))	ระดับการรบกวน dB(A)
15/03/2026	08:00 - 08:05 ^{1/3}	65.6	60.8	66.9	55.6	11.3
	08:05 - 08:10	64.6	60.8	65.3	55.6	9.7
	08:10 - 08:15	65.9	60.8	67.3	55.6	11.7
	08:15 - 08:20	59.8	60.8	-	55.6	-
	08:20 - 08:25	61.4	60.8	55.5	55.6	-0.1
	08:25 - 08:30	60.7	60.8	-	55.6	-
	08:30 - 08:35	64.5	60.8	65.1	55.6	9.5
	08:35 - 08:40	65.7	60.8	67.0	55.6	11.4
	08:40 - 08:45	65.4	60.8	66.6	55.6	11.0
	08:45 - 08:50	60.7	60.8	-	55.6	-
	08:50 - 08:55	66.6	60.8	68.3	55.6	12.7
	08:55 - 09:00	63.0	60.8	62.0	55.6	6.4
	09:00 - 09:05	59.2	60.8	-	55.6	-
	09:05 - 09:10	63.0	60.8	62.0	55.6	6.4
	09:10 - 09:15	57.7	60.8	-	55.6	-
	09:15 - 09:20	62.5	60.8	60.6	55.6	5.0
	09:20 - 09:25	55.7	60.8	-	55.6	-
	09:25 - 09:30	57.5	60.8	-	55.6	-
	09:30 - 09:35	56.2	60.8	-	55.6	-
	09:35 - 09:40	55.9	60.8	-	55.6	-
	09:40 - 09:45	55.4	60.8	-	55.6	-
	09:45 - 09:50	56.5	60.8	-	55.6	-
	09:50 - 09:55	57.7	60.8	-	55.6	-
	09:55 - 10:00	56.6	60.8	-	55.6	-
	10:00 - 10:05	56.4	60.8	-	55.6	-
	10:05 - 10:10	56.0	60.8	-	55.6	-
	10:10 - 10:15	58.3	60.8	-	55.6	-
	10:15 - 10:20	57.4	60.8	-	55.6	-
	10:20 - 10:25	56.3	60.8	-	55.6	-
	10:25 - 10:30	57.0	60.8	-	55.6	-
มาตรฐานเสียงรบกวน ^{1/1,2}						10

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

Request No. LA69-R0350
Report No. R6903-1146

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.

ADDRESS : 38/14 Moo 5 T. Tungskula A. Sriracha, Chonburi 20230

SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.

SAMPLE POINT : วิทยาลัยเทคโนโลยีวิศวกรรมแหลมฉบัง (ด้านทิศใต้ของโครงการ) (ANI)

PARAMETER* : ระดับการรบกวน

DETERMINATION METHOD : ISO 1996-1:2016

INSTRUMENT : Integrated Sound Level Meter

S/N 00230987 : Class 1

SAMPLE NO. : 05681

MEASURING DATE : 15-16/03/2026

RECEIVED DATE : 17/03/2026

REPORTED DATE : 23/03/2026

วัน / เวลา ของระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด		ระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด L _{eq} (dB(A))	ระดับเสียง ⁴ ขณะไม่มี การรบกวน L _{eq} (dB(A))	ระดับเสียงขณะมีการรบกวน ⁵ dB(A)	ระดับเสียงพื้นฐาน ⁴ L ₉₀ (dB(A))	ระดับการรบกวน dB(A)
15/03/2026	10:30 - 10:35	59.5	60.8	-	55.6	-
	10:35 - 10:40	60.1	60.8	-	55.6	-
	10:40 - 10:45	56.9	60.8	-	55.6	-
	10:45 - 10:50	58.9	60.8	-	55.6	-
	10:50 - 10:55	56.5	60.8	-	55.6	-
	10:55 - 11:00	55.5	60.8	-	55.6	-
	11:00 - 11:05	58.5	60.8	-	55.6	-
	11:05 - 11:10	57.6	60.8	-	55.6	-
	11:10 - 11:15	59.9	60.8	-	55.6	-
	11:15 - 11:20	55.3	60.8	-	55.6	-
	11:20 - 11:25	57.6	60.8	-	55.6	-
	11:25 - 11:30	57.7	60.8	-	55.6	-
	11:30 - 11:35	58.9	60.8	-	55.6	-
	11:35 - 11:40	56.1	60.8	-	55.6	-
	11:40 - 11:45	57.7	60.8	-	55.6	-
	11:45 - 11:50	56.6	60.8	-	55.6	-
	11:50 - 11:55	58.4	60.8	-	55.6	-
	11:55 - 12:00	55.3	60.8	-	55.6	-
	12:00 - 12:05	57.0	60.8	-	55.6	-
	12:05 - 12:10	55.2	60.8	-	55.6	-
	12:10 - 12:15	54.2	60.8	-	55.6	-
	12:15 - 12:20	58.8	60.8	-	55.6	-
	12:20 - 12:25	56.6	60.8	-	55.6	-
	12:25 - 12:30	57.8	60.8	-	55.6	-
	12:30 - 12:35	54.8	60.8	-	55.6	-
	12:35 - 12:40	57.7	60.8	-	55.6	-
	12:40 - 12:45	56.5	60.8	-	55.6	-
	12:45 - 12:50	55.8	60.8	-	55.6	-
	12:50 - 12:55	55.4	60.8	-	55.6	-
	12:55 - 13:00	54.7	60.8	-	55.6	-
มาตรฐานเสียงรบกวน ^{1/,2}						10

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Request No. LA69-R0350

Report No. R6903-I146

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.
ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
SAMPLE POINT : วิทยาลัยเทคโนโลยีวิศวกรรมแหลมฉบัง (ด้านทิศใต้ของโครงการ) (AN1)
PARAMETER* : ระดับการรบกวน
DETERMINATION METHOD : ISO 1996-1:2016
INSTRUMENT : Integrated Sound Level Meter
S/N 00230987 : Class 1

SAMPLE NO. : 05681
MEASURING DATE : 15-16/03/2026
RECEIVED DATE : 17/03/2026
REPORTED DATE : 23/03/2026

วัน / เวลา	ระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด	ระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด L_{eq} (dB(A))	ระดับเสียง ^{/4} ขณะไม่มี การรบกวน L_{eq} (dB(A))	ระดับเสียงขณะมีการรบกวน ^{/5} dB(A)	ระดับเสียงพื้นฐาน ^{/4} L_{90} (dB(A))	ระดับการรบกวน dB(A)
15/03/2026	13:00 - 13:05	56.1	60.8	-	55.6	-
	13:05 - 13:10	54.1	60.8	-	55.6	-
	13:10 - 13:15	54.2	60.8	-	55.6	-
	13:15 - 13:20	54.2	60.8	-	55.6	-
	13:20 - 13:25	57.4	60.8	-	55.6	-
	13:25 - 13:30	55.3	60.8	-	55.6	-
	13:30 - 13:35	54.7	60.8	-	55.6	-
	13:35 - 13:40	55.6	60.8	-	55.6	-
	13:40 - 13:45	54.2	60.8	-	55.6	-
	13:45 - 13:50	55.4	60.8	-	55.6	-
	13:50 - 13:55	57.6	60.8	-	55.6	-
	13:55 - 14:00	54.0	60.8	-	55.6	-
	14:00 - 14:05	57.3	60.8	-	55.6	-
	14:05 - 14:10	54.8	60.8	-	55.6	-
	14:10 - 14:15	60.9	60.8	47.5	55.6	-8.1
	14:15 - 14:20	56.8	60.8	-	55.6	-
	14:20 - 14:25	54.8	60.8	-	55.6	-
	14:25 - 14:30	59.6	60.8	-	55.6	-
	14:30 - 14:35	54.0	60.8	-	55.6	-
	14:35 - 14:40	59.3	60.8	-	55.6	-
	14:40 - 14:45	57.0	60.8	-	55.6	-
	14:45 - 14:50	56.2	60.8	-	55.6	-
	14:50 - 14:55	58.2	60.8	-	55.6	-
	14:55 - 15:00	55.6	60.8	-	55.6	-
	15:00 - 15:05	55.7	60.8	-	55.6	-
	15:05 - 15:10	55.7	60.8	-	55.6	-
	15:10 - 15:15	58.6	60.8	-	55.6	-
	15:15 - 15:20	55.6	60.8	-	55.6	-
	15:20 - 15:25	56.8	60.8	-	55.6	-
	15:25 - 15:30	55.8	60.8	-	55.6	-
มาตรฐานเสียงรบกวน ^{/1,2}						10

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Request No. LA69-R0350

Report No. R6903-1146

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.
ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
SAMPLE POINT : วิทยาลัยเทคโนโลยีวิศวกรรมแหลมฉบัง (ด้านทิศใต้ของโครงการ) (AN1)
PARAMETER* : ระดับการรบกวน
DETERMINATION METHOD : ISO 1996-1:2016
INSTRUMENT : Integrated Sound Level Meter
S/N 00230987 : Class 1

SAMPLE NO. : 05681
MEASURING DATE : 15-16/03/2026
RECEIVED DATE : 17/03/2026
REPORTED DATE : 23/03/2026

วัน / เวลา ของระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด		ระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด L_{eq} (dB(A))	ระดับเสียง ⁴ ขณะไม่มี การรบกวน L_{eq} (dB(A))	ระดับเสียงขณะมีการรบกวน ⁵ dB(A)	ระดับเสียงพื้นฐาน ⁴ L_{90} (dB(A))	ระดับการรบกวน dB(A)
15/03/2026	15:30 - 15:35	57.5	60.8	-	55.6	-
	15:35 - 15:40	57.1	60.8	-	55.6	-
	15:40 - 15:45	56.7	60.8	-	55.6	-
	15:45 - 15:50	58.6	60.8	-	55.6	-
	15:50 - 15:55	57.3	60.8	-	55.6	-
	15:55 - 16:00	56.2	60.8	-	55.6	-
	16:00 - 16:05	60.0	60.8	-	55.6	-
	16:05 - 16:10	55.6	60.8	-	55.6	-
	16:10 - 16:15	57.2	60.8	-	55.6	-
	16:15 - 16:20	55.3	60.8	-	55.6	-
	16:20 - 16:25	56.8	60.8	-	55.6	-
	16:25 - 16:30	55.0	60.8	-	55.6	-
	16:30 - 16:35	56.0	60.8	-	55.6	-
	16:35 - 16:40	56.0	60.8	-	55.6	-
	16:40 - 16:45	58.8	60.8	-	55.6	-
	16:45 - 16:50	59.8	60.8	-	55.6	-
	16:50 - 16:55	55.8	60.8	-	55.6	-
	16:55 - 17:00	57.2	60.8	-	55.6	-
	17:00 - 17:05	59.3	60.8	-	55.6	-
	17:05 - 17:10	65.2	60.8	66.2	55.6	10.6
	17:10 - 17:15	62.3	60.8	60.0	55.6	4.4
	17:15 - 17:20	60.5	60.8	-	55.6	-
	17:20 - 17:25	59.1	60.8	-	55.6	-
	17:25 - 17:30	56.0	60.8	-	55.6	-
	17:30 - 17:35	56.6	60.8	-	55.6	-
	17:35 - 17:40	59.7	60.8	-	55.6	-
	17:40 - 17:45	56.5	60.8	-	55.6	-
	17:45 - 17:50	58.5	60.8	-	55.6	-
	17:50 - 17:55	56.5	60.8	-	55.6	-
	17:55 - 18:00	64.5	60.8	65.1	55.6	9.5
มาตรฐานเสียงรบกวน ^{1,2}						10

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Request No. LA69-R0350

Report No. R6903-1146

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.
ADDRESS : 38/14 Moo 5 T. Tung Sukla A. Sriracha, Chonburi 20230
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
SAMPLE POINT : วิทยาลัยเทคโนโลยีวิศวกรรมแหลมฉบัง (ด้านทิศใต้ของโครงการ) (AN1)
PARAMETER* : ระดับการรบกวน
DETERMINATION METHOD : ISO 1996-1:2016
INSTRUMENT : Integrated Sound Level Meter
S/N 00230987 : Class 1

SAMPLE NO. : 05681
MEASURING DATE : 15-16/03/2026
RECEIVED DATE : 17/03/2026
REPORTED DATE : 23/03/2026

วัน / เวลา ของระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด		ระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด L _{eq} (dB(A))	ระดับเสียง ^{/4} ขณะไม่มี การรบกวน L _{eq} (dB(A))	ระดับเสียงขณะมีการรบกวน ^{/5} dB(A)	ระดับเสียงพื้นฐาน ^{/4} L ₉₀ (dB(A))	ระดับการรบกวน dB(A)
15/03/2026	18:00 - 18:05	56.8	60.8	-	55.6	-
	18:05 - 18:10	58.0	60.8	-	55.6	-
	18:10 - 18:15	59.2	60.8	-	55.6	-
	18:15 - 18:20	56.7	60.8	-	55.6	-
	18:20 - 18:25	60.2	60.8	-	55.6	-
	18:25 - 18:30	58.5	60.8	-	55.6	-
	18:30 - 18:35	56.5	60.8	-	55.6	-
	18:35 - 18:40	57.3	60.8	-	55.6	-
	18:40 - 18:45	56.4	60.8	-	55.6	-
	18:45 - 18:50	57.3	60.8	-	55.6	-
	18:50 - 18:55	60.6	60.8	-	55.6	-
	18:55 - 19:00	57.9	60.8	-	55.6	-
	19:00 - 19:05	60.6	60.8	-	55.6	-
	19:05 - 19:10	59.5	60.8	-	55.6	-
	19:10 - 19:15	60.3	60.8	-	55.6	-
	19:15 - 19:20	57.2	60.8	-	55.6	-
	19:20 - 19:25	60.6	60.8	-	55.6	-
	19:25 - 19:30	56.8	60.8	-	55.6	-
	19:30 - 19:35	62.8	60.8	61.5	55.6	5.9
	19:35 - 19:40	62.7	60.8	61.2	55.6	5.6
	19:40 - 19:45	65.9	60.8	67.3	55.6	11.7
	19:45 - 19:50	62.3	60.8	60.0	55.6	4.4
	19:50 - 19:55	58.5	60.8	-	55.6	-
	19:55 - 20:00	67.5	60.8	69.5	55.6	13.9
	20:00 - 20:05	66.2	60.8	67.7	55.6	12.1
	20:05 - 20:10	66.0	60.8	67.4	55.6	11.8
	20:10 - 20:15	60.1	60.8	-	55.6	-
	20:15 - 20:20	57.4	60.8	-	55.6	-
20:20 - 20:25	59.0	60.8	-	55.6	-	
20:25 - 20:30	56.8	60.8	-	55.6	-	
มาตรฐานเสียงรบกวน ^{/1,2}						10

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WITHOUT THE WRITTEN APPROVAL LABORATORY

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.
ADDRESS : 38/14 Moo 5 T. Tungskukla A. Sriracha, Chonburi 20230
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
SAMPLE POINT : วิทยาลัยเทคโนโลยีวิศวกรรมแหลมฉบัง (ด้านทิศใต้ของโครงการ) (AN1)
PARAMETER* : ระดับการรบกวน
DETERMINATION METHOD : ISO 1996-1:2016
INSTRUMENT : Integrated Sound Level Meter
S/N 00230987 : Class I

SAMPLE NO. : 05681
MEASURING DATE : 15-16/03/2026
RECEIVED DATE : 17/03/2026
REPORTED DATE : 23/03/2026

วัน / เวลา ของระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด		ระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด L _{eq} (dB(A))	ระดับเสียง ^{1/4} ขณะไม่มี การรบกวน L _{eq} (dB(A))	ระดับเสียงขณะมีการรบกวน ^{1/5} dB(A)	ระดับเสียงพื้นฐาน ^{1/4} L ₉₀ (dB(A))	ระดับการรบกวน dB(A)
15/03/2026	20:30 - 20:35	55.6	60.8	-	55.6	-
	20:35 - 20:40	65.4	60.8	66.6	55.6	11.0
	20:40 - 20:45	70.7	60.8	73.2	55.6	17.6
	20:45 - 20:50	58.7	60.8	-	55.6	-
	20:50 - 20:55	57.3	60.8	-	55.6	-
	20:55 - 21:00	56.3	60.8	-	55.6	-
	21:00 - 21:05	55.4	60.8	-	55.6	-
	21:05 - 21:10	57.9	60.8	-	55.6	-
	21:10 - 21:15	55.1	60.8	-	55.6	-
	21:15 - 21:20	57.2	60.8	-	55.6	-
	21:20 - 21:25	54.3	60.8	-	55.6	-
	21:25 - 21:30	54.4	60.8	-	55.6	-
	21:30 - 21:35	54.5	60.8	-	55.6	-
	21:35 - 21:40	54.7	60.8	-	55.6	-
	21:40 - 21:45	54.1	60.8	-	55.6	-
	21:45 - 21:50	54.3	60.8	-	55.6	-
	21:50 - 21:55	54.8	60.8	-	55.6	-
	21:55 - 22:00	54.4	60.8	-	55.6	-
	22:00 - 22:05	60.6	55.1	62.2	53.9	8.3
	22:05 - 22:10	55.8	55.1	50.5	53.9	-3.4
	22:10 - 22:15	54.6	55.1	-	53.9	-
	22:15 - 22:20	54.2	55.1	-	53.9	-
	22:20 - 22:25	54.2	55.1	-	53.9	-
	22:25 - 22:30	54.8	55.1	-	53.9	-
	22:30 - 22:35	58.4	55.1	58.7	53.9	4.8
	22:35 - 22:40	54.1	55.1	-	53.9	-
	22:40 - 22:45	56.0	55.1	51.7	53.9	-2.2
	22:45 - 22:50	54.9	55.1	-	53.9	-
	22:50 - 22:55	54.9	55.1	-	53.9	-
	22:55 - 23:00	56.0	55.1	51.7	53.9	-2.2
มาตรฐานเสียงรบกวน ^{1/1,2}						10

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



Request No. LA69-R0350
Report No. R6903-I146

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.
ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
SAMPLE POINT : วิทยาลัยเทคโนโลยีวิศวกรรมแหลมฉบัง (ด้านทิศใต้ของโครงการ) (AN1)
PARAMETER* : ระดับการรบกวน
DETERMINATION METHOD : ISO 1996-1:2016
INSTRUMENT : Integrated Sound Level Meter
S/N 00230987 : Class 1

SAMPLE NO. : 05681
MEASURING DATE : 15-16/03/2026
RECEIVED DATE : 17/03/2026
REPORTED DATE : 23/03/2026

วัน / เวลา ของระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด		ระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด L _{eq} (dB(A))	ระดับเสียง ^{/4} ขณะไม่มี การรบกวน L _{eq} (dB(A))	ระดับเสียงขณะมีการรบกวน ^{/5} dB(A)	ระดับเสียงพื้นฐาน ^{/4} L ₉₀ (dB(A))	ระดับการรบกวน dB(A)
15/03/2026	23:00 - 23:05	55.1	55.1	-	53.9	-
	23:05 - 23:10	57.9	55.1	57.7	53.9	3.8
	23:10 - 23:15	55.4	55.1	46.6	53.9	-7.3
	23:15 - 23:20	54.8	55.1	-	53.9	-
	23:20 - 23:25	54.2	55.1	-	53.9	-
	23:25 - 23:30	54.7	55.1	-	53.9	-
	23:30 - 23:35	54.8	55.1	-	53.9	-
	23:35 - 23:40	54.7	55.1	-	53.9	-
	23:40 - 23:45	57.0	55.1	55.5	53.9	1.6
	23:45 - 23:50	54.8	55.1	-	53.9	-
	23:50 - 23:55	54.4	55.1	-	53.9	-
	23:55 - 00:00	54.5	55.1	-	53.9	-
16/03/2026	00:00 - 00:05	54.7	55.1	-	53.9	-
	00:05 - 00:10	54.2	55.1	-	53.9	-
	00:10 - 00:15	61.2	55.1	63.0	53.9	9.1
	00:15 - 00:20	55.1	55.1	-	53.9	-
	00:20 - 00:25	54.7	55.1	-	53.9	-
	00:25 - 00:30	54.7	55.1	-	53.9	-
	00:30 - 00:35	54.2	55.1	-	53.9	-
	00:35 - 00:40	54.4	55.1	-	53.9	-
	00:40 - 00:45	54.2	55.1	-	53.9	-
	00:45 - 00:50	55.0	55.1	-	53.9	-
	00:50 - 00:55	54.4	55.1	-	53.9	-
	00:55 - 01:00	54.1	55.1	-	53.9	-
	01:00 - 01:05	54.1	55.1	-	53.9	-
	01:05 - 01:10	54.0	55.1	-	53.9	-
	01:10 - 01:15	54.7	55.1	-	53.9	-
	01:15 - 01:20	55.2	55.1	41.8	53.9	-12.1
	01:20 - 01:25	54.9	55.1	-	53.9	-
	01:25 - 01:30	54.5	55.1	-	53.9	-
มาตรฐานเสียงรบกวน ^{/1, /2}						10

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Request No. LA69-R0350

Report No. R6903-I146

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.
ADDRESS : 38/14 Moo 5 T. Tungskula A. Sriracha, Chonburi 20230
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
SAMPLE POINT : วิทยาลัยเทคโนโลยีวิศวกรรมแหลมฉบัง (ด้านทิศใต้ของโครงการ) (ANI)
PARAMETER* : ระดับการรบกวน
DETERMINATION METHOD : ISO 1996-1:2016
INSTRUMENT : Integrated Sound Level Meter
S/N 00230987 : Class 1

SAMPLE NO. : 05681
MEASURING DATE : 15-16/03/2026
RECEIVED DATE : 17/03/2026
REPORTED DATE : 23/03/2026

วัน / เวลา ของระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด		ระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด L _{eq} (dB(A))	ระดับเสียง ^{/4} ขณะไม่มี การรบกวน L _{eq} (dB(A))	ระดับเสียงขณะมีการรบกวน ^{/5} dB(A)	ระดับเสียงพื้นฐาน ^{/4} L ₉₀ (dB(A))	ระดับการรบกวน dB(A)
16/03/2026	01:30 - 01:35	54.7	55.1	-	53.9	-
	01:35 - 01:40	56.7	55.1	54.6	53.9	0.7
	01:40 - 01:45	56.7	55.1	54.6	53.9	0.7
	01:45 - 01:50	54.7	55.1	-	53.9	-
	01:50 - 01:55	54.6	55.1	-	53.9	-
	01:55 - 02:00	57.0	55.1	55.5	53.9	1.6
	02:00 - 02:05	56.7	55.1	54.6	53.9	0.7
	02:05 - 02:10	54.6	55.1	-	53.9	-
	02:10 - 02:15	54.8	55.1	-	53.9	-
	02:15 - 02:20	54.8	55.1	-	53.9	-
	02:20 - 02:25	55.3	55.1	44.8	53.9	-9.1
	02:25 - 02:30	54.7	55.1	-	53.9	-
	02:30 - 02:35	54.9	55.1	-	53.9	-
	02:35 - 02:40	55.0	55.1	-	53.9	-
	02:40 - 02:45	55.6	55.1	49.0	53.9	-4.9
	02:45 - 02:50	55.3	55.1	44.8	53.9	-9.1
	02:50 - 02:55	55.2	55.1	41.8	53.9	-12.1
	02:55 - 03:00	55.3	55.1	44.8	53.9	-9.1
	03:00 - 03:05	55.2	55.1	41.8	53.9	-12.1
	03:05 - 03:10	55.5	55.1	47.9	53.9	-6.0
	03:10 - 03:15	56.3	55.1	53.1	53.9	-0.8
	03:15 - 03:20	55.4	55.1	46.6	53.9	-7.3
	03:20 - 03:25	55.3	55.1	44.8	53.9	-9.1
	03:25 - 03:30	55.3	55.1	44.8	53.9	-9.1
	03:30 - 03:35	55.6	55.1	49.0	53.9	-4.9
	03:35 - 03:40	55.6	55.1	49.0	53.9	-4.9
	03:40 - 03:45	55.5	55.1	47.9	53.9	-6.0
	03:45 - 03:50	55.6	55.1	49.0	53.9	-4.9
	03:50 - 03:55	55.5	55.1	47.9	53.9	-6.0
	03:55 - 04:00	55.6	55.1	49.0	53.9	-4.9
มาตรฐานเสียงรบกวน ^{/1,2}						10

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Request No. LA69-R0350
Report No. R6903-1146

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.

ADDRESS : 38/14 Moo 5 T. Tungasukla A. Sriracha, Chonburi 20230

SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.

SAMPLE POINT : วิทยาลัยเทคโนโลยีวิศวกรรมแหลมฉบัง (ด้านทิศใต้ของโครงการ) (AN1)

PARAMETER* : ระดับการรบกวน

DETERMINATION METHOD : ISO 1996-1:2016

INSTRUMENT : Integrated Sound Level Meter

S/N 00230987 : Class 1

SAMPLE NO. : 05681

MEASURING DATE : 15-16/03/2026

RECEIVED DATE : 17/03/2026

REPORTED DATE : 23/03/2026

วัน / เวลา ของระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด		ระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด L _{eq} (dB(A))	ระดับเสียง ^{/4} ขณะไม่มี การรบกวน L _{eq} (dB(A))	ระดับเสียงขณะมีการรบกวน ^{/5} dB(A)	ระดับเสียงพื้นฐาน ^{/4} L ₉₀ (dB(A))	ระดับการรบกวน dB(A)
16/03/2026	04:00 - 04:05	57.9	55.1	57.7	53.9	3.8
	04:05 - 04:10	55.3	55.1	44.8	53.9	-9.1
	04:10 - 04:15	56.6	55.1	54.3	53.9	0.4
	04:15 - 04:20	55.6	55.1	49.0	53.9	-4.9
	04:20 - 04:25	63.6	55.1	65.9	53.9	12.0
	04:25 - 04:30	56.3	55.1	53.1	53.9	-0.8
	04:30 - 04:35	58.7	55.1	59.2	53.9	5.3
	04:35 - 04:40	56.1	55.1	52.2	53.9	-1.7
	04:40 - 04:45	57.4	55.1	56.5	53.9	2.6
	04:45 - 04:50	55.5	55.1	47.9	53.9	-6.0
	04:50 - 04:55	55.8	55.1	50.5	53.9	-3.4
	04:55 - 05:00	55.9	55.1	51.2	53.9	-2.7
	05:00 - 05:05	57.8	55.1	57.5	53.9	3.6
	05:05 - 05:10	57.7	55.1	57.2	53.9	3.3
	05:10 - 05:15	56.7	55.1	54.6	53.9	0.7
	05:15 - 05:20	56.7	55.1	54.6	53.9	0.7
	05:20 - 05:25	58.2	55.1	58.3	53.9	4.4
	05:25 - 05:30	55.9	55.1	51.2	53.9	-2.7
	05:30 - 05:35	57.1	55.1	55.8	53.9	1.9
	05:35 - 05:40	57.6	55.1	57.0	53.9	3.1
	05:40 - 05:45	58.6	55.1	59.0	53.9	5.1
	05:45 - 05:50	58.2	55.1	58.3	53.9	4.4
	05:50 - 05:55	58.8	55.1	59.4	53.9	5.5
	05:55 - 06:00	57.8	55.1	57.5	53.9	3.6
	06:00 - 06:05	59.3	60.8	-	55.6	-
	06:05 - 06:10	64.7	60.8	65.4	55.6	9.8
	06:10 - 06:15	59.0	60.8	-	55.6	-
	06:15 - 06:20	60.7	60.8	-	55.6	-
	06:20 - 06:25	60.2	60.8	-	55.6	-
	06:25 - 06:30	61.5	60.8	56.2	55.6	0.6
มาตรฐานเสียงรบกวน ^{/1, /2}						10

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Request No. LA69-R0350

Report No. R6903-1146

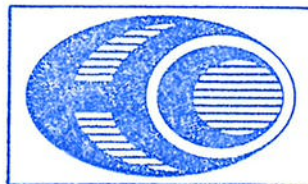
TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.
ADDRESS : 38/14 Moo 5 T. Tung Sukla A. Sriracha, Chonburi 20230
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
SAMPLE POINT : วิทยาลัยเทคโนโลยีวิศวกรรมแหลมฉบัง (ด้านทิศใต้ของโครงการ) (ANI)
PARAMETER* : ระดับการรบกวน
DETERMINATION METHOD : ISO 1996-1:2016
INSTRUMENT : Integrated Sound Level Meter
S/N 00230987 : Class 1

SAMPLE NO. : 05681
MEASURING DATE : 15-16/03/2026
RECEIVED DATE : 17/03/2026
REPORTED DATE : 23/03/2026

วัน / เวลา	ระดับเสียง	ระดับเสียง ^{1/4}	ระดับเสียงขณะมีการรบกวน ^{1/5}	ระดับเสียงพื้นฐาน ^{1/4}	ระดับการรบกวน
ของระดับเสียง	ขณะเกิดเสียง	ขณะไม่มี			
ของแหล่งกำเนิด	ของแหล่งกำเนิด	การรบกวน	dB(A)	L ₉₀ (dB(A))	dB(A)
ของแหล่งกำเนิด	L _{eq} (dB(A))	L _{eq} (dB(A))			
16/03/2026	06:30 - 06:35	59.9	60.8	-	55.6
	06:35 - 06:40	63.7	60.8	63.6	55.6
	06:40 - 06:45	64.4	60.8	64.9	55.6
	06:45 - 06:50	64.7	60.8	65.4	55.6
	06:50 - 06:55	65.7	60.8	67.0	55.6
	06:55 - 07:00	64.0	60.8	64.2	55.6
	07:00 - 07:05	63.8	60.8	63.8	55.6
	07:05 - 07:10	66.7	60.8	68.4	55.6
	07:10 - 07:15	65.3	60.8	66.4	55.6
	07:15 - 07:20	65.5	60.8	66.7	55.6
	07:20 - 07:25	64.2	60.8	64.5	55.6
	07:25 - 07:30	64.2	60.8	64.5	55.6
	07:30 - 07:35	65.6	60.8	66.9	55.6
	07:35 - 07:40	68.6	60.8	70.8	55.6
	07:40 - 07:45	71.5	60.8	74.1	55.6
	07:45 - 07:50	66.7	60.8	68.4	55.6
	07:50 - 07:55	72.2	60.8	74.9	55.6
	07:55 - 08:00	64.1	60.8	64.4	55.6
มาตรฐานเสียงรบกวน ^{1/1,2}					10

REMARK :

^{1/1} Notification of Office of The National Environmental Board Volume 29 B.E. 2550 (2007)^{1/2} Notification of Ministry of the Industry B.E. 2548 (2005)^{1/3} Start Time^{1/4} Measuring Date and Time : 07-08/03/2026 (Day Time : 09:10 - 09:15, Night Time 03:40 - 03:45)^{1/5} Measurement Follow The Announcement of The Pollution Control Board B.E. 2565 (2022)
and The Notification of Ministry of the Industry B.E. 2567 (2024)* Parameter Outside The Scope of The Registration of The Department of Industrial Works
(Measurement By Mr. Seksan Pluemwong)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By...

(MRS. WANPEN LHAOCHINDAWAT)

23/03/2026

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TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.**
 ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230**
 SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.**
 SAMPLE POINT : วิทยาลัยเทคโนโลยีวิศวกรรมแหลมฉบัง (ด้านทิศใต้ของโครงการ) (AN1)**
 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 00230987 : Class 1

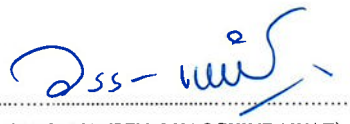
SAMPLE NO. : 05682
 MEASURING DATE : 16-17/03/2026
 RECEIVED DATE : 17/03/2026
 REPORTED DATE : 23/03/2026

TIME \ DATE	16-17/03/2026 (L_{eq})	16-17/03/2026 (L_{max})	16-17/03/2026 ($L_{90\#}$)	UNIT
08:00 - 09:00 ^{/3}	66.6	92.6	59.1	dB(A)
09:00 - 10:00	61.2	79.9	56.6	dB(A)
10:00 - 11:00	64.5	87.5	61.4	dB(A)
11:00 - 12:00	64.6	89.7	55.8	dB(A)
12:00 - 13:00	62.5	88.3	55.6	dB(A)
13:00 - 14:00	60.8	78.1	56.4	dB(A)
14:00 - 15:00	60.7	81.1	54.8	dB(A)
15:00 - 16:00	62.2	89.5	54.6	dB(A)
16:00 - 17:00	68.2	98.9	55.8	dB(A)
17:00 - 18:00	66.9	93.8	57.5	dB(A)
18:00 - 19:00	64.8	86.2	57.5	dB(A)
19:00 - 20:00	65.4	88.4	58.4	dB(A)
20:00 - 21:00	67.5	89.8	58.1	dB(A)
21:00 - 22:00	61.2	86.7	56.2	dB(A)
22:00 - 23:00	59.5	78.9	56.4	dB(A)
23:00 - 00:00	58.5	78.0	56.0	dB(A)
00:00 - 01:00	57.4	73.3	55.8	dB(A)
01:00 - 02:00	56.7	67.3	55.6	dB(A)
02:00 - 03:00	56.6	70.6	55.5	dB(A)
03:00 - 04:00	56.7	65.4	55.5	dB(A)
04:00 - 05:00	60.1	84.0	55.9	dB(A)
05:00 - 06:00	60.2	84.0	56.3	dB(A)
06:00 - 07:00	63.7	89.0	57.9	dB(A)
07:00 - 08:00	66.9	88.0	60.5	dB(A)
L_{eq} 24 hr.	63.6	-	-	dB(A)
$L_{dn\#}$	67.2	-	-	dB(A)
Maximum	-	98.9	-	dB(A)
Standard	70 ^{/1, /2}	115 ^{/1, /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
^{##} ISO 1996-1:2016, Notification of The Department of Industrial Works on Methods for Measuring Noise Annoyance, Noise Level 24-Hour Average and Maximum Noise Level From Factory B.E. 2567 (2024), Dated February 21, 2024, Notification of The National Environmental Board Volume 15 B.E. 2540 (1997) on The General Noise Level Standards, Dated April 3, 1997, Notification of The Pollution Control Department on The Calculation of The Noise Level, Dated November 25, 1997
^{/1} Notification of The National Environmental Board Volume 15 B.E. 2540 (1997)
^{/2} Notification of Ministry of the Industry B.E. 2548 (2005)
^{/3} Start Time
 * Parameter Outside The Scope of The Registration of The Department of Industrial Works.
 (Ms. Thanatporm Klinsoon is Section Head, Mrs. Wanpen Lhaochindawat is Technical Management)
 (Measurement By Mr. Seksan Pluemwong)
 ** These Data are Non Laboratory Data



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By 
 (MRS. WANPEN LHAOCHINDAWAT)

23/03/2026

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Request No. LA69-R0350
Report No. R6903-1147

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.
ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
SAMPLE POINT : วิทยาลัยเทคโนโลยีวิศวกรรมแหลมฉบัง (ด้านทิศใต้ของโครงการ) (ANI)
PARAMETER* : ระดับการรบกวน
DETERMINATION METHOD : ISO 1996-1:2016
INSTRUMENT : Integrated Sound Level Meter
S/N 00230987 : Class 1

SAMPLE NO. : 05682
MEASURING DATE : 16-17/03/2026
RECEIVED DATE : 17/03/2026
REPORTED DATE : 23/03/2026

วัน / เวลา ของระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด		ระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด L _{eq} (dB(A))	ระดับเสียง ^{/4} ขณะไม่มี การรบกวน L _{eq} (dB(A))	ระดับเสียงขณะมีการรบกวน ^{/5} dB(A)	ระดับเสียงพื้นฐาน ^{/4} L ₉₀ (dB(A))	ระดับการรบกวน dB(A)
16/03/2026	08:00 - 08:05 ^{/1}	69.6	60.8	72.0	55.6	16.4
	08:05 - 08:10	69.1	60.8	71.4	55.6	15.8
	08:10 - 08:15	65.2	60.8	66.2	55.6	10.6
	08:15 - 08:20	65.0	60.8	65.9	55.6	10.3
	08:20 - 08:25	63.0	60.8	62.0	55.6	6.4
	08:25 - 08:30	65.9	60.8	67.3	55.6	11.7
	08:30 - 08:35	63.6	60.8	63.4	55.6	7.8
	08:35 - 08:40	72.1	60.8	74.8	55.6	19.2
	08:40 - 08:45	62.1	60.8	59.2	55.6	3.6
	08:45 - 08:50	63.2	60.8	62.5	55.6	6.9
	08:50 - 08:55	61.9	60.8	58.4	55.6	2.8
	08:55 - 09:00	62.0	60.8	58.8	55.6	3.2
	09:00 - 09:05	62.1	60.8	59.2	55.6	3.6
	09:05 - 09:10	62.8	60.8	61.5	55.6	5.9
	09:10 - 09:15	59.6	60.8	-	55.6	-
	09:15 - 09:20	61.9	60.8	58.4	55.6	2.8
	09:20 - 09:25	61.0	60.8	50.5	55.6	-5.1
	09:25 - 09:30	57.6	60.8	-	55.6	-
	09:30 - 09:35	59.1	60.8	-	55.6	-
	09:35 - 09:40	61.2	60.8	53.6	55.6	-2.0
	09:40 - 09:45	60.9	60.8	47.5	55.6	-8.1
	09:45 - 09:50	61.4	60.8	55.5	55.6	-0.1
	09:50 - 09:55	59.8	60.8	-	55.6	-
	09:55 - 10:00	63.5	60.8	63.2	55.6	7.6
	10:00 - 10:05	67.8	60.8	69.8	55.6	14.2
	10:05 - 10:10	62.6	60.8	60.9	55.6	5.3
	10:10 - 10:15	64.4	60.8	64.9	55.6	9.3
	10:15 - 10:20	63.3	60.8	62.7	55.6	7.1
	10:20 - 10:25	65.2	60.8	66.2	55.6	10.6
	10:25 - 10:30	64.4	60.8	64.9	55.6	9.3
มาตรฐานเสียงรบกวน ^{/1,2}						10

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Request No. LA69-R0350
Report No. R6903-1147

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.

ADDRESS : 38/14 Moo 5 T, Tungasukla A. Sriracha, Chonburi 20230

SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.

SAMPLE POINT : วิทยาลัยเทคโนโลยีวิศวกรรมแหลมฉบัง (ด้านทิศใต้ของโครงการ) (ANI)

PARAMETER* : ระดับการรบกวน

DETERMINATION METHOD : ISO 1996-1:2016

INSTRUMENT : Integrated Sound Level Meter

S/N 00230987 : Class 1

SAMPLE NO. : 05682

MEASURING DATE : 16-17/03/2026

RECEIVED DATE : 17/03/2026

REPORTED DATE : 23/03/2026

วัน / เวลา ของระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด		ระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด L _{eq} (dB(A))	ระดับเสียง ⁴ ขณะไม่มี การรบกวน L _{eq} (dB(A))	ระดับเสียงขณะมีการรบกวน ⁵ dB(A)	ระดับเสียงพื้นฐาน ⁴ L ₉₀ (dB(A))	ระดับการรบกวน dB(A)
16/03/2026	10:30 - 10:35	64.1	60.8	64.4	55.6	8.8
	10:35 - 10:40	64.3	60.8	64.7	55.6	9.1
	10:40 - 10:45	65.3	60.8	66.4	55.6	10.8
	10:45 - 10:50	63.7	60.8	63.6	55.6	8.0
	10:50 - 10:55	63.2	60.8	62.5	55.6	6.9
	10:55 - 11:00	61.9	60.8	58.4	55.6	2.8
	11:00 - 11:05	63.3	60.8	62.7	55.6	7.1
	11:05 - 11:10	70.7	60.8	73.2	55.6	17.6
	11:10 - 11:15	61.8	60.8	57.9	55.6	2.3
	11:15 - 11:20	61.6	60.8	56.9	55.6	1.3
	11:20 - 11:25	61.4	60.8	55.5	55.6	-0.1
	11:25 - 11:30	64.0	60.8	64.2	55.6	8.6
	11:30 - 11:35	66.6	60.8	68.3	55.6	12.7
	11:35 - 11:40	63.8	60.8	63.8	55.6	8.2
	11:40 - 11:45	63.4	60.8	62.9	55.6	7.3
	11:45 - 11:50	61.6	60.8	56.9	55.6	1.3
	11:50 - 11:55	61.6	60.8	56.9	55.6	1.3
	11:55 - 12:00	62.6	60.8	60.9	55.6	5.3
	12:00 - 12:05	63.2	60.8	62.5	55.6	6.9
	12:05 - 12:10	62.1	60.8	59.2	55.6	3.6
	12:10 - 12:15	62.0	60.8	58.8	55.6	3.2
	12:15 - 12:20	59.3	60.8	-	55.6	-
	12:20 - 12:25	68.5	60.8	70.7	55.6	15.1
	12:25 - 12:30	58.2	60.8	-	55.6	-
	12:30 - 12:35	60.3	60.8	-	55.6	-
	12:35 - 12:40	58.2	60.8	-	55.6	-
	12:40 - 12:45	60.2	60.8	-	55.6	-
	12:45 - 12:50	62.5	60.8	60.6	55.6	5.0
	12:50 - 12:55	61.8	60.8	57.9	55.6	2.3
	12:55 - 13:00	61.5	60.8	56.2	55.6	0.6
มาตรฐานเสียงรบกวน ^{1/,2}						10

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TEST REPORT

CUSTOMER	: Siam Poongsan Metal Co., Ltd.	SAMPLE NO.	: 05682
ADDRESS	: 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230	MEASURING DATE	: 16-17/03/2026
SAMPLE SOURCE	: Siam Poongsan Metal Co., Ltd.	RECEIVED DATE	: 17/03/2026
SAMPLE POINT	: วิทยาลัยเทคโนโลยีวิศวกรรมแหลมฉบัง (ด้านทิศใต้ของโครงการ) (AN1)	REPORTED DATE	: 23/03/2026
PARAMETER*	: ระดับการรบกวน		
DETERMINATION METHOD	: ISO 1996-1:2016		
INSTRUMENT	: Integrated Sound Level Meter		
	S/N 00230987 : Class I		

วัน / เวลา ของระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด		ระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด L _{eq} (dB(A))	ระดับเสียง ⁴ ขณะไม่มี การรบกวน L _{eq} (dB(A))	ระดับเสียงขณะมีการรบกวน ⁵ dB(A)	ระดับเสียงพื้นฐาน ⁴ L ₉₀ (dB(A))	ระดับการรบกวน dB(A)
16/03/2026	13:00 - 13:05	63.2	60.8	62.5	55.6	6.9
	13:05 - 13:10	60.6	60.8	-	55.6	-
	13:10 - 13:15	62.0	60.8	58.8	55.6	3.2
	13:15 - 13:20	60.6	60.8	-	55.6	-
	13:20 - 13:25	61.0	60.8	50.5	55.6	-5.1
	13:25 - 13:30	60.5	60.8	-	55.6	-
	13:30 - 13:35	59.2	60.8	-	55.6	-
	13:35 - 13:40	60.2	60.8	-	55.6	-
	13:40 - 13:45	59.9	60.8	-	55.6	-
	13:45 - 13:50	59.7	60.8	-	55.6	-
	13:50 - 13:55	61.8	60.8	57.9	55.6	2.3
	13:55 - 14:00	59.2	60.8	-	55.6	-
	14:00 - 14:05	61.8	60.8	57.9	55.6	2.3
	14:05 - 14:10	61.5	60.8	56.2	55.6	0.6
	14:10 - 14:15	61.1	60.8	52.3	55.6	-3.3
	14:15 - 14:20	58.9	60.8	-	55.6	-
	14:20 - 14:25	57.4	60.8	-	55.6	-
	14:25 - 14:30	63.8	60.8	63.8	55.6	8.2
	14:30 - 14:35	60.5	60.8	-	55.6	-
	14:35 - 14:40	58.1	60.8	-	55.6	-
	14:40 - 14:45	59.0	60.8	-	55.6	-
	14:45 - 14:50	59.5	60.8	-	55.6	-
	14:50 - 14:55	59.9	60.8	-	55.6	-
	14:55 - 15:00	62.1	60.8	59.2	55.6	3.6
	15:00 - 15:05	61.3	60.8	54.7	55.6	-0.9
	15:05 - 15:10	61.1	60.8	52.3	55.6	-3.3
	15:10 - 15:15	61.3	60.8	54.7	55.6	-0.9
	15:15 - 15:20	60.7	60.8	-	55.6	-
	15:20 - 15:25	62.0	60.8	58.8	55.6	3.2
	15:25 - 15:30	59.0	60.8	-	55.6	-
มาตรฐานเสียงรบกวน ^{1/, 2}						10

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Request No. LA69-R0350
Report No. R6903-1147

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.
ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
SAMPLE POINT : วิทยาลัยเทคโนโลยีวิศวกรรมแหลมฉบัง (ด้านทิศใต้ของโครงการ) (AN1)
PARAMETER* : ระดับการรบกวน
DETERMINATION METHOD : ISO 1996-1:2016
INSTRUMENT : Integrated Sound Level Meter
S/N 00230987 : Class I

SAMPLE NO. : 05682
MEASURING DATE : 16-17/03/2026
RECEIVED DATE : 17/03/2026
REPORTED DATE : 23/03/2026

วัน / เวลา ของระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด		ระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด L _{eq} (dB(A))	ระดับเสียง ¹⁴ ขณะไม่มี การรบกวน L _{eq} (dB(A))	ระดับเสียงขณะมีการรบกวน ¹⁵ dB(A)	ระดับเสียงพื้นฐาน ¹⁴ L ₉₀ (dB(A))	ระดับการรบกวน dB(A)
16/03/2026	15:30 - 15:35	59.9	60.8	-	55.6	-
	15:35 - 15:40	67.5	60.8	69.5	55.6	13.9
	15:40 - 15:45	59.0	60.8	-	55.6	-
	15:45 - 15:50	60.7	60.8	-	55.6	-
	15:50 - 15:55	59.4	60.8	-	55.6	-
	15:55 - 16:00	64.4	60.8	64.9	55.6	9.3
	16:00 - 16:05	60.3	60.8	-	55.6	-
	16:05 - 16:10	62.6	60.8	60.9	55.6	5.3
	16:10 - 16:15	62.4	60.8	60.3	55.6	4.7
	16:15 - 16:20	62.0	60.8	58.8	55.6	3.2
	16:20 - 16:25	61.3	60.8	54.7	55.6	-0.9
	16:25 - 16:30	77.1	60.8	80.0	55.6	24.4
	16:30 - 16:35	60.9	60.8	47.5	55.6	-8.1
	16:35 - 16:40	61.8	60.8	57.9	55.6	2.3
	16:40 - 16:45	67.0	60.8	68.8	55.6	13.2
	16:45 - 16:50	68.8	60.8	71.1	55.6	15.5
	16:50 - 16:55	65.5	60.8	66.7	55.6	11.1
	16:55 - 17:00	62.6	60.8	60.9	55.6	5.3
	17:00 - 17:05	65.6	60.8	66.9	55.6	11.3
	17:05 - 17:10	65.1	60.8	66.1	55.6	10.5
	17:10 - 17:15	67.3	60.8	69.2	55.6	13.6
	17:15 - 17:20	67.4	60.8	69.3	55.6	13.7
	17:20 - 17:25	68.7	60.8	70.9	55.6	15.3
	17:25 - 17:30	66.1	60.8	67.6	55.6	12.0
	17:30 - 17:35	64.0	60.8	64.2	55.6	8.6
	17:35 - 17:40	71.4	60.8	74.0	55.6	18.4
	17:40 - 17:45	65.6	60.8	66.9	55.6	11.3
	17:45 - 17:50	66.9	60.8	68.7	55.6	13.1
	17:50 - 17:55	63.5	60.8	63.2	55.6	7.6
	17:55 - 18:00	64.2	60.8	64.5	55.6	8.9
มาตรฐานเสียงรบกวน ^{11,12}						10

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TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.

ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230

SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.

SAMPLE POINT : วิทยาลัยเทคโนโลยีวิศวกรรมแหลมฉบัง (ด้านทิศใต้ของโครงการ) (AN1)

PARAMETER* : ระดับการรบกวน

DETERMINATION METHOD : ISO 1996-1:2016

INSTRUMENT : Integrated Sound Level Meter

SAMPLE NO. : 05682

MEASURING DATE : 16-17/03/2026

RECEIVED DATE : 17/03/2026

REPORTED DATE : 23/03/2026

S/N 00230987 : Class 1

วัน / เวลา ของระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด		ระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด L _{eq} (dB(A))	ระดับเสียง ^{1/4} ขณะไม่มี การรบกวน L _{eq} (dB(A))	ระดับเสียงขณะมีการรบกวน ⁵ dB(A)	ระดับเสียงพื้นฐาน ⁴ L ₉₀ (dB(A))	ระดับการรบกวน dB(A)
16/03/2026	18:00 - 18:05	66.2	60.8	67.7	55.6	12.1
	18:05 - 18:10	66.5	60.8	68.1	55.6	12.5
	18:10 - 18:15	68.7	60.8	70.9	55.6	15.3
	18:15 - 18:20	64.7	60.8	65.4	55.6	9.8
	18:20 - 18:25	63.4	60.8	62.9	55.6	7.3
	18:25 - 18:30	62.0	60.8	58.8	55.6	3.2
	18:30 - 18:35	67.0	60.8	68.8	55.6	13.2
	18:35 - 18:40	61.8	60.8	57.9	55.6	2.3
	18:40 - 18:45	61.3	60.8	54.7	55.6	-0.9
	18:45 - 18:50	62.0	60.8	58.8	55.6	3.2
	18:50 - 18:55	62.7	60.8	61.2	55.6	5.6
	18:55 - 19:00	62.5	60.8	60.6	55.6	5.0
	19:00 - 19:05	63.3	60.8	62.7	55.6	7.1
	19:05 - 19:10	64.6	60.8	65.3	55.6	9.7
	19:10 - 19:15	63.7	60.8	63.6	55.6	8.0
	19:15 - 19:20	64.2	60.8	64.5	55.6	8.9
	19:20 - 19:25	62.8	60.8	61.5	55.6	5.9
	19:25 - 19:30	64.6	60.8	65.3	55.6	9.7
	19:30 - 19:35	62.4	60.8	60.3	55.6	4.7
	19:35 - 19:40	69.2	60.8	71.5	55.6	15.9
	19:40 - 19:45	67.7	60.8	69.7	55.6	14.1
	19:45 - 19:50	65.5	60.8	66.7	55.6	11.1
	19:50 - 19:55	65.5	60.8	66.7	55.6	11.1
	19:55 - 20:00	65.3	60.8	66.4	55.6	10.8
	20:00 - 20:05	62.9	60.8	61.7	55.6	6.1
	20:05 - 20:10	71.2	60.8	73.8	55.6	18.2
	20:10 - 20:15	67.5	60.8	69.5	55.6	13.9
	20:15 - 20:20	69.3	60.8	71.6	55.6	16.0
	20:20 - 20:25	69.7	60.8	72.1	55.6	16.5
	20:25 - 20:30	67.4	60.8	69.3	55.6	13.7
มาตรฐานเสียงรบกวน ^{1, 2}						10

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TEST REPORT

CUSTOMER	: Siam Poongsan Metal Co., Ltd.	SAMPLE NO.	: 05682
ADDRESS	: 38/14 Moo 5 T, Tungasukla A, Sriracha, Chonburi 20230	MEASURING DATE	: 16-17/03/2026
SAMPLE SOURCE	: Siam Poongsan Metal Co., Ltd.	RECEIVED DATE	: 17/03/2026
SAMPLE POINT	: วิทยาลัยเทคโนโลยีวิศวกรรมแหลมฉบัง (ด้านทิศใต้ของโครงการ) (AN1)	REPORTED DATE	: 23/03/2026
PARAMETER*	: ระดับการรบกวน		
DETERMINATION METHOD	: ISO 1996-1:2016		
INSTRUMENT	: Integrated Sound Level Meter		
	S/N 00230987 : Class I		

วัน / เวลา ของระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด		ระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด L _{eq} (dB(A))	ระดับเสียง ⁴ ขณะไม่มี การรบกวน L _{eq} (dB(A))	ระดับเสียงขณะมีการรบกวน ⁵ dB(A)	ระดับเสียงพื้นฐาน ⁴ L ₉₀ (dB(A))	ระดับการรบกวน dB(A)
16/03/2026	20:30 - 20:35	68.1	60.8	70.2	55.6	14.6
	20:35 - 20:40	62.5	60.8	60.6	55.6	5.0
	20:40 - 20:45	64.4	60.8	64.9	55.6	9.3
	20:45 - 20:50	69.8	60.8	72.2	55.6	16.6
	20:50 - 20:55	62.9	60.8	61.7	55.6	6.1
	20:55 - 21:00	61.5	60.8	56.2	55.6	0.6
	21:00 - 21:05	61.6	60.8	56.9	55.6	1.3
	21:05 - 21:10	66.5	60.8	68.1	55.6	12.5
	21:10 - 21:15	61.8	60.8	57.9	55.6	2.3
	21:15 - 21:20	59.2	60.8	-	55.6	-
	21:20 - 21:25	60.7	60.8	-	55.6	-
	21:25 - 21:30	59.8	60.8	-	55.6	-
	21:30 - 21:35	59.9	60.8	-	55.6	-
	21:35 - 21:40	59.7	60.8	-	55.6	-
	21:40 - 21:45	57.1	60.8	-	55.6	-
	21:45 - 21:50	62.1	60.8	59.2	55.6	3.6
	21:50 - 21:55	58.5	60.8	-	55.6	-
	21:55 - 22:00	58.3	60.8	-	55.6	-
	22:00 - 22:05	58.8	55.1	59.4	53.9	5.5
	22:05 - 22:10	61.3	55.1	63.1	53.9	9.2
	22:10 - 22:15	58.1	55.1	58.1	53.9	4.2
	22:15 - 22:20	58.7	55.1	59.2	53.9	5.3
	22:20 - 22:25	58.8	55.1	59.4	53.9	5.5
	22:25 - 22:30	60.1	55.1	61.4	53.9	7.5
	22:30 - 22:35	62.8	55.1	65.0	53.9	11.1
	22:35 - 22:40	60.0	55.1	61.3	53.9	7.4
	22:40 - 22:45	57.6	55.1	57.0	53.9	3.1
	22:45 - 22:50	57.7	55.1	57.2	53.9	3.3
	22:50 - 22:55	57.4	55.1	56.5	53.9	2.6
	22:55 - 23:00	58.9	55.1	59.6	53.9	5.7
มาตรฐานเสียงรบกวน ^{1,2}						10

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

Request No. LA69-R0350

Report No. R6903-1147

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.
 ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230
 SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
 SAMPLE POINT : วิทยาลัยเทคโนโลยีวิศวกรรมแหลมฉบัง (ด้านทิศใต้ของโครงการ) (AN1)
 PARAMETER* : ระดับการรบกวน
 DETERMINATION METHOD : ISO 1996-1:2016
 INSTRUMENT : Integrated Sound Level Meter
 S/N 00230987 : Class I

SAMPLE NO. : 05682
 MEASURING DATE : 16-17/03/2026
 RECEIVED DATE : 17/03/2026
 REPORTED DATE : 23/03/2026

วัน / เวลา	ระดับเสียง ของระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด	ระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด L _{eq} (dB(A))	ระดับเสียง ⁴ ขณะไม่มี การรบกวน L _{eq} (dB(A))	ระดับเสียงขณะมีการรบกวน ⁵ dB(A)	ระดับเสียงพื้นฐาน ⁴ L ₉₀ (dB(A))	ระดับการรบกวน dB(A)
16/03/2026	23:00 - 23:05	58.6	55.1	59.0	53.9	5.1
	23:05 - 23:10	57.9	55.1	57.7	53.9	3.8
	23:10 - 23:15	60.7	55.1	62.3	53.9	8.4
	23:15 - 23:20	58.3	55.1	58.5	53.9	4.6
	23:20 - 23:25	57.1	55.1	55.8	53.9	1.9
	23:25 - 23:30	58.1	55.1	58.1	53.9	4.2
	23:30 - 23:35	57.7	55.1	57.2	53.9	3.3
	23:35 - 23:40	61.6	55.1	63.5	53.9	9.6
	23:40 - 23:45	57.4	55.1	56.5	53.9	2.6
	23:45 - 23:50	57.3	55.1	56.3	53.9	2.4
	23:50 - 23:55	56.8	55.1	54.9	53.9	1.0
	23:55 - 00:00	57.1	55.1	55.8	53.9	1.9
17/03/2026	00:00 - 00:05	59.6	55.1	60.7	53.9	6.8
	00:05 - 00:10	58.3	55.1	58.5	53.9	4.6
	00:10 - 00:15	57.1	55.1	55.8	53.9	1.9
	00:15 - 00:20	58.0	55.1	57.9	53.9	4.0
	00:20 - 00:25	56.7	55.1	54.6	53.9	0.7
	00:25 - 00:30	57.6	55.1	57.0	53.9	3.1
	00:30 - 00:35	57.5	55.1	56.8	53.9	2.9
	00:35 - 00:40	57.1	55.1	55.8	53.9	1.9
	00:40 - 00:45	56.2	55.1	52.7	53.9	-1.2
	00:45 - 00:50	56.4	55.1	53.5	53.9	-0.4
	00:50 - 00:55	56.4	55.1	53.5	53.9	-0.4
	00:55 - 01:00	56.9	55.1	55.2	53.9	1.3
	01:00 - 01:05	56.0	55.1	51.7	53.9	-2.2
	01:05 - 01:10	56.5	55.1	53.9	53.9	0.0
	01:10 - 01:15	57.1	55.1	55.8	53.9	1.9
	01:15 - 01:20	56.4	55.1	53.5	53.9	-0.4
	01:20 - 01:25	56.7	55.1	54.6	53.9	0.7
	01:25 - 01:30	56.5	55.1	53.9	53.9	0.0
มาตรฐานเสียงรบกวน ^{1,2}						10

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WITHOUT THE WRITTEN APPROVAL LABORATORY



Request No. LA69-R0350
Report No. R6903-1147

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.

ADDRESS : 38/14 Moo 5 T. Tungasukla A. Sriracha, Chonburi 20230

SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.

SAMPLE POINT : วิทยาลัยเทคโนโลยีวิศวกรรมแหลมฉบัง (ด้านทิศใต้ของโครงการ) (ANI)

PARAMETER* : ระดับการรบกวน

DETERMINATION METHOD : ISO 1996-1:2016

INSTRUMENT : Integrated Sound Level Meter

S/N 00230987 : Class 1

SAMPLE NO. : 05682

MEASURING DATE : 16-17/03/2026

RECEIVED DATE : 17/03/2026

REPORTED DATE : 23/03/2026

วัน / เวลา ของระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด		ระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด L _{eq} (dB(A))	ระดับเสียง ^{/4} ขณะไม่มี การรบกวน L _{eq} (dB(A))	ระดับเสียงขณะมีการรบกวน ^{/5} dB(A)	ระดับเสียงพื้นฐาน ^{/4} L ₉₀ (dB(A))	ระดับการรบกวน dB(A)
17/03/2026	01:30 - 01:35	57.3	55.1	56.3	53.9	2.4
	01:35 - 01:40	56.6	55.1	54.3	53.9	0.4
	01:40 - 01:45	56.6	55.1	54.3	53.9	0.4
	01:45 - 01:50	57.3	55.1	56.3	53.9	2.4
	01:50 - 01:55	56.9	55.1	55.2	53.9	1.3
	01:55 - 02:00	56.5	55.1	53.9	53.9	0.0
	02:00 - 02:05	56.7	55.1	54.6	53.9	0.7
	02:05 - 02:10	56.5	55.1	53.9	53.9	0.0
	02:10 - 02:15	56.1	55.1	52.2	53.9	-1.7
	02:15 - 02:20	56.5	55.1	53.9	53.9	0.0
	02:20 - 02:25	57.4	55.1	56.5	53.9	2.6
	02:25 - 02:30	56.6	55.1	54.3	53.9	0.4
	02:30 - 02:35	57.0	55.1	55.5	53.9	1.6
	02:35 - 02:40	56.4	55.1	53.5	53.9	-0.4
	02:40 - 02:45	57.1	55.1	55.8	53.9	1.9
	02:45 - 02:50	56.3	55.1	53.1	53.9	-0.8
	02:50 - 02:55	56.4	55.1	53.5	53.9	-0.4
	02:55 - 03:00	56.6	55.1	54.3	53.9	0.4
	03:00 - 03:05	56.4	55.1	53.5	53.9	-0.4
	03:05 - 03:10	56.6	55.1	54.3	53.9	0.4
	03:10 - 03:15	57.4	55.1	56.5	53.9	2.6
	03:15 - 03:20	56.4	55.1	53.5	53.9	-0.4
	03:20 - 03:25	56.4	55.1	53.5	53.9	-0.4
	03:25 - 03:30	56.4	55.1	53.5	53.9	-0.4
	03:30 - 03:35	56.8	55.1	54.9	53.9	1.0
	03:35 - 03:40	56.5	55.1	53.9	53.9	0.0
	03:40 - 03:45	56.3	55.1	53.1	53.9	-0.8
	03:45 - 03:50	58.1	55.1	58.1	53.9	4.2
	03:50 - 03:55	56.8	55.1	54.9	53.9	1.0
	03:55 - 04:00	56.2	55.1	52.7	53.9	-1.2
มาตรฐานเสียงรบกวน ^{/1, /2}						10

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Request No. LA69-R0350
Report No. R6903-1147

TEST REPORT

CUSTOMER	: Siam Poongsan Metal Co., Ltd.	SAMPLE NO.	: 05682
ADDRESS	: 38/14 Moo 5 T. Tungsukla A, Sriracha, Chonburi 20230	MEASURING DATE	: 16-17/03/2026
SAMPLE SOURCE	: Siam Poongsan Metal Co., Ltd.	RECEIVED DATE	: 17/03/2026
SAMPLE POINT	: วิทยาลัยเทคโนโลยีวิศวกรรมแหลมฉบัง (ด้านทิศใต้ของโครงการ) (AN1)	REPORTED DATE	: 23/03/2026
PARAMETER*	: ระดับการรบกวน		
DETERMINATION METHOD	: ISO 1996-1:2016		
INSTRUMENT	: Integrated Sound Level Meter		
	S/N 00230987 : Class I		

วัน / เวลา ของระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด		ระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด L _{eq} (dB(A))	ระดับเสียง ⁴ ขณะไม่มี การรบกวน L _{eq} (dB(A))	ระดับเสียงขณะมีการรบกวน ⁵ dB(A)	ระดับเสียงพื้นฐาน ⁴ L ₉₀ (dB(A))	ระดับการรบกวน dB(A)
17/03/2026	04:00 - 04:05	57.2	55.1	56.0	53.9	2.1
	04:05 - 04:10	57.7	55.1	57.2	53.9	3.3
	04:10 - 04:15	57.3	55.1	56.3	53.9	2.4
	04:15 - 04:20	57.9	55.1	57.7	53.9	3.8
	04:20 - 04:25	58.3	55.1	58.5	53.9	4.6
	04:25 - 04:30	64.4	55.1	66.9	53.9	13.0
	04:30 - 04:35	59.9	55.1	61.2	53.9	7.3
	04:35 - 04:40	58.7	55.1	59.2	53.9	5.3
	04:40 - 04:45	61.0	55.1	62.7	53.9	8.8
	04:45 - 04:50	63.3	55.1	65.6	53.9	11.7
	04:50 - 04:55	60.1	55.1	61.4	53.9	7.5
	04:55 - 05:00	57.6	55.1	57.0	53.9	3.1
	05:00 - 05:05	61.0	55.1	62.7	53.9	8.8
	05:05 - 05:10	65.0	55.1	67.5	53.9	13.6
	05:10 - 05:15	60.3	55.1	61.7	53.9	7.8
	05:15 - 05:20	60.1	55.1	61.4	53.9	7.5
	05:20 - 05:25	59.0	55.1	59.7	53.9	5.8
	05:25 - 05:30	58.7	55.1	59.2	53.9	5.3
	05:30 - 05:35	58.2	55.1	58.3	53.9	4.4
	05:35 - 05:40	58.5	55.1	58.8	53.9	4.9
	05:40 - 05:45	58.2	55.1	58.3	53.9	4.4
	05:45 - 05:50	58.5	55.1	58.8	53.9	4.9
	05:50 - 05:55	59.5	55.1	60.5	53.9	6.6
	05:55 - 06:00	58.8	55.1	59.4	53.9	5.5
	06:00 - 06:05	60.3	60.8	-	55.6	-
	06:05 - 06:10	62.9	60.8	61.7	55.6	6.1
	06:10 - 06:15	60.1	60.8	-	55.6	-
	06:15 - 06:20	58.9	60.8	-	55.6	-
	06:20 - 06:25	60.1	60.8	-	55.6	-
	06:25 - 06:30	62.2	60.8	59.6	55.6	4.0
มาตรฐานเสียงรบกวน ^{1,2}						10

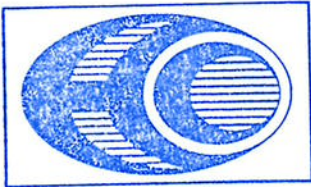
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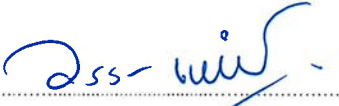
TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.
ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
SAMPLE POINT : วิทยาลัยเทคโนโลยีวิศวกรรมแหลมฉบัง (ด้านทิศใต้ของโครงการ) (AN1)
PARAMETER* : ระดับการรบกวน
DETERMINATION METHOD : ISO 1996-1:2016
INSTRUMENT : Integrated Sound Level Meter
S/N 00230987 : Class 1
SAMPLE NO. : 05682
MEASURING DATE : 16-17/03/2026
RECEIVED DATE : 17/03/2026
REPORTED DATE : 23/03/2026

วัน / เวลา ของระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด		ระดับเสียง ขณะเกิดเสียง ของแหล่งกำเนิด L _{eq} (dB(A))	ระดับเสียง ^{1/4} ขณะไม่มี การรบกวน L _{eq} (dB(A))	ระดับเสียงขณะมีการรบกวน ^{1/5} dB(A)	ระดับเสียงพื้นฐาน ^{1/4} L ₉₀ (dB(A))	ระดับการรบกวน dB(A)
17/03/2026	06:30 - 06:35	61.7	60.8	57.4	55.6	1.8
	06:35 - 06:40	64.0	60.8	64.2	55.6	8.6
	06:40 - 06:45	63.1	60.8	62.2	55.6	6.6
	06:45 - 06:50	69.8	60.8	72.2	55.6	16.6
	06:50 - 06:55	63.3	60.8	62.7	55.6	7.1
	06:55 - 07:00	64.4	60.8	64.9	55.6	9.3
	07:00 - 07:05	64.1	60.8	64.4	55.6	8.8
	07:05 - 07:10	66.3	60.8	67.9	55.6	12.3
	07:10 - 07:15	66.7	60.8	68.4	55.6	12.8
	07:15 - 07:20	66.0	60.8	67.4	55.6	11.8
	07:20 - 07:25	62.9	60.8	61.7	55.6	6.1
	07:25 - 07:30	70.0	60.8	72.4	55.6	16.8
	07:30 - 07:35	68.4	60.8	70.6	55.6	15.0
	07:35 - 07:40	65.2	60.8	66.2	55.6	10.6
	07:40 - 07:45	67.7	60.8	69.7	55.6	14.1
	07:45 - 07:50	69.0	60.8	71.3	55.6	15.7
	07:50 - 07:55	66.4	60.8	68.0	55.6	12.4
	07:55 - 08:00	64.7	60.8	65.4	55.6	9.8
มาตรฐานเสียงรบกวน ^{1/, 2/}						10

REMARK :
^{1/} Notification of Office of The National Environmental Board Volume 29 B.E. 2550 (2007)
^{2/} Notification of Ministry of the Industry B.E. 2548 (2005)
^{3/} Start Time
^{4/} Measuring Date and Time : 07-08/03/2026 (Day Time : 09:10 - 09:15, Night Time 03:40 - 03:45)
^{5/} Measurement Follow The Announcement of The Pollution Control Board B.E. 2565 (2022)
and The Notification of Ministry of the Industry B.E. 2567 (2024)
* Parameter Outside The Scope of The Registration of The Department of Industrial Works
(Measurement By Mr. Seksan Pluemwong)



Approved By 
(MRS. WANPEN LHAOCHINDAWAT)
23/03/2026

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด
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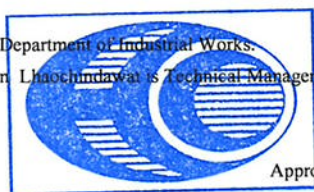
TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.**
ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230**
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.**
SAMPLE POINT : รีมรั้วโรงงานด้านทิศเหนือ (N1)**
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 00230993 : Class 1

SAMPLE NO. : 05648
MEASURING DATE : 10-11/03/2026
RECEIVED DATE : 17/03/2026
REPORTED DATE : 23/03/2026

TIME \ DATE	10-11/03/2026 (L_{eq})	10-11/03/2026 (L_{max})	10-11/03/2026 ($L_{90\#}$)	UNIT
08:00 - 09:00 ³	66.8	91.7	64.8	dB(A)
09:00 - 10:00	69.7	89.9	66.2	dB(A)
10:00 - 11:00	69.4	93.0	66.1	dB(A)
11:00 - 12:00	65.1	86.5	64.3	dB(A)
12:00 - 13:00	67.6	91.6	64.7	dB(A)
13:00 - 14:00	71.0	93.0	66.1	dB(A)
14:00 - 15:00	69.9	92.4	66.0	dB(A)
15:00 - 16:00	67.2	88.5	64.9	dB(A)
16:00 - 17:00	65.7	80.2	64.3	dB(A)
17:00 - 18:00	66.2	84.7	64.2	dB(A)
18:00 - 19:00	66.3	86.7	64.4	dB(A)
19:00 - 20:00	66.0	86.7	64.3	dB(A)
20:00 - 21:00	67.3	95.2	64.8	dB(A)
21:00 - 22:00	66.0	94.4	64.4	dB(A)
22:00 - 23:00	65.7	78.6	64.7	dB(A)
23:00 - 00:00	66.1	95.1	64.5	dB(A)
00:00 - 01:00	65.2	79.2	64.5	dB(A)
01:00 - 02:00	65.0	80.7	64.3	dB(A)
02:00 - 03:00	66.2	100.5	64.0	dB(A)
03:00 - 04:00	64.6	72.6	64.1	dB(A)
04:00 - 05:00	65.1	85.1	64.4	dB(A)
05:00 - 06:00	65.9	92.9	64.7	dB(A)
06:00 - 07:00	66.4	84.2	65.1	dB(A)
07:00 - 08:00	66.4	85.0	64.7	dB(A)
L_{eq} 24 hr.	67.1	-	-	dB(A)
$L_{dn\#}$	72.4	-	-	dB(A)
Maximum	-	100.5	-	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
^{##} ISO 1996-1:2016, Notification of The Department of Industrial Works on Methods for Measuring Noise Annoyance, Noise Level 24-Hour Average and Maximum Noise Level From Factory B.E. 2567 (2024), Dated February 21, 2024, Notification of The National Environmental Board Volume 15 B.E. 2540 (1997) on The General Noise Level Standards, Dated April 3, 1997, Notification of The Pollution Control Department on The Calculation of The Noise Level, Dated November 25, 1997
^{/1} Notification of The National Environmental Board Volume 15 B.E. 2540 (1997)
^{/2} Notification of Ministry of the Industry B.E. 2548 (2005)
^{/3} Start Time
* Parameter Outside The Scope of The Registration of The Department of Industrial Works.
(Ms. Thanatporn Klinsopon is Section Head, Mrs. Wanpen Lhaochindawat is Technical Management)
(Measurement By Mr. Seksan Pluemwong)
** These Data are Non Laboratory Data



Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

23/03/2026

บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

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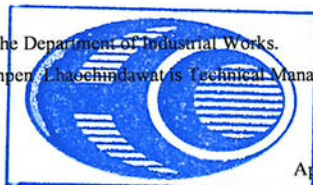
TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.**
ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230**
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.**
SAMPLE POINT : ริมรั้วโรงงานด้านทิศเหนือ (N1)**
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 00230993 : Class 1

SAMPLE NO. : 05649
MEASURING DATE : 11-12/03/2026
RECEIVED DATE : 17/03/2026
REPORTED DATE : 23/03/2026

TIME \ DATE	11-12/03/2026 (L_{eq})	11-12/03/2026 (L_{max})	11-12/03/2026 ($L_{90\#}$)	UNIT
08:00 - 09:00 ^{1/3}	69.0	94.5	66.1	dB(A)
09:00 - 10:00	69.2	90.6	66.8	dB(A)
10:00 - 11:00	68.7	89.6	66.1	dB(A)
11:00 - 12:00	66.9	88.5	65.0	dB(A)
12:00 - 13:00	67.1	96.9	64.8	dB(A)
13:00 - 14:00	70.2	92.1	66.1	dB(A)
14:00 - 15:00	68.5	89.4	66.2	dB(A)
15:00 - 16:00	68.8	91.0	66.1	dB(A)
16:00 - 17:00	67.7	91.3	65.3	dB(A)
17:00 - 18:00	67.6	91.5	65.0	dB(A)
18:00 - 19:00	67.7	90.8	65.1	dB(A)
19:00 - 20:00	66.1	83.8	64.5	dB(A)
20:00 - 21:00	66.4	84.2	64.5	dB(A)
21:00 - 22:00	65.5	79.0	64.5	dB(A)
22:00 - 23:00	65.4	79.9	64.6	dB(A)
23:00 - 00:00	65.1	76.1	64.5	dB(A)
00:00 - 01:00	65.5	88.9	64.5	dB(A)
01:00 - 02:00	65.2	80.1	64.5	dB(A)
02:00 - 03:00	65.2	79.0	64.6	dB(A)
03:00 - 04:00	65.3	88.3	64.4	dB(A)
04:00 - 05:00	64.6	71.4	64.1	dB(A)
05:00 - 06:00	65.5	89.0	64.5	dB(A)
06:00 - 07:00	66.3	78.8	64.9	dB(A)
07:00 - 08:00	66.6	80.2	65.2	dB(A)
L_{eq} 24 hr.	67.1	-	-	dB(A)
$L_{dn\#}$	72.2	-	-	dB(A)
Maximum	-	96.9	-	dB(A)
Standard	$70^{1/1}, 70^{1/2}$	$115^{1/1}, 115^{1/2}$	-	dB(A)

REMARK : [#] Test Report/Sampling marked 'Not TISI Accredited' in this report are not included in the TISI Accreditation Schedule for our laboratory
^{##} ISO 1996-1:2016, Notification of The Department of Industrial Works on Methods for Measuring Noise Annoyance, Noise Level 24-Hour Average and Maximum Noise Level From Factory B.E. 2567 (2024), Dated February 21, 2024, Notification of The National Environmental Board Volume 15 B.E. 2540 (1997) on The General Noise Level Standards, Dated April 3, 1997, Notification of The Pollution Control Department on The Calculation of The Noise Level, Dated November 25, 1997
^{1/1} Notification of The National Environmental Board Volume 15 B.E. 2540 (1997)
^{1/2} Notification of Ministry of the Industry B.E. 2548 (2005)
^{1/3} Start Time
* Parameter Outside The Scope of The Registration of The Department of Industrial Works.
(Ms. Thanatporn Klinsoon is Section Head, Mrs. Wanpen Lhaochindawat is Technical Management)
(Measurement By Mr. Seksan Pluemwong)
** These Data are Non Laboratory Data



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Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

23/03/2026

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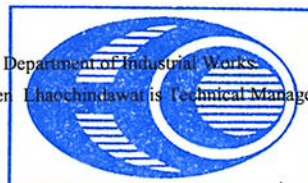
TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.**
ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230**
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.**
SAMPLE POINT : ริมรั้วโรงงานด้านทิศเหนือ (N1)**
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 00230993 : Class 1

SAMPLE NO. : 05650
MEASURING DATE : 12-13/03/2026
RECEIVED DATE : 17/03/2026
REPORTED DATE : 23/03/2026

TIME \ DATE	12-13/03/2026 (L_{eq})	12-13/03/2026 (L_{max})	12-13/03/2026 ($L_{90\#}$)	UNIT
08:00 - 09:00 ³	68.2	90.2	66.3	dB(A)
09:00 - 10:00	69.7	92.0	67.1	dB(A)
10:00 - 11:00	69.7	91.4	66.4	dB(A)
11:00 - 12:00	66.6	93.8	65.1	dB(A)
12:00 - 13:00	67.2	89.8	65.3	dB(A)
13:00 - 14:00	69.1	91.5	66.1	dB(A)
14:00 - 15:00	69.4	92.6	66.2	dB(A)
15:00 - 16:00	69.7	92.5	66.0	dB(A)
16:00 - 17:00	68.3	92.3	65.6	dB(A)
17:00 - 18:00	66.2	82.2	65.0	dB(A)
18:00 - 19:00	68.7	91.3	65.9	dB(A)
19:00 - 20:00	66.6	92.2	64.7	dB(A)
20:00 - 21:00	65.9	79.9	64.8	dB(A)
21:00 - 22:00	66.1	89.9	64.5	dB(A)
22:00 - 23:00	66.0	82.7	64.6	dB(A)
23:00 - 00:00	65.5	89.8	64.6	dB(A)
00:00 - 01:00	65.5	89.1	64.5	dB(A)
01:00 - 02:00	65.0	75.9	64.5	dB(A)
02:00 - 03:00	65.8	98.8	64.2	dB(A)
03:00 - 04:00	64.6	76.6	64.1	dB(A)
04:00 - 05:00	64.9	73.0	64.3	dB(A)
05:00 - 06:00	65.6	88.1	64.6	dB(A)
06:00 - 07:00	66.2	78.6	65.0	dB(A)
07:00 - 08:00	66.9	90.6	64.8	dB(A)
L_{eq} 24 hr.	67.3	-	-	dB(A)
$L_{dn\#}$	72.4	-	-	dB(A)
Maximum	-	98.8	-	dB(A)
Standard	$70^{/1}, 70^{/2}$	$115^{/1}, 115^{/2}$	-	dB(A)

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^{/3} Start Time
* Parameter Outside The Scope of The Registration of The Department of Industrial Works
(Ms. Thanatporn Klinsoon is Section Head, Mrs. Wanpen Lhaochindawat is Technical Management)
(Measurement By Mr. Seksan Pluemwong)
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Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

23/03/2026

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TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.**
ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230**
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.**
SAMPLE POINT : ริมรั้ว โรงงานด้านทิศเหนือ (N1)**
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 00230993 : Class 1

SAMPLE NO. : 05651
MEASURING DATE : 13-14/03/2026
RECEIVED DATE : 17/03/2026
REPORTED DATE : 23/03/2026

TIME \ DATE	13-14/03/2026 (L_{eq})	13-14/03/2026 (L_{max})	13-14/03/2026 (L_{90})#	UNIT
08:00 - 09:00 ^{1/3}	66.5	88.4	65.0	dB(A)
09:00 - 10:00	68.6	90.5	66.2	dB(A)
10:00 - 11:00	69.3	92.1	66.2	dB(A)
11:00 - 12:00	66.3	84.1	64.8	dB(A)
12:00 - 13:00	66.4	88.2	64.9	dB(A)
13:00 - 14:00	71.2	92.4	66.4	dB(A)
14:00 - 15:00	71.6	95.5	68.9	dB(A)
15:00 - 16:00	68.1	88.7	66.3	dB(A)
16:00 - 17:00	68.9	88.3	66.2	dB(A)
17:00 - 18:00	68.1	88.4	65.6	dB(A)
18:00 - 19:00	70.2	96.1	66.4	dB(A)
19:00 - 20:00	66.6	94.7	64.7	dB(A)
20:00 - 21:00	66.0	85.6	64.8	dB(A)
21:00 - 22:00	65.5	82.8	64.7	dB(A)
22:00 - 23:00	65.6	88.3	64.6	dB(A)
23:00 - 00:00	66.1	94.8	64.9	dB(A)
00:00 - 01:00	65.3	73.3	64.7	dB(A)
01:00 - 02:00	65.9	92.9	64.6	dB(A)
02:00 - 03:00	66.3	99.2	64.4	dB(A)
03:00 - 04:00	64.7	74.9	64.1	dB(A)
04:00 - 05:00	65.0	74.1	64.4	dB(A)
05:00 - 06:00	66.9	99.4	64.8	dB(A)
06:00 - 07:00	65.6	81.7	64.7	dB(A)
07:00 - 08:00	66.2	84.6	64.8	dB(A)
L_{eq} 24 hr.	67.6	-	-	dB(A)
L_{dn} #	72.7	-	-	dB(A)
Maximum	-	99.4	-	dB(A)
Standard	$70^{1/1}, 70^{1/2}$	$115^{1/1}, 115^{1/2}$	-	dB(A)

REMARK : # Test Report/Sampling marked 'Not TISI Accredited' in this report are not included in the TISI Accreditation Schedule for our laboratory
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^{1/3} Start Time
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23/03/2026

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TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.**
ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230**
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.**
SAMPLE POINT : ริมรั้วโรงงานด้านทิศเหนือ (N1)**
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 00230993 : Class 1

SAMPLE NO. : 05652
MEASURING DATE : 14-15/03/2026
RECEIVED DATE : 17/03/2026
REPORTED DATE : 23/03/2026

TIME \ DATE	14-15/03/2026 (L_{eq})	14-15/03/2026 (L_{max})	14-15/03/2026 ($L_{90\#}$)	UNIT
08:00 - 09:00 ¹³	69.6	92.0	66.2	dB(A)
09:00 - 10:00	69.4	89.2	66.3	dB(A)
10:00 - 11:00	69.1	89.4	66.0	dB(A)
11:00 - 12:00	66.0	89.0	64.4	dB(A)
12:00 - 13:00	65.1	78.3	64.5	dB(A)
13:00 - 14:00	68.4	88.6	65.6	dB(A)
14:00 - 15:00	68.5	88.0	65.5	dB(A)
15:00 - 16:00	68.5	98.0	65.3	dB(A)
16:00 - 17:00	68.2	91.2	65.2	dB(A)
17:00 - 18:00	68.1	88.7	65.0	dB(A)
18:00 - 19:00	65.6	81.4	64.3	dB(A)
19:00 - 20:00	65.3	83.4	64.1	dB(A)
20:00 - 21:00	65.9	82.1	64.5	dB(A)
21:00 - 22:00	65.2	83.9	64.3	dB(A)
22:00 - 23:00	66.6	92.8	64.5	dB(A)
23:00 - 00:00	65.1	79.0	64.2	dB(A)
00:00 - 01:00	67.2	101.4	64.3	dB(A)
01:00 - 02:00	65.2	83.7	64.5	dB(A)
02:00 - 03:00	64.9	75.9	64.4	dB(A)
03:00 - 04:00	64.8	81.9	64.2	dB(A)
04:00 - 05:00	64.8	73.0	64.3	dB(A)
05:00 - 06:00	65.2	80.7	64.5	dB(A)
06:00 - 07:00	70.4	105.8	64.7	dB(A)
07:00 - 08:00	61.7	71.6	59.0	dB(A)
L_{eq} 24 hr.	67.1	-	-	dB(A)
$L_{dn\#}$	73.0	-	-	dB(A)
Maximum	-	105.8	-	dB(A)
Standard	$70^{1/1}, 70^{1/2}$	$115^{1/1}, 115^{1/2}$	-	dB(A)

REMARK : [#] Test Report/Sampling marked 'Not TISI Accredited' in this report are not included in the TISI Accreditation Schedule for our laboratory
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^{1/3} Start Time
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(Measurement By Mr. Seksan Pluemwong)
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TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.**
ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230**
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.**
SAMPLE POINT : ริมรั้วโรงงานด้านทิศเหนือ (N1)**
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 00230993 : Class I

SAMPLE NO. : 05653
MEASURING DATE : 15-16/03/2026
RECEIVED DATE : 17/03/2026
REPORTED DATE : 23/03/2026

TIME \ DATE	15-16/03/2026 (L_{eq})	15-16/03/2026 (L_{max})	15-16/03/2026 ($L_{90\#}$)	UNIT
08:00 - 09:00 ^{/3}	57.9	78.1	53.6	dB(A)
09:00 - 10:00	61.6	95.8	54.1	dB(A)
10:00 - 11:00	56.6	83.4	53.2	dB(A)
11:00 - 12:00	55.6	77.7	52.3	dB(A)
12:00 - 13:00	56.4	79.1	52.4	dB(A)
13:00 - 14:00	57.7	83.4	53.6	dB(A)
14:00 - 15:00	60.9	93.0	54.0	dB(A)
15:00 - 16:00	56.5	71.4	54.0	dB(A)
16:00 - 17:00	56.7	82.1	54.0	dB(A)
17:00 - 18:00	66.2	101.7	57.7	dB(A)
18:00 - 19:00	61.7	97.4	53.4	dB(A)
19:00 - 20:00	58.0	77.0	53.4	dB(A)
20:00 - 21:00	65.0	81.3	64.2	dB(A)
21:00 - 22:00	65.1	80.3	64.4	dB(A)
22:00 - 23:00	65.0	75.2	64.5	dB(A)
23:00 - 00:00	65.1	75.9	64.6	dB(A)
00:00 - 01:00	65.4	81.6	64.7	dB(A)
01:00 - 02:00	65.3	80.8	64.6	dB(A)
02:00 - 03:00	65.1	80.7	64.5	dB(A)
03:00 - 04:00	64.8	75.4	64.4	dB(A)
04:00 - 05:00	65.1	84.7	64.4	dB(A)
05:00 - 06:00	65.2	83.4	64.3	dB(A)
06:00 - 07:00	65.9	84.3	64.8	dB(A)
07:00 - 08:00	66.3	84.4	64.8	dB(A)
L_{eq} 24 hr.	63.4	-	-	dB(A)
$L_{dn\#}$	71.3	-	-	dB(A)
Maximum	-	101.7	-	dB(A)
Standard	$70^{/1}, 70^{/2}$	$115^{/1}, 115^{/2}$	-	dB(A)

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TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.**
ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230**
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.**
SAMPLE POINT : รีมรั่วโรงงานด้านทิศเหนือ (N1)**
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 00230993 : Class 1

SAMPLE NO. : 05654
MEASURING DATE : 16-17/03/2026
RECEIVED DATE : 17/03/2026
REPORTED DATE : 23/03/2026

TIME \ DATE	16-17/03/2026 (L_{eq})	16-17/03/2026 (L_{max})	16-17/03/2026 ($L_{90\#}$)	UNIT
08:00 - 09:00 ^{/3}	70.0	99.3	66.1	dB(A)
09:00 - 10:00	72.5	107.2	66.8	dB(A)
10:00 - 11:00	70.1	90.6	66.6	dB(A)
11:00 - 12:00	66.4	85.1	65.1	dB(A)
12:00 - 13:00	67.0	90.1	65.0	dB(A)
13:00 - 14:00	70.9	92.9	67.1	dB(A)
14:00 - 15:00	69.4	91.9	66.5	dB(A)
15:00 - 16:00	69.6	94.5	66.4	dB(A)
16:00 - 17:00	69.0	90.0	66.1	dB(A)
17:00 - 18:00	68.5	90.5	65.3	dB(A)
18:00 - 19:00	69.3	90.6	65.9	dB(A)
19:00 - 20:00	66.5	97.4	64.5	dB(A)
20:00 - 21:00	66.0	84.9	64.7	dB(A)
21:00 - 22:00	66.3	95.7	64.6	dB(A)
22:00 - 23:00	66.8	93.6	64.8	dB(A)
23:00 - 00:00	65.5	94.4	64.3	dB(A)
00:00 - 01:00	68.2	101.5	64.5	dB(A)
01:00 - 02:00	65.9	82.8	64.7	dB(A)
02:00 - 03:00	66.0	92.8	64.6	dB(A)
03:00 - 04:00	64.8	81.8	64.2	dB(A)
04:00 - 05:00	64.6	78.4	64.0	dB(A)
05:00 - 06:00	65.9	99.4	64.1	dB(A)
06:00 - 07:00	66.0	79.7	64.8	dB(A)
07:00 - 08:00	67.3	95.2	65.1	dB(A)
L_{eq} 24 hr.	68.1	-	-	dB(A)
$L_{dn\#}$	73.1	-	-	dB(A)
Maximum	-	107.2	-	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
^{##} ISO 1996-1:2016, Notification of The Department of Industrial Works on Methods for Measuring Noise Annoyance, Noise Level 24-Hour Average and Maximum Noise Level From Factory B.E. 2567 (2024), Dated February 21, 2024, Notification of The National Environmental Board Volume 15 B.E. 2540 (1997) on The General Noise Level Standards, Dated April 3, 1997, Notification of The Pollution Control Department on The Calculation of The Noise Level, Dated November 25, 1997

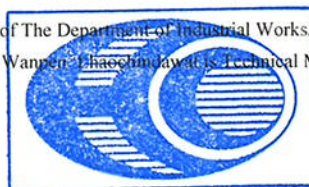
^{/1} Notification of The National Environmental Board Volume 15 B.E. 2540 (1997)

^{/2} Notification of Ministry of the Industry B.E. 2548 (2005)

^{/3} Start Time

* Parameter Outside The Scope of The Registration of The Department of Industrial Works.
(Ms. Thanatporn Klinsoon is Section Head, Mrs. Wanpen Lhaochindawat is Technical Management)
(Measurement By Mr. Seksan Pluemwong)

** These Data are Non Laboratory Data



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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

23/03/2026

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.**
ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230**
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.**
SAMPLE POINT : ริมรั้วโรงงานด้านทิศตะวันออก (N2)**
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 01120947 : Class 1

SAMPLE NO. : 05655
MEASURING DATE : 10-11/03/2026
RECEIVED DATE : 17/03/2026
REPORTED DATE : 23/03/2026

TIME \ DATE	10-11/03/2026 (L_{eq})	10-11/03/2026 (L_{max})	10-11/03/2026 ($L_{90\#}$)	UNIT
08:00 - 09:00 ⁷³	56.2	69.3	54.9	dB(A)
09:00 - 10:00	62.0	79.0	60.6	dB(A)
10:00 - 11:00	61.3	66.5	60.5	dB(A)
11:00 - 12:00	59.3	84.0	57.7	dB(A)
12:00 - 13:00	60.9	87.9	59.5	dB(A)
13:00 - 14:00	61.9	87.0	60.6	dB(A)
14:00 - 15:00	62.8	94.7	61.1	dB(A)
15:00 - 16:00	62.4	77.6	61.6	dB(A)
16:00 - 17:00	62.6	69.8	61.8	dB(A)
17:00 - 18:00	59.6	75.5	58.5	dB(A)
18:00 - 19:00	62.9	80.3	61.8	dB(A)
19:00 - 20:00	59.1	86.9	56.0	dB(A)
20:00 - 21:00	60.8	65.2	60.0	dB(A)
21:00 - 22:00	62.3	65.7	61.7	dB(A)
22:00 - 23:00	62.4	66.7	61.8	dB(A)
23:00 - 00:00	62.5	66.1	61.9	dB(A)
00:00 - 01:00	62.4	68.2	61.8	dB(A)
01:00 - 02:00	62.6	69.1	62.0	dB(A)
02:00 - 03:00	62.5	67.1	61.9	dB(A)
03:00 - 04:00	62.4	66.6	61.8	dB(A)
04:00 - 05:00	57.6	65.6	56.9	dB(A)
05:00 - 06:00	61.9	66.4	61.0	dB(A)
06:00 - 07:00	62.5	83.3	61.6	dB(A)
07:00 - 08:00	57.1	75.0	54.7	dB(A)
L_{eq} 24 hr.	61.5	-	-	dB(A)
$L_{dn\#}$	68.4	-	-	dB(A)
Maximum	-	94.7	-	dB(A)
Standard	70 ⁷¹ , 70 ⁷²	115 ⁷¹ , 115 ⁷²	-	dB(A)

REMARK : # Test Report/Sampling marked 'Not TISI Accredited' in this report are not included in the TISI Accreditation Schedule for our laboratory
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⁷¹ Notification of The National Environmental Board Volume 15 B.E. 2540 (1997)
⁷² Notification of Ministry of the Industry B.E. 2548 (2005)
⁷³ Start Time
* Parameter Outside The Scope of The Registration of The Department of Industrial Works.
(Ms. Thanatporn Klinsopon is Section Head, Mrs. Wanpen Lhaochindawat is Technical Management)
(Measurement By Mr. Seksan Pluemwong)
** These Data are Non Laboratory Data



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Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

23/03/2026

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TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.**
ADDRESS : 38/14 Moo 5 T. Tungskula A. Sriracha, Chonburi 20230**
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.**
SAMPLE POINT : ริมรั้วโรงงานด้านทิศตะวันออก (N2)**
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 01120947 : Class 1

SAMPLE NO. : 05656
MEASURING DATE : 11-12/03/2026
RECEIVED DATE : 17/03/2026
REPORTED DATE : 23/03/2026

TIME \ DATE	11-12/03/2026 (L_{eq})	11-12/03/2026 (L_{max})	11-12/03/2026 ($L_{90\#}$)	UNIT
08:00 - 09:00 ¹³	63.3	99.8	55.9	dB(A)
09:00 - 10:00	62.2	81.9	60.5	dB(A)
10:00 - 11:00	61.6	71.8	60.7	dB(A)
11:00 - 12:00	58.4	74.2	57.2	dB(A)
12:00 - 13:00	58.7	64.3	57.9	dB(A)
13:00 - 14:00	61.8	84.1	60.9	dB(A)
14:00 - 15:00	62.1	84.7	60.8	dB(A)
15:00 - 16:00	61.6	73.2	61.0	dB(A)
16:00 - 17:00	62.0	67.0	61.3	dB(A)
17:00 - 18:00	59.0	69.7	57.7	dB(A)
18:00 - 19:00	62.3	86.6	61.1	dB(A)
19:00 - 20:00	55.6	70.7	54.9	dB(A)
20:00 - 21:00	57.1	68.4	56.5	dB(A)
21:00 - 22:00	62.2	66.2	61.5	dB(A)
22:00 - 23:00	62.3	66.3	61.7	dB(A)
23:00 - 00:00	62.3	65.4	61.7	dB(A)
00:00 - 01:00	62.3	68.8	61.7	dB(A)
01:00 - 02:00	62.4	67.4	61.8	dB(A)
02:00 - 03:00	62.4	66.8	61.8	dB(A)
03:00 - 04:00	62.4	65.8	61.8	dB(A)
04:00 - 05:00	58.8	64.5	58.0	dB(A)
05:00 - 06:00	61.4	66.4	60.5	dB(A)
06:00 - 07:00	61.3	66.0	60.5	dB(A)
07:00 - 08:00	59.7	96.0	55.5	dB(A)
L_{eq} 24 hr.	61.3	-	-	dB(A)
$L_{dn\#}$	68.2	-	-	dB(A)
Maximum	-	99.8	-	dB(A)
Standard	70 ¹¹ , 70 ¹²	115 ¹¹ , 115 ¹²	-	dB(A)

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¹² Notification of Ministry of the Industry B.E. 2548 (2005)
¹³ Start Time
* Parameter Outside The Scope of The Registration of The Department of Industrial Works.
(Ms. Thanatporn Klinsoon is Section Head. Mrs. Wanpen Lhaochindawat is Technical Management)
(Measurement By Mr. Seksan Pluemwong)
** These Data are Non Laboratory Data



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23/03/2026

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TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.**
ADDRESS : 38/14 Moo 5 T. Tungskula A. Sriracha, Chonburi 20230**
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.**
SAMPLE POINT : ริมรั้วโรงงานด้านทิศตะวันออก (N2)**
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 01120947 : Class 1

SAMPLE NO. : 05657
MEASURING DATE : 12-13/03/2026
RECEIVED DATE : 17/03/2026
REPORTED DATE : 23/03/2026

TIME \ DATE	12-13/03/2026 (L_{eq})	12-13/03/2026 (L_{max})	12-13/03/2026 ($L_{90\#}$)	UNIT
08:00 - 09:00 ¹³	62.2	87.6	60.8	dB(A)
09:00 - 10:00	63.9	69.4	63.3	dB(A)
10:00 - 11:00	63.0	70.2	62.4	dB(A)
11:00 - 12:00	61.5	87.2	59.4	dB(A)
12:00 - 13:00	60.9	67.4	60.0	dB(A)
13:00 - 14:00	63.5	93.1	61.8	dB(A)
14:00 - 15:00	62.6	69.0	61.8	dB(A)
15:00 - 16:00	62.8	93.0	61.6	dB(A)
16:00 - 17:00	62.3	83.1	61.0	dB(A)
17:00 - 18:00	59.4	69.3	58.4	dB(A)
18:00 - 19:00	61.8	67.9	60.9	dB(A)
19:00 - 20:00	57.6	89.7	54.9	dB(A)
20:00 - 21:00	60.3	67.3	59.7	dB(A)
21:00 - 22:00	62.9	66.4	62.3	dB(A)
22:00 - 23:00	62.8	72.9	62.1	dB(A)
23:00 - 00:00	62.9	67.3	62.3	dB(A)
00:00 - 01:00	62.9	67.9	62.3	dB(A)
01:00 - 02:00	62.9	66.1	62.3	dB(A)
02:00 - 03:00	63.0	66.9	62.4	dB(A)
03:00 - 04:00	63.3	91.1	62.2	dB(A)
04:00 - 05:00	62.5	65.5	61.8	dB(A)
05:00 - 06:00	62.7	65.4	62.1	dB(A)
06:00 - 07:00	62.1	68.7	61.3	dB(A)
07:00 - 08:00	58.7	89.5	56.7	dB(A)
L_{eq} 24 hr.	62.2	-	-	dB(A)
$L_{dn\#}$	69.1	-	-	dB(A)
Maximum	-	93.1	-	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
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¹² Notification of Ministry of the Industry B.E. 2548 (2005)
¹³ Start Time
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(Measurement By Mr. Seksan Pluemwong)
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Approved By.....
(MRS. WANPEN LHAOCHINDAWAT)

23/03/2026

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TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.**
ADDRESS : 38/14 Moo 5 T. Tungskula A. Sriracha, Chonburi 20230**
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.**
SAMPLE POINT : ริมรั้วโรงงานด้านทิศตะวันออก (N2)**
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 01120947 : Class 1

SAMPLE NO. : 05658
MEASURING DATE : 13-14/03/2026
RECEIVED DATE : 17/03/2026
REPORTED DATE : 23/03/2026

TIME \ DATE	13-14/03/2026 (L_{eq})	13-14/03/2026 (L_{max})	13-14/03/2026 ($L_{90\#}$)	UNIT
08:00 - 09:00 ³	61.5	89.1	58.6	dB(A)
09:00 - 10:00	66.1	102.3	56.0	dB(A)
10:00 - 11:00	59.3	71.5	58.2	dB(A)
11:00 - 12:00	55.0	66.5	53.9	dB(A)
12:00 - 13:00	60.4	65.2	59.5	dB(A)
13:00 - 14:00	65.2	95.3	61.6	dB(A)
14:00 - 15:00	65.4	83.1	63.9	dB(A)
15:00 - 16:00	61.9	71.9	61.2	dB(A)
16:00 - 17:00	57.8	68.3	57.1	dB(A)
17:00 - 18:00	56.2	71.0	55.4	dB(A)
18:00 - 19:00	56.3	70.2	55.6	dB(A)
19:00 - 20:00	56.8	77.8	55.4	dB(A)
20:00 - 21:00	60.8	70.4	60.0	dB(A)
21:00 - 22:00	62.8	71.3	62.1	dB(A)
22:00 - 23:00	63.5	93.4	62.1	dB(A)
23:00 - 00:00	62.9	66.2	62.3	dB(A)
00:00 - 01:00	63.0	67.7	62.3	dB(A)
01:00 - 02:00	63.3	82.6	62.5	dB(A)
02:00 - 03:00	63.1	68.1	62.5	dB(A)
03:00 - 04:00	63.1	67.4	62.5	dB(A)
04:00 - 05:00	62.8	67.1	62.1	dB(A)
05:00 - 06:00	62.9	68.1	62.2	dB(A)
06:00 - 07:00	62.3	69.4	61.4	dB(A)
07:00 - 08:00	56.1	67.4	54.9	dB(A)
L_{eq} 24 hr.	62.2	-	-	dB(A)
$L_{dn\#}$	69.2	-	-	dB(A)
Maximum	-	102.3	-	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
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^{/1} Notification of The National Environmental Board Volume 15 B.E. 2540 (1997)
^{/2} Notification of Ministry of the Industry B.E. 2548 (2005)
^{/3} Start Time
* Parameter Outside The Scope of The Registration of The Department of Industrial Works.
(Ms. Thanatporn Klinsoon is Section Head, Mrs. Wanpen Lhaochindawat is Technical Management)
(Measurement By Mr. Seksan Pluemwong)
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23/03/2026

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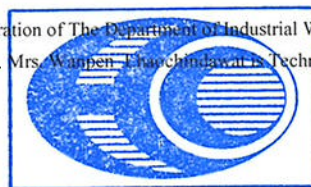
TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.**
ADDRESS : 38/14 Moo 5 T. Tungskula A. Sriracha. Chonburi 20230**
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.**
SAMPLE POINT : รีมรั้วโรงงานด้านทิศตะวันออก (N2)**
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 01120947 : Class 1

SAMPLE NO. : 05659
MEASURING DATE : 14-15/03/2026
RECEIVED DATE : 17/03/2026
REPORTED DATE : 23/03/2026

TIME \ DATE	14-15/03/2026 (L_{eq})	14-15/03/2026 (L_{max})	14-15/03/2026 ($L_{90\%}$)	UNIT
08:00 - 09:00 ¹³	61.6	67.5	60.7	dB(A)
09:00 - 10:00	62.0	68.5	61.1	dB(A)
10:00 - 11:00	61.9	68.7	61.1	dB(A)
11:00 - 12:00	58.8	68.0	57.5	dB(A)
12:00 - 13:00	60.0	64.7	59.3	dB(A)
13:00 - 14:00	61.8	66.0	61.1	dB(A)
14:00 - 15:00	61.7	68.1	61.0	dB(A)
15:00 - 16:00	61.8	71.0	61.1	dB(A)
16:00 - 17:00	61.7	72.6	61.1	dB(A)
17:00 - 18:00	69.2	93.9	61.4	dB(A)
18:00 - 19:00	62.5	88.1	60.9	dB(A)
19:00 - 20:00	55.3	78.1	54.6	dB(A)
20:00 - 21:00	60.8	70.8	59.9	dB(A)
21:00 - 22:00	62.7	66.8	62.1	dB(A)
22:00 - 23:00	62.6	66.2	62.0	dB(A)
23:00 - 00:00	62.6	66.3	62.0	dB(A)
00:00 - 01:00	62.5	65.6	61.9	dB(A)
01:00 - 02:00	62.4	65.7	61.8	dB(A)
02:00 - 03:00	62.5	64.8	61.9	dB(A)
03:00 - 04:00	62.6	65.1	62.0	dB(A)
04:00 - 05:00	57.9	64.5	57.1	dB(A)
05:00 - 06:00	60.2	68.0	59.5	dB(A)
06:00 - 07:00	62.1	74.7	61.1	dB(A)
07:00 - 08:00	54.5	63.2	53.8	dB(A)
L_{eq} 24 hr.	62.2	-	-	dB(A)
L_{dn} ¹⁴	68.4	-	-	dB(A)
Maximum	-	93.9	-	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
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¹³ Start Time
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(Measurement By Mr. Seksan Pluemwong)
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23/03/2026

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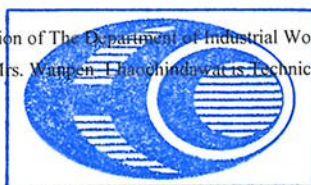
TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.**
ADDRESS : 38/14 Moo 5 T. Tungskula A. Sriracha, Chonburi 20230**
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.**
SAMPLE POINT : รีมรั่วโรงงานด้านทิศตะวันออก (N2)**
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 01120947 : Class 1

SAMPLE NO. : 05660
MEASURING DATE : 15-16/03/2026
RECEIVED DATE : 17/03/2026
REPORTED DATE : 23/03/2026

TIME \ DATE	15-16/03/2026 (L_{eq})	15-16/03/2026 (L_{max})	15-16/03/2026 ($L_{90\#}$)	UNIT
08:00 - 09:00 ¹³	57.7	88.1	55.4	dB(A)
09:00 - 10:00	60.9	96.0	55.6	dB(A)
10:00 - 11:00	56.3	61.8	55.6	dB(A)
11:00 - 12:00	55.4	62.4	54.8	dB(A)
12:00 - 13:00	55.6	59.3	55.0	dB(A)
13:00 - 14:00	56.7	67.2	56.1	dB(A)
14:00 - 15:00	56.7	63.4	56.1	dB(A)
15:00 - 16:00	58.2	86.0	56.3	dB(A)
16:00 - 17:00	58.3	86.3	56.2	dB(A)
17:00 - 18:00	56.1	63.5	55.5	dB(A)
18:00 - 19:00	56.1	61.5	55.5	dB(A)
19:00 - 20:00	54.5	66.6	53.9	dB(A)
20:00 - 21:00	61.5	64.7	60.7	dB(A)
21:00 - 22:00	62.0	65.9	61.3	dB(A)
22:00 - 23:00	61.9	64.6	61.3	dB(A)
23:00 - 00:00	61.9	64.2	61.2	dB(A)
00:00 - 01:00	62.0	64.3	61.3	dB(A)
01:00 - 02:00	62.1	64.5	61.4	dB(A)
02:00 - 03:00	62.2	64.7	61.6	dB(A)
03:00 - 04:00	61.6	64.3	60.8	dB(A)
04:00 - 05:00	54.4	57.0	54.0	dB(A)
05:00 - 06:00	61.3	64.6	60.5	dB(A)
06:00 - 07:00	62.3	71.3	61.6	dB(A)
07:00 - 08:00	60.3	80.8	58.5	dB(A)
L_{eq} 24 hr.	59.8	-	-	dB(A)
$L_{dn\#}$	67.6	-	-	dB(A)
Maximum	-	96.0	-	dB(A)
Standard	70 ¹¹ , 70 ¹²	115 ¹¹ , 115 ¹²	-	dB(A)

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¹³ Start Time
* Parameter Outside The Scope of The Registration of The Department of Industrial Works.
(Ms. Thanatporn Klinsonon is Section Head. Mrs. Wanpen Lhaochindawat is Technical Management)
(Measurement By Mr. Seksan Pluemwong)
** These Data are Non Laboratory Data



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

23/03/2026

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TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.**
ADDRESS : 38/14 Moo 5 T. Tungskula A. Sriracha, Chonburi 20230**
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.**
SAMPLE POINT : ริมรั้วโรงงานด้านทิศตะวันออก (N2)**
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 01120947 : Class 1

SAMPLE NO. : 05661
MEASURING DATE : 16-17/03/2026
RECEIVED DATE : 17/03/2026
REPORTED DATE : 23/03/2026

TIME \ DATE	16-17/03/2026 (L_{eq})	16-17/03/2026 (L_{max})	16-17/03/2026 ($L_{90}^{\#}$)	UNIT
08:00 - 09:00 ¹³	60.2	85.4	56.5	dB(A)
09:00 - 10:00	62.5	78.1	61.6	dB(A)
10:00 - 11:00	62.8	78.8	61.7	dB(A)
11:00 - 12:00	61.7	90.0	59.3	dB(A)
12:00 - 13:00	62.1	67.1	61.2	dB(A)
13:00 - 14:00	62.7	70.6	61.9	dB(A)
14:00 - 15:00	62.5	69.0	61.8	dB(A)
15:00 - 16:00	62.5	67.9	61.7	dB(A)
16:00 - 17:00	62.7	69.3	61.9	dB(A)
17:00 - 18:00	58.5	65.0	57.7	dB(A)
18:00 - 19:00	63.7	92.7	61.5	dB(A)
19:00 - 20:00	59.0	88.2	54.8	dB(A)
20:00 - 21:00	61.4	90.5	59.4	dB(A)
21:00 - 22:00	62.4	66.2	61.8	dB(A)
22:00 - 23:00	62.4	65.7	61.8	dB(A)
23:00 - 00:00	62.5	67.2	61.9	dB(A)
00:00 - 01:00	62.6	65.6	61.9	dB(A)
01:00 - 02:00	62.5	65.0	61.9	dB(A)
02:00 - 03:00	62.6	65.1	62.0	dB(A)
03:00 - 04:00	61.7	64.8	61.0	dB(A)
04:00 - 05:00	56.3	60.2	55.9	dB(A)
05:00 - 06:00	61.9	65.0	61.3	dB(A)
06:00 - 07:00	62.4	70.1	61.7	dB(A)
07:00 - 08:00	57.8	88.4	54.4	dB(A)
L_{eq} 24 hr.	61.9	-	-	dB(A)
$L_{dn}^{\#}$	68.3	-	-	dB(A)
Maximum	-	92.7	-	dB(A)
Standard	70 ¹¹ , 70 ¹²	115 ¹¹ , 115 ¹²	-	dB(A)

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¹² Notification of Ministry of the Industry B.E. 2548 (2005)
¹³ Start Time
* Parameter Outside The Scope of The Registration of The Department of Industrial Works.
(Ms. Thanatporn Klinsoon is Section Head, Mrs. Wanpen Lhaochindawat is Technical Management)
(Measurement By Mr. Seksan Pluemwong)
** These Data are Non Laboratory Data



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

23/03/2026

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TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.**
ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230**
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.**
SAMPLE POINT : ริมรั้วโรงงานด้านทิศตะวันตก (N3)**
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 01120950 : Class 1

SAMPLE NO. : 05662
MEASURING DATE : 10-11/03/2026
RECEIVED DATE : 17/03/2026
REPORTED DATE : 23/03/2026

TIME \ DATE	10-11/03/2026 (L_{eq})	10-11/03/2026 (L_{max})	10-11/03/2026 ($L_{90\#}$)	UNIT
08:00 - 09:00 ¹³	61.1	83.7	55.6	dB(A)
09:00 - 10:00	59.2	76.7	55.0	dB(A)
10:00 - 11:00	58.4	72.5	54.6	dB(A)
11:00 - 12:00	58.5	74.7	54.4	dB(A)
12:00 - 13:00	58.5	77.0	54.2	dB(A)
13:00 - 14:00	58.6	80.2	54.3	dB(A)
14:00 - 15:00	59.0	75.1	54.4	dB(A)
15:00 - 16:00	59.8	76.2	54.7	dB(A)
16:00 - 17:00	60.9	79.8	54.9	dB(A)
17:00 - 18:00	63.2	84.0	56.0	dB(A)
18:00 - 19:00	60.9	81.1	54.6	dB(A)
19:00 - 20:00	63.1	84.6	55.6	dB(A)
20:00 - 21:00	62.2	80.3	55.5	dB(A)
21:00 - 22:00	57.0	73.8	53.5	dB(A)
22:00 - 23:00	56.6	73.1	53.0	dB(A)
23:00 - 00:00	57.3	72.8	52.8	dB(A)
00:00 - 01:00	55.1	68.7	52.4	dB(A)
01:00 - 02:00	53.8	71.6	51.8	dB(A)
02:00 - 03:00	54.3	71.4	51.7	dB(A)
03:00 - 04:00	53.7	70.0	51.6	dB(A)
04:00 - 05:00	55.1	77.0	51.5	dB(A)
05:00 - 06:00	58.0	81.0	52.3	dB(A)
06:00 - 07:00	60.1	80.8	53.5	dB(A)
07:00 - 08:00	64.7	88.1	55.8	dB(A)
L_{eq} 24 hr.	59.7	-	-	dB(A)
$L_{dn\#}$	63.9	-	-	dB(A)
Maximum	-	88.1	-	dB(A)
Standard	70 ¹¹ , 70 ¹²	115 ¹¹ , 115 ¹²	-	dB(A)

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¹³ Start Time
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(Ms. Thanatporn Klinsopon is Section Head, Mrs. Wanpen Lhaochindawat is Technical Management)
(Measurement By Mr. Seksan Pluemwong)
** These Data are Non Laboratory Data



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Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

23/03/2026

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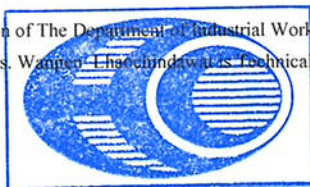
TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.**
ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha. Chonburi 20230**
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.**
SAMPLE POINT : รีมรั่วโรงงานด้านทิศตะวันตก (N3)**
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 01120950 : Class 1

SAMPLE NO. : 05663
MEASURING DATE : 11-12/03/2026
RECEIVED DATE : 17/03/2026
REPORTED DATE : 23/03/2026

TIME \ DATE	11-12/03/2026 (L_{eq})	11-12/03/2026 (L_{max})	11-12/03/2026 ($L_{90\#}$)	UNIT
08:00 - 09:00 ³	61.0	83.6	55.3	dB(A)
09:00 - 10:00	59.4	78.9	55.2	dB(A)
10:00 - 11:00	59.1	72.9	55.2	dB(A)
11:00 - 12:00	59.2	82.2	54.3	dB(A)
12:00 - 13:00	58.4	80.7	53.9	dB(A)
13:00 - 14:00	58.9	84.3	54.0	dB(A)
14:00 - 15:00	59.3	82.0	54.1	dB(A)
15:00 - 16:00	58.6	76.8	53.8	dB(A)
16:00 - 17:00	60.9	78.5	54.9	dB(A)
17:00 - 18:00	63.7	86.1	56.8	dB(A)
18:00 - 19:00	60.6	77.8	54.9	dB(A)
19:00 - 20:00	64.4	85.5	55.9	dB(A)
20:00 - 21:00	62.7	85.0	55.7	dB(A)
21:00 - 22:00	56.7	76.1	53.1	dB(A)
22:00 - 23:00	55.4	69.9	52.7	dB(A)
23:00 - 00:00	55.7	75.5	52.7	dB(A)
00:00 - 01:00	54.7	73.1	52.3	dB(A)
01:00 - 02:00	54.4	69.4	52.0	dB(A)
02:00 - 03:00	54.9	73.2	51.9	dB(A)
03:00 - 04:00	53.7	70.2	51.6	dB(A)
04:00 - 05:00	54.3	74.0	51.5	dB(A)
05:00 - 06:00	57.5	77.3	52.2	dB(A)
06:00 - 07:00	60.9	81.4	53.5	dB(A)
07:00 - 08:00	64.4	79.3	57.4	dB(A)
L_{eq} 24 hr.	59.9	-	-	dB(A)
$L_{dn\#}$	63.9	-	-	dB(A)
Maximum	-	86.1	-	dB(A)
Standard	70 ¹ , 70 ²	115 ¹ , 115 ²	-	dB(A)

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² Notification of Ministry of the Industry B.E. 2548 (2005)
³ Start Time
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(Ms. Thanatporn Klinsoon is Section Head, Mrs. Wanpen Lhaochindawat is Technical Management)
(Measurement By Mr. Seksan Pluemwong)
** These Data are Non Laboratory Data



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

23/03/2026

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TEST REPORT

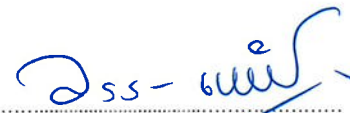
CUSTOMER : Siam Poongsan Metal Co., Ltd.**
ADDRESS : 38/14 Moo 5 T. Tungskula A. Sriracha. Chonburi 20230**
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.**
SAMPLE POINT : รีมรั่วโรงงานด้านทิศตะวันตก (N3)**
PARAMETER* : L_{eq} 1 hr., L_{eq} 24 hr., L_{max} , $L_{90\#}$ & $L_{dn\#}$
DETERMINATION METHOD : ISO 1996-1:2016##
INSTRUMENT : Integrated Sound Level Meter
S/N 01120950 : Class I

SAMPLE NO. : 05664
MEASURING DATE : 12-13/03/2026
RECEIVED DATE : 17/03/2026
REPORTED DATE : 23/03/2026

TIME \ DATE	12-13/03/2026 (L_{eq})	12-13/03/2026 (L_{max})	12-13/03/2026 ($L_{90\#}$)	UNIT
08:00 - 09:00 ¹³	65.0	85.0	60.6	dB(A)
09:00 - 10:00	63.4	76.6	60.5	dB(A)
10:00 - 11:00	60.4	74.0	55.8	dB(A)
11:00 - 12:00	59.8	75.7	54.5	dB(A)
12:00 - 13:00	59.4	74.9	54.0	dB(A)
13:00 - 14:00	59.0	77.6	53.9	dB(A)
14:00 - 15:00	59.4	77.6	53.6	dB(A)
15:00 - 16:00	58.4	78.0	52.5	dB(A)
16:00 - 17:00	59.6	78.2	53.6	dB(A)
17:00 - 18:00	62.4	79.7	56.2	dB(A)
18:00 - 19:00	60.1	80.7	54.0	dB(A)
19:00 - 20:00	62.9	85.0	55.1	dB(A)
20:00 - 21:00	63.3	88.4	55.9	dB(A)
21:00 - 22:00	58.3	76.8	53.1	dB(A)
22:00 - 23:00	57.4	73.1	52.8	dB(A)
23:00 - 00:00	56.8	72.3	53.0	dB(A)
00:00 - 01:00	55.2	70.5	52.7	dB(A)
01:00 - 02:00	59.2	87.2	52.8	dB(A)
02:00 - 03:00	55.3	73.3	52.5	dB(A)
03:00 - 04:00	54.6	74.9	52.2	dB(A)
04:00 - 05:00	55.3	70.1	52.2	dB(A)
05:00 - 06:00	57.3	75.6	52.6	dB(A)
06:00 - 07:00	60.7	82.2	53.6	dB(A)
07:00 - 08:00	64.3	86.3	56.2	dB(A)
L_{eq} 24 hr.	60.5	-	-	dB(A)
$L_{dn\#}$	64.7	-	-	dB(A)
Maximum	-	88.4	-	dB(A)
Standard	70 ¹¹ , 70 ¹²	115 ¹¹ , 115 ¹²	-	dB(A)

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¹³ Start Time
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(Measurement By Mr. Seksan Pluemwong)
** These Data are Non Laboratory Data



Approved By: 
(MRS. WANPEN LHAOCHINDAWAT)

23/03/2026

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TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.**
ADDRESS : 38/14 Moo 5 T. Tungskula A. Sriracha, Chonburi 20230**
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.**
SAMPLE POINT : ริมรั้วโรงงานด้านทิศตะวันตก (N3)**
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 01120950 : Class 1

SAMPLE NO. : 05665
MEASURING DATE : 13-14/03/2026
RECEIVED DATE : 17/03/2026
REPORTED DATE : 23/03/2026

TIME \ DATE	13-14/03/2026 (L_{eq})	13-14/03/2026 (L_{max})	13-14/03/2026 ($L_{90\#}$)	UNIT
08:00 - 09:00 ¹³	61.2	82.7	55.5	dB(A)
09:00 - 10:00	60.1	74.4	56.0	dB(A)
10:00 - 11:00	58.5	72.7	54.8	dB(A)
11:00 - 12:00	59.5	77.5	55.4	dB(A)
12:00 - 13:00	58.2	72.8	54.2	dB(A)
13:00 - 14:00	64.3	80.2	58.4	dB(A)
14:00 - 15:00	66.9	78.8	63.8	dB(A)
15:00 - 16:00	60.8	76.8	55.4	dB(A)
16:00 - 17:00	61.3	79.5	55.6	dB(A)
17:00 - 18:00	64.8	87.6	56.7	dB(A)
18:00 - 19:00	61.3	87.6	55.3	dB(A)
19:00 - 20:00	64.1	87.4	56.6	dB(A)
20:00 - 21:00	62.3	81.0	55.5	dB(A)
21:00 - 22:00	57.8	73.0	54.7	dB(A)
22:00 - 23:00	57.4	73.9	54.5	dB(A)
23:00 - 00:00	57.1	72.4	54.3	dB(A)
00:00 - 01:00	56.3	73.1	54.4	dB(A)
01:00 - 02:00	55.7	75.3	53.8	dB(A)
02:00 - 03:00	56.9	75.4	53.5	dB(A)
03:00 - 04:00	55.5	73.9	52.9	dB(A)
04:00 - 05:00	55.2	76.0	52.6	dB(A)
05:00 - 06:00	57.6	75.1	52.9	dB(A)
06:00 - 07:00	60.4	82.4	53.4	dB(A)
07:00 - 08:00	64.1	85.1	54.9	dB(A)
L_{eq} 24 hr.	61.1	-	-	dB(A)
$L_{dn\#}$	64.9	-	-	dB(A)
Maximum	-	87.6	-	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
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¹¹ Notification of The National Environmental Board Volume 15 B.E. 2540 (1997)
¹² Notification of Ministry of the Industry B.E. 2548 (2005)
¹³ Start Time
* Parameter Outside The Scope of The Registration of The Department of Industrial Works.
(Ms. Thanatporn Klinsoon is Section Head, Mrs. Wanpen Lhaochindawat is Technical Management)
(Measurement By Mr. Seksan Pluemwong)
** These Data are Non Laboratory Data



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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

23/03/2026

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

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.**
 ADDRESS : 38/14 Moo 5 T. Tungskula A. Sriracha, Chonburi 20230**
 SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.**
 SAMPLE POINT : ริมรั้วโรงงานด้านทิศตะวันตก (N3)**
 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 01120950 : Class 1

SAMPLE NO. : 05666
 MEASURING DATE : 14-15/03/2026
 RECEIVED DATE : 17/03/2026
 REPORTED DATE : 23/03/2026

TIME \ DATE	14-15/03/2026 (L_{eq})	14-15/03/2026 (L_{max})	14-15/03/2026 ($L_{90\#}$)	UNIT
08:00 - 09:00 ¹³	61.4	88.1	54.4	dB(A)
09:00 - 10:00	57.3	72.4	53.5	dB(A)
10:00 - 11:00	57.6	74.6	53.2	dB(A)
11:00 - 12:00	58.3	74.6	53.3	dB(A)
12:00 - 13:00	57.7	79.4	53.1	dB(A)
13:00 - 14:00	57.0	75.4	52.9	dB(A)
14:00 - 15:00	56.8	71.8	52.5	dB(A)
15:00 - 16:00	57.8	78.1	52.7	dB(A)
16:00 - 17:00	58.5	77.0	52.9	dB(A)
17:00 - 18:00	61.0	80.2	53.9	dB(A)
18:00 - 19:00	60.1	75.0	55.3	dB(A)
19:00 - 20:00	62.1	81.7	55.6	dB(A)
20:00 - 21:00	63.0	87.4	55.3	dB(A)
21:00 - 22:00	56.3	72.0	53.0	dB(A)
22:00 - 23:00	56.5	79.8	52.9	dB(A)
23:00 - 00:00	56.2	72.0	52.8	dB(A)
00:00 - 01:00	55.0	72.0	53.0	dB(A)
01:00 - 02:00	54.7	74.0	52.9	dB(A)
02:00 - 03:00	54.8	68.0	52.8	dB(A)
03:00 - 04:00	54.7	71.3	52.8	dB(A)
04:00 - 05:00	55.6	71.4	52.6	dB(A)
05:00 - 06:00	57.6	77.3	53.2	dB(A)
06:00 - 07:00	58.6	77.5	53.3	dB(A)
07:00 - 08:00	62.1	82.0	53.7	dB(A)
L_{eq} 24 hr.	58.7	-	-	dB(A)
$L_{dn\#}$	63.3	-	-	dB(A)
Maximum	-	88.1	-	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

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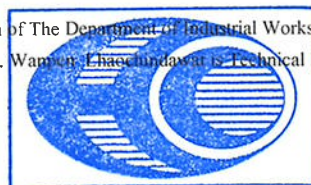
¹¹ Notification of The National Environmental Board Volume 15 B.E. 2540 (1997)

¹² Notification of Ministry of the Industry B.E. 2548 (2005)

¹³ Start Time

* Parameter Outside The Scope of The Registration of The Department of Industrial Works.
 (Ms. Thanatporn Klinsoon is Section Head, Mrs. Wanpen Lhaochindawat is Technical Management)
 (Measurement By Mr. Seksan Pluemwong)

** These Data are Non Laboratory Data



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

23/03/2026

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 WITHOUT THE WRITTEN APPROVAL LABORATORY

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.**
ADDRESS : 38/14 Moo 5 T. Tungskula A. Sriracha, Chonburi 20230**
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.**
SAMPLE POINT : ริมรั้วโรงงานด้านทิศตะวันตก (N3)**
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 01120950 : Class 1

SAMPLE NO. : 05667
MEASURING DATE : 15-16/03/2026
RECEIVED DATE : 17/03/2026
REPORTED DATE : 23/03/2026

TIME \ DATE	15-16/03/2026 (L_{eq})	15-16/03/2026 (L_{max})	15-16/03/2026 ($L_{90\%}$)	UNIT
08:00 - 09:00 ¹³	61.0	82.0	54.2	dB(A)
09:00 - 10:00	57.2	75.3	53.4	dB(A)
10:00 - 11:00	58.4	81.4	54.0	dB(A)
11:00 - 12:00	58.1	81.8	53.9	dB(A)
12:00 - 13:00	57.1	84.3	53.3	dB(A)
13:00 - 14:00	55.4	73.7	52.6	dB(A)
14:00 - 15:00	55.5	71.1	52.7	dB(A)
15:00 - 16:00	57.3	77.2	53.3	dB(A)
16:00 - 17:00	58.2	82.3	53.6	dB(A)
17:00 - 18:00	60.7	75.8	54.6	dB(A)
18:00 - 19:00	57.8	76.7	54.0	dB(A)
19:00 - 20:00	59.2	77.4	54.3	dB(A)
20:00 - 21:00	58.4	75.2	54.1	dB(A)
21:00 - 22:00	55.6	69.8	53.4	dB(A)
22:00 - 23:00	56.0	81.4	53.6	dB(A)
23:00 - 00:00	55.7	69.6	53.7	dB(A)
00:00 - 01:00	54.8	68.6	53.7	dB(A)
01:00 - 02:00	54.8	71.5	53.6	dB(A)
02:00 - 03:00	54.9	75.9	53.3	dB(A)
03:00 - 04:00	55.3	67.8	53.5	dB(A)
04:00 - 05:00	55.1	74.2	53.1	dB(A)
05:00 - 06:00	57.3	81.2	53.5	dB(A)
06:00 - 07:00	60.4	77.4	54.9	dB(A)
07:00 - 08:00	63.9	86.4	56.3	dB(A)
L_{eq} 24 hr.	58.1	-	-	dB(A)
L_{dn} [#]	63.3	-	-	dB(A)
Maximum	-	86.4	-	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
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¹³ Start Time
* Parameter Outside The Scope of The Registration of The Department of Industrial Works.
(Ms. Thanatporn Klinsoon is Section Head, Mrs. Wanpen Lhaochindawat is Technical Management)
(Measurement By Mr. Seksan Pluemwong)
** These Data are Non Laboratory Data



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Approved By: 
(MRS. WANPEN LHAOCHINDAWAT)

23/03/2026

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TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.**
ADDRESS : 38/14 Moo 5 T. Tungskula A. Sriracha. Chonburi 20230**
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.**
SAMPLE POINT : รีมรั่วโรงงานด้านทิศตะวันตก (N3)**
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 01120950 : Class 1

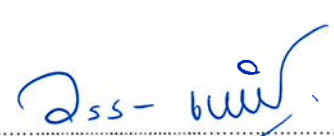
SAMPLE NO. : 05668
MEASURING DATE : 16-17/03/2026
RECEIVED DATE : 17/03/2026
REPORTED DATE : 23/03/2026

TIME \ DATE	16-17/03/2026 (L_{eq})	16-17/03/2026 (L_{max})	16-17/03/2026 ($L_{90\#}$)	UNIT
08:00 - 09:00 ¹³	60.4	82.9	54.5	dB(A)
09:00 - 10:00	59.7	79.2	54.2	dB(A)
10:00 - 11:00	62.6	76.5	56.7	dB(A)
11:00 - 12:00	59.5	77.4	54.7	dB(A)
12:00 - 13:00	59.6	82.5	54.2	dB(A)
13:00 - 14:00	60.1	73.9	55.7	dB(A)
14:00 - 15:00	59.7	82.0	53.9	dB(A)
15:00 - 16:00	59.9	77.8	54.1	dB(A)
16:00 - 17:00	60.0	76.8	54.3	dB(A)
17:00 - 18:00	62.0	82.2	55.7	dB(A)
18:00 - 19:00	60.2	80.3	54.8	dB(A)
19:00 - 20:00	63.4	85.7	56.1	dB(A)
20:00 - 21:00	61.7	81.1	55.4	dB(A)
21:00 - 22:00	59.3	86.6	54.5	dB(A)
22:00 - 23:00	58.7	84.6	55.0	dB(A)
23:00 - 00:00	57.0	71.1	54.5	dB(A)
00:00 - 01:00	57.8	79.6	53.9	dB(A)
01:00 - 02:00	55.6	74.4	53.5	dB(A)
02:00 - 03:00	55.7	74.6	53.4	dB(A)
03:00 - 04:00	56.0	83.0	53.4	dB(A)
04:00 - 05:00	56.8	76.3	53.4	dB(A)
05:00 - 06:00	58.8	80.9	54.1	dB(A)
06:00 - 07:00	61.5	82.1	54.8	dB(A)
07:00 - 08:00	64.2	82.6	56.4	dB(A)
L_{eq} 24 hr.	60.2	-	-	dB(A)
$L_{dn\#}$	65.0	-	-	dB(A)
Maximum	-	86.6	-	dB(A)
Standard	70 ¹¹ , 70 ¹²	115 ¹¹ , 115 ¹²	-	dB(A)

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¹³ Start Time
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(Measurement By Mr. Seksan Pluemwong)
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Approved By: 
(MRS. WANPEN LHAOCHINDAWAT)

23/03/2026

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TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.**
ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230**
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.**
SAMPLE POINT : ริมรั้วโรงงานด้านทิศใต้ (N4)**
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 01120944 : Class 1

SAMPLE NO. : 05669
MEASURING DATE : 10-11/03/2026
RECEIVED DATE : 17/03/2026
REPORTED DATE : 23/03/2026

TIME \ DATE	10-11/03/2026 (L_{eq})	10-11/03/2026 (L_{max})	10-11/03/2026 (L_{90})#	UNIT
08:00 - 09:00 ¹³	60.4	82.7	55.7	dB(A)
09:00 - 10:00	65.0	100.2	55.3	dB(A)
10:00 - 11:00	57.6	76.2	54.3	dB(A)
11:00 - 12:00	58.2	83.0	53.5	dB(A)
12:00 - 13:00	57.7	86.3	54.0	dB(A)
13:00 - 14:00	60.0	78.4	55.3	dB(A)
14:00 - 15:00	60.0	83.1	56.5	dB(A)
15:00 - 16:00	59.5	83.4	55.5	dB(A)
16:00 - 17:00	60.7	82.5	56.3	dB(A)
17:00 - 18:00	61.2	90.9	55.4	dB(A)
18:00 - 19:00	66.6	101.1	55.2	dB(A)
19:00 - 20:00	58.1	76.2	53.9	dB(A)
20:00 - 21:00	57.6	79.3	54.9	dB(A)
21:00 - 22:00	59.9	94.9	54.7	dB(A)
22:00 - 23:00	56.2	70.0	54.9	dB(A)
23:00 - 00:00	55.4	79.4	54.4	dB(A)
00:00 - 01:00	55.5	75.8	53.9	dB(A)
01:00 - 02:00	54.7	78.0	53.9	dB(A)
02:00 - 03:00	55.0	80.4	53.7	dB(A)
03:00 - 04:00	53.8	64.3	53.2	dB(A)
04:00 - 05:00	52.9	69.1	52.1	dB(A)
05:00 - 06:00	55.5	75.0	53.9	dB(A)
06:00 - 07:00	60.9	87.0	55.8	dB(A)
07:00 - 08:00	62.0	84.9	55.6	dB(A)
L_{eq} 24 hr.	59.9	-	-	dB(A)
L_{dn} #	63.8	-	-	dB(A)
Maximum	-	101.1	-	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
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¹³ Start Time
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23/03/2026

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TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.**
ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230**
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.**
SAMPLE POINT : รีมรั่วโรงงานด้านทิศใต้ (N4)**
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 01120944 : Class 1

SAMPLE NO. : 05670
MEASURING DATE : 11-12/03/2026
RECEIVED DATE : 17/03/2026
REPORTED DATE : 23/03/2026

TIME \ DATE	11-12/03/2026 (L_{eq})	11-12/03/2026 (L_{max})	11-12/03/2026 ($L_{90\#}$)	UNIT
08:00 - 09:00 ¹³	60.7	87.5	55.9	dB(A)
09:00 - 10:00	64.1	100.3	57.3	dB(A)
10:00 - 11:00	58.5	80.2	55.8	dB(A)
11:00 - 12:00	57.8	83.1	54.8	dB(A)
12:00 - 13:00	55.7	73.7	53.9	dB(A)
13:00 - 14:00	59.8	89.8	55.1	dB(A)
14:00 - 15:00	58.2	81.0	54.8	dB(A)
15:00 - 16:00	60.8	83.9	56.0	dB(A)
16:00 - 17:00	60.5	82.3	56.4	dB(A)
17:00 - 18:00	60.8	79.3	55.5	dB(A)
18:00 - 19:00	63.9	96.9	57.0	dB(A)
19:00 - 20:00	58.2	73.4	54.3	dB(A)
20:00 - 21:00	57.4	80.8	54.6	dB(A)
21:00 - 22:00	56.8	75.9	54.5	dB(A)
22:00 - 23:00	55.8	77.3	54.5	dB(A)
23:00 - 00:00	55.3	77.2	54.4	dB(A)
00:00 - 01:00	55.8	80.0	54.3	dB(A)
01:00 - 02:00	55.2	69.7	54.2	dB(A)
02:00 - 03:00	55.2	70.5	54.4	dB(A)
03:00 - 04:00	54.9	79.8	53.8	dB(A)
04:00 - 05:00	52.9	65.9	52.4	dB(A)
05:00 - 06:00	54.9	75.2	53.6	dB(A)
06:00 - 07:00	59.5	81.8	55.0	dB(A)
07:00 - 08:00	61.0	81.8	55.5	dB(A)
L_{eq} 24 hr.	59.1	-	-	dB(A)
$L_{dn\#}$	63.2	-	-	dB(A)
Maximum	-	100.3	-	dB(A)
Standard	$70^{1/1}, 70^{1/2}$	$115^{1/1}, 115^{1/2}$	-	dB(A)

REMARK : ¹³ Test Report/Sampling marked 'Not TISI Accredited' in this report are not included in the TISI Accreditation Schedule for our laboratory
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¹³ Start Time
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(Measurement By Mr. Seksan Pluemwong)
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Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

23/03/2026

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TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.**
ADDRESS : 38/14 Moo 5 T. Tungskula A. Sriracha, Chonburi 20230**
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.**
SAMPLE POINT : ริมรั้วโรงงานด้านทิศใต้ (N4)**
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 01120944 : Class 1

SAMPLE NO. : 05671
MEASURING DATE : 12-13/03/2026
RECEIVED DATE : 17/03/2026
REPORTED DATE : 23/03/2026

TIME \ DATE	12-13/03/2026 (L_{eq})	12-13/03/2026 (L_{max})	12-13/03/2026 ($L_{90\#}$)	UNIT
08:00 - 09:00 ³	63.2	101.5	56.0	dB(A)
09:00 - 10:00	58.7	82.4	56.5	dB(A)
10:00 - 11:00	58.5	86.8	54.5	dB(A)
11:00 - 12:00	58.5	83.0	53.4	dB(A)
12:00 - 13:00	57.5	82.2	52.9	dB(A)
13:00 - 14:00	63.8	98.0	55.5	dB(A)
14:00 - 15:00	59.6	82.8	53.5	dB(A)
15:00 - 16:00	60.3	85.2	55.4	dB(A)
16:00 - 17:00	61.6	89.5	54.6	dB(A)
17:00 - 18:00	59.4	78.4	54.7	dB(A)
18:00 - 19:00	59.2	83.6	54.3	dB(A)
19:00 - 20:00	56.5	75.4	52.8	dB(A)
20:00 - 21:00	55.9	73.3	53.4	dB(A)
21:00 - 22:00	55.9	81.5	53.6	dB(A)
22:00 - 23:00	64.6	102.9	54.5	dB(A)
23:00 - 00:00	54.8	63.5	54.2	dB(A)
00:00 - 01:00	54.7	68.5	53.9	dB(A)
01:00 - 02:00	55.1	82.0	54.0	dB(A)
02:00 - 03:00	54.9	70.7	54.1	dB(A)
03:00 - 04:00	55.3	76.7	53.7	dB(A)
04:00 - 05:00	54.0	79.6	52.4	dB(A)
05:00 - 06:00	55.4	77.1	53.8	dB(A)
06:00 - 07:00	58.5	78.7	54.7	dB(A)
07:00 - 08:00	57.9	76.6	54.4	dB(A)
L_{eq} 24 hr.	59.2	-	-	dB(A)
$L_{dn\#}$	64.8	-	-	dB(A)
Maximum	-	102.9	-	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
^{##} ISO 1996-1:2016, Notification of The Department of Industrial Works on Methods for Measuring Noise Annoyance, Noise Level 24-Hour Average and Maximum Noise Level From Factory B.E. 2567 (2024). Dated February 21, 2024, Notification of The National Environmental Board Volume 15 B.E. 2540 (1997) on The General Noise Level Standards. Dated April 3, 1997, Notification of The Pollution Control Department on The Calculation of The Noise Level. Dated November 25, 1997
^{/1} Notification of The National Environmental Board Volume 15 B.E. 2540 (1997)
^{/2} Notification of Ministry of the Industry B.E. 2548 (2005)
^{/3} Start Time
* Parameter Outside The Scope of The Registration of The Department of Industrial Works
(Ms. Thanatporn Klinsoon is Section Head, Mrs. Wanpen Lhaochindawat is Technical Management)
(Measurement By Mr. Seksan Pluemwong)
** These Data are Non Laboratory Data



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

23/03/2026

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

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.**
ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230**
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.**
SAMPLE POINT : ริมรั้วโรงงานด้านทิศใต้ (N4)**
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 01120944 : Class 1

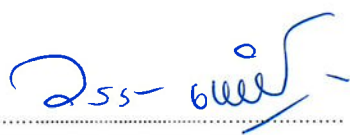
SAMPLE NO. : 05672
MEASURING DATE : 13-14/03/2026
RECEIVED DATE : 17/03/2026
REPORTED DATE : 23/03/2026

TIME \ DATE	13-14/03/2026 (L_{eq})	13-14/03/2026 (L_{max})	13-14/03/2026 ($L_{90\#}$)	UNIT
08:00 - 09:00 ¹³	55.4	75.6	52.8	dB(A)
09:00 - 10:00	57.2	81.0	54.8	dB(A)
10:00 - 11:00	60.9	94.2	55.3	dB(A)
11:00 - 12:00	59.7	91.3	55.1	dB(A)
12:00 - 13:00	60.8	96.7	54.0	dB(A)
13:00 - 14:00	67.6	105.4	58.4	dB(A)
14:00 - 15:00	64.0	78.0	60.7	dB(A)
15:00 - 16:00	60.9	80.5	56.1	dB(A)
16:00 - 17:00	61.0	83.4	55.9	dB(A)
17:00 - 18:00	61.0	79.5	56.2	dB(A)
18:00 - 19:00	60.7	79.7	55.6	dB(A)
19:00 - 20:00	58.0	78.1	54.6	dB(A)
20:00 - 21:00	57.4	78.7	54.5	dB(A)
21:00 - 22:00	55.5	74.8	54.1	dB(A)
22:00 - 23:00	61.5	95.4	54.2	dB(A)
23:00 - 00:00	54.7	77.3	53.5	dB(A)
00:00 - 01:00	55.3	77.7	53.7	dB(A)
01:00 - 02:00	54.6	77.2	53.4	dB(A)
02:00 - 03:00	55.1	83.6	52.9	dB(A)
03:00 - 04:00	52.8	65.6	52.2	dB(A)
04:00 - 05:00	52.6	67.7	52.0	dB(A)
05:00 - 06:00	65.2	101.0	52.9	dB(A)
06:00 - 07:00	61.0	88.1	55.4	dB(A)
07:00 - 08:00	60.5	83.0	54.9	dB(A)
L_{eq} 24 hr.	60.6	-	-	dB(A)
$L_{dn\#}$	66.0	-	-	dB(A)
Maximum	-	105.4	-	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
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¹¹ Notification of The National Environmental Board Volume 15 B.E. 2540 (1997)
¹² Notification of Ministry of the Industry B.E. 2548 (2005)
¹³ Start Time
* Parameter Outside The Scope of The Registration of The Department of Industrial Works.
(Ms. Thanatporn Klinsoon is Section Head, Mrs. Wanpen Lhaochindawat is Technical Management)
(Measurement By Mr. Seksan Pluemwong)
** These Data are Non Laboratory Data



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Approved By: 
(MRS. WANPEN LHAOCHINDAWAT)

23/03/2026

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.**
ADDRESS : 38/14 Moo 5 T. Tungskula A. Sriracha. Chonburi 20230**
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.**
SAMPLE POINT : ริมรั้วโรงงานด้านทิศใต้ (N4)**
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 01120944 : Class 1

SAMPLE NO. : 05673
MEASURING DATE : 14-15/03/2026
RECEIVED DATE : 17/03/2026
REPORTED DATE : 23/03/2026

TIME \ DATE	14-15/03/2026 (L_{eq})	14-15/03/2026 (L_{max})	14-15/03/2026 ($L_{90\#}$)	UNIT
08:00 - 09:00 ³	58.8	78.4	55.2	dB(A)
09:00 - 10:00	59.9	89.6	54.6	dB(A)
10:00 - 11:00	58.0	77.8	54.4	dB(A)
11:00 - 12:00	58.9	89.5	53.7	dB(A)
12:00 - 13:00	55.8	73.4	53.1	dB(A)
13:00 - 14:00	61.7	99.2	54.3	dB(A)
14:00 - 15:00	59.1	81.9	55.2	dB(A)
15:00 - 16:00	58.2	76.4	54.7	dB(A)
16:00 - 17:00	64.3	102.7	54.4	dB(A)
17:00 - 18:00	61.6	83.4	54.8	dB(A)
18:00 - 19:00	62.8	94.6	55.9	dB(A)
19:00 - 20:00	57.5	83.1	53.8	dB(A)
20:00 - 21:00	55.7	74.6	53.3	dB(A)
21:00 - 22:00	55.6	76.3	53.2	dB(A)
22:00 - 23:00	54.5	70.7	53.4	dB(A)
23:00 - 00:00	54.8	75.3	52.8	dB(A)
00:00 - 01:00	54.6	70.7	53.6	dB(A)
01:00 - 02:00	54.9	78.8	53.6	dB(A)
02:00 - 03:00	54.4	79.0	53.4	dB(A)
03:00 - 04:00	53.4	65.5	52.8	dB(A)
04:00 - 05:00	53.1	73.3	52.2	dB(A)
05:00 - 06:00	54.0	77.3	52.5	dB(A)
06:00 - 07:00	57.3	77.3	53.2	dB(A)
07:00 - 08:00	56.7	73.3	53.4	dB(A)
L_{eq} 24 hr.	58.5	-	-	dB(A)
$L_{dn\#}$	62.3	-	-	dB(A)
Maximum	-	102.7	-	dB(A)
Standard	$70^{/1}, 70^{/2}$	$115^{/1}, 115^{/2}$	-	dB(A)

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^{/1} Notification of The National Environmental Board Volume 15 B.E. 2540 (1997)
^{/2} Notification of Ministry of the Industry B.E. 2548 (2005)
^{/3} Start Time
* Parameter Outside The Scope of The Registration of The Department of Industrial Works.
(Ms. Thanatporn Klinsonon is Section Head. Mrs. Wanpen Lhaochindawat is Technical Management)
(Measurement By Mr. Seksan Pluemwong)
** These Data are Non Laboratory Data



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

23/03/2026

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TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.**
ADDRESS : 38/14 Moo 5 T. Tungskula A. Sriracha, Chonburi 20230**
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.**
SAMPLE POINT : ริมรั้วโรงงานด้านทิศใต้ (N4)**
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 01120944 : Class 1

SAMPLE NO. : 05674
MEASURING DATE : 15-16/03/2026
RECEIVED DATE : 17/03/2026
REPORTED DATE : 23/03/2026

TIME \ DATE	15-16/03/2026 (L_{eq})	15-16/03/2026 (L_{max})	15-16/03/2026 ($L_{90\#}$)	UNIT
08:00 - 09:00 ¹³	60.5	85.9	55.8	dB(A)
09:00 - 10:00	61.4	88.9	55.1	dB(A)
10:00 - 11:00	60.1	86.9	55.2	dB(A)
11:00 - 12:00	59.4	84.2	54.5	dB(A)
12:00 - 13:00	55.6	84.9	52.6	dB(A)
13:00 - 14:00	58.6	81.5	55.0	dB(A)
14:00 - 15:00	57.7	80.7	54.0	dB(A)
15:00 - 16:00	66.4	103.8	54.4	dB(A)
16:00 - 17:00	61.2	96.7	54.0	dB(A)
17:00 - 18:00	55.9	75.7	53.7	dB(A)
18:00 - 19:00	57.0	78.9	54.5	dB(A)
19:00 - 20:00	57.2	85.0	53.5	dB(A)
20:00 - 21:00	55.0	76.3	51.6	dB(A)
21:00 - 22:00	51.8	62.3	51.3	dB(A)
22:00 - 23:00	52.5	64.2	51.9	dB(A)
23:00 - 00:00	53.2	75.4	52.3	dB(A)
00:00 - 01:00	52.5	61.9	52.1	dB(A)
01:00 - 02:00	52.3	57.1	52.0	dB(A)
02:00 - 03:00	52.1	57.7	51.8	dB(A)
03:00 - 04:00	52.0	67.0	51.5	dB(A)
04:00 - 05:00	52.2	64.5	51.6	dB(A)
05:00 - 06:00	53.2	68.1	51.8	dB(A)
06:00 - 07:00	59.3	84.2	53.6	dB(A)
07:00 - 08:00	60.3	82.6	54.3	dB(A)
L_{eq} 24 hr.	58.5	-	-	dB(A)
$L_{dn\#}$	61.9	-	-	dB(A)
Maximum	-	103.8	-	dB(A)
Standard	$70^{1/1}, 70^{1/2}$	$115^{1/1}, 115^{1/2}$	-	dB(A)

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¹³ Start Time
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(Ms. Thanatporn Klinsoon is Section Head, Mrs. Wanpen Lhaochindawat is Technical Management)
(Measurement By Mr. Seksan Pluemwong)
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Approved By.....
(MRS. WANPEN LHAOCHINDAWAT)

23/03/2026

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TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.**
ADDRESS : 38/14 Moo 5 T. Tungskula A. Sriracha, Chonburi 20230**
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.**
SAMPLE POINT : รีมรั่วโรงงานด้านทิศใต้ (N4)**
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 01120944 : Class I

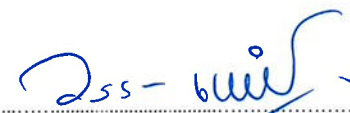
SAMPLE NO. : 05675
MEASURING DATE : 16-17/03/2026
RECEIVED DATE : 17/03/2026
REPORTED DATE : 23/03/2026

TIME \ DATE	16-17/03/2026 (L_{eq})	16-17/03/2026 (L_{max})	16-17/03/2026 ($L_{90\#}$)	UNIT
08:00 - 09:00 ¹³	58.5	78.5	53.5	dB(A)
09:00 - 10:00	58.0	82.8	53.8	dB(A)
10:00 - 11:00	64.6	102.2	54.5	dB(A)
11:00 - 12:00	60.1	86.9	55.0	dB(A)
12:00 - 13:00	56.5	78.1	54.0	dB(A)
13:00 - 14:00	60.5	79.8	55.4	dB(A)
14:00 - 15:00	60.5	82.3	54.9	dB(A)
15:00 - 16:00	58.9	85.0	52.5	dB(A)
16:00 - 17:00	60.9	80.4	56.1	dB(A)
17:00 - 18:00	60.2	84.1	56.0	dB(A)
18:00 - 19:00	61.4	91.2	55.5	dB(A)
19:00 - 20:00	60.0	82.6	55.0	dB(A)
20:00 - 21:00	57.6	78.2	54.7	dB(A)
21:00 - 22:00	55.9	73.2	54.9	dB(A)
22:00 - 23:00	58.0	83.9	55.0	dB(A)
23:00 - 00:00	54.9	71.2	54.2	dB(A)
00:00 - 01:00	55.1	69.4	54.2	dB(A)
01:00 - 02:00	55.1	75.9	54.1	dB(A)
02:00 - 03:00	54.9	68.5	54.2	dB(A)
03:00 - 04:00	54.8	74.0	54.1	dB(A)
04:00 - 05:00	53.7	69.4	52.8	dB(A)
05:00 - 06:00	55.8	77.5	54.2	dB(A)
06:00 - 07:00	59.3	84.2	55.2	dB(A)
07:00 - 08:00	61.3	86.9	55.1	dB(A)
L_{eq} 24 hr.	59.1	-	-	dB(A)
$L_{dn\#}$	63.4	-	-	dB(A)
Maximum	-	102.2	-	dB(A)
Standard	$70^{1/1}, 70^{1/2}$	$115^{1/1}, 115^{1/2}$	-	dB(A)

REMARK : [#] Test Report/Sampling marked 'Not TISI Accredited' in this report are not included in the TISI Accreditation Schedule for our laboratory
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(Measurement By Mr. Seksan Pluemwong)
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Approved By: 
(MRS. WANPEN LHAOCHINDAWAT)

23/03/2026

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คุณภาพน้ำทิ้ง

Test Report

Request No : W6901501, W6902564

Report No : 6902-0172-1, 6903-0101

Customer : Siam Poongsan Metal Co.,Ltd. **

Address : 38/14 Laemchabang Industrial Estate, Moo 5 T. Tungsukla, A. Sriracha, Chonburi 20230 **

Sampling Source : Siam Poongsan Metal Co.,Ltd. **

Sample No : W 69011624, W69021784

Sample Name : น้ำทิ้งจากห้องน้ำ-ห้องส้วม **

Sampling Date : 23/01/2026, 25/02/2026 **

Sampling By : ETC **

Sampling Time : 9:48 AM, 10:10 AM **

Sampling Method : Grab **

Received Date : 24/01/2026, 26/02/2026

Tested Date : 24/01/2026 - 30/01/2026

Reported Date : 04/03/2026

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	111	≤500
Chemical Oxygen Demand #	mg/L	Closed Reflux, Titrimetric Method (SM:5220C)	289	≤750
Oil and Grease @/2	mg/L	Liquid-Liquid, Partition-Gravimetric Method (SM:5520B)	9.0	≤10
pH (on site) *		Electrometric Method	7.0	5.5-9.0
Temperature *	°C	Laboratory and Field Method (SM:2550 B)	29	≤45
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	332	≤3000
Total Suspended Solids #	mg/L	Dried at 103-105 degree celsius (SM:2540D)	22	≤200

Physical Appearance : 1. Sample : Wastewater (yellow, lightly SS)

2. Container : Normal [PE 0.5 L (2 Bottle), PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 029 / 2567 (2024)

2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,

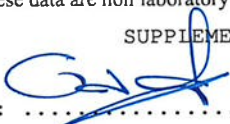
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.

3. /2 Sample No. W69021784 : Sampling Date 25/02/2026 (10:10 AM) : Tested Date 26/02/2026 – 27/02/2026

4. Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.

5. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Aocha Khwansirimongkhon (จ-003-ค-0034)*

6. ** = These data are non laboratory data.

Examined By : 

(Miss Apiradee Chuen-arom)

(จ-003-ค-0007)

04/03/2026



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By : 

(Miss Nunnaphat Bakhuntod)

(จ-003-ค-0005)

04/03/2026

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6902367, W6902563

Report No : 6902-1664-I, 6903-0100

Customer : Siam Poongsan Metal Co.,Ltd. **

Address : 38/14 Laemchabang Industrial Estate, Moo 5 T. Tungsukla, A. Sriracha, Chonburi 20230 **

Sampling Source : Siam Poongsan Metal Co.,Ltd. **

Sample No : W 69021131, W69021783

Sample Name : น้ำทิ้งจากห้องน้ำ-ห้องส้วม **

Sampling Date : 13/02/2026, 25/02/2026 **

Sampling By : ETC **

Sampling Time : 11:00 AM, 10:15 AM **

Sampling Method : Grab **

Received Date : 14/02/2026, 26/02/2026

Tested Date : 14/02/2026 - 19/02/2026

Reported Date : 04/03/2026

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	132	≤500
Chemical Oxygen Demand #	mg/L	Closed Reflux, Titrimetric Method (SM:5220C)	354	≤750
Oil and Grease @/2	mg/L	Liquid-Liquid, Partition-Gravimetric Method (SM:5520B)	3.4	≤10
pH (on site) *		Electrometric Method	6.7	5.5-9.0
Temperature *	°C	Laboratory and Field Method (SM:2550 B)	32	≤45
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	440	≤3000
Total Suspended Solids #	mg/L	Dried at 103-105 degree celsius (SM:2540D)	35	≤200

Physical Apperance : 1. Sample : Wastewater (yellow, lightly SS)

2. Container : Normal [PE 0.5 L (2 Bottle), PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 029 / 2567 (2024)

2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.

3. /2 Sample No. W69021783 : Sampling Date 25/02/2026 (10:15 AM) : Tested Date 26/02/2026 – 27/02/2026

4. Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.

5. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang (จ-003-ค-0031) *

6. ** = These data are non laboratory data.

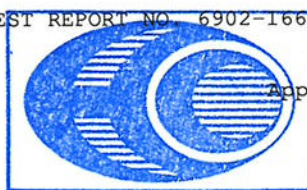
SUPPLEMENT TO TEST REPORT NO. 6902-1664

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-0007)

04/03/2026



Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ค-0005)

04/03/2026

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

Test Report

Request No : W6903373, W6903657
Report No : 6903-1255-1, 6904-0246

Customer : Siam Poongsan Metal Co.,Ltd. **
Address : 38/14 Laemchabang Industrial Estate, Moo 5 T. Tungsukla , A. Sriracha , Chonburi 20230 **
Sampling Source : Siam Poongsan Metal Co.,Ltd. **
Sample Name : น้ำทิ้งจากห้องน้ำ-ห้องส้วม **
Sampling By : ETC **
Sampling Method : Grab **
Tested Date : 16/03/2026 - 20/03/2026

Sample No : W 69031151 , W69032029
Sampling Date : 13/03/2026 , 27/03/2026 **
Sampling Time : 1:45 PM , 8:50 AM **
Received Date : 14/03/2026 , 28/03/2026
Reported Date : 04/04/2026

Parameter	Unit	Method	Result	Standard ^{1/}
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	102	≤500
Chemical Oxygen Demand #	mg/L	Closed Reflux, Titrimetric Method (SM:5220C)	212	≤750
Oil and Grease @/2	mg/L	Liquid-Liquid, Partition-Gravimetric Method (SM:5520B)	3.7	≤10
pH (on site) *		Electrometric Method	6.4	5.5-9.0
Temperature *	°C	Laboratory and Field Method (SM:2550 B)	31	≤45
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	334	≤3000
Total Suspended Solids #	mg/L	Dried at 103-105 degree celsius (SM:2540D)	28	≤200

Physical Apperance : 1. Sample : Wastewater (yellow , lightly SS)
2. Container : Normal [PE 0.5 L (2 Bottle), PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 029 / 2567 (2024)
2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
3. /2 Sample No. W69032029 : Sampling Date 27/03/2026 (8:50 AM) : Tested Date 28/03/2026 - 02/04/2026
4. Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.
5. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Aocha Khwansirimongkhon (จ-003-ก-0034) *
6. ** = These data are non laboratory data.

SUPPLEMENT TO TEST REPORT NO. 6903-1255

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ก-0007)
04/04/2026



Approved By :

(Miss Nunnaphat Bakhuntod)
(จ-003-ก-0005)
04/04/2026

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6904355, W6905426

Report No : 6904-1454-1, 6905-1628

Customer : Siam Poongsan Metal Co.,Ltd. **

Address : 38/14 Laemchabang Industrial Estate, Moo 5 T. Tungsukla, A. Sriracha, Chonburi 20230 **

Sampling Source : Siam Poongsan Metal Co.,Ltd. **

Sample No : W 69041061, W69051230

Sample Name : น้ำทิ้งจากห้องน้ำ-ห้องส้วม **

Sampling Date : 10/04/2026, 14/05/2026 **

Sampling By : ETC **

Sampling Time : 10:20 AM, 8:45 AM **

Sampling Method : Grab **

Received Date : 11/04/2026, 15/05/2026

Tested Date : 11/04/2026 - 24/04/2026

Reported Date : 26/05/2026

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	69.4	≤500
Chemical Oxygen Demand #	mg/L	Closed Reflux, Titrimetric Method (SM:5220C)	503	≤750
Oil and Grease @/2	mg/L	Liquid-Liquid, Partition-Gravimetric Method (SM:5520B)	< 3.0	≤10
pH (on site) *		Electrometric Method	7.6	5.5-9.0
Temperature *	°C	Laboratory and Field Method (SM:2550 B)	30	≤45
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	656	≤3000
Total Suspended Solids #/2	mg/L	Dried at 103-105 degree celsius (SM:2540D)	27	≤200

Physical Appearance : 1. Sample : Wastewater (yellow, turbid)

2. Container : Normal [PE 0.5 L (2 Bottle), PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 029 / 2567 (2024)

2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.

3. /2 Sample No. W69051230 : Sampling Date 14/05/2026 (8:45 AM) : Tested Date 15/05/2026 – 22/05/2026

4. Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.

5. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwan (จ-003-ท-0016) *

6. ** = These data are non laboratory data.

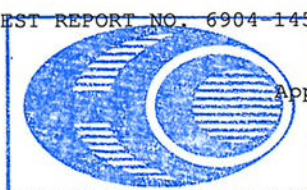
SUPPLEMENT TO TEST REPORT NO. 6904-1454

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ท-0007)

26/05/2026



Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ท-0005)

26/05/2026

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6905427

Report No : 6905-1626

Customer : Siam Poongsan Metal Co.,Ltd. **

Address : 38/14 Laemchabang Industrial Estate, Moo 5 T. Tungskula, A. Sriracha, Chonburi 20230 **

Sampling Source : Siam Poongsan Metal Co.,Ltd. **

Sample No : W 69051231

Sample Name : น้ำทิ้งจากห้องน้ำ-ห้องส้วม **

Sampling Date : 14/05/2026 **

Sampling By : ETC **

Sampling Time : 8:40 AM **

Sampling Method : Grab **

Received Date : 15/05/2026

Tested Date : 15/05/2026 - 22/05/2026

Reported Date : 26/05/2026

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	21.7	≤500
Chemical Oxygen Demand #	mg/L	Closed Reflux, Titrimetric Method (SM:5220C)	97	≤750
Oil and Grease @	mg/L	Liquid-Liquid, Partition-Gravimetric Method (SM:5520B)	< 3.0	≤10
pH (on site) *		Electrometric Method	7.2	5.5-9.0
Temperature *	°C	Laboratory and Field Method (SM:2550 B)	32	≤45
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	272	≤3000
Total Suspended Solids #	mg/L	Dried at 103-105 degree celsius (SM:2540D)	37	≤200

Physical Apperance : 1. Sample : Wastewater (yellowish, lightly SS)

2. Container : Normal [PE 0.5 L (2 Bottle), PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 029 / 2567 (2024)

2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.

3. Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharek Phatklang (จ-003-ก-0031) *

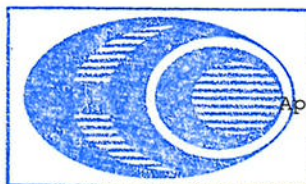
5. ** = These data are non laboratory data.

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ก-0007)

26/05/2026



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Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ก-0005)

26/05/2026

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Test Report

Customer : Siam Poongsan Metal Co.,Ltd. **

Address : 38/14 Laemchabang Industrial Estate, Moo 5 T. Tungsukla , A. Sriracha , Chonburi 20230 **

Sampling Source : Siam Poongsan Metal Co.,Ltd. **

Sample Name : น้ำทิ้งจากห้องน้ำ-ห้องส้วม **

Sampling By : ETC **

Sampling Method : Grab **

Tested Date : 16/06/2026 - 23/06/2026

Sample No : W 69061275 , W69070016

Sampling Date : 15/06/2026 , 30/06/2026 **

Sampling Time : 8:50 AM , 11:05 AM **

Received Date : 16/06/2026 , 01/07/2026

Reported Date : 08/07/2026

Request No : W6906427, W6907006

Report No : 6906-1647-1, 6907-0391

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	18.4	≤500
Chemical Oxygen Demand #	mg/L	Closed Reflux, Titrimetric Method (SM:5220C)	87	≤750
Oil and Grease @	mg/L	Liquid-Liquid, Partition-Gravimetric Method (SM:5520B)	< 3.0	≤10
pH (on site) *		Electrometric Method	7.0	5.5-9.0
Temperature *	°C	Laboratory and Field Method (SM:2550 B)	31	≤45
Total Dissolved Solids #/2	mg/L	Dried at 180 degree celsius (SM:2540C)	508	≤3000
Total Suspended Solids #	mg/L	Dried at 103-105 degree celsius (SM:2540D)	7	≤200

Physical Apperance : 1. Sample : Wastewater (yellowish , lightly SS)

2. Container : Normal [PE 0.5 L (2 Bottle), PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 029 / 2567 (2024)

2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.

3. /2 Sample No. W69070016 : Sampling Date 30/06/2026 (11:05 AM) : Tested Date 01/07/2026 – 04/07/2026

4. Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.

5. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwan (ว-003-ค-0016) *

6. ** = These data are non laboratory data.

SUPPLEMENT TO TEST REPORT NO. 6906-1647

Examined By :

(Miss Apiradee Chuen-arom)

(ว-003-ค-0007)

08/07/2026



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WITHOUT THE WRITTEN APPROVAL LABORATORY

Approved By :

(Miss Nunnaphat Bakhuntod)

(ว-003-ค-0005)

08/07/2026

Test Report

Request No : W6901501

Report No : 6902-0173

Customer : Siam Poongsan Metal Co.,Ltd. **

Address : 38/14 Laemchabang Industrial Estate, Moo 5 T. Tungsukla, A. Sriracha, Chonburi 20230 **

Sampling Source : Siam Poongsan Metal Co.,Ltd. **

Sample No : W 69011625

Sample Name : น้ำเสียอุตสาหกรรมหลังการบำบัด (Effluent) **

Sampling Date : 23/01/2026 **

Sampling By : ETC **

Sampling Time : 9:40 AM **

Sampling Method : Grab **

Received Date : 24/01/2026

Tested Date : 24/01/2026 - 30/01/2026

Reported Date : 03/02/2026

Parameter	Unit	Method	Result	Standard/ ¹
Chemical Oxygen Demand #	mg/L	Closed Reflux, Titrimetric Method (SM:5220C)	< 40	≤750
Copper @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.61	≤2
Nickel @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤1
Oil and Grease @	mg/L	Liquid-Liquid, Partition-Gravimetric Method (SM:5520B)	< 3.0	≤10
pH (on site) *		Electrometric Method	7.2	5.5-9.0
Temperature *	°C	Laboratory and Field Method (SM:2550 B)	30	≤45

Physical Apperance : 1. Sample : Wastewater (lightly SS)

2. Container : Normal [PE 0.5 L (2 Bottle), PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 029 / 2567 (2024)

2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.

3. Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Aocha Khwansirimongkhon (จ-003-ท-0034)*

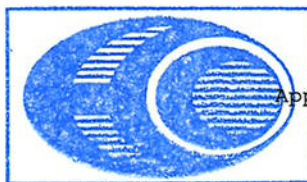
5. ** = These data are non laboratory data.

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ท-0007)

03/02/2026



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WITHOUT THE WRITTEN APPROVAL LABORATORY

Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ท-0005)

03/02/2026

Test Report

Request No : W6901501

Report No : 6902-0173

Customer : Siam Poongsan Metal Co.,Ltd. **

Address : 38/14 Laemchabang Industrial Estate, Moo 5 T. Tungsukla , A. Sriracha , Chonburi 20230 **

Sampling Source : Siam Poongsan Metal Co.,Ltd. **

Sample No : W 69011625

Sample Name : น้ำเสียอุตสาหกรรมหลังการบำบัด (Effluent) **

Sampling Date : 23/01/2026 **

Sampling By : ETC **

Sampling Time : 9:40 AM **

Sampling Method : Grab **

Received Date : 24/01/2026

Tested Date : 24/01/2026 - 30/01/2026

Reported Date : 03/02/2026

Parameter	Unit	Method	Result	Standard ¹
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	1,624	≤3000
Total Suspended Solids #	mg/L	Dried at 103-105 degree celsius (SM:2540D)	< 5	≤200
Zinc @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.41	≤5

Physical Apperance : 1. Sample : Wastewater (lightly SS)

2. Container : Normal [PE 0.5 L (2 Bottle), PE 1.8 L, G 1.0 L]

Remark : 1. /I Notification of Industrial Estate Authority of Thailand 029 / 2567 (2024)

2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.

3. Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Aocha Khwansirimongkhon (จ-003-ท-0034)*

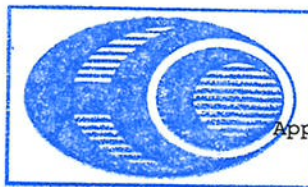
5. ** = These data are non laboratory data.

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ท-0007)

03/02/2026



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Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ท-0005)

03/02/2026

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Test Report

Request No : W6902367

Report No : 6902-1665

Customer : Siam Poongsan Metal Co.,Ltd. **
Address : 38/14 Laemchabang Industrial Estate, Moo 5 T. Tungsukla, A. Sriracha, Chonburi 20230 **
Sampling Source : Siam Poongsan Metal Co.,Ltd. ** Sample No : W 69021132
Sample Name : น้ำเสียอุตสาหกรรมหลังการบำบัด (Effluent) ** Sampling Date : 13/02/2026 **
Sampling By : ETC ** Sampling Time : 9:50 AM **
Sampling Method : Grab ** Received Date : 14/02/2026
Tested Date : 14/02/2026 - 23/02/2026 Reported Date : 25/02/2026

Parameter	Unit	Method	Result	Standard ¹
Chemical Oxygen Demand #	mg/L	Closed Reflux, Titrimetric Method (SM:5220C)	< 40	≤750
Copper @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.55	≤2
Nickel @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤1
Oil and Grease @	mg/L	Liquid-Liquid, Partition-Gravimetric Method (SM:5520B)	< 3.0	≤10
pH (on site) *		Electrometric Method	6.9	5.5-9.0
Temperature *	°C	Laboratory and Field Method (SM:2550 B)	29	≤45

Physical Appearance : 1. Sample : Wastewater (yellowish, lightly SS)
2. Container : Normal [PE 0.5 L (2 Bottle), PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 029 / 2567 (2024)
2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.
3. Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.
4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang (จ-003-ค-0031) *
5. ** = These data are non laboratory data.

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-0007)
25/02/2026



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)
(จ-003-ค-0005)
25/02/2026

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6902367

Report No : 6902-1665

Customer : Siam Poongsan Metal Co.,Ltd. **

Address : 38/14 Laemchabang Industrial Estate, Moo 5 T. Tungsukla, A. Sriracha, Chonburi 20230 **

Sampling Source : Siam Poongsan Metal Co.,Ltd. **

Sample No : W 69021132

Sample Name : น้ำเสียอุตสาหกรรมหลังการบำบัด (Effluent) **

Sampling Date : 13/02/2026 **

Sampling By : ETC **

Sampling Time : 9:50 AM **

Sampling Method : Grab **

Received Date : 14/02/2026

Tested Date : 14/02/2026 - 23/02/2026

Reported Date : 25/02/2026

Parameter	Unit	Method	Result	Standard ¹
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	2,196	≤3000
Total Suspended Solids #	mg/L	Dried at 103-105 degree celsius (SM:2540D)	<5	≤200
Zinc @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.99	≤5

Physical Apperance : 1. Sample : Wastewater (yellowish, lightly SS)

2. Container : Normal [PE 0.5 L (2 Bottle), PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /I Notification of Industrial Estate Authority of Thailand 029 / 2567 (2024)

2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.

3. Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang (จ-003-ค-0031) *

5. ** = These data are non laboratory data.

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-0007)

25/02/2026



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ค-0005)

25/02/2026

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6903373

Report No : 6903-1254

Customer : Siam Poongsan Metal Co.,Ltd. **

Address : 38/14 Laemchabang Industrial Estate, Moo 5 T. Tungsukla, A. Sriracha, Chonburi 20230 **

Sampling Source : Siam Poongsan Metal Co.,Ltd. **

Sample No : W 69031150

Sample Name : น้ำเสียอุตสาหกรรมหลังการบำบัด (Effluent) **

Sampling Date : 13/03/2026 **

Sampling By : ETC **

Sampling Time : 1:15 PM **

Sampling Method : Grab **

Received Date : 14/03/2026

Tested Date : 16/03/2026 - 20/03/2026

Reported Date : 24/03/2026

Parameter	Unit	Method	Result	Standard ¹
Chemical Oxygen Demand #	mg/L	Closed Reflux, Titrimetric Method (SM:5220C)	< 40	≤750
Copper @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.48	≤2
Nickel @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤1
Oil and Grease @	mg/L	Liquid-Liquid, Partition-Gravimetric Method (SM:5520B)	< 3.0	≤10
pH (on site) *		Electrometric Method	7.7	5.5-9.0
Temperature *	°C	Laboratory and Field Method (SM:2550 B)	32	≤45

Physical Appearance : 1. Sample : Wastewater (yellowish, lightly SS)

2. Container : Normal [PE 0.5 L (3 Bottle), PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 029 / 2567 (2024)

2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.

3. Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Aocha Khwansiramongkhon (จ-003-ก-0034) *

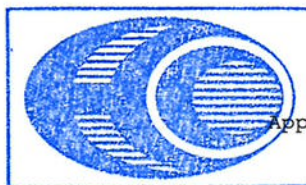
5. ** = These data are non laboratory data.

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ก-0007)

24/03/2026



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ก-0005)

24/03/2026

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

Request No : W6903373

Report No : 6903-1254

Customer : Siam Poongsan Metal Co.,Ltd. **

Address : 38/14 Laemchabang Industrial Estate, Moo 5 T. Tungsukla, A. Sriracha, Chonburi 20230 **

Sampling Source : Siam Poongsan Metal Co.,Ltd. **

Sample No : W 69031150

Sample Name : น้ำเสียอุตสาหกรรมหลังการบำบัด (Effluent) **

Sampling Date : 13/03/2026 **

Sampling By : ETC **

Sampling Time : 1:15 PM **

Sampling Method : Grab **

Received Date : 14/03/2026

Tested Date : 16/03/2026 - 20/03/2026

Reported Date : 24/03/2026

Parameter	Unit	Method	Result	Standard ¹
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	1,860	≤3000
Total Suspended Solids #	mg/L	Dried at 103-105 degree celsius (SM:2540D)	< 5	≤200
Zinc @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.45	≤5

Physical Apperance : 1. Sample : Wastewater (ycellowish , lightly SS)

2. Container : Normal [PE 0.5 L (3 Bottle), PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 029 / 2567 (2024)

2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.

3. Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Aocha Khwansirimongkhon (จ-003-ก-0034) *

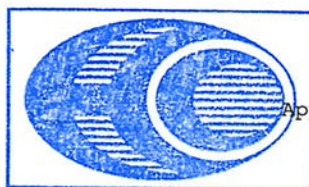
5. ** = These data are non laboratory data.

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ก-0007)

24/03/2026



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ก-0005)

24/03/2026

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Test Report

Request No : W6904355

Report No : 6904-1455

Customer : Siam Poongsan Metal Co.,Ltd. **

Address : 38/14 Laemchabang Industrial Estate, Moo 5 T. Tungsukla, A. Sriracha, Chonburi 20230 **

Sampling Source : Siam Poongsan Metal Co.,Ltd. **

Sample No : W 69041062

Sample Name : น้ำเสียอุตสาหกรรมหลังการบำบัด (Effluent) **

Sampling Date : 10/04/2026**

Sampling By : ETC**

Sampling Time : 10:15 AM**

Sampling Method : Grab **

Received Date : 11/04/2026

Tested Date : 11/04/2026 - 24/04/2026

Reported Date : 25/04/2026

Parameter	Unit	Method	Result	Standard ¹
Chemical Oxygen Demand #	mg/L	Closed Reflux, Titrimetric Method (SM:5220C)	< 40	≤ 750
Copper @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.46	≤ 2
Nickel @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤ 1
Oil and Grease @	mg/L	Liquid-Liquid, Partition-Gravimetric Method (SM:5520B)	< 3.0	≤ 10
pH (on site) *		Electrometric Method	7.2	5.5-9.0
Temperature *	°C	Laboratory and Field Method (SM:2550 B)	28	≤ 45

Physical Appearance : 1. Sample : Wastewater (lightly SS)

2. Container : Normal [PE 0.5 L (2 Bottle), PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 029 / 2567 (2024)

2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.

3. Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwan (จ-003-ค-0016) *

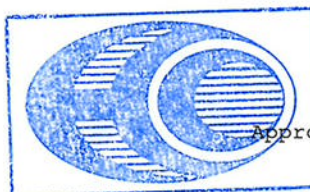
5. ** = These data are non laboratory data.

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-0007)

25/04/2026



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Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ค-0005)

25/04/2026

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WITHOUT THE WRITTEN APPROVAL LABORATORY

Test Report

Request No : W6904355

Report No : 6904-1455

Customer : Siam Poongsan Metal Co.,Ltd. **

Address : 38/14 Laemchabang Industrial Estate, Moo 5 T. Tungsukla, A. Sriracha, Chonburi 20230 **

Sampling Source : Siam Poongsan Metal Co.,Ltd. **

Sample No : W 69041062

Sample Name : น้ำเสียอุตสาหกรรมหลังการบำบัด (Effluent) **

Sampling Date : 10/04/2026**

Sampling By : ETC**

Sampling Time : 10:15 AM**

Sampling Method : Grab **

Received Date : 11/04/2026

Tested Date : 11/04/2026 - 24/04/2026

Reported Date : 25/04/2026

Parameter	Unit	Method	Result	Standard ¹
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	760	≤3000
Total Suspended Solids #	mg/L	Dried at 103-105 degree celsius (SM:2540D)	< 5	≤200
Zinc @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.57	≤5

Physical Apperance : 1. Sample : Wastewater (lightly SS)

2. Container : Normal [PE 0.5 L (2 Bottle), PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 029 / 2567 (2024)

2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.

3. Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwan (จ-003-ค-0016) *

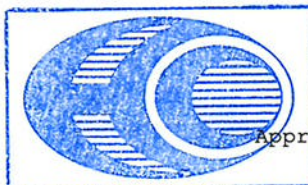
5. ** = These data are non laboratory data.

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-0007)

25/04/2026



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Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ค-0005)

25/04/2026

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Test Report

Request No : W6905427

Report No : 6905-1627

Customer : Siam Poongsan Metal Co.,Ltd. **

Address : 38/14 Laemchabang Industrial Estate, Moo 5 T. Tungsukla, A. Sriracha, Chonburi 20230 **

Sampling Source : Siam Poongsan Metal Co.,Ltd. **

Sample No : W 69051232

Sample Name : น้ำเสียอุตสาหกรรมหลังการบำบัด (Effluent) **

Sampling Date : 14/05/2026 **

Sampling By : ETC **

Sampling Time : 8:55 AM **

Sampling Method : Grab **

Received Date : 15/05/2026

Tested Date : 15/05/2026 - 22/05/2026

Reported Date : 26/05/2026

Parameter	Unit	Method	Result	Standard ¹
Chemical Oxygen Demand #	mg/L	Closed Reflux, Titrimetric Method (SM:5220C)	44	≤750
Copper @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.34	≤2
Nickel @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤1
Oil and Grease @	mg/L	Liquid-Liquid, Partition-Gravimetric Method (SM:5520B)	< 3.0	≤10
pH (on site) *		Electrometric Method	7.2	5.5-9.0
Temperature *	°C	Laboratory and Field Method (SM:2550 B)	33	≤45

Physical Appearance : 1. Sample : Wastewater (lightly SS)

2. Container : Normal [PE 0.5 L (2 Bottle), PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 029 / 2567 (2024)

2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.

3. Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang (จ-003-ก-0031) *

5. ** = These data are non laboratory data.

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ก-0007)

26/05/2026



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Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ก-0005)

26/05/2026

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Test Report

Request No : W6905427

Report No : 6905-1627

Customer : Siam Poongsan Metal Co.,Ltd. **

Address : 38/14 Laemchabang Industrial Estate, Moo 5 T. Tungsukla, A. Sriracha, Chonburi 20230 **

Sampling Source : Siam Poongsan Metal Co.,Ltd. **

Sample No : W 69051232

Sample Name : น้ำเสียอุตสาหกรรมหลังการบำบัด (Effluent) **

Sampling Date : 14/05/2026 **

Sampling By : ETC **

Sampling Time : 8:55 AM **

Sampling Method : Grab **

Received Date : 15/05/2026

Tested Date : 15/05/2026 - 22/05/2026

Reported Date : 26/05/2026

Parameter	Unit	Method	Result	Standard/ ¹
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	1,276	≤3000
Total Suspended Solids #	mg/L	Dried at 103-105 degree celsius (SM:2540D)	< 5	≤200
Zinc @	mg/L	Digestion,Inductively Coupled Plasma Method (SM:3030F, 3120B)	1.13	≤5

Physical Apperance : 1. Sample : Wastewater (lightly SS)

2. Container : Normal [PE 0.5 L (2 Bottle), PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 029 / 2567 (2024)

2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.

3. Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang (จ-003-ท-0031) *

5. ** = These data are non laboratory data.

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ท-0007)

26/05/2026



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Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ท-0005)

26/05/2026

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Test Report

Request No : W6906427, W6907006

Report No : 6906-1648-1, 6907-0392

Customer : Siam Poongsan Metal Co.,Ltd. **

Address : 38/14 Laemchabang Industrial Estate, Moo 5 T. Tungsukla, A. Sriracha, Chonburi 20230 **

Sampling Source : Siam Poongsan Metal Co.,Ltd. **

Sample No : W 69061276, W69070017

Sample Name : น้ำเสียอุตสาหกรรมหลังการบำบัด (Effluent) **

Sampling Date : 15/06/2026, 30/06/2026 **

Sampling By : ETC **

Sampling Time : 8:45 AM, 11:00 AM **

Sampling Method : Grab **

Received Date : 16/06/2026, 01/07/2026

Tested Date : 16/06/2026 - 23/06/2026

Reported Date : 08/07/2026

Parameter	Unit	Method	Result	Standard ¹
Chemical Oxygen Demand #	mg/L	Closed Reflux, Titrimetric Method (SM:5220C)	77	≤750
Copper @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	1.15	≤2
Nickel @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤1
Oil and Grease @	mg/L	Liquid-Liquid, Partition-Gravimetric Method (SM:5520B)	< 3.0	≤10
pH (on site) *		Electrometric Method	7.2	5.5-9.0
Temperature *	°C	Laboratory and Field Method (SM:2550 B)	31	≤45

Physical Appearance : 1. Sample : Wastewater (lightly SS)

2. Container : Normal [PE 0.5 L (2 Bottle), PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 029 / 2567 (2024)

2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.

3. /2 Sample No. W69070017 : Sampling Date 30/06/2026 (11:00 AM) : Tested Date 01/07/2026 – 04/07/2026

4. Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.

5. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwan (จ-003-ท-0016) *

6. ** = These data are non laboratory data.

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ท-0007)

08/07/2026

SUPPLEMENT TO TEST REPORT NO. 6906-1648



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ท-0005)

08/07/2026

Test Report

Request No : W6906427, W6907006

Report No : 6906-1648-1, 6907-0392

Customer : Siam Poongsan Metal Co.,Ltd. **

Address : 38/14 Laemchabang Industrial Estate, Moo 5 T. Tungskula, A. Sriracha, Chonburi 20230 **

Sampling Source : Siam Poongsan Metal Co.,Ltd. **

Sample No : W 69061276, W69070017

Sample Name : น้ำเสียอุตสาหกรรมหลังการบำบัด (Effluent) **

Sampling Date : 15/06/2026, 30/06/2026 **

Sampling By : ETC **

Sampling Time : 8:45 AM, 11:00 AM **

Sampling Method : Grab **

Received Date : 16/06/2026, 01/07/2026

Tested Date : 16/06/2026 - 23/06/2026

Reported Date : 08/07/2026

Parameter	Unit	Method	Result	Standard ¹
Total Dissolved Solids #/2	mg/L	Dried at 180 degree celsius (SM:2540C)	1,900	≤3000
Total Suspended Solids #	mg/L	Dried at 103-105 degree celsius (SM:2540D)	5	≤200
Zinc @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.63	≤5

Physical Apperance : 1. Sample : Wastewater (lightly SS)

2. Container : Normal [PE 0.5 L (2 Bottle), PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 029 / 2567 (2024)

2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.

3. /2 Sample No. W69070017 : Sampling Date 30/06/2026 (11:00 AM) : Tested Date 01/07/2026 – 04/07/2026

4. Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.

5. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan (จ-003-ค-0016) *

6. ** = These data are non laboratory data.

SUPPLEMENT TO TEST REPORT NO. 6906-1648

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ค-0007)

08/07/2026



Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ค-0005)

08/07/2026

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คุณภาพน้ำใต้ดิน

Test Report

Request No : W6902368

Report No : 6902-1732

Customer : Siam Poongsan Metal Co.,Ltd. **

Address : 38/14 Laemchabang Industrial Estate, Moo 5 T. Tungsukla, A. Sriracha, Chonburi 20230 **

Sampling Source : Siam Poongsan Metal Co.,Ltd. **

Sample No : W 69021133

Sample Name : Groundwater-Up Gradient (UW1) **

Sampling Date : 13/02/2026 **

Sampling By : ETC **

Sampling Time : 10:15 AM **

Sampling Method : by Peristaltic Pump **

Received Date : 14/02/2026

Tested Date : 14/02/2026 - 18/02/2026

Reported Date : 26/02/2026

Parameter	Unit	Method	Result	Standard ¹
Manganese *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	2.43	≤33
Nickel @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.02	≤5
pH (on site) *		Electrometric Method	6.5	6.5 - 9.2***
Zinc @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	1.14	≤10

Physical Apperance : 1. Sample : Groundwater (lightly SS)

2. Container : Normal [PE 0.5 L (2 Bottle), G 1.0 L]

Remark : 1. /1 Soil and Groundwater Contamination Standard, Notification of the Ministry of Industry . B.E.2559 (2016)

2. @ = ISO/IEC 17025:2017 Accredited by TISI., SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.

3. ***ค่า pH จากจุดเก็บตัวอย่างบ่อน้ำที่เก็บตัวอย่างบ่อน้ำที่เปลี่ยนแปลงจะต้องไม่เกินหนึ่งระดับ และ
ไม่อยู่นอกช่วงค่าเกณฑ์อนุโลมสูงสุดของมาตรฐาน คุณภาพน้ำบาดาลที่ใช้บริโภค / ** = These data are non laboratory data.

4. Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.

5. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharek Phatklang (จ-003-ค-0031) *

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-0007)
26/02/2026



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Approved By :

(Miss Nunnaphat Bakhuntod)
(จ-003-ค-0005)
26/02/2026

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Test Report

Request No : W6902368

Report No : 6902-1732

Customer : Siam Poongsan Metal Co.,Ltd.

Address : 38/14 Laemchabang Industrial Estate, Moo 5 T. Tungsukla, A. Sriracha, Chonburi 20230

Sampling Source : Siam Poongsan Metal Co.,Ltd.

Sample No : W 69021133

Sample Name : Groundwater-Up Gradient (UW1)

Sampling Date : 13/02/2026

Sampling By : ETC

Sampling Time : 10:15 AM

Sampling Method : by Peristaltic Pump

Received Date : 14/02/2026

Tested Date : 14/02/2026 - 18/02/2026

Reported Date : 26/02/2026

Parameter	Unit	Method	Result	Standard ¹
Temperature	°C	Laboratory and Field Method (SM:2550 B)	33	-

Physical Apperance : 1. Sample : Groundwater (lightly SS)

2. Container : Normal [PE 0.5 L (2 Bottle), G 1.0 L]

Remark : 1. /I Soil and Groundwater Contamination Standard, Notification of the Ministry of Industry . B.E.2559 (2016)

2. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.

3. Parameter Outside The Scope of The Registration of Department of Industrial Works

4. Sampling By Mr. Supharerk Phatklang



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Examined By :

(Miss Apiradee Chuen-arom)

26/02/2026

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Test Report

Request No : W6902368

Report No : 6902-1733

Customer : Siam Poongsan Metal Co.,Ltd. **

Address : 38/14 Laemchabang Industrial Estate, Moo 5 T. Tungsukla, A. Sriracha, Chonburi 20230 **

Sampling Source : Siam Poongsan Metal Co.,Ltd. **

Sample No : W 69021134

Sample Name : Groundwater-Down Gradient (UW2) **

Sampling Date : 13/02/2026 **

Sampling By : ETC **

Sampling Time : 10:45 AM **

Sampling Method : by Peristaltic Pump **

Received Date : 14/02/2026

Tested Date : 14/02/2026 - 18/02/2026

Reported Date : 26/02/2026

Parameter	Unit	Method	Result	Standard ¹
Manganese [@]	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.54	≤33
Nickel [@]	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.02	≤5
pH (on site) *		Electrometric Method	6.5	6.5 - 9.2***
Zinc [@]	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.58	≤10

Physical Appearance : 1. Sample : Groundwater (ycellowish, lightly SS)

2. Container : Normal [PE 0.5 L (2 Bottle), G 1.0 L]

Remark : 1. /1 Soil and Groundwater Contamination Standard, Notification of the Ministry of Industry . B.E.2559 (2016)

2. @ = ISO/IEC 17025:2017 Accredited by TISI., SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.

3. ***ค่า pH จากจุดเก็บตัวอย่างบ่อน้ำที่จุดเก็บตัวอย่างบ่อน้ำที่เปลี่ยนแปลงจะต้องไม่เกินหนึ่งระดับ และ
ไม่อยู่นอกช่วงค่าเกณฑ์อนุโลมสูงสุดของมาตรฐาน คุณภาพน้ำบาดาลที่ใช้บริโภค / ** = These data are non laboratory data.

4. Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.

5. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang (จ-003-ก-0031) *

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ก-0007)
26/02/2026



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)
(จ-003-ก-0005)
26/02/2026

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Test Report

Request No : W6902368

Report No : 6902-1733

Customer : Siam Poongsan Metal Co.,Ltd.

Address : 38/14 Laemchabang Industrial Estate, Moo 5 T. Tungsukla, A. Sriracha, Chonburi 20230

Sampling Source : Siam Poongsan Metal Co.,Ltd.

Sample No : W 69021134

Sample Name : Groundwater-Down Gradient (UW2)

Sampling Date : 13/02/2026

Sampling By : ETC

Sampling Time : 10:45 AM

Sampling Method : by Peristaltic Pump

Received Date : 14/02/2026

Tested Date : 14/02/2026 - 18/02/2026

Reported Date : 26/02/2026

Parameter	Unit	Method	Result	Standard ¹
Temperature	°C	Laboratory and Field Method (SM:2550 B)	30	-

Physical Apperance : 1. Sample : Groundwater (yellowish, lightly SS)

2. Container : Normal [PE 0.5 L (2 Bottle), G 1.0 L]

Remark : 1. /1 Soil and Groundwater Contamination Standard, Notification of the Ministry of Industry . B.E.2559 (2016)

2. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.

3. Parameter Outside The Scope of The Registration of Department of Industrial Works

4. Sampling By Mr. Supharerk Phatklang



Examined By :

(Miss Apiradee Chuen-arom)

26/02/2026

บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

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Test Report

Request No : W6902368

Report No : 6902-1734

Customer : Siam Poongsan Metal Co.,Ltd. **

Address : 38/14 Laemchabang Industrial Estate, Moo 5 T. Tungsukla , A. Sriracha , Chonburi 20230 **

Sampling Source : Siam Poongsan Metal Co.,Ltd. **

Sample No : W 69021135

Sample Name : Groundwater-Down Gradient (UW3) **

Sampling Date : 13/02/2026 **

Sampling By : ETC **

Sampling Time : 10:25 AM **

Sampling Method : by Peristaltic Pump **

Received Date : 14/02/2026

Tested Date : 14/02/2026 - 18/02/2026

Reported Date : 26/02/2026

Parameter	Unit	Method	Result	Standard ¹
Manganese @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	1.10	≤33
Nickel @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.02	≤5
pH (on site) *		Electrometric Method	6.6	6.5 - 9.2***
Zinc @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	0.53	≤10

Physical Apperance : 1. Sample : Groundwater (yellow , turbid)

2. Container : Normal [PE 0.5 L (2 Bottle), G 1.0 L]

Remark : 1. /1 Soil and Groundwater Contamination Standard, Notification of the Ministry of Industry . B.E.2559 (2016)

2. @ = ISO/IEC 17025:2017 Accredited by TISI., SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.

3. ***ค่า pH จากจุดเก็บตัวอย่างบ่อกักเก็บน้ำที่เปลี่ยนแปลงจะต้องไม่เกินหนึ่งระดับ และ
ไม่อยู่นอกช่วงค่าเกณฑ์อนุโลมสูงสุดของมาตรฐาน คุณภาพน้ำบาดาลที่ใช้บริ โภค / ** = These data are non laboratory data.

4. Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat Bakhuntod is Technical Management

5. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang (จ-003-ค-0031) *

Examined By :

(Miss Apiradee Chuen-arom)
(จ-003-ค-0007)
26/02/2026



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)
(จ-003-ค-0005)
26/02/2026

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Test Report

Request No : W6902368

Report No : 6902-1734

Customer : Siam Poongsan Metal Co.,Ltd.

Address : 38/14 Laemchabang Industrial Estate, Moo 5 T. Tungsukla, A. Sriracha, Chonburi 20230

Sampling Source : Siam Poongsan Metal Co.,Ltd.

Sample No : W 69021135

Sample Name : Groundwater-Down Gradient (UW3)

Sampling Date : 13/02/2026

Sampling By : ETC

Sampling Time : 10:25 AM

Sampling Method : by Peristaltic Pump

Received Date : 14/02/2026

Tested Date : 14/02/2026 - 18/02/2026

Reported Date : 26/02/2026

Parameter	Unit	Method	Result	Standard ¹
Temperature	°C	Laboratory and Field Method (SM:2550 B)	30	-

Physical Apperance : 1. Sample : Groundwater (ycflow, turbid)

2. Container : Normal [PE 0.5 L (2 Bottle), G 1.0 L]

Remark : 1. /1 Soil and Groundwater Contamination Standard, Notification of the Ministry of Industry . B.E.2559 (2016)

2. SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.

3. Parameter Outside The Scope of The Registration of Department of Industrial Works

4. Sampling By Mr. Supharek Phatklang

Examined By : 

(Miss Apiradee Chuen-arom)

26/02/2026

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คุณภาพอากาศในบริเวณการทำงาน

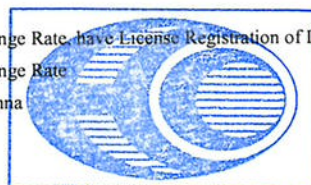
TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.
ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
SAMPLE POINT : บริเวณ Melting (NN1)
PARAMETER : L_{eq} 1 hr., L_{eq} 8 hr., L_{eq} 24 hr. & L_{max}
DETERMINATION METHOD : ISO 11202:2010
INSTRUMENT : Integrated Sound Level Meter ; S/N 00322756 : Class 2
Sound Level Calibrator : S/N 34802645

SAMPLE NO. : 04218
MEASURING DATE : 18-19/02/2026
RECEIVED DATE : 21/02/2026
REPORTED DATE : 26/02/2026

TIME \ DATE	18-19/02/2026 (L_{eq})	18-19/02/2026 (L_{max})	UNIT
09:25 - 10:25 ^{/4}	84.3	92.8	dB(A)
10:25 - 11:25	84.3	92.5	dB(A)
11:25 - 12:25	83.8	96.0	dB(A)
12:25 - 13:25	83.5	91.6	dB(A)
13:25 - 14:25	83.5	95.8	dB(A)
14:25 - 15:25	83.5	91.7	dB(A)
15:25 - 16:25	83.3	88.7	dB(A)
16:25 - 17:25	83.8	90.3	dB(A)
17:25 - 18:25	83.8	90.6	dB(A)
18:25 - 19:25	83.8	88.0	dB(A)
19:25 - 20:25	83.7	91.5	dB(A)
20:25 - 21:25	84.9	92.9	dB(A)
21:25 - 22:25	85.6	94.1	dB(A)
22:25 - 23:25	86.1	91.6	dB(A)
23:25 - 00:25	87.1	92.6	dB(A)
00:25 - 01:25	87.1	91.7	dB(A)
01:25 - 02:25	86.9	91.2	dB(A)
02:25 - 03:25	86.6	91.1	dB(A)
03:25 - 04:25	87.3	88.6	dB(A)
04:25 - 05:25	87.3	89.6	dB(A)
05:25 - 06:25	87.4	92.0	dB(A)
06:25 - 07:25	88.1	93.0	dB(A)
07:25 - 08:25	88.8	95.4	dB(A)
08:25 - 09:25	86.0	100.3	dB(A)
L_{eq} 24 hr.	83.8	-	dB(A)
Maximum	-	100.3	dB(A)
L_{eq} 8 hr. (TWA) ^{*/1}	09:25 - 17:25 น. = 83	17:25 - 01:25 น. = 85	01:25 - 09:25 น. = 87
L_{eq} 8 hr. (TWA) ^{**/2}	09:25 - 17:25 น. = 83	17:25 - 01:25 น. = 85	01:25 - 09:25 น. = 87
Standard L_{eq} 8 hr.	85 ^{/1} , 90 ^{/2}		
Maximum	09:25 - 17:25 น. = 96	17:25 - 01:25 น. = 94.1	01:25 - 09:25 น. = 100.3
Standard	- ^{/1} , 140 ^{/2} , 115 ^{/3}		

- REMARK :**
- ^{/1} Notification of The Department of Labour Protection and Welfare B.E. 2561 (2018) (Published in the Government Gazette on January 26, 2018)
 - ^{/2} Notification of The Ministry of Industry B.E. 2546 (2003)
 - ^{/3} Regulation of The Ministry of Labour B.E. 2559 (2016)
 - ^{/4} Start Time
 - * Based on Criteria 85 dB(A); 3 dB Exchange Rate, have License Registration of Department of Labour Protection and Welfare No. 0403-03-2564-0009
 - ** Based on Criteria 90 dB(A); 5 dB Exchange Rate
 - Measurement By Ms. Jiranantaporn Phanna



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

26/02/2026

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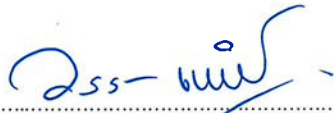
TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.
ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
SAMPLE POINT : บริเวณ Casting (NN2)
PARAMETER : L_{eq} 1 hr., L_{eq} 8 hr., L_{eq} 24 hr. & L_{max}
DETERMINATION METHOD : ISO 11202:2010
INSTRUMENT : Integrated Sound Level Meter ; S/N 00641700 : Class 2
Sound Level Calibrator : S/N 34802645

SAMPLE NO. : 04219
MEASURING DATE : 18-19/02/2026
RECEIVED DATE : 21/02/2026
REPORTED DATE : 26/02/2026

TIME \ DATE	18-19/02/2026 (L _{eq})	18-19/02/2026 (L _{max})	UNIT	
09:30 - 10:30 ^{/4}	83.7	103.9	dB(A)	
10:30 - 11:30	81.6	88.0	dB(A)	
11:30 - 12:30	80.5	89.6	dB(A)	
12:30 - 13:30	82.6	92.3	dB(A)	
13:30 - 14:30	81.8	98.6	dB(A)	
14:30 - 15:30	80.8	86.9	dB(A)	
15:30 - 16:30	82.4	92.3	dB(A)	
16:30 - 17:30	81.7	88.0	dB(A)	
17:30 - 18:30	80.7	86.7	dB(A)	
18:30 - 19:30	81.7	104.1	dB(A)	
19:30 - 20:30	82.3	92.6	dB(A)	
20:30 - 21:30	82.5	92.6	dB(A)	
21:30 - 22:30	83.0	90.8	dB(A)	
22:30 - 23:30	84.0	87.6	dB(A)	
23:30 - 00:30	85.7	89.4	dB(A)	
00:30 - 01:30	85.7	94.4	dB(A)	
01:30 - 02:30	84.9	89.7	dB(A)	
02:30 - 03:30	85.1	89.4	dB(A)	
03:30 - 04:30	86.5	97.3	dB(A)	
04:30 - 05:30	86.2	89.4	dB(A)	
05:30 - 06:30	85.9	88.3	dB(A)	
06:30 - 07:30	87.1	97.6	dB(A)	
07:30 - 08:30	88.2	97.1	dB(A)	
08:30 - 09:30	81.6	94.6	dB(A)	
L _{eq} 24 hr.	84.2	-	dB(A)	
Maximum	-	104.1	dB(A)	
L _{eq} 8 hr. (TWA) ^{*,/1}	09:30 - 17:30 น. = 81	17:30 - 01:30 น. = 83	01:30 - 09:30 น. = 86	dB(A)
L _{eq} 8 hr. (TWA) ^{**,/2}	09:30 - 17:30 น. = 81	17:30 - 01:30 น. = 83	01:30 - 09:30 น. = 85	dB(A)
Standard L _{eq} 8 hr.	85 ^{/1} , 90 ^{/2}			dB(A)
Maximum	09:30 - 17:30 น. = 103.9	17:30 - 01:30 น. = 104.1	01:30 - 09:30 น. = 97.6	dB(A)
Standard	- ^{/1} , 140 ^{/2} , 115 ^{/3}			dB(A)

- REMARK :**
- ^{/1} Notification of The Department of Labour Protection and Welfare B.E. 2561 (2018) (Published in the Government Gazette on January 26, 2018)
 - ^{/2} Notification of The Ministry of Industry B.E. 2546 (2003)
 - ^{/3} Regulation of The Ministry of Labour B.E. 2559 (2016)
 - ^{/4} Start Time
 - * Based on Criteria 85 dB(A); 3 dB Exchange Rate, have License Registration of Department of Labour Protection and Welfare No. 0403-03-2564-0009
 - ** Based on Criteria 90 dB(A); 5 dB Exchange Rate
 - Measurement By Ms. Jiranantaporn Phanna

Approved By 

(MRS. WANPEN LHAOCHINDAWAT)

26/02/2026

บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

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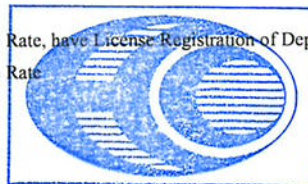
TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.
ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
SAMPLE POINT : บริเวณ RM01 (MC#9) (NN3)
PARAMETER : L_{eq} 1 hr., L_{eq} 8 hr., L_{eq} 24 hr. & L_{max}
DETERMINATION METHOD : ISO 11202:2010
INSTRUMENT : Integrated Sound Level Meter ; S/N 00222593 : Class 2
Sound Level Calibrator : S/N 34802645

SAMPLE NO. : 04220
MEASURING DATE : 19-20/02/2026
RECEIVED DATE : 21/02/2026
REPORTED DATE : 26/02/2026

TIME \ DATE	19-20/02/2026 (L _{eq})	19-20/02/2026 (L _{max})	UNIT	
09:30 - 10:30 ^{/4}	82.6	88.7	dB(A)	
10:30 - 11:30	83.2	89.1	dB(A)	
11:30 - 12:30	83.0	89.6	dB(A)	
12:30 - 13:30	82.2	89.4	dB(A)	
13:30 - 14:30	82.8	88.7	dB(A)	
14:30 - 15:30	82.5	88.7	dB(A)	
15:30 - 16:30	82.2	87.2	dB(A)	
16:30 - 17:30	82.6	87.5	dB(A)	
17:30 - 18:30	81.9	88.4	dB(A)	
18:30 - 19:30	82.8	88.6	dB(A)	
19:30 - 20:30	82.7	88.9	dB(A)	
20:30 - 21:30	82.7	88.7	dB(A)	
21:30 - 22:30	78.9	66.6	dB(A)	
22:30 - 23:30	81.7	85.8	dB(A)	
23:30 - 00:30	82.9	88.5	dB(A)	
00:30 - 01:30	82.8	89.8	dB(A)	
01:30 - 02:30	82.9	88.3	dB(A)	
02:30 - 03:30	82.5	89.1	dB(A)	
03:30 - 04:30	82.4	89.1	dB(A)	
04:30 - 05:30	82.7	90.1	dB(A)	
05:30 - 06:30	82.2	86.2	dB(A)	
06:30 - 07:30	83.0	89.5	dB(A)	
07:30 - 08:30	82.6	88.7	dB(A)	
08:30 - 09:30	83.2	89.1	dB(A)	
L _{eq} 24 hr.	82.5	-	dB(A)	
Maximum	-	90.1	dB(A)	
L _{eq} 8 hr. (TWA) ^{*,/1}	09:30 - 17:30 น. = 82	17:30 - 01:30 น. = 82	01:30 - 09:30 น. = 82	dB(A)
L _{eq} 8 hr. (TWA) ^{**,/2}	09:30 - 17:30 น. = 82	17:30 - 01:30 น. = 82	01:30 - 09:30 น. = 82	dB(A)
Standard L _{eq} 8 hr.	85 ^{/1} , 90 ^{/2}			dB(A)
Maximum	09:30 - 17:30 น. = 89.6	17:30 - 01:30 น. = 89.8	01:30 - 09:30 น. = 90.1	dB(A)
Standard	- ^{/1} , 140 ^{/2} , 115 ^{/3}			dB(A)

- REMARK :**
- ^{/1} Notification of The Department of Labour Protection and Welfare B.E. 2561 (2018) (Published in the Government Gazette on January 26, 2018)
 - ^{/2} Notification of The Ministry of Industry B.E. 2546 (2003)
 - ^{/3} Regulation of The Ministry of Labour B.E. 2559 (2016)
 - ^{/4} Start Time
 - * Based on Criteria 85 dB(A); 3 dB Exchange Rate, have License Registration of Department of Labour Protection and Welfare No. 0403-03-2564-0009
 - ** Based on Criteria 90 dB(A); 5 dB Exchange Rate
 - Measurement By Ms. Jiranantaporn Phanna



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Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

26/02/2026

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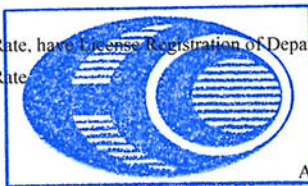
TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.
ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
SAMPLE POINT : บริเวณ Blanking (BK) NN4
PARAMETER : L_{eq} 1 hr., L_{eq} 8 hr., L_{eq} 24 hr. & L_{max}
DETERMINATION METHOD : ISO 11202:2010
INSTRUMENT : Integrated Sound Level Meter S/N 00322748 : Class 2
: Sound Level Calibrator : S/N 34745929

SAMPLE NO. : 20565
MEASURING DATE : 09-10/06/2026
RECEIVED DATE : 10/06/2026
REPORTED DATE : 23/06/2026

TIME \ DATE	09-10/06/2026		09-10/06/2026	UNIT
	(L _{eq})		(L _{max})	
08:45 - 09:45 ^{/4}	78.7		91.3	dB(A)
09:45 - 10:45	78.1		85.2	dB(A)
10:45 - 11:45	77.8		79.6	dB(A)
11:45 - 12:45	85.9		93.7	dB(A)
12:45 - 13:45	86.4		98.3	dB(A)
13:45 - 14:45	83.5		92.6	dB(A)
14:45 - 15:45	81.9		105.7	dB(A)
15:45 - 16:45	86.2		89.1	dB(A)
16:45 - 17:45	85.4		92.7	dB(A)
17:45 - 18:45	87.0		90.5	dB(A)
18:45 - 19:45	86.5		93.8	dB(A)
19:45 - 20:45	87.1		95.7	dB(A)
20:45 - 21:45	88.3		90.1	dB(A)
21:45 - 22:45	87.8		94.3	dB(A)
22:45 - 23:45	88.1		89.8	dB(A)
23:45 - 00:45	80.2		92.3	dB(A)
00:45 - 01:45	77.6		78.5	dB(A)
01:45 - 02:45	77.4		81.9	dB(A)
02:45 - 03:45	77.3		84.0	dB(A)
03:45 - 04:45	76.9		77.8	dB(A)
04:45 - 05:45	86.4		89.3	dB(A)
05:45 - 06:45	82.0		88.7	dB(A)
06:45 - 07:45	77.7		83.8	dB(A)
07:45 - 08:45	71.4		84.0	dB(A)
L _{eq} 24 hr.	84.4		-	dB(A)
Maximum	-		105.7	dB(A)
L _{eq} 8 hr. (TWA) ^{*/1}	08:45 - 16:45 น. = 83	16:45 - 00:45 น. = 86	00:45 - 08:45 น. = 80	dB(A)
L _{eq} 8 hr. (TWA) ^{**/2}	08:45 - 16:45 น. = 83	16:45 - 00:45 น. = 86	00:45 - 08:45 น. = 79	dB(A)
Standard L _{eq} 8 hr.	85 ^{/1} , 90 ^{/2}			dB(A)
Maximum	08:45 - 16:45 น. = 105.7	16:45 - 00:45 น. = 95.7	00:45 - 08:45 น. = 89.3	dB(A)
Standard	- ^{/1} , 140 ^{/2} , 115 ^{/3}			dB(A)

- REMARK :**
- ^{/1} Notification of The Department of Labour Protection and Welfare B.E. 2561 (2018) (Published in the Government Gazette on January 26, 2018)
 - ^{/2} Notification of The Ministry of Industry B.E. 2546 (2003)
 - ^{/3} Regulation of The Ministry of Labour B.E. 2559 (2016)
 - ^{/4} Start Time
 - * Based on Criteria 85 dB(A); 3 dB Exchange Rate, have License Registration of Department of Labour Protection and Welfare No. 0403-03-2564-0009
 - ** Based on Criteria 90 dB(A); 5 dB Exchange Rate
 - Measurement By Mr. Supachai Parakan



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

23/06/2026

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

Request No. LA69-R06100

Report No. R6906-4568

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.
ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
SAMPLE POINT : บริเวณ Packing (PK07) NN5
PARAMETER : L_{eq} 1 hr., L_{eq} 8 hr., L_{eq} 24 hr. & L_{max}
DETERMINATION METHOD : ISO 11202:2010
INSTRUMENT : Integrated Sound Level Meter S/N 00322751 : Class 2
: Sound Level Calibrator : S/N 34745929

SAMPLE NO. : 20566
MEASURING DATE : 09-10/06/2026
RECEIVED DATE : 10/06/2026
REPORTED DATE : 23/06/2026

TIME \ DATE	09-10/06/2026 (L _{eq})	09-10/06/2026 (L _{max})	UNIT	
08:50 - 09:50 ^{/4}	90.7	97.9	dB(A)	
09:50 - 10:50	89.5	97.8	dB(A)	
10:50 - 11:50	91.1	96.4	dB(A)	
11:50 - 12:50	92.7	97.6	dB(A)	
12:50 - 13:50	91.8	97.2	dB(A)	
13:50 - 14:50	92.1	96.3	dB(A)	
14:50 - 15:50	91.0	96.1	dB(A)	
15:50 - 16:50	91.4	97.5	dB(A)	
16:50 - 17:50	92.3	96.2	dB(A)	
17:50 - 18:50	79.0	89.7	dB(A)	
18:50 - 19:50	74.5	84.3	dB(A)	
19:50 - 20:50	74.9	82.5	dB(A)	
20:50 - 21:50	75.1	82.5	dB(A)	
21:50 - 22:50	74.8	80.9	dB(A)	
22:50 - 23:50	75.1	80.6	dB(A)	
23:50 - 00:50	73.2	76.8	dB(A)	
00:50 - 01:50	73.3	83.3	dB(A)	
01:50 - 02:50	73.0	75.0	dB(A)	
02:50 - 03:50	72.7	81.0	dB(A)	
03:50 - 04:50	72.6	74.3	dB(A)	
04:50 - 05:50	74.3	80.2	dB(A)	
05:50 - 06:50	73.1	79.4	dB(A)	
06:50 - 07:50	78.3	87.4	dB(A)	
07:50 - 08:50	75.1	80.6	dB(A)	
L _{eq} 24 hr.	87.4	-	dB(A)	
Maximum	-	97.9	dB(A)	
L _{eq} 8 hr. (TWA) ^{*,/1}	08:50 - 16:50 น. = 91	16:50 - 00:50 น. = 83	00:50 - 08:50 น. = 74	dB(A)
L _{eq} 8 hr. (TWA) ^{**,/2}	08:50 - 16:50 น. = 91	16:50 - 00:50 น. = 81	00:50 - 08:50 น. = 74	dB(A)
Standard L _{eq} 8 hr.	85 ^{/1} , 90 ^{/2}			dB(A)
Maximum	08:50 - 16:50 น. = 97.9	16:50 - 00:50 น. = 96.2	00:50 - 08:50 น. = 87.4	dB(A)
Standard	- ^{/1} , 140 ^{/2} , 115 ^{/3}			dB(A)

- REMARK :**
- ^{/1} Notification of The Department of Labour Protection and Welfare B.E. 2561 (2018) (Published in the Government Gazette on January 26, 2018)
 - ^{/2} Notification of The Ministry of Industry B.E. 2546 (2003)
 - ^{/3} Regulation of The Ministry of Labour B.E. 2559 (2016)
 - ^{/4} Start Time
 - * Based on Criteria 85 dB(A); 3 dB Exchange Rate, have License Registration of Department of Labour Protection and Welfare No. 0403-03-2564-0009
 - ** Based on Criteria 90 dB(A); 5 dB Exchange Rate
 - Measurement By Mr. Supachai Parakan



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

23/06/2026

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

Request No. LA69-R0305

Report No. R6902-0017

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.
ADDRESS : 38/14 Moo 5 T. Tungskula A. Sriracha, Chonburi 20230
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
SAMPLE POINT : บริเวณตัดแผ่นโลหะ (NN6)
PARAMETER : L_{eq} 1 hr., L_{eq} 8 hr., L_{eq} 24 hr. & L_{max}
DETERMINATION METHOD : ISO 11202:2010
INSTRUMENT : Integrated Sound Level Meter S/N 00322752 : Class 2
: Sound Level Calibrator : S/N 34802645

SAMPLE NO. : 04539
MEASURING DATE : 27-28/02/2026
RECEIVED DATE : 28/02/2026
REPORTED DATE : 05/03/2026

TIME \ DATE	27-28/02/2026 (L _{eq})	27-28/02/2026 (L _{max})	UNIT	
08:30 - 09:30 ^{/4}	83.1	101.3	dB(A)	
09:30 - 10:30	83.0	102.8	dB(A)	
10:30 - 11:30	80.3	102.2	dB(A)	
11:30 - 12:30	70.8	83.0	dB(A)	
12:30 - 13:30	82.9	102.2	dB(A)	
13:30 - 14:30	83.4	101.3	dB(A)	
14:30 - 15:30	81.4	101.7	dB(A)	
15:30 - 16:30	67.7	83.2	dB(A)	
16:30 - 17:30	67.6	88.7	dB(A)	
17:30 - 18:30	66.6	81.6	dB(A)	
18:30 - 19:30	66.0	74.3	dB(A)	
19:30 - 20:30	67.7	89.8	dB(A)	
20:30 - 21:30	66.9	80.9	dB(A)	
21:30 - 22:30	67.2	85.1	dB(A)	
22:30 - 23:30	66.6	83.0	dB(A)	
23:30 - 00:30	67.1	84.8	dB(A)	
00:30 - 01:30	69.3	95.0	dB(A)	
01:30 - 02:30	65.5	74.5	dB(A)	
02:30 - 03:30	66.6	92.8	dB(A)	
03:30 - 04:30	66.0	81.3	dB(A)	
04:30 - 05:30	65.3	70.2	dB(A)	
05:30 - 06:30	69.1	95.5	dB(A)	
06:30 - 07:30	69.3	96.5	dB(A)	
07:30 - 08:30	70.1	96.9	dB(A)	
L _{eq} 24 hr.	83.8	-	dB(A)	
Maximum	-	102.8	dB(A)	
L _{eq} 8 hr. (TWA) ^{*,/1}	08:30 - 16:30 น. = 81	16:30 - 00:30 น. = 66	00:30 - 08:30 น. = 67	dB(A)
L _{eq} 8 hr. (TWA) ^{**,/2}	08:30 - 16:30 น. = 80	16:30 - 00:30 น. = 66	00:30 - 08:30 น. = 67	dB(A)
Standard L _{eq} 8 hr.	85 ^{/1} , 90 ^{/2}			dB(A)
Maximum	08:30 - 16:30 น. = 102.8	16:30 - 00:30 น. = 89.8	00:30 - 08:30 น. = 96.9	dB(A)
Standard	- ^{/1} , 140 ^{/2} , 115 ^{/3}			dB(A)

- REMARK :**
- ^{/1} Notification of The Department of Labour Protection and Welfare B.E. 2561 (2018) (Published in the Government Gazette on January 26, 2018)
 - ^{/2} Notification of The Ministry of Industry B.E. 2546 (2003)
 - ^{/3} Regulation of The Ministry of Labour B.E. 2559 (2016)
 - ^{/4} Start Time
 - * Based on Criteria 85 dB(A); 3 dB Exchange Rate, have License Registration of Department of Labour Protection and Welfare No. 0403-03-2564-0009
 - ** Based on Criteria 90 dB(A); 5 dB Exchange Rate
 - Measurement By Ms. Jiranantaporn Phanna



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

05/03/2026

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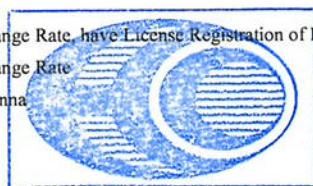
TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.
ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
SAMPLE POINT : บริเวณจุดผิวโลหะ (SC03) (NN7)
PARAMETER : L_{eq} 1 hr., L_{eq} 8 hr., L_{eq} 24 hr. & L_{max}
DETERMINATION METHOD : ISO 11202:2010
INSTRUMENT : Integrated Sound Level Meter ; S/N 00322749 : Class 2
Sound Level Calibrator : S/N 34802645

SAMPLE NO. : 04221
MEASURING DATE : 19-20/02/2026
RECEIVED DATE : 21/02/2026
REPORTED DATE : 26/02/2026

TIME \ DATE	19-20/02/2026 (L_{eq})	19-20/02/2026 (L_{max})	UNIT
09:30 - 10:30 ^{/4}	85.2	98.3	dB(A)
10:30 - 11:30	86.4	104.7	dB(A)
11:30 - 12:30	82.7	94.2	dB(A)
12:30 - 13:30	85.1	103.5	dB(A)
13:30 - 14:30	86.1	105.8	dB(A)
14:30 - 15:30	85.7	103.5	dB(A)
15:30 - 16:30	86.2	104.5	dB(A)
16:30 - 17:30	84.5	103.9	dB(A)
17:30 - 18:30	77.4	88.2	dB(A)
18:30 - 19:30	81.9	104.2	dB(A)
19:30 - 20:30	77.6	88.1	dB(A)
20:30 - 21:30	86.7	104.4	dB(A)
21:30 - 22:30	87.0	104.9	dB(A)
22:30 - 23:30	86.9	104.3	dB(A)
23:30 - 00:30	80.5	94.4	dB(A)
00:30 - 01:30	85.8	104.8	dB(A)
01:30 - 02:30	83.7	97.9	dB(A)
02:30 - 03:30	86.3	94.3	dB(A)
03:30 - 04:30	79.9	92.9	dB(A)
04:30 - 05:30	78.8	96.7	dB(A)
05:30 - 06:30	79.2	95.3	dB(A)
06:30 - 07:30	84.9	99.9	dB(A)
07:30 - 08:30	79.8	98.2	dB(A)
08:30 - 09:30	83.0	94.7	dB(A)
L_{eq} 24 hr.	84.3	-	dB(A)
Maximum	-	105.8	dB(A)
L_{eq} 8 hr. (TWA) ^{*/1}	09:30 - 17:30 น. = 85	17:30 - 01:30 น. = 84	01:30 - 09:30 น. = 82
L_{eq} 8 hr. (TWA) ^{**/2}	09:30 - 17:30 น. = 85	17:30 - 01:30 น. = 83	01:30 - 09:30 น. = 82
Standard L_{eq} 8 hr.	85 ^{/1} , 90 ^{/2}		dB(A)
Maximum	09:30 - 17:30 น. = 105.8	17:30 - 01:30 น. = 104.9	01:30 - 09:30 น. = 99.9
Standard	- ^{/1} , 140 ^{/2} , 115 ^{/3}		dB(A)

- REMARK :**
- ^{/1} Notification of The Department of Labour Protection and Welfare B.E. 2561 (2018) (Published in the Government Gazette on January 26, 2018)
 - ^{/2} Notification of The Ministry of Industry B.E. 2546 (2003)
 - ^{/3} Regulation of The Ministry of Labour B.E. 2559 (2016)
 - ^{/4} Start Time
 - * Based on Criteria 85 dB(A); 3 dB Exchange Rate, have License Registration of Department of Labour Protection and Welfare No. 0403-03-2564-0009
 - ** Based on Criteria 90 dB(A); 5 dB Exchange Rate
 - Measurement By Ms. Jirantaporn Phanna



บริษัท อีสเทิร์น ไทย คอนซัลติ้ง 1992 จำกัด

Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

26/02/2026

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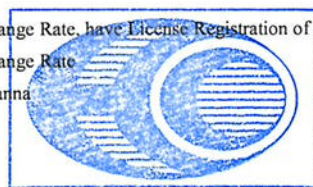
TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.
ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
SAMPLE POINT : บริเวณเครื่องปั๊มแผ่นดิสก์ (NN8)
PARAMETER : L_{eq} 1 hr., L_{eq} 8 hr., L_{eq} 24 hr. & L_{max}
DETERMINATION METHOD : ISO 11202:2010
INSTRUMENT : Integrated Sound Level Meter ; S/N 00222593 : Class 2
Sound Level Calibrator : S/N 34802645

SAMPLE NO. : 04222
MEASURING DATE : 20-21/02/2026
RECEIVED DATE : 21/02/2026
REPORTED DATE : 26/02/2026

TIME \ DATE	20-21/02/2026 (L _{eq})	20-21/02/2026 (L _{max})	UNIT	
09:15 - 10:15 ^{/4}	85.9	96.0	dB(A)	
10:15 - 11:15	85.5	98.2	dB(A)	
11:15 - 12:15	74.3	84.9	dB(A)	
12:15 - 13:15	82.1	95.6	dB(A)	
13:15 - 14:15	87.9	96.0	dB(A)	
14:15 - 15:15	87.1	96.5	dB(A)	
15:15 - 16:15	87.6	94.9	dB(A)	
16:15 - 17:15	73.6	91.7	dB(A)	
17:15 - 18:15	86.4	97.6	dB(A)	
18:15 - 19:15	70.4	86.6	dB(A)	
19:15 - 20:15	70.0	77.1	dB(A)	
20:15 - 21:15	77.9	84.2	dB(A)	
21:15 - 22:15	79.2	85.8	dB(A)	
22:15 - 22:15	79.0	92.5	dB(A)	
22:15 - 00:15	78.8	87.1	dB(A)	
00:15 - 01:15	79.5	92.9	dB(A)	
01:15 - 02:15	79.2	94.0	dB(A)	
02:15 - 03:15	78.8	90.6	dB(A)	
03:15 - 04:15	71.3	81.3	dB(A)	
04:15 - 05:15	71.4	78.7	dB(A)	
05:15 - 06:15	75.0	80.9	dB(A)	
06:15 - 07:15	78.9	83.7	dB(A)	
07:15 - 08:15	79.0	93.8	dB(A)	
08:15 - 09:15	89.3	94.8	dB(A)	
L _{eq} 24 hr.	82.9	-	dB(A)	
Maximum	-	98.2	dB(A)	
L _{eq} 8 hr. (TWA) ^{*,/1}	09:15 - 17:15 น. = 85	17:15 - 01:15 น. = 80	01:15 - 09:15 น. = 81	dB(A)
L _{eq} 8 hr. (TWA) ^{**,/2}	09:15 - 17:15 น. = 84	17:15 - 01:15 น. = 79	01:15 - 09:15 น. = 80	dB(A)
Standard L _{eq} 8 hr.	85 ^{/1} , 90 ^{/2}			dB(A)
Maximum	09:15 - 17:15 น. = 98.2	17:15 - 01:15 น. = 97.6	01:15 - 09:15 น. = 94.8	dB(A)
Standard	- ^{/1} , 140 ^{/2} , 115 ^{/3}			dB(A)

- REMARK :**
- ^{/1} Notification of The Department of Labour Protection and Welfare B.E. 2561 (2018) (Published in the Government Gazette on January 26, 2018)
 - ^{/2} Notification of The Ministry of Industry B.E. 2546 (2003)
 - ^{/3} Regulation of The Ministry of Labour B.E. 2559 (2016)
 - ^{/4} Start Time
 - * Based on Criteria 85 dB(A); 3 dB Exchange Rate, have License Registration of Department of Labour Protection and Welfare No. 0403-03-2564-0009
 - ** Based on Criteria 90 dB(A); 5 dB Exchange Rate
 - Measurement By Ms. Jiranantaporn Phanna



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

26/02/2026

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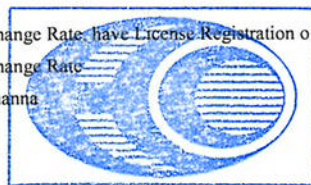
TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.
ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
SAMPLE POINT : บริเวณอาคารคอรอส (NN9)
PARAMETER : L_{eq} 1 hr., L_{eq} 8 hr., L_{eq} 24 hr. & L_{max}
DETERMINATION METHOD : ISO 11202:2010
INSTRUMENT : Integrated Sound Level Meter ; S/N 00322749 : Class 2
Sound Level Calibrator : S/N 34802645

SAMPLE NO. : 04223
MEASURING DATE : 20-21/02/2026
RECEIVED DATE : 21/02/2026
REPORTED DATE : 26/02/2026

TIME \ DATE	20-21/02/2026 (L _{eq})	20-21/02/2026 (L _{max})	UNIT	
08:50 - 09:50 ^{/4}	82.2	99.8	dB(A)	
09:50 - 10:50	86.4	107.9	dB(A)	
10:50 - 11:50	65.6	91.4	dB(A)	
11:50 - 12:50	77.0	96.0	dB(A)	
12:50 - 13:50	84.3	99.1	dB(A)	
13:50 - 14:50	84.4	100.1	dB(A)	
14:50 - 15:50	87.0	100.5	dB(A)	
15:50 - 16:50	62.9	86.2	dB(A)	
16:50 - 17:50	55.6	57.4	dB(A)	
17:50 - 18:50	55.6	57.7	dB(A)	
18:50 - 19:50	55.0	57.8	dB(A)	
19:50 - 20:50	57.9	69.6	dB(A)	
20:50 - 21:50	58.6	70.4	dB(A)	
21:50 - 22:50	58.4	67.7	dB(A)	
22:50 - 23:50	56.7	65.4	dB(A)	
23:50 - 00:50	58.4	67.1	dB(A)	
00:50 - 01:50	58.3	69.6	dB(A)	
01:50 - 02:50	58.5	69.2	dB(A)	
02:50 - 03:50	56.7	67.3	dB(A)	
03:50 - 04:50	56.2	57.7	dB(A)	
04:50 - 05:50	57.2	66.9	dB(A)	
05:50 - 06:50	58.7	67.5	dB(A)	
06:50 - 07:50	56.0	62.1	dB(A)	
07:50 - 08:50	57.1	71.0	dB(A)	
L _{eq} 24 hr.	78.5	-	dB(A)	
Maximum	-	107.9	dB(A)	
L _{eq} 8 hr. (TWA) ^{*/1}	08:50 - 16:50 น. = 83	16:50 - 00:50 น. = 57	00:50 - 08:50 น. = 57	dB(A)
L _{eq} 8 hr. (TWA) ^{**/2}	08:50 - 16:50 น. = 82	16:50 - 00:50 น. = 57	00:50 - 08:50 น. = 57	dB(A)
Standard L _{eq} 8 hr.	85 ^{/1} , 90 ^{/2}			dB(A)
Maximum	08:50 - 16:50 น. = 107.9	16:50 - 00:50 น. = 70.4	00:50 - 08:50 น. = 71	dB(A)
Standard	- ^{/1} , 140 ^{/2} , 115 ^{/3}			dB(A)

- REMARK :**
- ^{/1} Notification of The Department of Labour Protection and Welfare B.E. 2561 (2018) (Published in the Government Gazette on January 26, 2018)
 - ^{/2} Notification of The Ministry of Industry B.E. 2546 (2003)
 - ^{/3} Regulation of The Ministry of Labour B.E. 2559 (2016)
 - ^{/4} Start Time
 - * Based on Criteria 85 dB(A); 3 dB Exchange Rate, have License Registration of Department of Labour Protection and Welfare No. 0403-03-2564-0009
 - ** Based on Criteria 90 dB(A); 5 dB Exchange Rate
 - Measurement By Ms. Jiranantapom Phanna



บริษัท อีสเทิร์น ไทย คอนซัลติ้ง 1992 จำกัด

Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

26/02/2026

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ระดับเสียงในสถานประกอบการ

Request No. LA69-R0252

Report No. R6902-1214

TEST REPORT

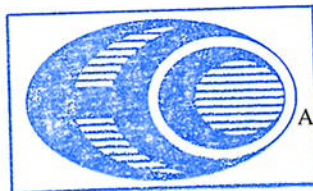
CUSTOMER : Siam Poongsan Metal Co., Ltd.
 ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230
 SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
 SAMPLE POINT : บริเวณ Melting (NN1) (จุดพื้รศักดิ์ แก้วอยู่)
 MEASURING DATE : 18/02/2026
 RECEIVED DATE : 21/02/2026
 INSTRUMENT : Noise dosimeter : S/N CB0954
 : Noise Dose Calibrator : S/N 73967

SAMPLE NO. : 04192
 SAMPLING TIME : 09:00-17:00
 REPORTED DATE : 26/02/2026

PARAMETER*	RESULT	STANDARD	UNIT
Time weighted average level (8-hr TWA) [#]	82.3	85 ^{/1}	dB(A)
8 Hour dose	53.78	100 ^{/2}	%

REMARK :

^{/1} Notification of The Department of Labour Protection and Welfare B.E. 2561 (2018)
^{/2} Standard of National Institute for Occupational Safety and Health, Occupational Noise Exposure Revised Criteria 1998
[#] Based on Criteria 85 dB(A) ; 3 dB Exchange Rate
 * Parameter have License Registration of Department of Labour Protection and Welfare No. 0403-03-2564-0009
 (Measurement By Ms. Jiranantaporn Phanna)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

26/02/2026

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Request No. LA69-R0252

Report No. R6902-1215

TEST REPORT

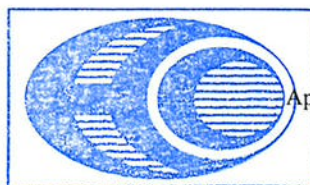
CUSTOMER : Siam Poongsan Metal Co., Ltd.
 ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230
 SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
 SAMPLE POINT : บริเวณ Melting (NN1) (จุดพจนัน้ ใจมา)
 MEASURING DATE : 18/02/2026
 RECEIVED DATE : 21/02/2026
 INSTRUMENT : Noise dosimeter : S/N CB1499
 : Noise Dose Calibrator : S/N 73967

SAMPLE NO. : 04193
 SAMPLING TIME : 09:00-17:00
 REPORTED DATE : 26/02/2026

PARAMETER*	RESULT	STANDARD	UNIT
Time weighted average level (8-hr TWA) [#]	83.1	85 ^{/1}	dB(A)
8 Hour dose	65.00	100 ^{/2}	%

REMARK :

^{/1} Notification of The Department of Labour Protection and Welfare B.E. 2561 (2018)
^{/2} Standard of National Institute for Occupational Safety and Health, Occupational Noise Exposure Revised Criteria 1998
[#] Based on Criteria 85 dB(A) ; 3 dB Exchange Rate
 * Parameter have License Registration of Department of Labour Protection and Welfare No. 0403-03-2564-0009
 (Measurement By Ms. Jiranantaporn Phanna)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

26/02/2026

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Request No. LA69-R0252

Report No. R6902-1216

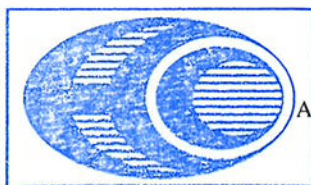
TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.
 ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230
 SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
 SAMPLE POINT : บริเวณ Melting (NN1) (คุณสมบัติ โยยอด)
 MEASURING DATE : 18/02/2026
 RECEIVED DATE : 21/02/2026
 INSTRUMENT : Noise dosimeter : S/N CB0958
 : Noise Dose Calibrator : S/N 73967

SAMPLE NO. : 04194
 SAMPLING TIME : 09:00-17:00
 REPORTED DATE : 26/02/2026

PARAMETER*	RESULT	STANDARD	UNIT
Time weighted average level (8-hr TWA) [#]	81.9	85 ^{/1}	dB(A)
8 Hour dose	49.36	100 ^{/2}	%

REMARK : ^{/1} Notification of The Department of Labour Protection and Welfare B.E. 2561 (2018)
^{/2} Standard of National Institute for Occupational Safety and Health, Occupational Noise Exposure Revised Criteria 1998
[#] Based on Criteria 85 dB(A) ; 3 dB Exchange Rate
 * Parameter have License Registration of Department of Labour Protection and Welfare No. 0403-03-2564-0009
 (Measurement By Ms. Jiranantaporn Phanna)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

26/02/2026

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Request No. LA69-R0251

Report No. R6902-1207

TEST REPORT

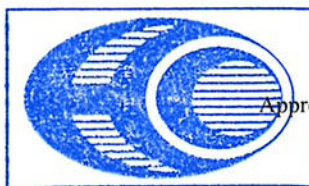
CUSTOMER : Siam Poongsan Metal Co., Ltd.
 ADDRESS : 38/14 Moo 5 T. Tung Sukla A. Sriracha, Chonburi 20230
 SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
 SAMPLE POINT : บริเวณ Melting (NN1) (ถุณคะนองเดช สมากงค้)
 MEASURING DATE : 20-21/02/2026
 RECEIVED DATE : 21/02/2026
 INSTRUMENT : Noise dosimeter : S/N CB1365
 : Noise Dose Calibrator : S/N 98650

SAMPLE NO. : 04185
 SAMPLING TIME : 20:00-04:00
 REPORTED DATE : 26/02/2026

PARAMETER*	RESULT	STANDARD	UNIT
Time weighted average level (8-hr TWA) [#]	79.5	85 ^{/1}	dB(A)
8 Hour dose	28.02	100 ^{/2}	%

REMARK :

^{/1} Notification of The Department of Labour Protection and Welfare B.E. 2561 (2018)
^{/2} Standard of National Institute for Occupational Safety and Health, Occupational Noise Exposure Revised Criteria 1998
[#] Based on Criteria 85 dB(A) ; 3 dB Exchange Rate
 * Parameter have License Registration of Department of Labour Protection and Welfare No. 0403-03-2564-0009
 (Measurement By Ms. Ratmanee Nakket)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

26/02/2026

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Request No. LA69-R0251

Report No. R6902-1209

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.
 ADDRESS : 38/14 Moo 5 T. Tung Sukla A. Sriracha, Chonburi 20230
 SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
 SAMPLE POINT : บริเวณ Melting (NN1) (อุณหภูมิ เชื้อดี)
 MEASURING DATE : 20-21/02/2026
 RECEIVED DATE : 21/02/2026
 INSTRUMENT : Noise dosimeter : S/N CB1500
 : Noise Dose Calibrator : S/N 98650

SAMPLE NO. : 04187
 SAMPLING TIME : 20:00-04:00
 REPORTED DATE : 26/02/2026

PARAMETER*	RESULT	STANDARD	UNIT
Time weighted average level (8-hr TWA) [#]	84.1	85 ^{/1}	dB(A)
8 Hour dose	82.05	100 ^{/2}	%

REMARK : ^{/1} Notification of The Department of Labour Protection and Welfare B.E. 2561 (2018)
^{/2} Standard of National Institute for Occupational Safety and Health, Occupational Noise Exposure Revised Criteria 1998
[#] Based on Criteria 85 dB(A) ; 3 dB Exchange Rate
 * Parameter have License Registration of Department of Labour Protection and Welfare No. 0403-03-2564-0009
 (Measurement By Ms. Ratmanee Nakket)



Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

26/02/2026

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด
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Request No. LA69-R0252

Report No. R6902-1217

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.
 ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230
 SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
 SAMPLE POINT : บริเวณ Casting (NN2) (คุณถาวร พรหมภักดี)
 MEASURING DATE : 18/02/2026
 RECEIVED DATE : 21/02/2026
 INSTRUMENT : Noise dosimeter : S/N CB0643
 : Noise Dose Calibrator : S/N 73967

SAMPLE NO. : 04195
 SAMPLING TIME : 09:00-17:00
 REPORTED DATE : 26/02/2026

PARAMETER*	RESULT	STANDARD	UNIT
Time weighted average level (8-hr TWA) [#]	80.1	85 ^{/1}	dB(A)
8 Hour dose	32.11	100 ^{/2}	%

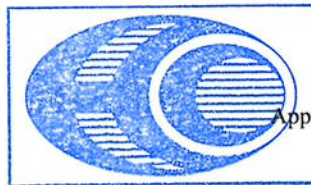
REMARK :

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

^{/2} Standard of National Institute for Occupational Safety and Health, Occupational Noise Exposure Revised Criteria 1998

[#] Based on Criteria 85 dB(A) ; 3 dB Exchange Rate

* Parameter have License Registration of Department of Labour Protection and Welfare No. 0403-03-2564-0009
(Measurement By Ms. Jiranantaporn Phanna)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

26/02/2026

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Request No. LA69-R0252

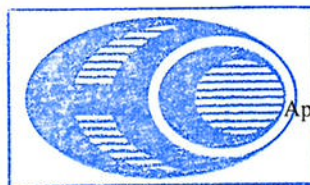
Report No. R6902-1218

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.
 ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230
 SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
 SAMPLE POINT : บริเวณ Casting (NN2) (จุดทองแดง ฟิวทวน)
 MEASURING DATE : 18/02/2026
 RECEIVED DATE : 21/02/2026 SAMPLE NO. : 04196
 INSTRUMENT : Noise dosimeter : S/N CB0644 SAMPLING TIME : 09:00-17:00
 : Noise Dose Calibrator : S/N 73967 REPORTED DATE : 26/02/2026

PARAMETER*	RESULT	STANDARD	UNIT
Time weighted average level (8-hr TWA) [#]	80.6	85 ^{/1}	dB(A)
8 Hour dose	36.31	100 ^{/2}	%

REMARK : ^{/1} Notification of The Department of Labour Protection and Welfare B.E. 2561 (2018)
^{/2} Standard of National Institute for Occupational Safety and Health, Occupational Noise Exposure Revised Criteria 1998
[#] Based on Criteria 85 dB(A) ; 3 dB Exchange Rate
 * Parameter have License Registration of Department of Labour Protection and Welfare No. 0403-03-2564-0009
 (Measurement By Ms. Jiranantaporn Phanna)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

26/02/2026

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Request No. LA69-R0252

Report No. R6902-1224

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.
 ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230
 SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
 SAMPLE POINT : บริเวณ Casting (NN2) (คุณธนชล เดชา)
 MEASURING DATE : 18-19/02/2026
 RECEIVED DATE : 21/02/2026 SAMPLE NO. : 04202
 INSTRUMENT : Noise dosimeter : S/N CB1500 SAMPLING TIME : 20:10-04:10
 : Noise Dose Calibrator : S/N 73967 REPORTED DATE : 26/02/2026

PARAMETER*	RESULT	STANDARD	UNIT
Time weighted average level (8-hr TWA) [#]	80.9	85 ^{/1}	dB(A)
8 Hour dose	38.82	100 ^{/2}	%

REMARK : ^{/1} Notification of The Department of Labour Protection and Welfare B.E. 2561 (2018)
^{/2} Standard of National Institute for Occupational Safety and Health, Occupational Noise Exposure Revised Criteria 1998
[#] Based on Criteria 85 dB(A) ; 3 dB Exchange Rate
 * Parameter have License Registration of Department of Labour Protection and Welfare No. 0403-03-2564-0009
 (Measurement By Ms. Jiranantaporn Phanna)



Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

26/02/2026

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Request No. LA69-R0251

Report No. R6902-1210

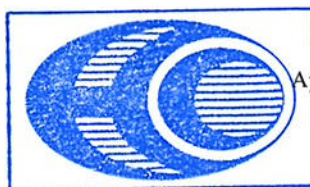
TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.
 ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230
 SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
 SAMPLE POINT : บริเวณ Casting (NN2) (คุณชนกกิจ แคนติ)
 MEASURING DATE : 20-21/02/2026
 RECEIVED DATE : 21/02/2026
 INSTRUMENT : Noise dosimeter : S/N CB0956
 : Noise Dose Calibrator : S/N 98650

SAMPLE NO. : 04188
 SAMPLING TIME : 20:00-04:00
 REPORTED DATE : 26/02/2026

PARAMETER*	RESULT	STANDARD	UNIT
Time weighted average level (8-hr TWA) [#]	84.2	85 ^{/1}	dB(A)
8 Hour dose	83.23	100 ^{/2}	%

REMARK : ^{/1} Notification of The Department of Labour Protection and Welfare B.E. 2561 (2018)
^{/2} Standard of National Institute for Occupational Safety and Health, Occupational Noise Exposure Revised Criteria 1998
[#] Based on Criteria 85 dB(A) ; 3 dB Exchange Rate
 * Parameter have License Registration of Department of Labour Protection and Welfare No. 0403-03-2564-0009
 (Measurement By Ms. Ratmanee Nakket)



Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

26/02/2026

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Request No. LA69-R0251

Report No. R6902-1211

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.
 ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230
 SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
 SAMPLE POINT : บริเวณ Casting (NN2) (คุณสรวิทย์ ธรรมธิ)
 MEASURING DATE : 20-21/02/2026
 RECEIVED DATE : 21/02/2026
 INSTRUMENT : Noise dosimeter : S/N CB0955
 : Noise Dose Calibrator : S/N 98650

SAMPLE NO. : 04189
 SAMPLING TIME : 20:00-04:00
 REPORTED DATE : 26/02/2026

PARAMETER*	RESULT	STANDARD	UNIT
Time weighted average level (8-hr TWA) [#]	74.5	85 ^{/1}	dB(A)
8 Hour dose	8.86	100 ^{/2}	%

REMARK : ^{/1} Notification of The Department of Labour Protection and Welfare B.E. 2561 (2018)
^{/2} Standard of National Institute for Occupational Safety and Health, Occupational Noise Exposure Revised Criteria 1998
[#] Based on Criteria 85 dB(A) ; 3 dB Exchange Rate
 * Parameter have License Registration of Department of Labour Protection and Welfare No. 0403-03-2564-0009
 (Measurement By Ms. Ratmanee Nakket)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

26/02/2026

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Request No. LA69-R0251

Report No. R6902-1212

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.
ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
SAMPLE POINT : บริเวณ Casting (NN2) (คุณรังสี กังคา)
MEASURING DATE : 20-21/02/2026
RECEIVED DATE : 21/02/2026 SAMPLE NO. : 04190
INSTRUMENT : Noise dosimeter : S/N CB0957 SAMPLING TIME : 20:00-04:00
: Noise Dose Calibrator : S/N 98650 REPORTED DATE : 26/02/2026

PARAMETER*	RESULT	STANDARD	UNIT
Time weighted average level (8-hr TWA) [#]	54.0	85 ^{/1}	dB(A)
8 Hour dose	0.08	100 ^{/2}	%

REMARK : ^{/1} Notification of The Department of Labour Protection and Welfare B.E. 2561 (2018)
^{/2} Standard of National Institute for Occupational Safety and Health, Occupational Noise Exposure Revised Criteria 1998
[#] Based on Criteria 85 dB(A) ; 3 dB Exchange Rate
* Parameter have License Registration of Department of Labour Protection and Welfare No. 0403-03-2564-0009
(Measurement By Ms. Ratmanee Nakket)



Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

26/02/2026

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด
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Request No. LA69-R0252

Report No. R6902-1226

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.
ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
SAMPLE POINT : บริเวณ RM01 (MC#9) (คุณสมบัติ มีศรี)
MEASURING DATE : 19/02/2026
RECEIVED DATE : 21/02/2026
INSTRUMENT : Noise dosimeter : S/N CB1499
Noise Dose Calibrator : S/N 73967
SAMPLE NO. : 04204
SAMPLING TIME : 09:00-17:00
REPORTED DATE : 26/02/2026

PARAMETER*	RESULT	STANDARD	UNIT
Time weighted average level (8-hr TWA) [#]	66.0	85 ^{/1}	dB(A)
8 Hour dose	1.25	100 ^{/2}	%

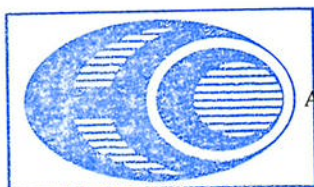
REMARK :

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

^{/2} Standard of National Institute for Occupational Safety and Health, Occupational Noise Exposure Revised Criteria 1998

[#] Based on Criteria 85 dB(A) ; 3 dB Exchange Rate

* Parameter have License Registration of Department of Labour Protection and Welfare No. 0403-03-2564-0009
(Measurement By Ms. Jiranantaporn Phanna)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

26/02/2026

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Request No. LA69-R0252

Report No. R6902-1227

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.
 ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230
 SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
 SAMPLE POINT : บริเวณ RM01 (MC#9) (NN3) (คุณสุริยาการณ ฐระดา)
 MEASURING DATE : 19/02/2026
 RECEIVED DATE : 21/02/2026 SAMPLE NO. : 04205
 INSTRUMENT : Noise dosimeter : S/N CA8888 SAMPLING TIME : 09:00-17:00
 : Noise Dose Calibrator : S/N 73967 REPORTED DATE : 26/02/2026

PARAMETER*	RESULT	STANDARD	UNIT
Time weighted average level (8-hr TWA) [#]	74.8	85 ^{/1}	dB(A)
8 Hour dose	9.48	100 ^{/2}	%

REMARK : ^{/1} Notification of The Department of Labour Protection and Welfare B.E. 2561 (2018)
^{/2} Standard of National Institute for Occupational Safety and Health, Occupational Noise Exposure Revised Criteria 1998
[#] Based on Criteria 85 dB(A) ; 3 dB Exchange Rate
 * Parameter have License Registration of Department of Labour Protection and Welfare No. 0403-03-2564-0009
 (Measurement By Ms. Jiranantaporn Phanna)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

26/02/2026

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Request No. LA69-R06100

Report No. R6906-4563

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.

ADDRESS : 38/14 Moo 5 T. Tungskula A. Sriracha, Chonburi 20230

SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.

SAMPLE POINT : บริเวณ Packing (PK07) NN5 (จุดวัดระดับ อิมสุข)

MEASURING DATE : 09/06/2026

RECEIVED DATE : 10/06/2026

INSTRUMENT : Noise dosimeter : S/N CB1499

: Noise Dose Calibrator : S/N 98650

SAMPLE NO. : 20561

SAMPLING TIME : 08:30-16:30

REPORTED DATE : 23/06/2026

PARAMETER*	RESULT	STANDARD	UNIT
Time weighted average level (8-hr TWA) [#]	84.7	85 ^{/1}	dB(A)
8 Hour dose	94.23	100 ^{/2}	%

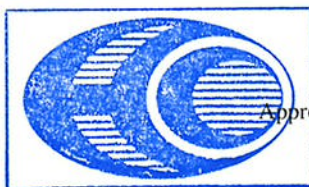
REMARK :

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

^{/2} Standard of National Institute for Occupational Safety and Health, Occupational Noise Exposure Revised Criteria 1998

[#] Based on Criteria 85 dB(A) ; 3 dB Exchange Rate

* Parameter have License Registration of Department of Labour Protection and Welfare No. 0403-03-2564-0009
(Measurement By Mr. Supachai Parakan)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

23/06/2026

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Request No. LA69-R0305

Report No. R6903-0015

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.

ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230

SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.

SAMPLE POINT : บริเวณตัดแผ่นโลหะ (NN6) (คุณธนัช พุฒจันทร์)

MEASURING DATE : 27/02/2026

RECEIVED DATE : 28/02/2026

INSTRUMENT : Noise dosimeter : S/N CB0955

: Noise Dose Calibrator : S/N 73967

SAMPLE NO. : 04537

SAMPLING TIME : 08:30-16:30

REPORTED DATE : 05/03/2026

PARAMETER*	RESULT	STANDARD	UNIT
Time weighted average level (8-hr TWA) [#]	83.1	85 ^{/1}	dB(A)
8 Hour dose	64.91	100 ^{/2}	%

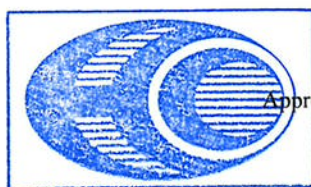
REMARK :

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

^{/2} Standard of National Institute for Occupational Safety and Health, Occupational Noise Exposure Revised Criteria 1998

[#] Based on Criteria 85 dB(A) ; 3 dB Exchange Rate

* Parameter have License Registration of Department of Labour Protection and Welfare No. 0403-03-2564-0009
(Measurement By Ms. Jiranantaporn Phanna)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

05/03/2026

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Request No. LA69-R0252

Report No. R6902-1228

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.
ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
SAMPLE POINT : บริเวณชุดผิวโลหะ (SC03) (NN7) (คุณอภิรักษ์ โนนสูง)
MEASURING DATE : 19/02/2026
RECEIVED DATE : 21/02/2026 SAMPLE NO. : 04206
INSTRUMENT : Noise dosimeter : S/N CA8889 SAMPLING TIME : 09:00-17:00
: Noise Dose Calibrator : S/N 73967 REPORTED DATE : 26/02/2026

PARAMETER*	RESULT	STANDARD	UNIT
Time weighted average level (8-hr TWA) [#]	79.0	85 ^{/1}	dB(A)
8 Hour dose	25.36	100 ^{/2}	%

REMARK : ^{/1} Notification of The Department of Labour Protection and Welfare B.E. 2561 (2018)
^{/2} Standard of National Institute for Occupational Safety and Health, Occupational Noise Exposure Revised Criteria 1998
[#] Based on Criteria 85 dB(A) ; 3 dB Exchange Rate
* Parameter have License Registration of Department of Labour Protection and Welfare No. 0403-03-2564-0009
(Measurement By Ms. Jiranantaporn Phanna)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

26/02/2026

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

Request No. LA69-R0252

Report No. R6902-1229

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.
ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
SAMPLE POINT : บริเวณชุดผิวโลหะ (SC03) (NN7) (คุณเอกสิทธิ์ รัตนะ)
MEASURING DATE : 19/02/2026
RECEIVED DATE : 21/02/2026
INSTRUMENT : Noise dosimeter : S/N CA8879
Noise Dose Calibrator : S/N 73967

SAMPLE NO. : 04207
SAMPLING TIME : 09:00-17:00
REPORTED DATE : 26/02/2026

PARAMETER*	RESULT	STANDARD	UNIT
Time weighted average level (8-hr TWA) [#]	79.6	85 ^{/1}	dB(A)
8 Hour dose	28.85	100 ^{/2}	%

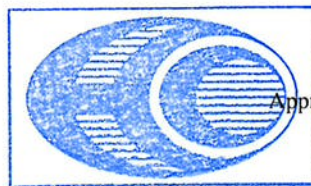
REMARK :

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

^{/2} Standard of National Institute for Occupational Safety and Health, Occupational Noise Exposure Revised Criteria 1998

[#] Based on Criteria 85 dB(A) ; 3 dB Exchange Rate

* Parameter have License Registration of Department of Labour Protection and Welfare No. 0403-03-2564-0009
(Measurement By Ms. Jiranantaporn Phanna)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

26/02/2026

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Request No. LA69-R0252

Report No. R6902-1231

TEST REPORT

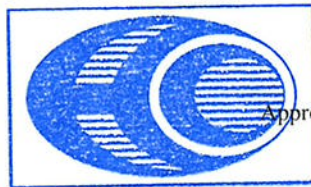
CUSTOMER : Siam Poongsan Metal Co., Ltd.
 ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230
 SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
 SAMPLE POINT : บริเวณชุดผิวโลหะ (SC03) (NN7) (คุณสมบัติพิเศษ พลชีพ)
 MEASURING DATE : 19-20/02/2026
 RECEIVED DATE : 21/02/2026
 INSTRUMENT : Noise dosimeter : S/N CB1365
 : Noise Dose Calibrator : S/N 73967

SAMPLE NO. : 04209
 SAMPLING TIME : 20:00-04:00
 REPORTED DATE : 26/02/2026

PARAMETER*	RESULT	STANDARD	UNIT
Time weighted average level (8-hr TWA) [#]	84.5	85 ^{/1}	dB(A)
8 Hour dose	88.66	100 ^{/2}	%

REMARK :

^{/1} Notification of The Department of Labour Protection and Welfare B.E. 2561 (2018)
^{/2} Standard of National Institute for Occupational Safety and Health, Occupational Noise Exposure Revised Criteria 1998
[#] Based on Criteria 85 dB(A) ; 3 dB Exchange Rate
 * Parameter have License Registration of Department of Labour Protection and Welfare No. 0403-03-2564-0009
 (Measurement By Ms. Jiranantaporn Phanna)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

26/02/2026

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Request No. LA69-R0251

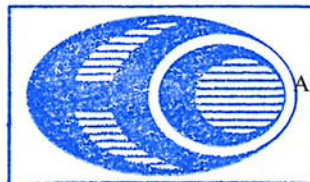
Report No. R6902-1213

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.
 ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230
 SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
 SAMPLE POINT : บริเวณชุดผิวโลหะ (SC03) (NN7) (คุณสมบัติเชิง วงเวียน)
 MEASURING DATE : 20-21/02/2026
 RECEIVED DATE : 21/02/2026 SAMPLE NO. : 04191
 INSTRUMENT : Noise dosimeter : S/N CB0954 SAMPLING TIME : 20:00-04:00
 : Noise Dose Calibrator : S/N 98650 REPORTED DATE : 26/02/2026

PARAMETER*	RESULT	STANDARD	UNIT
Time weighted average level (8-hr TWA) [#]	76.0	85 ^{/1}	dB(A)
8 Hour dose	12.73	100 ^{/2}	%

REMARK : ^{/1} Notification of The Department of Labour Protection and Welfare B.E. 2561 (2018)
^{/2} Standard of National Institute for Occupational Safety and Health, Occupational Noise Exposure Revised Criteria 1998
[#] Based on Criteria 85 dB(A) ; 3 dB Exchange Rate
 * Parameter have License Registration of Department of Labour Protection and Welfare No. 0403-03-2564-0009
 (Measurement By Ms. Ratmanee Nakket)



Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

26/02/2026

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด
 REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Request No. ATR6903031

Report No. 6903-0367

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co.,Ltd.
 ADDRESS : 38/14 Moo 5 T.Tungsukla A.Sriracha,Chonburi 20230
 SAMPLE SOURCE : Siam Poongsan Metal Co.,Ltd.
 SAMPLE NAME : Casting Area
 SAMPLING DATE : 10/03/2026 SAMPLE NO. : A69030367
 RECEIVED DATE : 16/03/2026 SAMPLING TIME : 11:00-13:00
 SAMPLING INSTRUMENT : Personal Pump Flow rate 2.00 L/min TESTED DATE : 16/03/2026-16/03/2026
 Serial No. 20180903078 REPORTED DATE : 24/03/2026

PARAMETER*	TEST METHOD	RESULT	STD ¹	UNIT
Zinc Oxide (ZnO)	Filtration, ICP-OES /NIOSH 7300	0.046	5	mg/m ³

REMARK:

¹ Notification of The Department of Labour Protection and Welfare B.E.2560 (2017), Concentration Limits of Hazardous Chemicals.
 (Standard for Zinc oxide fume)

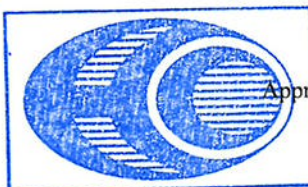
* Parameter have License Registration of Department of Labour Protection and Welfare No.0201-03-2564-0008 and
 No.0202-03-2564-0005.

(Sampling By Miss Worakan Saowarot)

Examined By

(Miss Thanatporn Klinsoyon)

24/03/2026



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By

(Mr. Kawee Suthasub)

24/03/2026

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Request No. ATR6903031

Report No. 6903-0368

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co.,Ltd.
 ADDRESS : 38/14 Moo 5 T.Tungsukla A.Sriracha,Chonburi 20230
 SAMPLE SOURCE : Siam Poongsan Metal Co.,Ltd.
 SAMPLE NAME : Melting Area
 SAMPLING DATE : 10/03/2026 SAMPLE NO. : A69030368
 RECEIVED DATE : 16/03/2026 SAMPLING TIME : 10:55-12:55
 SAMPLING INSTRUMENT : Personal Pump Flow rate 2.00 L/min TESTED DATE : 16/03/2026-16/03/2026
 Serial No. 20211103029 REPORTED DATE : 24/03/2026

PARAMETER*	TEST METHOD	RESULT	STD ¹	UNIT
Zinc Oxide (ZnO)	Filtration, ICP-OES /NIOSH 7300	0.121	5	mg/m ³

REMARK:

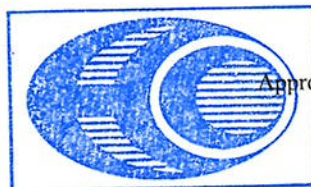
¹ Notification of The Department of Labour Protection and Welfare B.E.2560 (2017), Concentration Limits of Hazardous Chemicals.
 (Standard for Zinc oxide fume)

* Parameter have License Registration of Department of Labour Protection and Welfare No.0201-03-2564-0008 and
 No.0202-03-2564-0005.
 (Sampling By Miss Worakan Saowarot)

Examined By

(Miss Thanatporn Klinsopon)

24/03/2026



Approved By

(Mr. Kawee Suthasub)

24/03/2026

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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

Request No. ATR6903031

Report No. 6903-0369

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co.,Ltd.
 ADDRESS : 38/14 Moo 5 T.Tungsukla A.Sriracha,Chonburi 20230
 SAMPLE SOURCE : Siam Poongsan Metal Co.,Ltd.
 SAMPLE NAME : PK 01-PK 02
 SAMPLING DATE : 10/03/2026 SAMPLE NO. : A69030369
 RECEIVED DATE : 16/03/2026 SAMPLING TIME : 10:05-11:05
 SAMPLING INSTRUMENT : Personal Pump Flow rate 0.20 L/min TESTED DATE : 16/03/2026-19/03/2026
 Serial No. 218444 REPORTED DATE : 24/03/2026

PARAMETER*	TEST METHOD	RESULT	STD ¹	UNIT
Sulfuric acid	Ion Chromatography Method (OSHA ID 165sg)	< 0.040	1.00	mg/m ³
		< 0.010	0.25	ppm

REMARK:

¹ Notification of The Department of Labour Protection and Welfare B.E.2560 (2017), Concentration Limits of Hazardous Chemicals.

* Parameter have License Registration of Department of Labour Protection and Welfare No.0201-03-2564-0008 and

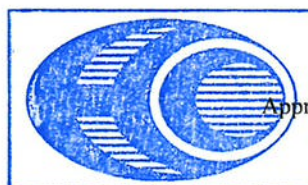
No.0202-03-2564-0005.

(Sampling By Miss Worakan Saowarot)

Examined By

(Miss Thanatporn Klinsopon)

24/03/2026



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By

(Mr. Kawee Suthasub)

24/03/2026

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Request No. ATR6903047

Report No. 6903-0674

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co.,Ltd.
 ADDRESS : 38/14 Moo 5, T.Tungsukla, A.Sriracha, Chonburi 20230
 SAMPLE SOURCE : Siam Poongsan Metal Co.,Ltd.
 SAMPLE NAME : PK03
 SAMPLING DATE : 21/03/2026 SAMPLE NO. : A69030674
 RECEIVED DATE : 24/03/2026 SAMPLING TIME : 08:48-09:48
 SAMPLING INSTRUMENT : Personal Pump Flow rate 0.20 L/min TESTED DATE : 24/03/2026-01/04/2026
 Serial No. 218411 REPORTED DATE : 03/04/2026

PARAMETER*	TEST METHOD	RESULT	STD ¹	UNIT
Sulfuric acid	Ion Chromatography Method (OSHA ID 165sg)	< 0.040	1.00	mg/m ³
		< 0.010	0.25	ppm

REMARK:

¹ Notification of The Department of Labour Protection and Welfare B.E.2560 (2017), Concentration Limits of Hazardous Chemicals.

* Parameter have License Registration of Department of Labour Protection and Welfare No.0201-03-2564-0008 and
 No.0202-03-2564-0005.

(Sampling By Mr. Suttha Songthaninai)

Examined By

(Miss Thanatporn Klinson)

03/04/2026



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By

(Mr. Kawee Suthasub)

03/04/2026

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Request No. ATR6903047

Report No. 6903-0673

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co.,Ltd.
 ADDRESS : 38/14 Moo 5, T.Tungsukla, A.Sriracha, Chonburi 20230
 SAMPLE SOURCE : Siam Poongsan Metal Co.,Ltd.
 SAMPLE NAME : PK03
 SAMPLING DATE : 21/03/2026 SAMPLE NO. : A69030673
 RECEIVED DATE : 24/03/2026 SAMPLING TIME : 08:50-09:50
 SAMPLING INSTRUMENT : Personal Pump Flow rate 0.20 L/min TESTED DATE : 24/03/2026-01/04/2026
 Serial No. 218388 REPORTED DATE : 03/04/2026

PARAMETER*	TEST METHOD	RESULT	STD ^{1/}	UNIT
Nitric acid	Ion Chromatography Method (OSHA ID 165sg)	< 0.026	5	mg/m ³
		< 0.010	2	ppm

REMARK:

^{1/} Notification of The Department of Labour Protection and Welfare B.E.2560 (2017), Concentration Limits of Hazardous Chemicals.

* Parameter have License Registration of Department of Labour Protection and Welfare No.0201-03-2564-0008 and No.0202-03-2564-0005.

(Sampling By Mr. Suttha Songthaninai)

Examined By

(Miss Thanatporn Klinsonpon)

03/04/2026



Approved By

(Mr. Kawee Suthasub)

03/04/2026

บริษัท อีสเทิร์น ไทย คอนซัลติ้ง 1992 จำกัด
 REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Request No. ATR6905056

Report No. 6905-0649

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co.,Ltd.
 ADDRESS : 38/14 Moo 5, T.Tungsukla, A.Sriracha, Chonburi 20230
 SAMPLE SOURCE : Siam Poongsan Metal Co.,Ltd.
 SAMPLE NAME : PK07
 SAMPLING DATE : 12/05/2026 SAMPLE NO. : A69050649
 RECEIVED DATE : 18/05/2026 SAMPLING TIME : 10:20-11:20
 SAMPLING INSTRUMENT : Personal Pump Flow rate 0.20 L/min TESTED DATE : 18/05/2026-21/05/2026
 Serial No. 218412 REPORTED DATE : 23/05/2026

PARAMETER*	TEST METHOD	RESULT	STD ^{1/}	UNIT
Sulfuric acid	Ion Chromatography Method (OSHA ID 165sg)	< 0.040	1.00	mg/m ³
		< 0.010	0.25	ppm

REMARK:

^{1/} Notification of The Department of Labour Protection and Welfare B.E.2560 (2017), Concentration Limits of Hazardous Chemicals.

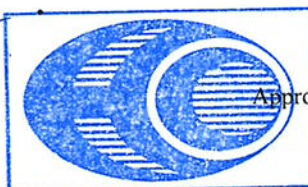
* Parameter have License Registration of Department of Labour Protection and Welfare No.0201-03-2564-0008 and
 No.0202-03-2564-0005.

(Sampling By Mr. Metee Sukprasert)

Examined By

(Miss Thanatporn Klinsoon)

23/05/2026



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By

(Mr. Kawee Suthasub)

23/05/2026

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Request No. ATR6903031

Report No. 6903-0370

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co.,Ltd.
 ADDRESS : 38/14 Moo 5 T.Tungskula A.Sriracha,Chonburi 20230
 SAMPLE SOURCE : Siam Poongsan Metal Co.,Ltd.
 SAMPLE NAME : AP02
 SAMPLING DATE : 10/03/2026 SAMPLE NO. : A69030370
 RECEIVED DATE : 16/03/2026 SAMPLING TIME : 10:00-11:00
 SAMPLING INSTRUMENT : Personal Pump Flow rate 0.20 L/min TESTED DATE : 16/03/2026-19/03/2026
 Serial No. 218385 REPORTED DATE : 24/03/2026

PARAMETER*	TEST METHOD	RESULT	STD ^{1/}	UNIT
Sulfuric acid	Ion Chromatography Method (OSHA ID 165sg)	< 0.040	1.00	mg/m ³
		< 0.010	0.25	ppm

REMARK:

^{1/} Notification of The Department of Labour Protection and Welfare B.E.2560 (2017), Concentration Limits of Hazardous Chemicals.

* Parameter have License Registration of Department of Labour Protection and Welfare No.0201-03-2564-0008 and

No.0202-03-2564-0005.

(Sampling By Miss Worakan Saowarot)

Examined By

(Miss Thanatporn Klinsopon)

24/03/2026



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By

(Mr. Kawee Suthasub)

24/03/2026

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
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Request No. ATR6903031

Report No. 6903-0371

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co.,Ltd.
 ADDRESS : 38/14 Moo 5 T.Tungskula A.Sriracha,Chonburi 20230
 SAMPLE SOURCE : Siam Poongsan Metal Co.,Ltd.
 SAMPLE NAME : Storage WWT
 SAMPLING DATE : 10/03/2026 SAMPLE NO. : A69030371
 RECEIVED DATE : 16/03/2026 SAMPLING TIME : 09:55-10:55
 SAMPLING INSTRUMENT : Personal Pump Flow rate 0.20 L/min TESTED DATE : 16/03/2026-19/03/2026
 Serial No. 218388 REPORTED DATE : 24/03/2026

PARAMETER*	TEST METHOD	RESULT	STD ¹¹	UNIT
Sulfuric acid	Ion Chromatography Method (OSHA ID 165sg)	< 0.040	1.00	mg/m ³
		< 0.010	0.25	ppm

REMARK:

¹¹ Notification of The Department of Labour Protection and Welfare B.E.2560 (2017), Concentration Limits of Hazardous Chemicals.

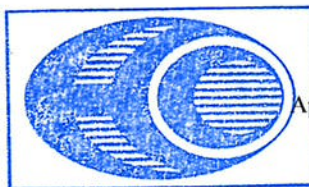
* Parameter have License Registration of Department of Labour Protection and Welfare No.0201-03-2564-0008 and No.0202-03-2564-0005.

(Sampling By Miss Worakan Saowarot)

Examined By

(Miss Thanatporn Klinsopon)

24/03/2026



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By

(Mr. Kawee Suthasub)

24/03/2026

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ระดับความร้อนในบริเวณการทำงาน

Request No. LA69-R0336

Report No. R6903-0569 - R6903-0571

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.
 ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230
 SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
 SAMPLE POINT : บริเวณ Melting (H1) SAMPLE NO. : 05103-05105
 MEASURING DATE : 10/03/2026 RECEIVED DATE : 11/03/2026
 SAMPLING INSTRUMENT : Heat Stress ; REPORTED DATE : 18/03/2026

Wet Bulb Globe Temperature (WBGT) : Serial No. TEU080015, TEU080011, TEU080014

PARAMETER*	Sampling Time	WBGT (°C)				Average (°C)
		30 min	60 min	90 min	120 min	
Heat Stress	10:50 - 12:50	28.5	29.1	29.8	30.4	29.4
บริเวณ Melting (H1) - หน้าเตาหลอม						
Heat Stress	10:50 - 12:50	28.8	29.0	29.3	29.4	29.1
บริเวณ Melting (H1) - พื้นที่ทำงานทั่วไป						
Heat Stress	10:50 - 12:50	20.0	18.8	19.7	19.7	19.5
บริเวณ Melting (H1) - ห้องพักพนักงาน						
WBGT AVERAGE	10:50 - 12:50	-	-	-	-	28.1
STANDARD		-	-	-	-	32.0 ^{1/2}

REMARK :

Work Load = 221.3 Kcal/hr.

¹ Regulation of The Ministry of Labour B.E. 2559 (2016) (Moderate)² Notification of The Ministry of Industry B.E. 2546 (2003) (Moderate)

NWB = Natural Wet - Bulb Temperature

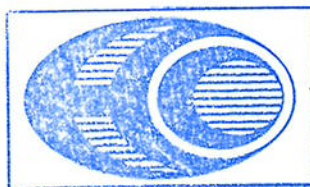
GT = Globe Temperature

DB = Dry - Bulb Temperature

WBGT = Wet - Bulb Globe Temperature

* Parameter have License Registration of Department of Labour Protection and Welfare No. 0401-03-2564-0009

(Measurement By Ms. Khasirin Puttha)



Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

18/03/2026

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

Request No. LA69-R0336

Report No. R6903-0569

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.

ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230

SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.

SAMPLE POINT : บริเวณ Melting (H1) - ห้องพักพนักงาน

MEASURING DATE : 10/03/2026

SAMPLING INSTRUMENT : Heat Stress ;

Wet Bulb Globe Temperature (WBGT)

Serial No. TEU080015

SAMPLE NO. : 05103

RECEIVED DATE : 11/03/2026

REPORTED DATE : 18/03/2026

PARAMETER*	SAMPLING TIME	RESULT				
		NWB	GT	DB	WBGT	UNIT
Heat Stress	10:50 - 11:20	18.8	22.8	22.5	20.0	°C
	11:20 - 11:50	17.4	21.9	21.4	18.8	°C
	11:50 - 12:20	18.5	22.4	21.5	19.7	°C
	12:20 - 12:50	18.4	22.8	21.5	19.7	°C
WBGT AVERAGE	10:50 - 12:50	-	-	-	19.5	°C
STANDARD		-	-	-	34.0 ^{1/2}	°C

REMARK :

Work Load is Light, Indoor

¹ Regulation of The Ministry of Labour B.E. 2559 (2016)² Notification of The Ministry of Industry B.E. 2546 (2003)

NWB = Natural Wet - Bulb Temperature

GT = Globe Temperature

DB = Dry - Bulb Temperature

WBGT = Wet - Bulb Globe Temperature

* Parameter have License Registration of Department of Labour Protection and Welfare No. 0401-03-2564-0009

(Measurement By Ms. Khasirin Puttha)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

18/03/2026

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Request No. LA69-R0336

Report No. R6903-0570

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.
 ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230
 SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
 SAMPLE POINT : บริเวณ Melting (H1) - พื้นที่ทำงานทั่วไป
 MEASURING DATE : 10/03/2026
 SAMPLING INSTRUMENT : Heat Stress ;
 Wet Bulb Globe Temperature (WBGT)
 Serial No. TEU080011

SAMPLE NO. : 05104
 RECEIVED DATE : 11/03/2026
 REPORTED DATE : 18/03/2026

PARAMETER*	SAMPLING TIME	RESULT				
		NWB	GT	DB	WBGT	UNIT
Heat Stress	10:50 - 11:20	26.1	35.2	34.5	28.8	°C
	11:20 - 11:50	26.2	35.5	35.0	29.0	°C
	11:50 - 12:20	26.4	35.9	35.4	29.3	°C
	12:20 - 12:50	26.7	35.8	35.3	29.4	°C
WBGT AVERAGE	10:50 - 12:50	-	-	-	29.1	°C
STANDARD		-	-	-	34.0 ^{/1,2}	°C

REMARK :

Work Load is Light, Indoor

^{/1} Regulation of The Ministry of Labour B.E. 2559 (2016)^{/2} Notification of The Ministry of Industry B.E. 2546 (2003)

NWB = Natural Wet - Bulb Temperature

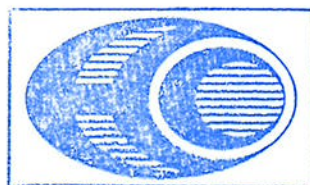
GT = Globe Temperature

DB = Dry - Bulb Temperature

WBGT = Wet - Bulb Globe Temperature

* Parameter have License Registration of Department of Labour Protection and Welfare No. 0401-03-2564-0009

(Measurement By Ms. Khasirin Puttha)



Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

18/03/2026

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Request No. LA69-R0336

Report No. R6903-0571

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.
 ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230
 SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
 SAMPLE POINT : บริเวณ Melting (H1) - หน้าเตาหลอม
 MEASURING DATE : 10/03/2026
 SAMPLING INSTRUMENT : Heat Stress ;
 Wet Bulb Globe Temperature (WBGT)
 Serial No. TEU080014

SAMPLE NO. : 05105
 RECEIVED DATE : 11/03/2026
 REPORTED DATE : 18/03/2026

PARAMETER*	SAMPLING TIME	RESULT				
		NWB	GT	DB	WBGT	UNIT
Heat Stress	10:50 - 11:20	25.2	36.2	35.3	28.5	°C
	11:20 - 11:50	25.6	37.2	36.0	29.1	°C
	11:50 - 12:20	25.9	38.9	37.3	29.8	°C
	12:20 - 12:50	26.5	39.4	37.6	30.4	°C
WBGT AVERAGE	10:50 - 12:50	-	-	-	29.4	°C
STANDARD		-	-	-	32.0 ^{1/2}	°C

REMARK :

Work Load is Moderate, Indoor

¹ Regulation of The Ministry of Labour B.E. 2559 (2016)² Notification of The Ministry of Industry B.E. 2546 (2003)

NWB = Natural Wet - Bulb Temperature

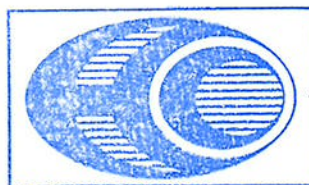
GT = Globe Temperature

DB = Dry - Bulb Temperature

WBGT = Wet - Bulb Globe Temperature

* Parameter have License Registration of Department of Labour Protection and Welfare No. 0401-03-2564-0009

(Measurement By Ms. Khasirin Puttha)



Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

18/03/2026

บริษัท อีสเทิร์น ไทย คอนซัลติ้ง 1992 จำกัด
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Request No. LA69-R0336

Report No. R6903-0572 - R6903-0574

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.
 ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230
 SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
 SAMPLE POINT : บริเวณ Casting (H2) SAMPLE NO. : 05106-05108
 MEASURING DATE : 10/03/2026 RECEIVED DATE : 11/03/2026
 SAMPLING INSTRUMENT : Heat Stress ; REPORTED DATE : 18/03/2026

Wet Bulb Globe Temperature (WBGT) : Serial No. TEU080013, TPI050069, TPL090016

PARAMETER*	Sampling Time	WBGT (°C)				Average (°C)
		30 min	60 min	90 min	120 min	
Heat Stress	10:40 - 12:40	28.4	28.7	29.1	29.5	28.9
บริเวณ Casting (H2) - หน้าเตาหลอม						
Heat Stress	10:40 - 12:40	28.4	28.5	28.7	29.1	28.7
บริเวณ Casting (H2) - พื้นที่ทำงานทั่วไป						
Heat Stress	10:40 - 12:40	20.4	17.7	21.1	21.4	20.2
บริเวณ Casting (H2) - ห้องพักพนักงาน						
WBGT AVERAGE	10:40 - 12:40	-	-	-	-	27.7
STANDARD		-	-	-	-	32.0 ^{1/2}

REMARK :

Work Load = 221.3 Kcal/hr.

¹ Regulation of The Ministry of Labour B.E. 2559 (2016) (Moderate)² Notification of The Ministry of Industry B.E. 2546 (2003) (Moderate)

NWB = Natural Wet - Bulb Temperature

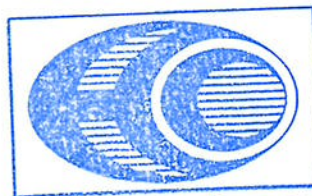
GT = Globe Temperature

DB = Dry - Bulb Temperature

WBGT = Wet - Bulb Globe Temperature

* Parameter have License Registration of Department of Labour Protection and Welfare No. 0401-03-2564-0009

(Measurement By Ms. Khasirin Puttha)



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

18/03/2026

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Request No. LA69-R0336

Report No. R6903-0572

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.
 ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230
 SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
 SAMPLE POINT : บริเวณ Casting (H2) - ห้องพักพนักงาน
 MEASURING DATE : 10/03/2026
 SAMPLING INSTRUMENT : Heat Stress ;
 Wet Bulb Globe Temperature (WBGT)
 Serial No. TEU080013

SAMPLE NO. : 05106
 RECEIVED DATE : 11/03/2026
 REPORTED DATE : 18/03/2026

PARAMETER*	SAMPLING TIME	RESULT				
		NWB	GT	DB	WBGT	UNIT
Heat Stress	10:40 - 11:10	19.2	23.2	23.3	20.4	°C
	11:10 - 11:40	15.6	22.6	22.2	17.7	°C
	11:40 - 12:10	19.5	24.9	22.5	21.1	°C
	12:10 - 12:40	19.8	25.2	22.7	21.4	°C
WBGT AVERAGE	10:40 - 12:40	-	-	-	20.2	°C
STANDARD		-	-	-	34.0 ^{1/2}	°C

REMARK :

Work Load is Light, Indoor

¹ Regulation of The Ministry of Labour B.E. 2559 (2016)² Notification of The Ministry of Industry B.E. 2546 (2003)

NWB = Natural Wet - Bulb Temperature

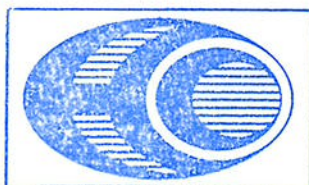
GT = Globe Temperature

DB = Dry - Bulb Temperature

WBGT = Wet - Bulb Globe Temperature

* Parameter have License Registration of Department of Labour Protection and Welfare No. 0401-03-2564-0009

(Measurement By Ms. Khasirin Puttha)



Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

18/03/2026

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Request No. LA69-R0336

Report No. R6903-0573

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.

ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230

SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.

SAMPLE POINT : บริเวณ Casting (H2) - พื้นที่ทำงานทั่วไป

MEASURING DATE : 10/03/2026

SAMPLING INSTRUMENT : Heat Stress ;

Wet Bulb Globe Temperature (WBGT)

Serial No. TPI050069

SAMPLE NO. : 05107

RECEIVED DATE : 11/03/2026

REPORTED DATE : 18/03/2026

PARAMETER*	SAMPLING TIME	RESULT				UNIT
		NWB	GT	DB	WBGT	
Heat Stress	10:40 - 11:10	25.0	36.3	33.9	28.4	°C
	11:10 - 11:40	25.1	36.5	34.3	28.5	°C
	11:40 - 12:10	25.3	36.7	34.7	28.7	°C
	12:10 - 12:40	25.7	36.9	35.1	29.1	°C
WBGT AVERAGE	10:40 - 12:40	-	-	-	28.7	°C
STANDARD		-	-	-	34.0 ^{1,2}	°C

REMARK :

Work Load is Light, Indoor

¹ Regulation of The Ministry of Labour B.E. 2559 (2016)² Notification of The Ministry of Industry B.E. 2546 (2003)

NWB = Natural Wet - Bulb Temperature

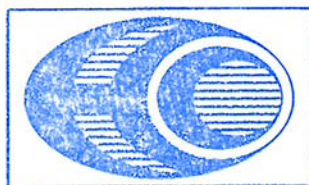
GT = Globe Temperature

DB = Dry - Bulb Temperature

WBGT = Wet - Bulb Globe Temperature

* Parameter have License Registration of Department of Labour Protection and Welfare No. 0401-03-2564-0009

(Measurement By Ms. Khasirin Puttha)



Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

18/03/2026

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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Request No. LA69-R0336

Report No. R6903-0574

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.
 ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230
 SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
 SAMPLE POINT : บริเวณ Casting (H2) - หน้าเตาหลอม
 MEASURING DATE : 10/03/2026
 SAMPLING INSTRUMENT : Heat Stress ;
 Wet Bulb Globe Temperature (WBGT)
 Serial No. TPL090016

SAMPLE NO. : 05108
 RECEIVED DATE : 11/03/2026
 REPORTED DATE : 18/03/2026

PARAMETER*	SAMPLING TIME	RESULT				
		NWB	GT	DB	WBGT	UNIT
Heat Stress	10:40 - 11:10	25.3	35.5	34.3	28.4	°C
	11:10 - 11:40	25.6	35.9	34.7	28.7	°C
	11:40 - 12:10	26.0	36.3	35.1	29.1	°C
	12:10 - 12:40	26.3	36.8	35.6	29.5	°C
WBGT AVERAGE	10:40 - 12:40	-	-	-	28.9	°C
STANDARD		-	-	-	32.0 ^{1/2}	°C

REMARK :

Work Load is Moderate, Indoor

^{1/1} Regulation of The Ministry of Labour B.E. 2559 (2016)^{1/2} Notification of The Ministry of Industry B.E. 2546 (2003)

NWB = Natural Wet - Bulb Temperature

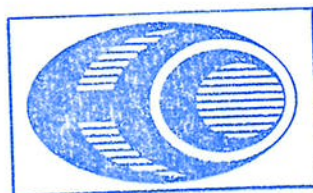
GT = Globe Temperature

DB = Dry - Bulb Temperature

WBGT = Wet - Bulb Globe Temperature

* Parameter have License Registration of Department of Labour Protection and Welfare No. 0401-03-2564-0009

(Measurement By Ms. Khasirin Puttha)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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(MRS. WANPEN LHAOCHINDAWAT)

18/03/2026

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Request No. LA69-R0336

Report No. R6903-0578 - R6903-0580

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.
 ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230
 SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
 SAMPLE POINT : บริเวณเครื่องรีดร้อน (Hot Rolling) (H3) SAMPLE NO. : 05112-05114
 MEASURING DATE : 11/03/2026 RECEIVED DATE : 11/03/2026
 SAMPLING INSTRUMENT : Heat Stress ; REPORTED DATE : 18/03/2026

Wet Bulb Globe Temperature (WBGT) : Serial No. TPI050069, TEU080014, TEU080015

PARAMETER*	Sampling Time	WBGT (°C)				Average (°C)
		30 min	60 min	90 min	120 min	
Heat Stress	09:50 - 11:50	28.1	28.4	28.9	29.5	28.7
บริเวณเครื่องรีดร้อน (Hot Rolling) (H3) - (Control Room)						
Heat Stress	09:50 - 11:50	22.3	22.8	23.0	23.2	22.8
บริเวณเครื่องรีดร้อน (Hot Rolling) (H3) - พื้นที่วางแท่ง Slab						
Heat Stress	09:50 - 11:50	27.6	27.6	28.9	29.4	28.4
บริเวณเครื่องรีดร้อน (Hot Rolling) (H3) - จุดวางชิ้นงาน, พื้นที่หน้าเตาอบแท่ง Slab						
WBGT AVERAGE	09:50 - 11:50	-	-	-	-	26.6
STANDARD		-	-	-	-	34.0 ^{1/2}

REMARK :

Work Load = 118.0 Kcal/hr.

¹ Regulation of The Ministry of Labour B.E. 2559 (2016) (Light)² Notification of The Ministry of Industry B.E. 2546 (2003) (Light)

NWB = Natural Wet - Bulb Temperature

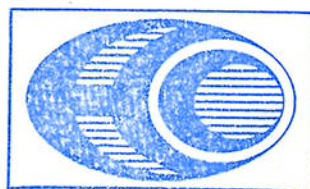
GT = Globe Temperature

DB = Dry - Bulb Temperature

WBGT = Wet - Bulb Globe Temperature

* Parameter have License Registration of Department of Labour Protection and Welfare No. 0401-03-2564-0009

(Measurement By Ms. Khasirin Puttha)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

18/03/2026

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Request No. LA69-R0336

Report No. R6903-0578

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.

ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230

SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.

SAMPLE POINT : บริเวณเครื่องรีดร้อน (Hot Rolling) (H3) - (Control Room)

MEASURING DATE : 11/03/2026 SAMPLE NO. : 05112

SAMPLING INSTRUMENT : Heat Stress ; RECEIVED DATE : 11/03/2026

Wet Bulb Globe Temperature (WBGT) REPORTED DATE : 18/03/2026

Serial No. TPI050069

PARAMETER*	SAMPLING TIME	RESULT				UNIT
		NWB	GT	DB	WBGT	
Heat Stress	09:50 - 10:20	24.8	35.7	34.5	28.1	°C
	10:20 - 10:50	24.9	36.6	35.1	28.4	°C
	10:50 - 11:20	25.4	37.2	35.6	28.9	°C
	11:20 - 11:50	25.9	37.9	36.1	29.5	°C
WBGT AVERAGE	09:50 - 11:50	-	-	-	28.7	°C
STANDARD		-	-	-	34.0 ^{1,2}	°C

REMARK :

Work Load is Light, Indoor

¹ Regulation of The Ministry of Labour B.E. 2559 (2016)² Notification of The Ministry of Industry B.E. 2546 (2003)

NWB = Natural Wet - Bulb Temperature

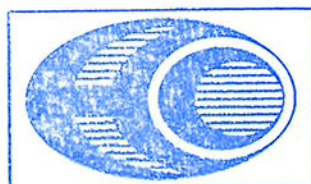
GT = Globe Temperature

DB = Dry - Bulb Temperature

WBGT = Wet - Bulb Globe Temperature

* Parameter have License Registration of Department of Labour Protection and Welfare No. 0401-03-2564-0009

(Measurement By Ms. Khasirin Puttha)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

18/03/2026

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Request No. LA69-R0336

Report No. R6903-0579

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.
 ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230
 SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
 SAMPLE POINT : บริเวณเครื่องรีดร้อน (Hot Rolling) (H3) - พื้นที่วางแท่ง Slab
 MEASURING DATE : 11/03/2026
 SAMPLING INSTRUMENT : Heat Stress ;
 Wet Bulb Globe Temperature (WBGT)
 Serial No. TEU080014

SAMPLE NO. : 05113
 RECEIVED DATE : 11/03/2026
 REPORTED DATE : 18/03/2026

PARAMETER*	SAMPLING TIME	RESULT				
		NWB	GT	DB	WBGT	UNIT
Heat Stress	09:50 - 10:20	20.9	25.6	24.8	22.3	°C
	10:20 - 10:50	21.5	25.9	24.4	22.8	°C
	10:50 - 11:20	21.7	26.1	24.2	23.0	°C
	11:20 - 11:50	21.9	26.3	24.0	23.2	°C
WBGT AVERAGE	09:50 - 11:50	-	-	-	22.8	°C
STANDARD		-	-	-	34.0 ^{1,2}	°C

REMARK :

Work Load is Light, Indoor

¹ Regulation of The Ministry of Labour B.E. 2559 (2016)² Notification of The Ministry of Industry B.E. 2546 (2003)

NWB = Natural Wet - Bulb Temperature

GT = Globe Temperature

DB = Dry - Bulb Temperature

WBGT = Wet - Bulb Globe Temperature

* Parameter have License Registration of Department of Labour Protection and Welfare No. 0401-03-2564-0009

(Measurement By Ms. Khasirin Puttha)



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Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

18/03/2026

Request No. LA69-R0336

Report No. R6903-0580

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.

ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230

SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.

SAMPLE POINT : บริเวณเครื่องรีดร้อน (Hot Rolling) (H3) - จุดวางชิ้นงาน, พื้นที่หน้าเตาอบแห้ง Slab

MEASURING DATE : 11/03/2026 SAMPLE NO. : 05114

SAMPLING INSTRUMENT : Heat Stress ; RECEIVED DATE : 11/03/2026

Wet Bulb Globe Temperature (WBGT) : REPORTED DATE : 18/03/2026

Serial No. TEU080015

PARAMETER*	SAMPLING TIME	RESULT				
		NWB	GT	DB	WBGT	UNIT
Heat Stress	09:50 - 10:20	24.5	34.9	33.7	27.6	°C
	10:20 - 10:50	24.6	34.7	33.6	27.6	°C
	10:50 - 11:20	25.7	36.3	35.0	28.9	°C
	11:20 - 11:50	26.1	37.0	35.5	29.4	°C
WBGT AVERAGE	09:50 - 11:50	-	-	-	28.4	°C
STANDARD		-	-	-	34.0 ^{1/2}	°C

REMARK :

Work Load is Light, Indoor

¹ Regulation of The Ministry of Labour B.E. 2559 (2016)² Notification of The Ministry of Industry B.E. 2546 (2003)

NWB = Natural Wet - Bulb Temperature

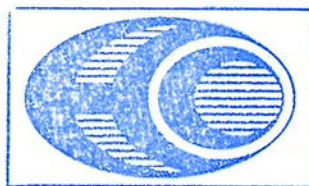
GT = Globe Temperature

DB = Dry - Bulb Temperature

WBGT = Wet - Bulb Globe Temperature

* Parameter have License Registration of Department of Labour Protection and Welfare No. 0401-03-2564-0009

(Measurement By Ms. Khasirin Puttha)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

18/03/2026

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Request No. LA69-R0336

Report No. R6903-0575 - R6903-0577

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.
 ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230
 SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
 SAMPLE POINT : บริเวณเตาอบ HF10 (H4) SAMPLE NO. : 05109-05111
 MEASURING DATE : 10/03/2026 RECEIVED DATE : 11/03/2026
 SAMPLING INSTRUMENT : Heat Stress ; REPORTED DATE : 18/03/2026

Wet Bulb Globe Temperature (WBGT) : Serial No. TPQ030024, TPH060001, TPL090017

PARAMETER*	Sampling Time	WBGT (°C)				Average (°C)
		30 min	60 min	90 min	120 min	
Heat Stress	10:30 - 12:30	28.9	29.2	29.4	29.8	29.3
บริเวณเตาหลอม HF10 (H4) - หน้าเตาอบ						
Heat Stress	10:30 - 12:30	28.0	28.7	29.5	30.2	29.1
บริเวณเตาหลอม HF10 (H4) - พื้นที่ทำงานทั่วไป						
Heat Stress	10:30 - 12:30	23.8	23.6	23.4	23.2	23.5
บริเวณเตาหลอม HF10 (H4) - Control Room						
WBGT AVERAGE	10:30 - 12:30	-	-	-	-	26.3
STANDARD		-	-	-	-	34.0 ^{1,2}

REMARK :

Work Load = 128.0 Kcal/hr.

¹ Regulation of The Ministry of Labour B.E. 2559 (2016) (Light)² Notification of The Ministry of Industry B.E. 2546 (2003) (Light)

NWB = Natural Wet - Bulb Temperature

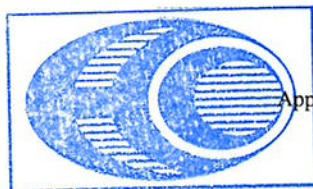
GT = Globe Temperature

DB = Dry - Bulb Temperature

WBGT = Wet - Bulb Globe Temperature

* Parameter have License Registration of Department of Labour Protection and Welfare No. 0401-03-2564-0009

(Measurement By Ms. Khasirin Puttha)



Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

18/03/2026

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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Request No. LA69-R0336

Report No. R6903-0575

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.
 ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230
 SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
 SAMPLE POINT : บริเวณเตาหลอม HF10 (H4) - หน้าเตาอบ
 MEASURING DATE : 10/03/2026 SAMPLE NO. : 05109
 SAMPLING INSTRUMENT : Heat Stress ; RECEIVED DATE : 11/03/2026
 Wet Bulb Globe Temperature (WBGT) REPORTED DATE : 18/03/2026
 Serial No. TPH060001

PARAMETER*	SAMPLING TIME	RESULT				UNIT
		NWB	GT	DB	WBGT	
Heat Stress	10:30 - 11:00	25.4	37.1	35.8	28.9	°C
	11:00 - 11:30	25.6	37.5	36.2	29.2	°C
	11:30 - 12:00	25.8	37.9	36.6	29.4	°C
	12:00 - 12:30	26.1	38.4	37.0	29.8	°C
WBGT AVERAGE	10:30 - 12:30	-	-	-	29.3	°C
STANDARD		-	-	-	34.0 ^{1,2}	°C

REMARK :

Work Load is Light, Indoor

¹ Regulation of The Ministry of Labour B.E. 2559 (2016)² Notification of The Ministry of Industry B.E. 2546 (2003)

NWB = Natural Wet - Bulb Temperature

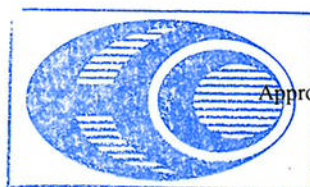
GT = Globe Temperature

DB = Dry - Bulb Temperature

WBGT = Wet - Bulb Globe Temperature

* Parameter have License Registration of Department of Labour Protection and Welfare No. 0401-03-2564-0009

(Measurement By Ms. Khasirin Puttha)



Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

18/03/2026

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Request No. LA69-R0336

Report No. R6903-0576

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.
 ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230
 SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
 SAMPLE POINT : บริเวณเตาหลอม HF10 (H4) - Control Room
 MEASURING DATE : 10/03/2026
 SAMPLING INSTRUMENT : Heat Stress ;
 Wet Bulb Globe Temperature (WBGT)
 Serial No. TPQ030024

SAMPLE NO. : 05110
 RECEIVED DATE : 11/03/2026
 REPORTED DATE : 18/03/2026

PARAMETER*	SAMPLING TIME	RESULT				UNIT
		NWB	GT	DB	WBGT	
Heat Stress	10:30 - 11:00	21.7	28.8	28.8	23.8	°C
	11:00 - 11:30	21.3	29.0	28.1	23.6	°C
	11:30 - 12:00	21.0	29.1	28.3	23.4	°C
	12:00 - 12:30	20.6	29.3	28.5	23.2	°C
WBGT AVERAGE	10:30 - 12:30	-	-	-	23.5	°C
STANDARD		-	-	-	34.0 ^{1/2}	°C

REMARK :

Work Load is Light, Indoor

^{1/1} Regulation of The Ministry of Labour B.E. 2559 (2016)^{1/2} Notification of The Ministry of Industry B.E. 2546 (2003)

NWB = Natural Wet - Bulb Temperature

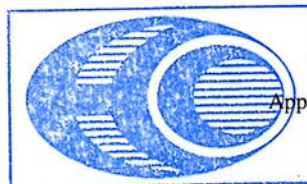
GT = Globe Temperature

DB = Dry - Bulb Temperature

WBGT = Wet - Bulb Globe Temperature

* Parameter have License Registration of Department of Labour Protection and Welfare No. 0401-03-2564-0009

(Measurement By Ms. Khasirin Puttha)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

18/03/2026

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Request No. LA69-R0336

Report No. R6903-0577

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.
ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230
SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
SAMPLE POINT : บริเวณเตาหลอม HF10 (H4) - พื้นที่ทำงานทั่วไป
MEASURING DATE : 10/03/2026
SAMPLING INSTRUMENT : Heat Stress ;
Wet Bulb Globe Temperature (WBGT)
Serial No. TPL090017
SAMPLE NO. : 05111
RECEIVED DATE : 11/03/2026
REPORTED DATE : 18/03/2026

PARAMETER*	SAMPLING TIME	RESULT				UNIT
		NWB	GT	DB	WBGT	
Heat Stress	10:30 - 11:00	24.5	36.1	34.7	28.0	°C
	11:00 - 11:30	25.3	36.7	35.3	28.7	°C
	11:30 - 12:00	26.1	37.3	35.9	29.5	°C
	12:00 - 12:30	26.9	37.9	36.5	30.2	°C
WBGT AVERAGE	10:30 - 12:30	-	-	-	29.1	°C
STANDARD		-	-	-	34.0 ^{/1,2}	°C

REMARK : Work Load is Light, Indoor

^{/1} Regulation of The Ministry of Labour B.E. 2559 (2016)^{/2} Notification of The Ministry of Industry B.E. 2546 (2003)

NWB = Natural Wet - Bulb Temperature

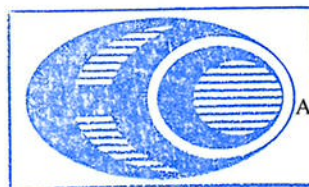
GT = Globe Temperature

DB = Dry - Bulb Temperature

WBGT = Wet - Bulb Globe Temperature

* Parameter have License Registration of Department of Labour Protection and Welfare No. 0401-03-2564-0009

(Measurement By Ms. Khasirin Puttha)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

18/03/2026

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Request No. LA69-R0336

Report No. R6903-0584 - R6903-0586

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.
 ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230
 SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
 SAMPLE POINT : บริเวณเตาอบ HF12 (H6) SAMPLE NO. : 05118-05120
 MEASURING DATE : 11/03/2026 RECEIVED DATE : 11/03/2026
 SAMPLING INSTRUMENT : Heat Stress ; REPORTED DATE : 18/03/2026

Wet Bulb Globe Temperature (WBGT) : Serial No. TPH060001, TPQ030023, TEU080013

PARAMETER*	Sampling Time	WBGT (°C)				Average (°C)
		30 min	60 min	90 min	120 min	
Heat Stress	09:40 - 11:40	27.7	27.9	28.3	28.6	28.1
บริเวณเตาอบ HF12 (H6) - พื้นที่วาง Pick Coil						
Heat Stress	09:40 - 11:40	27.8	28.0	28.4	28.7	28.2
บริเวณเตาอบ HF12 (H6) - พื้นที่วางชิ้นงาน, พื้นที่หน้าเตาอบ						
Heat Stress	09:40 - 11:40	29.4	29.7	30.0	30.4	29.9
บริเวณเตาอบ HF12 (H6) - Control Room						
WBGT AVERAGE	09:40 - 11:40	-	-	-	-	28.9
STANDARD		-	-	-	-	34.0 ^{1/2}

REMARK :

Work Load = 138.0 Kcal/hr.

¹ Regulation of The Ministry of Labour B.E. 2559 (2016) (Moderate)² Notification of The Ministry of Industry B.E. 2546 (2003) (Moderate)

NWB = Natural Wet - Bulb Temperature

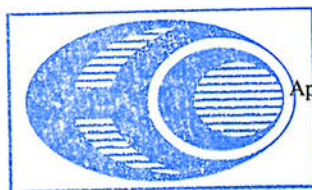
GT = Globe Temperature

DB = Dry - Bulb Temperature

WBGT = Wet - Bulb Globe Temperature

* Parameter have License Registration of Department of Labour Protection and Welfare No. 0401-03-2564-0009

(Measurement By Ms. Khasirin Puttha)



Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

18/03/2026

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Request No. LA69-R0336

Report No. R6903-0584

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.

ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230

SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.

SAMPLE POINT : บริเวณเตาอบ HF12 (H6) - พื้นที่วาง Pick Coil

MEASURING DATE : 11/03/2026 SAMPLE NO. : 05118

SAMPLING INSTRUMENT : Heat Stress ; RECEIVED DATE : 11/03/2026

Wet Bulb Globe Temperature (WBGT) : REPORTED DATE : 18/03/2026

Serial No. TPH060001

PARAMETER*	SAMPLING TIME	RESULT				UNIT
		NWB	GT	DB	WBGT	
Heat Stress	09:40 - 10:10	24.5	35.1	34.3	27.7	°C
	10:10 - 10:40	24.7	35.5	34.7	27.9	°C
	10:40 - 11:10	25.0	36.0	35.1	28.3	°C
	11:10 - 11:40	25.3	36.4	35.3	28.6	°C
WBGT AVERAGE	09:40 - 11:40	-	-	-	28.1	°C
STANDARD		-	-	-	34.0 ^{/1,2}	°C

REMARK :

Work Load is Light, Indoor

^{/1} Regulation of The Ministry of Labour B.E. 2559 (2016)^{/2} Notification of The Ministry of Industry B.E. 2546 (2003)

NWB = Natural Wet - Bulb Temperature

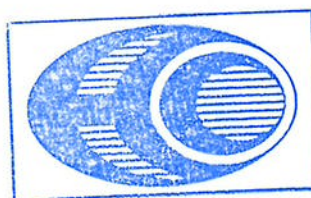
GT = Globe Temperature

DB = Dry - Bulb Temperature

WBGT = Wet - Bulb Globe Temperature

* Parameter have License Registration of Department of Labour Protection and Welfare No. 0401-03-2564-0009

(Measurement By Ms. Khasirin Puttha)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

18/03/2026

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Request No. LA69-R0336

Report No. R6903-0585

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.
 ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230
 SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
 SAMPLE POINT : บริเวณเตาอบ HF12 (H6) - Control Room
 MEASURING DATE : 11/03/2026
 SAMPLING INSTRUMENT : Heat Stress ;
 Wet Bulb Globe Temperature (WBGT)
 Serial No. TEU080013

SAMPLE NO. : 05119
 RECEIVED DATE : 11/03/2026
 REPORTED DATE : 18/03/2026

PARAMETER*	SAMPLING TIME	RESULT				
		NWB	GT	DB	WBGT	UNIT
Heat Stress	09:40 - 10:10	25.8	37.9	36.2	29.4	°C
	10:10 - 10:40	26.0	38.3	36.6	29.7	°C
	10:40 - 11:10	26.3	38.7	37.0	30.0	°C
	11:10 - 11:40	26.6	39.1	37.4	30.4	°C
WBGT AVERAGE	09:40 - 11:40	-	-	-	29.9	°C
STANDARD		-	-	-	34.0 ^{1/2}	°C

REMARK :

Work Load is Light, Indoor

¹ Regulation of The Ministry of Labour B.E. 2559 (2016)² Notification of The Ministry of Industry B.E. 2546 (2003)

NWB = Natural Wet - Bulb Temperature

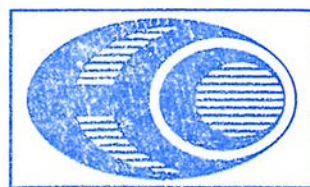
GT = Globe Temperature

DB = Dry - Bulb Temperature

WBGT = Wet - Bulb Globe Temperature

* Parameter have License Registration of Department of Labour Protection and Welfare No. 0401-03-2564-0009

(Measurement By Ms. Khasirin Puttha)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

18/03/2026

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Request No. LA69-R0336

Report No. R6903-0586

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.

ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230

SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.

SAMPLE POINT : บริเวณเตาอบ HF12 (H6) - พื้นที่วางชิ้นงาน, พื้นที่หน้าเตาอบ

MEASURING DATE : 11/03/2026 SAMPLE NO. : 05120

SAMPLING INSTRUMENT : Heat Stress ; RECEIVED DATE : 11/03/2026

Wet Bulb Globe Temperature (WBGT) : REPORTED DATE : 18/03/2026

Serial No. TPQ030023

PARAMETER*	SAMPLING TIME	RESULT				
		NWB	GT	DB	WBGT	UNIT
Heat Stress	09:40 - 10:10	24.1	36.3	34.6	27.8	°C
	10:10 - 10:40	24.3	36.7	35.0	28.0	°C
	10:40 - 11:10	24.6	37.1	35.4	28.4	°C
	11:10 - 11:40	24.9	37.5	35.8	28.7	°C
WBGT AVERAGE	09:40 - 11:40	-	-	-	28.2	°C
STANDARD		-	-	-	34.0 ^{1/2}	°C

REMARK :

Work Load is Light, Indoor

^{1/} Regulation of The Ministry of Labour B.E. 2559 (2016)^{1/2} Notification of The Ministry of Industry B.E. 2546 (2003)

NWB = Natural Wet - Bulb Temperature

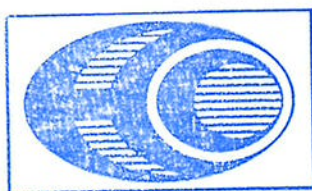
GT = Globe Temperature

DB = Dry - Bulb Temperature

WBGT = Wet - Bulb Globe Temperature

* Parameter have License Registration of Department of Labour Protection and Welfare No. 0401-03-2564-0009

(Measurement By Ms. Khasirin Puttha)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

18/03/2026

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Request No. LA69-R0336

Report No. R6903-0581 - R6903-0583

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.

ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230

SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.

SAMPLE POINT : บริเวณเตาอบ HF13 (H7) SAMPLE NO. : 05115-05117

MEASURING DATE : 11/03/2026 RECEIVED DATE : 11/03/2026

SAMPLING INSTRUMENT : Heat Stress ; REPORTED DATE : 18/03/2026

Wet Bulb Globe Temperature (WBGT) : Serial No. TPQ030024, TPI050070, TEU080011

PARAMETER*	Sampling Time	WBGT (°C)				Average (°C)
		30 min	60 min	90 min	120 min	
Heat Stress	09:30 - 11:30	28.7	29.0	29.5	29.9	29.3
บริเวณเตาอบ HF13 (H7) - พื้นที่วางชิ้นงาน, หน้าเตาอบ						
Heat Stress	09:30 - 11:30	29.4	29.7	30.0	30.3	29.9
บริเวณเตาอบ HF13 (H7) - พื้นที่ทำงานทั่วไป, DX Gas						
Heat Stress	09:30 - 11:30	26.9	27.4	27.8	28.3	27.6
บริเวณเตาอบ HF13 (H7) - Control Room						
WBGT AVERAGE	09:30 - 11:30	-	-	-	-	28.7
STANDARD		-	-	-	-	34.0 ^{1,2}

REMARK :

Work Load = 106.5 Kcal/hr.

¹ Regulation of The Ministry of Labour B.E. 2559 (2016) (Light)² Notification of The Ministry of Industry B.E. 2546 (2003) (Light)

NWB = Natural Wet - Bulb Temperature

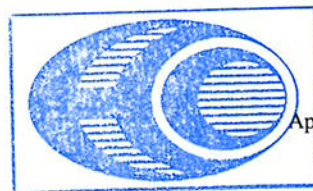
GT = Globe Temperature

DB = Dry - Bulb Temperature

WBGT = Wet - Bulb Globe Temperature

* Parameter have License Registration of Department of Labour Protection and Welfare No. 0401-03-2564-0009

(Measurement By Ms. Khasirin Puttha)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

18/03/2026

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Request No. LA69-R0336

Report No. R6903-0581

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.
 ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230
 SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
 SAMPLE POINT : บริเวณเตาอบ HF13 (H7) - พื้นที่วางชิ้นงาน, หน้าเตาอบ
 MEASURING DATE : 11/03/2026 SAMPLE NO. : 05115
 SAMPLING INSTRUMENT : Heat Stress ; RECEIVED DATE : 11/03/2026
 Wet Bulb Globe Temperature (WBGT) REPORTED DATE : 18/03/2026
 Serial No. TPI050070

PARAMETER*	SAMPLING TIME	RESULT				UNIT
		NWB	GT	DB	WBGT	
Heat Stress	09:30 - 10:00	25.3	36.6	35.9	28.7	°C
	10:00 - 10:30	25.6	37.0	36.6	29.0	°C
	10:30 - 11:00	25.9	37.8	37.1	29.5	°C
	11:00 - 11:30	26.2	38.4	37.6	29.9	°C
WBGT AVERAGE	09:30 - 11:30	-	-	-	29.3	°C
STANDARD		-	-	-	34.0 ^{1/2}	°C

REMARK :

Work Load is Light, Indoor

^{1/} Regulation of The Ministry of Labour B.E. 2559 (2016)^{2/} Notification of The Ministry of Industry B.E. 2546 (2003)

NWB = Natural Wet - Bulb Temperature

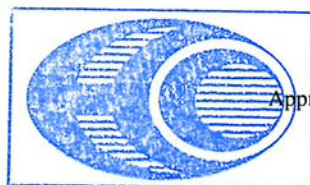
GT = Globe Temperature

DB = Dry - Bulb Temperature

WBGT = Wet - Bulb Globe Temperature

* Parameter have License Registration of Department of Labour Protection and Welfare No. 0401-03-2564-0009

(Measurement By Ms. Khasirin Puttha)



Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

18/03/2026

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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Request No. LA69-R0336

Report No. R6903-0582

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.
 ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230
 SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
 SAMPLE POINT : บริเวณเตาอบ HF13 (H7) - พื้นที่ทำงานทั่วไป, DX Gas
 MEASURING DATE : 11/03/2026
 SAMPLING INSTRUMENT : Heat Stress ;
 Wet Bulb Globe Temperature (WBGT)
 Serial No. TEU080011

SAMPLE NO. : 05116
 RECEIVED DATE : 11/03/2026
 REPORTED DATE : 18/03/2026

PARAMETER*	SAMPLING TIME	RESULT				UNIT
		NWB	GT	DB	WBGT	
Heat Stress	09:30 - 10:00	25.8	37.9	36.2	29.4	°C
	10:00 - 10:30	26.0	38.2	36.5	29.7	°C
	10:30 - 11:00	26.3	38.6	36.9	30.0	°C
	11:00 - 11:30	26.6	39.0	37.3	30.3	°C
WBGT AVERAGE	09:30 - 11:30	-	-	-	29.9	°C
STANDARD		-	-	-	34.0 ^{1/2}	°C

REMARK :

Work Load is Light, Indoor

^{1/1} Regulation of The Ministry of Labour B.E. 2559 (2016)^{1/2} Notification of The Ministry of Industry B.E. 2546 (2003)

NWB = Natural Wet - Bulb Temperature

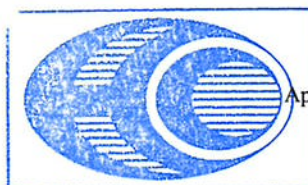
GT = Globe Temperature

DB = Dry - Bulb Temperature

WBGT = Wet - Bulb Globe Temperature

* Parameter have License Registration of Department of Labour Protection and Welfare No. 0401-03-2564-0009

(Measurement By Ms. Khasirin Puttha)



Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

18/03/2026

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด
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Request No. LA69-R0336

Report No. R6903-0583

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.

ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230

SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.

SAMPLE POINT : บริเวณเตาอบ HF13 (H7) - Control Room

MEASURING DATE : 11/03/2026

SAMPLING INSTRUMENT : Heat Stress ;

Wet Bulb Globe Temperature (WBGT)

Serial No. TPQ030024

SAMPLE NO. : 05117

RECEIVED DATE : 11/03/2026

REPORTED DATE : 18/03/2026

PARAMETER*	SAMPLING TIME	RESULT				UNIT
		NWB	GT	DB	WBGT	
Heat Stress	09:30 - 10:00	23.5	34.9	34.7	26.9	°C
	10:00 - 10:30	23.8	35.7	35.4	27.4	°C
	10:30 - 11:00	24.2	36.3	35.8	27.8	°C
	11:00 - 11:30	24.6	36.9	36.2	28.3	°C
WBGT AVERAGE	09:30 - 11:30	-	-	-	27.6	°C
STANDARD		-	-	-	34.0 ^{1/2}	°C

REMARK :

Work Load is Light, Indoor

^{1/1} Regulation of The Ministry of Labour B.E. 2559 (2016)^{1/2} Notification of The Ministry of Industry B.E. 2546 (2003)

NWB = Natural Wet - Bulb Temperature

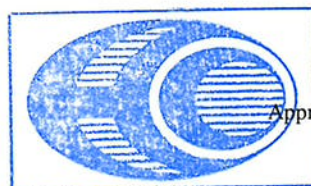
GT = Globe Temperature

DB = Dry - Bulb Temperature

WBGT = Wet - Bulb Globe Temperature

* Parameter have License Registration of Department of Labour Protection and Welfare No. 0401-03-2564-0009

(Measurement By Ms. Khasirin Puttha)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

18/03/2026

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Request No. LA69-R06123

Report No. R6906-6262 - R6906-6264

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.

ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230

SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.

SAMPLE POINT : บริเวณเตาหลอมโครอส (H8) SAMPLE NO. : 21169-21171

MEASURING DATE : 15/06/2026 RECEIVED DATE : 15/06/2026

SAMPLING INSTRUMENT : Heat Stress ; REPORTED DATE : 29/06/2026

Wet Bulb Globe Temperature (WBGT) : Serial No. TEU080013, TEU080015, TEU080011

PARAMETER*	Sampling Time	WBGT (°C)				Average (°C)
		30 min	60 min	90 min	120 min	
Heat Stress	09:30 - 11:30	29.1	29.3	29.8	29.9	29.5
บริเวณเตาหลอมโครอส (H8) - พื้นที่พักพนักงาน						
Heat Stress	09:30 - 11:30	30.2	30.5	30.6	30.4	30.4
บริเวณเตาหลอมโครอส (H8) - พื้นที่ทำงานทั่วไป						
Heat Stress	09:30 - 11:30	30.6	30.8	30.9	31.0	30.8
บริเวณเตาหลอมโครอส (H8) - หน้าเตาหลอม						
WBGT AVERAGE	09:30 - 11:30	-	-	-	-	30.5
STANDARD		-	-	-	-	32.0 ^{/1,2}

REMARK :

Work Load = 176.25 Kcal/hr.

^{/1} Regulation of The Ministry of Labour B.E. 2559 (2016) (Moderate)^{/2} Notification of The Ministry of Industry B.E. 2546 (2003) (Moderate)

NWB = Natural Wet - Bulb Temperature

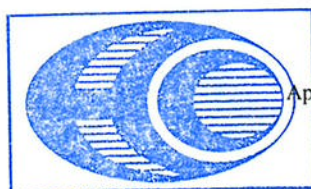
GT = Globe Temperature

DB = Dry - Bulb Temperature

WBGT = Wet - Bulb Globe Temperature

* Parameter have License Registration of Department of Labour Protection and Welfare No. 0401-03-2564-0009

(Measurement By Ms. Nipaporn Khamchomphoo)



Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

08/04/2025

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Request No. LA69-R06123

Report No. R6906-6262

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.

ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230

SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.

SAMPLE POINT : บริเวณเตาหลอมโครอส (H8) - หน้าเตาหลอม

MEASURING DATE : 15/06/2026 SAMPLE NO. : 21169

SAMPLING INSTRUMENT : Heat Stress ; RECEIVED DATE : 15/06/2026

Wet Bulb Globe Temperature (WBGT) REPORTED DATE : 29/06/2026

Serial No. TEU080013

PARAMETER*	SAMPLING TIME	RESULT				
		NWB	GT	DB	WBGT	UNIT
Heat Stress	09:30 - 10:00	27.8	37.0	36.7	30.6	°C
	10:00 - 10:30	28.0	37.2	37.0	30.8	°C
	10:30 - 11:00	28.1	37.5	37.2	30.9	°C
	11:00 - 11:30	28.2	37.6	37.3	31.0	°C
WBGT AVERAGE	09:30 - 11:30	-	-	-	30.8	°C
STANDARD		-	-	-	34.0 ^{/1,2}	°C

REMARK :

Work Load is Light, Indoor

^{/1} Regulation of The Ministry of Labour B.E. 2559 (2016)^{/2} Notification of The Ministry of Industry B.E. 2546 (2003)

NWB = Natural Wet - Bulb Temperature

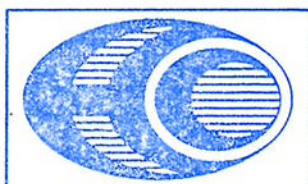
GT = Globe Temperature

DB = Dry - Bulb Temperature

WBGT = Wet - Bulb Globe Temperature

* Parameter have License Registration of Department of Labour Protection and Welfare No. 0401-03-2564-0009

(Measurement By Ms. Nipaporn Khamchomphoo)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

29/06/2026

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Request No. LA69-R06123

Report No. R6906-6263

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.

ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230

SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.

SAMPLE POINT : บริเวณเตาหลอมโครอส (H8) - พื้นที่ทำงานทั่วไป

MEASURING DATE : 15/06/2026 SAMPLE NO. : 21170

SAMPLING INSTRUMENT : Heat Stress ; RECEIVED DATE : 15/06/2026

Wet Bulb Globe Temperature (WBGT) REPORTED DATE : 29/06/2026

Serial No. TEU080015

PARAMETER*	SAMPLING TIME	RESULT				
		NWB	GT	DB	WBGT	UNIT
Heat Stress	09:30 - 10:00	27.5	36.4	36.0	30.2	°C
	10:00 - 10:30	27.7	36.9	36.1	30.5	°C
	10:30 - 11:00	27.8	37.2	36.3	30.6	°C
	11:00 - 11:30	27.6	37.0	36.2	30.4	°C
WBGT AVERAGE	09:30 - 11:30	-	-	-	30.4	°C
STANDARD		-	-	-	34.0 ^{/1,2}	°C

REMARK :

Work Load is Light, Indoor

^{/1} Regulation of The Ministry of Labour B.E. 2559 (2016)^{/2} Notification of The Ministry of Industry B.E. 2546 (2003)

NWB = Natural Wet - Bulb Temperature

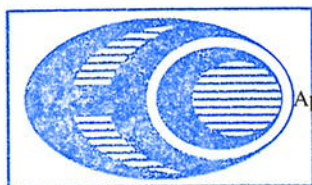
GT = Globe Temperature

DB = Dry - Bulb Temperature

WBGT = Wet - Bulb Globe Temperature

* Parameter have License Registration of Department of Labour Protection and Welfare No. 0401-03-2564-0009

(Measurement By Ms. Nipaporn Khamchomphoo)



Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

29/06/2026

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

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Request No. LA69-R06123

Report No. R6906-6264

TEST REPORT

CUSTOMER : Siam Poongsan Metal Co., Ltd.
 ADDRESS : 38/14 Moo 5 T. Tungsukla A. Sriracha, Chonburi 20230
 SAMPLE SOURCE : Siam Poongsan Metal Co., Ltd.
 SAMPLE POINT : บริเวณเตาหลอมโครอส (H8) - พื้นที่พักพนักงาน
 MEASURING DATE : 15/06/2026
 SAMPLING INSTRUMENT : Heat Stress ;
 Wet Bulb Globe Temperature (WBGT)
 Serial No. TEU080011

SAMPLE NO. : 21171
 RECEIVED DATE : 15/06/2026
 REPORTED DATE : 29/06/2026

PARAMETER*	SAMPLING TIME	RESULT				
		NWB	GT	DB	WBGT	UNIT
Heat Stress	09:30 - 10:00	26.7	34.8	32.3	29.1	°C
	10:00 - 10:30	26.9	35.0	32.7	29.3	°C
	10:30 - 11:00	27.3	35.6	33.0	29.8	°C
	11:00 - 11:30	27.4	35.8	33.2	29.9	°C
WBGT AVERAGE	09:30 - 11:30	-	-	-	29.5	°C
STANDARD		-	-	-	34.0 ^{/1,2}	°C

REMARK :

Work Load is Light, Indoor

^{/1} Regulation of The Ministry of Labour B.E. 2559 (2016)^{/2} Notification of The Ministry of Industry B.E. 2546 (2003)

NWB = Natural Wet - Bulb Temperature

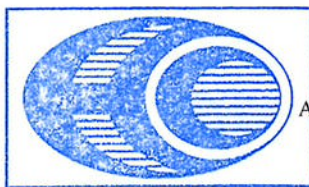
GT = Globe Temperature

DB = Dry - Bulb Temperature

WBGT = Wet - Bulb Globe Temperature

* Parameter have License Registration of Department of Labour Protection and Welfare No. 0401-03-2564-0009

(Measurement By Ms. Nipaporn Khamchomphoo)



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By.....

(MRS. WANPEN LHAOCHINDAWAT)

29/06/2026

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