

ภาคผนวก ค

รายงานผลการตรวจวัดคุณภาพสิ่งแวดล้อม



TEST REPORT

Analysis No. : R23-3640
Received Date : 13-20/11/23
Customer : Technical Division of Thai Environmental Technic Limited
For Yamada Somboon Co., Ltd.
โครงการ โรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)
Address : Siam Eastern Industrial Park 60/4, 42/12 Moo 3, Mabyangporn,
Pluakdaeng Rayong 21140
Contact : Tel. (038) 891 187-9 Ext. 207 Fax. (038) 891 756

Report Date : 28/11/23
Analysis Date : 13-22/11/23
Job No. : S660129/Nov
Sampling By : TET
Type of Sample : Ambient Air

Sampling Point	Sample No.	Sampling Date	Result		Analysis Date
			TSP (mg/m ³)	PM-10 (mg/m ³)	
โรงเรียนมาบยางพรวิทยาคม (47P 0730929 UTM 1439070)	2311-AA0583	10-11/11/23	0.082	0.031	13-15/11/23
	2311-AA0585	11-12/11/23	0.061	0.032	13-15/11/23
	2311-AA0716	12-13/11/23	0.089	0.039	14-16/11/23
	2311-AA0750	13-14/11/23	0.055	0.032	15-17/11/23
	2311-AA0764	14-15/11/23	0.086	0.028	16-20/11/23
	2311-AA0827	15-16/11/23	0.069	0.022	17-21/11/23
	2311-AA0895	16-17/11/23	0.099	0.025	20-22/11/23
รพ. สต. บ้านมาบยางพร (47P 0731400 UTM 1436972)	2311-AA0584	10-11/11/23	0.193	0.009	13-15/11/23
	2311-AA0586	11-12/11/23	0.290	0.034	13-15/11/23
	2311-AA0717	12-13/11/23	0.354	0.135	14-16/11/23
	2311-AA0751	13-14/11/23	0.281	0.098	15-17/11/23
	2311-AA0765	14-15/11/23	0.282	0.094	16-20/11/23
	2311-AA0828	15-16/11/23	0.206	0.073	17-21/11/23
	2311-AA0896	16-17/11/23	0.458	0.092	20-22/11/23
Standard			0.33	0.12	

Method : TSP = Gravimetric Method (US.EPA 40 CFR Part 50 Appendix B)

PM-10 = Gravimetric Method (US.EPA 40 CFR Part 50 Appendix J)

Standard : Notification of the National Environment Board No. 10 (1995) (B.E. 2538) and No. 24 (2004) (B.E. 2547), 24-hr. average value

Reviewed by

Ms. Wareerut Prachumdaeng
Chief of Laboratory
28.11.23



Approved by

Mrs. Pomtip Pethshee
Laboratory Manager
28.11.23

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Thai Environmental Technic Limited
บริษัท เทคโนโลยีสิ่งแวดล้อมไทย จำกัด

ORIGINAL

ต้นฉบับ

1/6 Soi Ramkhamhaeng 145, Khwaeng / Khet Saphansung, Bangkok 10240

E-mail : admin@tet1995.com

1/6 ซอยรามคำแหง 145 แขวงสะพานสูง เขตสะพานสูง กรุงเทพมหานคร 10240

Tel : 0-2373-7799 (Auto) Fax : 0-2373-7979

TEST REPORT

Customer Name : Yamada Somboon Co., Ltd.

Report No. : 3640/2023/1-26

Project : โครงการโรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)

Report Date : November 29, 2023

Address : Siam Eastern Industrial Park 60/4, 42/12 Moo 3,

Sampling Date : November 10-17, 2023

Mabyangporn, Pluakdaeng Rayong 21140

Type of Sample : Ambient Air

T. (038) 891 187-9 Ext. 207 F. (038) 891 756

Job No. : S660129/Nov

Item	Time	Result						
		โรงเรียนมาบยางพรวิทยาคม						
		NO ₂ (ppm)						
		10-11/11/23	11-12/11/23	12-13/11/23	13-14/11/23	14-15/11/23	15-16/11/23	16-17/11/23
1.	13:00-14:00	0.0031	0.0025	0.0037	0.0031	0.0032	0.0026	0.0026
2.	14:00-15:00	0.0030	0.0019	0.0022	0.0037	0.0017	0.0025	0.0016
3.	15:00-16:00	0.0024	0.0025	0.0025	0.0021	0.0024	0.0027	0.0020
4.	16:00-17:00	0.0025	0.0013	0.0021	0.0040	0.0029	0.0034	0.0022
5.	17:00-18:00	0.0031	0.0020	0.0022	0.0034	0.0026	0.0033	0.0027
6.	18:00-19:00	0.0028	0.0027	0.0022	0.0034	0.0026	0.0024	0.0026
7.	19:00-20:00	0.0019	0.0029	0.0015	0.0033	0.0032	0.0025	0.0020
8.	20:00-21:00	0.0017	0.0024	0.0020	0.0040	0.0026	0.0029	0.0033
9.	21:00-22:00	0.0016	0.0026	0.0016	0.0028	0.0025	0.0020	0.0010
10.	22:00-23:00	0.0017	0.0021	0.0018	0.0059	0.0032	0.0016	0.0013
11.	23:00-00:00	0.0018	0.0012	0.0014	0.0020	0.0022	0.0017	0.0015
12.	00:00-01:00	0.0018	0.0012	0.0027	0.0022	0.0019	0.0012	0.0016
13.	01:00-02:00	0.0017	0.0016	0.0020	0.0017	0.0012	0.0010	0.0027
14.	02:00-03:00	0.0012	0.0017	0.0017	0.0018	0.0012	0.0010	0.0017
15.	03:00-04:00	0.0013	0.0019	0.0014	0.0015	0.0010	0.0010	0.0019
16.	04:00-05:00	0.0017	0.0013	0.0012	0.0013	0.0010	0.0010	0.0016
17.	05:00-06:00	0.0015	0.0012	0.0013	0.0011	0.0010	0.0011	0.0017
18.	06:00-07:00	0.0011	0.0018	0.0019	0.0012	0.0010	0.0011	0.0013
19.	07:00-08:00	0.0017	0.0019	0.0010	0.0018	0.0010	0.0010	0.0013
20.	08:00-09:00	0.0017	0.0020	0.0034	0.0011	0.0012	0.0013	0.0024
21.	09:00-10:00	0.0013	0.0023	0.0019	0.0018	0.0010	0.0014	0.0016
22.	10:00-11:00	0.0017	0.0027	0.0015	0.0017	0.0014	0.0028	0.0015
23.	11:00-12:00	0.0022	0.0020	0.0026	0.0020	0.0016	0.0031	0.0032
24.	12:00-13:00	0.0028	0.0014	0.0025	0.0019	0.0031	0.0027	0.0025
Minimum		0.0011	0.0012	0.0010	0.0011	0.0010	0.0010	0.0010
Maximum		0.0031	0.0029	0.0037	0.0059	0.0032	0.0034	0.0033
Average		0.0020	0.0020	0.0020	0.0025	0.0019	0.0020	0.0020
Standard		0.17						

Standard: Notification of the National Environment Board No. 33 (2009) (B.E. 2552)

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager

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TEST REPORT

Customer Name : Yamada Somboon Co., Ltd.

Report No. : 3640/2023/2-26

Project : โครงการโรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)

Report Date : November 29, 2023

Address : Siam Eastern Industrial Park 60/4, 42/12 Moo 3,
Mabyangporn, Pluakdaeng Rayong 21140

Sampling Date : November 10-17, 2023

T. (038) 891 187-9 Ext. 207 F. (038) 891 756

Type of Sample : Ambient Air

Job No. : S660129/Nov

Item	Time	Result						
		รพ. สต. บ้านมาบยางพร						
		NO ₂ (ppm)						
		10-11/11/23	11-12/11/23	12-13/11/23	13-14/11/23	14-15/11/23	15-16/11/23	16-17/11/23
1.	14:00-15:00	0.0043	0.0026	0.0013	0.0033	0.0026	0.0038	0.0032
2.	15:00-16:00	0.0017	0.0023	0.0018	0.0040	0.0031	0.0040	0.0032
3.	16:00-17:00	0.0042	0.0029	0.0015	0.0028	0.0026	0.0038	0.0033
4.	17:00-18:00	0.0038	0.0031	0.0017	0.0043	0.0025	0.0040	0.0038
5.	18:00-19:00	0.0022	0.0045	0.0011	0.0040	0.0041	0.0041	0.0033
6.	19:00-20:00	0.0033	0.0046	0.0020	0.0033	0.0018	0.0033	0.0030
7.	20:00-21:00	0.0026	0.0026	0.0020	0.0039	0.0018	0.0034	0.0033
8.	21:00-22:00	0.0025	0.0031	0.0018	0.0024	0.0022	0.0030	0.0033
9.	22:00-23:00	0.0024	0.0050	0.0040	0.0038	0.0026	0.0029	0.0033
10.	23:00-00:00	0.0016	0.0028	0.0032	0.0044	0.0019	0.0029	0.0030
11.	00:00-01:00	0.0027	0.0043	0.0045	0.0028	0.0018	0.0032	0.0026
12.	01:00-02:00	0.0025	0.0043	0.0035	0.0030	0.0017	0.0031	0.0030
13.	02:00-03:00	0.0032	0.0027	0.0025	0.0046	0.0033	0.0038	0.0040
14.	03:00-04:00	0.0021	0.0032	0.0033	0.0032	0.0020	0.0040	0.0035
15.	04:00-05:00	0.0019	0.0026	0.0039	0.0044	0.0020	0.0030	0.0026
16.	05:00-06:00	0.0022	0.0048	0.0032	0.0028	0.0020	0.0062	0.0047
17.	06:00-07:00	0.0035	0.0011	0.0026	0.0048	0.0019	0.0026	0.0019
18.	07:00-08:00	0.0028	0.0029	0.0031	0.0045	0.0022	0.0023	0.0022
19.	08:00-09:00	0.0037	0.0021	0.0054	0.0035	0.0026	0.0024	0.0015
20.	09:00-10:00	0.0040	0.0018	0.0043	0.0017	0.0026	0.0021	0.0018
21.	10:00-11:00	0.0040	0.0024	0.0040	0.0038	0.0033	0.0027	0.0029
22.	11:00-12:00	0.0036	0.0023	0.0033	0.0029	0.0033	0.0024	0.0023
23.	12:00-13:00	0.0040	0.0047	0.0035	0.0021	0.0032	0.0028	0.0023
24.	13:00-14:00	0.0038	0.0021	0.0025	0.0039	0.0033	0.0027	0.0033
Minimum		0.0016	0.0011	0.0011	0.0017	0.0017	0.0021	0.0015
Maximum		0.0043	0.0050	0.0054	0.0048	0.0041	0.0062	0.0047
Average		0.0030	0.0031	0.0029	0.0035	0.0025	0.0033	0.0030
Standard		0.17						

Standard: Notification of the National Environment Board No. 33 (2009) (B.E. 2552)

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager

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TEST REPORT

Customer Name : Yamada Somboon Co., Ltd.

Report No. : 3640/2023/3-26

Project : โครงการโรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)

Report Date : November 29, 2023

Address : Siam Eastern Industrial Park 60/4, 42/12 Moo 3,

Sampling Date : November 10-17, 2023

Mabyangporn, Pluakdaeng Rayong 21140

Type of Sample : Ambient Air

T. (038) 891 187-9 Ext. 207 F. (038) 891 756

Job No. : S660129/Nov

Item	Time	Result						
		โรงเรียนมาบยางพรวิทยาคม						
		SO ₂ (ppm)						
		10-11/11/23	11-12/11/23	12-13/11/23	13-14/11/23	14-15/11/23	15-16/11/23	16-17/11/23
1.	13:00-14:00	0.0015	0.0015	0.0017	0.0011	0.0017	0.0012	0.0013
2.	14:00-15:00	0.0012	0.0014	0.0013	0.0012	0.0010	0.0018	0.0017
3.	15:00-16:00	0.0011	0.0010	0.0015	0.0020	0.0015	0.0016	0.0013
4.	16:00-17:00	0.0017	0.0015	0.0011	0.0015	0.0010	0.0014	0.0015
5.	17:00-18:00	0.0011	0.0017	0.0017	0.0025	0.0012	0.0025	0.0018
6.	18:00-19:00	0.0015	0.0018	0.0018	0.0014	0.0016	0.0012	0.0015
7.	19:00-20:00	0.0013	0.0016	0.0012	0.0008	0.0017	0.0011	0.0014
8.	20:00-21:00	0.0015	0.0012	0.0014	0.0013	0.0013	0.0017	0.0012
9.	21:00-22:00	0.0019	0.0011	0.0010	0.0008	0.0017	0.0016	0.0018
10.	22:00-23:00	0.0012	0.0014	0.0016	0.0019	0.0011	0.0016	0.0015
11.	23:00-00:00	0.0015	0.0010	0.0008	0.0018	0.0016	0.0015	0.0009
12.	00:00-01:00	0.0011	0.0018	0.0017	0.0017	0.0015	0.0012	0.0017
13.	01:00-02:00	0.0015	0.0014	0.0018	0.0010	0.0009	0.0017	0.0014
14.	02:00-03:00	0.0015	0.0017	0.0009	0.0006	0.0008	0.0017	0.0013
15.	03:00-04:00	0.0016	0.0012	0.0012	0.0011	0.0010	0.0009	0.0012
16.	04:00-05:00	0.0008	0.0015	0.0015	0.0013	0.0018	0.0016	0.0018
17.	05:00-06:00	0.0009	0.0017	0.0016	0.0016	0.0015	0.0015	0.0018
18.	06:00-07:00	0.0010	0.0017	0.0010	0.0017	0.0017	0.0015	0.0015
19.	07:00-08:00	0.0010	0.0010	0.0008	0.0015	0.0018	0.0010	0.0011
20.	08:00-09:00	0.0009	0.0014	0.0009	0.0015	0.0009	0.0020	0.0017
21.	09:00-10:00	0.0018	0.0015	0.0016	0.0011	0.0012	0.0017	0.0011
22.	10:00-11:00	0.0011	0.0019	0.0012	0.0015	0.0018	0.0011	0.0015
23.	11:00-12:00	0.0010	0.0014	0.0015	0.0013	0.0019	0.0016	0.0018
24.	12:00-13:00	0.0016	0.0016	0.0012	0.0012	0.0018	0.0010	0.0016
Minimum		0.0008	0.0010	0.0008	0.0006	0.0008	0.0009	0.0009
Maximum		0.0019	0.0019	0.0018	0.0025	0.0019	0.0025	0.0018
Average		0.0013	0.0015	0.0013	0.0014	0.0014	0.0015	0.0015
Standard		0.30						

Standard: Notification of the National Environment Board No. 12 (1995) (B.E. 2538) and No. 21 (2001) (B.E. 2544)

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager

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TEST REPORT

Customer Name : Yamada Somboon Co., Ltd.

Report No. : 3640/2023/4-26

Project : โครงการโรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)

Report Date : November 29, 2023

Address : Siam Eastern Industrial Park 60/4, 42/12 Moo 3,

Sampling Date : November 10-17, 2023

Mabyangporn, Pluakdaeng Rayong 21140

Type of Sample : Ambient Air

T. (038) 891 187-9 Ext. 207 F. (038) 891 756

Job No. : S660129/Nov

Item	Time	Result						
		รพ. สต. บ้านมาบยางพร						
		SO ₂ (ppm)						
		10-11/11/23	11-12/11/23	12-13/11/23	13-14/11/23	14-15/11/23	15-16/11/23	16-17/11/23
1.	14:00-15:00	0.0017	0.0018	0.0018	0.0016	0.0019	0.0021	0.0013
2.	15:00-16:00	0.0027	0.0018	0.0020	0.0014	0.0019	0.0019	0.0013
3.	16:00-17:00	0.0020	0.0022	0.0018	0.0016	0.0011	0.0013	0.0020
4.	17:00-18:00	0.0028	0.0027	0.0022	0.0015	0.0016	0.0011	0.0039
5.	18:00-19:00	0.0019	0.0021	0.0038	0.0016	0.0010	0.0027	0.0029
6.	19:00-20:00	0.0029	0.0024	0.0027	0.0017	0.0013	0.0016	0.0022
7.	20:00-21:00	0.0027	0.0022	0.0037	0.0025	0.0011	0.0026	0.0023
8.	21:00-22:00	0.0028	0.0045	0.0019	0.0015	0.0042	0.0011	0.0014
9.	22:00-23:00	0.0019	0.0035	0.0030	0.0015	0.0032	0.0019	0.0024
10.	23:00-00:00	0.0030	0.0019	0.0027	0.0013	0.0019	0.0016	0.0017
11.	00:00-01:00	0.0028	0.0037	0.0026	0.0025	0.0022	0.0015	0.0025
12.	01:00-02:00	0.0029	0.0028	0.0029	0.0012	0.0027	0.0018	0.0016
13.	02:00-03:00	0.0029	0.0038	0.0046	0.0011	0.0025	0.0035	0.0026
14.	03:00-04:00	0.0032	0.0021	0.0038	0.0010	0.0027	0.0027	0.0024
15.	04:00-05:00	0.0030	0.0039	0.0021	0.0019	0.0026	0.0022	0.0025
16.	05:00-06:00	0.0031	0.0030	0.0042	0.0027	0.0027	0.0031	0.0016
17.	06:00-07:00	0.0031	0.0040	0.0032	0.0017	0.0028	0.0021	0.0013
18.	07:00-08:00	0.0031	0.0038	0.0031	0.0018	0.0036	0.0020	0.0023
19.	08:00-09:00	0.0015	0.0039	0.0028	0.0016	0.0026	0.0017	0.0015
20.	09:00-10:00	0.0016	0.0030	0.0028	0.0017	0.0026	0.0017	0.0016
21.	10:00-11:00	0.0016	0.0019	0.0027	0.0017	0.0024	0.0016	0.0013
22.	11:00-12:00	0.0019	0.0020	0.0026	0.0020	0.0036	0.0015	0.0012
23.	12:00-13:00	0.0017	0.0022	0.0030	0.0018	0.0023	0.0019	0.0015
24.	13:00-14:00	0.0018	0.0018	0.0026	0.0019	0.0022	0.0015	0.0022
Minimum		0.0015	0.0018	0.0018	0.0010	0.0010	0.0011	0.0012
Maximum		0.0032	0.0045	0.0046	0.0027	0.0042	0.0035	0.0039
Average		0.0024	0.0028	0.0029	0.0017	0.0024	0.0019	0.0020
Standard		0.30						

Standard: Notification of the National Environment Board No. 12 (1995) (B.E. 2538) and No. 21 (2001) (B.E. 2544)

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager

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TEST REPORT

Customer Name : Yamada Somboon Co., Ltd.

Report No. : 3640/2023/5-26

Project : โครงการโรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)

Report Date : November 29, 2023

Address : Siam Eastern Industrial Park 60/4, 42/12 Moo 3,

Sampling Date : November 10-17, 2023

Mabyangporn, Pluakdaeng Rayong 21140

Type of Sample : Ambient Air

T. (038) 891 187-9 Ext. 207 F. (038) 891 756

Job No. : S660129/Nov

Item	Sampling Date	Result	
		SO ₂ (24 hr) (ppm)	
		โรงเรียนมาบยางพรวิทยา	รพ. สต. บ้านมาบยางพร
1.	10-11/11/23	0.0013	0.0024
2.	11-12/11/23	0.0015	0.0028
3.	12-13/11/23	0.0013	0.0029
4.	13-14/11/23	0.0014	0.0017
5.	14-15/11/23	0.0014	0.0024
6.	15-16/11/23	0.0015	0.0019
7.	16-17/11/23	0.0015	0.0020
Standard		0.12	

Standard : Notification of the National Environment Board No. 10 (1995) (B.E. 2538) and No. 24 (2004) (B.E. 2547)

Remark : Reference to Notification of Pollution Control Department on other measuring instruments and method for ambient gas or particulates as approved by Pollution Control Department (2019) (B.E. 2562)

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager

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TEST REPORT

Customer Name : Yamada Somboon Co., Ltd.

Report No. : 3640/2023/6-26

Project : โครงการโรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)

Report Date : November 29, 2023

Address : Siam Eastern Industrial Park 60/4, 42/12 Moo 3,

Sampling Date : November 10-17, 2023

Mabyangporn, Pluakdaeng Rayong 21140

Type of Sample : WS & WD

T. (038) 891 187-9 Ext. 207 F. (038) 891 756

Job No. : S660129/Nov

Item	Time	รพ. สต. บ้านมาบยางพร													
		10-11/11/23		11-12/11/23		12-13/11/23		13-14/11/23		14-15/11/23		15-16/11/23		16-17/11/23	
		WS	WD	WS	WD	WS	WD	WS	WD	WS	WD	WS	WD	WS	WD
1.	14.00	1.8	S	3.1	SSW	1.3	S	2.7	SSW	0.0	E	0.0	WSW	0.9	E
2.	15.00	1.8	S	3.1	S	1.3	SSW	0.9	SSW	0.0	E	0.0	WSW	1.3	ESE
3.	16.00	1.8	SSW	3.1	S	1.3	S	0.9	S	0.0	S	0.4	WSW	1.3	ESE
4.	17.00	3.1	SSW	2.7	SSW	2.7	S	0.9	S	0.0	SSW	0.4	SW	0.0	ESE
5.	18.00	2.2	SSE	2.2	SSE	2.2	S	0.9	S	0.9	SSW	0.4	SW	0.4	ESE
6.	19.00	2.2	SSE	1.8	S	2.2	S	2.2	S	0.4	S	0.0	E	0.0	E
7.	20.00	2.2	SSE	1.8	SSE	1.8	S	1.8	SSE	0.0	S	0.0	E	0.0	SW
8.	21.00	1.3	SSE	1.3	ESE	1.3	SE	1.3	SSE	1.3	SSW	0.0	E	0.0	SW
9.	22.00	1.3	SE	1.3	SE	0.9	ESE	0.9	SSE	0.4	SSE	0.0	S	0.4	E
10.	23.00	0.4	ESE	0.0	ESE	0.9	ESE	0.9	ESE	0.4	S	0.4	SSW	0.9	E
11.	00.00	0.0	E	0.0	ESE	0.9	ENE	0.0	E	0.4	SSE	0.4	SSW	0.9	E
12.	01.00	0.4	ESE	0.0	E	0.9	ESE	0.0	ESE	0.4	ESE	0.9	S	1.3	S
13.	02.00	0.0	ESE	0.0	E	0.9	E	0.0	E	0.0	SE	0.9	S	0.4	SSW
14.	03.00	0.0	ESE	0.4	E	0.9	E	0.0	E	0.0	ESE	0.9	SSW	0.4	SSW
15.	04.00	0.0	ESE	0.0	E	0.9	E	0.0	E	0.0	ESE	1.3	SSE	0.4	S
16.	05.00	0.0	E	0.0	ESE	0.0	E	0.0	E	0.0	E	0.0	S	0.0	S
17.	06.00	0.0	E	0.0	ESE	0.0	E	0.0	E	0.0	E	0.0	SSE	0.0	SSW
18.	07.00	0.0	E	0.0	ESE	0.0	E	0.0	E	0.0	E	0.0	ESE	0.0	SSE
19.	08.00	0.0	E	0.0	ESE	0.0	E	0.0	E	0.0	E	0.0	SE	0.0	S
20.	09.00	0.0	E	0.0	E	0.0	E	0.0	E	0.0	ESE	0.9	ESE	0.0	SSE
21.	10.00	0.4	E	0.4	E	0.4	ESE	0.0	E	0.0	ESE	0.9	ESE	0.4	ESE
22.	11.00	0.0	E	0.4	ESE	0.0	ESE	0.4	ESE	0.4	ESE	0.4	E	0.0	SE
23.	12.00	1.8	S	1.8	SE	0.4	ESE	0.4	ESE	0.0	ESE	0.9	E	0.4	ESE
24.	13.00	1.8	SSW	1.3	SSE	1.8	SSE	0.0	E	0.0	E	1.8	E	0.0	ESE
Average		0.9	-	1.0	-	1.0	-	0.6	-	0.2	-	0.5	-	0.4	-

Remark : WS = WIND SPEED (m/s)

WD = WIND DIRECTION

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager

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TEST REPORT

Analysis No. : R23-3640
Received Date : 17/11/23
Customer : Technical Division of Thai Environmental Technic Limited
For Yamada Somboon Co., Ltd.
โครงการ โรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)
Address : Siam Eastern Industrial Park 60/4, 42/12 Moo 3, Mabyangporn,
Pluakdaeng Rayong 21140
Contact : Tel. (038) 891 187-9 Ext. 207 Fax. (038) 891 756

Report Date : 28/11/23
Analysis Date : 15-20/11/23
Job No. : S660129/Nov
Sampling By : TET
Type of Sample : Stack

Sampling Conditions :

Item	Description	Unit	Result
			2311-AS0825
			S1 : Dust Collector Stack
1	Sampling Date	-	15/11/23
2	Stack Diameter	m	Ø 0.75
3	Temperature ⁽¹⁾	°C	60
4	Stack Gas Velocity ⁽¹⁾	m/s	8.8
5	Flow Rate ⁽¹⁾	m ³ /s	3.9
6	Flow Rate ⁽²⁾	Nm ³ /s	3.3
7	Moisture Content ⁽¹⁾	%	4.62
8	O ₂ Rate ⁽¹⁾ , dry basis	%	20.3
9	CO ₂ Rate ⁽¹⁾ , dry basis	%	< 1.0
10	Absolute Stack Pressure ⁽¹⁾	mm.Hg	756.8

Parameter	Unit	Method	Result		Standard			Analysis Date
			2311-AS0825		(With Combustion)			
			S1 : Dust Collector Stack		(A)		(B)	
Particulate ⁽²⁾	mg/Nm ³	Isokinetic, Gravimetric Method (US.EPA Method 5, Dec 07, 2020)	2.7	0.0089 (g/s)	20	0.0800 (g/s)	240	17-20/11/23
NO _x as NO ₂ ⁽²⁾	ppm	Instrument Analyzer Method (US.EPA Method 7E, Oct 07, 2020)	2.20	0.0137 (g/s)	3	0.0226 (g/s)	200	15/11/23
SO ₂ ⁽²⁾	ppm	Instrument Analyzer Method (US.EPA Method 6C, Aug 2, 2017)	< 0.10	< 0.0009 (g/s)	5	0.0524 (g/s)	60	15/11/23
CO ⁽²⁾	ppm	NDIR Method (US.EPA Method 10, Aug 02, 2017)	6	-	-	-	690	15/11/23

Remarks : S1 : Dust Collector Stack = 47P 0731309 UTM 1438017

(1) Flue conditions

(2) The concentrations of air emissions and emission rate are based on the reference condition of 25 °C at 1 atm or 760 mm.Hg and dry basis, (open system)

Standard (A) According to Specified Requirement Environmental Impact Assessment of Yamada Somboon Co., Ltd. (2021) (B.E. 2564)

(B) Notification of the Ministry of Industry (2006) (B.E. 2549) and Notification of the Ministry of Natural Resources and Environment (2006) (B.E. 2549)

Source : NGV

Reviewed by

Ms. Wareerut Prachumdaeng

Chief of Laboratory

28/11/23



Approved by

Mrs. Porntip Pethshee

Laboratory Manager

28/11/23

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Thai Environmental Technic Limited

บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

ORIGINAL

ต้นฉบับ

1/6 Soi Ramkhamhaeng 145, Khwaeng / Khet Saphansung, Bangkok 10240

E-mail : admin@tet1995.com

1/6 ซอยรามคำแหง 145 แขวงสะพานสูง เขตสะพานสูง กรุงเทพมหานคร 10240

Tel : 0-2373-7799 (Auto) Fax : 0-2373-7979

Page 1 of 14

TEST REPORT

Analysis No. : R23-3640/DIW
Received Date : 17/11/23
Customer : Technical Division of Thai Environmental Technic Limited
 For Yamada Somboon Co., Ltd.
 โครงการ โรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)
Address : Siam Eastern Industrial Park 60/4, 42/12 Moo 3, Mabyangporn,
 Pluakdaeng Rayong 21140
Contact : Tel. (038) 891 187-9 Ext. 207 Fax. (038) 891 756

Report Date : 28/11/23
Analysis Date : 15-20/11/23
Job No. : S660129/Nov
Sampling By : Mr. Kiattisak Wandee
Registration Number : จ-236-จ-0012
Type of Sample : Stack

Sampling Conditions :

Item	Description	Unit	Result
			2311-AS0825
			S1 : Dust Collector Stack
1	Sampling Date	-	15/11/23
2	Stack Diameter	m	Ø 0.75
3	Temperature ⁽¹⁾	°C	60
4	Stack Gas Velocity ⁽¹⁾	m/s	8.8
5	Flow Rate ⁽¹⁾	m ³ /s	3.9
6	Flow Rate ⁽²⁾	Nm ³ /s	3.3
7	Moisture Content ⁽¹⁾	%	4.62
8	O ₂ Rate ⁽¹⁾ , dry basis	%	20.3
9	CO ₂ Rate ⁽¹⁾ , dry basis	%	< 1.0
10	Absolute Stack Pressure ⁽¹⁾	mm.Hg	756.8

Parameter	Unit	Method	Result	Standard (With Combustion)	Analysis Date
			2311-AS0825		
			S1 : Dust Collector Stack		
Particulate ⁽²⁾	mg/Nm ³	Isokinetic, Gravimetric Method (US.EPA Method 5, Dec 07, 2020)	2.7	240	17-20/11/23
NO _x as NO ₂ ⁽²⁾	ppm	Instrument Analyzer Method (US.EPA Method 7E, Oct 07, 2020)	2.20	200	15/11/23
SO ₂ ⁽²⁾	ppm	Instrument Analyzer Method (US.EPA Method 6C, Aug 2, 2017)	< 0.10	60	15/11/23
CO ⁽²⁾	ppm	NDIR Method (US.EPA Method 10, Aug 02, 2017)	6	690	15/11/23

Remarks : S1 : Dust Collector Stack = 47P 0731309 UTM 1438017

(1) Flue conditions

(2) The concentrations of air emissions and emission rate are based on the reference condition of 25 °C at 1 atm or 760 mm.Hg and dry basis, (open system)

Standard : Notification of the Ministry of Industry (2006) (B.E. 2549)

Source : NGV

Reviewed by

Ms. Wareerut Prachumdaeng
Chief of Laboratory

จ-236-ก-0002

28/11/23



Approved by

Mrs. Pornpip Pethshee
Laboratory Manager

จ-236-ก-0003

28/11/23

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TEST REPORT

Analysis No. : R23-3640
Received Date : 15/11/23
Customer : Technical Division of Thai Environmental Technic Limited
For Yamada Somboon Co., Ltd.
โครงการโรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)
Address : Siam Eastern Industrial Park 60/4, 42/12 Moo 3, Mabyangporn,
Pluakdaeng Rayong 21140
Contact : Tel. (038) 891 187-9 Ext. 207 Fax. (038) 891 756
Sampling Conditions :

Report Date : 28/11/23
Analysis Date : 14-16/11/23
Job No. : S660129/Nov
Sampling By : TET
Type of Sample : Stack

Item	Description	Unit	Result	
			2311-AS0747	
			S3 : Die Cast MC # 16 Stack	
1	Sampling Date	-	14/11/23	
2	Stack Diameter	m	Ø 0.45	
3	Temperature ⁽¹⁾	°C	78	
4	Stack Gas Velocity ⁽¹⁾	m/s	8.2	
5	Flow Rate ⁽¹⁾	m ³ /s	1.3	
6	Flow Rate ⁽²⁾	Nm ³ /s	1.1	
7	Moisture Content ⁽¹⁾	%	2.87	
8	O ₂ Rate ⁽¹⁾ , dry basis	%	20.5	
9	CO ₂ Rate ⁽¹⁾ , dry basis	%	< 1.0	
10	Absolute Stack Pressure ⁽¹⁾	mm.Hg	756.8	

Parameter	Unit	Method	Result		Standard			Analysis Date
			2311-AS0747		(With Combustion)			
			S3 : Die Cast MC # 16 Stack		(A)		(B)	
Particulate ⁽²⁾	mg/Nm ³	Isokinetic, Gravimetric Method (US.EPA Method 5, Dec 07, 2020)	0.5	0.0005 (g/s)	30	0.0300 (g/s)	240	15-16/11/23
NO _x as NO ₂ ⁽²⁾	ppm	Instrument Analyzer Method (US.EPA Method 7E, Oct 07, 2020)	2.40	0.0048 (g/s)	8	0.0151 (g/s)	200	14/11/23
SO ₂ ⁽²⁾	ppm	Instrument Analyzer Method (US.EPA Method 6C, Aug 2, 2017)	< 0.10	< 0.0003 (g/s)	5	0.0131 (g/s)	60	14/11/23
CO ⁽²⁾	ppm	NDIR Method (US.EPA Method 10, Aug 02, 2017)	8	-	-	-	690	14/11/23

Remarks : S3 : Die Cast MC # 16 Stack = 47P 0731277 UTM 1438083

(1) Flue conditions

(2) The concentrations of air emissions and emission rate are based on the reference condition of 25 °C at 1 atm or 760 mm.Hg and dry basis, (open system)

Standard (A) According to Specified Requirement Environmental Impact Assessment of Yamada Somboon Co., Ltd. (2021) (B.E. 2564)

(B) Notification of the Ministry of Industry (2006) (B.E. 2549) and Notification of the Ministry of Natural Resources and Environment (2006) (B.E. 2549)

Source : NGV

Reviewed by

Ms. Wareerut Prachumdaeng
Chief of Laboratory
18, 11, 23



Approved by

Mrs. Pornpip Pethshee
Laboratory Manager
18, 11, 23

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Thai Environmental Technic Limited

บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

ORIGINAL

ต้นฉบับ

1/6 Soi Ramkhamhaeng 145, Khwaeng / Khet Saphansung, Bangkok 10240

E-mail : admin@tet1995.com

1/6 ซอยรามคำแหง 145 แขวงสะพานสูง เขตสะพานสูง กรุงเทพมหานคร 10240

Tel : 0-2373-7799 (Auto) Fax : 0-2373-7979

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TEST REPORT

Analysis No. : R23-3640/DIW
Received Date : 15/11/23
Customer : Technical Division of Thai Environmental Technic Limited
 For Yamada Somboon Co., Ltd.
 โครงการ โรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)
Address : Siam Eastern Industrial Park 60/4, 42/12 Moo 3, Mabyangporn,
 Pluakdaeng Rayong 21140
Contact : Tel. (038) 891 187-9 Ext. 207 Fax. (038) 891 756

Report Date : 28/11/23
Analysis Date : 14-16/11/23
Job No. : S660129/Nov
Sampling By : Mr. Kiattisak Wandee
Registration Number : ว-236-จ-0012
Type of Sample : Stack

Sampling Conditions :

Item	Description	Unit	Result
			2311-AS0747
			S3 : Die Cast MC # 16 Stack
1	Sampling Date	-	14/11/23
2	Stack Diameter	m	Ø 0.45
3	Temperature ⁽¹⁾	°C	78
4	Stack Gas Velocity ⁽¹⁾	m/s	8.2
5	Flow Rate ⁽¹⁾	m ³ /s	1.3
6	Flow Rate ⁽²⁾	Nm ³ /s	1.1
7	Moisture Content ⁽¹⁾	%	2.87
8	O ₂ Rate ⁽¹⁾ , dry basis	%	20.5
9	CO ₂ Rate ⁽¹⁾ , dry basis	%	< 1.0
10	Absolute Stack Pressure ⁽¹⁾	mm.Hg	756.8

Parameter	Unit	Method	Result	Standard (With Combustion)	Analysis Date
			2311-AS0747		
			S3 : Die Cast MC # 16 Stack		
Particulate ⁽²⁾	mg/Nm ³	Isokinetic, Gravimetric Method (US.EPA Method 5, Dec 07, 2020)	0.5	240	15-16/11/23
NO _x as NO ₂ ⁽²⁾	ppm	Instrument Analyzer Method (US.EPA Method 7E, Oct 07, 2020)	2.40	200	14/11/23
SO ₂ ⁽²⁾	ppm	Instrument Analyzer Method (US.EPA Method 6C, Aug 2, 2017)	< 0.10	60	14/11/23
CO ⁽²⁾	ppm	NDIR Method (US.EPA Method 10, Aug 02, 2017)	8	690	14/11/23

Remarks : S3 : Die Cast MC # 16 Stack = 47P 0731277 UTM 1438083

(1) Flue conditions

(2) The concentrations of air emissions and emission rate are based on the reference condition of 25 °C at 1 atm or 760 mm.Hg and dry basis, (open system)

Standard : Notification of the Ministry of Industry (2006) (B.E. 2549)

Source : NGV

Reviewed by

Ms. Wareerut Prachumdaeng
 Chief of Laboratory
 ว-236-ก-0002
 28/11/23



Approved by

Mrs. Pornpip Pethshee
 Laboratory Manager
 ว-236-ก-0003
 28/11/23

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TEST REPORT

Analysis No. : R23-3640
Received Date : 15/11/23
Customer : Technical Division of Thai Environmental Technic Limited
For Yamada Somboon Co., Ltd.
โครงการโรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)
Address : Siam Eastern Industrial Park 60/4, 42/12 Moo 3, Mabyangporn,
Pluakdaeng Rayong 21140
Contact : Tel. (038) 891 187-9 Ext. 207 Fax. (038) 891 756

Report Date : 28/11/23
Analysis Date : 14-16/11/23
Job No. : S660129/Nov
Sampling By : TET
Type of Sample : Stack

Sampling Conditions :

Item	Description	Unit	Result
			2311-AS0748
			S4 : Die Cast MC # 17 Stack # 18 Stack
1	Sampling Date	-	14/11/23
2	Stack Diameter	m	Ø 0.60
3	Temperature ⁽¹⁾	°C	84
4	Stack Gas Velocity ⁽¹⁾	m/s	8.6
5	Flow Rate ⁽¹⁾	m ³ /s	2.4
6	Flow Rate ⁽²⁾	Nm ³ /s	2.0
7	Moisture Content ⁽¹⁾	%	3.40
8	O ₂ Rate ⁽¹⁾ , dry basis	%	19.8
9	CO ₂ Rate ⁽¹⁾ , dry basis	%	< 1.0
10	Absolute Stack Pressure ⁽¹⁾	mm.Hg	756.8

Parameter	Unit	Method	Result		Standard			Analysis
			2311-AS0748		(With Combustion)			
			S4 : Die Cast MC # 17 Stack # 18 Stack		(A)		(B)	Date
Particulate ⁽²⁾	mg/Nm ³	Isokinetic, Gravimetric Method (US.EPA Method 5, Dec 07, 2020)	1.0	0.0020 (g/s)	30	0.0480 (g/s)	240	15-16/11/23
NO _x as NO ₂ ⁽²⁾	ppm	Instrument Analyzer Method (US.EPA Method 7E, Oct 07, 2020)	1.80	0.0066 (g/s)	8	0.0241 (g/s)	200	14/11/23
SO ₂ ⁽²⁾	ppm	Instrument Analyzer Method (US.EPA Method 6C, Aug 2, 2017)	< 0.10	< 0.0005 (g/s)	5	0.0209 (g/s)	60	14/11/23
CO ⁽²⁾	ppm	NDIR Method (US.EPA Method 10, Aug 02, 2017)	32	-	-	-	690	14/11/23

Remarks : S4 : Die Cast MC # 17 Stack # 18 Stack = 47P 0731819 UTM 1431803

(1) Flue conditions

(2) The concentrations of air emissions and emission rate are based on the reference condition of 25 °C at 1 atm or 760 mm.Hg and dry basis, (open system)

Standard (A) According to Specified Requirement Environmental Impact Assessment of Yamada Somboon Co., Ltd. (2021) (B.E. 2564)

(B) Notification of the Ministry of Industry (2006) (B.E. 2549) and Notification of the Ministry of Natural Resources and Environment (2006) (B.E. 2549)

Source : NGV

Reviewed by

Ms. Wareerut Prachumdaeng

Chief of Laboratory

28, 11, 23



Approved by

Mrs. Pomtip Pethshee

Laboratory Manager

28, 11, 23

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TEST REPORT

Analysis No. : R23-3640/DIW
Received Date : 15/11/23
Customer : Technical Division of Thai Environmental Technic Limited
For Yamada Somboon Co., Ltd.
โครงการโรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)
Address : Siam Eastern Industrial Park 60/4, 42/12 Moo 3, Mabyangporn,
Pluakdaeng Rayong 21140
Contact : Tel. (038) 891 187-9 Ext. 207 Fax. (038) 891 756

Report Date : 28/11/23
Analysis Date : 14-16/11/23
Job No. : S660129/Nov
Sampling By : Mr. Kiattisak Wandee
Registration Number : ว-236-จ-0012
Type of Sample : Stack

Sampling Conditions :

Item	Description	Unit	Result
			2311-AS0748
			S4 : Die Cast MC # 17 Stack # 18 Stack
1	Sampling Date	-	14/11/23
2	Stack Diameter	m	Ø 0.60
3	Temperature ⁽¹⁾	°C	84
4	Stack Gas Velocity ⁽¹⁾	m/s	8.6
5	Flow Rate ⁽¹⁾	m ³ /s	2.4
6	Flow Rate ⁽²⁾	Nm ³ /s	2.0
7	Moisture Content ⁽¹⁾	%	3.40
8	O ₂ Rate ⁽¹⁾ , dry basis	%	19.8
9	CO ₂ Rate ⁽¹⁾ , dry basis	%	< 1.0
10	Absolute Stack Pressure ⁽¹⁾	mm.Hg	756.8

Parameter	Unit	Method	Result	Standard (With Combustion)	Analysis Date
			2311-AS0748		
			S4 : Die Cast MC # 17 Stack # 18 Stack		
Particulate ⁽²⁾	mg/Nm ³	Isokinetic, Gravimetric Method (US.EPA Method 5, Dec 07, 2020)	1.0	240	15-16/11/23
NO _x as NO ₂ ⁽²⁾	ppm	Instrument Analyzer Method (US.EPA Method 7E, Oct 07, 2020)	1.80	200	14/11/23
SO ₂ ⁽²⁾	ppm	Instrument Analyzer Method (US.EPA Method 6C, Aug 2, 2017)	< 0.10	60	14/11/23
CO ⁽²⁾	ppm	NDIR Method (US.EPA Method 10, Aug 02, 2017)	32	690	14/11/23

Remarks : S4 : Die Cast MC # 17 Stack # 18 Stack = 47P 0731819 UTM 1431803

(1) Flue conditions

(2) The concentrations of air emissions and emission rate are based on the reference condition of 25 °C at 1 atm or 760 mm.Hg and dry basis, (open system)

Standard : Notification of the Ministry of Industry (2006) (B.E. 2549)

Source : NGV

Reviewed by

Ms. Wareerut Prachumdaeng
Chief of Laboratory
ว-236-ก-0002
18/11/23



Approved by

Mrs. Pomtip Pethshee
Laboratory Manager
ว-236-ก-0003
18/11/23

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TEST REPORT

Analysis No. : R23-3640
Received Date : 14/11/23
Customer : Technical Division of Thai Environmental Technic Limited
For Yamada Somboon Co., Ltd.
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Address : Siam Eastern Industrial Park 60/4, 42/12 Moo 3, Mabyangporn,
Pluakdaeng Rayong 21140
Contact : Tel. (038) 891 187-9 Ext. 207 Fax. (038) 891 756

Report Date : 28/11/23
Analysis Date : 15-16/11/23
Job No. : S660129/Nov
Sampling By : TET
Type of Sample : Stack

Sampling Conditions :

Item	Description	Unit	Result
			2311-AS0711
			S5 : Shot Blast 1 Stack
1	Sampling Date	-	13/11/23
2	Stack Diameter	m	Ø 0.15
3	Temperature ⁽¹⁾	°C	40
4	Stack Gas Velocity ⁽¹⁾	m/s	5.2
5	Flow Rate ⁽¹⁾	m ³ /s	0.1
6	Flow Rate ⁽²⁾	Nm ³ /s	0.1
7	Moisture Content ⁽¹⁾	%	1.34
8	O ₂ Rate ⁽¹⁾ , dry basis	%	20.9
9	CO ₂ Rate ⁽¹⁾ , dry basis	%	< 1.0
10	Absolute Stack Pressure ⁽¹⁾	mm.Hg	756.8

Parameter	Unit	Method	Result		Standard			Analysis Date
			2311-AS0711		(Without Combustion)			
			S5 : Shot Blast 1 Stack		(A)		(B)	
Particulate ⁽²⁾	mg/Nm ³	Isokinetic, Gravimetric Method (US.EPA Method 5, Dec 07, 2020)	1.1	0.0001 (g/s)	30	0.0030 (g/s)	400	15-16/11/23

Remarks : S5 : Shot Blast 1 Stack = 47P 0731305 UTM 1438091

(1) Flue conditions

(2) The concentrations of air emissions and emission rate are based on the reference condition of 25 °C at 1 atm or 760 mm.Hg and dry basis

Standard (A) According to Specified Requirement Environmental Impact Assessment of Yamada Somboon Co., Ltd. (2021) (B.E. 2564)

(B) Notification of the Ministry of Industry (2006) (B.E. 2549) and Notification of the Ministry of Natural Resources and Environment (2006) (B.E. 2549)

Reviewed by

Ms. Wareerut Prachumdaeng

Chief of Laboratory

28/11/23



Approved by

Mrs. Pomtip Pethshee

Laboratory Manager

28/11/23

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Thai Environmental Technic Limited

บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

ORIGINAL

ต้นฉบับ

1/6 Soi Ramkhamhaeng 145, Khwaeng / Khet Saphansung, Bangkok 10240

E-mail : admin@tet1995.com

1/6 ซอยรามคำแหง 145 แขวงสะพานสูง เขตสะพานสูง กรุงเทพมหานคร 10240

Tel : 0-2373-7799 (Auto) Fax : 0-2373-7979

Page 4 of 14

TEST REPORT

Analysis No. : R23-3640/DIW
Received Date : 14/11/23
Customer : Technical Division of Thai Environmental Technic Limited
 For Yamada Somboon Co., Ltd.
 โครงการโรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)
Address : Siam Eastern Industrial Park 60/4, 42/12 Moo 3, Mabyangporn,
 Pluakdaeng Rayong 21140
Contact : Tel. (038) 891 187-9 Ext. 207 Fax. (038) 891 756

Report Date : 28/11/23
Analysis Date : 15-16/11/23
Job No. : S660129/Nov
Sampling By : Mr. Kiattisak Wandee
Registration Number : ว-236-จ-0012
Type of Sample : Stack

Sampling Conditions :

Item	Description	Unit	Result
			2311-AS0711
			S5 : Shot Blast 1 Stack
1	Sampling Date	-	13/11/23
2	Stack Diameter	m	Ø 0.15
3	Temperature ⁽¹⁾	°C	40
4	Stack Gas Velocity ⁽¹⁾	m/s	5.2
5	Flow Rate ⁽¹⁾	m ³ /s	0.1
6	Flow Rate ⁽²⁾	Nm ³ /s	0.1
7	Moisture Content ⁽¹⁾	%	1.34
8	O ₂ Rate ⁽¹⁾ , dry basis	%	20.9
9	CO ₂ Rate ⁽¹⁾ , dry basis	%	< 1.0
10	Absolute Stack Pressure ⁽¹⁾	mm.Hg	756.8

Parameter	Unit	Method	Result	Standard (Without Combustion)	Analysis Date
			2311-AS0711		
			S5 : Shot Blast 1 Stack		
Particulate ⁽²⁾	mg/Nm ³	Isokinetic, Gravimetric Method (US.EPA Method 5, Dec 07, 2020)	1.1	400	15-16/11/23

Remarks : S5 : Shot Blast 1 Stack = 47P 0731305 UTM 1438091

(1) Flue conditions

(2) The concentrations of air emissions and emission rate are based on the reference condition of 25 °C at 1 atm or 760 mm.Hg and dry basis

Standard : Notification of the Ministry of Industry (2006) (B.E. 2549)

Reviewed by

Ms. Wareerut Prachumdaeng
 Chief of Laboratory

ว-236-จ-0002

28.11.23



Approved by

Mrs. Porntip Pethshee
 Laboratory Manager

ว-236-จ-0003

28.11.23

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TEST REPORT

Analysis No. : R23-3640
Received Date : 14/11/23
Customer : Technical Division of Thai Environmental Technic Limited
For Yamada Somboon Co., Ltd.
โครงการโรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)
Address : Siam Eastern Industrial Park 60/4, 42/12 Moo 3, Mabyangporn,
Pluakdaeng Rayong 21140
Contact : Tel. (038) 891 187-9 Ext. 207 Fax. (038) 891 756

Report Date : 28/11/23
Analysis Date : 15-16/11/23
Job No. : S660129/Nov
Sampling By : TET
Type of Sample : Stack

Sampling Conditions :

Item	Description	Unit	Result	
			2311-AS0712	
			S6 : Shot Blast 2 Stack	
1	Sampling Date	-	13/11/23	
2	Stack Diameter	m	Ø 0.15	
3	Temperature ⁽¹⁾	°C	41	
4	Stack Gas Velocity ⁽¹⁾	m/s	5.0	
5	Flow Rate ⁽¹⁾	m ³ /s	0.1	
6	Flow Rate ⁽²⁾	Nm ³ /s	0.1	
7	Moisture Content ⁽¹⁾	%	1.34	
8	O ₂ Rate ⁽¹⁾ , dry basis	%	20.9	
9	CO ₂ Rate ⁽¹⁾ , dry basis	%	< 1.0	
10	Absolute Stack Pressure ⁽¹⁾	mm.Hg	756.9	

Parameter	Unit	Method	Result		Standard			Analysis Date
			2311-AS0712		(Without Combustion)			
			S6 : Shot Blast 2 Stack		(A)		(B)	
Particulate ⁽²⁾	mg/Nm ³	Isokinetic, Gravimetric Method (US.EPA Method 5, Dec 07, 2020)	2.5	0.0002 (g/s)	30	0.0030 (g/s)	400	15-16/11/23

Remarks : S6 : Shot Blast 2 Stack = 47P 0731308 UTM 1438091

(1) Flue conditions

(2) The concentrations of air emissions and emission rate are based on the reference condition of 25 °C at 1 atm or 760 mm.Hg and dry basis

Standard (A) According to Specified Requirement Environmental Impact Assessment of Yamada Somboon Co., Ltd. (2021) (B.E. 2564)

(B) Notification of the Ministry of Industry (2006) (B.E. 2549) and Notification of the Ministry of Natural Resources and Environment (2006) (B.E. 2549)

Reviewed by

Ms. Wareerut Prachumdaeng
Chief of Laboratory
W. P.



Approved by

Mrs. Pornpip Pethshee
Laboratory Manager
P. P.

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TEST REPORT

Analysis No. : R23-3640/DIW
Received Date : 14/11/23
Customer : Technical Division of Thai Environmental Technic Limited
For Yamada Somboon Co., Ltd.
โครงการโรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)
Address : Siam Eastern Industrial Park 60/4, 42/12 Moo 3, Mabyangporn,
Pluakdaeng Rayong 21140
Contact : Tel. (038) 891 187-9 Ext. 207 Fax. (038) 891 756

Report Date : 28/11/23
Analysis Date : 15-16/11/23
Job No. : S660129/Nov
Sampling By : Mr. Kiattisak Wandee
Registration Number : ว-236-จ-0012
Type of Sample : Stack

Sampling Conditions :

Item	Description	Unit	Result
			2311-AS0712
			S6 : Shot Blast 2 Stack
1	Sampling Date	-	13/11/23
2	Stack Diameter	m	Ø 0.15
3	Temperature ⁽¹⁾	°C	41
4	Stack Gas Velocity ⁽¹⁾	m/s	5.0
5	Flow Rate ⁽¹⁾	m ³ /s	0.1
6	Flow Rate ⁽²⁾	Nm ³ /s	0.1
7	Moisture Content ⁽¹⁾	%	1.34
8	O ₂ Rate ⁽¹⁾ , dry basis	%	20.9
9	CO ₂ Rate ⁽¹⁾ , dry basis	%	< 1.0
10	Absolute Stack Pressure ⁽¹⁾	mm.Hg	756.9

Parameter	Unit	Method	Result	Standard (Without Combustion)	Analysis Date
			2311-AS0712		
			S6 : Shot Blast 2 Stack		
Particulate ⁽²⁾	mg/Nm ³	Isokinetic, Gravimetric Method (US.EPA Method 5, Dec 07, 2020)	2.5	400	15-16/11/23

Remarks : S6 : Shot Blast 2 Stack = 47P 0731308 UTM 1438091

(1) Flue conditions

(2) The concentrations of air emissions and emission rate are based on the reference condition of 25 °C at 1 atm or 760 mm.Hg and dry basis

Standard : Notification of the Ministry of Industry (2006) (B.E. 2549)

Reviewed by

Ms. Wareerut Prachumdaeng
Chief of Laboratory

ว-236-ก-0002
28, 11, 23



Approved by

Mrs. Pomtip Pethshee
Laboratory Manager

ว-236-ก-0003
28, 11, 23

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TEST REPORT

Analysis No. : R23-3640
Received Date : 14/11/23
Customer : Technical Division of Thai Environmental Technic Limited
For Yamada Somboon Co., Ltd.
โครงการ โรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)

Report Date : 28/11/23
Analysis Date : 15-16/11/23
Job No. : S660129/Nov
Sampling By : TET
Type of Sample : Stack

Address : Siam Eastern Industrial Park 60/4, 42/12 Moo 3, Mabyangporn,
Pluakdaeng Rayong 21140

Contact : Tel. (038) 891 187-9 Ext. 207 Fax. (038) 891 756

Sampling Conditions :

Item	Description	Unit	Result	
			2311-AS0713	
			S7 : Shot Blast 3 Stack	
1	Sampling Date	-	13/11/23	
2	Stack Diameter	m	Ø 0.15	
3	Temperature ⁽¹⁾	°C	39	
4	Stack Gas Velocity ⁽¹⁾	m/s	5.2	
5	Flow Rate ⁽¹⁾	m ³ /s	0.1	
6	Flow Rate ⁽²⁾	Nm ³ /s	0.1	
7	Moisture Content ⁽¹⁾	%	1.21	
8	O ₂ Rate ⁽¹⁾ , dry basis	%	20.9	
9	CO ₂ Rate ⁽¹⁾ , dry basis	%	< 1.0	
10	Absolute Stack Pressure ⁽¹⁾	mm.Hg	756.9	

Parameter	Unit	Method	Result		Standard			Analysis Date
			2311-AS0713		(Without Combustion)			
			S7 : Shot Blast 3 Stack		(A)		(B)	
Particulate ⁽²⁾	mg/Nm ³	Isokinetic, Gravimetric Method (US.EPA Method 5, Dec 07, 2020)	1.5	0.0001 (g/s)	30	0.0030 (g/s)	400	15-16/11/23

Remarks : S7 : Shot Blast 3 Stack = 47P 0731310 UTM 1438090

(1) Flue conditions

(2) The concentrations of air emissions and emission rate are based on the reference condition of 25 °C at 1 atm or 760 mm.Hg and dry basis

Standard (A) According to Specified Requirement Environmental Impact Assessment of Yamada Somboon Co., Ltd. (2021) (B.E. 2564)

(B) Notification of the Ministry of Industry (2006) (B.E. 2549) and Notification of the Ministry of Natural Resources and Environment (2006) (B.E. 2549)

Reviewed by

Ms. Wareerut Prachumdaeng
Chief of Laboratory
28.11.23



Approved by

Mrs. Pomtip Pethshee
Laboratory Manager
28.11.23

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TEST REPORT

Analysis No. : R23-3640/DIW
Received Date : 14/11/23
Customer : Technical Division of Thai Environmental Technic Limited
For Yamada Somboon Co., Ltd.
โครงการโรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)
Address : Siam Eastern Industrial Park 60/4, 42/12 Moo 3, Mabyangporn,
Pluakdaeng Rayong 21140
Contact : Tel. (038) 891 187-9 Ext. 207 Fax. (038) 891 756

Report Date : 28/11/23
Analysis Date : 15-16/11/23
Job No. : S660129/Nov
Sampling By : Mr. Kiattisak Wandee
Registration Number : ๖-236-๖-0012
Type of Sample : Stack

Sampling Conditions :

Item	Description	Unit	Result
			2311-AS0713
			S7 : Shot Blast 3 Stack
1	Sampling Date	-	13/11/23
2	Stack Diameter	m	Ø 0.15
3	Temperature ⁽¹⁾	°C	39
4	Stack Gas Velocity ⁽¹⁾	m/s	5.2
5	Flow Rate ⁽¹⁾	m ³ /s	0.1
6	Flow Rate ⁽²⁾	Nm ³ /s	0.1
7	Moisture Content ⁽¹⁾	%	1.21
8	O ₂ Rate ⁽¹⁾ , dry basis	%	20.9
9	CO ₂ Rate ⁽¹⁾ , dry basis	%	< 1.0
10	Absolute Stack Pressure ⁽¹⁾	mm.Hg	756.9

Parameter	Unit	Method	Result	Standard (Without Combustion)	Analysis Date
			2311-AS0713		
			S7 : Shot Blast 3 Stack		
Particulate ⁽²⁾	mg/Nm ³	Isokinetic, Gravimetric Method (US.EPA Method 5, Dec 07, 2020)	1.5	400	15-16/11/23

Remarks : S7 : Shot Blast 3 Stack = 47P 0731310 UTM 1438090

(1) Flue conditions

(2) The concentrations of air emissions and emission rate are based on the reference condition of 25 °C at 1 atm or 760 mm.Hg and dry basis

Standard : Notification of the Ministry of Industry (2006) (B.E. 2549)

Reviewed by

Ms. Wareerut Prachumdaeng
Chief of Laboratory
๖-236-๖-0002
28.11.23



Approved by

Mrs. Pornpip Pethshee
Laboratory Manager
๖-236-๖-0003
28.11.23

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TEST REPORT

Analysis No. : R23-3640
Received Date : 14/11/23
Customer : Technical Division of Thai Environmental Technic Limited
For Yamada Somboon Co., Ltd.
โครงการโรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)
Address : Siam Eastern Industrial Park 60/4, 42/12 Moo 3, Mabyangporn,
Pluakdaeng Rayong 21140
Contact : Tel. (038) 891 187-9 Ext. 207 Fax. (038) 891 756
Sampling Conditions :

Report Date : 28/11/23
Analysis Date : 15-16/11/23
Job No. : S660129/Nov
Sampling By : TET
Type of Sample : Stack

Item	Description	Unit	Result	
			2311-AS0714	
			S8 : Shot Blast 4 Stack	
1	Sampling Date	-	13/11/23	
2	Stack Diameter	m	Ø 0.15	
3	Temperature ⁽¹⁾	°C	39	
4	Stack Gas Velocity ⁽¹⁾	m/s	5.0	
5	Flow Rate ⁽¹⁾	m ³ /s	0.1	
6	Flow Rate ⁽²⁾	Nm ³ /s	0.1	
7	Moisture Content ⁽¹⁾	%	2.10	
8	O ₂ Rate ⁽¹⁾ , dry basis	%	20.9	
9	CO ₂ Rate ⁽¹⁾ , dry basis	%	< 1.0	
10	Absolute Stack Pressure ⁽¹⁾	mm.Hg	756.9	

Parameter	Unit	Method	Result		Standard			Analysis Date
			2311-AS0714		(Without Combustion)			
			S8 : Shot Blast 4 Stack		(A)		(B)	
Particulate ⁽²⁾	mg/Nm ³	Isokinetic, Gravimetric Method (US.EPA Method 5, Dec 07, 2020)	1.5	0.0001 (g/s)	30	0.0030 (g/s)	400	15-16/11/23

Remarks : S8 : Shot Blast 4 Stack = 47P 0731313 UTM 1438090

(1) Flue conditions

(2) The concentrations of air emissions and emission rate are based on the reference condition of 25 °C at 1 atm or 760 mm.Hg and dry basis

Standard (A) According to Specified Requirement Environmental Impact Assessment of Yamada Somboon Co., Ltd. (2021) (B.E. 2564)

(B) Notification of the Ministry of Industry (2006) (B.E. 2549) and Notification of the Ministry of Natural Resources and Environment (2006) (B.E. 2549)

Reviewed by

Ms. Wareerut Prachundaeng
Chief of Laboratory
28/11/23



Approved by

Mrs. Pomtip Pethshee
Laboratory Manager
28/11/23

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TEST REPORT

Analysis No. : R23-3640/DIW
Received Date : 14/11/23
Customer : Technical Division of Thai Environmental Technic Limited
For Yamada Somboon Co., Ltd.
โครงการโรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)
Address : Siam Eastern Industrial Park 60/4, 42/12 Moo 3, Mabyangporn,
Pluakdaeng Rayong 21140
Contact : Tel. (038) 891 187-9 Ext. 207 Fax. (038) 891 756

Report Date : 28/11/23
Analysis Date : 15-16/11/23
Job No. : S660129/Nov
Sampling By : Mr. Kiattisak Wandee
Registration Number : ว-236-จ-0012
Type of Sample : Stack

Sampling Conditions :

Item	Description	Unit	Result
			2311-AS0714
			S8 : Shot Blast 4 Stack
1	Sampling Date	-	13/11/23
2	Stack Diameter	m	Ø 0.15
3	Temperature ⁽¹⁾	°C	39
4	Stack Gas Velocity ⁽¹⁾	m/s	5.0
5	Flow Rate ⁽¹⁾	m ³ /s	0.1
6	Flow Rate ⁽²⁾	Nm ³ /s	0.1
7	Moisture Content ⁽¹⁾	%	2.10
8	O ₂ Rate ⁽¹⁾ , dry basis	%	20.9
9	CO ₂ Rate ⁽¹⁾ , dry basis	%	< 1.0
10	Absolute Stack Pressure ⁽¹⁾	mm.Hg	756.9

Parameter	Unit	Method	Result	Standard (Without Combustion)	Analysis Date
			2311-AS0714		
			S9 : Shot Blast 4 Stack		
Particulate ⁽²⁾	mg/Nm ³	Isokinetic, Gravimetric Method (US.EPA Method 5, Dec 07, 2020)	1.5	400	15-16/11/23

Remarks : S8 : Shot Blast 4 Stack = 47P 0731313 UTM 1438090

(1) Flue conditions

(2) The concentrations of air emissions and emission rate are based on the reference condition of 25 °C at 1 atm or 760 mm.Hg and dry basis

Standard : Notification of the Ministry of Industry (2006) (B.E. 2549)

Reviewed by

Ms. Wareerut Prachumdaeng
Chief of Laboratory
ว-236-ท-0002
28/11/23



Approved by

Mrs. Pornpip Pethshee
Laboratory Manager
ว-236-ท-0003
28/11/23

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TEST REPORT

Analysis No. : R23-3640
Received Date : 14/11/23
Customer : Technical Division of Thai Environmental Technic Limited
For Yamada Somboon Co., Ltd.
โครงการโรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)
Address : Siam Eastern Industrial Park 60/4, 42/12 Moo 3, Mabyangporn,
Pluakdaeng Rayong 21140
Contact : Tel. (038) 891 187-9 Ext. 207 Fax. (038) 891 756

Report Date : 28/11/23
Analysis Date : 15-16/11/23
Job No. : S660129/Nov
Sampling By : TET
Type of Sample : Stack

Sampling Conditions :

Item	Description	Unit	Result	
			2311-AS0715	
			S9 : Shot Blast 5 Stack	
1	Sampling Date	-	13/11/23	
2	Stack Diameter	m	Ø 0.15	
3	Temperature ⁽¹⁾	°C	41	
4	Stack Gas Velocity ⁽¹⁾	m/s	5.1	
5	Flow Rate ⁽¹⁾	m ³ /s	0.1	
6	Flow Rate ⁽²⁾	Nm ³ /s	0.1	
7	Moisture Content ⁽¹⁾	%	1.51	
8	O ₂ Rate ⁽¹⁾ , dry basis	%	20.9	
9	CO ₂ Rate ⁽¹⁾ , dry basis	%	< 1.0	
10	Absolute Stack Pressure ⁽¹⁾	mm.Hg	756.9	

Parameter	Unit	Method	Result		Standard			Analysis Date
			2311-AS0715		(Without Combustion)			
			S9 : Shot Blast 5 Stack		(A)		(B)	
Particulate ⁽²⁾	mg/Nm ³	Isokinetic, Gravimetric Method (US.EPA Method 5, Dec 07, 2020)	2.6	0.0002 (g/s)	30	0.0030 (g/s)	400	15-16/11/23

Remarks : S9 : Shot Blast 5 Stack = 47P 0731315 UTM 1438090

(1) Flue conditions

(2) The concentrations of air emissions and emission rate are based on the reference condition of 25 °C at 1 atm or 760 mm.Hg and dry basis

Standard (A) According to Specified Requirement Environmental Impact Assessment of Yamada Somboon Co., Ltd. (2021) (B.E. 2564)

(B) Notification of the Ministry of Industry (2006) (B.E. 2549) and Notification of the Ministry of Natural Resources and Environment (2006) (B.E. 2549)

Reviewed by

Ms. Wareerut Prachumdaeng

Chief of Laboratory

28/11/23



Approved by

Mrs. Pomtip Pethshee

Laboratory Manager

28/11/23



Thai Environmental Technic Limited

บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

ORIGINAL

ต้นฉบับ

1/6 Soi Ramkhamhaeng 145, Khwaeng / Khet Saphansung, Bangkok 10240

E-mail : admin@tet1995.com

1/6 ซอยรามคำแหง 145 แขวงสะพานสูง เขตสะพานสูง กรุงเทพมหานคร 10240

Tel : 0-2373-7799 (Auto) Fax : 0-2373-7979

Page 8 of 14

TEST REPORT

Analysis No. : R23-3640/DIW
Received Date : 14/11/23
Customer : Technical Division of Thai Environmental Technic Limited
 For Yamada Somboon Co., Ltd.
 โครงการโรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)
Address : Siam Eastern Industrial Park 60/4, 42/12 Moo 3, Mabyangporn,
 Pluakdaeng Rayong 21140
Contact : Tel. (038) 891 187-9 Ext. 207 Fax. (038) 891 756

Report Date : 28/11/23
Analysis Date : 15-16/11/23
Job No. : S660129/Nov
Sampling By : Mr. Kiattisak Wandee
Registration Number : ว-236-จ-0012
Type of Sample : Stack

Sampling Conditions :

Item	Description	Unit	Result
			2311-AS0715
			S9 : Shot Blast 5 Stack
1	Sampling Date	-	13/11/23
2	Stack Diameter	m	Ø 0.15
3	Temperature ⁽¹⁾	°C	41
4	Stack Gas Velocity ⁽¹⁾	m/s	5.1
5	Flow Rate ⁽¹⁾	m ³ /s	0.1
6	Flow Rate ⁽²⁾	Nm ³ /s	0.1
7	Moisture Content ⁽¹⁾	%	1.51
8	O ₂ Rate ⁽¹⁾ , dry basis	%	20.9
9	CO ₂ Rate ⁽¹⁾ , dry basis	%	< 1.0
10	Absolute Stack Pressure ⁽¹⁾	mm.Hg	756.9

Parameter	Unit	Method	Result	Standard (Without Combustion)	Analysis Date
			2311-AS0715		
			S9 : Shot Blast 5 Stack		
Particulate ⁽²⁾	mg/Nm ³	Isokinetic, Gravimetric Method (US.EPA Method 5, Dec 07, 2020)	2.6	400	15-16/11/23

Remarks : S9 : Shot Blast 5 Stack = 47P 0731315 UTM 1438090

(1) Flue conditions

(2) The concentrations of air emissions and emission rate are based on the reference condition of 25 °C at 1 atm or 760 mm.Hg and dry basis

Standard : Notification of the Ministry of Industry (2006) (B.E. 2549)

Reviewed by

Ms. Wareerut Prachumdaeng
 Chief of Laboratory
 ว-236-จ-0002
 28/11/23



Approved by

Mrs. Porntip Pethshee
 Laboratory Manager
 ว-236-จ-0003
 28/11/23

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TEST REPORT

Analysis No. : R23-3640
Received Date : 17/11/23
Customer : Technical Division of Thai Environmental Technic Limited
For Yamada Somboon Co., Ltd.
โครงการ โรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)
Address : Siam Eastern Industrial Park 60/4, 42/12 Moo 3, Mabyangporn,
Pluakdaeng Rayong 21140
Contact : Tel. (038) 891 187-9 Ext. 207 Fax. (038) 891 756

Report Date : 28/11/23
Analysis Date : 15-20/11/23
Job No. : S660129/Nov
Sampling By : TET
Type of Sample : Stack

Sampling Conditions :

Item	Description	Unit	Result
			2311-AS0821
			S10 : Sintering Stack 1 (หน้าเครื่อง)
1	Sampling Date	-	15/11/23
2	Stack Diameter	m	Ø 0.30
3	Temperature ⁽¹⁾	°C	63
4	Stack Gas Velocity ⁽¹⁾	m/s	8.5
5	Flow Rate ⁽¹⁾	m ³ /s	0.6
6	Flow Rate ⁽²⁾	Nm ³ /s	0.5
7	Moisture Content ⁽¹⁾	%	2.11
8	O ₂ Rate ⁽¹⁾ , dry basis	%	19.2
9	CO ₂ Rate ⁽¹⁾ , dry basis	%	< 1.0
10	Absolute Stack Pressure ⁽¹⁾	mm.Hg	756.7

Parameter	Unit	Method	Result		Standard			Analysis
			2311-AS0821		(With Combustion)			
			S10 : Sintering Stack 1 (หน้าเครื่อง)		(A)		(B)	Date
Particulate ⁽²⁾	mg/Nm ³	Isokinetic, Gravimetric Method (US.EPA Method 5, Dec 07, 2020)	0.4	0.0002 (g/s)	18	0.0150 (g/s)	240	17-20/11/23
NO _x as NO ₂ ⁽²⁾	ppm	Instrument Analyzer Method (US.EPA Method 7E, Oct 07, 2020)	3.50	0.0034 (g/s)	6	0.0056 (g/s)	200	15/11/23
SO ₂ ⁽²⁾	ppm	Instrument Analyzer Method (US.EPA Method 6C, Aug 2, 2017)	< 0.10	< 0.0001 (g/s)	5	0.0065 (g/s)	60	15/11/23
CO ⁽²⁾	ppm	NDIR Method (US.EPA Method 10, Aug 02, 2017)	3	-	-	-	690	15/11/23

Remarks : S10 : Sintering Stack 1 (หน้าเครื่อง) = 47P 0731235 UTM 1438089

(1) Flue conditions

(2) The concentrations of air emissions and emission rate are based on the reference condition of 25 °C at 1 atm or 760 mm.Hg and dry basis, (open system)

Standard (A) According to Specified Requirement Environmental Impact Assessment of Yamada Somboon Co., Ltd. (2021) (B.E. 2564)

(B) Notification of the Ministry of Industry (2006) (B.E. 2549) and Notification of the Ministry of Natural Resources and Environment (2006) (B.E. 2549)

Source : NGV

Reviewed by

Ms. Wareerut Prachumdaeng
Chief of Laboratory
ว.ร.น.ร.



Approved by

Mrs. Pornpip Pethshee
Laboratory Manager
ป.น.ป.

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TEST REPORT

Analysis No. : R23-3640/DIW
Received Date : 17/11/23
Customer : Technical Division of Thai Environmental Technic Limited
For Yamada Somboon Co., Ltd.
โครงการโรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)
Address : Siam Eastern Industrial Park 60/4, 42/12 Moo 3, Mabyangporn,
Pluakdaeng Rayong 21140
Contact : Tel. (038) 891 187-9 Ext. 207 Fax. (038) 891 756

Report Date : 28/11/23
Analysis Date : 15-20/11/23
Job No. : S660129/Nov
Sampling By : Mr. Kiattisak Wandee
Registration Number : ว-236-จ-0012
Type of Sample : Stack

Sampling Conditions :

Item	Description	Unit	Result
			2311-AS0821
			S10 : Sintering Stack 1 (หน้าเครื่อง)
1	Sampling Date	-	15/11/23
2	Stack Diameter	m	Ø 0.30
3	Temperature ⁽¹⁾	°C	63
4	Stack Gas Velocity ⁽¹⁾	m/s	8.5
5	Flow Rate ⁽¹⁾	m ³ /s	0.6
6	Flow Rate ⁽²⁾	Nm ³ /s	0.5
7	Moisture Content ⁽¹⁾	%	2.11
8	O ₂ Rate ⁽¹⁾ , dry basis	%	19.2
9	CO ₂ Rate ⁽¹⁾ , dry basis	%	< 1.0
10	Absolute Stack Pressure ⁽¹⁾	mm.Hg	756.7

Parameter	Unit	Method	Result	Standard (With Combustion)	Analysis Date
			2311-AS0821		
			S10 : Sintering Stack 1 (หน้าเครื่อง)		
Particulate ⁽²⁾	mg/Nm ³	Isokinetic, Gravimetric Method (US.EPA Method 5, Dec 07, 2020)	0.4	240	17-20/11/23
NO _x as NO ₂ ⁽²⁾	ppm	Instrument Analyzer Method (US.EPA Method 7E, Oct 07, 2020)	3.50	200	15/11/23
SO ₂ ⁽²⁾	ppm	Instrument Analyzer Method (US.EPA Method 6C, Aug 2, 2017)	< 0.10	60	15/11/23
CO ⁽²⁾	ppm	NDIR Method (US.EPA Method 10, Aug 02, 2017)	3	690	15/11/23

Remarks : S10 : Sintering Stack 1 (หน้าเครื่อง) = 47P 0731235 UTM 1438089

(1) Flue conditions

(2) The concentrations of air emissions and emission rate are based on the reference condition of 25 °C at 1 atm or 760 mm.Hg and dry basis, (open system)

Standard : Notification of the Ministry of Industry (2006) (B.E. 2549)

Source : NGV

Reviewed by

Ms. Wareerut Prachumdaeng
Chief of Laboratory
ว-236-ก-0002
28/11/23



Approved by

Mrs. Pornpip Pethshee
Laboratory Manager
ว-236-ก-0003
28/11/23

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TEST REPORT

Analysis No. : R23-3640
Received Date : 17/11/23
Customer : Technical Division of Thai Environmental Technic Limited
For Yamada Somboon Co., Ltd.
โครงการโรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)
Address : Siam Eastern Industrial Park 60/4, 42/12 Moo 3, Mabyangporn,
Pluakdaeng Rayong 21140
Contact : Tel. (038) 891 187-9 Ext. 207 Fax. (038) 891 756

Report Date : 28/11/23
Analysis Date : 15-20/11/23
Job No. : S660129/Nov
Sampling By : TET
Type of Sample : Stack

Sampling Conditions :

Item	Description	Unit	Result	
			2311-AS0822	
			S11 : Sintering Stack 1 (ท้ายเครื่อง)	
1	Sampling Date	-	15/11/23	
2	Stack Diameter	m	Ø 0.30	
3	Temperature ⁽¹⁾	°C	61	
4	Stack Gas Velocity ⁽¹⁾	m/s	8.2	
5	Flow Rate ⁽¹⁾	m ³ /s	0.6	
6	Flow Rate ⁽²⁾	Nm ³ /s	0.5	
7	Moisture Content ⁽¹⁾	%	1.83	
8	O ₂ Rate ⁽¹⁾ , dry basis	%	19.5	
9	CO ₂ Rate ⁽¹⁾ , dry basis	%	< 1.0	
10	Absolute Stack Pressure ⁽¹⁾	mm.Hg	756.7	

Parameter	Unit	Method	Result		Standard			Analysis Date
			2311-AS0822		(With Combustion)			
			S11 : Sintering Stack 1 (ท้ายเครื่อง)		(A)		(B)	
Particulate ⁽²⁾	mg/Nm ³	Isokinetic, Gravimetric Method (US.EPA Method 5, Dec 07, 2020)	0.8	0.0004 (g/s)	18	0.0150 (g/s)	240	17-20/11/23
NO _x as NO ₂ ⁽²⁾	ppm	Instrument Analyzer Method (US.EPA Method 7E, Oct 07, 2020)	2.80	0.0027 (g/s)	6	0.0056 (g/s)	200	15/11/23
SO ₂ ⁽²⁾	ppm	Instrument Analyzer Method (US.EPA Method 6C, Aug 2, 2017)	< 0.10	< 0.0001 (g/s)	5	0.0065 (g/s)	60	15/11/23
CO ⁽²⁾	ppm	NDIR Method (US.EPA Method 10, Aug 02, 2017)	1	-	-	-	690	15/11/23

Remarks : S11 : Sintering Stack 1 (ท้ายเครื่อง) = 47P 0731241 UTM 1438105

(1) Flue conditions

(2) The concentrations of air emissions and emission rate are based on the reference condition of 25 °C at 1 atm or 760 mm.Hg and dry basis, (open system)

Standard (A) According to Specified Requirement Environmental Impact Assessment of Yamada Somboon Co., Ltd. (2021) (B.E. 2564)

(B) Notification of the Ministry of Industry (2006) (B.E. 2549) and Notification of the Ministry of Natural Resources and Environment (2006) (B.E. 2549)

Source : NGV

Reviewed by

Ms. Wareerut Prachumdaeng
Chief of Laboratory
18.11.23



Approved by

Mrs. Pornpip Pethshee
Laboratory Manager
18.11.23

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TEST REPORT

Analysis No. : R23-3640/DIW
Received Date : 17/11/23
Customer : Technical Division of Thai Environmental Technic Limited
For Yamada Somboon Co., Ltd.
โครงการโรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)
Address : Siam Eastern Industrial Park 60/4, 42/12 Moo 3, Mabyangporn,
Pluakdaeng Rayong 21140
Contact : Tel. (038) 891 187-9 Ext. 207 Fax. (038) 891 756

Report Date : 28/11/23
Analysis Date : 15-20/11/23
Job No. : S660129/Nov
Sampling By : Mr. Kiattisak Wandee
Registration Number : ๖-236-จ-0012
Type of Sample : Stack

Sampling Conditions :

Item	Description	Unit	Result
			2311-AS0822
			S11 : Sintering Stack 1 (ท้ายเครื่อง)
1	Sampling Date	-	15/11/23
2	Stack Diameter	m	Ø 0.30
3	Temperature ⁽¹⁾	°C	61
4	Stack Gas Velocity ⁽¹⁾	m/s	8.2
5	Flow Rate ⁽¹⁾	m ³ /s	0.6
6	Flow Rate ⁽²⁾	Nm ³ /s	0.5
7	Moisture Content ⁽¹⁾	%	1.83
8	O ₂ Rate ⁽¹⁾ , dry basis	%	19.5
9	CO ₂ Rate ⁽¹⁾ , dry basis	%	< 1.0
10	Absolute Stack Pressure ⁽¹⁾	mm.Hg	756.7

Parameter	Unit	Method	Result	Standard (With Combustion)	Analysis Date
			2311-AS0822		
			S11 : Sintering Stack 1 (ท้ายเครื่อง)		
Particulate ⁽²⁾	mg/Nm ³	Isokinetic, Gravimetric Method (US.EPA Method 5, Dec 07, 2020)	0.8	240	17-20/11/23
NO _x as NO ₂ ⁽²⁾	ppm	Instrument Analyzer Method (US.EPA Method 7E, Oct 07, 2020)	2.80	200	15/11/23
SO ₂ ⁽²⁾	ppm	Instrument Analyzer Method (US.EPA Method 6C, Aug 2, 2017)	< 0.10	60	15/11/23
CO ⁽²⁾	ppm	NDIR Method (US.EPA Method 10, Aug 02, 2017)	1	690	15/11/23

Remarks : S11 : Sintering Stack 1 (ท้ายเครื่อง) = 47P 0731241 UTM 1438105

(1) Flue conditions

(2) The concentrations of air emissions and emission rate are based on the reference condition of 25 °C at 1 atm or 760 mm.Hg and dry basis, (open system)

Standard : Notification of the Ministry of Industry (2006) (B.E. 2549)

Source : NGV

Reviewed by

Ms. Wareerut Prachumdaeng
Chief of Laboratory
๖-236-จ-0002
๒๘.๑๑.๒๓



Approved by

Mrs. Pomtip Pethshee
Laboratory Manager
๖-236-จ-0003
๒๘.๑๑.๒๓

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TEST REPORT

Analysis No. : R23-3640
Received Date : 17/11/23
Customer : Technical Division of Thai Environmental Technic Limited
For Yamada Somboon Co., Ltd.
โครงการโรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)
Address : Siam Eastern Industrial Park 60/4, 42/12 Moo 3, Mabyangporn,
Pluakdaeng Rayong 21140
Contact : Tel. (038) 891 187-9 Ext. 207 Fax. (038) 891 756

Report Date : 28/11/23
Analysis Date : 15-20/11/23
Job No. : S660129/Nov
Sampling By : TET
Type of Sample : Stack

Sampling Conditions :

Item	Description	Unit	Result	
			2311-AS0823	
			S12 : Sintering Stack 2 (หน้าเครื่อง)	
1	Sampling Date	-	15/11/23	
2	Stack Diameter	m	Ø 0.30	
3	Temperature ⁽¹⁾	°C	66	
4	Stack Gas Velocity ⁽¹⁾	m/s	8.0	
5	Flow Rate ⁽¹⁾	m ³ /s	0.6	
6	Flow Rate ⁽²⁾	Nm ³ /s	0.5	
7	Moisture Content ⁽¹⁾	%	1.94	
8	O ₂ Rate ⁽¹⁾ , dry basis	%	18.4	
9	CO ₂ Rate ⁽¹⁾ , dry basis	%	1.2	
10	Absolute Stack Pressure ⁽¹⁾	mm.Hg	756.7	

Parameter	Unit	Method	Result		Standard			Analysis Date
			2311-AS0823		(With Combustion)			
			S12 : Sintering Stack 2 (หน้าเครื่อง)		(A)		(B)	
Particulate ⁽²⁾	mg/Nm ³	Isokinetic, Gravimetric Method (US.EPA Method 5, Dec 07, 2020)	0.6	0.0003 (g/s)	18	0.0150 (g/s)	240	17-20/11/23
NO _x as NO ₂ ⁽²⁾	ppm	Instrument Analyzer Method (US.EPA Method 7E, Oct 07, 2020)	1.00	0.0009 (g/s)	6	0.0056 (g/s)	200	15/11/23
SO ₂ ⁽²⁾	ppm	Instrument Analyzer Method (US.EPA Method 6C, Aug 2, 2017)	< 0.10	< 0.0001 (g/s)	5	0.0065 (g/s)	60	15/11/23
CO ⁽²⁾	ppm	NDIR Method (US.EPA Method 10, Aug 02, 2017)	2	-	-	-	690	15/11/23

Remarks : S12 : Sintering Stack 2 (หน้าเครื่อง) = 47P 0731230 UTM 1438089

(1) Flue conditions

(2) The concentrations of air emissions and emission rate are based on the reference condition of 25 °C at 1 atm or 760 mm.Hg and dry basis, (open system)

Standard (A) According to Specified Requirement Environmental Impact Assessment of Yamada Somboon Co., Ltd. (2021) (B.E. 2564)

(B) Notification of the Ministry of Industry (2006) (B.E. 2549) and Notification of the Ministry of Natural Resources and Environment (2006) (B.E. 2549)

Source : NGV

Reviewed by

Ms. Wareerut Prachumdaeng
Chief of Laboratory
28/11/23



Approved by

Mrs. Pomtip Pethshee
Laboratory Manager
28/11/23

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TEST REPORT

Analysis No. : R23-3640/DIW
Received Date : 17/11/23
Customer : Technical Division of Thai Environmental Technic Limited
For Yamada Somboon Co., Ltd.
โครงการโรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)
Address : Siam Eastern Industrial Park 60/4, 42/12 Moo 3, Mabyangporn,
Pluakdaeng Rayong 21140
Contact : Tel. (038) 891 187-9 Ext. 207 Fax. (038) 891 756

Report Date : 28/11/23
Analysis Date : 15-20/11/23
Job No. : S660129/Nov
Sampling By : Mr. Kiattisak Wandee
Registration Number : ว-236-จ-0012
Type of Sample : Stack

Sampling Conditions :

Item	Description	Unit	Result
			2311-AS0823
			S12 : Sintering Stack 2 (หน้าเครื่อง)
1	Sampling Date	-	15/11/23
2	Stack Diameter	m	Ø 0.30
3	Temperature ⁽¹⁾	°C	66
4	Stack Gas Velocity ⁽¹⁾	m/s	8.0
5	Flow Rate ⁽¹⁾	m ³ /s	0.6
6	Flow Rate ⁽²⁾	Nm ³ /s	0.5
7	Moisture Content ⁽¹⁾	%	1.94
8	O ₂ Rate ⁽¹⁾ , dry basis	%	18.4
9	CO ₂ Rate ⁽¹⁾ , dry basis	%	1.2
10	Absolute Stack Pressure ⁽¹⁾	mm.Hg	756.7

Parameter	Unit	Method	Result	Standard (With Combustion)	Analysis Date
			2311-AS0823		
			S12 : Sintering Stack 2 (หน้าเครื่อง)		
Particulate ⁽²⁾	mg/Nm ³	Isokinetic, Gravimetric Method (US.EPA Method 5, Dec 07, 2020)	0.6	240	17-20/11/23
NO _x as NO ₂ ⁽²⁾	ppm	Instrument Analyzer Method (US.EPA Method 7E, Oct 07, 2020)	1.00	200	15/11/23
SO ₂ ⁽²⁾	ppm	Instrument Analyzer Method (US.EPA Method 6C, Aug 2, 2017)	< 0.10	60	15/11/23
CO ⁽²⁾	ppm	NDIR Method (US.EPA Method 10, Aug 02, 2017)	2	690	15/11/23

Remarks : S12 : Sintering Stack 2 (หน้าเครื่อง) = 47P 0731230 UTM 1438089

(1) Flue conditions

(2) The concentrations of air emissions and emission rate are based on the reference condition of 25 °C at 1 atm or 760 mm.Hg and dry basis, (open system)

Standard : Notification of the Ministry of Industry (2006) (B.E. 2549)

Source : NGV

Reviewed by

Ms. Wareerut Prachumdaeng
Chief of Laboratory

ว-236-ก-0002
28/11/23



Approved by

Mrs. Pornpip Pethshee
Laboratory Manager

ว-236-ก-0003
28/11/23

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TEST REPORT

Analysis No. : R23-3640
Received Date : 17/11/23
Customer : Technical Division of Thai Environmental Technic Limited
For Yamada Somboon Co., Ltd.
โครงการโรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)
Address : Siam Eastern Industrial Park 60/4, 42/12 Moo 3, Mabyangporn,
Pluakdaeng Rayong 21140
Contact : Tel. (038) 891 187-9 Ext. 207 Fax. (038) 891 756

Report Date : 28/11/23
Analysis Date : 15-20/11/23
Job No. : S660129/Nov
Sampling By : TET
Type of Sample : Stack

Sampling Conditions :

Item	Description	Unit	Result
			2311-AS0824
			S13 : Sintering Stack 2 (ท้ายเครื่อง)
1	Sampling Date	-	15/11/23
2	Stack Diameter	m	Ø 0.30
3	Temperature ⁽¹⁾	°C	59
4	Stack Gas Velocity ⁽¹⁾	m/s	7.8
5	Flow Rate ⁽¹⁾	m ³ /s	0.6
6	Flow Rate ⁽²⁾	Nm ³ /s	0.5
7	Moisture Content ⁽¹⁾	%	1.66
8	O ₂ Rate ⁽¹⁾ , dry basis	%	18.8
9	CO ₂ Rate ⁽¹⁾ , dry basis	%	1.0
10	Absolute Stack Pressure ⁽¹⁾	mm.Hg	756.7

Parameter	Unit	Method	Result		Standard			Analysis
			2311-AS0824		(With Combustion)			
			S13 : Sintering Stack 2 (ท้ายเครื่อง)		(A)		(B)	Date
Particulate ⁽²⁾	mg/Nm ³	Isokinetic, Gravimetric Method (US.EPA Method 5, Dec 07, 2020)	1.1	0.0005 (g/s)	18	0.0150 (g/s)	240	17-20/11/23
NO _x as NO ₂ ⁽²⁾	ppm	Instrument Analyzer Method (US.EPA Method 7E, Oct 07, 2020)	2.00	0.0018 (g/s)	6	0.0056 (g/s)	200	15/11/23
SO ₂ ⁽²⁾	ppm	Instrument Analyzer Method (US.EPA Method 6C, Aug 2, 2017)	< 0.10	< 0.0001 (g/s)	5	0.0065 (g/s)	60	15/11/23
CO ⁽²⁾	ppm	NDIR Method (US.EPA Method 10, Aug 02, 2017)	3	-	-	-	690	15/11/23

Remarks : S13 : Sintering Stack 2 (ท้ายเครื่อง) = 47P 0731235 UTM 1438102

(1) Flue conditions

(2) The concentrations of air emissions and emission rate are based on the reference condition of 25 °C at 1 atm or 760 mm.Hg and dry basis, (open system)

Standard (A) According to Specified Requirement Environmental Impact Assessment of Yamada Somboon Co., Ltd. (2021) (B.E. 2564)

(B) Notification of the Ministry of Industry (2006) (B.E. 2549) and Notification of the Ministry of Natural Resources and Environment (2006) (B.E. 2549)

Source : NGV

Reviewed by

Ms. Wareerut Prachumdaeng

Chief of Laboratory

.....



Approved by

Mrs. Porntip Pethshee

Laboratory Manager

.....

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TEST REPORT

Analysis No. : R23-3640/DIW
Received Date : 17/11/23
Customer : Technical Division of Thai Environmental Technic Limited
For Yamada Somboon Co., Ltd.
โครงการโรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)
Address : Siam Eastern Industrial Park 60/4, 42/12 Moo 3, Mabyangporn,
Pluakdaeng Rayong 21140
Contact : Tel. (038) 891 187-9 Ext. 207 Fax. (038) 891 756

Report Date : 28/11/23
Analysis Date : 15-20/11/23
Job No. : S660129/Nov
Sampling By : Mr. Kiattisak Wandee
Registration Number : จ-236-จ-0012
Type of Sample : Stack

Sampling Conditions :

Item	Description	Unit	Result
			2311-AS0824
			S13 : Sintering Stack 2 (ท้ายเครื่อง)
1	Sampling Date	-	15/11/23
2	Stack Diameter	m	Ø 0.30
3	Temperature ⁽¹⁾	°C	59
4	Stack Gas Velocity ⁽¹⁾	m/s	7.8
5	Flow Rate ⁽¹⁾	m ³ /s	0.6
6	Flow Rate ⁽²⁾	Nm ³ /s	0.5
7	Moisture Content ⁽¹⁾	%	1.66
8	O ₂ Rate ⁽¹⁾ , dry basis	%	18.8
9	CO ₂ Rate ⁽¹⁾ , dry basis	%	1.0
10	Absolute Stack Pressure ⁽¹⁾	mm.Hg	756.7

Parameter	Unit	Method	Result	Standard (With Combustion)	Analysis Date
			2311-AS0824		
			S13 : Sintering Stack 2 (ท้ายเครื่อง)		
Particulate ⁽²⁾	mg/Nm ³	Isokinetic, Gravimetric Method (US.EPA Method 5, Dec 07, 2020)	1.1	240	17-20/11/23
NO _x as NO ₂ ⁽²⁾	ppm	Instrument Analyzer Method (US.EPA Method 7E, Oct 07, 2020)	2.00	200	15/11/23
SO ₂ ⁽²⁾	ppm	Instrument Analyzer Method (US.EPA Method 6C, Aug 2, 2017)	< 0.10	60	15/11/23
CO ⁽²⁾	ppm	NDIR Method (US.EPA Method 10, Aug 02, 2017)	3	690	15/11/23

Remarks : S13 : Sintering Stack 2 (ท้ายเครื่อง) = 47P 0731235 UTM 1438102

(1) Flue conditions

(2) The concentrations of air emissions and emission rate are based on the reference condition of 25 °C at 1 atm or 760 mm.Hg and dry basis, (open system)

Standard : Notification of the Ministry of Industry (2006) (B.E. 2549)

Source : NGV

Reviewed by

Ms. Wareerut Prachumdaeng
Chief of Laboratory
จ-236-ก-0002
28/11/23



Approved by

Mrs. Pornpip Pethshee
Laboratory Manager
จ-236-ก-0003
28/11/23

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TEST REPORT

Analysis No. : R23-3640
Received Date : 15/11/23
Customer : Technical Division of Thai Environmental Technic Limited
For Yamada Somboon Co., Ltd.
โครงการโรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)
Address : Siam Eastern Industrial Park 60/4, 42/12 Moo 3, Mabyangporn,
Pluakdaeng Rayong 21140
Contact : Tel. (038) 891 187-9 Ext. 207 Fax. (038) 891 756

Report Date : 28/11/23
Analysis Date : 14-16/11/23
Job No. : S660129/Nov
Sampling By : TET
Type of Sample : Stack

Sampling Conditions :

Item	Description	Unit	Result	
			2311-AS0749	
			S14 : Boiler Stack 1	
1	Sampling Date	-	14/11/23	
2	Stack Diameter	m	Ø 0.12	
3	Temperature ⁽¹⁾	°C	112	
4	Stack Gas Velocity ⁽¹⁾	m/s	6.3	
5	Flow Rate ⁽¹⁾	m ³ /s	0.1	
6	Flow Rate ⁽²⁾	Nm ³ /s	0.1	
7	Moisture Content ⁽¹⁾	%	3.77	
8	O ₂ Rate ⁽¹⁾ , dry basis	%	9.8	
9	CO ₂ Rate ⁽¹⁾ , dry basis	%	7.9	
10	Absolute Stack Pressure ⁽¹⁾	mm.Hg	756.7	

Parameter	Unit	Method	Result		Standard			Analysis Date
			2311-AS0749		(With Combustion)			
			S14 : Boiler Stack 1		(A)		(B)	
Particulate ⁽²⁾	mg/Nm ³	Isokinetic, Gravimetric Method (US.EPA Method 5, Dec 07, 2020)	0.5	0.00003 (g/s)	20	0.0001 (g/s)	320	15-16/11/23
NO _x as NO ₂ ⁽²⁾	ppm	Instrument Analyzer Method (US.EPA Method 7E, Oct 07, 2020)	2.00	0.0002 (g/s)	20	0.0002 (g/s)	200	14/11/23
SO ₂ ⁽²⁾	ppm	Instrument Analyzer Method (US.EPA Method 6C, Aug 2, 2017)	< 0.10	< 0.00001 (g/s)	5	0.0001 (g/s)	60	14/11/23
CO ⁽²⁾	ppm	NDIR Method (US.EPA Method 10, Aug 02, 2017)	66	-	-	-	690	14/11/23

Remarks : S14 : Boiler Stack 1 = 47P 0731250 UTM 1438092

(1) Flue conditions

(2) The concentrations of air emissions and emission rate are based on the reference condition of 25 °C at 1 atm or 760 mm.Hg and dry basis, (close system)

Standard (A) According to Specified Requirement Environmental Impact Assessment of Yamada Somboon Co., Ltd. (2021) (B.E. 2564)

(B) Notification of the Ministry of Industry (2006) (B.E. 2549) and Notification of the Ministry of Natural Resources and Environment (2006) (B.E. 2549)

Source : NGV

Reviewed by

Ms. Wareerut Prachumdaeng
Chief of Laboratory

28/11/23



Approved by

Mrs. Pornpip Pethshee
Laboratory Manager

28/11/23

● REPORTED RESULTS REFER TO SUBMITTED SAMPLE(S) ONLY

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TEST REPORT

Analysis No. : R23-3640/DIW
Received Date : 15/11/23
Customer : Technical Division of Thai Environmental Technic Limited
For Yamada Somboon Co., Ltd.
โครงการโรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)
Address : Siam Eastern Industrial Park 60/4, 42/12 Moo 3, Mabyangporn,
Pluakdaeng Rayong 21140
Contact : Tel. (038) 891 187-9 Ext. 207 Fax. (038) 891 756

Report Date : 28/11/23
Analysis Date : 14-16/11/23
Job No. : S660129/Nov
Sampling By : Mr. Kiattisak Wandee
Registration Number : ว-236-จ-0012
Type of Sample : Stack

Sampling Conditions :

Item	Description	Unit	Result
			2311-AS0749
			S14 : Boiler Stack 1
1	Sampling Date	-	14/11/23
2	Stack Diameter	m	Ø 0.12
3	Temperature ⁽¹⁾	°C	112
4	Stack Gas Velocity ⁽¹⁾	m/s	6.3
5	Flow Rate ⁽¹⁾	m ³ /s	0.1
6	Flow Rate ⁽²⁾	Nm ³ /s	0.1
7	Moisture Content ⁽¹⁾	%	3.77
8	O ₂ Rate ⁽¹⁾ , dry basis	%	9.8
9	CO ₂ Rate ⁽¹⁾ , dry basis	%	7.9
10	Absolute Stack Pressure ⁽¹⁾	mm.Hg	756.7

Parameter	Unit	Method	Result	Standard (With Combustion)	Analysis Date
			2311-AS0749		
			S14 : Boiler Stack 1		
Particulate ⁽²⁾	mg/Nm ³	Isokinetic, Gravimetric Method (US.EPA Method 5, Dec 07, 2020)	0.5	320	15-16/11/23
NO _x as NO ₂ ⁽²⁾	ppm	Instrument Analyzer Method (US.EPA Method 7E, Oct 07, 2020)	2.00	200	14/11/23
SO ₂ ⁽²⁾	ppm	Instrument Analyzer Method (US.EPA Method 6C, Aug 2, 2017)	< 0.10	60	14/11/23
CO ⁽²⁾	ppm	NDIR Method (US.EPA Method 10, Aug 02, 2017)	66	690	14/11/23

Remarks : S14 : Boiler Stack 1 = 47P 0731250 UTM 1438092

(1) Flue conditions

(2) The concentrations of air emissions and emission rate are based on the reference condition of 25 °C at 1 atm or 760 mm.Hg and dry basis, (close system)

Standard : Notification of the Ministry of Industry (2006) (B.E. 2549)

Source : NGV

Reviewed by

Ms. Wareerut Prachumdaeng
Chief of Laboratory

ว-236-ก-0002
28, 11, 23



Approved by

Mrs. Pomtip Pethshee
Laboratory Manager

ว-236-ก-0003
28, 11, 23

- PRIVATE LABORATORY REGISTERED NO. ว-236
- REPORTED RESULTS REFER TO SUBMITTED SAMPLE(S) ONLY
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TEST REPORT

Analysis No. : R23-3640
Received Date : 17/11/23
Customer : Technical Division of Thai Environmental Technic Limited
For Yamada Somboon Co., Ltd.
โครงการโรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)
Address : Siam Eastern Industrial Park 60/4, 42/12 Moo 3, Mabyangporn,
Pluakdaeng Rayong 21140
Contact : Tel. (038) 891 187-9 Ext. 207 Fax. (038) 891 756

Report Date : 28/11/23
Analysis Date : 15-20/11/23
Job No. : S660129/Nov
Sampling By : TET
Type of Sample : Stack

Sampling Conditions :

Item	Description	Unit	Result
			2311-AS0826
			S15 : Boiler Stack 2
1	Sampling Date	-	15/11/23
2	Stack Diameter	m	Ø 0.12
3	Temperature ⁽¹⁾	°C	110
4	Stack Gas Velocity ⁽¹⁾	m/s	6.0
5	Flow Rate ⁽¹⁾	m ³ /s	0.1
6	Flow Rate ⁽²⁾	Nm ³ /s	0.1
7	Moisture Content ⁽¹⁾	%	2.74
8	O ₂ Rate ⁽¹⁾ , dry basis	%	11.4
9	CO ₂ Rate ⁽¹⁾ , dry basis	%	6.4
10	Absolute Stack Pressure ⁽¹⁾	mm.Hg	756.8

Parameter	Unit	Method	Result		Standard			Analysis Date
			2311-AS0826		(With Combustion)			
			S15 : Boiler Stack 2		(A)		(B)	
Particulate ⁽²⁾	mg/Nm ³	Isokinetic, Gravimetric Method (US.EPA Method 5, Dec 07, 2020)	0.9	0.00004 (g/s)	20	0.0001 (g/s)	320	17-20/11/23
NO _x as NO ₂ ⁽²⁾	ppm	Instrument Analyzer Method (US.EPA Method 7E, Oct 07, 2020)	4.10	0.0004 (g/s)	20	0.0002 (g/s)	200	15/11/23
SO ₂ ⁽²⁾	ppm	Instrument Analyzer Method (US.EPA Method 6C, Aug 2, 2017)	< 0.10	< 0.00001 (g/s)	5	0.0001 (g/s)	60	15/11/23
CO ⁽²⁾	ppm	NDIR Method (US.EPA Method 10, Aug 02, 2017)	8	-	-	-	690	15/11/23

Remarks : S15 : Boiler Stack 2 = 47P 0731250 UTM 1438088

(1) Flue conditions

(2) The concentrations of air emissions and emission rate are based on the reference condition of 25 °C at 1 atm or 760 mm.Hg and dry basis, (close system)

Standard (A) According to Specified Requirement Environmental Impact Assessment of Yamada Somboon Co., Ltd. (2021) (B.E. 2564)

(B) Notification of the Ministry of Industry (2006) (B.E. 2549) and Notification of the Ministry of Natural Resources and Environment (2006) (B.E. 2549)

Source : NGV

Reviewed by

Ms. Wareerut Prachumdaeng
Chief of Laboratory
28/11/23



Approved by

Mrs. Pomtip Pethshee
Laboratory Manager
28/11/23

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TEST REPORT

Analysis No. : R23-3640/DIW
Received Date : 17/11/23
Customer : Technical Division of Thai Environmental Technic Limited
For Yamada Somboon Co., Ltd.
โครงการโรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)
Address : Siam Eastern Industrial Park 60/4, 42/12 Moo 3, Mabyangporn,
Pluakdaeng Rayong 21140
Contact : Tel. (038) 891 187-9 Ext. 207 Fax. (038) 891 756

Report Date : 28/11/23
Analysis Date : 15-20/11/23
Job No. : S660129/Nov
Sampling By : Mr. Kiattisak Wandee
Registration Number : ๖-236-จ-0012
Type of Sample : Stack

Sampling Conditions :

Item	Description	Unit	Result
			2311-AS0826
			S15 : Boiler Stack 2
1	Sampling Date	-	15/11/23
2	Stack Diameter	m	Ø 0.12
3	Temperature ⁽¹⁾	°C	110
4	Stack Gas Velocity ⁽¹⁾	m/s	6.0
5	Flow Rate ⁽¹⁾	m ³ /s	0.1
6	Flow Rate ⁽²⁾	Nm ³ /s	0.1
7	Moisture Content ⁽¹⁾	%	2.74
8	O ₂ Rate ⁽¹⁾ , dry basis	%	11.4
9	CO ₂ Rate ⁽¹⁾ , dry basis	%	6.4
10	Absolute Stack Pressure ⁽¹⁾	mm.Hg	756.8

Parameter	Unit	Method	Result	Standard (With Combustion)	Analysis Date
			2311-AS0826		
			S15 : Boiler Stack 2		
Particulate ⁽²⁾	mg/Nm ³	Isokinetic, Gravimetric Method (US.EPA Method 5, Dec 07, 2020)	0.9	320	17-20/11/23
NO _x as NO ₂ ⁽²⁾	ppm	Instrument Analyzer Method (US.EPA Method 7E, Oct 07, 2020)	4.10	200	15/11/23
SO ₂ ⁽²⁾	ppm	Instrument Analyzer Method (US.EPA Method 6C, Aug 2, 2017)	< 0.10	60	15/11/23
CO ⁽²⁾	ppm	NDIR Method (US.EPA Method 10, Aug 02, 2017)	8	690	15/11/23

Remarks : S15 : Boiler Stack 2 = 47P 0731250 UTM 1438088

(1) Flue conditions

(2) The concentrations of air emissions and emission rate are based on the reference condition of 25 °C at 1 atm or 760 mm.Hg and dry basis, (close system)

Standard : Notification of the Ministry of Industry (2006) (B.E. 2549)

Source : NGV

Reviewed by

Ms. Wareerut Prachumdaeng
Chief of Laboratory

๖-236-ก-0002

๒๘/๑๑/๒๓



Approved by

Mrs. Pomtip Pethshee
Laboratory Manager

๖-236-ก-0003

๒๘/๑๑/๒๓

..... END OF REPORT

- PRIVATE LABORATORY REGISTERED NO. ๖-236
- REPORTED RESULTS REFER TO SUBMITTED SAMPLE(S) ONLY
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TEST REPORT

Customer Name : Yamada Somboon Co., Ltd.

Report No. : 3640/2023/7-26

Project : โครงการโรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)

Report Date : November 29, 2023

Address : Siam Eastern Industrial Park 60/4, 42/12 Moo 3,

Sampling Date : November 10-17, 2023

Mabyangporn, Pluakdaeng Rayong 21140

Type of Sample : Sound Level

T. (038) 891 187-9 Ext. 207 F. (038) 891 756

Job No. : S660129/Nov

Item	Time	Result dB(A)											
		โรงเรียนมาบยางพรวิทยาคม											
		10-11/11/23			11-12/11/23			12-13/11/23			13-14/11/23		
		Leq	Lmax	L ₉₀	Leq	Lmax	L ₉₀	Leq	Lmax	L ₉₀	Leq	Lmax	L ₉₀
1.	13.00-14.00	61.4	88.8	55.3	60.6	83.0	54.6	63.7	86.5	53.8	63.5	72.3	59.7
2.	14.00-15.00	59.7	79.2	55.9	61.8	86.8	54.2	62.0	86.4	54.4	63.0	88.0	57.9
3.	15.00-16.00	60.5	86.0	57.3	62.9	85.4	55.5	62.1	87.2	53.5	63.0	86.7	57.5
4.	16.00-17.00	65.5	87.1	55.2	62.2	92.4	55.9	55.3	76.1	54.0	61.8	93.5	56.4
5.	17.00-18.00	59.3	85.1	54.7	56.3	73.2	54.4	54.6	77.4	53.4	57.6	77.9	53.6
6.	18.00-19.00	55.6	73.0	54.3	57.6	73.9	55.4	54.9	69.4	53.4	55.8	80.9	54.6
7.	19.00-20.00	57.0	75.0	55.0	56.9	69.7	55.8	54.6	72.6	53.5	57.1	82.2	53.5
8.	20.00-21.00	58.4	74.7	57.1	56.5	69.2	54.7	56.9	75.2	55.3	58.2	74.0	57.4
9.	21.00-22.00	57.8	65.7	56.8	55.9	79.0	54.3	56.8	84.9	53.6	58.8	70.9	57.8
10.	22.00-23.00	58.8	73.4	57.0	57.8	78.6	53.9	57.1	79.1	54.0	58.6	64.6	57.6
11.	23.00-00.00	57.2	76.6	53.2	55.3	74.7	53.1	56.5	77.8	53.7	57.7	72.6	56.0
12.	00.00-01.00	58.2	79.0	54.8	56.3	78.5	53.6	56.7	74.9	53.8	59.6	80.5	53.9
13.	01.00-02.00	60.4	90.5	57.1	58.0	79.3	54.1	58.5	86.3	53.5	58.4	71.7	57.0
14.	02.00-03.00	57.9	67.5	57.1	55.1	71.7	53.5	57.8	85.7	52.8	59.3	78.8	56.8
15.	03.00-04.00	60.8	85.4	56.6	55.4	75.7	53.8	61.8	84.7	52.8	59.1	82.9	56.9
16.	04.00-05.00	58.4	73.4	53.3	63.2	84.5	50.7	63.9	85.2	50.5	61.9	87.4	56.3
17.	05.00-06.00	65.1	84.8	51.7	64.2	86.6	51.2	62.0	84.7	51.0	62.6	82.8	53.8
18.	06.00-07.00	64.5	90.0	51.5	62.7	84.9	51.3	63.4	82.8	52.3	65.5	87.3	52.1
19.	07.00-08.00	64.6	86.4	51.6	63.0	87.0	48.9	64.8	87.9	55.0	63.0	82.9	53.5
20.	08.00-09.00	62.1	85.7	53.0	62.9	81.5	49.2	63.5	83.2	55.1	63.1	81.8	54.7
21.	09.00-10.00	63.5	85.6	53.2	60.8	79.5	50.0	61.1	85.4	51.7	63.4	82.6	54.8
22.	10.00-11.00	60.7	83.6	54.7	63.5	86.5	53.7	59.3	79.9	51.2	60.7	89.1	54.8
23.	11.00-12.00	62.0	85.6	53.2	63.2	91.2	52.7	63.3	72.1	53.4	58.3	78.7	53.9
24.	12.00-13.00	58.6	72.9	54.1	63.6	87.9	53.1	63.2	78.9	60.1	62.1	85.6	56.0
Leq 24 hr		61.2	-	-	60.9	-	-	60.9	-	-	61.2	-	-
Lmax		-	90.5	-	-	92.4	-	-	87.9	-	-	93.5	-
Standard ⁽¹⁾⁽²⁾		70	115	-	70	115	-	70	115	-	70	115	-
Ldn		67.5	-	-	66.7	-	-	67.1	-	-	67.5	-	-

Standard: ⁽¹⁾ Notification of the National Environment Board No. 15 (1997) (B.E 2540)

⁽²⁾ Notification of the Ministry of Industry (2005) (B.E 2548)

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager



Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

ORIGINAL

ต้นฉบับ

1/6 Soi Ramkhamhaeng 145, Khwaeng / Khet Saphansung, Bangkok 10240

E-mail : admin@tet1995.com

1/6 ซอยรามคำแหง 145 แขวงสะพานสูง เขตสะพานสูง กรุงเทพมหานคร 10240

Tel : 0-2373-7799 (Auto) Fax : 0-2373-7979

TEST REPORT

Customer Name : Yamada Somboon Co., Ltd.

Report No. : 3640/2023/8-26

Project : โครงการโรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)

Report Date : November 29, 2023

Address : Siam Eastern Industrial Park 60/4, 42/12 Moo 3,

Sampling Date : November 10-17, 2023

Mabyangporn, Pluakdaeng Rayong 21140

Type of Sample : Sound Level

T. (038) 891 187-9 Ext. 207 F. (038) 891 756

Job No. : S660129/Nov

Item	Time	Result dB(A)								
		โรงเรียนมาบยางพรวิทยาคม								
		14-15/11/23			15-16/11/23			16-17/11/23		
		Leq	Lmax	L ₉₀	Leq	Lmax	L ₉₀	Leq	Lmax	L ₉₀
1.	13.00-14.00	61.2	85.7	58.0	61.9	82.9	57.7	61.8	85.0	57.3
2.	14.00-15.00	62.2	84.8	58.3	60.9	79.7	57.6	58.9	81.0	57.3
3.	15.00-16.00	62.2	88.2	57.7	61.8	84.4	57.4	61.0	82.1	57.4
4.	16.00-17.00	62.1	84.1	57.6	58.3	74.5	56.8	62.1	83.6	57.7
5.	17.00-18.00	59.8	79.2	57.6	58.1	74.1	57.2	62.1	85.9	57.3
6.	18.00-19.00	58.9	78.5	56.7	58.6	76.3	56.9	58.2	79.3	56.7
7.	19.00-20.00	57.7	77.7	55.5	58.1	70.6	57.0	61.1	84.1	54.5
8.	20.00-21.00	58.6	78.3	56.9	60.2	81.0	57.0	56.8	74.5	55.0
9.	21.00-22.00	58.8	76.5	57.5	58.7	74.8	57.2	58.2	74.3	56.7
10.	22.00-23.00	58.3	70.4	57.2	57.4	74.6	54.7	58.9	77.6	57.1
11.	23.00-00.00	55.8	67.9	54.4	58.1	78.6	55.6	57.2	78.3	53.0
12.	00.00-01.00	57.2	68.0	56.7	58.6	78.4	57.1	59.6	82.3	55.1
13.	01.00-02.00	59.5	76.4	57.0	58.1	69.3	57.0	58.6	83.0	57.0
14.	02.00-03.00	58.7	74.6	57.0	59.0	77.6	57.0	58.2	76.3	56.7
15.	03.00-04.00	58.6	71.6	56.9	60.0	84.0	56.4	59.3	81.4	56.5
16.	04.00-05.00	61.5	86.1	56.6	63.5	78.9	55.5	58.3	80.4	53.3
17.	05.00-06.00	63.1	80.6	54.3	63.5	83.9	55.1	63.3	82.1	53.3
18.	06.00-07.00	61.9	85.4	54.4	63.5	83.5	55.1	64.0	85.8	53.8
19.	07.00-08.00	65.3	86.4	54.5	61.9	82.4	56.3	62.4	83.5	52.7
20.	08.00-09.00	64.0	80.0	54.7	61.2	85.7	57.0	62.5	80.9	52.4
21.	09.00-10.00	62.9	86.7	55.6	65.4	71.9	62.3	62.8	81.1	52.8
22.	10.00-11.00	58.8	77.5	54.6	59.9	80.5	58.7	61.5	81.8	53.8
23.	11.00-12.00	60.2	82.6	54.9	58.9	70.9	58.6	61.2	83.5	52.3
24.	12.00-13.00	59.7	80.7	57.6	60.7	75.3	59.3	60.7	87.2	52.7
Leq 24 hr		60.9	-	-	60.8	-	-	60.8	-	-
Lmax		-	88.2	-	-	85.7	-	-	87.2	-
Standard ⁽¹⁾⁽²⁾		70	115	-	70	115	-	70	115	-
Ldn		66.6	-	-	67.3	-	-	66.9	-	-

Standard: ⁽¹⁾ Notification of the National Environment Board No. 15 (1997) (B.E 2540)

⁽²⁾ Notification of the Ministry of Industry (2005) (B.E 2548)

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager

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Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

ORIGINAL

ต้นฉบับ

1/6 Soi Ramkhamhaeng 145, Khwaeng / Khet Saphansung, Bangkok 10240

E-mail : admin@tet1995.com

1/6 ซอยรามคำแหง 145 แขวงสะพานสูง เขตสะพานสูง กรุงเทพมหานคร 10240

Tel : 0-2373-7799 (Auto) Fax : 0-2373-7979

TEST REPORT

Customer Name : Yamada Somboon Co., Ltd.

Report No. : 3640/2023/9-26

Project : โครงการโรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)

Report Date : November 29, 2023

Address : Siam Eastern Industrial Park 60/4, 42/12 Moo 3,

Sampling Date : November 10-17, 2023

Mabyangporn, Pluakdaeng Rayong 21140

Type of Sample : Sound Level

T. (038) 891 187-9 Ext. 207 F. (038) 891 756

Job No. : S660129/Nov

Item	Time	Result dB(A)											
		รพ. สต. บ้านมาบยางพร											
		10-11/11/23			11-12/11/23			12-13/11/23			13-14/11/23		
		Leq	Lmax	L ₉₀	Leq	Lmax	L ₉₀	Leq	Lmax	L ₉₀	Leq	Lmax	L ₉₀
1.	14.00-15.00	55.1	77.1	50.4	48.5	69.2	43.6	56.7	81.7	49.5	52.8	70.7	49.5
2.	15.00-16.00	57.0	83.5	50.0	58.0	76.5	50.8	57.3	84.1	48.7	54.2	71.2	50.7
3.	16.00-17.00	54.4	79.3	49.5	53.2	67.0	51.0	58.3	84.0	50.1	53.8	72.3	49.8
4.	17.00-18.00	54.4	80.2	50.3	52.6	69.1	49.4	61.8	84.7	56.5	51.9	81.8	49.2
5.	18.00-19.00	57.7	72.3	56.3	58.9	70.0	58.3	56.6	87.5	48.7	54.2	76.7	48.6
6.	19.00-20.00	59.8	82.6	58.6	59.1	83.0	57.4	56.2	76.7	47.8	51.4	79.7	48.8
7.	20.00-21.00	58.2	70.9	57.3	56.4	64.2	55.6	54.1	77.8	46.2	49.1	68.2	48.2
8.	21.00-22.00	56.9	71.6	56.0	54.1	70.3	53.1	53.7	80.1	45.3	51.0	79.6	47.2
9.	22.00-23.00	54.9	65.5	54.0	53.2	66.2	52.2	50.5	74.4	43.6	48.5	68.4	47.3
10.	23.00-00.00	53.6	64.2	52.5	52.1	59.4	51.0	51.8	80.0	41.8	48.1	64.9	47.0
11.	00.00-01.00	52.8	63.2	51.6	52.1	62.2	51.2	50.1	63.0	47.5	49.9	68.2	49.5
12.	01.00-02.00	51.9	62.0	51.0	51.2	64.7	49.7	51.4	60.7	47.9	50.9	75.6	48.6
13.	02.00-03.00	51.3	59.6	50.4	51.7	56.9	50.2	49.1	62.1	47.0	50.0	61.9	49.0
14.	03.00-04.00	51.4	59.5	50.4	52.5	56.4	50.5	50.3	68.0	44.9	53.8	68.5	49.1
15.	04.00-05.00	51.8	57.4	50.8	52.7	67.3	50.5	60.2	82.5	51.6	57.4	70.6	50.1
16.	05.00-06.00	51.3	70.5	50.1	52.9	74.6	50.3	60.7	91.5	47.1	53.0	70.8	48.3
17.	06.00-07.00	51.0	75.3	46.9	51.4	73.5	47.3	59.5	86.5	46.4	54.7	74.0	50.1
18.	07.00-08.00	51.3	69.5	46.4	52.1	71.7	46.6	57.2	78.9	51.0	53.8	78.3	49.7
19.	08.00-09.00	50.1	72.2	42.9	50.0	85.1	45.4	59.8	83.4	52.6	57.5	75.9	49.3
20.	09.00-10.00	62.1	80.5	42.3	54.8	77.9	49.1	58.4	75.6	51.6	52.6	74.8	48.9
21.	10.00-11.00	53.4	73.2	43.9	58.3	83.0	51.4	52.1	71.0	49.4	57.2	92.6	48.4
22.	11.00-12.00	46.6	71.4	42.4	59.9	79.9	53.2	51.8	70.1	49.7	53.0	70.1	48.4
23.	12.00-13.00	59.8	80.5	42.4	59.4	78.0	52.8	52.1	73.2	49.4	53.5	67.8	48.9
24.	13.00-14.00	48.1	63.6	43.0	58.5	80.5	51.4	51.9	68.3	49.3	52.5	71.7	48.5
Leq 24 hr		55.6	-	-	55.6	-	-	56.7	-	-	53.4	-	-
Lmax		-	83.5	-	-	85.1	-	-	91.5	-	-	92.6	-
Standard ⁽¹⁾⁽²⁾		70	115	-	70	115	-	70	115	-	70	115	-
Ldn		59.8	-	-	59.7	-	-	62.8	-	-	59.4	-	-

Standard: ⁽¹⁾ Notification of the National Environment Board No. 15 (1997) (B.E 2540)

⁽²⁾ Notification of the Ministry of Industry (2005) (B.E 2548)

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager

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Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

ORIGINAL

ต้นฉบับ

1/6 Soi Ramkhamhaeng 145, Khwaeng / Khet Saphansung, Bangkok 10240

E-mail : admin@tet1995.com

1/6 ซอยรามคำแหง 145 แขวงสะพานสูง เขตสะพานสูง กรุงเทพมหานคร 10240

Tel : 0-2373-7799 (Auto) Fax : 0-2373-7979

TEST REPORT

Customer Name : Yamada Somboon Co., Ltd.

Report No. : 3640/2023/10-26

Project : โครงการโรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)

Report Date : November 29, 2023

Address : Siam Eastern Industrial Park 60/4, 42/12 Moo 3,

Sampling Date : November 10-17, 2023

Mabyangporn, Pluakdaeng Rayong 21140

Type of Sample : Sound Level

T. (038) 891 187-9 Ext. 207 F. (038) 891 756

Job No. : S660129/Nov

Item	Time	Result dB(A)								
		รพ. สต. บ้านมาบยางพร								
		14-15/11/23			15-16/11/23			16-17/11/23		
		Leq	Lmax	L ₉₀	Leq	Lmax	L ₉₀	Leq	Lmax	L ₉₀
1.	14.00-15.00	52.6	72.6	48.1	53.5	70.8	50.3	54.5	78.2	50.7
2.	15.00-16.00	54.8	73.4	49.5	53.9	77.4	49.9	53.4	80.0	50.1
3.	16.00-17.00	50.2	69.6	48.2	53.3	75.5	49.8	53.8	64.0	52.9
4.	17.00-18.00	50.5	73.7	49.1	56.8	86.9	51.0	56.5	81.0	53.3
5.	18.00-19.00	59.5	87.3	48.5	54.4	70.5	53.3	56.3	82.9	52.1
6.	19.00-20.00	51.6	66.4	49.3	53.1	65.6	51.4	53.3	77.9	50.7
7.	20.00-21.00	58.0	79.7	53.2	56.0	80.9	51.8	55.5	83.2	51.5
8.	21.00-22.00	57.2	72.3	53.5	53.6	75.9	49.6	57.1	81.9	51.0
9.	22.00-23.00	55.9	60.8	53.6	50.5	75.6	48.8	54.1	66.4	49.6
10.	23.00-00.00	58.8	84.2	49.8	50.7	75.5	48.1	50.6	63.0	49.2
11.	00.00-01.00	49.7	75.4	47.5	48.9	59.9	48.1	51.5	65.9	50.0
12.	01.00-02.00	53.9	78.4	47.2	48.5	65.3	47.5	51.9	67.9	49.8
13.	02.00-03.00	51.9	69.6	47.9	54.5	69.7	49.8	58.3	85.5	51.4
14.	03.00-04.00	56.5	79.9	49.4	57.5	70.7	51.0	56.2	71.3	50.1
15.	04.00-05.00	56.3	68.8	51.1	56.6	70.2	50.2	57.5	78.3	50.7
16.	05.00-06.00	54.0	75.3	49.6	53.8	71.0	49.1	54.9	75.5	50.1
17.	06.00-07.00	53.2	74.1	49.5	61.0	87.3	49.3	59.5	82.6	50.7
18.	07.00-08.00	55.2	83.1	49.0	55.5	79.6	49.2	58.0	88.3	50.1
19.	08.00-09.00	55.1	84.2	49.4	54.3	72.8	50.7	54.1	69.2	49.2
20.	09.00-10.00	51.4	70.4	49.0	53.6	69.4	50.5	56.5	76.7	49.4
21.	10.00-11.00	51.0	67.2	49.3	54.1	77.6	50.3	55.7	74.0	50.5
22.	11.00-12.00	54.5	84.5	50.1	54.7	72.4	50.8	57.1	87.1	51.1
23.	12.00-13.00	52.6	72.3	50.3	55.2	75.1	52.0	55.3	70.9	51.6
24.	13.00-14.00	53.0	67.6	50.2	54.8	72.0	52.1	58.3	78.0	53.8
Leq 24 hr		54.9	-	-	54.9	-	-	56.0	-	-
Lmax		-	87.3	-	-	87.3	-	-	88.3	-
Standard ⁽¹⁾⁽²⁾		70	115	-	70	115	-	70	115	-
Ldn		61.5	-	-	61.8	-	-	62.3	-	-

Standard: ⁽¹⁾ Notification of the National Environment Board No. 15 (1997) (B.E 2540)

⁽²⁾ Notification of the Ministry of Industry (2005) (B.E 2548)

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager

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TEST REPORT

Customer Name : Yamada Somboon Co., Ltd.

Report No. : 3640/2023/15-26

Project : โครงการโรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)

Report Date : November 29, 2023

Address : Siam Eastern Industrial Park 60/4, 42/12 Moo 3,

Sampling Date : November 10-17, 2023

Mabyangporn, Pluakdaeng Rayong 21140

Type of Sample : เสียงรบกวน

T. (038) 891 187-9 Ext. 207 F. (038) 891 756

Job No. : S660129/Nov

(15/1-3)

Item	Time	Result (dB(A))				
		โรงเรียนมาบยางพรวิทยาคม				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		10-11/11/23	11-12/11/23	-	11-12/11/23	-
1.	13.00-14.00	61.4	60.6	53.7	54.6	-0.9
2.	14.00-15.00	59.7	61.8	59.7	54.2	5.5
3.	15.00-16.00	60.5	62.9	60.5	55.5	5.0
4.	16.00-17.00	65.5	62.2	62.8	55.9	6.9
5.	17.00-18.00	59.3	56.3	56.3	54.4	1.9
6.	18.00-19.00	55.6	57.6	55.6	55.4	0.2
7.	19.00-20.00	57.0	56.9	40.6	55.8	-15.2
8.	20.00-21.00	58.4	56.5	53.9	54.7	-0.8
9.	21.00-22.00	57.8	55.9	53.3	54.3	-1.0
10.	22.00-22.05	57.8	55.2	57.3	53.5	3.8
	22.05-22.10	58.1	55.6	57.5	53.9	3.6
11.	22.10-22.15	57.8	56.3	55.5	55.4	0.1
	22.15-22.20	58.2	56.1	57.0	55.2	1.8
	22.20-22.25	58.4	56.4	57.1	55.4	1.7
	22.25-22.30	59.1	56.7	58.4	55.6	2.8
	22.30-22.35	60.5	55.4	61.9	54.3	7.6
	22.35-22.40	61.9	55.3	63.8	53.8	10.0
	22.40-22.45	57.9	64.3	57.9	53.7	4.2
	22.45-22.50	57.6	55.9	55.7	53.7	2.0
	22.50-22.55	57.8	54.1	58.4	53.4	5.0
	22.55-23.00	58.5	59.1	58.5	53.4	5.1
	23.00-23.05	58.3	55.1	58.5	53.2	5.3
	23.05-23.10	57.8	54.7	57.9	53.2	4.7
	23.10-23.15	57.7	59.0	57.7	55.5	2.2
	23.15-23.20	57.5	56.4	54.0	54.9	-0.9
	23.20-23.25	55.9	54.5	53.3	53.1	0.2
	23.25-23.30	61.0	54.2	63.0	53.3	9.7
	23.30-23.35	53.7	56.9	53.7	53.1	0.6
	23.35-23.40	55.7	55.5	45.2	52.7	-7.5
	23.40-23.45	54.6	53.4	51.4	52.5	-1.1
	23.45-23.50	59.0	53.5	60.6	52.7	7.9
	23.50-23.55	54.2	53.4	49.5	52.7	-3.2
	23.55-00.00	55.4	53.5	53.9	52.8	1.1
Standard ⁽¹⁾⁽²⁾						10



TEST REPORT

(15/2-3)

Item	Time	Result (dB(A))				
		โรงเรียนมาบยางพรวิทยาคม				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		10-11/11/23	11-12/11/23	-	11-12/11/23	-
12.	00.00-00.05	54.6	54.1	48.0	53.1	-5.1
	00.05-00.10	53.8	54.0	53.8	53.2	0.6
	00.10-00.15	53.3	55.4	53.3	53.6	-0.3
	00.15-00.20	53.6	55.7	53.6	55.0	-1.4
	00.20-00.25	54.0	56.0	54.0	55.2	-1.2
	00.25-00.30	56.5	58.6	56.5	54.7	1.8
	00.30-00.35	56.8	54.8	55.5	53.8	1.7
	00.35-00.40	56.7	54.7	55.4	53.6	1.8
	00.40-00.45	57.4	54.7	57.1	53.3	3.8
	00.45-00.50	62.3	55.1	64.4	53.4	11.0
	00.50-00.55	61.7	59.7	60.4	53.7	6.7
	00.55-01.00	62.0	58.3	62.6	53.4	9.2
13.	01.00-01.05	58.1	59.4	58.1	53.5	4.6
	01.05-01.10	57.7	54.7	57.7	53.5	4.2
	01.10-01.15	59.5	54.6	60.8	53.9	6.9
	01.15-01.20	64.8	55.0	67.3	54.1	13.2
	01.20-01.25	58.5	55.6	58.4	54.2	4.2
	01.25-01.30	58.9	55.3	59.4	54.3	5.1
	01.30-01.35	60.1	56.4	60.7	54.2	6.5
	01.35-01.40	64.9	64.0	60.6	54.4	6.2
	01.40-01.45	58.3	56.8	56.0	53.7	2.3
	01.45-01.50	57.9	54.8	58.0	53.9	4.1
	01.50-01.55	58.0	60.3	58.0	54.3	3.7
	01.55-02.00	57.9	56.1	56.2	54.0	2.2
14.	02.00-02.05	58.1	54.2	58.8	53.3	5.5
	02.05-02.10	58.3	54.0	59.3	53.1	6.2
	02.10-02.15	57.9	54.5	58.2	53.5	4.7
	02.15-02.20	57.9	54.9	57.9	53.5	4.4
	02.20-02.25	57.8	54.8	57.8	53.7	4.1
	02.25-02.30	57.7	54.7	57.7	53.7	4.0
	02.30-02.35	57.5	54.3	57.7	53.5	4.2
	02.35-02.40	57.8	54.4	58.1	53.5	4.6
	02.40-02.45	57.8	58.3	57.8	53.3	4.5
	02.45-02.50	58.1	55.4	57.8	53.1	4.7
	02.50-02.55	58.0	55.0	58.0	53.7	4.3
	02.55-03.00	58.2	54.9	58.5	54.1	4.4
15.	03.00-03.05	57.9	55.2	57.6	54.1	3.5
	03.05-03.10	57.6	55.6	56.3	54.7	1.6
	03.10-03.15	57.8	55.5	56.9	54.8	2.1
	03.15-03.20	58.0	57.3	52.7	54.5	-1.8
	03.20-03.25	58.1	57.2	53.8	53.8	0.0
	03.25-03.30	57.6	54.7	57.5	53.8	3.7
	03.30-03.35	57.4	55.2	56.4	54.2	2.2
	03.35-03.40	57.4	55.0	56.7	53.2	3.5
	03.40-03.45	57.5	54.0	57.9	52.9	5.0
	03.45-03.50	58.7	54.2	59.8	53.0	6.8
	03.50-03.55	67.9	54.8	70.7	53.3	17.4
	03.55-04.00	63.3	55.3	65.6	53.5	12.1
Standard ⁽¹⁾⁽²⁾						10

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TEST REPORT

(15/3-3)

Item	Time	Result (dB(A))				
		โรงเรียนมาบยางพรวิทยาคม				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีกรรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		10-11/11/23	11-12/11/23	-	11-12/11/23	-
16.	04.00-04.05	60.7	65.7	60.7	51.2	9.5
	04.05-04.10	59.3	61.9	59.3	51.1	8.2
	04.10-04.15	58.8	61.2	58.8	50.9	7.9
	04.15-04.20	57.0	59.5	57.0	51.0	6.0
	04.20-04.25	57.2	57.2	57.2	50.8	6.4
	04.25-04.30	56.2	63.7	56.2	50.5	5.7
	04.30-04.35	56.0	57.7	56.0	50.2	5.8
	04.35-04.40	59.8	59.0	55.1	50.1	5.0
	04.40-04.45	58.8	62.0	58.8	50.3	8.5
	04.45-04.50	59.4	67.1	59.4	50.6	8.8
	04.50-04.55	57.5	66.0	57.5	50.9	6.6
	04.55-05.00	58.1	64.5	58.1	50.6	7.5
17.	05.00-05.05	66.1	65.1	62.2	50.9	11.3
	05.05-05.10	64.3	64.5	64.3	50.8	13.5
	05.10-05.15	65.4	66.6	65.4	50.6	14.8
	05.15-05.20	63.2	64.2	63.2	50.7	12.5
	05.20-05.25	66.6	63.0	67.1	50.8	16.3
	05.25-05.30	66.6	64.7	65.1	51.1	14.0
	05.30-05.35	65.3	63.1	64.3	51.4	12.9
	05.35-05.40	65.5	67.3	65.5	53.1	12.4
	05.40-05.45	63.0	62.8	52.5	52.8	-0.3
	05.45-05.50	65.9	60.9	67.2	52.7	14.5
	05.50-05.55	64.5	62.7	62.8	52.5	10.3
	05.55-06.00	63.4	59.5	64.1	51.3	12.8
18.	06.00-07.00	64.5	62.7	59.8	51.3	8.5
19.	07.00-08.00	64.6	63.0	59.5	48.9	10.6
20.	08.00-09.00	62.1	62.9	62.1	49.2	12.9
21.	09.00-10.00	63.5	60.8	60.2	50.0	10.2
22.	10.00-11.00	60.7	63.5	60.7	53.7	7.0
23.	11.00-12.00	62.0	63.2	62.0	52.7	9.3
24.	12.00-13.00	58.6	63.6	58.6	53.1	5.5
Standard ⁽¹⁾⁽²⁾						10

Standard : ⁽¹⁾ Notification of the National Environment Board No. 29 (2007) (B.E. 2550)

⁽²⁾ Notification of the Ministry of Industry (2005) (B.E. 2548)

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager

- REPORTED RESULTS REFER TO SUBMITTED SAMPLE(S) ONLY
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TEST REPORT

Customer Name : Yamada Somboon Co., Ltd.

Report No. : 3640/2023/16-26

Project : โครงการโรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)

Report Date : November 29, 2023

Address : Siam Eastern Industrial Park 60/4, 42/12 Moo 3,

Sampling Date : November 10-17, 2023

Mabyangporn, Pluakdaeng Rayong 21140

Type of Sample : เสียงรบกวน

T. (038) 891 187-9 Ext. 207 F. (038) 891 756

Job No. : S660129/Nov

(16/1-3)

Item	Time	Result (dB(A))				
		โรงเรียนมาบยางพรวิทยาคม				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		12-13/11/23	11-12/11/23	-	11-12/11/23	-
1.	13.00-14.00	63.7	60.6	60.8	54.6	6.2
2.	14.00-15.00	62.0	61.8	48.5	54.2	-5.7
3.	15.00-16.00	62.1	62.9	62.1	55.5	6.6
4.	16.00-17.00	55.3	62.2	55.3	55.9	-0.6
5.	17.00-18.00	54.6	56.3	54.6	54.4	0.2
6.	18.00-19.00	54.9	57.6	54.9	55.4	-0.5
7.	19.00-20.00	54.6	56.9	54.6	55.8	-1.2
8.	20.00-21.00	56.9	56.5	46.3	54.7	-8.4
9.	21.00-22.00	56.8	55.9	49.5	54.3	-4.8
10.	22.00-22.05	54.9	55.2	54.9	53.5	1.4
	22.05-22.10	54.7	55.6	54.7	53.9	0.8
11.	22.10-22.15	57.3	56.3	53.4	55.4	-2.0
	22.15-22.20	63.7	56.1	65.9	55.2	10.7
	22.20-22.25	54.9	56.4	54.9	55.4	-0.5
	22.25-22.30	55.8	56.7	55.8	55.6	0.2
	22.30-22.35	55.3	55.4	55.3	54.3	1.0
	22.35-22.40	55.1	55.3	55.1	53.8	1.3
	22.40-22.45	55.0	64.3	55.0	53.7	1.3
	22.45-22.50	55.7	55.9	55.7	53.7	2.0
	22.50-22.55	54.8	54.1	49.5	53.4	-3.9
	22.55-23.00	54.7	59.1	54.7	53.4	1.3
	23.00-23.05	55.5	55.1	47.9	53.2	-5.3
	23.05-23.10	54.6	54.7	54.6	53.2	1.4
	23.10-23.15	54.1	59.0	54.1	55.5	-1.4
	23.15-23.20	54.3	56.4	54.3	54.9	-0.6
	23.20-23.25	54.1	54.5	54.1	53.1	1.0
	23.25-23.30	54.5	54.2	45.7	53.3	-7.6
	23.30-23.35	54.4	56.9	54.4	53.1	1.3
	23.35-23.40	54.4	55.5	54.4	52.7	1.7
	23.40-23.45	63.2	53.4	65.7	52.5	13.2
	23.45-23.50	56.0	53.5	55.4	52.7	2.7
	23.50-23.55	55.2	53.4	53.5	52.7	0.8
	23.55-00.00	55.5	53.5	54.2	52.8	1.4
Standard ⁽¹⁾⁽²⁾						10



TEST REPORT

(16/2-3)

Item	Time	Result (dB(A))				
		โรงเรียนมาบยางพรวิทยาคม				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		12-13/11/23	11-12/11/23	-	11-12/11/23	-
12.	00.00-00.05	55.5	54.1	52.9	53.1	-0.2
	00.05-00.10	55.4	54.0	52.8	53.2	-0.4
	00.10-00.15	55.0	55.4	55.0	53.6	1.4
	00.15-00.20	54.7	55.7	54.7	55.0	-0.3
	00.20-00.25	54.5	56.0	54.5	55.2	-0.7
	00.25-00.30	55.0	58.6	55.0	54.7	0.3
	00.30-00.35	62.6	54.8	64.8	53.8	11.0
	00.35-00.40	54.2	54.7	54.2	53.6	0.6
	00.40-00.45	54.3	54.7	54.3	53.3	1.0
	00.45-00.50	54.7	55.1	54.7	53.4	1.3
	00.50-00.55	59.2	59.7	59.2	53.7	5.5
	00.55-01.00	54.1	58.3	54.1	53.4	0.7
13.	01.00-01.05	54.3	59.4	54.3	53.5	0.8
	01.05-01.10	61.3	54.7	63.2	53.5	9.7
	01.10-01.15	54.7	54.6	41.3	53.9	-12.6
	01.15-01.20	54.9	55.0	54.9	54.1	0.8
	01.20-01.25	61.3	55.6	62.9	54.2	8.7
	01.25-01.30	55.2	55.3	55.2	54.3	0.9
	01.30-01.35	54.6	56.4	54.6	54.2	0.4
	01.35-01.40	54.3	64.0	54.3	54.4	-0.1
	01.40-01.45	53.5	56.8	53.5	53.7	-0.2
	01.45-01.50	53.9	54.8	53.9	53.9	0.0
	01.50-01.55	53.8	60.3	53.8	54.3	-0.5
	01.55-02.00	65.2	56.1	67.6	54.0	13.6
14.	02.00-02.05	63.1	54.2	65.5	53.3	12.2
	02.05-02.10	55.1	54.0	51.6	53.1	-1.5
	02.10-02.15	53.9	54.5	53.9	53.5	0.4
	02.15-02.20	55.6	54.9	50.3	53.5	-3.2
	02.20-02.25	53.6	54.8	53.6	53.7	-0.1
	02.25-02.30	57.0	54.7	56.1	53.7	2.4
	02.30-02.35	59.5	54.3	60.9	53.5	7.4
	02.35-02.40	57.1	54.4	56.8	53.5	3.3
	02.40-02.45	54.2	58.3	54.2	53.3	0.9
	02.45-02.50	55.7	55.4	46.9	53.1	-6.2
	02.50-02.55	54.2	55.0	54.2	53.7	0.5
	02.55-03.00	60.8	54.9	62.5	54.1	8.4
15.	03.00-03.05	55.7	55.2	49.1	54.1	-5.0
	03.05-03.10	60.1	55.6	61.2	54.7	6.5
	03.10-03.15	58.5	55.5	58.5	54.8	3.7
	03.15-03.20	56.8	57.3	56.8	54.5	2.3
	03.20-03.25	55.0	57.2	55.0	53.8	1.2
	03.25-03.30	55.7	54.7	51.8	53.8	-2.0
	03.30-03.35	57.7	55.2	57.1	54.2	2.9
	03.35-03.40	65.2	55.0	67.8	53.2	14.6
	03.40-03.45	61.9	54.0	64.1	52.9	11.2
	03.45-03.50	63.7	54.2	66.2	53.0	13.2
	03.50-03.55	63.9	54.8	66.3	53.3	13.0
	03.55-04.00	66.9	55.3	69.6	53.5	16.1
Standard ⁽¹⁾⁽²⁾						10

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TEST REPORT

(16/3-3)

Item	Time	Result (dB(A))				
		โรงเรียนมาบยางพรวิทยาคม				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		12-13/11/23	11-12/11/23	-	11-12/11/23	-
16.	04.00-04.05	63.8	65.7	63.8	51.2	12.6
	04.05-04.10	64.6	61.9	64.3	51.1	13.2
	04.10-04.15	65.4	61.2	66.3	50.9	15.4
	04.15-04.20	63.2	59.5	63.8	51.0	12.8
	04.20-04.25	61.6	57.2	62.6	50.8	11.8
	04.25-04.30	62.7	63.7	62.7	50.5	12.2
	04.30-04.35	59.8	57.7	58.6	50.2	8.4
	04.35-04.40	61.3	59.0	60.4	50.1	10.3
	04.40-04.45	64.8	62.0	64.6	50.3	14.3
	04.45-04.50	67.3	67.1	56.8	50.6	6.2
	04.50-04.55	63.5	66.0	63.5	50.9	12.6
	04.55-05.00	64.3	64.5	64.3	50.6	13.7
17.	05.00-05.05	65.0	65.1	65.0	50.9	14.1
	05.05-05.10	59.4	64.5	59.4	50.8	8.6
	05.10-05.15	58.6	66.6	58.6	50.6	8.0
	05.15-05.20	58.2	64.2	58.2	50.7	7.5
	05.20-05.25	58.4	63.0	58.4	50.8	7.6
	05.25-05.30	63.7	64.7	63.7	51.1	12.6
	05.30-05.35	57.9	63.1	57.9	51.4	6.5
	05.35-05.40	57.6	67.3	57.6	53.1	4.5
	05.40-05.45	62.0	62.8	62.0	52.8	9.2
	05.45-05.50	62.8	60.9	61.3	52.7	8.6
	05.50-05.55	62.1	62.7	62.1	52.5	9.6
	05.55-06.00	66.5	59.5	68.5	51.3	17.2
18.	06.00-07.00	63.4	62.7	55.1	51.3	3.8
19.	07.00-08.00	64.8	63.0	60.1	48.9	11.2
20.	08.00-09.00	63.5	62.9	54.6	49.2	5.4
21.	09.00-10.00	61.1	60.8	49.3	50.0	-0.7
22.	10.00-11.00	59.3	63.5	59.3	53.7	5.6
23.	11.00-12.00	63.3	63.2	46.9	52.7	-5.8
24.	12.00-13.00	63.2	63.6	63.2	53.1	10.1
Standard ⁽¹⁾⁽²⁾						10

Standard : ⁽¹⁾ Notification of the National Environment Board No. 29 (2007) (B.E. 2550)

⁽²⁾ Notification of the Ministry of Industry (2005) (B.E. 2548)

Wannasiri S

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager

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1/6 Soi Ramkhamhaeng 145, Khwaeng / Khet Saphansung, Bangkok 10240

E-mail : admin@tet1995.com

1/6 ซอยรามคำแหง 145 แขวงสะพานสูง เขตสะพานสูง กรุงเทพมหานคร 10240

Tel : 0-2373-7799 (Auto) Fax : 0-2373-7979

TEST REPORT

Customer Name : Yamada Somboon Co., Ltd.

Report No. : 3640/2023/17-26

Project : โครงการโรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)

Report Date : November 29, 2023

Address : Siam Eastern Industrial Park 60/4, 42/12 Moo 3,

Sampling Date : November 10-17, 2023

Mabyangporn, Pluakdaeng Rayong 21140

Type of Sample : เสียงรบกวน

T. (038) 891 187-9 Ext. 207 F. (038) 891 756

Job No. : S660129/Nov

(17/1-3)

Item	Time	Result (dB(A))				
		โรงเรียนมาบยางพรวิทยาคม				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		13-14/11/23	11-12/11/23	-	11-12/11/23	-
1.	13.00-14.00	63.5	60.6	60.4	54.6	5.8
2.	14.00-15.00	63.0	61.8	56.8	54.2	2.6
3.	15.00-16.00	63.0	62.9	46.6	55.5	-8.9
4.	16.00-17.00	61.8	62.2	61.8	55.9	5.9
5.	17.00-18.00	57.6	56.3	51.7	54.4	-2.7
6.	18.00-19.00	55.8	57.6	55.8	55.4	0.4
7.	19.00-20.00	57.1	56.9	43.6	55.8	-12.2
8.	20.00-21.00	58.2	56.5	53.3	54.7	-1.4
9.	21.00-22.00	58.8	55.9	55.7	54.3	1.4
10.	22.00-22.05	58.6	55.2	58.9	53.5	5.4
	22.05-22.10	58.6	55.6	58.6	53.9	4.7
	22.10-22.15	58.1	56.3	56.4	55.4	1.0
	22.15-22.20	58.1	56.1	56.8	55.2	1.6
	22.20-22.25	58.1	56.4	56.2	55.4	0.8
	22.25-22.30	58.7	56.7	57.4	55.6	1.8
	22.30-22.35	58.2	55.4	58.0	54.3	3.7
	22.35-22.40	58.5	55.3	58.7	53.8	4.9
	22.40-22.45	59.1	64.3	59.1	53.7	5.4
	22.45-22.50	59.1	55.9	59.3	53.7	5.6
	22.50-22.55	59.0	54.1	60.3	53.4	6.9
	22.55-23.00	59.0	59.1	59.0	53.4	5.6
11.	23.00-23.05	60.0	55.1	61.3	53.2	8.1
	23.05-23.10	59.8	54.7	61.2	53.2	8.0
	23.10-23.15	58.7	59.0	58.7	55.5	3.2
	23.15-23.20	57.8	56.4	55.2	54.9	0.3
	23.20-23.25	57.7	54.5	57.9	53.1	4.8
	23.25-23.30	58.4	54.2	59.3	53.3	6.0
	23.30-23.35	57.8	56.9	53.5	53.1	0.4
	23.35-23.40	55.0	55.5	55.0	52.7	2.3
	23.40-23.45	55.3	53.4	53.8	52.5	1.3
	23.45-23.50	55.4	53.5	53.9	52.7	1.2
	23.50-23.55	56.4	53.4	56.4	52.7	3.7
	23.55-00.00	56.2	53.5	55.9	52.8	3.1
Standard ⁽¹⁾⁽²⁾						10

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TEST REPORT

(17/2-3)

Item	Time	Result (dB(A))				
		โรงเรียนมาบยางพรวิทยาคม				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		13-14/11/23	11-12/11/23	-	11-12/11/23	-
12.	00.00-00.05	56.3	54.1	55.3	53.1	2.2
	00.05-00.10	54.9	54.0	50.6	53.2	-2.6
	00.10-00.15	57.9	55.4	57.3	53.6	3.7
	00.15-00.20	66.4	55.7	69.0	55.0	14.0
	00.20-00.25	55.0	56.0	55.0	55.2	-0.2
	00.25-00.30	58.2	58.6	58.2	54.7	3.5
	00.30-00.35	57.3	54.8	56.7	53.8	2.9
	00.35-00.40	61.3	54.7	63.2	53.6	9.6
	00.40-00.45	56.8	54.7	55.6	53.3	2.3
	00.45-00.50	57.4	55.1	56.5	53.4	3.1
13.	00.50-00.55	59.2	59.7	59.2	53.7	5.5
	00.55-01.00	58.2	58.3	58.2	53.4	4.8
	01.00-01.05	60.5	59.4	57.0	53.5	3.5
	01.05-01.10	58.1	54.7	58.4	53.5	4.9
	01.10-01.15	57.9	54.6	58.2	53.9	4.3
	01.15-01.20	58.6	55.0	59.1	54.1	5.0
	01.20-01.25	57.8	55.6	56.8	54.2	2.6
	01.25-01.30	58.0	55.3	57.7	54.3	3.4
	01.30-01.35	57.8	56.4	55.2	54.2	1.0
	01.35-01.40	57.8	64.0	57.8	54.4	3.4
14.	01.40-01.45	59.4	56.8	58.9	53.7	5.2
	01.45-01.50	57.7	54.8	57.6	53.9	3.7
	01.50-01.55	58.1	60.3	58.1	54.3	3.8
	01.55-02.00	58.5	56.1	57.8	54.0	3.8
	02.00-02.05	58.3	54.2	59.2	53.3	5.9
	02.05-02.10	58.0	54.0	58.8	53.1	5.7
	02.10-02.15	64.3	54.5	66.8	53.5	13.3
	02.15-02.20	59.7	54.9	61.0	53.5	7.5
	02.20-02.25	57.9	54.8	58.0	53.7	4.3
	02.25-02.30	57.9	54.7	58.1	53.7	4.4
15.	02.30-02.35	60.4	54.3	62.2	53.5	8.7
	02.35-02.40	57.8	54.4	58.1	53.5	4.6
	02.40-02.45	58.0	58.3	58.0	53.3	4.7
	02.45-02.50	57.8	55.4	57.1	53.1	4.0
	02.50-02.55	57.7	55.0	57.4	53.7	3.7
	02.55-03.00	58.2	54.9	58.5	54.1	4.4
	03.00-03.05	57.5	55.2	56.6	54.1	2.5
	03.05-03.10	57.7	55.6	56.5	54.7	1.8
	03.10-03.15	57.8	55.5	56.9	54.8	2.1
	03.15-03.20	57.9	57.3	52.0	54.5	-2.5
	03.20-03.25	57.6	57.2	50.0	53.8	-3.8
	03.25-03.30	57.7	54.7	57.7	53.8	3.9
	03.30-03.35	60.5	55.2	62.0	54.2	7.8
	03.35-03.40	63.8	55.0	66.2	53.2	13.0
	03.40-03.45	58.5	54.0	59.6	52.9	6.7
	03.45-03.50	58.5	54.2	59.5	53.0	6.5
	03.50-03.55	58.5	54.8	59.1	53.3	5.8
	03.55-04.00	58.4	55.3	58.5	53.5	5.0
Standard ⁽¹⁾⁽²⁾						10

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TEST REPORT

(17/3-3)

Item	Time	Result (dB(A))				
		โรงเรียนมาบยางพรวิทยาคม				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		13-14/11/23	11-12/11/23	-	11-12/11/23	-
16.	04.00-04.05	60.9	65.7	60.9	51.2	9.7
	04.05-04.10	58.3	61.9	58.3	51.1	7.2
	04.10-04.15	58.1	61.2	58.1	50.9	7.2
	04.15-04.20	57.5	59.5	57.5	51.0	6.5
	04.20-04.25	57.0	57.2	57.0	50.8	6.2
	04.25-04.30	58.4	63.7	58.4	50.5	7.9
	04.30-04.35	65.8	57.7	68.1	50.2	17.9
	04.35-04.40	68.2	59.0	70.6	50.1	20.5
	04.40-04.45	61.8	62.0	61.8	50.3	11.5
	04.45-04.50	62.3	67.1	62.3	50.6	11.7
	04.50-04.55	56.9	66.0	56.9	50.9	6.0
	04.55-05.00	56.0	64.5	56.0	50.6	5.4
17.	05.00-05.05	55.4	65.1	55.4	50.9	4.5
	05.05-05.10	55.7	64.5	55.7	50.8	4.9
	05.10-05.15	56.2	66.6	56.2	50.6	5.6
	05.15-05.20	56.4	64.2	56.4	50.7	5.7
	05.20-05.25	57.5	63.0	57.5	50.8	6.7
	05.25-05.30	67.0	64.7	66.1	51.1	15.0
	05.30-05.35	60.5	63.1	60.5	51.4	9.1
	05.35-05.40	65.6	67.3	65.6	53.1	12.5
	05.40-05.45	64.9	62.8	63.7	52.8	10.9
	05.45-05.50	61.8	60.9	57.5	52.7	4.8
	05.50-05.55	63.8	62.7	60.3	52.5	7.8
	05.55-06.00	64.9	59.5	66.4	51.3	15.1
18.	06.00-07.00	65.5	62.7	62.3	51.3	11.0
19.	07.00-08.00	63.0	63.0	63.0	48.9	14.1
20.	08.00-09.00	63.1	62.9	49.6	49.2	0.4
21.	09.00-10.00	63.4	60.8	59.9	50.0	9.9
22.	10.00-11.00	60.7	63.5	60.7	53.7	7.0
23.	11.00-12.00	58.3	63.2	58.3	52.7	5.6
24.	12.00-13.00	62.1	63.6	62.1	53.1	9.0
Standard ⁽¹⁾⁽²⁾						10

Standard : ⁽¹⁾ Notification of the National Environment Board No. 29 (2007) (B.E. 2550)

⁽²⁾ Notification of the Ministry of Industry (2005) (B.E. 2548)

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager

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TEST REPORT

Customer Name : Yamada Somboon Co., Ltd.

Report No. : 3640/2023/18-26

Project : โครงการโรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)

Report Date : November 29, 2023

Address : Siam Eastern Industrial Park 60/4, 42/12 Moo 3,

Sampling Date : November 10-17, 2023

Mabyangporn, Pluakdaeng Rayong 21140

Type of Sample : เสียงรบกวน

T. (038) 891 187-9 Ext. 207 F. (038) 891 756

Job No. : S660129/Nov

(18/1-3)

Item	Time	Result (dB(A))				
		โรงเรียนมาบยางพรวิทยาคม				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีกรรบกวน (Leq)	ระดับเสียงขณะมีกรรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		14-15/11/23	11-12/11/23	-	11-12/11/23	-
1.	13.00-14.00	61.2	60.6	52.3	54.6	-2.3
2.	14.00-15.00	62.2	61.8	51.6	54.2	-2.6
3.	15.00-16.00	62.2	62.9	62.2	55.5	6.7
4.	16.00-17.00	62.1	62.2	62.1	55.9	6.2
5.	17.00-18.00	59.8	56.3	57.2	54.4	2.8
6.	18.00-19.00	58.9	57.6	53.0	55.4	-2.4
7.	19.00-20.00	57.7	56.9	50.0	55.8	-5.8
8.	20.00-21.00	58.6	56.5	54.4	54.7	-0.3
9.	21.00-22.00	58.8	55.9	55.7	54.3	1.4
10.	22.00-22.05	58.8	55.2	59.3	53.5	5.8
	22.05-22.10	58.9	55.6	59.2	53.9	5.3
11.	22.10-22.15	59.0	56.3	58.7	55.4	3.3
	22.15-22.20	58.3	56.1	57.3	55.2	2.1
	22.20-22.25	58.1	56.4	56.2	55.4	0.8
	22.25-22.30	58.0	56.7	55.1	55.6	-0.5
	22.30-22.35	57.9	55.4	57.3	54.3	3.0
	22.35-22.40	58.1	55.3	57.9	53.8	4.1
	22.40-22.45	57.9	64.3	57.9	53.7	4.2
	22.45-22.50	58.3	55.9	57.6	53.7	3.9
	22.50-22.55	58.1	54.1	58.9	53.4	5.5
	22.55-23.00	58.4	59.1	58.4	53.4	5.0
	23.00-23.05	58.1	55.1	58.1	53.2	4.9
	23.05-23.10	56.0	54.7	53.1	53.2	-0.1
	23.10-23.15	54.8	59.0	54.8	55.5	-0.7
	23.15-23.20	55.0	56.4	55.0	54.9	0.1
	23.20-23.25	56.0	54.5	53.7	53.1	0.6
	23.25-23.30	56.4	54.2	55.4	53.3	2.1
	23.30-23.35	54.9	56.9	54.9	53.1	1.8
	23.35-23.40	55.5	55.5	55.5	52.7	2.8
	23.40-23.45	55.2	53.4	53.5	52.5	1.0
	23.45-23.50	55.7	53.5	54.7	52.7	2.0
	23.50-23.55	55.8	53.4	55.1	52.7	2.4
	23.55-00.00	55.6	53.5	54.4	52.8	1.6
Standard ⁽¹⁾⁽²⁾						10



TEST REPORT

(18/2-3)

Item	Time	Result (dB(A))				
		โรงเรียนมาบยางพรวิทยาคม				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		14-15/11/23	11-12/11/23	-	11-12/11/23	-
12.	00.00-00.05	55.2	54.1	51.7	53.1	-1.4
	00.05-00.10	54.2	54.0	43.7	53.2	-9.5
	00.10-00.15	54.8	55.4	54.8	53.6	1.2
	00.15-00.20	57.7	55.7	56.4	55.0	1.4
	00.20-00.25	57.7	56.0	55.8	55.2	0.6
	00.25-00.30	57.3	58.6	57.3	54.7	2.6
	00.30-00.35	57.7	54.8	57.6	53.8	3.8
	00.35-00.40	58.1	54.7	58.4	53.6	4.8
	00.40-00.45	58.4	54.7	59.0	53.3	5.7
	00.45-00.50	58.0	55.1	57.9	53.4	4.5
	00.50-00.55	57.9	59.7	57.9	53.7	4.2
	00.55-01.00	57.6	58.3	57.6	53.4	4.2
13.	01.00-01.05	57.8	59.4	57.8	53.5	4.3
	01.05-01.10	57.9	54.7	58.1	53.5	4.6
	01.10-01.15	58.4	54.6	59.1	53.9	5.2
	01.15-01.20	63.2	55.0	65.5	54.1	11.4
	01.20-01.25	58.7	55.6	58.8	54.2	4.6
	01.25-01.30	57.9	55.3	57.4	54.3	3.1
	01.30-01.35	57.8	56.4	55.2	54.2	1.0
	01.35-01.40	57.9	64.0	57.9	54.4	3.5
	01.40-01.45	62.9	56.8	64.7	53.7	11.0
	01.45-01.50	58.3	54.8	58.7	53.9	4.8
	01.50-01.55	58.7	60.3	58.7	54.3	4.4
	01.55-02.00	58.4	56.1	57.5	54.0	3.5
14.	02.00-02.05	58.4	54.2	59.3	53.3	6.0
	02.05-02.10	58.5	54.0	59.6	53.1	6.5
	02.10-02.15	58.0	54.5	58.4	53.5	4.9
	02.15-02.20	58.4	54.9	58.8	53.5	5.3
	02.20-02.25	57.8	54.8	57.8	53.7	4.1
	02.25-02.30	63.0	54.7	65.3	53.7	11.6
	02.30-02.35	59.1	54.3	60.4	53.5	6.9
	02.35-02.40	57.9	54.4	58.3	53.5	4.8
	02.40-02.45	57.8	58.3	57.8	53.3	4.5
	02.45-02.50	57.6	55.4	56.6	53.1	3.5
	02.50-02.55	57.4	55.0	56.7	53.7	3.0
	02.55-03.00	57.2	54.9	56.3	54.1	2.2
15.	03.00-03.05	57.6	55.2	56.9	54.1	2.8
	03.05-03.10	59.1	55.6	59.5	54.7	4.8
	03.10-03.15	58.0	55.5	57.4	54.8	2.6
	03.15-03.20	58.1	57.3	53.4	54.5	-1.1
	03.20-03.25	58.3	57.2	54.8	53.8	1.0
	03.25-03.30	58.2	54.7	58.6	53.8	4.8
	03.30-03.35	57.9	55.2	57.6	54.2	3.4
	03.35-03.40	58.0	55.0	58.0	53.2	4.8
	03.40-03.45	57.7	54.0	58.3	52.9	5.4
	03.45-03.50	60.8	54.2	62.7	53.0	9.7
	03.50-03.55	60.0	54.8	61.4	53.3	8.1
	03.55-04.00	58.6	55.3	58.9	53.5	5.4
Standard ⁽¹⁾⁽²⁾						10

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TEST REPORT

(18/3-3)

Item	Time	Result (dB(A))				
		โรงเรียนมาบยางพรวิทยาคม				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		14-15/11/23	11-12/11/23	-	11-12/11/23	-
16.	04.00-04.05	59.5	65.7	59.5	51.2	8.3
	04.05-04.10	59.5	61.9	59.5	51.1	8.4
	04.10-04.15	57.5	61.2	57.5	50.9	6.6
	04.15-04.20	61.3	59.5	59.6	51.0	8.6
	04.20-04.25	65.9	57.2	68.3	50.8	17.5
	04.25-04.30	63.1	63.7	63.1	50.5	12.6
	04.30-04.35	60.2	57.7	59.6	50.2	9.4
	04.35-04.40	63.9	59.0	65.2	50.1	15.1
	04.40-04.45	58.2	62.0	58.2	50.3	7.9
	04.45-04.50	57.9	67.1	57.9	50.6	7.3
	04.50-04.55	61.7	66.0	61.7	50.9	10.8
	04.55-05.00	61.1	64.5	61.1	50.6	10.5
	05.00-05.05	63.4	65.1	63.4	50.9	12.5
	05.05-05.10	61.6	64.5	61.6	50.8	10.8
17.	05.10-05.15	65.3	66.6	65.3	50.6	14.7
	05.15-05.20	64.0	64.2	64.0	50.7	13.3
	05.20-05.25	61.3	63.0	61.3	50.8	10.5
	05.25-05.30	63.9	64.7	63.9	51.1	12.8
	05.30-05.35	63.1	63.1	63.1	51.4	11.7
	05.35-05.40	63.0	67.3	63.0	53.1	9.9
	05.40-05.45	62.4	62.8	62.4	52.8	9.6
	05.45-05.50	63.1	60.9	62.1	52.7	9.4
	05.50-05.55	61.1	62.7	61.1	52.5	8.6
	05.55-06.00	63.1	59.5	63.6	51.3	12.3
	06.00-07.00	61.9	62.7	61.9	51.3	10.6
	07.00-08.00	65.3	63.0	61.4	48.9	12.5
	08.00-09.00	64.0	62.9	57.5	49.2	8.3
	09.00-10.00	62.9	60.8	58.7	50.0	8.7
	10.00-11.00	58.8	63.5	58.8	53.7	5.1
23.	11.00-12.00	60.2	63.2	60.2	52.7	7.5
	12.00-13.00	59.7	63.6	59.7	53.1	6.6
Standard ⁽¹⁾⁽²⁾						10

Standard : ⁽¹⁾ Notification of the National Environment Board No. 29 (2007) (B.E. 2550)

⁽²⁾ Notification of the Ministry of Industry (2005) (B.E. 2548)

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager

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TEST REPORT

Customer Name : Yamada Somboon Co., Ltd.

Report No. : 3640/2023/19-26

Project : โครงการโรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)

Report Date : November 29, 2023

Address : Siam Eastern Industrial Park 60/4, 42/12 Moo 3,

Sampling Date : November 10-17, 2023

Mabyangporn, Pluakdaeng Rayong 21140

Type of Sample : เสียงรบกวน

T. (038) 891 187-9 Ext. 207 F. (038) 891 756

Job No. : S660129/Nov

(19/1-3)

Item	Time	Result (dB(A))				
		โรงเรียนมาบยางพรวิทยาคม				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		15-16/11/23	11-12/11/23	-	11-12/11/23	-
1.	13.00-14.00	61.9	60.6	56.0	54.6	1.4
2.	14.00-15.00	60.9	61.8	60.9	54.2	6.7
3.	15.00-16.00	61.8	62.9	61.8	55.5	6.3
4.	16.00-17.00	58.3	62.2	58.3	55.9	2.4
5.	17.00-18.00	58.1	56.3	53.4	54.4	-1.0
6.	18.00-19.00	58.6	57.6	51.7	55.4	-3.7
7.	19.00-20.00	58.1	56.9	51.9	55.8	-3.9
8.	20.00-21.00	60.2	56.5	57.8	54.7	3.1
9.	21.00-22.00	58.7	55.9	55.5	54.3	1.2
10.	22.00-22.05	59.0	55.2	59.7	53.5	6.2
	22.05-22.10	59.9	55.6	60.9	53.9	7.0
	22.10-22.15	58.7	56.3	58.0	55.4	2.6
	22.15-22.20	61.4	56.1	62.9	55.2	7.7
	22.20-22.25	54.9	56.4	54.9	55.4	-0.5
	22.25-22.30	55.0	56.7	55.0	55.6	-0.6
	22.30-22.35	54.4	55.4	54.4	54.3	0.1
	22.35-22.40	55.3	55.3	55.3	53.8	1.5
	22.40-22.45	55.5	64.3	55.5	53.7	1.8
	22.45-22.50	56.0	55.9	42.6	53.7	-11.1
	22.50-22.55	55.9	54.1	54.2	53.4	0.8
	22.55-23.00	56.2	59.1	56.2	53.4	2.8
11.	23.00-23.05	57.1	55.1	55.8	53.2	2.6
	23.05-23.10	57.0	54.7	56.1	53.2	2.9
	23.10-23.15	56.3	59.0	56.3	55.5	0.8
	23.15-23.20	56.4	56.4	56.4	54.9	1.5
	23.20-23.25	55.6	54.5	52.1	53.1	-1.0
	23.25-23.30	60.9	54.2	62.9	53.3	9.6
	23.30-23.35	56.4	56.9	56.4	53.1	3.3
	23.35-23.40	60.7	55.5	62.1	52.7	9.4
	23.40-23.45	58.4	53.4	59.7	52.5	7.2
	23.45-23.50	57.9	53.5	58.9	52.7	6.2
	23.50-23.55	57.9	53.4	59.0	52.7	6.3
	23.55-00.00	58.4	53.5	59.7	52.8	6.9
Standard ⁽¹⁾⁽²⁾						10



TEST REPORT

(19/2-3)

Item	Time	Result (dB(A))				
		โรงเรียนมาบยางพรวิทยาคม				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		15-16/11/23	11-12/11/23	-	11-12/11/23	-
12.	00.00-00.05	58.2	54.1	59.1	53.1	6.0
	00.05-00.10	58.3	54.0	59.3	53.2	6.1
	00.10-00.15	58.0	55.4	57.5	53.6	3.9
	00.15-00.20	61.1	55.7	62.6	55.0	7.6
	00.20-00.25	58.4	56.0	57.7	55.2	2.5
	00.25-00.30	58.6	58.6	58.6	54.7	3.9
	00.30-00.35	59.7	54.8	61.0	53.8	7.2
	00.35-00.40	57.8	54.7	57.9	53.6	4.3
	00.40-00.45	58.7	54.7	59.5	53.3	6.2
	00.45-00.50	57.8	55.1	57.5	53.4	4.1
13.	00.50-00.55	57.8	59.7	57.8	53.7	4.1
	00.55-01.00	58.1	58.3	58.1	53.4	4.7
	01.00-01.05	58.1	59.4	58.1	53.5	4.6
	01.05-01.10	57.8	54.7	57.9	53.5	4.4
	01.10-01.15	57.9	54.6	58.2	53.9	4.3
	01.15-01.20	57.7	55.0	57.4	54.1	3.3
	01.20-01.25	58.3	55.6	58.0	54.2	3.8
	01.25-01.30	58.1	55.3	57.9	54.3	3.6
	01.30-01.35	58.5	56.4	57.3	54.2	3.1
	01.35-01.40	58.3	64.0	58.3	54.4	3.9
14.	01.40-01.45	58.0	56.8	54.8	53.7	1.1
	01.45-01.50	58.5	54.8	59.1	53.9	5.2
	01.50-01.55	58.3	60.3	58.3	54.3	4.0
	01.55-02.00	58.0	56.1	56.5	54.0	2.5
	02.00-02.05	58.2	54.2	59.0	53.3	5.7
	02.05-02.10	58.3	54.0	59.3	53.1	6.2
	02.10-02.15	58.3	54.5	59.0	53.5	5.5
	02.15-02.20	58.6	54.9	59.2	53.5	5.7
	02.20-02.25	58.2	54.8	58.5	53.7	4.8
	02.25-02.30	58.3	54.7	58.8	53.7	5.1
15.	02.30-02.35	60.0	54.3	61.6	53.5	8.1
	02.35-02.40	62.9	54.4	65.2	53.5	11.7
	02.40-02.45	59.2	58.3	54.9	53.3	1.6
	02.45-02.50	57.7	55.4	56.8	53.1	3.7
	02.50-02.55	57.7	55.0	57.4	53.7	3.7
	02.55-03.00	57.9	54.9	57.9	54.1	3.8
	03.00-03.05	63.1	55.2	65.3	54.1	11.2
	03.05-03.10	57.5	55.6	56.0	54.7	1.3
	03.10-03.15	58.0	55.5	57.4	54.8	2.6
	03.15-03.20	57.9	57.3	52.0	54.5	-2.5
	03.20-03.25	57.8	57.2	51.9	53.8	-1.9
	03.25-03.30	57.7	54.7	57.7	53.8	3.9
	03.30-03.35	57.5	55.2	56.6	54.2	2.4
	03.35-03.40	60.0	55.0	61.3	53.2	8.1
	03.40-03.45	61.4	54.0	63.5	52.9	10.6
	03.45-03.50	59.9	54.2	61.5	53.0	8.5
	03.50-03.55	62.9	54.8	65.2	53.3	11.9
	03.55-04.00	60.6	55.3	62.1	53.5	8.6
Standard ⁽¹⁾⁽²⁾						10

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TEST REPORT

(19/3-3)

Item	Time	Result (dB(A))				
		โรงเรียนมาบยางพรวิทยาคม				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		15-16/11/23	11-12/11/23	-	11-12/11/23	-
16.	04.00-04.05	59.4	65.7	59.4	51.2	8.2
	04.05-04.10	62.6	61.9	57.3	51.1	6.2
	04.10-04.15	64.5	61.2	64.8	50.9	13.9
	04.15-04.20	65.0	59.5	66.6	51.0	15.6
	04.20-04.25	63.7	57.2	65.6	50.8	14.8
	04.25-04.30	64.6	63.7	60.3	50.5	9.8
	04.30-04.35	63.2	57.7	64.8	50.2	14.6
	04.35-04.40	64.5	59.0	66.1	50.1	16.0
	04.40-04.45	65.1	62.0	65.2	50.3	14.9
	04.45-04.50	63.9	67.1	63.9	50.6	13.3
	04.50-04.55	61.6	66.0	61.6	50.9	10.7
	04.55-05.00	60.4	64.5	60.4	50.6	9.8
17.	05.00-05.05	60.4	65.1	60.4	50.9	9.5
	05.05-05.10	60.6	64.5	60.6	50.8	9.8
	05.10-05.15	66.6	66.6	66.6	50.6	16.0
	05.15-05.20	61.1	64.2	61.1	50.7	10.4
	05.20-05.25	63.4	63.0	55.8	50.8	5.0
	05.25-05.30	61.7	64.7	61.7	51.1	10.6
	05.30-05.35	65.4	63.1	64.5	51.4	13.1
	05.35-05.40	65.6	67.3	65.6	53.1	12.5
	05.40-05.45	65.2	62.8	64.5	52.8	11.7
	05.45-05.50	62.8	60.9	61.3	52.7	8.6
	05.50-05.55	62.3	62.7	62.3	52.5	9.8
	05.55-06.00	61.7	59.5	60.7	51.3	9.4
18.	06.00-07.00	63.5	62.7	55.8	51.3	4.5
19.	07.00-08.00	61.9	63.0	61.9	48.9	13.0
20.	08.00-09.00	61.2	62.9	61.2	49.2	12.0
21.	09.00-10.00	65.4	60.8	63.6	50.0	13.6
22.	10.00-11.00	59.9	63.5	59.9	53.7	6.2
23.	11.00-12.00	58.9	63.2	58.9	52.7	6.2
24.	12.00-13.00	60.7	63.6	60.7	53.1	7.6
Standard ⁽¹⁾⁽²⁾						10

Standard : ⁽¹⁾ Notification of the National Environment Board No. 29 (2007) (B.E. 2550)

⁽²⁾ Notification of the Ministry of Industry (2005) (B.E. 2548)

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager

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1/6 Soi Ramkhamhaeng 145, Khwaeng / Khet Saphansung, Bangkok 10240

E-mail : admin@tet1995.com

1/6 ซอยรามคำแหง 145 แขวงสะพานสูง เขตสะพานสูง กรุงเทพมหานคร 10240

Tel : 0-2373-7799 (Auto) Fax : 0-2373-7979

TEST REPORT

Customer Name : Yamada Somboon Co., Ltd.

Report No. : 3640/2023/20-26

Project : โครงการโรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)

Report Date : November 29, 2023

Address : Siam Eastern Industrial Park 60/4, 42/12 Moo 3,

Sampling Date : November 10-17, 2023

Mabyangporn, Pluakdaeng Rayong 21140

Type of Sample : เสียงรบกวน

T. (038) 891 187-9 Ext. 207 F. (038) 891 756

Job No. : S660129/Nov

(20/1-3)

Item	Time	Result (dB(A))				
		โรงเรียนมาบยางพรวิทยาคม				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		16-17/11/23	11-12/11/23	-	11-12/11/23	-
1.	13.00-14.00	61.8	60.6	55.6	54.6	1.0
2.	14.00-15.00	58.9	61.8	58.9	54.2	4.7
3.	15.00-16.00	61.0	62.9	61.0	55.5	5.5
4.	16.00-17.00	62.1	62.2	62.1	55.9	6.2
5.	17.00-18.00	62.1	56.3	60.8	54.4	6.4
6.	18.00-19.00	58.2	57.6	49.3	55.4	-6.1
7.	19.00-20.00	61.1	56.9	59.0	55.8	3.2
8.	20.00-21.00	56.8	56.5	45.0	54.7	-9.7
9.	21.00-22.00	58.2	55.9	54.3	54.3	0.0
10.	22.00-22.05	61.7	55.2	60.7	53.5	9.4
	22.05-22.10	58.7	55.6	59.1	53.9	5.6
	22.10-22.15	62.3	56.3	64.3	55.4	10.4
	22.15-22.20	58.9	56.1	58.4	55.2	3.0
	22.20-22.25	57.8	56.4	55.9	55.4	0.7
	22.25-22.30	57.9	56.7	55.6	55.6	0.2
	22.30-22.35	58.2	55.4	55.9	54.3	0.3
	22.35-22.40	58.4	55.3	58.4	53.8	4.1
	22.40-22.45	57.9	64.3	57.4	53.7	3.6
	22.45-22.50	58.9	55.9	58.9	53.7	5.2
	22.50-22.55	58.8	54.1	58.7	53.4	5.0
	22.55-23.00	58.1	59.1	58.9	53.4	5.5
11.	23.00-23.05	58.3	55.1	58.3	53.2	4.9
	23.05-23.10	58.3	54.7	58.5	53.2	5.3
	23.10-23.15	60.4	59.0	62.0	55.5	8.8
	23.15-23.20	58.3	56.4	58.3	54.9	2.8
	23.20-23.25	58.9	54.5	58.3	53.1	3.4
	23.25-23.30	56.0	54.2	53.7	53.3	0.6
	23.30-23.35	53.9	56.9	53.9	53.1	0.6
	23.35-23.40	58.3	55.5	55.7	52.7	2.6
	23.40-23.45	57.3	53.4	55.6	52.5	2.9
	23.45-23.50	53.3	53.5	53.3	52.7	0.8
	23.50-23.55	55.6	53.4	54.4	52.7	1.7
	23.55-00.00	56.2	53.5	56.0	52.8	3.3
Standard ⁽¹⁾⁽²⁾						10

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TEST REPORT

(20/2-3)

Item	Time	Result (dB(A))				
		โรงเรียนมาบยางพรวิทยาคม				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		16-17/11/23	11-12/11/23	-	11-12/11/23	-
12.	00.00-00.05	54.2	54.1	40.8	53.1	-12.3
	00.05-00.10	59.5	54.0	61.1	53.2	7.9
	00.10-00.15	65.8	55.4	68.4	53.6	14.8
	00.15-00.20	57.1	55.7	54.5	55.0	-0.5
	00.20-00.25	54.0	56.0	54.0	55.2	-1.2
	00.25-00.30	59.4	58.6	54.7	54.7	0.0
	00.30-00.35	61.0	54.8	62.8	53.8	9.0
	00.35-00.40	57.1	54.7	56.4	53.6	2.8
	00.40-00.45	57.3	54.7	56.8	53.3	3.5
	00.45-00.50	57.9	55.1	57.7	53.4	4.3
	00.50-00.55	58.8	59.7	58.8	53.7	5.1
	00.55-01.00	58.1	58.3	58.1	53.4	4.7
13.	01.00-01.05	58.7	59.4	58.7	53.5	5.2
	01.05-01.10	57.9	54.7	58.1	53.5	4.6
	01.10-01.15	58.4	54.6	59.1	53.9	5.2
	01.15-01.20	60.3	55.0	61.8	54.1	7.7
	01.20-01.25	57.8	55.6	56.8	54.2	2.6
	01.25-01.30	57.8	55.3	57.2	54.3	2.9
	01.30-01.35	57.8	56.4	55.2	54.2	1.0
	01.35-01.40	58.8	64.0	58.8	54.4	4.4
	01.40-01.45	58.6	56.8	56.9	53.7	3.2
	01.45-01.50	58.7	54.8	59.4	53.9	5.5
	01.50-01.55	58.7	60.3	58.7	54.3	4.4
	01.55-02.00	58.7	56.1	58.2	54.0	4.2
14.	02.00-02.05	58.2	54.2	59.0	53.3	5.7
	02.05-02.10	60.4	54.0	62.3	53.1	9.2
	02.10-02.15	58.8	54.5	59.8	53.5	6.3
	02.15-02.20	58.8	54.9	59.5	53.5	6.0
	02.20-02.25	57.6	54.8	57.4	53.7	3.7
	02.25-02.30	57.8	54.7	57.9	53.7	4.2
	02.30-02.35	57.5	54.3	57.7	53.5	4.2
	02.35-02.40	57.5	54.4	57.6	53.5	4.1
	02.40-02.45	57.4	58.3	57.4	53.3	4.1
	02.45-02.50	57.3	55.4	55.8	53.1	2.7
	02.50-02.55	58.0	55.0	58.0	53.7	4.3
	02.55-03.00	58.2	54.9	58.5	54.1	4.4
15.	03.00-03.05	58.2	55.2	58.2	54.1	4.1
	03.05-03.10	57.5	55.6	56.0	54.7	1.3
	03.10-03.15	57.1	55.5	55.0	54.8	0.2
	03.15-03.20	60.9	57.3	61.4	54.5	6.9
	03.20-03.25	61.5	57.2	62.5	53.8	8.7
	03.25-03.30	63.7	54.7	66.1	53.8	12.3
	03.30-03.35	57.6	55.2	56.9	54.2	2.7
	03.35-03.40	57.3	55.0	56.4	53.2	3.2
	03.40-03.45	57.4	54.0	57.7	52.9	4.8
	03.45-03.50	57.7	54.2	58.1	53.0	5.1
	03.50-03.55	57.6	54.8	57.4	53.3	4.1
	03.55-04.00	57.8	55.3	57.2	53.5	3.7
Standard ⁽¹⁾⁽²⁾						10

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TEST REPORT

(20/3-3)

Item	Time	Result (dB(A))				
		โรงเรียนมาบยางพรวิทยาคม				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีกรรบกวน (Leq)	ระดับเสียงขณะมีกรรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		16-17/11/23	11-12/11/23	-	11-12/11/23	-
16.	04.00-04.05	57.9	65.7	57.9	51.2	6.7
	04.05-04.10	59.6	61.9	59.6	51.1	8.5
	04.10-04.15	55.5	61.2	55.5	50.9	4.6
	04.15-04.20	54.5	59.5	54.5	51.0	3.5
	04.20-04.25	56.4	57.2	56.4	50.8	5.6
	04.25-04.30	56.1	63.7	56.1	50.5	5.6
	04.30-04.35	54.3	57.7	54.3	50.2	4.1
	04.35-04.40	62.7	59.0	63.3	50.1	13.2
	04.40-04.45	59.4	62.0	59.4	50.3	9.1
	04.45-04.50	58.2	67.1	58.2	50.6	7.6
	04.50-04.55	60.2	66.0	60.2	50.9	9.3
	04.55-05.00	57.0	64.5	57.0	50.6	6.4
17.	05.00-05.05	61.7	65.1	61.7	50.9	10.8
	05.05-05.10	64.3	64.5	64.3	50.8	13.5
	05.10-05.15	62.5	66.6	62.5	50.6	11.9
	05.15-05.20	61.0	64.2	61.0	50.7	10.3
	05.20-05.25	60.9	63.0	60.9	50.8	10.1
	05.25-05.30	64.5	64.7	64.5	51.1	13.4
	05.30-05.35	63.3	63.1	62.8	51.4	1.4
	05.35-05.40	64.4	67.3	64.4	53.1	11.3
	05.40-05.45	65.6	62.8	65.4	52.8	12.6
	05.45-05.50	63.2	60.9	62.3	52.7	9.6
	05.50-05.55	63.4	62.7	58.1	52.5	5.6
	05.55-06.00	62.2	59.5	61.9	51.3	10.6
18.	06.00-07.00	64.0	62.7	58.1	51.3	6.8
19.	07.00-08.00	62.4	63.0	62.4	48.9	13.5
20.	08.00-09.00	62.5	62.9	62.5	49.2	13.3
21.	09.00-10.00	62.8	60.8	58.5	50.0	8.5
22.	10.00-11.00	61.5	63.5	61.5	53.7	7.8
23.	11.00-12.00	61.2	63.2	61.2	52.7	8.5
24.	12.00-13.00	60.7	63.6	60.7	53.1	7.6
Standard ⁽¹⁾⁽²⁾						10

Standard : ⁽¹⁾ Notification of the National Environment Board No. 29 (2007) (B.E. 2550)

⁽²⁾ Notification of the Ministry of Industry (2005) (B.E. 2548)

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager

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1/6 Soi Ramkhamhaeng 145, Khwaeng / Khet Saphansung, Bangkok 10240
1/6 ซอยรามคำแหง 145 แขวงสะพานสูง เขตสะพานสูง กรุงเทพมหานคร 10240

E-mail : admin@tet1995.com
Tel : 0-2373-7799 (Auto) Fax : 0-2373-7979

TEST REPORT

Customer Name : Yamada Somboon Co., Ltd. Report No. : 3640/2023/21-26
Project : โครงการโรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3) Report Date : November 29, 2023
Address : Siam Eastern Industrial Park 60/4, 42/12 Moo 3, Sampling Date : November 10-17, 2023
Mabyangporn, Pluakdaeng Rayong 21140 Type of Sample : เสียงรบกวน
T. (038) 891 187-9 Ext. 207 F. (038) 891 756
Job No. : S660129/Nov

(21/1-3)

Item	Time	Result (dB(A))				
		รพ. สต. บ้านมาบยางพร				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		10-11/11/23	11-12/11/23	-	11-12/11/23	-
1.	14.00-15.00	55.1	48.5	54.0	43.6	10.4
2.	15.00-16.00	57.0	58.0	57.0	50.8	6.2
3.	16.00-17.00	54.4	53.2	48.2	51.0	-2.8
4.	17.00-18.00	54.4	52.6	49.7	49.4	0.3
5.	18.00-19.00	57.7	58.9	57.7	58.3	-0.6
6.	19.00-20.00	59.8	59.1	51.5	57.4	-5.9
7.	20.00-21.00	58.2	56.4	53.5	55.6	-2.1
8.	21.00-22.00	56.9	54.1	53.7	53.1	0.6
9.	22.00-22.05	55.1	53.2	53.6	52.0	1.6
	22.05-22.10	55.1	53.0	53.9	51.6	2.3
	22.10-22.15	55.1	52.8	54.2	51.8	2.4
	22.15-22.20	54.8	53.5	51.9	52.6	-0.7
	22.20-22.25	55.2	53.4	53.5	52.4	1.1
	22.25-22.30	54.8	54.0	50.1	53.0	-2.9
	22.30-22.35	54.7	54.3	47.1	53.3	-6.2
	22.35-22.40	54.9	54.1	50.2	52.9	-2.7
	22.40-22.45	54.4	53.2	51.2	52.3	-1.1
	22.45-22.50	54.7	52.1	54.2	51.1	3.1
	22.50-22.55	54.7	51.3	55.0	50.3	4.7
	22.55-23.00	54.9	52.3	54.4	50.7	3.7
10.	23.00-23.05	54.0	52.0	52.7	51.0	1.7
	23.05-23.10	54.2	52.8	51.6	51.3	0.3
	23.10-23.15	54.1	53.1	50.2	51.0	-0.8
	23.15-23.20	54.0	51.1	53.9	50.4	3.5
	23.20-23.25	54.2	51.0	54.4	50.3	4.1
	23.25-23.30	54.0	51.3	53.7	50.5	3.2
	23.30-23.35	53.8	51.5	52.9	50.7	2.2
	23.35-23.40	53.0	52.1	48.7	51.0	-2.3
	23.40-23.45	52.7	52.5	42.2	51.3	-9.1
	23.45-23.50	53.0	52.4	47.1	51.4	-4.3
	23.50-23.55	53.1	52.6	46.5	51.5	-5.0
	23.55-00.00	52.5	52.2	43.7	51.2	-7.5
Standard ⁽¹⁾⁽²⁾						10

- REPORTED RESULTS REFER TO SUBMITTED SAMPLE(S) ONLY
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TEST REPORT

(21/2-3)

Item	Time	Result (dB(A))				
		รพ. สต. บ้านมาบยางพร				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		10-11/11/23	11-12/11/23	-	11-12/11/23	-
11.	00.00-00.05	51.3	52.1	51.3	50.9	0.4
	00.05-00.10	51.9	52.0	51.9	50.8	1.1
	00.10-00.15	52.1	52.2	52.1	51.3	0.8
	00.15-00.20	52.2	52.6	52.2	51.4	0.8
	00.20-00.25	52.7	53.0	52.7	51.2	1.5
	00.25-00.30	53.5	52.1	50.9	51.1	-0.2
	00.30-00.35	53.5	52.3	50.3	51.2	-0.9
	00.35-00.40	53.6	52.2	51.0	51.3	-0.3
	00.40-00.45	54.3	52.2	53.1	51.2	1.9
	00.45-00.50	53.3	52.2	49.8	51.1	-1.3
12.	00.50-00.55	52.7	51.5	49.5	50.7	-1.2
	00.55-01.00	52.0	51.1	47.7	49.9	-2.2
	01.00-01.05	52.4	51.8	46.5	50.4	-3.9
	01.05-01.10	52.4	51.6	47.7	50.4	-2.7
	01.10-01.15	51.9	51.9	51.9	50.7	1.2
	01.15-01.20	51.8	52.4	51.8	51.3	0.5
	01.20-01.25	52.0	52.5	52.0	50.1	1.9
	01.25-01.30	51.8	51.2	45.9	49.7	-3.8
	01.30-01.35	52.3	51.1	49.1	49.6	-0.5
	01.35-01.40	52.1	50.1	50.8	49.2	1.6
13.	01.40-01.45	52.1	49.6	51.5	49.0	2.5
	01.45-01.50	51.8	49.9	50.3	49.2	1.1
	01.50-01.55	50.9	50.0	46.6	49.3	-2.7
	01.55-02.00	51.7	50.7	47.8	49.6	-1.8
	02.00-02.05	51.5	50.6	47.2	49.4	-2.2
	02.05-02.10	51.2	50.9	42.4	49.6	-7.2
	02.10-02.15	51.4	51.1	42.6	49.7	-7.1
	02.15-02.20	51.4	51.5	51.4	50.1	1.3
	02.20-02.25	51.5	51.8	51.5	50.3	1.2
	02.25-02.30	51.5	51.8	51.5	50.2	1.3
14.	02.30-02.35	51.9	52.2	51.9	50.7	1.2
	02.35-02.40	51.6	52.1	51.6	50.5	1.1
	02.40-02.45	51.2	51.6	51.2	50.0	1.2
	02.45-02.50	50.7	52.0	50.7	50.4	0.3
	02.50-02.55	51.2	52.1	51.2	50.5	0.7
	02.55-03.00	51.2	52.0	51.2	50.2	1.0
	03.00-03.05	51.1	51.9	51.1	50.4	0.7
	03.05-03.10	51.0	52.2	51.0	50.5	0.5
	03.10-03.15	50.5	52.8	50.5	51.1	-0.6
	03.15-03.20	50.9	53.2	50.9	51.2	-0.3
	03.20-03.25	51.4	53.5	51.4	51.5	-0.1
	03.25-03.30	51.9	53.6	51.9	51.6	0.3
	03.30-03.35	51.9	53.6	51.9	51.5	0.4
	03.35-03.40	51.8	52.6	51.8	50.4	1.4
	03.40-03.45	51.8	51.5	43.0	50.1	-7.1
	03.45-03.50	51.9	51.7	41.4	50.1	-8.7
	03.50-03.55	51.1	51.4	51.1	49.9	1.2
	03.55-04.00	51.4	51.1	42.6	49.6	-7.0
Standard ⁽¹⁾⁽²⁾						10

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TEST REPORT

(21/3-3)

Item	Time	Result (dB(A))				
		รพ. สต. บ้านมาบยางพร				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		10-11/11/23	11-12/11/23	-	11-12/11/23	-
15.	04.00-04.05	51.4	52.3	51.4	49.9	1.5
	04.05-04.10	51.4	52.2	51.4	50.4	1.0
	04.10-04.15	51.2	51.8	51.2	50.1	1.1
	04.15-04.20	51.7	52.0	51.7	50.4	1.3
	04.20-04.25	51.4	52.0	51.4	50.4	1.0
	04.25-04.30	51.9	52.1	51.9	50.5	1.4
	04.30-04.35	52.0	52.2	52.0	50.5	1.5
	04.35-04.40	52.6	52.7	52.6	50.9	1.7
	04.40-04.45	52.4	54.2	52.4	51.4	1.0
	04.45-04.50	51.9	53.6	51.9	51.7	0.2
	04.50-04.55	52.2	53.1	52.2	51.7	0.5
	04.55-05.00	52.0	53.3	52.0	51.8	0.2
16.	05.00-05.05	51.7	52.7	51.7	51.4	0.3
	05.05-05.10	51.4	52.5	51.4	51.0	0.4
	05.10-05.15	51.1	51.9	51.1	50.2	0.9
	05.15-05.20	52.0	52.0	52.0	50.4	1.6
	05.20-05.25	52.2	51.6	46.3	50.4	-4.1
	05.25-05.30	51.4	51.8	51.4	50.5	0.9
	05.30-05.35	51.2	56.4	51.2	50.3	0.9
	05.35-05.40	51.0	52.8	51.0	49.7	1.3
	05.40-05.45	51.0	54.6	51.0	49.8	1.2
	05.45-05.50	51.3	53.9	51.3	49.4	1.9
	05.50-05.55	50.6	49.9	45.3	48.8	-3.5
	05.55-06.00	49.9	49.8	36.5	47.8	-11.3
17.	06.00-07.00	51.0	51.4	51.0	47.3	3.7
18.	07.00-08.00	51.3	52.1	51.3	46.6	4.7
19.	08.00-09.00	50.1	50.0	33.7	45.4	-11.7
20.	09.00-10.00	62.1	54.8	61.2	49.1	12.1
21.	10.00-11.00	53.4	58.3	53.4	51.4	2.0
22.	11.00-12.00	46.6	59.9	46.6	53.2	-6.6
23.	12.00-13.00	59.8	59.4	49.2	52.8	-3.6
24.	13.00-14.00	48.1	58.5	48.1	51.4	-3.3
Standard ⁽¹⁾⁽²⁾						10

Standard : ⁽¹⁾ Notification of the National Environment Board No. 29 (2007) (B.E. 2550)

⁽²⁾ Notification of the Ministry of Industry (2005) (B.E. 2548)

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager

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TEST REPORT

Customer Name : Yamada Somboon Co., Ltd.

Report No. : 3640/2023/22-26

Project : โครงการโรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)

Report Date : November 29, 2023

Address : Siam Eastern Industrial Park 60/4, 42/12 Moo 3,

Sampling Date : November 10-17, 2023

Mabyangporn, Pluakdaeng Rayong 21140

Type of Sample : เสียงรบกวน

T. (038) 891 187-9 Ext. 207 F. (038) 891 756

Job No. : S660129/Nov

(22/1-3)

Item	Time	Result (dB(A))				
		รพ. สต. บ้านมาบยางพร				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		12-13/11/23	11-12/11/23	-	11-12/11/23	-
1.	14.00-15.00	56.7	48.5	56.0	43.6	12.4
2.	15.00-16.00	57.3	58.0	57.3	50.8	6.5
3.	16.00-17.00	58.3	53.2	56.7	51.0	5.7
4.	17.00-18.00	61.8	52.6	61.2	49.4	11.8
5.	18.00-19.00	56.6	58.9	56.6	58.3	-1.7
6.	19.00-20.00	56.2	59.1	56.2	57.4	-1.2
7.	20.00-21.00	54.1	56.4	54.1	55.6	-1.5
8.	21.00-22.00	53.7	54.1	53.7	53.1	0.6
9.	22.00-22.05	52.2	53.2	52.2	52.0	0.2
	22.05-22.10	51.4	53.0	51.4	51.6	-0.2
	22.10-22.15	49.4	52.8	49.4	51.8	-2.4
	22.15-22.20	51.5	53.5	51.5	52.6	-1.1
	22.20-22.25	52.6	53.4	52.6	52.4	0.2
	22.25-22.30	50.2	54.0	50.2	53.0	-2.8
	22.30-22.35	53.3	54.3	53.3	53.3	0.0
	22.35-22.40	46.9	54.1	46.9	52.9	-6.0
	22.40-22.45	48.5	53.2	48.5	52.3	-3.8
	22.45-22.50	47.4	52.1	47.4	51.1	-3.7
	22.50-22.55	47.1	51.3	47.1	50.3	-3.2
	22.55-23.00	49.1	52.3	49.1	50.7	-1.6
	23.00-23.05	60.5	52.0	62.8	51.0	11.8
	23.05-23.10	47.1	52.8	47.1	51.3	-4.2
	23.10-23.15	46.0	53.1	46.0	51.0	-5.0
	23.15-23.20	49.0	51.1	49.0	50.4	-1.4
	23.20-23.25	47.5	51.0	47.5	50.3	-2.8
	23.25-23.30	47.3	51.3	47.3	50.5	-3.2
	23.30-23.35	49.4	51.5	49.4	50.7	-1.3
	23.35-23.40	48.4	52.1	48.4	51.0	-2.6
	23.40-23.45	47.9	52.5	47.9	51.3	-3.4
	23.45-23.50	48.0	52.4	48.0	51.4	-3.4
	23.50-23.55	50.0	52.6	50.0	51.5	-1.5
	23.55-00.00	47.5	52.2	47.5	51.2	-3.7
Standard ⁽¹⁾⁽²⁾						10



TEST REPORT

(22/2-3)

Item	Time	Result (dB(A))				
		รพ. สต. บ้านมาบยางพร				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		12-13/11/23	11-12/11/23	-	11-12/11/23	-
11.	00.00-00.05	47.5	52.1	47.5	50.9	-3.4
	00.05-00.10	47.3	52.0	47.3	50.8	-3.5
	00.10-00.15	45.5	52.2	45.5	51.3	-5.8
	00.15-00.20	50.6	52.6	50.6	51.4	-0.8
	00.20-00.25	50.5	53.0	50.5	51.2	-0.7
	00.25-00.30	50.9	52.1	50.9	51.1	-0.2
	00.30-00.35	50.5	52.3	50.5	51.2	-0.7
	00.35-00.40	51.1	52.2	51.1	51.3	-0.2
	00.40-00.45	52.0	52.2	52.0	51.2	0.8
	00.45-00.50	49.6	52.2	49.6	51.1	-1.5
12.	00.50-00.55	51.0	51.5	51.0	50.7	0.3
	00.55-01.00	50.8	51.1	50.8	49.9	0.9
	01.00-01.05	51.4	51.8	51.4	50.4	1.0
	01.05-01.10	52.3	51.6	47.0	50.4	-3.4
	01.10-01.15	52.6	51.9	47.3	50.7	-3.4
	01.15-01.20	52.4	52.4	52.4	51.3	1.1
	01.20-01.25	52.2	52.5	52.2	50.1	2.1
	01.25-01.30	52.2	51.2	48.3	49.7	-1.4
	01.30-01.35	52.0	51.1	47.7	49.6	-1.9
	01.35-01.40	51.3	50.1	48.1	49.2	-1.1
13.	01.40-01.45	49.6	49.6	49.6	49.0	0.6
	01.45-01.50	50.5	49.9	44.6	49.2	-4.6
	01.50-01.55	48.9	50.0	48.9	49.3	-0.4
	01.55-02.00	50.1	50.7	50.1	49.6	0.5
	02.00-02.05	51.0	50.6	43.4	49.4	-6.0
	02.05-02.10	47.6	50.9	47.6	49.6	-2.0
	02.10-02.15	48.7	51.1	48.7	49.7	-1.0
	02.15-02.20	51.1	51.5	51.1	50.1	1.0
	02.20-02.25	48.2	51.8	48.2	50.3	-2.1
	02.25-02.30	49.2	51.8	49.2	50.2	-1.0
14.	02.30-02.35	49.6	52.2	49.6	50.7	-1.1
	02.35-02.40	49.7	52.1	49.7	50.5	-0.8
	02.40-02.45	49.8	51.6	49.8	50.0	-0.2
	02.45-02.50	49.6	52.0	49.6	50.4	-0.8
	02.50-02.55	47.8	52.1	47.8	50.5	-2.7
	02.55-03.00	42.8	52.0	42.8	50.2	-7.4
	03.00-03.05	43.8	51.9	43.8	50.4	-6.6
	03.05-03.10	44.5	52.2	44.5	50.5	-6.0
	03.10-03.15	52.6	52.8	52.6	51.1	1.5
	03.15-03.20	45.6	53.2	45.6	51.2	-5.6
	03.20-03.25	42.7	53.5	42.7	51.5	-8.8
	03.25-03.30	46.7	53.6	46.7	51.6	-4.9
	03.30-03.35	49.8	53.6	49.8	51.5	-1.7
	03.35-03.40	53.5	52.6	49.2	50.4	-1.2
	03.40-03.45	52.8	51.5	49.9	50.1	-0.2
	03.45-03.50	49.8	51.7	49.8	50.1	-0.3
	03.50-03.55	51.7	51.4	42.9	49.9	-7.0
	03.55-04.00	53.1	51.1	51.8	49.6	2.2
Standard ⁽¹⁾⁽²⁾						10

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TEST REPORT

(22/3-3)

Item	Time	Result (dB(A))				
		รพ. สต. บ้านมาบยางพร				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		12-13/11/23	11-12/11/23	-	11-12/11/23	-
15.	04.00-04.05	55.1	52.3	54.9	49.9	5.0
	04.05-04.10	53.1	52.2	48.8	50.4	-1.6
	04.10-04.15	56.2	51.8	57.2	50.1	7.1
	04.15-04.20	60.9	52.0	63.3	50.4	12.9
	04.20-04.25	61.0	52.0	63.4	50.4	13.0
	04.25-04.30	58.5	52.1	60.4	50.5	9.9
	04.30-04.35	60.4	52.2	62.7	50.5	12.2
	04.35-04.40	62.2	52.7	64.7	50.9	13.8
	04.40-04.45	61.4	54.2	63.5	51.4	12.1
	04.45-04.50	56.6	53.6	56.6	51.7	4.9
	04.50-04.55	65.1	53.1	67.8	51.7	16.1
	04.55-05.00	58.6	53.3	60.1	51.8	8.3
16.	05.00-05.05	59.0	52.7	60.8	51.4	9.4
	05.05-05.10	57.4	52.5	58.7	51.0	7.7
	05.10-05.15	60.2	51.9	62.5	50.2	12.3
	05.15-05.20	57.5	52.0	59.1	50.4	8.7
	05.20-05.25	57.3	51.6	58.9	50.4	8.5
	05.25-05.30	54.6	51.8	54.4	50.5	3.9
	05.30-05.35	60.0	56.4	60.5	50.3	10.2
	05.35-05.40	66.6	52.8	69.4	49.7	19.7
	05.40-05.45	64.6	54.6	67.1	49.8	17.3
	05.45-05.50	55.8	53.9	54.3	49.4	4.9
	05.50-05.55	59.6	49.9	62.1	48.8	13.3
	05.55-06.00	58.8	49.8	61.2	47.8	13.4
17.	06.00-07.00	59.5	51.4	58.8	47.3	11.5
18.	07.00-08.00	57.2	52.1	55.6	46.6	9.0
19.	08.00-09.00	59.8	50.0	59.3	45.4	13.9
20.	09.00-10.00	58.4	54.8	55.9	49.1	6.8
21.	10.00-11.00	52.1	58.3	52.1	51.4	0.7
22.	11.00-12.00	51.8	59.9	51.8	53.2	-1.4
23.	12.00-13.00	52.1	59.4	52.1	52.8	-0.7
24.	13.00-14.00	51.9	58.5	51.9	51.4	0.5
Standard ⁽¹⁾⁽²⁾						10

Standard: ⁽¹⁾ Notification of the National Environment Board No. 29 (2007) (B.E. 2550)

⁽²⁾ Notification of the Ministry of Industry (2005) (B.E. 2548)

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager

- REPORTED RESULTS REFER TO SUBMITTED SAMPLE(S) ONLY
- DO NOT COPY PARTIAL OF THIS ANALYSIS REPORT WITHOUT OFFICIAL APPROVAL



TEST REPORT

Customer Name : Yamada Somboon Co., Ltd.

Report No. : 3640/2023/23-26

Project : โครงการโรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)

Report Date : November 29, 2023

Address : Siam Eastern Industrial Park 60/4, 42/12 Moo 3,
Mabyangporn, Pluakdaeng Rayong 21140

Sampling Date : November 10-17, 2023

Type of Sample : เสียงรบกวน

T. (038) 891 187-9 Ext. 207 F. (038) 891 756

Job No. : S660129/Nov

(23/1-3)

Item	Time	Result (dB(A))				
		รพ. สต. บ้านมาบยางพร				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		13-14/11/23	11-12/11/23	-	11-12/11/23	-
1.	14.00-15.00	52.8	48.5	50.8	43.6	7.2
2.	15.00-16.00	54.2	58.0	54.2	50.8	3.4
3.	16.00-17.00	53.8	53.2	44.9	51.0	-6.1
4.	17.00-18.00	51.9	52.6	51.9	49.4	2.5
5.	18.00-19.00	54.2	58.9	54.2	58.3	-4.1
6.	19.00-20.00	51.4	59.1	51.4	57.4	-6.0
7.	20.00-21.00	49.1	56.4	49.1	55.6	-6.5
8.	21.00-22.00	51.0	54.1	51.0	53.1	-2.1
9.	22.00-22.05	47.5	53.2	47.5	52.0	-4.5
	22.05-22.10	52.4	53.0	52.4	51.6	0.8
	22.10-22.15	48.1	52.8	48.1	51.8	-3.7
	22.15-22.20	47.6	53.5	47.6	52.6	-5.0
	22.20-22.25	47.9	53.4	47.9	52.4	-4.5
	22.25-22.30	47.8	54.0	47.8	53.0	-5.2
	22.30-22.35	47.9	54.3	47.9	53.3	-5.4
	22.35-22.40	48.1	54.1	48.1	52.9	-4.8
	22.40-22.45	47.8	53.2	47.8	52.3	-4.5
	22.45-22.50	48.1	52.1	48.1	51.1	-3.0
	22.50-22.55	48.2	51.3	48.2	50.3	-2.1
	22.55-23.00	48.1	52.3	48.1	50.7	-2.6
10.	23.00-23.05	48.4	52.0	48.4	51.0	-2.6
	23.05-23.10	48.0	52.8	48.0	51.3	-3.3
	23.10-23.15	47.6	53.1	47.6	51.0	-3.4
	23.15-23.20	47.4	51.1	47.4	50.4	-3.0
	23.20-23.25	47.5	51.0	47.5	50.3	-2.8
	23.25-23.30	47.3	51.3	47.3	50.5	-3.2
	23.30-23.35	47.2	51.5	47.2	50.7	-3.5
	23.35-23.40	47.6	52.1	47.6	51.0	-3.4
	23.40-23.45	47.8	52.5	47.8	51.3	-3.5
	23.45-23.50	47.9	52.4	47.9	51.4	-3.5
	23.50-23.55	49.4	52.6	49.4	51.5	-2.1
	23.55-00.00	50.1	52.2	50.1	51.2	-1.1
Standard ⁽¹⁾⁽²⁾						10



TEST REPORT

(23/2-3)

Item	Time	Result (dB(A))				
		รพ. สต. บ้านมาบยางพร				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		13-14/11/23	11-12/11/23	-	11-12/11/23	-
11.	00.00-00.05	50.1	52.1	50.1	50.9	-0.8
	00.05-00.10	50.4	52.0	50.4	50.8	-0.4
	00.10-00.15	50.6	52.2	50.6	51.3	-0.7
	00.15-00.20	50.7	52.6	50.7	51.4	-0.7
	00.20-00.25	50.8	53.0	50.8	51.2	-0.4
	00.25-00.30	50.6	52.1	50.6	51.1	-0.5
	00.30-00.35	50.6	52.3	50.6	51.2	-0.6
	00.35-00.40	49.3	52.2	49.3	51.3	-2.0
	00.40-00.45	48.7	52.2	48.7	51.2	-2.5
	00.45-00.50	48.4	52.2	48.4	51.1	-2.7
	00.50-00.55	49.2	51.5	49.2	50.7	-1.5
12.	00.55-01.00	48.7	51.1	48.7	49.9	-1.2
	01.00-01.05	49.2	51.8	49.2	50.4	-1.2
	01.05-01.10	49.7	51.6	49.7	50.4	-0.7
	01.10-01.15	49.4	51.9	49.4	50.7	-1.3
	01.15-01.20	49.6	52.4	49.6	51.3	-1.7
	01.20-01.25	49.2	52.5	49.2	50.1	-0.9
	01.25-01.30	48.4	51.2	48.4	49.7	-1.3
	01.30-01.35	48.6	51.1	48.6	49.6	-1.0
	01.35-01.40	49.1	50.1	49.1	49.2	-0.1
	01.40-01.45	52.8	49.6	53.0	49.0	4.0
	01.45-01.50	49.4	49.9	49.4	49.2	0.2
13.	01.50-01.55	56.7	50.0	58.7	49.3	9.4
	01.55-02.00	49.6	50.7	49.6	49.6	0.0
	02.00-02.05	49.8	50.6	49.8	49.4	0.4
	02.05-02.10	49.6	50.9	49.6	49.6	0.0
	02.10-02.15	49.8	51.1	49.8	49.7	0.1
	02.15-02.20	49.9	51.5	49.9	50.1	-0.2
	02.20-02.25	49.6	51.8	49.6	50.3	-0.7
	02.25-02.30	50.0	51.8	50.0	50.2	-0.2
	02.30-02.35	50.0	52.2	50.0	50.7	-0.7
	02.35-02.40	50.0	52.1	50.0	50.5	-0.5
	02.40-02.45	50.0	51.6	50.0	50.0	0.0
14.	02.45-02.50	50.2	52.0	50.2	50.4	-0.2
	02.50-02.55	50.4	52.1	50.4	50.5	-0.1
	02.55-03.00	50.7	52.0	50.7	50.2	0.5
	03.00-03.05	50.6	51.9	50.6	50.4	0.2
	03.05-03.10	50.7	52.2	50.7	50.5	0.2
	03.10-03.15	50.3	52.8	50.3	51.1	-0.8
	03.15-03.20	50.6	53.2	50.6	51.2	-0.6
	03.20-03.25	52.9	53.5	52.9	51.5	1.4
	03.25-03.30	52.6	53.6	52.6	51.6	1.0
	03.30-03.35	53.8	53.6	43.3	51.5	-8.2
	03.35-03.40	53.4	52.6	48.7	50.4	-1.7
	03.40-03.45	55.3	51.5	56.0	50.1	5.9
	03.45-03.50	54.8	51.7	54.9	50.1	4.8
	03.50-03.55	57.7	51.4	59.5	49.9	9.6
	03.55-04.00	55.7	51.1	56.9	49.6	7.3
Standard ⁽¹⁾⁽²⁾						10

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TEST REPORT

(23/3-3)

Item	Time	Result (dB(A))				
		รพ. สต. บ้านมาบยางพร				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		13-14/11/23	11-12/11/23	-	11-12/11/23	-
15.	04.00-04.05	54.6	52.3	53.7	49.9	3.8
	04.05-04.10	53.8	52.2	51.7	50.4	1.3
	04.10-04.15	51.3	51.8	51.3	50.1	1.2
	04.15-04.20	54.0	52.0	52.7	50.4	2.3
	04.20-04.25	58.2	52.0	60.0	50.4	9.6
	04.25-04.30	60.6	52.1	62.9	50.5	12.4
	04.30-04.35	59.8	52.2	62.0	50.5	11.5
	04.35-04.40	59.2	52.7	61.1	50.9	10.2
	04.40-04.45	58.7	54.2	59.8	51.4	8.4
	04.45-04.50	59.2	53.6	60.8	51.7	9.1
	04.50-04.55	54.6	53.1	52.3	51.7	0.6
	04.55-05.00	55.1	53.3	53.4	51.8	1.6
16.	05.00-05.05	56.5	52.7	57.2	51.4	5.8
	05.05-05.10	53.2	52.5	47.9	51.0	-3.1
	05.10-05.15	52.2	51.9	43.4	50.2	-6.8
	05.15-05.20	55.3	52.0	55.6	50.4	5.2
	05.20-05.25	51.3	51.6	51.3	50.4	0.9
	05.25-05.30	49.0	51.8	49.0	50.5	-1.5
	05.30-05.35	51.3	56.4	51.3	50.3	1.0
	05.35-05.40	50.9	52.8	50.9	49.7	1.2
	05.40-05.45	52.7	54.6	52.7	49.8	2.9
	05.45-05.50	51.8	53.9	51.8	49.4	2.4
	05.50-05.55	54.3	49.9	55.3	48.8	6.5
	05.55-06.00	51.7	49.8	50.2	47.8	2.4
17.	06.00-07.00	54.7	51.4	52.0	47.3	4.7
18.	07.00-08.00	53.8	52.1	48.9	46.6	2.3
19.	08.00-09.00	57.5	50.0	56.6	45.4	11.2
20.	09.00-10.00	52.6	54.8	52.6	49.1	3.5
21.	10.00-11.00	57.2	58.3	57.2	51.4	5.8
22.	11.00-12.00	53.0	59.9	53.0	53.2	-0.2
23.	12.00-13.00	53.5	59.4	53.5	52.8	0.7
24.	13.00-14.00	52.5	58.5	52.5	51.4	1.1
Standard ⁽¹⁾⁽²⁾						10

Standard : ⁽¹⁾ Notification of the National Environment Board No. 29 (2007) (B.E. 2550)

⁽²⁾ Notification of the Ministry of Industry (2005) (B.E. 2548)

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager

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TEST REPORT

Customer Name : Yamada Somboon Co., Ltd.

Report No. : 3640/2023/24-26

Project : โครงการโรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)

Report Date : November 29, 2023

Address : Siam Eastern Industrial Park 60/4, 42/12 Moo 3,

Sampling Date : November 10-17, 2023

Mabyangporn, Pluakdaeng Rayong 21140

Type of Sample : เสียงรบกวน

T. (038) 891 187-9 Ext. 207 F. (038) 891 756

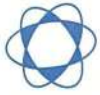
Job No. : S660129/Nov

(24/1-3)

Item	Time	Result (dB(A))				
		รพ. สต. บ้านมาบยางพร				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		14-15/11/23	11-12/11/23	-	11-12/11/23	-
1.	14.00-15.00	52.6	48.5	50.5	43.6	6.9
2.	15.00-16.00	54.8	58.0	54.8	50.8	4.0
3.	16.00-17.00	50.2	53.2	50.2	51.0	-0.8
4.	17.00-18.00	50.5	52.6	50.5	49.4	1.1
5.	18.00-19.00	59.5	58.9	50.6	58.3	-7.7
6.	19.00-20.00	51.6	59.1	51.6	57.4	-5.8
7.	20.00-21.00	58.0	56.4	52.9	55.6	-2.7
8.	21.00-22.00	57.2	54.1	54.3	53.1	1.2
9.	22.00-22.05	55.8	53.2	55.3	52.0	3.3
	22.05-22.10	56.1	53.0	56.2	51.6	4.6
	22.10-22.15	56.5	52.8	57.1	51.8	5.3
	22.15-22.20	57.0	53.5	57.4	52.6	4.8
	22.20-22.25	55.9	53.4	55.3	52.4	2.9
	22.25-22.30	55.9	54.0	54.4	53.0	1.4
	22.30-22.35	56.3	54.3	55.0	53.3	1.7
	22.35-22.40	56.8	54.1	56.5	52.9	3.6
	22.40-22.45	56.5	53.2	56.8	52.3	4.5
	22.45-22.50	55.4	52.1	55.7	51.1	4.6
	22.50-22.55	54.1	51.3	53.9	50.3	3.6
	22.55-23.00	53.8	52.3	51.5	50.7	0.8
10.	23.00-23.05	67.0	52.0	69.9	51.0	18.9
	23.05-23.10	55.9	52.8	56.0	51.3	4.7
	23.10-23.15	56.4	53.1	56.7	51.0	5.7
	23.15-23.20	56.8	51.1	58.4	50.4	8.0
	23.20-23.25	57.7	51.0	59.7	50.3	9.4
	23.25-23.30	56.6	51.3	58.1	50.5	7.6
	23.30-23.35	57.1	51.5	58.7	50.7	8.0
	23.35-23.40	53.0	52.1	48.7	51.0	-2.3
	23.40-23.45	54.4	52.5	52.9	51.3	1.6
	23.45-23.50	54.1	52.4	52.2	51.4	0.8
	23.50-23.55	54.5	52.6	53.0	51.5	1.5
	23.55-00.00	53.6	52.2	51.0	51.2	-0.2
Standard ⁽¹⁾⁽²⁾						10

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TEST REPORT

(24/2-3)

Item	Time	Result (dB(A))				
		รพ. สต. บ้านมาบยางพร				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีกรรบกวน (Leq)	ระดับเสียงขณะมีกรรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		14-15/11/23	11-12/11/23	-	11-12/11/23	-
11.	00.00-00.05	52.2	52.1	38.8	50.9	-12.1
	00.05-00.10	51.3	52.0	51.3	50.8	0.5
	00.10-00.15	49.7	52.2	49.7	51.3	-1.6
	00.15-00.20	49.1	52.6	49.1	51.4	-2.3
	00.20-00.25	49.2	53.0	49.2	51.2	-2.0
	00.25-00.30	48.9	52.1	48.9	51.1	-2.2
	00.30-00.35	48.5	52.3	48.5	51.2	-2.7
	00.35-00.40	48.3	52.2	48.3	51.3	-3.0
	00.40-00.45	48.9	52.2	48.9	51.2	-2.3
	00.45-00.50	50.2	52.2	50.2	51.1	-0.9
	00.50-00.55	49.2	51.5	49.2	50.7	-1.5
	00.55-01.00	49.4	51.1	49.4	49.9	-0.5
12.	01.00-01.05	52.4	51.8	46.5	50.4	-3.9
	01.05-01.10	50.3	51.6	50.3	50.4	-0.1
	01.10-01.15	58.7	51.9	60.7	50.7	10.0
	01.15-01.20	59.9	52.4	62.0	51.3	10.7
	01.20-01.25	48.4	52.5	48.4	50.1	-1.7
	01.25-01.30	48.3	51.2	48.3	49.7	-1.4
	01.30-01.35	47.8	51.1	47.8	49.6	-1.8
	01.35-01.40	47.8	50.1	47.8	49.2	-1.4
	01.40-01.45	50.9	49.6	48.0	49.0	-1.0
	01.45-01.50	56.1	49.9	57.9	49.2	8.7
	01.50-01.55	49.1	50.0	49.1	49.3	-0.2
	01.55-02.00	48.1	50.7	48.1	49.6	-1.5
13.	02.00-02.05	47.9	50.6	47.9	49.4	-1.5
	02.05-02.10	48.0	50.9	48.0	49.6	-1.6
	02.10-02.15	48.0	51.1	48.0	49.7	-1.7
	02.15-02.20	48.2	51.5	48.2	50.1	-1.9
	02.20-02.25	49.1	51.8	49.1	50.3	-1.2
	02.25-02.30	48.9	51.8	48.9	50.2	-1.3
	02.30-02.35	49.8	52.2	49.8	50.7	-0.9
	02.35-02.40	50.2	52.1	50.2	50.5	-0.3
	02.40-02.45	50.5	51.6	50.5	50.0	0.5
	02.45-02.50	49.9	52.0	49.9	50.4	-0.5
	02.50-02.55	57.8	52.1	59.4	50.5	8.9
	02.55-03.00	56.4	52.0	57.4	50.2	7.2
14.	03.00-03.05	55.2	51.9	55.5	50.4	5.1
	03.05-03.10	55.8	52.2	56.3	50.5	5.8
	03.10-03.15	54.5	52.8	52.6	51.1	1.5
	03.15-03.20	52.9	53.2	52.9	51.2	1.7
	03.20-03.25	57.5	53.5	58.3	51.5	6.8
	03.25-03.30	56.5	53.6	56.4	51.6	4.8
	03.30-03.35	53.7	53.6	40.3	51.5	-11.2
	03.35-03.40	52.5	52.6	52.5	50.4	2.1
	03.40-03.45	52.7	51.5	49.5	50.1	-0.6
	03.45-03.50	61.5	51.7	64.0	50.1	13.9
	03.50-03.55	58.3	51.4	60.3	49.9	10.4
	03.55-04.00	57.1	51.1	58.8	49.6	9.2
Standard ⁽¹⁾⁽²⁾						10

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TEST REPORT

(24/3-3)

Item	Time	Result (dB(A))				
		รพ. สต. บ้านมาบยางพร				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีกรรบกวน (Leq)	ระดับเสียงขณะมีกรรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		14-15/11/23	11-12/11/23	-	11-12/11/23	-
15.	04.00-04.05	57.9	52.3	59.5	49.9	9.6
	04.05-04.10	58.2	52.2	59.9	50.4	9.5
	04.10-04.15	58.0	51.8	59.8	50.1	9.7
	04.15-04.20	56.7	52.0	57.9	50.4	7.5
	04.20-04.25	56.7	52.0	57.9	50.4	7.5
	04.25-04.30	54.1	52.1	52.8	50.5	2.3
	04.30-04.35	56.4	52.2	57.3	50.5	6.8
	04.35-04.40	55.0	52.7	54.1	50.9	3.2
	04.40-04.45	55.4	54.2	52.2	51.4	0.8
	04.45-04.50	56.9	53.6	57.2	51.7	5.5
	04.50-04.55	54.1	53.1	50.2	51.7	-1.5
	04.55-05.00	53.7	53.3	46.1	51.8	-5.7
16.	05.00-05.05	51.0	52.7	51.0	51.4	-0.4
	05.05-05.10	51.1	52.5	51.1	51.0	0.1
	05.10-05.15	55.6	51.9	56.2	50.2	6.0
	05.15-05.20	58.2	52.0	60.0	50.4	9.6
	05.20-05.25	53.2	51.6	51.1	50.4	0.7
	05.25-05.30	52.9	51.8	49.4	50.5	-1.1
	05.30-05.35	53.8	56.4	53.8	50.3	3.5
	05.35-05.40	50.8	52.8	50.8	49.7	1.1
	05.40-05.45	53.9	54.6	53.9	49.8	4.1
	05.45-05.50	53.0	53.9	53.0	49.4	3.6
	05.50-05.55	56.3	49.9	58.2	48.8	9.4
	05.55-06.00	51.3	49.8	49.0	47.8	1.2
17.	06.00-07.00	53.2	51.4	48.5	47.3	1.2
18.	07.00-08.00	55.2	52.1	52.3	46.6	5.7
19.	08.00-09.00	55.1	50.0	53.5	45.4	8.1
20.	09.00-10.00	51.4	54.8	51.4	49.1	2.3
21.	10.00-11.00	51.0	58.3	51.0	51.4	-0.4
22.	11.00-12.00	54.5	59.9	54.5	53.2	1.3
23.	12.00-13.00	52.6	59.4	52.6	52.8	-0.2
24.	13.00-14.00	53.0	58.5	53.0	51.4	1.6
Standard ⁽¹⁾⁽²⁾						10

Standard: ⁽¹⁾ Notification of the National Environment Board No. 29 (2007) (B.E. 2550)

⁽²⁾ Notification of the Ministry of Industry (2005) (B.E. 2548)

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager

- REPORTED RESULTS REFER TO SUBMITTED SAMPLE(S) ONLY
- DO NOT COPY PARTIAL OF THIS ANALYSIS REPORT WITHOUT OFFICIAL APPROVAL



TEST REPORT

Customer Name : Yamada Somboon Co., Ltd.

Report No. : 3640/2023/25-26

Project : โครงการโรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)

Report Date : November 29, 2023

Address : Siam Eastern Industrial Park 60/4, 42/12 Moo 3,

Sampling Date : November 10-17, 2023

Mabyangporn, Pluakdaeng Rayong 21140

Type of Sample : เสียงรบกวน

T. (038) 891 187-9 Ext. 207 F. (038) 891 756

Job No. : S660129/Nov

(25/1-3)

Item	Time	Result (dB(A))				
		รพ. สต. บ้านมาบยางพร				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		15-16/11/23	11-12/11/23	-	11-12/11/23	-
1.	14.00-15.00	53.5	48.5	51.8	43.6	8.2
2.	15.00-16.00	53.9	58.0	53.9	50.8	3.1
3.	16.00-17.00	53.3	53.2	36.9	51.0	-14.1
4.	17.00-18.00	56.8	52.6	54.7	49.4	5.3
5.	18.00-19.00	54.4	58.9	54.4	58.3	-3.9
6.	19.00-20.00	53.1	59.1	53.1	57.4	-4.3
7.	20.00-21.00	56.0	56.4	56.0	55.6	0.4
8.	21.00-22.00	53.6	54.1	53.6	53.1	0.5
9.	22.00-22.05	52.0	53.2	52.0	52.0	0.0
	22.05-22.10	51.7	53.0	51.7	51.6	0.1
	22.10-22.15	52.4	52.8	52.4	51.8	0.6
	22.15-22.20	50.5	53.5	50.5	52.6	-2.1
	22.20-22.25	50.3	53.4	50.3	52.4	-2.1
	22.25-22.30	49.9	54.0	49.9	53.0	-3.1
	22.30-22.35	51.5	54.3	51.5	53.3	-1.8
	22.35-22.40	49.3	54.1	49.3	52.9	-3.6
	22.40-22.45	49.1	53.2	49.1	52.3	-3.2
	22.45-22.50	48.7	52.1	48.7	51.1	-2.4
	22.50-22.55	48.8	51.3	48.8	50.3	-1.5
	22.55-23.00	49.3	52.3	49.3	50.7	-1.4
10.	23.00-23.05	50.1	52.0	50.1	51.0	-0.9
	23.05-23.10	50.6	52.8	50.6	51.3	-0.7
	23.10-23.15	50.3	53.1	50.3	51.0	-0.7
	23.15-23.20	50.1	51.1	50.1	50.4	-0.3
	23.20-23.25	50.0	51.0	50.0	50.3	-0.3
	23.25-23.30	49.0	51.3	49.0	50.5	-1.5
	23.30-23.35	48.7	51.5	48.7	50.7	-2.0
	23.35-23.40	51.2	52.1	51.2	51.0	0.2
	23.40-23.45	49.5	52.5	49.5	51.3	-1.8
	23.45-23.50	55.4	52.4	55.4	51.4	4.0
	23.50-23.55	48.8	52.6	48.8	51.5	-2.7
	23.55-00.00	49.7	52.2	49.7	51.2	-1.5
Standard ⁽¹⁾⁽²⁾						10



TEST REPORT

(25/2-3)

Item	Time	Result (dB(A))				
		รพ. สต. บ้านมาบยางพร				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีกรรบกวน (Leq)	ระดับเสียงขณะมีกรรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		15-16/11/23	11-12/11/23	-	11-12/11/23	-
11.	00.00-00.05	49.4	52.1	49.4	50.9	-1.5
	00.05-00.10	49.0	52.0	49.0	50.8	-1.8
	00.10-00.15	49.2	52.2	49.2	51.3	-2.1
	00.15-00.20	49.6	52.6	49.6	51.4	-1.8
	00.20-00.25	49.3	53.0	49.3	51.2	-1.9
	00.25-00.30	49.3	52.1	49.3	51.1	-1.8
	00.30-00.35	48.7	52.3	48.7	51.2	-2.5
	00.35-00.40	48.8	52.2	48.8	51.3	-2.5
	00.40-00.45	48.6	52.2	48.6	51.2	-2.6
	00.45-00.50	49.1	52.2	49.1	51.1	-2.0
	00.50-00.55	48.0	51.5	48.0	50.7	-2.7
	00.55-01.00	48.2	51.1	48.2	49.9	-1.7
12.	01.00-01.05	47.6	51.8	47.6	50.4	-2.8
	01.05-01.10	49.2	51.6	49.2	50.4	-1.2
	01.10-01.15	50.1	51.9	50.1	50.7	-0.6
	01.15-01.20	48.0	52.4	48.0	51.3	-3.3
	01.20-01.25	47.8	52.5	47.8	50.1	-2.3
	01.25-01.30	48.4	51.2	48.4	49.7	-1.3
	01.30-01.35	48.6	51.1	48.6	49.6	-1.0
	01.35-01.40	48.5	50.1	48.5	49.2	-0.7
	01.40-01.45	48.6	49.6	48.6	49.0	-0.4
	01.45-01.50	49.0	49.9	49.0	49.2	-0.2
	01.50-01.55	47.6	50.0	47.6	49.3	-1.7
	01.55-02.00	48.0	50.7	48.0	49.6	-1.6
13.	02.00-02.05	48.2	50.6	48.2	49.4	-1.2
	02.05-02.10	48.7	50.9	48.7	49.6	-0.9
	02.10-02.15	50.5	51.1	50.5	49.7	0.8
	02.15-02.20	51.8	51.5	43.0	50.1	-7.1
	02.20-02.25	54.7	51.8	54.6	50.3	4.3
	02.25-02.30	57.7	51.8	59.4	50.2	9.2
	02.30-02.35	55.6	52.2	55.9	50.7	5.2
	02.35-02.40	53.4	52.1	50.5	50.5	0.0
	02.40-02.45	53.0	51.6	50.4	50.0	0.4
	02.45-02.50	56.6	52.0	57.8	50.4	7.4
	02.50-02.55	56.3	52.1	57.2	50.5	6.7
	02.55-03.00	56.3	52.0	57.3	50.2	7.1
14.	03.00-03.05	52.8	51.9	48.5	50.4	-1.9
	03.05-03.10	54.7	52.2	54.1	50.5	3.6
	03.10-03.15	57.0	52.8	57.9	51.1	6.8
	03.15-03.20	57.7	53.2	58.8	51.2	7.6
	03.20-03.25	55.8	53.5	54.9	51.5	3.4
	03.25-03.30	58.5	53.6	59.8	51.6	8.2
	03.30-03.35	59.7	53.6	61.5	51.5	10.0
	03.35-03.40	59.1	52.6	61.0	50.4	10.6
	03.40-03.45	58.5	51.5	60.5	50.1	10.4
	03.45-03.50	57.7	51.7	59.4	50.1	9.3
	03.50-03.55	58.6	51.4	60.7	49.9	10.8
	03.55-04.00	54.3	51.1	54.5	49.6	4.9
Standard ⁽¹⁾⁽²⁾						10

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TEST REPORT

(25/3-3)

Item	Time	Result (dB(A))				
		รพ. สต. บ้านมาบยางพร				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		15-16/11/23	11-12/11/23	-	11-12/11/23	-
15.	04.00-04.05	53.4	52.3	49.9	49.9	0.0
	04.05-04.10	57.6	52.2	59.1	50.4	8.7
	04.10-04.15	59.8	51.8	62.1	50.1	12.0
	04.15-04.20	57.1	52.0	58.5	50.4	8.1
	04.20-04.25	54.9	52.0	54.8	50.4	4.4
	04.25-04.30	55.5	52.1	55.8	50.5	5.3
	04.30-04.35	58.8	52.2	60.7	50.5	10.2
	04.35-04.40	56.0	52.7	56.3	50.9	5.4
	04.40-04.45	54.5	54.2	45.7	51.4	-5.7
	04.45-04.50	55.0	53.6	52.4	51.7	0.7
	04.50-04.55	55.7	53.1	55.2	51.7	3.5
	04.55-05.00	56.7	53.3	57.0	51.8	5.2
16.	05.00-05.05	54.1	52.7	51.5	51.4	0.1
	05.05-05.10	54.7	52.5	53.7	51.0	2.7
	05.10-05.15	54.6	51.9	54.3	50.2	4.1
	05.15-05.20	57.3	52.0	58.8	50.4	8.4
	05.20-05.25	54.2	51.6	53.7	50.4	3.3
	05.25-05.30	51.7	51.8	51.7	50.5	1.2
	05.30-05.35	51.2	56.4	51.2	50.3	0.9
	05.35-05.40	52.5	52.8	52.5	49.7	2.8
	05.40-05.45	53.5	54.6	53.5	49.8	3.7
	05.45-05.50	53.9	53.9	53.9	49.4	4.5
	05.50-05.55	51.1	49.9	47.9	48.8	-0.9
	05.55-06.00	52.7	49.8	52.6	47.8	4.8
17.	06.00-07.00	61.0	51.4	60.5	47.3	13.2
18.	07.00-08.00	55.5	52.1	52.8	46.6	6.2
19.	08.00-09.00	54.3	50.0	52.3	45.4	6.9
20.	09.00-10.00	53.6	54.8	53.6	49.1	4.5
21.	10.00-11.00	54.1	58.3	54.1	51.4	2.7
22.	11.00-12.00	54.7	59.9	54.7	53.2	1.5
23.	12.00-13.00	55.2	59.4	55.2	52.8	2.4
24.	13.00-14.00	54.8	58.5	54.8	51.4	3.4
Standard ⁽¹⁾⁽²⁾						10

Standard : ⁽¹⁾ Notification of the National Environment Board No. 29 (2007) (B.E. 2550)

⁽²⁾ Notification of the Ministry of Industry (2005) (B.E. 2548)

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager

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TEST REPORT

Customer Name : Yamada Somboon Co., Ltd.

Report No. : 3640/2023/26-26

Project : โครงการโรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)

Report Date : November 29, 2023

Address : Siam Eastern Industrial Park 60/4, 42/12 Moo 3,
Mabyangporn, Pluakdaeng Rayong 21140

Sampling Date : November 10-17, 2023

Type of Sample : เสียงรบกวน

T. (038) 891 187-9 Ext. 207 F. (038) 891 756

Job No. : S660129/Nov

(26/1-3)

Item	Time	Result (dB(A))				
		รพ. สต. บ้านมาบยางพร				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		16-17/11/23	11-12/11/23	-	11-12/11/23	-
1.	14.00-15.00	54.5	48.5	53.3	43.6	9.7
2.	15.00-16.00	53.4	58.0	53.4	50.8	2.6
3.	16.00-17.00	53.8	53.2	45.3	51.0	-5.7
4.	17.00-18.00	56.5	52.6	54.2	49.4	4.8
5.	18.00-19.00	56.3	58.9	56.3	58.3	-2.0
6.	19.00-20.00	53.3	59.1	53.3	57.4	-4.1
7.	20.00-21.00	55.5	56.4	55.5	55.6	-0.1
8.	21.00-22.00	57.1	54.1	54.2	53.1	1.1
9.	22.00-22.05	58.6	53.2	60.1	52.0	8.1
	22.05-22.10	58.5	53.0	60.1	51.6	8.5
	22.10-22.15	56.5	52.8	57.1	51.8	5.3
	22.15-22.20	51.9	53.5	51.9	52.6	-0.7
	22.20-22.25	51.9	53.4	51.9	52.4	-0.5
	22.25-22.30	51.2	54.0	51.2	53.0	-1.8
	22.30-22.35	51.4	54.3	51.4	53.3	-1.9
	22.35-22.40	51.3	54.1	51.3	52.9	-1.6
	22.40-22.45	51.2	53.2	51.2	52.3	-1.1
	22.45-22.50	51.3	52.1	51.3	51.1	0.2
	22.50-22.55	51.1	51.3	51.1	50.3	0.8
	22.55-23.00	50.2	52.3	50.2	50.7	-0.5
10.	23.00-23.05	50.6	52.0	50.6	51.0	-0.4
	23.05-23.10	51.3	52.8	51.3	51.3	0.0
	23.10-23.15	51.1	53.1	51.1	51.0	0.1
	23.15-23.20	50.5	51.1	50.5	50.4	0.1
	23.20-23.25	50.3	51.0	50.3	50.3	0.0
	23.25-23.30	50.2	51.3	50.2	50.5	-0.3
	23.30-23.35	49.9	51.5	49.9	50.7	-0.8
	23.35-23.40	50.2	52.1	50.2	51.0	-0.8
	23.40-23.45	50.8	52.5	50.8	51.3	-0.5
	23.45-23.50	50.5	52.4	50.5	51.4	-0.9
	23.50-23.55	51.0	52.6	51.0	51.5	-0.5
	23.55-00.00	51.3	52.2	51.3	51.2	0.1
Standard ⁽¹⁾⁽²⁾						10



TEST REPORT

(26/2-3)

Item	Time	Result (dB(A))				
		รพ. สต. บ้านมาบยางพร				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีกรรบกวน (Leq)	ระดับเสียงขณะมีกรรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		16-17/11/23	11-12/11/23	-	11-12/11/23	-
11.	00.00-00.05	50.1	52.1	50.1	50.9	-0.8
	00.05-00.10	51.1	52.0	51.1	50.8	0.3
	00.10-00.15	51.4	52.2	51.4	51.3	0.1
	00.15-00.20	51.0	52.6	51.0	51.4	-0.4
	00.20-00.25	52.1	53.0	52.1	51.2	0.9
	00.25-00.30	52.7	52.1	46.8	51.1	-4.3
	00.30-00.35	50.6	52.3	50.6	51.2	-0.6
	00.35-00.40	50.8	52.2	50.8	51.3	-0.5
	00.40-00.45	51.5	52.2	51.5	51.2	0.3
	00.45-00.50	51.9	52.2	51.9	51.1	0.8
	00.50-00.55	52.1	51.5	46.2	50.7	-4.5
	00.55-01.00	52.1	51.1	48.2	49.9	-1.7
12.	01.00-01.05	50.8	51.8	50.8	50.4	0.4
	01.05-01.10	51.3	51.6	51.3	50.4	0.9
	01.10-01.15	51.1	51.9	51.1	50.7	0.4
	01.15-01.20	50.8	52.4	50.8	51.3	-0.5
	01.20-01.25	51.5	52.5	51.5	50.1	1.4
	01.25-01.30	51.3	51.2	37.9	49.7	-11.8
	01.30-01.35	51.1	51.1	51.1	49.6	1.5
	01.35-01.40	50.6	50.1	44.0	49.2	-5.2
	01.40-01.45	50.9	49.6	48.0	49.0	-1.0
	01.45-01.50	51.9	49.9	50.6	49.2	1.4
	01.50-01.55	52.2	50.0	51.2	49.3	1.9
	01.55-02.00	55.9	50.7	57.3	49.6	7.7
13.	02.00-02.05	57.8	50.6	59.9	49.4	10.5
	02.05-02.10	59.6	50.9	62.0	49.6	12.4
	02.10-02.15	57.2	51.1	59.0	49.7	9.3
	02.15-02.20	54.9	51.5	55.2	50.1	5.1
	02.20-02.25	55.9	51.8	56.8	50.3	6.5
	02.25-02.30	54.4	51.8	53.9	50.2	3.7
	02.30-02.35	54.2	52.2	52.9	50.7	2.2
	02.35-02.40	53.6	52.1	51.3	50.5	0.8
	02.40-02.45	54.6	51.6	54.6	50.0	4.6
	02.45-02.50	54.9	52.0	54.8	50.4	4.4
	02.50-02.55	65.7	52.1	68.5	50.5	18.0
	02.55-03.00	55.6	52.0	56.1	50.2	5.9
14.	03.00-03.05	58.3	51.9	60.2	50.4	9.8
	03.05-03.10	56.2	52.2	57.0	50.5	6.5
	03.10-03.15	57.3	52.8	58.4	51.1	7.3
	03.15-03.20	55.5	53.2	54.6	51.2	3.4
	03.20-03.25	53.3	53.5	53.3	51.5	1.8
	03.25-03.30	52.4	53.6	52.4	51.6	0.8
	03.30-03.35	52.6	53.6	52.6	51.5	1.1
	03.35-03.40	54.0	52.6	51.4	50.4	1.0
	03.40-03.45	54.2	51.5	53.9	50.1	3.8
	03.45-03.50	56.6	51.7	57.9	50.1	7.8
	03.50-03.55	59.4	51.4	61.7	49.9	11.8
	03.55-04.00	57.6	51.1	59.5	49.6	9.9
Standard ⁽¹⁾⁽²⁾						10

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TEST REPORT

(26/3-3)

Item	Time	Result (dB(A))				
		รพ. สต. บ้านมาบยางพร				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		16-17/11/23	11-12/11/23	-	11-12/11/23	-
15.	04.00-04.05	59.7	52.3	61.8	49.9	11.9
	04.05-04.10	57.4	52.2	58.8	50.4	8.4
	04.10-04.15	56.2	51.8	57.2	50.1	7.1
	04.15-04.20	59.2	52.0	61.3	50.4	10.9
	04.20-04.25	56.7	52.0	57.9	50.4	7.5
	04.25-04.30	56.1	52.1	56.9	50.5	6.4
	04.30-04.35	59.0	52.2	61.0	50.5	10.5
	04.35-04.40	59.4	52.7	61.4	50.9	10.5
	04.40-04.45	56.2	54.2	54.9	51.4	3.5
	04.45-04.50	53.9	53.6	45.1	51.7	-6.6
	04.50-04.55	54.0	53.1	49.7	51.7	-2.0
	04.55-05.00	57.4	53.3	58.3	51.8	6.5
16.	05.00-05.05	56.9	52.7	57.8	51.4	6.4
	05.05-05.10	54.2	52.5	52.3	51.0	1.3
	05.10-05.15	51.9	51.9	51.9	50.2	1.7
	05.15-05.20	53.9	52.0	52.4	50.4	2.0
	05.20-05.25	53.0	51.6	50.4	50.4	0.0
	05.25-05.30	56.7	51.8	58.0	50.5	7.5
	05.30-05.35	56.5	56.4	43.1	50.3	-7.2
	05.35-05.40	53.4	52.8	47.5	49.7	-2.2
	05.40-05.45	54.1	54.6	54.1	49.8	4.3
	05.45-05.50	56.9	53.9	56.9	49.4	7.5
	05.50-05.55	53.9	49.9	54.7	48.8	5.9
	05.55-06.00	54.0	49.8	54.9	47.8	7.1
17.	06.00-07.00	59.5	51.4	58.8	47.3	11.5
18.	07.00-08.00	58.0	52.1	56.6	46.6	10.0
19.	08.00-09.00	54.1	50.0	51.9	45.4	6.5
20.	09.00-10.00	56.5	54.8	51.4	49.1	2.3
21.	10.00-11.00	55.7	58.3	55.7	51.4	4.3
22.	11.00-12.00	57.1	59.9	57.1	53.2	3.9
23.	12.00-13.00	55.3	59.4	55.3	52.8	2.5
24.	13.00-14.00	58.3	58.5	58.3	51.4	6.9
Standard ⁽¹⁾⁽²⁾						10

Standard : ⁽¹⁾ Notification of the National Environment Board No. 29 (2007) (B.E. 2550)

⁽²⁾ Notification of the Ministry of Industry (2005) (B.E. 2548)

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager

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TEST REPORT

Customer Name : Yamada Somboon Co., Ltd.

Report No. : 3640/2023/11-26

Project : โครงการโรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)

Report Date : November 29, 2023

Address : Siam Eastern Industrial Park 60/4, 42/12 Moo 3,
Mabyangporn, Pluakdaeng Rayong 21140

Sampling Date : November 10-17, 2023

T. (038) 891 187-9 Ext. 207 F. (038) 891 756

Type of Sample : Sound Level

Job No. : S660129/Nov

Item	Time	Result dB(A)													
		ริมรั้วโครงการทิศเหนือ													
		10-11/11/23		11-12/11/23		12-13/11/23		13-14/11/23		14-15/11/23		15-16/11/23		16-17/11/23	
		Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax
1.	13.00-14.00	61.9	87.9	56.9	69.0	51.4	55.4	55.7	71.3	54.9	60.2	64.2	75.8	59.8	72.4
2.	14.00-15.00	57.6	67.4	53.7	63.1	51.3	60.9	64.2	84.5	62.2	74.5	58.3	76.0	64.7	78.3
3.	15.00-16.00	58.3	68.1	54.7	62.0	51.9	61.3	68.2	88.3	69.9	81.3	59.6	71.0	60.7	80.2
4.	16.00-17.00	58.9	73.2	54.1	64.2	49.4	60.8	61.8	73.6	68.5	84.0	56.7	72.0	57.0	74.2
5.	17.00-18.00	59.4	78.5	53.8	66.5	47.7	54.6	60.0	64.7	60.3	76.6	58.6	72.9	61.8	75.5
6.	18.00-19.00	62.5	80.9	51.2	55.4	46.7	50.4	63.5	76.3	59.4	69.2	56.4	73.0	57.1	70.3
7.	19.00-20.00	57.6	63.4	51.1	63.7	48.3	55.3	59.5	73.1	58.4	64.0	61.9	72.9	60.3	78.0
8.	20.00-21.00	61.8	77.4	51.4	57.8	48.6	52.5	57.9	76.5	60.2	68.8	59.2	76.4	58.7	67.2
9.	21.00-22.00	61.2	72.1	52.2	63.7	49.0	52.4	63.7	79.1	60.9	76.1	58.5	70.5	57.9	66.9
10.	22.00-23.00	57.6	67.0	50.9	56.4	46.6	51.0	61.6	77.2	59.4	69.1	59.7	70.9	61.7	77.6
11.	23.00-00.00	58.4	73.7	50.4	58.9	48.1	56.8	59.6	64.6	62.2	75.8	52.2	54.6	52.2	63.5
12.	00.00-01.00	54.8	61.6	50.2	52.7	46.7	55.1	61.2	70.4	56.0	62.8	59.3	72.1	60.1	67.2
13.	01.00-02.00	58.4	73.4	51.6	55.7	46.4	48.4	53.4	54.9	57.5	63.4	60.0	76.2	60.1	74.8
14.	02.00-03.00	59.9	73.8	50.3	56.3	49.2	56.7	64.7	82.3	62.3	73.5	60.2	65.7	59.0	74.9
15.	03.00-04.00	58.9	76.9	50.6	51.3	49.8	52.1	60.3	70.6	56.3	59.0	58.4	69.8	57.0	69.7
16.	04.00-05.00	57.5	68.5	51.1	57.3	49.2	53.7	65.2	86.9	59.2	73.6	59.8	64.2	58.1	69.2
17.	05.00-06.00	61.1	73.6	50.7	54.8	49.9	57.6	60.2	71.4	54.5	59.3	62.0	77.1	56.9	71.2
18.	06.00-07.00	54.7	60.3	50.9	56.7	51.6	59.8	60.8	76.0	58.5	67.5	58.3	62.5	54.8	60.8
19.	07.00-08.00	54.1	66.1	51.6	58.2	63.8	83.1	60.7	76.4	59.0	78.7	59.3	72.1	61.3	74.2
20.	08.00-09.00	58.0	83.0	53.6	62.1	61.8	71.4	57.0	62.2	63.5	79.9	58.8	69.7	59.9	74.7
21.	09.00-10.00	55.1	61.6	52.7	62.6	60.2	70.7	60.7	75.3	65.2	79.1	63.4	77.7	60.5	78.9
22.	10.00-11.00	56.9	66.7	63.7	78.6	58.9	71.3	63.1	79.4	61.1	78.5	58.3	69.4	57.3	59.7
23.	11.00-12.00	55.0	64.1	51.9	55.8	52.5	55.2	60.7	72.9	54.7	59.6	52.7	59.4	56.9	68.4
24.	12.00-13.00	55.6	69.9	62.5	85.1	62.4	77.5	58.9	72.5	60.0	71.9	60.3	72.6	55.5	60.7
Leq 24 hr		58.8	-	55.2	-	55.8	-	62.1	-	62.2	-	59.7	-	59.5	-
Lmax		-	87.9	-	85.1	-	83.1	-	88.3	-	84.0	-	77.7	-	80.2
Standard ⁽¹⁾⁽²⁾		70	115	70	115	70	115	70	115	70	115	70	115	70	115

Standard: ⁽¹⁾ Notification of the National Environment Board No. 15 (1997) (B.E 2540)

⁽²⁾ Notification of the Ministry of Industry (2005) (B.E 2548)

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager

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TEST REPORT

Customer Name : Yamada Somboon Co., Ltd.

Report No. : 3640/2023/12-26

Project : โครงการโรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)

Report Date : November 29, 2023

Address : Siam Eastern Industrial Park 60/4, 42/12 Moo 3,
Mabyangporn, Pluakdaeng Rayong 21140

Sampling Date : November 10-17, 2023

T. (038) 891 187-9 Ext. 207 F. (038) 891 756

Type of Sample : Sound Level

Job No. : S660129/Nov

Item	Time	Result dB(A)													
		ริมรั้วโครงการทิศตะวันออก													
		10-11/11/23		11-12/11/23		12-13/11/23		13-14/11/23		14-15/11/23		15-16/11/23		16-17/11/23	
		Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax
1.	13.00-14.00	54.6	66.0	62.3	78.4	53.8	56.8	56.1	61.0	54.1	60.8	63.3	76.5	58.7	68.8
2.	14.00-15.00	55.4	68.9	57.3	68.2	51.5	67.7	61.4	73.3	61.7	74.0	59.7	70.5	63.1	77.3
3.	15.00-16.00	59.0	70.2	56.6	68.8	52.4	66.1	65.6	77.2	61.2	73.8	62.1	73.3	58.3	65.0
4.	16.00-17.00	59.6	77.3	54.4	67.7	52.9	67.0	59.7	77.4	66.1	79.7	56.2	67.3	57.8	65.9
5.	17.00-18.00	60.3	72.9	52.4	63.8	46.6	55.5	61.0	72.4	62.1	81.6	59.1	76.1	60.1	73.9
6.	18.00-19.00	58.0	63.3	51.4	61.9	47.1	52.8	58.1	73.4	58.4	75.6	57.6	71.4	58.2	65.6
7.	19.00-20.00	56.1	61.5	52.6	57.5	47.7	51.1	60.0	74.3	63.2	76.9	57.8	67.5	61.6	80.3
8.	20.00-21.00	59.6	72.5	52.3	66.0	48.7	55.2	57.8	74.4	58.5	71.7	60.2	68.8	58.7	72.1
9.	21.00-22.00	60.8	76.0	52.0	56.5	48.1	51.7	63.3	74.3	61.7	79.4	56.5	67.6	62.6	85.3
10.	22.00-23.00	63.0	80.9	51.4	53.7	47.0	52.9	60.6	77.8	60.1	68.6	58.3	71.5	57.4	64.2
11.	23.00-00.00	62.2	76.4	52.1	63.2	46.6	53.9	59.9	71.9	59.3	68.3	52.4	56.6	54.0	63.2
12.	00.00-01.00	54.4	66.3	51.0	60.5	47.1	50.7	61.1	72.3	63.1	79.0	62.6	75.1	59.1	70.9
13.	01.00-02.00	59.4	72.5	50.9	54.4	47.9	56.1	53.6	56.0	53.6	64.9	56.6	66.9	58.0	73.6
14.	02.00-03.00	60.8	74.7	51.2	59.0	46.7	49.5	60.7	73.5	61.5	68.6	60.3	85.3	63.6	86.7
15.	03.00-04.00	61.1	76.1	50.2	51.9	50.9	67.5	61.4	77.6	61.5	76.2	57.8	84.6	57.9	71.4
16.	04.00-05.00	60.8	86.8	50.7	55.1	49.9	60.3	61.6	67.1	60.4	76.3	53.1	59.5	55.5	61.4
17.	05.00-06.00	59.2	73.8	50.4	51.0	49.4	54.7	59.8	71.2	58.4	71.1	57.2	66.7	58.5	73.0
18.	06.00-07.00	57.4	68.9	51.8	59.6	50.9	59.8	61.2	65.6	59.5	70.6	59.0	72.4	53.4	64.6
19.	07.00-08.00	56.6	70.0	51.1	62.2	62.1	74.0	63.4	78.5	58.3	72.6	60.3	72.0	61.3	77.0
20.	08.00-09.00	57.1	71.1	53.6	67.4	60.9	86.3	59.7	63.9	56.2	62.2	62.6	84.7	62.3	75.7
21.	09.00-10.00	55.2	62.2	53.2	60.1	60.1	72.4	60.7	73.5	62.7	75.6	60.0	72.5	60.9	76.5
22.	10.00-11.00	59.4	75.8	56.6	69.4	59.7	70.8	60.2	71.1	61.3	76.1	57.7	64.4	61.0	79.0
23.	11.00-12.00	55.1	61.1	54.7	63.1	52.7	55.9	64.8	79.1	58.9	76.4	53.6	64.6	58.4	80.9
24.	12.00-13.00	54.8	61.2	53.7	61.5	61.4	81.1	59.7	70.8	56.7	68.8	58.8	71.2	56.0	63.3
Leq 24 hr		59.0	-	54.3	-	55.3	-	61.1	-	60.8	-	59.3	-	59.8	-
Lmax		-	86.8	-	78.4	-	86.3	-	79.1	-	81.6	-	85.3	-	86.7
Standard ⁽¹⁾⁽²⁾		70	115	70	115	70	115	70	115	70	115	70	115	70	115

Standard: ⁽¹⁾ Notification of the National Environment Board No. 15 (1997) (B.E 2540)

⁽²⁾ Notification of the Ministry of Industry (2005) (B.E 2548)

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager

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Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

ORIGINAL

ต้นฉบับ

1/6 Soi Ramkhamhaeng 145, Khwaeng / Khet Saphansung, Bangkok 10240

E-mail : admin@tet1995.com

1/6 ซอยรามคำแหง 145 แขวงสะพานสูง เขตสะพานสูง กรุงเทพมหานคร 10240

Tel : 0-2373-7799 (Auto) Fax : 0-2373-7979

TEST REPORT

Customer Name : Yamada Somboon Co., Ltd.

Report No. : 3640/2023/13-26

Project : โครงการโรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)

Report Date : November 29, 2023

Address : Siam Eastern Industrial Park 60/4, 42/12 Moo 3,

Sampling Date : November 10-17, 2023

Mabyangporn, Pluakdaeng Rayong 21140

Type of Sample : Sound Level

T. (038) 891 187-9 Ext. 207 F. (038) 891 756

Job No. : S660129/Nov

Item	Time	Result dB(A)													
		ริมรั้วโครงการทิศตะวันตก													
		10-11/11/23		11-12/11/23		12-13/11/23		13-14/11/23		14-15/11/23		15-16/11/23		16-17/11/23	
		Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax
1.	13.00-14.00	59.8	71.8	55.4	67.1	55.0	70.5	55.8	67.2	54.7	65.8	60.9	74.0	60.5	71.6
2.	14.00-15.00	56.4	66.3	56.3	70.8	52.9	70.7	57.9	61.4	62.9	75.3	56.3	63.0	64.7	78.3
3.	15.00-16.00	59.5	69.3	58.8	64.7	54.8	72.9	61.5	72.3	59.9	65.9	58.8	72.5	60.8	75.7
4.	16.00-17.00	60.1	75.5	64.8	75.5	50.3	72.0	61.9	74.0	69.4	87.5	56.5	69.4	60.3	72.3
5.	17.00-18.00	57.6	66.2	55.2	70.6	48.7	57.6	60.6	71.8	59.8	71.5	58.7	77.3	58.5	65.5
6.	18.00-19.00	60.8	73.9	54.4	71.1	48.6	53.9	58.5	68.0	59.7	67.9	61.4	79.3	57.5	72.8
7.	19.00-20.00	55.3	57.8	53.0	65.0	47.3	51.8	61.8	74.1	59.7	68.3	59.9	74.7	62.2	86.3
8.	20.00-21.00	61.8	74.4	51.8	57.8	48.8	52.9	61.1	77.1	61.6	75.0	61.7	73.5	58.6	70.4
9.	21.00-22.00	61.9	81.4	52.6	67.0	47.9	51.0	60.1	71.4	60.6	71.8	59.1	67.0	58.8	68.8
10.	22.00-23.00	63.1	85.3	50.9	53.5	46.1	48.8	65.2	85.9	58.3	65.9	59.5	74.1	58.4	69.8
11.	23.00-00.00	57.7	69.8	51.0	55.9	45.7	46.9	61.8	74.1	64.4	82.4	52.0	53.6	52.5	56.1
12.	00.00-01.00	54.2	62.3	50.2	54.2	47.2	51.4	60.5	75.6	57.8	63.4	58.4	71.5	61.0	77.0
13.	01.00-02.00	59.0	73.7	51.3	55.5	46.5	48.3	53.7	57.2	53.2	56.5	61.6	83.0	59.6	73.9
14.	02.00-03.00	59.5	71.4	50.7	56.3	47.8	55.9	64.7	80.2	63.2	79.1	57.4	69.7	60.5	76.5
15.	03.00-04.00	60.7	73.5	50.3	51.5	52.3	67.8	64.0	79.6	59.0	68.2	62.7	76.3	60.3	75.4
16.	04.00-05.00	60.6	74.5	50.5	54.0	49.2	52.2	59.6	75.4	59.5	67.4	53.8	63.8	57.6	71.6
17.	05.00-06.00	58.1	70.1	50.4	51.2	53.1	72.6	58.6	63.3	56.2	63.8	59.0	76.8	57.9	73.1
18.	06.00-07.00	57.3	71.3	52.3	66.2	51.8	61.1	61.5	77.3	63.8	80.2	54.8	61.7	53.9	65.0
19.	07.00-08.00	54.1	61.1	51.2	59.6	60.3	74.4	60.6	68.5	55.8	62.2	60.8	74.8	61.9	78.4
20.	08.00-09.00	54.9	62.9	52.2	67.1	60.4	70.6	56.2	62.1	59.3	72.1	57.2	64.5	61.1	73.7
21.	09.00-10.00	55.0	61.7	54.0	61.0	60.8	70.0	62.6	73.4	61.8	80.7	64.0	83.6	59.1	78.8
22.	10.00-11.00	59.4	75.0	55.4	64.2	59.8	72.8	61.8	72.3	65.0	87.1	59.1	69.1	54.1	58.2
23.	11.00-12.00	55.6	63.5	53.8	60.1	53.5	67.1	63.5	80.3	57.1	73.6	52.9	56.5	55.8	63.6
24.	12.00-13.00	54.5	62.0	54.9	67.0	63.1	77.3	63.4	79.2	57.9	63.5	58.8	67.3	56.9	63.5
Leq 24 hr		59.0	-	55.4	-	55.6	-	61.5	-	61.7	-	59.5	-	59.7	-
Lmax		-	85.3	-	75.5	-	77.3	-	85.9	-	87.5	-	83.6	-	86.3
Standard ⁽¹⁾⁽²⁾		70	115	70	115	70	115	70	115	70	115	70	115	70	115

Standard: ⁽¹⁾ Notification of the National Environment Board No. 15 (1997) (B.E 2540)

⁽²⁾ Notification of the Ministry of Industry (2005) (B.E 2548)

Wannasiri S.

Wannasiri Suriyawong



Somchai F.

Somchai Piyavorasakul
General Manager

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TEST REPORT

Customer Name : Yamada Somboon Co., Ltd.

Report No. : 3640/2023/14-26

Project : โครงการโรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)

Report Date : November 29, 2023

Address : Siam Eastern Industrial Park 60/4, 42/12 Moo 3,

Sampling Date : November 10-17, 2023

Mabyangporn, Pluakdaeng Rayong 21140

Type of Sample : Sound Level

T. (038) 891 187-9 Ext. 207 F. (038) 891 756

Job No. : S660129/Nov

Item	Time	Result dB(A)													
		วิธีวัดโครงการพิเศษได้													
		10-11/11/23		11-12/11/23		12-13/11/23		13-14/11/23		14-15/11/23		15-16/11/23		16-17/11/23	
		Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax
1.	13.00-14.00	58.3	69.7	55.2	62.9	51.3	56.9	55.0	60.9	56.9	62.8	68.8	79.4	61.4	72.7
2.	14.00-15.00	61.9	73.9	54.2	58.7	51.5	62.1	61.4	68.4	62.5	77.7	60.6	71.5	63.2	74.1
3.	15.00-16.00	64.4	85.6	54.6	67.5	50.8	59.7	64.3	81.8	59.3	64.3	59.0	71.6	56.7	68.9
4.	16.00-17.00	64.4	75.3	54.2	61.7	53.9	69.2	68.3	78.0	66.0	77.3	58.9	67.7	61.3	74.0
5.	17.00-18.00	63.5	73.1	54.9	68.9	60.6	77.2	62.8	73.0	55.5	62.8	57.8	76.8	59.1	70.7
6.	18.00-19.00	59.1	70.8	51.1	61.0	47.9	56.0	60.5	78.5	60.8	81.2	58.0	69.6	58.8	79.9
7.	19.00-20.00	56.9	63.9	51.4	57.2	49.1	54.7	60.8	80.4	60.9	72.0	60.4	74.1	61.3	81.7
8.	20.00-21.00	58.7	69.0	51.3	57.5	49.6	54.3	58.9	72.7	59.6	74.8	61.4	72.3	61.0	77.4
9.	21.00-22.00	59.6	73.3	51.2	54.0	48.1	54.0	60.9	73.8	61.0	72.4	60.2	75.7	59.9	70.8
10.	22.00-23.00	57.1	61.7	51.6	56.3	47.4	51.2	59.1	66.7	57.9	64.4	60.5	74.5	60.3	76.8
11.	23.00-00.00	55.1	62.4	50.7	54.1	45.4	50.9	62.1	78.5	61.7	77.5	51.8	54.9	53.3	59.4
12.	00.00-01.00	57.7	69.9	50.6	58.5	46.7	48.6	63.4	77.1	53.9	55.6	57.5	72.9	56.9	65.3
13.	01.00-02.00	62.4	78.5	51.9	56.6	47.3	49.7	54.0	62.7	62.7	76.3	60.6	70.5	58.2	74.8
14.	02.00-03.00	55.9	69.9	51.8	55.8	48.1	50.1	60.4	77.0	63.4	76.4	60.7	75.8	61.4	77.3
15.	03.00-04.00	60.0	74.7	50.1	51.2	49.2	51.9	61.4	65.6	58.0	65.4	64.0	79.7	54.1	60.0
16.	04.00-05.00	54.8	58.8	50.9	53.4	49.1	52.5	60.1	69.5	61.5	77.7	57.4	68.5	56.2	63.2
17.	05.00-06.00	58.3	71.2	51.8	65.1	52.5	71.4	62.7	77.7	55.1	59.0	56.4	64.9	53.5	62.2
18.	06.00-07.00	56.2	68.3	50.9	54.2	54.4	66.2	62.0	76.9	63.4	77.8	56.2	69.4	58.1	69.0
19.	07.00-08.00	56.3	72.0	52.9	62.2	60.4	73.8	61.3	73.8	58.1	80.1	61.0	72.2	60.2	73.8
20.	08.00-09.00	58.0	76.5	60.6	84.2	60.6	72.0	57.8	68.4	63.0	83.7	60.8	75.0	55.8	64.0
21.	09.00-10.00	56.7	70.9	53.8	63.1	62.8	82.2	63.7	75.1	60.3	67.5	61.5	76.9	59.7	71.7
22.	10.00-11.00	57.9	74.3	53.9	62.9	58.8	70.6	62.8	74.2	59.8	68.4	57.3	62.2	56.9	62.3
23.	11.00-12.00	54.5	59.9	53.5	63.5	54.2	65.9	61.9	76.6	58.6	72.9	55.2	68.8	54.2	60.2
24.	12.00-13.00	54.7	66.5	59.8	75.2	62.1	78.4	57.7	65.8	60.7	76.5	60.5	68.5	57.8	63.6
Leq 24 hr		59.5	-	54.1	-	56.1	-	61.9	-	60.9	-	60.8	-	59.1	-
Lmax		-	85.6	-	84.2	-	82.2	-	81.8	-	83.7	-	79.7	-	81.7
Standard ⁽¹⁾⁽²⁾		70	115	70	115	70	115	70	115	70	115	70	115	70	115

Standard: ⁽¹⁾ Notification of the National Environment Board No. 15 (1997) (B.E 2540)

⁽²⁾ Notification of the Ministry of Industry (2005) (B.E 2548)

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager

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TEST REPORT

Analysis No. : R23-2127
Received Date : 11/07/23
Customer : Technical Division of Thai Environmental Technic Limited
For Yamada Somboon Co., Ltd.
โครงการโรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)
Address : Siam Eastern Industrial Park 60/4, 42/12 Moo 3, Mabyangporn,
Pluakdaeng Rayong 21140
Contact : Tel. (038) 891 187-9 Ext. 207 Fax. (038) 891 756
Sample Conditions : 2307-WW0269 = yellow turbid/high black sediment/smell

Report Date : 20/07/23
Analysis Date : 10-17/07/23
Job No. : S660129/July
Sampling Date : 10/07/23
Sampling By : TET
Type of Sample : Wastewater

Item	Parameter	Unit	Method	Result	Standard	Analysis Date
				คุณภาพน้ำทิ้งจาก ระบบบำบัดน้ำเสียสำเร็จรูป		
				2307-WW0269		
				บ่อตรวจสอบคุณภาพน้ำทิ้งที่ 1 (Inspection Manhole No. 1)		
1	pH	-	Electrometric Method (SM 4500 B)	7.44	5.5-9.0	10/07/23
2	SS	mg/L	Volumetric, Dried at 103-105 °C (SM 2540 F)	10.6	200	17/07/23
3	TDS	mg/L	Dried at 180 °C (SM 2540 C)	291	3,000	17/07/23
4	BOD	mg/L	5-Days BOD Test, Azide Modification Method (SM 5210 B)	13	500	12-17/07/23
5	COD	mg/L	Closed Reflux Titrimetric Method (SM 5220 C)	78	750	12/07/23
6	Oil & Grease	mg/L	Liquid-Liquid, Partition Gravimetric Method (SM 5520 B)	4.9	10	14/07/23
7	TKN	mg/L	Macro-Kjeldahl/Titrimetric Method (SM 4500-N _{org} B&4500-NH ₃ C)	26.05	100	14/07/23
8	Al	mg/L	Digestion, ICP-OES Method (SM 3030F and 3120B)	0.45	-	17/07/23

Remarks : บ่อตรวจสอบคุณภาพน้ำทิ้งที่ 1 (Inspection Manhole No. 1) = 47P 0731212 UTM 1438096
Method : SM = Standard Method for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017
Standard : Standard of Central Wastewater Treatment in SIAM EASTERN INDUSTRIAL PARK., LTD (2010) (B.E. 2553)

Reviewed by

Ms. Wareerut Prachumdaeng
Chief of Laboratory
10/07/23



Approved by

Mrs. Pornpip Pethshee
Laboratory Manager
10/07/23

..... END OF REPORT

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TEST REPORT

Analysis No. : R23-2500
Received Date : 10/08/23
Customer : Technical Division of Thai Environmental Technic Limited
For Yamada Somboon Co., Ltd.
โครงการโรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)
Address : Siam Eastern Industrial Park 60/4, 42/12 Moo 3, Mabyangporn,
Pluakdaeng Rayong 21140
Contact : Tel. (038) 891 187-9 Ext. 207 Fax. (038) 891 756
Sample Conditions : 2308-WW0272 = yellow turbid/slight black sediment/smell

Report Date : 22/08/23
Analysis Date : 09-18/08/23
Job No. : S660129/Aug
Sampling Date : 09/08/23
Sampling By : TET
Type of Sample : Wastewater

Item	Parameter	Unit	Method	Result	Standard	Analysis Date
				คุณภาพน้ำทิ้งจาก ระบบบำบัดน้ำเสียสำเร็จรูป		
				2308-WW0272		
				บ่อตรวจสอบคุณภาพน้ำทิ้งที่ 1 (Inspection Manhole No. 1)		
1	pH	-	Electrometric Method (SM 4500 B)	7.03	5.5-9.0	09/08/23
2	SS	mg/L	Volumetric, Dried at 103-105 °C (SM 2540 F)	15.2	200	15/08/23
3	TDS	mg/L	Dried at 180 °C (SM 2540 C)	420	3,000	16/08/23
4	BOD	mg/L	5-Days BOD Test, Azide Modification Method (SM 5210 B)	15	500	10-15/08/23
5	COD	mg/L	Closed Reflux Titrimetric Method (SM 5220 C)	99	750	15/08/23
6	Oil & Grease	mg/L	Liquid-Liquid, Partition Gravimetric Method (SM 5520 B)	1.4	10	11/08/23
7	TKN	mg/L	Macro-Kjeldahl/Titrimetric Method (SM 4500-N _{org} B&4500-NH ₃ C)	25.49	100	18/08/23
8	Al	mg/L	Digestion, ICP-OES Method (SM 3030F and 3120B)	< 0.02	-	11/08/23

Remarks : บ่อตรวจสอบคุณภาพน้ำทิ้งที่ 1 (Inspection Manhole No. 1) = 47P 0731212 UTM 1438096
Method : SM = Standard Method for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017
Standard : Standard of Central Wastewater Treatment in SIAM EASTERN INDUSTRIAL PARK., LTD (2010) (B.E. 2553)

Reviewed by

Ms. Wareerut Prachumdaeng
Chief of Laboratory

24.08.23



Approved by

Mrs. Pomtip Pethshee
Laboratory Manager

24.08.23

..... END OF REPORT

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TEST REPORT

Analysis No. : R23-2743
Received Date : 04/09/23
Customer : Technical Division of Thai Environmental Technic Limited
For Yamada Somboon Co., Ltd.
โครงการโรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)
Address : Siam Eastern Industrial Park 60/4, 42/12 Moo 3, Mabyangporn,
Pluakdaeng Rayong 21140
Contact : Tel. (038) 891 187-9 Ext. 207 Fax. (038) 891 756
Sample Conditions : 2309-WW0041 =yellow turbid/high black sediment/smell

Report Date : 12/09/23
Analysis Date : 01-11/09/23
Job No. : S660129/Sep
Sampling Date : 01/09/23
Sampling By : TET
Type of Sample : Wastewater

Item	Parameter	Unit	Method	Result	Standard	Analysis Date
				คุณภาพน้ำทิ้งจาก		
				ระบบบำบัดน้ำเสียสำเร็จรูป		
				2309-WW0041		
				บ่อตรวจสอบคุณภาพน้ำทิ้งที่ 1		
				(Inspection Manhole No. 1)		
1	pH	-	Electrometric Method (SM 4500 B)	7.43	5.5-9.0	01/09/23
2	SS	mg/L	Volumetric, Dried at 103-105 °C (SM 2540 F)	9.6	200	05/09/23
3	TDS	mg/L	Dried at 180 °C (SM 2540 C)	447	3,000	05/09/23
4	BOD	mg/L	5-Days BOD Test, Azide Modification Method (SM 5210 B)	74	500	06-11/09/23
5	COD	mg/L	Closed Reflux Titrimetric Method (SM 5220 C)	267	750	05/09/23
6	Oil & Grease	mg/L	Liquid-Liquid, Partition Gravimetric Method (SM 5520 B)	4.3	10	05/09/23
7	TKN	mg/L	Macro-Kjeldahl/Titrimetric Method	52.26	100	06/09/23
			(SM 4500-N _{org} B&4500-NH ₃ C)			
8	Al	mg/L	Digestion, ICP-OES Method (SM 3030F and 3120B)	0.40	-	08/09/23

Remarks : บ่อตรวจสอบคุณภาพน้ำทิ้งที่ 1 (Inspection Manhole No. 1) = 47P 0731212 UTM 1438096
Method : SM = Standard Method for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017
Standard : Standard of Central Wastewater Treatment in SIAM EASTERN INDUSTRIAL PARK., LTD (2010) (B.E. 2553)

Reviewed by

Ms. Wareerut Prachumdaeng
Chief of Laboratory
12/9/23



Approved by

Mrs. Porntip Pethshee
Laboratory Manager
12/9/23

..... END OF REPORT

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TEST REPORT

Analysis No. : R23-3152
Received Date : 05/10/23
Customer : Technical Division of Thai Environmental Technic Limited
For Yamada Somboon Co., Ltd.
โครงการโรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)
Address : Siam Eastern Industrial Park 60/4, 42/12 Moo 3, Mabyangporm,
Pluakdaeng Rayong 21140
Contact : Tel. (038) 891 187-9 Ext. 207 Fax. (038) 891 756
Sample Conditions : 2310-WW0139 = yellow turbid/high white and black sediment/covered with oil slick/smell

Report Date : 17/10/23
Analysis Date : 04-10/10/23
Job No. : S660129/Oct
Sampling Date : 04/10/23
Sampling By : TET
Type of Sample : Wastewater

Item	Parameter	Unit	Method	Result	Standard	Analysis Date
				คุณภาพน้ำทิ้งจาก		
				ระบบบำบัดน้ำเสียสำเร็จรูป		
				2310-WW0139		
				บ่อตรวจสอบคุณภาพน้ำทิ้งที่ 1		
				(Inspection Manhole No. 1)		
1	pH	-	Electrometric Method (SM 4500 B)	6.11	5.5-9.0	04/10/23
2	SS	mg/L	Volumetric, Dried at 103-105 °C (SM 2540 F)	16.0	200	10/10/23
3	TDS	mg/L	Dried at 180 °C (SM 2540 C)	429	3,000	06/10/23
4	BOD	mg/L	5-Days BOD Test, Azide Modification Method (SM 5210 B)	82	500	05-10/10/23
5	COD	mg/L	Closed Reflux Titrimetric Method (SM 5220 C)	269	750	06/10/23
6	Oil & Grease	mg/L	Liquid-Liquid, Partition Gravimetric Method (SM 5520 B)	4.6	10	10/10/23
7	TKN	mg/L	Macro-Kjeldahl/Titrimetric Method	29.85	100	06/10/23
			(SM 4500-N _{org} B&4500-NH ₃ C)			
8	Al	mg/L	Digestion, ICP-OES Method (SM 3030F and 3120B)	< 0.20	-	10/10/23

Remarks : บ่อตรวจสอบคุณภาพน้ำทิ้งที่ 1 (Inspection Manhole No. 1) = 47P 0731212 UTM 1438096
Method : SM = Standard Method for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017
Standard : Standard of Central Wastewater Treatment in SIAM EASTERN INDUSTRIAL PARK., LTD (2010) (B.E. 2553)

Reviewed by

Ms. Wareerut Prachumdaeng

Chief of Laboratory

17/10/23



Approved by

Mrs. Pomtip Pethshee

Laboratory Manager

17/10/23

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TEST REPORT

Analysis No. : R23-3640
Received Date : 13/11/23
Customer : Technical Division of Thai Environmental Technic Limited
For Yamada Somboon Co., Ltd.
โครงการ โรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)
Address : Siam Eastern Industrial Park 60/4, 42/12 Moo 3, Mabyangporn,
Pluakdaeng Rayong 21140
Contact : Tel. (038) 891 187-9 Ext. 207 Fax. (038) 891 756
Sample Conditions : 2311-WW0347 = yellow turbid/high black sediment/smell

Report Date : 28/11/23
Analysis Date : 10-20/11/23
Job No. : S660129/Nov
Sampling Date : 10/11/23
Sampling By : TET
Type of Sample : Wastewater

Item	Parameter	Unit	Method	Result	Standard	Analysis Date
				คุณภาพน้ำทิ้งจาก ระบบบำบัดน้ำเสียสำเร็จรูป		
				2311-WW0347		
				บ่อตรวจสอบคุณภาพน้ำทิ้งที่ 1 (Inspection Manhole No. 1)		
1	pH	-	Electrometric Method (SM 4500 B)	7.14	5.5-9.0	10/11/23
2	SS	mg/L	Volumetric, Dried at 103-105 °C (SM 2540 F)	18.5	200	16/11/23
3	TDS	mg/L	Dried at 180 °C (SM 2540 C)	383	3,000	15-16/11/23
4	BOD	mg/L	5-Days BOD Test, Azide Modification Method (SM 5210 B)	24	500	15-20/11/23
5	COD	mg/L	Closed Reflux Titrimetric Method (SM 5220 C)	143	750	15/11/23
6	Oil & Grease	mg/L	Liquid-Liquid, Partition Gravimetric Method (SM 5520 B)	2.5	10	14/11/23
7	TKN	mg/L	Macro-Kjeldahl/Titrimetric Method (SM 4500-N _{org} B&4500-NH ₃ C)	27.27	100	15/11/23
8	Al	mg/L	Digestion, ICP-OES Method (SM 3030F and 3120B)	0.28	-	14/11/23

Remarks : บ่อตรวจสอบคุณภาพน้ำทิ้งที่ 1 (Inspection Manhole No. 1) = 47P 0731212 UTM 1438096
Method : SM = Standard Method for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017
Standard : Standard of Central Wastewater Treatment in SIAM EASTERN INDUSTRIAL PARK., LTD (2010) (B.E. 2553)

Reviewed by

Ms. Wareerut Prachumdaeng
Chief of Laboratory
28/11/23



Approved by

Mrs. Pornpip Pethshee
Laboratory Manager
28/11/23

..... END OF REPORT

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TEST REPORT

Analysis No. : R23-4204
Received Date : 27/12/23
Customer : Technical Division of Thai Environmental Technic Limited
For Yamada Somboon Co., Ltd.
โครงการ โรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)
Address : Siam Eastern Industrial Park 60/4, 42/12 Moo 3, Mabyangporn,
Pluakdaeng Rayong 21140
Contact : Tel. (038) 891 187-9 Ext. 207 Fax. (038) 891 756
Sample Conditions : 2312-WW0693 = yellow turbid/high black sediment/smell

Report Date : 09/01/24
Analysis Date : 26/12/23-05/01/24
Job No. : S660129/Dec/1
Sampling Date : 26/12/23
Sampling By : TET
Type of Sample : Wastewater

Item	Parameter	Unit	Method	Result	Standard	Analysis Date
				คุณภาพน้ำทิ้งจาก ระบบบำบัดน้ำเสียสำเร็จรูป		
				2312-WW0693		
				บ่อตรวจสอบคุณภาพน้ำทิ้งที่ 1 (Inspection Manhole No. 1)		
1	pH	-	Electrometric Method (SM 4500 B)	7.61	5.5-9.0	26/12/23
2	SS	mg/L	Volumetric, Dried at 103-105 °C (SM 2540 F)	< 2.5	200	29/12/23
3	TDS	mg/L	Dried at 180 °C (SM 2540 C)	296	3,000	29/12/23
4	BOD	mg/L	5-Days BOD Test, Azide Modification Method (SM 5210 B)	3	500	29/12/23-03/01/24
5	COD	mg/L	Closed Reflux Titrimetric Method (SM 5220 C)	36	750	28/12/23
6	Oil & Grease	mg/L	Liquid-Liquid, Partition Gravimetric Method (SM 5520 B)	0.6	10	28/12/23
7	TKN	mg/L	Macro-Kjeldahl/Titrimetric Method (SM 4500-N _{org} B&4500-NH ₃ C)	7.46	100	28/12/23
8	Al	mg/L	Digestion, ICP-OES Method (SM 3030F and 3120B)	< 0.20	-	05/01/24

Remarks : บ่อตรวจสอบคุณภาพน้ำทิ้งที่ 1 (Inspection Manhole No. 1) = 47P 0731212 UTM 1438096
Method : SM = Standard Method for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017
Standard : Standard of Central Wastewater Treatment in SIAM EASTERN INDUSTRIAL PARK., LTD (2010) (B.E. 2553)

Reviewed by

Ms. Wareerut Prachumdaeng
Chief of Laboratory
09/01/24



Approved by

Mrs. Pornpip Pethshee
Laboratory Manager
09/01/24

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TEST REPORT

Analysis No. : R23-3658

Report Date : 28/11/23

Received Date: 14/11/23

Analysis Date : 16-27/11/23

Customer : Technical Division of Thai Environmental Technic Limited

Job No. : S660129/Nov/Occ

For Yamada Somboon Co., Ltd.

Sampling By : TET

โครงการ โรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)

Type of Sample : Working Area

Address : Siam Eastern Industrial Park 60/4, 42/12 Moo 3, Mabyangporn, Pluakdaeng Rayong 21140

Contact : Tel. (038) 891 187-9 Ext. 207

Fax. (038) 891 756

Sample No.	Sampling point	Parameter	Unit	Sampling Date	Result	Standard ⁽¹⁾	Analysis Date
2311-AW0718	บริเวณเตาหลอมอะลูมิเนียม - Area	Aluminium Dust	mg/m ³	13/11/23	< 0.04	15	27/11/23
		(Inhalable Dust)					
		Aluminium Dust	mg/m ³	13/11/23	< 0.04	5	27/11/23
		(Respirable Dust)					
		Hydrogen Chloride	ppm	13/11/23	< 0.007	5 *	16/11/23
2311-AW0719	บริเวณหน่วยผลิตชิ้นส่วนประกอบผลิตภัณฑ์ - Area	Hydrogen Fluoride	ppm	13/11/23	< 0.012	3	20/11/23
		Aluminium Dust	mg/m ³	13/11/23	< 0.04	15	27/11/23
		(Inhalable Dust)					
		Aluminium Dust	mg/m ³	13/11/23	< 0.04	5	27/11/23
		(Respirable Dust)					
2311-AW0720	พนักงานที่ปฏิบัติงานบริเวณเตาหลอมอะลูมิเนียม - Person	Hydrogen Chloride	ppm	13/11/23	< 0.007	5 *	16/11/23
		Hydrogen Fluoride	ppm	13/11/23	< 0.012	3	20/11/23
		Aluminium Dust	mg/m ³	13/11/23	< 0.04	15	27/11/23
		(Inhalable Dust)					
		Aluminium Dust	mg/m ³	13/11/23	< 0.04	5	27/11/23
		(Respirable Dust)					
		Hydrogen Chloride	ppm	13/11/23	< 0.007	5 *	16/11/23
		Hydrogen Fluoride	ppm	13/11/23	< 0.012	3	20/11/23

Remarks : * Ceiling

Method : Aluminium Dust (Inhalable Dust) - Filtering, ICP (NIOSH 7300, Issue 3: Mar 2003)
Aluminium Dust (Respirable Dust) - Filtering, ICP (NIOSH 7300, Issue 3: Mar 2003)
Hydrogen Chloride - Solid Sorbent Tube, IC (OSHA ID-174SG, Feb 1986)
Hydrogen Fluoride - Filtering, ISE (OSHA ID-110, Feb 1991)

Standard : Notification of the Department of Labour Protection and Welfare (2017) (B.E. 2560) (TLV-TWA)

Reviewed by

Ms. Wareerut Prachumdaeng

Chief of Laboratory

28.11.23



Approved by

Mrs. Pornpip Pethshee

Laboratory Manager

28.11.23

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TEST REPORT

Analysis No. : R23-3658

Report Date : 28/11/23

Received Date: 14/11/23

Analysis Date : 16-27/11/23

Customer : Technical Division of Thai Environmental Technic Limited

Job No. : S660129/Nov/Occ

For Yamada Somboon Co., Ltd.

Sampling By : TET

โครงการ โรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)

Type of Sample : Working Area

Address : Siam Eastern Industrial Park 60/4, 42/12 Moo 3, Mabyangporn, Pluakdaeng Rayong 21140

Contact : Tel. (038) 891 187-9 Ext. 207 Fax. (038) 891 756

Sample No.	Sampling point	Parameter	Unit	Sampling Date	Result	Standard ⁽¹⁾	Analysis Date
2311-AW0721	พนักงานที่ปฏิบัติงานบริเวณหน่วยผลิตชิ้นส่วนประกอบผลิตภัณฑ์ - Person	Aluminium Dust	mg/m ³	13/11/23	< 0.04	15	27/11/23
		(Inhalable Dust)					
		Aluminium Dust	mg/m ³	13/11/23	< 0.04	5	27/11/23
		(Respirable Dust)					
		Hydrogen Chloride	ppm	13/11/23	< 0.007	5 *	16/11/23
		Hydrogen Fluoride	ppm	13/11/23	< 0.012	3	20/11/23

Remarks * Ceiling

Method : Aluminium Dust (Inhalable Dust) - Filtering, ICP (NIOSH 7300, Issue 3: Mar 2003)
Aluminium Dust (Respirable Dust) - Filtering, ICP (NIOSH 7300, Issue 3: Mar 2003)
Hydrogen Chloride - Solid Sorbent Tube, IC (OSHA ID-174SG, Feb 1986)
Hydrogen Fluoride - Filtering, ISE (OSHA ID-110, Feb 1991)

Standard : Notification of the Department of Labour Protection and Welfare. (2017) (B.E. 2560) (TLV-TWA)

Reviewed by

Ms. Wareerut Prachumdaeng
Chief of Laboratory
28/11/23



Approved by

Mrs. Pomtip Pethshee
Laboratory Manager
28/11/23

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TEST REPORT

Analysis No. : R23-3658

Report Date : 28/11/23

Received Date: 15/11/23

Analysis Date : 20-21/11/23

Customer : Technical Division of Thai Environmental Technic Limited

Job No. : S660129/Nov/Occ

For Yamada Somboon Co., Ltd.

Sampling By : TET

โครงการ โรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)

Type of Sample : Working Area

Address : Siam Eastern Industrial Park 60/4, 42/12 Moo 3, Mabyangporn, Pluakdaeng Rayong 21140

Contact : Tel. (038) 891 187-9 Ext. 207 Fax. (038) 891 756

Sample No.	Sampling point	Parameter	Unit	Sampling Date	Result	Standard	Analysis Date
2311-AW0752	บริเวณหน่วยคัดแต่งชิ้นงาน	Oil Mist	mg/m ³	14/11/23	< 0.1	5	20-21/11/23
2311-AW0753	บริเวณแผนกขัดกลึงชิ้นงาน	Oil Mist	mg/m ³	14/11/23	< 0.1	5	20-21/11/23
2311-AW0754	พนักงานที่ปฏิบัติงานบริเวณแผนกทำความสะอาดชิ้นงาน	Oil Mist	mg/m ³	14/11/23	< 0.1	5	20-21/11/23

Method : Oil Mist - Filtering, Gravimetric (OSHA ID 128)

Standard : American Conference of Governmental Industrial Hygienists ; ACGIH (TLV-TWA)

Reviewed by

Ms. Wareerut Prachumdaeng

Chief of Laboratory

28/11/23



Approved by

Mrs. Pomtip Pethshee

Laboratory Manager

28/11/23

..... END OF REPORT

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TEST REPORT

Customer Name : Yamada Somboon Co., Ltd.

Report No. : 3658/2023/1-5

Project : โครงการโรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)

Report Date : November 23, 2023

Address : Siam Eastern Industrial Park 60/4, 42/12 Moo 3,

Sampling Date : November 14-15, 2023

Mabyangporn, Pluakdaeng Rayong 21140

Type of Sample: Sound Level

T. (038) 891 187-9 Ext. 207 F. (038) 891 756

Job No. : S660129/Nov/Occ

Item	Sampling Time	Result (dB(A))			
		หน้าเตาหลอมอะลูมิเนียม		บริเวณหน่วยตกแต่งชิ้นงาน	
		14/11/23		15/11/23	
		Leq 1 hr.	Lmax	Leq 1 hr.	Lmax
1.	09:00-10:00	80.5	97.1	80.7	86.3
2.	10:00-11:00	82.8	97.3	80.9	83.1
3.	11:00-12:00	78.8	99.4	81.1	83.6
4.	12:00-13:00	80.2	96.3	81.4	85.7
5.	13:00-14:00	81.4	93.7	81.3	85.7
6.	14:00-15:00	83.1	94.0	80.5	85.8
7.	15:00-16:00	80.8	92.8	80.2	82.6
8.	16:00-17:00	80.7	99.0	79.8	82.0
Leq 8 hr		81.2	-	80.8	-
Lmax		-	99.4	-	86.3
Standard		90	140	90	140

Standard : Notification of the Ministry of Industry (2003) (B.E. 2546)

Suphakchaya Y.
Suphakchaya Yoonim



Somchai F.
Somchai Piyavorasakul
General Manager

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TEST REPORT

Customer Name : Yamada Somboon Co., Ltd.

Report No. : 3658/2023/2-5

Project : โครงการโรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)

Report Date : November 23, 2023

Address : Siam Eastern Industrial Park 60/4, 42/12 Moo 3,

Sampling Date : November 14-15, 2023

Mabyangporn, Pluakdaeng Rayong 21140

Type of Sample: Sound Level

T. (038) 891 187-9 Ext. 207 F. (038) 891 756

Job No. : S660129/Nov/Occ

Item	Sampling Time	Result (dB(A))			
		บริเวณหน่วยผลิตชิ้นส่วนประกอบผลิตภัณฑ์		บริเวณหน่วยประกอบชิ้นงาน	
		14/11/23		15/11/23	
		Leq 1 hr.	Lmax	Leq 1 hr.	Lmax
1.	09:00-10:00	78.6	98.4	82.8	88.8
2.	10:00-11:00	81.3	98.0	82.2	85.0
3.	11:00-12:00	81.4	98.4	82.6	87.6
4.	12:00-13:00	84.1	99.7	75.1	80.8
5.	13:00-14:00	83.7	96.7	82.3	86.4
6.	14:00-15:00	84.5	95.4	82.7	86.2
7.	15:00-16:00	82.7	96.3	82.8	87.5
8.	16:00-17:00	83.8	96.1	83.6	88.2
Leq 8 hr		82.9	-	82.3	-
Lmax		-	99.7	-	88.8
Standard		90	140	90	140

Standard : Notification of the Ministry of Industry (2003) (B.E. 2546)

Suphakchaya Y.

Suphakchaya Yoonim



Somchai P.

Somchai Piyavorasakul
General Manager

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TEST REPORT

Customer Name : Yamada Somboon Co., Ltd.

Report No. : 3658/2023/3-5

Project : โครงการโรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)

Report Date : November 23, 2023

Address : Siam Eastern Industrial Park 60/4, 42/12 Moo 3,

Sampling Date : November 14-15, 2023

Mabyangporn, Pluakdaeng Rayong 21140

Type of Sample: Noise Dose

T. (038) 891 187-9 Ext. 207 F. (038) 891 756

Job No. : S660129/Nov/Occ

Item	Description	Unit	Result		Standard
			พนักงานที่ปฏิบัติงาน หน้าเตาหลอมอะลูมิเนียม	พนักงานที่ปฏิบัติงานบริเวณ หน่วยตกแต่งชิ้นงาน	
1.	Sampling Date	-	14/11/23	15/11/23	-
2.	TWA	dB(A)	69.6	83.6	85 ⁽¹⁾
3.	Lmax	dB(A)	101.0	96.3	115 ⁽²⁾
4.	Dose	%	2.9	73.8	100 ⁽³⁾

Standard: ⁽¹⁾ Notification of the Department of Labour Protection and Welfare (2018)(B.E. 2561)

⁽²⁾ Ministry of Labour's Regulation (2016) (B.E. 2559)

⁽³⁾ American Conference of Governmental Industrial Hygienists; ACGIH

Suphakchaya Y.

Suphakchaya Yoonim



Somchai P.

Somchai Piyavorasakul
General Manager



TEST REPORT

Customer Name : Yamada Somboon Co., Ltd.

Report No. : 3658/2023/4-5

Project : โครงการโรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)

Report Date : November 23, 2023

Address : Siam Eastern Industrial Park 60/4, 42/12 Moo 3,
Mabyangporn, Pluakdaeng Rayong 21140
T. (038) 891 187-9 Ext. 207 F. (038) 891 756

Sampling Date : November 14-15, 2023

Type of Sample: Noise Dose

Job No. : S660129/Nov/Occ

Item	Description	Unit	Result		Standard
			พนักงานที่ปฏิบัติงาน บริเวณหน่วยผลิตชิ้นส่วน ประกอบผลิตภัณฑ์	พนักงานที่ปฏิบัติงาน บริเวณหน่วยประกอบชิ้นงาน	
1.	Sampling Date	-	14/11/23	15/11/23	-
2.	TWA	dB(A)	72.8	83.3	85 ⁽¹⁾
3.	Lmax	dB(A)	90.5	93.4	115 ⁽²⁾
4.	Dose	%	5.9	68.2	100 ⁽³⁾

Standard: ⁽¹⁾ Notification of the Department of Labour Protection and Welfare (2018)(B.E. 2561)

⁽²⁾ Ministry of Labour's Regulation (2016) (B.E. 2559)

⁽³⁾ American Conference of Governmental Industrial Hygienists; ACGIH

Suphakchaya Y.

Suphakchaya Yoonim



Somchai P.

Somchai Piyavorasakul
General Manager



TEST REPORT

Customer Name : Yamada Somboon Co., Ltd.

Report No. : 3658/2023/5-5

Project : โครงการโรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)

Report Date : November 23, 2023

Address : Siam Eastern Industrial Park 60/4, 42/12 Moo 3,
Mabyangporn, Pluakdaeng Rayong 21140

Sampling Date : November 14, 2023

T. (038) 891 187-9 Ext. 207 F. (038) 891 756

Type of Sample: Heat

Job No. : S660129/Nov/Occ

Item	Description	Sampling Date	Sampling Time	Result (°C)				
				NWB	DB	GT	WBGT	WBGT Average
1.	หน้าเตาหลอมอะลูมิเนียม	14/11/23	10.00-12.00					
	- นำอะลูมิเนียมเข้าเตาหลอม (100 นาที)			29.7	33.9	34.2	31.1	30.9
	- จัดบันทึกข้อมูล (20 นาที)			28.6	33.1	33.8	30.2	
Standard ⁽¹⁾⁽²⁾				-	-	-	-	32.0

Standard: ⁽¹⁾ Ministry of Labour's Regulation (2016) (B.E. 2559) ; Moderate Work Load

⁽²⁾ Notification of the Ministry of Industry (2003)(B.E. 2546) ; Moderate Work Load

Remark : Indoor (inside building or workplace) :WBGT = 0.7 NWB + 0.3 GT

When :

NWB = Natural Wet Bulb Thermometer

DB = Dry Bulb Thermometer

GT = Globe Thermometer

WBGT = Wet Bulb Globe Temperature

WBGT Average =
$$\frac{(WBGT_1 \times t_1) + (WBGT_2 \times t_2) + \dots + (WBGT_n \times t_n)}{t_1 + t_2 + \dots + t_n}$$

Suphakchaya Y.

Suphakchaya Yoonim



Somchai P.

Somchai Piyavorasakul
General Manager

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