

## ภาคผนวก ค

รายงานผลการตรวจวัดคุณภาพสิ่งแวดล้อม



## TEST REPORT

**Analysis No.** : R24-1584  
**Received Date** : 09-15/05/24  
**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** : 27/05/24  
**Analysis Date** : 09-17/05/24  
**Job No.** : S670141/May  
**Sampling By** : TET  
**Type of Sample** : Ambient Air

Sampling Point	Sample No.	Sampling Date	Result		Analysis Date
			TSP (mg/m <sup>3</sup> )	PM-10 (mg/m <sup>3</sup> )	
โรงเรียนมาบยางพรวิทยาคม (47P 0730929 UTM 1439070)	2405-AA0187	07-08/05/24	0.066	0.024	09-13/05/24
	2405-AA0231	08-09/05/24	0.059	0.025	10-14/05/24
	2405-AA0289	09-10/05/24	0.087	0.049	13-15/05/24
	2405-AA0291	10-11/04/24	0.071	0.046	13-15/05/24
	2405-AA0362	11-12/04/24	0.068	0.047	13-15/05/24
	2405-AA0380	12-13/04/24	0.059	0.037	14-16/05/24
	2405-AA0465	13-14/05/24	0.075	0.046	15-17/05/24
รพ. สต. บ้านมาบยางพร (47P 0731400 UTM 1436972)	2405-AA0188	07-08/05/24	0.190	0.051	09-13/05/24
	2405-AA0232	08-09/05/24	0.134	0.068	10-14/05/24
	2405-AA0290	09-10/05/24	0.125	0.031	13-15/05/24
	2405-AA0292	10-11/04/24	0.136	0.038	13-15/05/24
	2405-AA0363	11-12/04/24	0.138	0.042	13-15/05/24
	2405-AA0381	12-13/04/24	0.072	0.028	14-16/05/24
	2405-AA0466	13-14/05/24	0.149	0.039	15-17/05/24
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  
27.05.24



Approved by

Mrs. Pornpip Pethshee

Laboratory Manager  
27.05.24

- 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. : 1584/2024/1-26

Project : โครงการโรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)

Report Date : May 23, 2024

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

Sampling Date : May 7-14, 2024

Mabyangporn, Pluakdaeng Rayong 21140

Type of Sample : Ambient Air

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

Job No. : S670141/May

Item	Time	Result						
		โรงเรียนมาบยางพรวิทยาคม						
		NO <sub>2</sub> (ppm)						
		07-08/05/24	08-09/05/24	09-10/05/24	10-11/05/24	11-12/05/24	12-13/05/24	13-14/05/24
1.	16:00-17:00	0.0069	0.0059	0.0041	0.0032	0.0027	0.0044	0.0035
2.	17:00-18:00	0.0063	0.0051	0.0051	0.0032	0.0024	0.0021	0.0026
3.	18:00-19:00	0.0055	0.0027	0.0055	0.0017	0.0024	0.0018	0.0035
4.	19:00-20:00	0.0037	0.0029	0.0050	0.0012	0.0020	0.0016	0.0030
5.	20:00-21:00	0.0037	0.0034	0.0050	0.0049	0.0020	0.0015	0.0048
6.	21:00-22:00	0.0034	0.0033	0.0056	0.0047	0.0018	0.0015	0.0021
7.	22:00-23:00	0.0035	0.0035	0.0063	0.0050	0.0014	0.0014	0.0019
8.	23:00-00:00	0.0033	0.0056	0.0064	0.0054	0.0013	0.0013	0.0017
9.	00:00-01:00	0.0034	0.0047	0.0058	0.0056	0.0013	0.0010	0.0016
10.	01:00-02:00	0.0038	0.0057	0.0058	0.0062	0.0012	0.0009	0.0019
11.	02:00-03:00	0.0047	0.0059	0.0073	0.0072	0.0013	0.0012	0.0017
12.	03:00-04:00	0.0044	0.0053	0.0069	0.0080	0.0015	0.0015	0.0017
13.	04:00-05:00	0.0059	0.0051	0.0054	0.0079	0.0016	0.0017	0.0020
14.	05:00-06:00	0.0059	0.0053	0.0070	0.0074	0.0017	0.0017	0.0019
15.	06:00-07:00	0.0061	0.0055	0.0075	0.0081	0.0020	0.0026	0.0030
16.	07:00-08:00	0.0046	0.0061	0.0031	0.0072	0.0026	0.0037	0.0030
17.	08:00-09:00	0.0038	0.0071	0.0041	0.0069	0.0021	0.0038	0.0025
18.	09:00-10:00	0.0055	0.0057	0.0042	0.0066	0.0017	0.0019	0.0023
19.	10:00-11:00	0.0057	0.0052	0.0038	0.0058	0.0022	0.0024	0.0026
20.	11:00-12:00	0.0048	0.0039	0.0036	0.0052	0.0018	0.0025	0.0022
21.	12:00-13:00	0.0046	0.0040	0.0029	0.0019	0.0017	0.0024	0.0028
22.	13:00-14:00	0.0046	0.0040	0.0023	0.0033	0.0027	0.0025	0.0022
23.	14:00-15:00	0.0053	0.0036	0.0024	0.0034	0.0021	0.0026	0.0021
24.	15:00-16:00	0.0063	0.0038	0.0031	0.0029	0.0022	0.0034	0.0011
Minimum		0.0033	0.0027	0.0023	0.0012	0.0012	0.0009	0.0011
Maximum		0.0069	0.0071	0.0075	0.0081	0.0027	0.0044	0.0048
Average		0.0048	0.0047	0.0049	0.0051	0.0019	0.0021	0.0024
Standard		0.17						

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

Pramual M.

Pramual Moonsarn



Wannasiri S.

Wannasiri Suriyawong

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## TEST REPORT

Customer Name : Yamada Somboon Co., Ltd.

Report No. : 1584/2024/2-26

Project : โครงการโรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)

Report Date : May 23, 2024

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

Sampling Date : May 7-14, 2024

Mabyangporn, Pluakdaeng Rayong 21140

Type of Sample : Ambient Air

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

Job No. : S670141/May

Item	Time	Result						
		รพ. สต. บ้านมาบยางพร						
		NO <sub>2</sub> (ppm)						
		07-08/05/24	08-09/05/24	09-10/05/24	10-11/05/24	11-12/05/24	12-13/05/24	13-14/05/24
1.	15:00-16:00	0.0029	0.0009	0.0021	0.0017	0.0038	0.0037	0.0055
2.	16:00-17:00	0.0034	0.0008	0.0014	0.0020	0.0025	0.0023	0.0024
3.	17:00-18:00	0.0006	0.0009	0.0010	0.0039	0.0019	0.0028	0.0023
4.	18:00-19:00	0.0013	0.0008	0.0007	0.0016	0.0019	0.0032	0.0022
5.	19:00-20:00	0.0012	0.0009	0.0007	0.0017	0.0019	0.0026	0.0020
6.	20:00-21:00	0.0009	0.0006	0.0007	0.0014	0.0019	0.0026	0.0021
7.	21:00-22:00	0.0008	0.0010	0.0008	0.0015	0.0021	0.0061	0.0022
8.	22:00-23:00	0.0011	0.0022	0.0023	0.0023	0.0031	0.0032	0.0027
9.	23:00-00:00	0.0022	0.0034	0.0034	0.0039	0.0042	0.0039	0.0037
10.	00:00-01:00	0.0025	0.0022	0.0036	0.0057	0.0040	0.0049	0.0042
11.	01:00-02:00	0.0043	0.0034	0.0032	0.0056	0.0046	0.0059	0.0043
12.	02:00-03:00	0.0054	0.0027	0.0028	0.0050	0.0040	0.0067	0.0045
13.	03:00-04:00	0.0038	0.0020	0.0024	0.0041	0.0051	0.0064	0.0043
14.	04:00-05:00	0.0025	0.0017	0.0020	0.0035	0.0044	0.0068	0.0041
15.	05:00-06:00	0.0023	0.0046	0.0016	0.0038	0.0047	0.0061	0.0038
16.	06:00-07:00	0.0054	0.0016	0.0014	0.0072	0.0073	0.0046	0.0035
17.	07:00-08:00	0.0039	0.0013	0.0015	0.0100	0.0061	0.0071	0.0056
18.	08:00-09:00	0.0033	0.0039	0.0016	0.0113	0.0052	0.0067	0.0091
19.	09:00-10:00	0.0032	0.0072	0.0061	0.0078	0.0051	0.0073	0.0083
20.	10:00-11:00	0.0088	0.0057	0.0070	0.0060	0.0047	0.0088	0.0074
21.	11:00-12:00	0.0059	0.0061	0.0058	0.0054	0.0038	0.0090	0.0061
22.	12:00-13:00	0.0065	0.0094	0.0075	0.0104	0.0045	0.0086	0.0057
23.	13:00-14:00	0.0017	0.0048	0.0046	0.0081	0.0037	0.0041	0.0046
24.	14:00-15:00	0.0011	0.0048	0.0023	0.0063	0.0024	0.0036	0.0042
Minimum		0.0006	0.0006	0.0007	0.0014	0.0019	0.0023	0.0020
Maximum		0.0088	0.0094	0.0075	0.0113	0.0073	0.0090	0.0091
Average		0.0031	0.0030	0.0028	0.0050	0.0039	0.0053	0.0044
Standard		0.17						

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

Pramual M.

Pramual Moonsarn



Wannasiri S.

Wannasiri Suriyawong

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## TEST REPORT

Customer Name : Yamada Somboon Co., Ltd.

Report No. : 1584/2024/3-26

Project : โครงการโรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)

Report Date : May 23, 2024

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

Sampling Date : May 7-14, 2024

Mabyangporn, Pluakdaeng Rayong 21140

Type of Sample : Ambient Air

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

Job No. : S670141/May

Item	Time	Result						
		โรงเรียนมาบยางพรวิทยาคม						
		SO <sub>2</sub> (ppm)						
		07-08/05/24	08-09/05/24	09-10/05/24	10-11/05/24	11-12/05/24	12-13/05/24	13-14/05/24
1.	16:00-17:00	0.0024	0.0022	0.0029	0.0033	0.0024	0.0023	0.0031
2.	17:00-18:00	0.0030	0.0033	0.0023	0.0026	0.0030	0.0024	0.0025
3.	18:00-19:00	0.0022	0.0032	0.0022	0.0029	0.0029	0.0032	0.0029
4.	19:00-20:00	0.0031	0.0031	0.0024	0.0025	0.0028	0.0028	0.0032
5.	20:00-21:00	0.0032	0.0024	0.0032	0.0029	0.0024	0.0031	0.0030
6.	21:00-22:00	0.0023	0.0020	0.0029	0.0029	0.0029	0.0026	0.0030
7.	22:00-23:00	0.0026	0.0025	0.0031	0.0030	0.0031	0.0029	0.0031
8.	23:00-00:00	0.0029	0.0027	0.0032	0.0022	0.0032	0.0031	0.0029
9.	00:00-01:00	0.0030	0.0030	0.0023	0.0023	0.0030	0.0031	0.0029
10.	01:00-02:00	0.0024	0.0029	0.0026	0.0031	0.0026	0.0024	0.0025
11.	02:00-03:00	0.0022	0.0026	0.0032	0.0031	0.0025	0.0028	0.0029
12.	03:00-04:00	0.0023	0.0027	0.0033	0.0023	0.0028	0.0029	0.0027
13.	04:00-05:00	0.0030	0.0029	0.0032	0.0030	0.0030	0.0033	0.0026
14.	05:00-06:00	0.0026	0.0025	0.0026	0.0029	0.0024	0.0028	0.0031
15.	06:00-07:00	0.0029	0.0031	0.0032	0.0029	0.0027	0.0030	0.0024
16.	07:00-08:00	0.0026	0.0032	0.0030	0.0024	0.0031	0.0031	0.0029
17.	08:00-09:00	0.0025	0.0026	0.0029	0.0034	0.0027	0.0031	0.0024
18.	09:00-10:00	0.0026	0.0028	0.0026	0.0031	0.0029	0.0028	0.0026
19.	10:00-11:00	0.0034	0.0039	0.0025	0.0025	0.0032	0.0027	0.0030
20.	11:00-12:00	0.0029	0.0026	0.0031	0.0024	0.0029	0.0026	0.0031
21.	12:00-13:00	0.0039	0.0025	0.0025	0.0024	0.0028	0.0032	0.0027
22.	13:00-14:00	0.0028	0.0031	0.0029	0.0023	0.0026	0.0032	0.0031
23.	14:00-15:00	0.0022	0.0030	0.0027	0.0032	0.0032	0.0029	0.0025
24.	15:00-16:00	0.0027	0.0030	0.0029	0.0025	0.0029	0.0025	0.0019
Minimum		0.0022	0.0020	0.0022	0.0022	0.0024	0.0023	0.0019
Maximum		0.0039	0.0039	0.0033	0.0034	0.0032	0.0033	0.0032
Average		0.0027	0.0028	0.0028	0.0028	0.0028	0.0029	0.0028
Standard		0.30						

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

Pramual M.

Pramual Moonsarn



Wannasiri S.

Wannasiri Suriyawong

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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. : 1584/2024/4-26

Project : โครงการโรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)

Report Date : May 23, 2024

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

Sampling Date : May 7-14, 2024

Mabyangporn, Pluakdaeng Rayong 21140

Type of Sample : Ambient Air

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

Job No. : S670141/May

Item	Time	Result						
		รพ. สต. บ้านมบยางพร						
		SO <sub>2</sub> (ppm)						
		07-08/05/24	08-09/05/24	09-10/05/24	10-11/05/24	11-12/05/24	12-13/05/24	13-14/05/24
1.	15:00-16:00	0.0032	0.0032	0.0034	0.0028	0.0034	0.0029	0.0030
2.	16:00-17:00	0.0029	0.0031	0.0030	0.0029	0.0027	0.0035	0.0034
3.	17:00-18:00	0.0028	0.0027	0.0032	0.0037	0.0032	0.0033	0.0030
4.	18:00-19:00	0.0034	0.0032	0.0028	0.0032	0.0027	0.0031	0.0032
5.	19:00-20:00	0.0028	0.0034	0.0034	0.0042	0.0029	0.0042	0.0035
6.	20:00-21:00	0.0032	0.0035	0.0035	0.0031	0.0033	0.0029	0.0032
7.	21:00-22:00	0.0030	0.0033	0.0029	0.0025	0.0034	0.0028	0.0031
8.	22:00-23:00	0.0032	0.0029	0.0031	0.0030	0.0030	0.0034	0.0029
9.	23:00-00:00	0.0036	0.0028	0.0027	0.0025	0.0034	0.0033	0.0035
10.	00:00-01:00	0.0029	0.0031	0.0033	0.0036	0.0028	0.0033	0.0032
11.	01:00-02:00	0.0032	0.0027	0.0025	0.0035	0.0033	0.0032	0.0026
12.	02:00-03:00	0.0028	0.0035	0.0034	0.0034	0.0032	0.0029	0.0034
13.	03:00-04:00	0.0032	0.0031	0.0035	0.0027	0.0026	0.0034	0.0031
14.	04:00-05:00	0.0032	0.0034	0.0026	0.0023	0.0025	0.0034	0.0030
15.	05:00-06:00	0.0033	0.0029	0.0029	0.0028	0.0027	0.0026	0.0029
16.	06:00-07:00	0.0025	0.0032	0.0032	0.0030	0.0035	0.0033	0.0035
17.	07:00-08:00	0.0026	0.0034	0.0033	0.0033	0.0032	0.0032	0.0035
18.	08:00-09:00	0.0027	0.0034	0.0027	0.0034	0.0034	0.0032	0.0032
19.	09:00-10:00	0.0027	0.0027	0.0025	0.0032	0.0035	0.0027	0.0028
20.	10:00-11:00	0.0026	0.0031	0.0026	0.0032	0.0026	0.0037	0.0034
21.	11:00-12:00	0.0035	0.0032	0.0033	0.0028	0.0029	0.0034	0.0028
22.	12:00-13:00	0.0028	0.0036	0.0029	0.0032	0.0035	0.0028	0.0032
23.	13:00-14:00	0.0027	0.0031	0.0032	0.0030	0.0036	0.0033	0.0035
24.	14:00-15:00	0.0033	0.0033	0.0029	0.0029	0.0035	0.0027	0.0033
Minimum		0.0025	0.0027	0.0025	0.0023	0.0025	0.0026	0.0026
Maximum		0.0036	0.0036	0.0035	0.0042	0.0036	0.0042	0.0035
Average		0.0030	0.0032	0.0030	0.0031	0.0031	0.0032	0.0032
Standard		0.30						

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

Pramual M.

Pramual Moonsarn



Wannasiri S.

Wannasiri Suriyawong

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## TEST REPORT

Customer Name : Yamada Somboon Co., Ltd.

Report No. : 1584/2024/5-26

Project : โครงการโรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)

Report Date : May 23, 2024

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

Sampling Date : May 7-14, 2024

Mabyangporn, Pluakdaeng Rayong 21140

Type of Sample : Ambient Air

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

Job No. : S670141/May

Item	Sampling Date	Result	
		SO <sub>2</sub> (24 hr) (ppm)	
		โรงเรียนมาบยางพรวิทยาคม	รพ. สต. บ้านมาบยางพร
1.	07-08/05/24	0.0027	0.0030
2.	08-09/05/24	0.0028	0.0032
3.	09-10/05/24	0.0028	0.0030
4.	10-11/05/24	0.0028	0.0031
5.	11-12/05/24	0.0028	0.0031
6.	12-13/05/24	0.0029	0.0032
7.	13-14/05/24	0.0028	0.0032
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)

Pramual M.

Pramual Moonsarn



Wannasiri S.

Wannasiri Suriyawong

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

## TEST REPORT

Customer Name : Yamada Somboon Co., Ltd.  
Project : โครงการโรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)  
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  
Job No. : S670141/May

Report No. : 1584/2024/6-26  
Report Date : May 23, 2024  
Sampling Date : May 7-14, 2024  
Type of Sample : WS & WD

Item	Time	รพ. สต. บ้านมาบยางพร													
		07-08/05/24		08-09/05/24		09-10/05/24		10-11/05/24		11-12/05/24		12-13/05/24		13-14/05/24	
		WS	WD	WS	WD	WS	WD	WS	WD	WS	WD	WS	WD	WS	WD
1.	15.00	0.9	WSW	0.9	SE	0.4	SSW	1.3	WSW	3.1	NE	1.3	NW	0.9	SSE
2.	16.00	0.4	E	0.9	ESE	3.6	NNE	0.9	WSW	2.2	NNW	2.2	NW	3.6	NNE
3.	17.00	0.9	WSW	0.4	SSE	0.0	SW	0.9	WSW	0.4	WNW	1.8	NW	0.0	NNE
4.	18.00	0.4	SE	0.0	NW	0.4	NW	0.9	WSW	0.0	WNW	0.9	WNW	0.4	ESE
5.	19.00	4.5	NE	0.0	E	0.0	WSW	0.0	WSW	0.0	WNW	0.0	ESE	0.0	SE
6.	20.00	0.9	NE	0.0	E	0.0	E	0.0	WSW	0.4	W	0.0	ESE	0.4	E
7.	21.00	0.4	W	0.4	S	0.0	WNW	0.0	WSW	1.3	NNW	0.0	ESE	0.0	E
8.	22.00	0.4	WSW	0.0	S	0.0	WNW	0.0	E	2.2	NW	0.0	ESE	0.0	ESE
9.	23.00	0.0	WSW	0.0	SSE	0.0	WNW	0.0	E	0.4	W	0.0	ESE	0.0	ESE
10.	00.00	0.0	WSW	0.0	SSE	0.0	WNW	0.0	SE	0.9	W	0.0	ESE	0.0	ESE
11.	01.00	0.0	WSW	0.0	SSE	0.0	WNW	0.0	SE	0.0	E	0.0	ESE	0.0	ESE
12.	02.00	0.0	WSW	0.4	ENE	0.0	WNW	0.0	NE	0.0	E	0.0	ESE	0.0	ESE
13.	03.00	0.0	WSW	0.0	ENE	0.0	WNW	2.2	E	0.9	N	0.0	E	0.0	ESE
14.	04.00	0.0	WSW	0.9	NE	0.0	WNW	0.4	SE	1.3	NW	0.0	E	0.0	WSW
15.	05.00	0.0	WSW	0.9	WNW	0.0	WNW	0.0	SSE	0.9	W	0.0	ESE	0.4	WSW
16.	06.00	0.0	WSW	0.0	NNE	0.0	WNW	0.4	ESE	0.4	SW	0.0	ESE	0.4	W
17.	07.00	0.4	W	0.9	NW	0.0	WNW	0.4	ESE	0.9	WNW	0.0	ESE	0.4	WNW
18.	08.00	0.9	NE	1.8	N	0.4	WNW	0.0	E	2.2	NNW	0.9	NE	0.9	NE
19.	09.00	0.9	NE	2.2	NW	0.4	E	0.0	SSE	1.8	NW	0.4	N	0.9	ENE
20.	10.00	0.9	E	1.3	NNW	1.3	NW	0.4	SSE	1.3	NNW	1.3	ENE	1.8	ENE
21.	11.00	0.9	E	0.9	NNW	1.8	N	0.4	ESE	1.3	WNW	0.9	NE	0.9	E
22.	12.00	0.4	E	1.3	NNW	0.9	W	0.4	SSE	1.8	NW	0.9	NE	0.4	SW
23.	13.00	0.9	S	0.9	S	1.3	NNW	0.4	ESE	1.8	WNW	2.7	SW	3.6	NE
24.	14.00	0.9	E	1.3	W	1.3	E	1.8	E	1.8	NNW	1.3	S	2.2	NE
Average		0.6	-	0.6	-	0.5	-	0.5	-	1.1	-	0.6	-	0.7	-

Remark : WS = WIND SPEED (m/s)  
WD = WIND DIRECTION

Pramual Moonsarn



Wannasiri Suriyawong

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## TEST REPORT

**Analysis No.** : R24-1584  
**Received Date** : 13/05/24  
**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** : 27/05/24  
**Analysis Date** : 10-15/05/24  
**Job No.** : S670141/May  
**Sampling By** : TET  
**Type of Sample** : Stack

### Sampling Conditions :

Item	Description	Unit	Result
			2405-AS0285
			S1 : Dust Collector Stack
1	Sampling Date	-	10/05/24
2	Stack Diameter	m	Ø 0.75
3	Temperature <sup>(1)</sup>	°C	54
4	Stack Gas Velocity <sup>(1)</sup>	m/s	8.8
5	Flow Rate <sup>(1)</sup>	m <sup>3</sup> /s	3.9
6	Flow Rate <sup>(2)</sup>	Nm <sup>3</sup> /s	3.4
7	Moisture Content <sup>(1)</sup>	%	2.77
8	O <sub>2</sub> Rate <sup>(1)</sup> , dry basis	%	19.4
9	CO <sub>2</sub> Rate <sup>(1)</sup> , dry basis	%	< 1.0
10	Absolute Stack Pressure <sup>(1)</sup>	mm.Hg	756.7

Parameter	Unit	Method	Result		Standard			Analysis Date
			2405-AS0285		(With Combustion)			
			S1 : Dust Collector Stack		(A)		(B)	
Particulate <sup>(2)</sup>	mg/Nm <sup>3</sup>	Isokinetic, Gravimetric Method (US.EPA Method 5, Dec 07, 2020)	1.9	0.0066 (g/s)	20	0.0800 (g/s)	240	13-15/05/24
NO <sub>x</sub> as NO <sub>2</sub> <sup>(2)</sup>	ppm	Instrument Analyzer Method (US.EPA Method 7E, Oct 07, 2020)	2.20	0.0142 (g/s)	3	0.0226 (g/s)	200	10/05/24
SO <sub>2</sub> <sup>(2)</sup>	ppm	Instrument Analyzer Method (US.EPA Method 6C, Aug 2, 2017)	< 0.10	< 0.0009 (g/s)	5	0.0524 (g/s)	60	10/05/24
CO <sup>(2)</sup>	ppm	NDIR Method (US.EPA Method 10, Aug 02, 2017)	3	-	-	-	690	10/05/24

**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 : NG

Reviewed by

Ms. Wareerut Prachundaeng

Chief of Laboratory

27.05.24



Approved by

Mrs. Pornpip Pethshee

Laboratory Manager

27.05.24

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## TEST REPORT

**Analysis No.** : R24-1584/DIW  
**Received Date** : 13/05/24  
**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** : 27/05/24  
**Analysis Date** : 10-15/05/24  
**Job No.** : S670141/May  
**Sampling By** : Mr. Kiattisak Wandee  
**Registration No.** : ๖-236-๖-0012  
**Type of Sample** : Stack

### Sampling Conditions :

Item	Description	Unit	Result
			2405-AS0285
			S1 : Dust Collector Stack
1	Sampling Date	-	10/05/24
2	Stack Diameter	m	Ø 0.75
3	Temperature <sup>(1)</sup>	°C	54
4	Stack Gas Velocity <sup>(1)</sup>	m/s	8.8
5	Flow Rate <sup>(1)</sup>	m <sup>3</sup> /s	3.9
6	Flow Rate <sup>(2)</sup>	Nm <sup>3</sup> /s	3.4
7	Moisture Content <sup>(1)</sup>	%	2.77
8	O <sub>2</sub> Rate <sup>(1)</sup> , dry basis	%	19.4
9	CO <sub>2</sub> Rate <sup>(1)</sup> , dry basis	%	< 1.0
10	Absolute Stack Pressure <sup>(1)</sup>	mm.Hg	756.7

Parameter	Unit	Method	Result	Standard (With Combustion)	Analysis Date
			2405-AS0285		
			S1 : Dust Collector Stack		
Particulate <sup>(2)</sup>	mg/Nm <sup>3</sup>	Isokinetic, Gravimetric Method (US.EPA Method 5, Dec 07, 2020)	1.9	240	13-15/05/24
NO <sub>x</sub> as NO <sub>2</sub> <sup>(2)</sup>	ppm	Instrument Analyzer Method (US.EPA Method 7E, Oct 07, 2020)	2.20	200	10/05/24
SO <sub>2</sub> <sup>(2)</sup>	ppm	Instrument Analyzer Method (US.EPA Method 6C, Aug 2, 2017)	< 0.10	60	10/05/24
CO <sup>(2)</sup>	ppm	NDIR Method (US.EPA Method 10, Aug 02, 2017)	3	690	10/05/24

**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 : NG

Reviewed by

Ms. Wareerut Prachumdaeng

Chief of Laboratory

๖-236-๖-0002  
๒๗.๐๕.๒๔



Approved by

Mrs. Pomtip Pethshee

Laboratory Manager

๖-236-๖-0003  
๒๗.๐๕.๒๔

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## TEST REPORT

**Analysis No.** : R24-1584  
**Received Date** : 10/05/24  
**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

**Report Date** : 27/05/24  
**Analysis Date** : 09-13/05/24  
**Job No.** : S670141/May  
**Sampling By** : TET  
**Type of Sample** : Stack

### Sampling Conditions :

Item	Description	Unit	Result
			2405-AS0230
			S3 : Die Cast MC # 16 Stack
1	Sampling Date	-	09/05/24
2	Stack Diameter	m	Ø 0.45
3	Temperature <sup>(1)</sup>	°C	71
4	Stack Gas Velocity <sup>(1)</sup>	m/s	6.0
5	Flow Rate <sup>(1)</sup>	m <sup>3</sup> /s	1.0
6	Flow Rate <sup>(2)</sup>	Nm <sup>3</sup> /s	0.8
7	Moisture Content <sup>(1)</sup>	%	2.52
8	O <sub>2</sub> Rate <sup>(1)</sup> , dry basis	%	18.8
9	CO <sub>2</sub> Rate <sup>(1)</sup> , dry basis	%	1.0
10	Absolute Stack Pressure <sup>(1)</sup>	mm.Hg	756.8

Parameter	Unit	Method	Result		Standard			Analysis Date
			2405-AS0230		(With Combustion)			
			S3 : Die Cast MC # 16 Stack		(A)		(B)	
Particulate <sup>(2)</sup>	mg/Nm <sup>3</sup>	Isokinetic, Gravimetric Method (US.EPA Method 5, Dec 07, 2020)	1.2	0.0010 (g/s)	30	0.0300 (g/s)	240	10-13/05/24
NO <sub>x</sub> as NO <sub>2</sub> <sup>(2)</sup>	ppm	Instrument Analyzer Method (US.EPA Method 7E, Oct 07, 2020)	2.40	0.0036 (g/s)	8	0.0151 (g/s)	200	09/05/24
SO <sub>2</sub> <sup>(2)</sup>	ppm	Instrument Analyzer Method (US.EPA Method 6C, Aug 2, 2017)	< 0.10	< 0.0002 (g/s)	5	0.0131 (g/s)	60	09/05/24
CO <sup>(2)</sup>	ppm	NDIR Method (US.EPA Method 10, Aug 02, 2017)	6	-	-	-	690	09/05/24

**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 : NG

Reviewed by

Ms. Wareerut Prachumdaeng

Chief of Laboratory

27.05.24



Approved by

Mrs. Porntip Pethshee

Laboratory Manager

27.05.24

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## TEST REPORT

**Analysis No.** : R24-1584/DIW  
**Received Date** : 10/05/24  
**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** : 27/05/24  
**Analysis Date** : 09-13/05/24  
**Job No.** : S670141/May  
**Sampling By** : Mr. Kiattisak Wandee  
**Registration No.** : ว-236-จ-0012  
**Type of Sample** : Stack

### Sampling Conditions :

Item	Description	Unit	Result
			2405-AS0230
			S3 : Die Cast MC # 16 Stack
1	Sampling Date	-	09/05/24
2	Stack Diameter	m	Ø 0.45
3	Temperature <sup>(1)</sup>	°C	71
4	Stack Gas Velocity <sup>(1)</sup>	m/s	6.0
5	Flow Rate <sup>(1)</sup>	m <sup>3</sup> /s	1.0
6	Flow Rate <sup>(2)</sup>	Nm <sup>3</sup> /s	0.8
7	Moisture Content <sup>(1)</sup>	%	2.52
8	O <sub>2</sub> Rate <sup>(1)</sup> , dry basis	%	18.8
9	CO <sub>2</sub> Rate <sup>(1)</sup> , dry basis	%	1.0
10	Absolute Stack Pressure <sup>(1)</sup>	mm.Hg	756.8

Parameter	Unit	Method	Result	Standard (With Combustion)	Analysis Date
			2405-AS0230		
			S3 : Die Cast MC # 16 Stack		
Particulate <sup>(2)</sup>	mg/Nm <sup>3</sup>	Isokinetic, Gravimetric Method (US.EPA Method 5, Dec 07, 2020)	1.2	240	10-13/05/24
NO <sub>x</sub> as NO <sub>2</sub> <sup>(2)</sup>	ppm	Instrument Analyzer Method (US.EPA Method 7E, Oct 07, 2020)	2.40	200	09/05/24
SO <sub>2</sub> <sup>(2)</sup>	ppm	Instrument Analyzer Method (US.EPA Method 6C, Aug 2, 2017)	< 0.10	60	09/05/24
CO <sup>(2)</sup>	ppm	NDIR Method (US.EPA Method 10, Aug 02, 2017)	6	690	09/05/24

**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 : NG

Reviewed by

Ms. Wareerut Prachumdaeng

Chief of Laboratory

ว-236-ก-0002

27/05/24



Approved by

Mrs. Porntip Pethshee

Laboratory Manager

ว-236-ก-0003

27/05/24

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## TEST REPORT

**Analysis No.** : R24-1584  
**Received Date** : 13/05/24  
**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** : 27/05/24  
**Analysis Date** : 10-15/05/24  
**Job No.** : S670141/May  
**Sampling By** : TET  
**Type of Sample** : Stack

### Sampling Conditions :

Item	Description	Unit	Result
			2405-AS0286
			S4 : Die Cast MC # 17 Stack # 18 Stack
1	Sampling Date	-	10/05/24
2	Stack Diameter	m	Ø 0.45
3	Temperature <sup>(1)</sup>	°C	82
4	Stack Gas Velocity <sup>(1)</sup>	m/s	9.7
5	Flow Rate <sup>(1)</sup>	m <sup>3</sup> /s	1.5
6	Flow Rate <sup>(2)</sup>	Nm <sup>3</sup> /s	1.2
7	Moisture Content <sup>(1)</sup>	%	3.23
8	O <sub>2</sub> Rate <sup>(1)</sup> , dry basis	%	19.8
9	CO <sub>2</sub> Rate <sup>(1)</sup> , dry basis	%	< 1.0
10	Absolute Stack Pressure <sup>(1)</sup>	mm.Hg	756.7

Parameter	Unit	Method	Result		Standard			Analysis
			2405-AS0286		(With Combustion)			
			S4 : Die Cast MC # 17 Stack # 18 Stack		(A)		(B)	Date
Particulate <sup>(2)</sup>	mg/Nm <sup>3</sup>	Isokinetic, Gravimetric Method (US.EPA Method 5, Dec 07, 2020)	4.1	0.0052 (g/s)	30	0.0480 (g/s)	240	13-15/05/24
NO <sub>x</sub> as NO <sub>2</sub> <sup>(2)</sup>	ppm	Instrument Analyzer Method (US.EPA Method 7E, Oct 07, 2020)	2.10	0.0049 (g/s)	8	0.0241 (g/s)	200	10/05/24
SO <sub>2</sub> <sup>(2)</sup>	ppm	Instrument Analyzer Method (US.EPA Method 6C, Aug 2, 2017)	< 0.10	< 0.0003 (g/s)	5	0.0209 (g/s)	60	10/05/24
CO <sup>(2)</sup>	ppm	NDIR Method (US.EPA Method 10, Aug 02, 2017)	8	-	-	-	690	10/05/24

**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 : NG

Reviewed by

Ms. Wareerut Prachumdaeng

Chief of Laboratory

27, 05, 24



Approved by

Mrs. Pomtip Pethshee

Laboratory Manager

27, 05, 24

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## TEST REPORT

**Analysis No.** : R24-1584/DIW  
**Received Date** : 13/05/24  
**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** : 27/05/24  
**Analysis Date** : 10-15/05/24  
**Job No.** : S670141/May  
**Sampling By** : Mr. Kiattisak Wandee  
**Registration No.** : จ-236-จ-0012  
**Type of Sample** : Stack

### Sampling Conditions :

Item	Description	Unit	Result
			2405-AS0286
			S4 : Die Cast MC # 17 Stack # 18 Stack
1	Sampling Date	-	10/05/24
2	Stack Diameter	m	Ø 0.45
3	Temperature <sup>(1)</sup>	°C	82
4	Stack Gas Velocity <sup>(1)</sup>	m/s	9.7
5	Flow Rate <sup>(1)</sup>	m <sup>3</sup> /s	1.5
6	Flow Rate <sup>(2)</sup>	Nm <sup>3</sup> /s	1.2
7	Moisture Content <sup>(1)</sup>	%	3.23
8	O <sub>2</sub> Rate <sup>(1)</sup> , dry basis	%	19.8
9	CO <sub>2</sub> Rate <sup>(1)</sup> , dry basis	%	< 1.0
10	Absolute Stack Pressure <sup>(1)</sup>	mm.Hg	756.7

Parameter	Unit	Method	Result	Standard (With Combustion)	Analysis Date
			2405-AS0286		
			S4 : Die Cast MC # 17 Stack # 18 Stack		
Particulate <sup>(2)</sup>	mg/Nm <sup>3</sup>	Isokinetic, Gravimetric Method (US.EPA Method 5, Dec 07, 2020)	4.1	240	13-15/05/24
NO <sub>x</sub> as NO <sub>2</sub> <sup>(2)</sup>	ppm	Instrument Analyzer Method (US.EPA Method 7E, Oct 07, 2020)	2.10	200	10/05/24
SO <sub>2</sub> <sup>(2)</sup>	ppm	Instrument Analyzer Method (US.EPA Method 6C, Aug 2, 2017)	< 0.10	60	10/05/24
CO <sup>(2)</sup>	ppm	NDIR Method (US.EPA Method 10, Aug 02, 2017)	8	690	10/05/24

**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 : NG

Reviewed by

Ms. Wareerut Prachumdaeng  
Chief of Laboratory  
จ-236-จ-0002  
27/05/24



Approved by

Mrs. Pornpip Pethshee  
Laboratory Manager  
จ-236-จ-0003  
27/05/24

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## TEST REPORT

**Analysis No.** : R24-1584  
**Received Date** : 09/05/24  
**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** : 27/05/24  
**Analysis Date** : 09-10/05/24  
**Job No.** : S670141/May  
**Sampling By** : TET  
**Type of Sample** : Stack

### Sampling Conditions :

Item	Description	Unit	Result
			2405-AS0182
			S5 : Shot Blast 1 Stack
1	Sampling Date	-	08/05/24
2	Stack Diameter	m	Ø 0.15
3	Temperature <sup>(1)</sup>	°C	40
4	Stack Gas Velocity <sup>(1)</sup>	m/s	5.0
5	Flow Rate <sup>(1)</sup>	m <sup>3</sup> /s	0.1
6	Flow Rate <sup>(2)</sup>	Nm <sup>3</sup> /s	0.1
7	Moisture Content <sup>(1)</sup>	%	1.21
8	O <sub>2</sub> Rate <sup>(1)</sup> , dry basis	%	20.9
9	CO <sub>2</sub> Rate <sup>(1)</sup> , dry basis	%	< 1.0
10	Absolute Stack Pressure <sup>(1)</sup>	mm.Hg	756.9

Parameter	Unit	Method	Result		Standard			Analysis Date
			2405-AS0182		(Without Combustion)			
			S5 : Shot Blast 1 Stack		(A)		(B)	
Particulate <sup>(2)</sup>	mg/Nm <sup>3</sup>	Isokinetic, Gravimetric Method (US.EPA Method 5, Dec 07, 2020)	2.3	0.0002 (g/s)	30	0.0030 (g/s)	400	09-10/05/24

**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

27/05/24



Approved by

Mrs. Pomtip Pethshee

Laboratory Manager

27/05/24

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## TEST REPORT

**Analysis No.** : R24-1584/DIW  
**Received Date** : 09/05/24  
**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** : 27/05/24  
**Analysis Date** : 09-10/05/24  
**Job No.** : S670141/May  
**Sampling By** : Mr. Kiattisak Wandee  
**Registration No.** : ว-236-จ-0012  
**Type of Sample** : Stack

### Sampling Conditions :

Item	Description	Unit	Result
			2405-AS0182
			S5 : Shot Blast 1 Stack
1	Sampling Date	-	08/05/24
2	Stack Diameter	m	Ø 0.15
3	Temperature <sup>(1)</sup>	°C	40
4	Stack Gas Velocity <sup>(1)</sup>	m/s	5.0
5	Flow Rate <sup>(1)</sup>	m <sup>3</sup> /s	0.1
6	Flow Rate <sup>(2)</sup>	Nm <sup>3</sup> /s	0.1
7	Moisture Content <sup>(1)</sup>	%	1.21
8	O <sub>2</sub> Rate <sup>(1)</sup> , dry basis	%	20.9
9	CO <sub>2</sub> Rate <sup>(1)</sup> , dry basis	%	< 1.0
10	Absolute Stack Pressure <sup>(1)</sup>	mm.Hg	756.9

Parameter	Unit	Method	Result	Standard (Without Combustion)	Analysis Date
			2405-AS0182		
			S5 : Shot Blast 1 Stack		
Particulate <sup>(2)</sup>	mg/Nm <sup>3</sup>	Isokinetic, Gravimetric Method (US.EPA Method 5, Dec 07, 2020)	2.3	400	09-10/05/24

**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-ท-0002  
27.05.24



Approved by

Mrs. Porntip Pethshee  
Laboratory Manager  
ว-236-ท-0003  
27.05.24

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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** : 27/05/24  
**Analysis Date** : 09-10/05/24  
**Job No.** : S670141/May  
**Sampling By** : TET  
**Type of Sample** : Stack

### Sampling Conditions :

Item	Description	Unit	Result
			2405-AS0183
			S6 : Shot Blast 2 Stack
1	Sampling Date	-	08/05/24
2	Stack Diameter	m	Ø 0.15
3	Temperature <sup>(1)</sup>	°C	39
4	Stack Gas Velocity <sup>(1)</sup>	m/s	4.9
5	Flow Rate <sup>(1)</sup>	m <sup>3</sup> /s	0.1
6	Flow Rate <sup>(2)</sup>	Nm <sup>3</sup> /s	0.1
7	Moisture Content <sup>(1)</sup>	%	1.58
8	O <sub>2</sub> Rate <sup>(1)</sup> , dry basis	%	20.9
9	CO <sub>2</sub> Rate <sup>(1)</sup> , dry basis	%	< 1.0
10	Absolute Stack Pressure <sup>(1)</sup>	mm.Hg	756.8

Parameter	Unit	Method	Result		Standard			Analysis Date
			2405-AS0183		(Without Combustion)			
			S6 : Shot Blast 2 Stack		(A)		(B)	
Particulate <sup>(2)</sup>	mg/Nm <sup>3</sup>	Isokinetic, Gravimetric Method (US.EPA Method 5, Dec 07, 2020)	3.3	0.0003 (g/s)	30	0.0030 (g/s)	400	09-10/05/24

**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

27.05.24



Approved by

Mrs. Pornpip Pethshee

Laboratory Manager

27.05.24

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## TEST REPORT

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For Yamada Somboon Co., Ltd.  
โครงการ โรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)  
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**Contact** : Tel. (038) 891 187-9 Ext. 207 Fax. (038) 891 756

**Report Date** : 27/05/24  
**Analysis Date** : 09-10/05/24  
**Job No.** : S670141/May  
**Sampling By** : Mr. Kiattisak Wandee  
**Registration No.** : ว-236-จ-0012  
**Type of Sample** : Stack

### Sampling Conditions :

Item	Description	Unit	Result
			2405-AS0183
			S6 : Shot Blast 2 Stack
1	Sampling Date	-	08/05/24
2	Stack Diameter	m	Ø 0.15
3	Temperature <sup>(1)</sup>	°C	39
4	Stack Gas Velocity <sup>(1)</sup>	m/s	4.9
5	Flow Rate <sup>(1)</sup>	m <sup>3</sup> /s	0.1
6	Flow Rate <sup>(2)</sup>	Nm <sup>3</sup> /s	0.1
7	Moisture Content <sup>(1)</sup>	%	1.58
8	O <sub>2</sub> Rate <sup>(1)</sup> , dry basis	%	20.9
9	CO <sub>2</sub> Rate <sup>(1)</sup> , dry basis	%	< 1.0
10	Absolute Stack Pressure <sup>(1)</sup>	mm.Hg	756.8

Parameter	Unit	Method	Result	Standard (Without Combustion)	Analysis Date
			2405-AS0183		
			S6 : Shot Blast 2 Stack		
Particulate <sup>(2)</sup>	mg/Nm <sup>3</sup>	Isokinetic, Gravimetric Method (US.EPA Method 5, Dec 07, 2020)	3.3	400	09-10/05/24

**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-จ-0002  
27.05.24



Approved by

Mrs. Pomtip Pethshee  
Laboratory Manager

ว-236-จ-0003  
27.05.24

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

**Report Date** : 27/05/24  
**Analysis Date** : 09-10/05/24  
**Job No.** : S670141/May  
**Sampling By** : TET  
**Type of Sample** : Stack

### Sampling Conditions :

Item	Description	Unit	Result	
			2405-AS0184	
			S7 : Shot Blast 3 Stack	
1	Sampling Date	-	08/05/24	
2	Stack Diameter	m	Ø 0.15	
3	Temperature <sup>(1)</sup>	°C	38	
4	Stack Gas Velocity <sup>(1)</sup>	m/s	5.1	
5	Flow Rate <sup>(1)</sup>	m <sup>3</sup> /s	0.1	
6	Flow Rate <sup>(2)</sup>	Nm <sup>3</sup> /s	0.1	
7	Moisture Content <sup>(1)</sup>	%	1.36	
8	O <sub>2</sub> Rate <sup>(1)</sup> , dry basis	%	20.9	
9	CO <sub>2</sub> Rate <sup>(1)</sup> , dry basis	%	< 1.0	
10	Absolute Stack Pressure <sup>(1)</sup>	mm.Hg	756.8	

Parameter	Unit	Method	Result		Standard			Analysis Date
			2405-AS0184		(Without Combustion)			
			S7 : Shot Blast 3 Stack		(A)		(B)	
Particulate <sup>(2)</sup>	mg/Nm <sup>3</sup>	Isokinetic, Gravimetric Method (US.EPA Method 5, Dec 07, 2020)	3.3	0.0003 (g/s)	30	0.0030 (g/s)	400	09-10/05/24

**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

27.05.24



Approved by

Mrs. Pornpip Pethshee

Laboratory Manager

27.05.24

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## TEST REPORT

**Analysis No.** : R24-1584/DIW  
**Received Date** : 09/05/24  
**Customer** : Technical Division of Thai Environmental Technic Limited  
For Yamada Somboon Co., Ltd.  
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**Contact** : Tel. (038) 891 187-9 Ext. 207 Fax. (038) 891 756

**Report Date** : 27/05/24  
**Analysis Date** : 09-10/05/24  
**Job No.** : S670141/May  
**Sampling By** : Mr. Kiattisak Wandee  
**Registration No.** : ๖-236-จ-0012  
**Type of Sample** : Stack

### Sampling Conditions :

Item	Description	Unit	Result
			2405-AS0184
			S7 : Shot Blast 3 Stack
1	Sampling Date	-	08/05/24
2	Stack Diameter	m	Ø 0.15
3	Temperature <sup>(1)</sup>	°C	38
4	Stack Gas Velocity <sup>(1)</sup>	m/s	5.1
5	Flow Rate <sup>(1)</sup>	m <sup>3</sup> /s	0.1
6	Flow Rate <sup>(2)</sup>	Nm <sup>3</sup> /s	0.1
7	Moisture Content <sup>(1)</sup>	%	1.36
8	O <sub>2</sub> Rate <sup>(1)</sup> , dry basis	%	20.9
9	CO <sub>2</sub> Rate <sup>(1)</sup> , dry basis	%	< 1.0
10	Absolute Stack Pressure <sup>(1)</sup>	mm.Hg	756.8

Parameter	Unit	Method	Result	Standard (Without Combustion)	Analysis Date
			2405-AS0184		
			S7 : Shot Blast 3 Stack		
Particulate <sup>(2)</sup>	mg/Nm <sup>3</sup>	Isokinetic, Gravimetric Method (US.EPA Method 5, Dec 07, 2020)	3.3	400	09-10/05/24

**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-ก-0002

27/05/24



Approved by

Mrs. Porntip Pethshee  
Laboratory Manager

๖-236-ก-0003

27/05/24

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## TEST REPORT

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Pluakdaeng Rayong 21140  
**Contact** : Tel. (038) 891 187-9 Ext. 207 Fax. (038) 891 756

**Report Date** : 27/05/24  
**Analysis Date** : 09-10/05/24  
**Job No.** : S670141/May  
**Sampling By** : TET  
**Type of Sample** : Stack

### Sampling Conditions :

Item	Description	Unit	Result
			2405-AS0185
			S8 : Shot Blast 4 Stack
1	Sampling Date	-	08/05/24
2	Stack Diameter	m	Ø 0.15
3	Temperature <sup>(1)</sup>	°C	39
4	Stack Gas Velocity <sup>(1)</sup>	m/s	5.0
5	Flow Rate <sup>(1)</sup>	m <sup>3</sup> /s	0.1
6	Flow Rate <sup>(2)</sup>	Nm <sup>3</sup> /s	0.1
7	Moisture Content <sup>(1)</sup>	%	1.53
8	O <sub>2</sub> Rate <sup>(1)</sup> , dry basis	%	20.9
9	CO <sub>2</sub> Rate <sup>(1)</sup> , dry basis	%	< 1.0
10	Absolute Stack Pressure <sup>(1)</sup>	mm.Hg	756.9

Parameter	Unit	Method	Result		Standard			Analysis Date
			2405-AS0185		(Without Combustion)			
			S8 : Shot Blast 4 Stack		(A)		(B)	
Particulate <sup>(2)</sup>	mg/Nm <sup>3</sup>	Isokinetic, Gravimetric Method (US.EPA Method 5, Dec 07, 2020)	2.3	0.0002 (g/s)	30	0.0030 (g/s)	400	09-10/05/24

**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 Prachumdaeng

Chief of Laboratory

27, 05, 24



Approved by

Mrs. Pornpip Pethshee

Laboratory Manager

27, 05, 24

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## TEST REPORT

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

**Report Date** : 27/05/24  
**Analysis Date** : 09-10/05/24  
**Job No.** : S670141/May  
**Sampling By** : Mr. Kiattisak Wandee  
**Registration No.** : ๖-236-จ-0012  
**Type of Sample** : Stack

### Sampling Conditions :

Item	Description	Unit	Result
			2405-AS0185
			S8 : Shot Blast 4 Stack
1	Sampling Date	-	08/05/24
2	Stack Diameter	m	Ø 0.15
3	Temperature <sup>(1)</sup>	°C	39
4	Stack Gas Velocity <sup>(1)</sup>	m/s	5.0
5	Flow Rate <sup>(1)</sup>	m <sup>3</sup> /s	0.1
6	Flow Rate <sup>(2)</sup>	Nm <sup>3</sup> /s	0.1
7	Moisture Content <sup>(1)</sup>	%	1.53
8	O <sub>2</sub> Rate <sup>(1)</sup> , dry basis	%	20.9
9	CO <sub>2</sub> Rate <sup>(1)</sup> , dry basis	%	< 1.0
10	Absolute Stack Pressure <sup>(1)</sup>	mm.Hg	756.9

Parameter	Unit	Method	Result	Standard (Without Combustion)	Analysis Date
			2405-AS0185		
			S9 : Shot Blast 4 Stack		
Particulate <sup>(2)</sup>	mg/Nm <sup>3</sup>	Isokinetic, Gravimetric Method (US.EPA Method 5, Dec 07, 2020)	2.3	400	09-10/05/24

**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  
๖-236-ก-0002  
๒๗/๐๕/๒๔



Approved by

Mrs. Pornpip Pethshee  
Laboratory Manager  
๖-236-ก-0003  
๒๗/๐๕/๒๔

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## TEST REPORT

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

**Report Date** : 27/05/24  
**Analysis Date** : 09-10/05/24  
**Job No.** : S670141/May  
**Sampling By** : TET  
**Type of Sample** : Stack

### Sampling Conditions :

Item	Description	Unit	Result
			2405-AS0186
			S9 : Shot Blast 5 Stack
1	Sampling Date	-	08/05/24
2	Stack Diameter	m	Ø 0.15
3	Temperature <sup>(1)</sup>	°C	38
4	Stack Gas Velocity <sup>(1)</sup>	m/s	5.2
5	Flow Rate <sup>(1)</sup>	m <sup>3</sup> /s	0.1
6	Flow Rate <sup>(2)</sup>	Nm <sup>3</sup> /s	0.1
7	Moisture Content <sup>(1)</sup>	%	1.53
8	O <sub>2</sub> Rate <sup>(1)</sup> , dry basis	%	20.9
9	CO <sub>2</sub> Rate <sup>(1)</sup> , dry basis	%	<1.0
10	Absolute Stack Pressure <sup>(1)</sup>	mm.Hg	756.8

Parameter	Unit	Method	Result		Standard			Analysis Date
			2405-AS0186		(Without Combustion)			
			S9 : Shot Blast 5 Stack		(A)		(B)	
Particulate <sup>(2)</sup>	mg/Nm <sup>3</sup>	Isokinetic, Gravimetric Method (US.EPA Method 5, Dec 07, 2020)	2.3	0.0002 (g/s)	30	0.0030 (g/s)	400	09-10/05/24

**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  
27, 05, 24



Approved by

Mrs. Pornpip Pethshee  
Laboratory Manager  
27, 05, 24

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## TEST REPORT

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Pluakdaeng Rayong 21140  
**Contact** : Tel. (038) 891 187-9 Ext. 207 Fax. (038) 891 756

**Report Date** : 27/05/24  
**Analysis Date** : 09-10/05/24  
**Job No.** : S670141/May  
**Sampling By** : Mr. Kiattisak Wandee  
**Registration No.** : ๖-236-จ-0012  
**Type of Sample** : Stack

### Sampling Conditions :

Item	Description	Unit	Result
			2405-AS0186
			S9 : Shot Blast 5 Stack
1	Sampling Date	-	08/05/24
2	Stack Diameter	m	Ø 0.15
3	Temperature <sup>(1)</sup>	°C	38
4	Stack Gas Velocity <sup>(1)</sup>	m/s	5.2
5	Flow Rate <sup>(1)</sup>	m <sup>3</sup> /s	0.1
6	Flow Rate <sup>(2)</sup>	Nm <sup>3</sup> /s	0.1
7	Moisture Content <sup>(1)</sup>	%	1.53
8	O <sub>2</sub> Rate <sup>(1)</sup> , dry basis	%	20.9
9	CO <sub>2</sub> Rate <sup>(1)</sup> , dry basis	%	< 1.0
10	Absolute Stack Pressure <sup>(1)</sup>	mm.Hg	756.8

Parameter	Unit	Method	Result	Standard (Without Combustion)	Analysis Date
			2405-AS0186		
			S9 : Shot Blast 5 Stack		
Particulate <sup>(2)</sup>	mg/Nm <sup>3</sup>	Isokinetic, Gravimetric Method (US.EPA Method 5, Dec 07, 2020)	2.3	400	09-10/05/24

**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

๖-236-จ-0002  
๒๗/๐๕/๒๔



Approved by

Mrs. Porntip Pethshee  
Laboratory Manager

๖-236-จ-0003  
๒๗/๐๕/๒๔

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## TEST REPORT

**Analysis No.** : R24-1584  
**Received Date** : 10/05/24  
**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

**Report Date** : 27/05/24  
**Analysis Date** : 09-13/05/24  
**Job No.** : S670141/May  
**Sampling By** : TET  
**Type of Sample** : Stack

### Sampling Conditions :

Item	Description	Unit	Result
			2405-AS0226
			S10 : Sintering Stack 1 (หน้าเครื่อง)
1	Sampling Date	-	09/05/24
2	Stack Diameter	m	Ø 0.30
3	Temperature <sup>(1)</sup>	°C	47
4	Stack Gas Velocity <sup>(1)</sup>	m/s	6.4
5	Flow Rate <sup>(1)</sup>	m <sup>3</sup> /s	0.5
6	Flow Rate <sup>(2)</sup>	Nm <sup>3</sup> /s	0.4
7	Moisture Content <sup>(1)</sup>	%	2.60
8	O <sub>2</sub> Rate <sup>(1)</sup> , dry basis	%	18.4
9	CO <sub>2</sub> Rate <sup>(1)</sup> , dry basis	%	1.8
10	Absolute Stack Pressure <sup>(1)</sup>	mm.Hg	756.7

Parameter	Unit	Method	Result		Standard			Analysis Date
			2405-AS0226		(With Combustion)			
			S10 : Sintering Stack 1 (หน้าเครื่อง)		(A)		(B)	
Particulate <sup>(2)</sup>	mg/Nm <sup>3</sup>	Isokinetic, Gravimetric Method (US.EPA Method 5, Dec 07, 2020)	3.3	0.0013 (g/s)	18	0.0150 (g/s)	240	10-13/05/24
NO <sub>x</sub> as NO <sub>2</sub> <sup>(2)</sup>	ppm	Instrument Analyzer Method (US.EPA Method 7E, Oct 07, 2020)	3.20	0.0025 (g/s)	6	0.0056 (g/s)	200	09/05/24
SO <sub>2</sub> <sup>(2)</sup>	ppm	Instrument Analyzer Method (US.EPA Method 6C, Aug 2, 2017)	< 0.10	< 0.0001 (g/s)	5	0.0065 (g/s)	60	09/05/24
CO <sup>(2)</sup>	ppm	NDIR Method (US.EPA Method 10, Aug 02, 2017)	6	-	-	-	690	09/05/24

**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 : NG

Reviewed by

Ms. Wareerut Prachumdaeng

Chief of Laboratory  
27.05.24



Approved by

Mrs. Pornpip Pethshee

Laboratory Manager  
27.05.24

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## TEST REPORT

**Analysis No.** : R24-1584/DIW  
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For Yamada Somboon Co., Ltd.  
โครงการโรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)  
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Pluakdaeng Rayong 21140  
**Contact** : Tel. (038) 891 187-9 Ext. 207 Fax. (038) 891 756

**Report Date** : 27/05/24  
**Analysis Date** : 09-13/05/24  
**Job No.** : S670141/May  
**Sampling By** : Mr. Kiattisak Wandee  
**Registration No.** : จ-236-จ-0012  
**Type of Sample** : Stack

### Sampling Conditions :

Item	Description	Unit	Result
			2405-AS0226
			S10 : Sintering Stack 1 (หน้าเครื่อง)
1	Sampling Date	-	09/05/24
2	Stack Diameter	m	Ø 0.30
3	Temperature <sup>(1)</sup>	°C	47
4	Stack Gas Velocity <sup>(1)</sup>	m/s	6.4
5	Flow Rate <sup>(1)</sup>	m <sup>3</sup> /s	0.5
6	Flow Rate <sup>(2)</sup>	Nm <sup>3</sup> /s	0.4
7	Moisture Content <sup>(1)</sup>	%	2.60
8	O <sub>2</sub> Rate <sup>(1)</sup> , dry basis	%	18.4
9	CO <sub>2</sub> Rate <sup>(1)</sup> , dry basis	%	1.8
10	Absolute Stack Pressure <sup>(1)</sup>	mm.Hg	756.7

Parameter	Unit	Method	Result	Standard (With Combustion)	Analysis Date
			2405-AS0226		
			S10 : Sintering Stack 1 (หน้าเครื่อง)		
Particulate <sup>(2)</sup>	mg/Nm <sup>3</sup>	Isokinetic, Gravimetric Method (US.EPA Method 5, Dec 07, 2020)	3.3	240	10-13/05/24
NO <sub>x</sub> as NO <sub>2</sub> <sup>(2)</sup>	ppm	Instrument Analyzer Method (US.EPA Method 7E, Oct 07, 2020)	3.20	200	09/05/24
SO <sub>2</sub> <sup>(2)</sup>	ppm	Instrument Analyzer Method (US.EPA Method 6C, Aug 2, 2017)	< 0.10	60	09/05/24
CO <sup>(2)</sup>	ppm	NDIR Method (US.EPA Method 10, Aug 02, 2017)	6	690	09/05/24

**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 : NG

Reviewed by

Ms. Wareerut Prachumdaeng  
Chief of Laboratory

จ-236-ก-0002  
27/05/24



Approved by

Mrs. Pornpip Pethshee  
Laboratory Manager

จ-236-ก-0003  
27/05/24

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## TEST REPORT

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

**Report Date** : 27/05/24  
**Analysis Date** : 09-13/05/24  
**Job No.** : S670141/May  
**Sampling By** : TET  
**Type of Sample** : Stack

### Sampling Conditions :

Item	Description	Unit	Result
			2405-AS0227
			S11 : Sintering Stack 1 (ท้ายเครื่อง)
1	Sampling Date	-	09/05/24
2	Stack Diameter	m	Ø 0.30
3	Temperature <sup>(1)</sup>	°C	46
4	Stack Gas Velocity <sup>(1)</sup>	m/s	6.6
5	Flow Rate <sup>(1)</sup>	m <sup>3</sup> /s	0.5
6	Flow Rate <sup>(2)</sup>	Nm <sup>3</sup> /s	0.4
7	Moisture Content <sup>(1)</sup>	%	2.39
8	O <sub>2</sub> Rate <sup>(1)</sup> , dry basis	%	18.2
9	CO <sub>2</sub> Rate <sup>(1)</sup> , dry basis	%	1.9
10	Absolute Stack Pressure <sup>(1)</sup>	mm.Hg	756.7

Parameter	Unit	Method	Result		Standard			Analysis Date
			2405-AS0227		(With Combustion)			
			S11 : Sintering Stack 1 (ท้ายเครื่อง)		(A)		(B)	
Particulate <sup>(2)</sup>	mg/Nm <sup>3</sup>	Isokinetic, Gravimetric Method (US.EPA Method 5, Dec 07, 2020)	2.8	0.0012 (g/s)	18	0.0150 (g/s)	240	10-13/05/24
NO <sub>x</sub> as NO <sub>2</sub> <sup>(2)</sup>	ppm	Instrument Analyzer Method (US.EPA Method 7E, Oct 07, 2020)	3.00	0.0024 (g/s)	6	0.0056 (g/s)	200	09/05/24
SO <sub>2</sub> <sup>(2)</sup>	ppm	Instrument Analyzer Method (US.EPA Method 6C, Aug 2, 2017)	< 0.10	< 0.0001 (g/s)	5	0.0065 (g/s)	60	09/05/24
CO <sup>(2)</sup>	ppm	NDIR Method (US.EPA Method 10, Aug 02, 2017)	2	-	-	-	690	09/05/24

**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 : NG

Reviewed by

Ms. Wareerut Prachumdaeng

Chief of Laboratory

27.05.24



Approved by

Mrs. Porntip Pethshee

Laboratory Manager

27.05.24



## TEST REPORT

**Analysis No.** : R24-1584/DIW  
**Received Date** : 10/05/24  
**Customer** : Technical Division of Thai Environmental Technic Limited  
For Yamada Somboon Co., Ltd.  
โครงการ โรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)  
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**Report Date** : 27/05/24  
**Analysis Date** : 09-13/05/24  
**Job No.** : S670141/May  
**Sampling By** : Mr. Kiattisak Wandee  
**Registration No.** : ๓-236-๖-0012  
**Type of Sample** : Stack

### Sampling Conditions :

Item	Description	Unit	Result
			2405-AS0227
			S11 : Sintering Stack 1 (ท้ายเครื่อง)
1	Sampling Date	-	09/05/24
2	Stack Diameter	m	Ø 0.30
3	Temperature <sup>(1)</sup>	°C	46
4	Stack Gas Velocity <sup>(1)</sup>	m/s	6.6
5	Flow Rate <sup>(1)</sup>	m <sup>3</sup> /s	0.5
6	Flow Rate <sup>(2)</sup>	Nm <sup>3</sup> /s	0.4
7	Moisture Content <sup>(1)</sup>	%	2.39
8	O <sub>2</sub> Rate <sup>(1)</sup> , dry basis	%	18.2
9	CO <sub>2</sub> Rate <sup>(1)</sup> , dry basis	%	1.9
10	Absolute Stack Pressure <sup>(1)</sup>	mm.Hg	756.7

Parameter	Unit	Method	Result	Standard (With Combustion)	Analysis Date
			2405-AS0227		
			S11 : Sintering Stack 1 (ท้ายเครื่อง)		
Particulate <sup>(2)</sup>	mg/Nm <sup>3</sup>	Isokinetic, Gravimetric Method (US.EPA Method 5, Dec 07, 2020)	2.8	240	10-13/05/24
NO <sub>x</sub> as NO <sub>2</sub> <sup>(2)</sup>	ppm	Instrument Analyzer Method (US.EPA Method 7E, Oct 07, 2020)	3.00	200	09/05/24
SO <sub>2</sub> <sup>(2)</sup>	ppm	Instrument Analyzer Method (US.EPA Method 6C, Aug 2, 2017)	< 0.10	60	09/05/24
CO <sup>(2)</sup>	ppm	NDIR Method (US.EPA Method 10, Aug 02, 2017)	2	690	09/05/24

**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 : NG

Reviewed by

Ms. Wareerut Prachumdaeng  
Chief of Laboratory

๓-236-๖-0002  
๒๗/๐๕/๒๔



Approved by

Mrs. Pornpip Pethshee  
Laboratory Manager

๓-236-๖-0003  
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## TEST REPORT

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

**Report Date** : 27/05/24  
**Analysis Date** : 09-13/05/24  
**Job No.** : S670141/May  
**Sampling By** : TET  
**Type of Sample** : Stack

### Sampling Conditions :

Item	Description	Unit	Result
			2405-AS0228
			S12 : Sintering Stack 2 (หน้าเครื่อง)
1	Sampling Date	-	09/05/24
2	Stack Diameter	m	Ø 0.30
3	Temperature <sup>(1)</sup>	°C	69
4	Stack Gas Velocity <sup>(1)</sup>	m/s	6.9
5	Flow Rate <sup>(1)</sup>	m <sup>3</sup> /s	0.5
6	Flow Rate <sup>(2)</sup>	Nm <sup>3</sup> /s	0.4
7	Moisture Content <sup>(1)</sup>	%	3.35
8	O <sub>2</sub> Rate <sup>(1)</sup> , dry basis	%	18.5
9	CO <sub>2</sub> Rate <sup>(1)</sup> , dry basis	%	1.1
10	Absolute Stack Pressure <sup>(1)</sup>	mm.Hg	756.8

Parameter	Unit	Method	Result		Standard			Analysis Date
			2405-AS0228		(With Combustion)			
			S12 : Sintering Stack 2 (หน้าเครื่อง)		(A)	(B)		
Particulate <sup>(2)</sup>	mg/Nm <sup>3</sup>	Isokinetic, Gravimetric Method (US.EPA Method 5, Dec 07, 2020)	3.1	0.0013 (g/s)	18	0.0150 (g/s)	240	10-13/05/24
NO <sub>x</sub> as NO <sub>2</sub> <sup>(2)</sup>	ppm	Instrument Analyzer Method (US.EPA Method 7E, Oct 07, 2020)	2.10	0.0016 (g/s)	6	0.0056 (g/s)	200	09/05/24
SO <sub>2</sub> <sup>(2)</sup>	ppm	Instrument Analyzer Method (US.EPA Method 6C, Aug 2, 2017)	< 0.10	< 0.0001 (g/s)	5	0.0065 (g/s)	60	09/05/24
CO <sup>(2)</sup>	ppm	NDIR Method (US.EPA Method 10, Aug 02, 2017)	3	-	-	-	690	09/05/24

**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 : NG

Reviewed by

Ms. Wareerut Prachumdaeng

Chief of Laboratory  
27.05.24



Approved by

Mrs. Pornpip Pethshee

Laboratory Manager  
27.05.24

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## TEST REPORT

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Pluakdaeng Rayong 21140  
**Contact** : Tel. (038) 891 187-9 Ext. 207 Fax. (038) 891 756

**Report Date** : 27/05/24  
**Analysis Date** : 09-13/05/24  
**Job No.** : S670141/May  
**Sampling By** : Mr. Kiattisak Wandee  
**Registration No.** : ว-236-จ-0012  
**Type of Sample** : Stack

### Sampling Conditions :

Item	Description	Unit	Result
			2405-AS0228
			S12 : Sintering Stack 2 (หน้าเครื่อง)
1	Sampling Date	-	09/05/24
2	Stack Diameter	m	Ø 0.30
3	Temperature <sup>(1)</sup>	°C	69
4	Stack Gas Velocity <sup>(1)</sup>	m/s	6.9
5	Flow Rate <sup>(1)</sup>	m <sup>3</sup> /s	0.5
6	Flow Rate <sup>(2)</sup>	Nm <sup>3</sup> /s	0.4
7	Moisture Content <sup>(1)</sup>	%	3.35
8	O <sub>2</sub> Rate <sup>(1)</sup> , dry basis	%	18.5
9	CO <sub>2</sub> Rate <sup>(1)</sup> , dry basis	%	1.1
10	Absolute Stack Pressure <sup>(1)</sup>	mm.Hg	756.8

Parameter	Unit	Method	Result	Standard (With Combustion)	Analysis Date
			2405-AS0228		
			S12 : Sintering Stack 2 (หน้าเครื่อง)		
Particulate <sup>(2)</sup>	mg/Nm <sup>3</sup>	Isokinetic, Gravimetric Method (US.EPA Method 5, Dec 07, 2020)	3.1	240	10-13/05/24
NO <sub>x</sub> as NO <sub>2</sub> <sup>(2)</sup>	ppm	Instrument Analyzer Method (US.EPA Method 7E, Oct 07, 2020)	2.10	200	09/05/24
SO <sub>2</sub> <sup>(2)</sup>	ppm	Instrument Analyzer Method (US.EPA Method 6C, Aug 2, 2017)	< 0.10	60	09/05/24
CO <sup>(2)</sup>	ppm	NDIR Method (US.EPA Method 10, Aug 02, 2017)	3	690	09/05/24

**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 : NG

Reviewed by

Ms. Wareerut Prachumdaeng  
Chief of Laboratory  
ว-236-จ-0002  
27.05.24



Approved by

Mrs. Pornpip Pethshee  
Laboratory Manager  
ว-236-จ-0003  
27.05.24

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

**Report Date** : 27/05/24  
**Analysis Date** : 09-13/05/24  
**Job No.** : S670141/May  
**Sampling By** : TET  
**Type of Sample** : Stack

### Sampling Conditions :

Item	Description	Unit	Result
			2405-AS0229
			S13 : Sintering Stack 2 (ท้ายเครื่อง)
1	Sampling Date	-	09/05/24
2	Stack Diameter	m	Ø 0.30
3	Temperature <sup>(1)</sup>	°C	66
4	Stack Gas Velocity <sup>(1)</sup>	m/s	6.8
5	Flow Rate <sup>(1)</sup>	m <sup>3</sup> /s	0.5
6	Flow Rate <sup>(2)</sup>	Nm <sup>3</sup> /s	0.4
7	Moisture Content <sup>(1)</sup>	%	3.03
8	O <sub>2</sub> Rate <sup>(1)</sup> , dry basis	%	18.6
9	CO <sub>2</sub> Rate <sup>(1)</sup> , dry basis	%	1.4
10	Absolute Stack Pressure <sup>(1)</sup>	mm.Hg	756.7

Parameter	Unit	Method	Result		Standard			Analysis Date
			2405-AS0229		(With Combustion)			
			S13 : Sintering Stack 2 (ท้ายเครื่อง)		(A)		(B)	
Particulate <sup>(2)</sup>	mg/Nm <sup>3</sup>	Isokinetic, Gravimetric Method (US.EPA Method 5, Dec 07, 2020)	2.1	0.0009 (g/s)	18	0.0150 (g/s)	240	10-13/05/24
NO <sub>x</sub> as NO <sub>2</sub> <sup>(2)</sup>	ppm	Instrument Analyzer Method (US.EPA Method 7E, Oct 07, 2020)	1.60	0.0012 (g/s)	6	0.0056 (g/s)	200	09/05/24
SO <sub>2</sub> <sup>(2)</sup>	ppm	Instrument Analyzer Method (US.EPA Method 6C, Aug 2, 2017)	< 0.10	< 0.0001 (g/s)	5	0.0065 (g/s)	60	09/05/24
CO <sup>(2)</sup>	ppm	NDIR Method (US.EPA Method 10, Aug 02, 2017)	3	-	-	-	690	09/05/24

**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 : NG

Reviewed by

Ms. Wareerut Prachumdaeng  
Chief of Laboratory  
27, 05, 24



Approved by

Mrs. Pornpip Pethshee  
Laboratory Manager  
27, 05, 24

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## TEST REPORT

**Analysis No.** : R24-1584/DIW  
**Received Date** : 10/05/24  
**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** : 27/05/24  
**Analysis Date** : 09-13/05/24  
**Job No.** : S670141/May  
**Sampling By** : Mr. Kiattisak Wandee  
**Registration No.** : ว-236-จ-0012  
**Type of Sample** : Stack

### Sampling Conditions :

Item	Description	Unit	Result
			2405-AS0229
			S13 : Sintering Stack 2 (ท้ายเครื่อง)
1	Sampling Date	-	09/05/24
2	Stack Diameter	m	Ø 0.30
3	Temperature <sup>(1)</sup>	°C	66
4	Stack Gas Velocity <sup>(1)</sup>	m/s	6.8
5	Flow Rate <sup>(1)</sup>	m <sup>3</sup> /s	0.5
6	Flow Rate <sup>(2)</sup>	Nm <sup>3</sup> /s	0.4
7	Moisture Content <sup>(1)</sup>	%	3.03
8	O <sub>2</sub> Rate <sup>(1)</sup> , dry basis	%	18.6
9	CO <sub>2</sub> Rate <sup>(1)</sup> , dry basis	%	1.4
10	Absolute Stack Pressure <sup>(1)</sup>	mm.Hg	756.7

Parameter	Unit	Method	Result	Standard (With Combustion)	Analysis Date
			2405-AS0229		
			S13 : Sintering Stack 2 (ท้ายเครื่อง)		
Particulate <sup>(2)</sup>	mg/Nm <sup>3</sup>	Isokinetic, Gravimetric Method (US.EPA Method 5, Dec 07, 2020)	2.1	240	10-13/05/24
NO <sub>x</sub> as NO <sub>2</sub> <sup>(2)</sup>	ppm	Instrument Analyzer Method (US.EPA Method 7E, Oct 07, 2020)	1.60	200	09/05/24
SO <sub>2</sub> <sup>(2)</sup>	ppm	Instrument Analyzer Method (US.EPA Method 6C, Aug 2, 2017)	< 0.10	60	09/05/24
CO <sup>(2)</sup>	ppm	NDIR Method (US.EPA Method 10, Aug 02, 2017)	3	690	09/05/24

**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 : NG

Reviewed by

Ms. Wareerut Prachumdaeng  
Chief of Laboratory

ว-236-จ-0002  
27.05.24



Approved by

Mrs. Porntip Pethshee  
Laboratory Manager

ว-236-จ-0003  
27.05.24

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## TEST REPORT

**Analysis No.** : R24-1584  
**Received Date** : 13/05/24  
**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** : 27/05/24  
**Analysis Date** : 10-15/05/24  
**Job No.** : S670141/May  
**Sampling By** : TET  
**Type of Sample** : Stack

### Sampling Conditions :

Item	Description	Unit	Result
			2405-AS0287
			S14 : Boiler Stack 1
1	Sampling Date	-	10/05/24
2	Stack Diameter	m	Ø 0.12
3	Temperature <sup>(1)</sup>	°C	95
4	Stack Gas Velocity <sup>(1)</sup>	m/s	8.0
5	Flow Rate <sup>(1)</sup>	m <sup>3</sup> /s	0.1
6	Flow Rate <sup>(2)</sup>	Nm <sup>3</sup> /s	0.1
7	Moisture Content <sup>(1)</sup>	%	4.30
8	O <sub>2</sub> Rate <sup>(1)</sup> , dry basis	%	11.2
9	CO <sub>2</sub> Rate <sup>(1)</sup> , dry basis	%	7.4
10	Absolute Stack Pressure <sup>(1)</sup>	mm.Hg	756.6

Parameter	Unit	Method	Result			Standard			Analysis Date
			2405-AS0287			(With Combustion)			
			S14 : Boiler Stack 1			(A)		(B)	
Particulate	mg/Nm <sup>3</sup>	Isokinetic, Gravimetric Method (US.EPA Method 5, Dec 07, 2020)	2.8 <sup>(2)</sup>	0.0002 (g/s)	4.0 <sup>(3)</sup>	20	0.0001 (g/s)	320	13-15/05/24
NO <sub>x</sub> as NO <sub>2</sub>	ppm	Instrument Analyzer Method (US.EPA Method 7E, Oct 07, 2020)	< 0.10 <sup>(2)</sup>	< 0.00001 (g/s)	< 0.10 <sup>(3)</sup>	20	0.0002 (g/s)	200	10/05/24
SO <sub>2</sub>	ppm	Instrument Analyzer Method (US.EPA Method 6C, Aug 2, 2017)	< 0.10 <sup>(2)</sup>	< 0.0001 (g/s)	< 0.10 <sup>(3)</sup>	5	0.0001 (g/s)	60	10/05/24
CO	ppm	NDIR Method (US.EPA Method 10, Aug 02, 2017)	1 <sup>(2)</sup>	-	1 <sup>(3)</sup>	-	-	690	10/05/24

**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)

(3) The concentrations of air emissions are based on the reference condition of 25 °C at 1 atm or 760 mm.Hg, excess oxygen of 7 % and dry basis, (closed 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 : NG

Reviewed by

Ms. Wareerut Prachumdaeng

Chief of Laboratory

27/05/24



Approved by

Mrs. Porntip Pethshee

Laboratory Manager

27/05/24

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## TEST REPORT

**Analysis No.** : R24-1584/DIW  
**Received Date** : 13/05/24  
**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** : 27/05/24  
**Analysis Date** : 10-15/05/24  
**Job No.** : S670141/May  
**Sampling By** : Mr. Kiattisak Wandee  
**Registration No.** : ว-236-จ-0012  
**Type of Sample** : Stack

### Sampling Conditions :

Item	Description	Unit	Result	
			2405-AS0287	
			S14 : Boiler Stack 1	
1	Sampling Date	-	10/05/24	
2	Stack Diameter	m	Ø 0.12	
3	Temperature <sup>(1)</sup>	°C	95	
4	Stack Gas Velocity <sup>(1)</sup>	m/s	8.0	
5	Flow Rate <sup>(1)</sup>	m <sup>3</sup> /s	0.1	
6	Flow Rate <sup>(2)</sup>	Nm <sup>3</sup> /s	0.1	
7	Moisture Content <sup>(1)</sup>	%	4.30	
8	O <sub>2</sub> Rate <sup>(1)</sup> , dry basis	%	11.2	
9	CO <sub>2</sub> Rate <sup>(1)</sup> , dry basis	%	7.4	
10	Absolute Stack Pressure <sup>(1)</sup>	mm.Hg	756.6	

Parameter	Unit	Method	Result		Standard (With Combustion)	Analysis Date
			2405-AS0287			
			S14 : Boiler Stack 1			
Particulate	mg/Nm <sup>3</sup>	Isokinetic, Gravimetric Method (US.EPA Method 5, Dec 07, 2020)	2.8 <sup>(2)</sup>	4.0 <sup>(3)</sup>	320	13-15/05/24
NO <sub>x</sub> as NO <sub>2</sub>	ppm	Instrument Analyzer Method (US.EPA Method 7E, Oct 07, 2020)	< 0.10 <sup>(2)</sup>	< 0.10 <sup>(3)</sup>	200	10/05/24
SO <sub>2</sub>	ppm	Instrument Analyzer Method (US.EPA Method 6C, Aug 2, 2017)	< 0.10 <sup>(2)</sup>	< 0.10 <sup>(3)</sup>	60	10/05/24
CO	ppm	NDIR Method (US.EPA Method 10, Aug 02, 2017)	1 <sup>(2)</sup>	1 <sup>(3)</sup>	690	10/05/24

**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)

(3) The concentrations of air emissions are based on the reference condition of 25 °C at 1 atm or 760 mm.Hg, excess oxygen of 7 % and dry basis, (closed system)

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

Source : NG

Reviewed by

Ms. Wareerut Prachumdaeng  
Chief of Laboratory

ว-236-จ-0002  
27, 05, 24



Approved by

Mrs. Pornpip Pethshee  
Laboratory Manager

ว-236-จ-0003  
27, 05, 24

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## TEST REPORT

**Analysis No.** : R24-1584  
**Received Date** : 13/05/24  
**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** : 27/05/24  
**Analysis Date** : 10-15/05/24  
**Job No.** : S670141/May  
**Sampling By** : TET  
**Type of Sample** : Stack

### Sampling Conditions :

Item	Description	Unit	Result
			2405-AS0288
			S15 : Boiler Stack 2
1	Sampling Date	-	10/05/24
2	Stack Diameter	m	Ø 0.12
3	Temperature <sup>(1)</sup>	°C	83
4	Stack Gas Velocity <sup>(1)</sup>	m/s	7.6
5	Flow Rate <sup>(1)</sup>	m <sup>3</sup> /s	0.1
6	Flow Rate <sup>(2)</sup>	Nm <sup>3</sup> /s	0.1
7	Moisture Content <sup>(1)</sup>	%	3.68
8	O <sub>2</sub> Rate <sup>(1)</sup> , dry basis	%	10.9
9	CO <sub>2</sub> Rate <sup>(1)</sup> , dry basis	%	7.9
10	Absolute Stack Pressure <sup>(1)</sup>	mm.Hg	756.7

Parameter	Unit	Method	Result			Standard			Analysis Date
			2405-AS0288			(With Combustion)			
			S15 : Boiler Stack 2			(A)	(B)		
Particulate	mg/Nm <sup>3</sup>	Isokinetic, Gravimetric Method (US.EPA Method 5, Dec 07, 2020)	2.6 <sup>(2)</sup>	0.0002 (g/s)	3.6 <sup>(3)</sup>	20	0.0001 (g/s)	320	13-15/05/24
NO <sub>x</sub> as NO <sub>2</sub>	ppm	Instrument Analyzer Method (US.EPA Method 7E, Oct 07, 2020)	0.60 <sup>(2)</sup>	0.0001 (g/s)	0.83 <sup>(3)</sup>	20	0.0002 (g/s)	200	10/05/24
SO <sub>2</sub>	ppm	Instrument Analyzer Method (US.EPA Method 6C, Aug 2, 2017)	< 0.10 <sup>(2)</sup>	< 0.00002 (g/s)	< 0.10 <sup>(3)</sup>	5	0.0001 (g/s)	60	10/05/24
CO	ppm	NDIR Method (US.EPA Method 10, Aug 02, 2017)	19 <sup>(2)</sup>	-	26 <sup>(3)</sup>	-	-	690	10/05/24

**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)

(3) The concentrations of air emissions are based on the reference condition of 25 °C at 1 atm or 760 mm.Hg, excess oxygen of 7 % and dry basis, (closed 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 : NG

Reviewed by

Ms. Wareerut Prachumdaeng

Chief of Laboratory

27.05.24



Approved by

Mrs. Pornpip Pethshee

Laboratory Manager

27.05.24



## TEST REPORT

**Analysis No.** : R24-1584/DIW  
**Received Date** : 13/05/24  
**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** : 27/05/24  
**Analysis Date** : 10-15/05/24  
**Job No.** : S670141/May  
**Sampling By** : Mr. Kiattisak Wandee  
**Registration No.** : ๖-236-จ-0012  
**Type of Sample** : Stack

### Sampling Conditions :

Item	Description	Unit	Result	
			2405-AS0288	
			S15 : Boiler Stack 2	
1	Sampling Date	-	10/05/24	
2	Stack Diameter	m	Ø 0.12	
3	Temperature <sup>(1)</sup>	°C	83	
4	Stack Gas Velocity <sup>(1)</sup>	m/s	7.6	
5	Flow Rate <sup>(1)</sup>	m <sup>3</sup> /s	0.1	
6	Flow Rate <sup>(2)</sup>	Nm <sup>3</sup> /s	0.1	
7	Moisture Content <sup>(1)</sup>	%	3.68	
8	O <sub>2</sub> Rate <sup>(1)</sup> , dry basis	%	10.9	
9	CO <sub>2</sub> Rate <sup>(1)</sup> , dry basis	%	7.9	
10	Absolute Stack Pressure <sup>(1)</sup>	mm.Hg	756.7	

Parameter	Unit	Method	Result		Standard (With Combustion)	Analysis Date
			2405-AS0288			
			S15 : Boiler Stack 2			
Particulate	mg/Nm <sup>3</sup>	Isokinetic, Gravimetric Method (US.EPA Method 5, Dec 07, 2020)	2.6 <sup>(2)</sup>	3.6 <sup>(3)</sup>	320	13-15/05/24
NO <sub>x</sub> as NO <sub>2</sub>	ppm	Instrument Analyzer Method (US.EPA Method 7E, Oct 07, 2020)	0.60 <sup>(2)</sup>	0.83 <sup>(3)</sup>	200	10/05/24
SO <sub>2</sub>	ppm	Instrument Analyzer Method (US.EPA Method 6C, Aug 2, 2017)	< 0.10 <sup>(2)</sup>	< 0.10 <sup>(3)</sup>	60	10/05/24
CO	ppm	NDIR Method (US.EPA Method 10, Aug 02, 2017)	19 <sup>(2)</sup>	26 <sup>(3)</sup>	690	10/05/24

**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)

(3) The concentrations of air emissions are based on the reference condition of 25 °C at 1 atm or 760 mm.Hg, excess oxygen of 7 % and dry basis, (closed system)

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

Source : NG

Reviewed by

Ms. Wareerut Prachumdaeng  
Chief of Laboratory

๖-236-จ-0002  
27/05/24



Approved by

Mrs. Pornpip Pethshee  
Laboratory Manager

๖-236-จ-0003  
27/05/24

..... END OF REPORT .....

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## TEST REPORT

Customer Name : Yamada Somboon Co., Ltd.

Report No. : 1584/2024/7-26

Project : โครงการโรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)

Report Date : May 23, 2024

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

Sampling Date : May 7-14, 2024

Mabyangporn, Pluakdaeng Rayong 21140

Type of Sample : Sound Level

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

Job No. : S670141/May

Item	Time	Result dB(A)											
		โรงเรียนมาบยางพรวิทยา											
		07-08/05/24			08-09/05/24			09-10/05/24			10-11/05/24		
		Leq	Lmax	L <sub>90</sub>	Leq	Lmax	L <sub>90</sub>	Leq	Lmax	L <sub>90</sub>	Leq	Lmax	L <sub>90</sub>
1.	14.00-15.00	60.0	84.3	53.9	56.5	72.4	54.3	61.0	86.9	56.7	60.7	73.1	58.1
2.	15.00-16.00	58.1	85.7	53.5	56.0	72.6	54.1	58.6	73.8	56.0	60.5	72.9	58.4
3.	16.00-17.00	57.5	85.5	54.0	58.2	85.5	54.6	56.9	64.3	55.5	60.6	68.8	58.0
4.	17.00-18.00	58.6	81.7	56.5	57.2	79.2	55.1	56.9	61.8	55.8	59.6	76.4	56.8
5.	18.00-19.00	58.8	71.5	57.1	58.9	78.8	56.1	57.0	65.3	55.9	60.8	74.9	57.2
6.	19.00-20.00	60.2	81.8	57.9	57.7	72.0	56.3	56.5	61.4	55.6	60.1	76.4	57.0
7.	20.00-21.00	59.4	81.2	57.4	57.8	70.4	56.3	56.5	64.8	54.8	58.8	64.2	56.9
8.	21.00-22.00	59.7	71.9	57.4	57.6	68.6	56.5	56.3	67.5	54.7	59.5	64.2	57.2
9.	22.00-23.00	59.7	68.3	57.6	57.3	71.1	56.1	57.3	64.8	55.0	59.3	66.2	56.7
10.	23.00-00.00	59.9	68.3	57.9	56.9	65.3	55.9	57.2	62.0	55.0	57.9	64.5	56.4
11.	00.00-01.00	59.9	67.4	57.9	57.2	76.0	55.7	57.8	68.5	55.2	59.7	65.0	56.9
12.	01.00-02.00	60.3	64.7	58.6	55.8	70.0	55.0	57.6	72.1	55.1	60.2	63.6	57.2
13.	02.00-03.00	59.7	64.7	57.5	55.4	70.7	54.6	56.8	66.3	54.8	59.3	63.3	56.9
14.	03.00-04.00	60.4	67.1	57.7	55.4	63.6	54.7	55.7	63.0	54.6	59.8	67.4	57.0
15.	04.00-05.00	61.2	66.3	59.7	55.3	60.5	54.6	58.0	74.5	55.5	58.9	64.1	56.8
16.	05.00-06.00	61.6	65.6	59.9	55.9	65.2	54.9	57.8	71.1	55.2	60.2	67.1	57.7
17.	06.00-07.00	62.4	78.9	59.7	60.8	77.0	55.8	58.0	73.0	55.1	60.7	74.9	57.5
18.	07.00-08.00	62.7	75.1	60.6	58.3	73.1	56.1	56.6	63.1	55.1	59.8	73.6	57.8
19.	08.00-09.00	63.4	73.0	59.9	58.7	75.4	56.0	57.5	63.7	55.8	59.5	67.5	58.0
20.	09.00-10.00	60.8	76.6	57.5	57.5	76.5	55.0	57.3	71.3	55.3	60.4	69.3	58.5
21.	10.00-11.00	57.6	69.1	55.1	55.8	74.8	54.5	57.2	65.6	55.7	60.1	74.6	58.3
22.	11.00-12.00	56.4	73.0	54.5	56.2	74.0	54.5	60.0	75.8	56.5	59.3	67.9	57.8
23.	12.00-13.00	56.2	72.8	54.7	55.7	74.4	54.3	59.3	67.1	56.7	61.4	66.5	60.1
24.	13.00-14.00	56.4	77.7	54.3	59.7	82.6	53.9	59.2	65.7	56.9	61.9	66.1	60.1
Leq 24 hr		60.0	-	-	57.4	-	-	57.8	-	-	60.0	-	-
Lmax		-	85.7	-	-	85.5	-	-	86.9	-	-	76.4	-
Standard <sup>(1)(2)</sup>		70	115	-	70	115	-	70	115	-	70	115	-
Ldn		66.9	-	-	63.5	-	-	63.9	-	-	66.1	-	-

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

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

*Pramual M.*

Pramual Moonsarn



*Wannasiri S.*

Wannasiri Suriyawong

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

Customer Name : Yamada Somboon Co., Ltd.

Report No. : 1584/2024/8-26

Project : โครงการโรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)

Report Date : May 23, 2024

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

Sampling Date : May 7-14, 2024

Mabyangporn, Pluakdaeng Rayong 21140

Type of Sample : Sound Level

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

Job No. : S670141/May

Item	Time	Result dB(A)								
		โรงเรียนมาบยางพรวิทยาคม								
		11-12/05/24			12-13/05/24			13-14/05/24		
		Leq	Lmax	L <sub>90</sub>	Leq	Lmax	L <sub>90</sub>	Leq	Lmax	L <sub>90</sub>
1.	14.00-15.00	59.3	65.1	57.6	54.9	62.3	53.5	56.3	76.1	54.3
2.	15.00-16.00	60.3	69.4	57.3	56.1	64.3	54.3	56.6	68.7	54.3
3.	16.00-17.00	60.0	64.7	56.8	56.1	66.3	54.5	58.4	74.7	55.2
4.	17.00-18.00	60.4	72.6	57.1	56.8	73.3	54.2	55.9	67.0	54.6
5.	18.00-19.00	60.8	65.8	59.0	56.0	66.1	53.9	57.6	70.5	55.8
6.	19.00-20.00	60.3	66.9	58.7	57.3	70.8	53.7	57.3	71.2	55.7
7.	20.00-21.00	60.0	67.5	56.7	56.6	67.4	53.8	55.9	61.7	55.0
8.	21.00-22.00	58.6	64.1	56.0	56.6	72.0	54.1	56.2	67.2	55.0
9.	22.00-23.00	58.2	63.8	56.0	56.9	72.4	54.5	56.2	67.9	55.1
10.	23.00-00.00	58.1	67.1	56.0	56.0	65.6	54.1	55.5	59.6	55.0
11.	00.00-01.00	58.3	67.5	56.2	57.3	70.0	54.1	55.7	61.6	55.0
12.	01.00-02.00	57.3	62.6	55.5	55.7	65.6	53.8	55.5	58.3	54.9
13.	02.00-03.00	57.7	61.5	55.9	56.4	70.1	53.8	55.3	60.6	54.8
14.	03.00-04.00	57.7	61.9	56.0	57.1	68.3	54.6	55.5	63.2	54.9
15.	04.00-05.00	57.1	65.6	55.5	56.3	73.0	54.2	57.7	63.5	55.1
16.	05.00-06.00	57.6	67.5	55.8	57.0	67.5	54.9	56.5	64.6	54.9
17.	06.00-07.00	57.1	61.4	55.4	60.2	74.8	54.9	55.4	61.7	54.8
18.	07.00-08.00	56.9	61.1	55.4	56.4	68.8	54.4	55.7	63.7	54.9
19.	08.00-09.00	57.0	61.6	55.3	60.9	85.2	54.5	55.2	60.7	54.6
20.	09.00-10.00	57.0	61.8	55.3	56.4	66.9	54.0	55.9	65.0	54.6
21.	10.00-11.00	57.1	61.7	55.3	55.5	68.3	54.1	55.7	69.5	54.3
22.	11.00-12.00	57.2	65.8	55.2	56.8	67.1	54.4	59.3	77.6	50.4
23.	12.00-13.00	57.0	65.6	55.3	55.8	67.0	54.3	58.0	75.9	51.0
24.	13.00-14.00	59.3	85.0	55.2	57.1	70.3	54.7	57.8	78.7	51.0
Leq 24 hr		58.6	-	-	57.0	-	-	56.6	-	-
Lmax		-	85.0	-	-	85.2	-	-	78.7	-
Standard <sup>(1)(2)</sup>		70	115	-	70	115	-	70	115	-
Ldn		64.3	-	-	63.6	-	-	62.5	-	-

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

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

Pramual M.

Pramual Moonsarn



Wannasiri S.

Wannasiri Suriyawong

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## TEST REPORT

Customer Name : Yamada Somboon Co., Ltd.

Report No. : 1584/2024/9-26

Project : โครงการโรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)

Report Date : May 23, 2024

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

Sampling Date : May 7-14, 2024

Mabyangporn, Pluakdaeng Rayong 21140

Type of Sample : Sound Level

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

Job No. : S670141/May

Item	Time	Result dB(A)											
		รพ. สต. บ้านมาบยางพร											
		07-08/05/24			08-09/05/24			09-10/05/24			10-11/05/24		
		Leq	Lmax	L <sub>90</sub>	Leq	Lmax	L <sub>90</sub>	Leq	Lmax	L <sub>90</sub>	Leq	Lmax	L <sub>90</sub>
1.	14.00-15.00	60.9	86.7	52.9	53.5	76.6	45.7	53.7	82.5	45.7	65.1	85.8	63.5
2.	15.00-16.00	55.9	69.2	52.2	53.4	76.1	46.4	52.7	75.1	47.1	61.7	80.3	56.5
3.	16.00-17.00	57.7	79.9	53.0	52.8	73.3	46.3	51.9	72.6	45.7	56.7	78.4	47.1
4.	17.00-18.00	58.9	80.5	54.6	53.1	71.8	46.8	52.9	80.0	46.7	61.6	84.0	50.6
5.	18.00-19.00	56.8	68.9	53.3	59.9	80.0	54.2	54.0	71.0	48.2	58.9	77.1	53.7
6.	19.00-20.00	57.4	79.2	52.9	61.7	81.9	57.7	59.7	79.6	52.0	61.7	86.4	56.3
7.	20.00-21.00	55.0	71.5	51.1	59.0	77.5	54.7	57.8	77.1	52.5	62.9	88.7	59.6
8.	21.00-22.00	57.1	82.7	51.0	59.1	82.3	54.3	58.9	77.5	54.9	61.4	82.3	57.4
9.	22.00-23.00	55.3	73.5	50.4	60.8	80.4	55.3	59.3	81.9	55.0	61.5	79.2	57.9
10.	23.00-00.00	55.3	77.6	49.3	58.0	78.8	53.6	58.9	83.8	52.6	63.9	92.8	58.1
11.	00.00-01.00	58.2	71.7	49.7	60.8	88.3	53.3	59.1	78.4	52.8	62.0	80.9	57.8
12.	01.00-02.00	58.1	75.6	50.1	58.7	78.2	54.7	58.5	80.2	52.0	61.2	79.7	57.6
13.	02.00-03.00	57.2	68.9	53.3	57.1	78.0	54.7	56.0	73.9	52.9	62.0	81.8	58.5
14.	03.00-04.00	54.2	69.6	48.2	57.3	77.7	51.3	57.0	73.1	52.0	63.9	89.1	58.7
15.	04.00-05.00	54.1	67.0	49.3	62.9	80.7	52.0	60.6	80.6	53.2	59.5	74.7	57.7
16.	05.00-06.00	56.6	73.3	53.7	62.2	80.9	51.6	64.3	86.3	51.2	58.3	79.7	56.3
17.	06.00-07.00	56.9	76.7	54.3	62.6	86.4	56.6	61.9	82.1	52.1	63.8	90.5	55.2
18.	07.00-08.00	58.6	71.4	54.8	59.4	78.0	54.7	58.8	82.3	53.1	67.6	91.5	55.4
19.	08.00-09.00	57.2	77.3	53.0	59.6	80.2	52.3	59.5	85.9	53.3	60.9	79.3	54.3
20.	09.00-10.00	56.5	77.3	52.1	61.1	86.0	50.2	68.6	96.4	50.7	63.4	87.4	53.8
21.	10.00-11.00	54.4	67.8	50.7	52.9	72.6	46.1	58.2	77.7	50.7	59.0	76.6	52.3
22.	11.00-12.00	55.5	71.0	51.7	54.6	76.3	46.6	68.5	93.3	57.4	56.7	78.3	50.0
23.	12.00-13.00	59.9	93.2	50.0	55.2	80.9	47.8	62.9	83.8	55.0	64.4	75.0	50.2
24.	13.00-14.00	52.8	77.9	45.8	58.5	89.1	51.0	61.8	89.1	49.6	66.0	85.3	49.6
Leq 24 hr		57.1	-	-	59.2	-	-	61.4	-	-	62.6	-	-
Lmax		-	93.2	-	-	89.1	-	-	96.4	-	-	92.8	-
Standard <sup>(1)(2)</sup>		70	115	-	70	115	-	70	115	-	70	115	-
Ldn		63.0	-	-	66.7	-	-	66.9	-	-	68.7	-	-

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

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

Pramual M.

Pramual Moonsarn



Wannasiri S.

Wannasiri Suriyawong

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## TEST REPORT

Customer Name : Yamada Somboon Co., Ltd.

Report No. : 1584/2024/10-26

Project : โครงการโรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)

Report Date : May 23, 2024

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

Sampling Date : May 7-14, 2024

Mabyangporn, Pluakdaeng Rayong 21140

Type of Sample : Sound Level

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

Job No. : S670141/May

Item	Time	Result dB(A)								
		รพ. สต. บ้านมาบยางพร								
		11-12/05/24			12-13/05/24			13-14/05/24		
		Leq	Lmax	L <sub>90</sub>	Leq	Lmax	L <sub>90</sub>	Leq	Lmax	L <sub>90</sub>
1.	14.00-15.00	69.3	78.9	67.2	57.8	76.1	52.4	57.2	75.8	53.0
2.	15.00-16.00	66.9	91.4	53.6	56.5	72.8	52.0	56.2	69.6	52.8
3.	16.00-17.00	58.8	82.4	49.4	58.0	81.1	53.1	58.7	78.2	52.9
4.	17.00-18.00	58.1	82.7	52.2	59.5	84.1	52.2	57.6	75.7	52.0
5.	18.00-19.00	61.9	80.5	57.0	59.2	81.2	53.5	55.5	66.9	51.6
6.	19.00-20.00	62.7	87.4	57.5	62.7	85.3	54.7	58.7	74.7	52.0
7.	20.00-21.00	61.8	81.9	57.6	62.2	76.7	60.4	57.1	71.1	51.3
8.	21.00-22.00	66.1	90.5	63.2	62.4	79.3	60.8	58.2	74.1	52.8
9.	22.00-23.00	65.0	86.7	62.9	63.3	85.5	60.8	59.7	75.1	53.0
10.	23.00-00.00	64.4	81.2	62.3	61.8	84.4	56.9	59.6	82.6	53.6
11.	00.00-01.00	64.1	82.8	62.4	60.3	83.8	57.0	56.7	74.0	52.4
12.	01.00-02.00	65.1	91.9	61.8	62.6	92.4	56.9	55.2	67.8	51.6
13.	02.00-03.00	64.3	94.3	61.1	62.7	84.9	58.8	58.2	73.7	53.1
14.	03.00-04.00	62.4	80.7	60.6	62.3	86.5	59.1	60.0	77.4	53.6
15.	04.00-05.00	60.8	82.5	54.8	62.8	91.5	59.1	57.3	68.6	53.1
16.	05.00-06.00	61.8	96.3	56.2	64.6	89.8	59.0	58.5	72.0	52.9
17.	06.00-07.00	66.5	91.1	59.1	62.6	80.8	56.7	59.5	81.9	52.5
18.	07.00-08.00	65.8	83.9	59.9	63.7	79.0	56.7	58.8	76.2	52.5
19.	08.00-09.00	62.0	89.4	55.2	61.4	80.5	53.9	57.4	72.7	52.4
20.	09.00-10.00	59.8	81.0	54.5	62.8	85.6	54.2	60.1	75.6	52.8
21.	10.00-11.00	60.9	79.8	56.4	60.3	76.6	54.3	56.8	74.4	51.9
22.	11.00-12.00	59.6	80.7	54.3	60.7	78.2	54.2	57.6	75.7	52.7
23.	12.00-13.00	60.0	79.0	54.4	61.6	80.2	53.6	56.0	67.6	52.3
24.	13.00-14.00	57.2	75.5	52.2	57.1	75.1	51.9	54.2	69.0	50.6
Leq 24 hr		63.8	-	-	61.7	-	-	58.0	-	-
Lmax		-	96.3	-	-	92.4	-	-	82.6	-
Standard <sup>(1)(2)</sup>		70	115	-	70	115	-	70	115	-
Ldn		70.5	-	-	68.9	-	-	64.8	-	-

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

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

Pramual M.

Pramual Moonsarn



Wannasiri S.

Wannasiri Suriyawong

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## TEST REPORT

Customer Name : Yamada Somboon Co., Ltd.

Report No. : 1584/2024/11-26

Project : โครงการโรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)

Report Date : May 23, 2024

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

Sampling Date : May 7-14, 2024

Mabyangporn, Pluakdaeng Rayong 21140

Type of Sample : Sound Level

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

Job No. : S670141/May

Item	Time	Result dB(A)													
		ริมรั้วโครงการทิศเหนือ													
		07-08/05/24		08-09/05/24		09-10/05/24		10-11/05/24		11-12/05/24		12-13/05/24		13-14/05/24	
		Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax
1.	14.00-15.00	61.4	68.0	59.4	69.8	58.6	64.9	60.6	68.2	59.3	63.2	58.9	64.4	59.4	66.6
2.	15.00-16.00	60.0	68.8	66.5	82.8	59.2	65.0	59.8	63.3	57.7	58.8	60.0	68.0	61.9	73.5
3.	16.00-17.00	61.7	76.0	61.5	70.5	59.7	71.3	62.9	69.7	59.4	65.1	64.2	75.4	60.7	71.7
4.	17.00-18.00	61.7	74.1	58.4	64.1	61.6	72.3	60.1	68.9	57.8	60.5	60.2	65.8	59.0	70.6
5.	18.00-19.00	60.3	72.8	62.3	71.6	59.3	67.2	60.4	66.0	58.1	63.2	60.9	67.6	66.7	78.2
6.	19.00-20.00	60.9	68.5	61.9	69.3	59.6	66.0	58.2	60.9	58.5	65.9	61.2	63.5	58.3	65.9
7.	20.00-21.00	57.4	63.9	60.6	69.1	58.9	68.3	58.9	64.9	58.0	59.1	56.6	61.2	62.2	71.8
8.	21.00-22.00	58.6	69.5	63.1	71.8	60.3	67.2	62.4	66.9	57.8	60.9	58.0	63.9	59.9	66.9
9.	22.00-23.00	57.8	69.2	56.8	64.1	59.7	68.0	60.1	63.0	58.0	59.0	58.1	65.4	62.0	71.0
10.	23.00-00.00	57.7	67.1	57.3	66.7	58.1	62.5	60.1	65.5	55.9	57.0	58.8	64.9	61.8	66.7
11.	00.00-01.00	53.6	61.4	55.4	62.1	58.2	64.5	59.3	63.9	58.0	62.2	57.1	69.3	60.1	67.5
12.	01.00-02.00	60.0	80.1	59.5	66.0	56.1	58.8	60.4	66.4	56.4	60.4	57.3	65.3	59.3	66.3
13.	02.00-03.00	54.7	66.0	56.3	59.1	59.3	64.9	59.6	63.4	59.9	68.4	55.7	62.9	60.9	65.7
14.	03.00-04.00	55.6	65.7	62.2	74.8	58.8	65.2	59.9	65.7	55.3	56.1	55.4	64.7	59.8	70.0
15.	04.00-05.00	54.0	66.7	58.7	70.0	60.4	66.3	58.8	61.5	56.6	58.7	55.8	63.5	57.6	64.9
16.	05.00-06.00	57.8	71.0	66.8	80.9	58.9	63.7	61.4	68.4	55.7	58.0	57.1	66.7	58.7	66.2
17.	06.00-07.00	64.2	75.9	63.5	75.2	60.8	73.5	62.2	65.9	55.9	57.6	56.2	69.3	61.0	71.1
18.	07.00-08.00	61.3	73.1	68.6	83.9	59.5	65.7	62.7	68.9	55.7	56.7	56.4	65.8	63.0	73.9
19.	08.00-09.00	61.4	78.5	59.1	72.4	58.2	66.8	62.0	68.1	56.4	59.8	51.1	55.0	63.9	70.8
20.	09.00-10.00	61.2	70.2	64.5	79.8	59.4	67.6	59.2	62.4	55.9	57.5	56.0	64.8	68.4	87.3
21.	10.00-11.00	63.9	75.6	55.3	66.4	59.2	64.7	59.8	65.6	56.4	57.9	67.2	83.2	62.2	68.0
22.	11.00-12.00	62.5	73.0	64.8	78.3	64.7	77.1	62.5	69.7	59.1	64.1	61.7	75.5	67.9	81.3
23.	12.00-13.00	60.7	71.6	69.2	77.3	61.9	67.3	58.1	59.4	61.3	65.0	62.3	71.4	61.7	69.0
24.	13.00-14.00	59.0	67.3	64.1	75.9	63.9	72.3	58.5	60.8	58.6	65.9	61.6	71.3	56.0	57.8
Leq 24 hr		60.3	-	63.3	-	60.2	-	60.6	-	57.9	-	60.1	-	62.6	-
Lmax		-	80.1	-	83.9	-	77.1	-	69.7	-	68.4	-	83.2	-	87.3
Standard <sup>(1)(2)</sup>		70	115	70	115	70	115	70	115	70	115	70	115	70	115

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

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

Pramual M.

Pramual Moonsarn



Wannasiri S.

Wannasiri Suriyawong

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## TEST REPORT

Customer Name : Yamada Somboon Co., Ltd.

Report No. : 1584/2024/12-26

Project : โครงการโรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)

Report Date : May 23, 2024

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

Sampling Date : May 7-14, 2024

Mabyangporn, Pluakdaeng Rayong 21140

Type of Sample : Sound Level

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

Job No. : S670141/May

Item	Time	Result dB(A)													
		วิธีวัดโครงการทดสอบวันออก													
		07-08/05/24		08-09/05/24		09-10/05/24		10-11/05/24		11-12/05/24		12-13/05/24		13-14/05/24	
		Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax
1.	14.00-15.00	62.4	74.8	60.3	73.4	59.3	65.3	62.4	68.1	59.8	65.9	57.2	62.0	61.2	68.8
2.	15.00-16.00	56.9	71.6	60.3	69.0	61.1	74.7	61.1	68.5	59.0	62.8	58.8	66.8	58.7	72.6
3.	16.00-17.00	66.7	88.6	59.2	68.6	66.7	76.1	62.2	67.8	58.5	61.7	57.7	64.6	59.5	69.8
4.	17.00-18.00	59.7	76.8	58.4	65.3	62.7	71.7	63.7	69.6	59.2	63.7	60.3	70.0	61.6	75.1
5.	18.00-19.00	59.2	66.8	63.6	72.0	59.4	63.8	60.7	65.6	62.6	70.2	65.8	77.0	59.1	74.6
6.	19.00-20.00	58.6	70.1	65.9	71.2	59.9	67.4	58.6	64.5	58.1	60.1	60.5	67.5	65.9	83.3
7.	20.00-21.00	59.2	67.9	58.9	66.3	58.5	62.5	59.7	67.8	57.8	58.7	57.6	65.1	59.6	64.4
8.	21.00-22.00	57.1	67.8	59.9	69.0	58.5	65.3	63.1	72.3	59.5	63.0	58.5	67.5	59.3	65.3
9.	22.00-23.00	54.7	64.5	56.3	65.9	58.9	62.8	61.0	64.6	55.9	57.5	62.6	73.6	60.1	67.9
10.	23.00-00.00	53.4	59.1	57.4	67.1	59.0	68.6	59.7	62.1	56.6	58.1	58.4	64.3	61.3	69.4
11.	00.00-01.00	56.6	68.2	56.8	63.7	59.9	77.6	66.7	77.8	56.6	58.1	59.5	65.6	61.9	74.5
12.	01.00-02.00	54.4	66.9	54.3	59.5	57.4	61.6	61.3	66.1	56.7	62.9	57.2	66.6	65.7	73.9
13.	02.00-03.00	52.3	58.5	60.9	72.5	58.7	65.4	65.1	73.2	56.0	57.2	60.6	73.2	62.2	66.4
14.	03.00-04.00	57.7	67.4	64.1	73.4	57.4	61.7	60.0	63.3	55.8	56.8	54.8	62.9	57.1	63.4
15.	04.00-05.00	60.5	77.9	59.1	75.1	59.7	74.3	62.6	79.7	55.8	57.8	57.5	63.6	60.8	68.3
16.	05.00-06.00	64.0	71.9	64.5	73.2	63.4	71.9	64.0	66.6	57.0	61.7	55.4	65.7	61.6	69.9
17.	06.00-07.00	63.0	77.8	62.7	75.3	59.6	63.7	59.8	67.4	55.8	57.1	52.6	63.2	60.1	68.4
18.	07.00-08.00	60.5	73.0	66.6	77.6	58.5	61.8	59.1	62.0	56.4	58.9	64.8	75.1	62.1	69.8
19.	08.00-09.00	61.1	72.0	62.7	76.8	58.0	61.3	59.1	61.4	56.5	61.8	57.6	65.7	60.1	67.2
20.	09.00-10.00	60.2	70.2	63.8	77.0	58.8	66.1	62.3	67.7	55.8	56.7	58.6	64.6	63.3	71.4
21.	10.00-11.00	61.6	79.5	68.3	81.6	58.2	64.9	58.5	60.7	60.0	65.2	57.8	71.1	63.3	70.4
22.	11.00-12.00	60.9	75.5	60.3	67.6	60.5	69.3	57.6	59.1	62.4	69.3	63.2	73.5	58.4	64.2
23.	12.00-13.00	61.0	75.8	60.5	72.1	60.1	63.0	60.1	67.6	58.1	64.2	61.8	69.3	55.9	60.5
24.	13.00-14.00	61.1	73.5	59.9	65.9	65.3	79.7	57.8	59.3	61.2	67.5	56.3	62.5	56.5	62.0
Leq 24 hr		60.5	-	62.4	-	60.8	-	61.7	-	58.5	-	60.1	-	61.4	-
Lmax		-	88.6	-	81.6	-	79.7	-	79.7	-	70.2	-	77.0	-	83.3
Standard <sup>(1)(2)</sup>		70	115	70	115	70	115	70	115	70	115	70	115	70	115

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

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

Pramual M.

Pramual Moonsarn



Wannasiri S.

Wannasiri Suriyawong

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## TEST REPORT

Customer Name : Yamada Somboon Co., Ltd.

Report No. : 1584/2024/13-26

Project : โครงการโรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)

Report Date : May 23, 2024

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

Sampling Date : May 7-14, 2024

Mabyangporn, Pluakdaeng Rayong 21140

Type of Sample : Sound Level

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

Job No. : S670141/May

Item	Time	Result dB(A)													
		วิธีวัดโครงการทดสอบ													
		07-08/05/24		08-09/05/24		09-10/05/24		10-11/05/24		11-12/05/24		12-13/05/24		13-14/05/24	
		Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax
1.	14.00-15.00	61.2	67.6	61.4	72.1	59.5	64.0	60.2	65.3	60.2	62.9	60.2	66.9	57.6	64.5
2.	15.00-16.00	58.4	71.7	61.5	73.3	60.8	71.6	62.0	70.6	60.1	66.9	57.7	66.1	61.4	69.1
3.	16.00-17.00	60.2	70.5	60.4	78.6	60.3	71.6	60.3	65.9	58.4	62.1	58.8	66.5	64.6	71.0
4.	17.00-18.00	63.9	77.8	60.6	76.1	65.9	78.8	65.0	74.4	60.3	65.9	61.9	67.6	58.8	67.4
5.	18.00-19.00	60.0	67.4	59.4	66.6	61.4	69.3	59.8	65.6	57.5	60.6	58.6	65.4	59.2	65.9
6.	19.00-20.00	58.6	65.2	65.0	76.0	57.4	63.4	60.9	64.8	64.2	76.8	61.7	64.5	59.3	69.1
7.	20.00-21.00	56.9	61.6	60.0	71.1	59.6	64.7	60.0	62.4	57.9	58.6	57.8	62.2	60.6	64.8
8.	21.00-22.00	56.5	64.1	59.4	66.0	58.3	67.5	60.4	62.6	56.4	61.3	57.0	60.9	59.7	67.2
9.	22.00-23.00	55.1	63.7	55.1	62.7	61.7	69.7	61.3	67.7	56.3	57.4	58.2	66.3	60.4	68.3
10.	23.00-00.00	59.1	69.2	55.8	63.1	57.1	62.4	60.7	65.3	56.0	56.8	55.9	63.0	62.8	77.9
11.	00.00-01.00	55.4	66.1	59.5	69.7	59.5	66.6	60.2	66.7	56.8	60.9	63.3	74.1	63.0	72.9
12.	01.00-02.00	55.4	68.7	56.2	62.4	61.4	75.7	59.0	60.3	55.5	56.4	57.8	63.5	61.7	68.8
13.	02.00-03.00	54.0	65.0	58.4	64.4	61.4	66.8	60.3	66.2	55.4	56.2	53.1	58.3	61.4	68.4
14.	03.00-04.00	54.4	63.5	58.2	68.6	59.5	67.3	61.2	64.7	56.4	60.6	58.5	68.3	58.9	69.1
15.	04.00-05.00	61.7	78.4	61.8	76.7	64.9	75.8	59.4	63.7	56.6	65.7	56.4	64.5	60.1	68.7
16.	05.00-06.00	61.5	73.5	67.1	81.1	59.8	72.7	61.0	65.0	56.4	61.4	59.8	69.2	58.7	73.1
17.	06.00-07.00	65.9	73.7	65.9	78.8	59.6	69.3	64.0	71.0	59.8	67.0	53.9	60.2	61.3	72.0
18.	07.00-08.00	61.0	70.9	62.0	70.8	59.3	63.6	64.2	72.8	55.7	56.9	56.8	63.4	58.0	65.1
19.	08.00-09.00	61.4	79.1	63.5	78.3	58.7	67.1	64.8	77.0	56.1	60.8	61.7	69.9	60.8	69.3
20.	09.00-10.00	64.4	76.1	63.2	75.0	59.7	66.2	61.2	67.2	55.5	56.9	55.4	62.9	61.5	67.6
21.	10.00-11.00	61.1	72.7	56.4	71.6	61.3	68.0	63.7	72.0	56.4	58.7	57.2	69.4	59.1	67.5
22.	11.00-12.00	61.7	68.7	60.5	74.6	62.2	74.0	64.3	70.2	57.0	68.0	58.2	73.2	71.7	78.8
23.	12.00-13.00	62.7	77.1	60.4	67.6	61.6	70.7	58.4	60.1	61.3	65.6	61.9	74.7	60.5	66.8
24.	13.00-14.00	60.4	67.5	60.2	70.1	61.8	70.5	59.1	62.0	57.2	64.8	63.9	72.6	61.5	67.8
Leq 24 hr		60.7	-	61.6	-	61.0	-	61.8	-	58.3	-	59.4	-	62.5	-
Lmax		-	79.1	-	81.1	-	78.8	-	77.0	-	76.8	-	74.7	-	78.8
Standard <sup>(1)(2)</sup>		70	115	70	115	70	115	70	115	70	115	70	115	70	115

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

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

Pramual M.

Pramual Moonsarn



Wannasiri S.

Wannasiri Suriyawong

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## TEST REPORT

Customer Name : Yamada Somboon Co., Ltd.

Report No. : 1584/2024/14-26

Project : โครงการโรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)

Report Date : May 23, 2024

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

Sampling Date : May 7-14, 2024

Mabyangporn, Pluakdaeng Rayong 21140

Type of Sample : Sound Level

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

Job No. : S670141/May

Item	Time	Result dB(A)													
		วิธีวัดโครงการพิเศษได้													
		07-08/05/24		08-09/05/24		09-10/05/24		10-11/05/24		11-12/05/24		12-13/05/24		13-14/05/24	
		Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax
1.	14.00-15.00	62.3	83.3	61.5	74.9	59.0	67.2	60.2	65.2	60.8	64.9	58.4	61.9	57.9	66.6
2.	15.00-16.00	58.1	70.5	65.0	78.7	60.5	74.6	62.2	69.8	58.3	60.9	59.9	67.3	61.0	73.9
3.	16.00-17.00	61.3	70.8	60.1	68.0	61.0	67.6	59.7	64.7	58.4	63.8	57.3	66.5	67.8	71.7
4.	17.00-18.00	64.3	76.0	61.0	70.3	62.4	70.0	64.3	67.7	57.7	62.2	62.6	71.6	60.6	68.5
5.	18.00-19.00	61.4	68.5	60.2	72.9	60.6	67.9	60.7	66.2	57.9	59.0	59.1	63.9	60.1	70.2
6.	19.00-20.00	58.6	63.1	64.1	72.2	60.3	65.8	61.8	66.6	57.1	58.2	61.1	64.5	63.7	73.8
7.	20.00-21.00	57.6	65.4	60.4	71.2	58.8	65.4	61.6	73.8	58.0	58.7	57.2	64.5	61.2	69.6
8.	21.00-22.00	56.4	63.1	58.0	65.7	57.0	64.9	60.2	64.1	59.5	63.3	60.3	68.3	58.4	64.3
9.	22.00-23.00	57.4	66.4	54.9	58.0	59.8	63.3	61.8	68.7	59.0	67.7	59.0	69.1	62.7	72.5
10.	23.00-00.00	57.0	66.5	58.4	69.6	57.4	62.7	59.7	62.3	55.9	57.2	56.4	66.8	60.6	74.2
11.	00.00-01.00	56.4	70.1	57.9	65.6	60.1	63.2	61.4	65.7	60.2	65.0	59.1	73.7	58.9	67.4
12.	01.00-02.00	51.9	60.1	55.5	57.1	56.8	68.1	62.6	68.3	56.2	62.3	55.0	61.9	61.0	66.3
13.	02.00-03.00	53.1	64.6	57.4	68.7	59.7	65.6	64.8	71.3	55.4	56.5	53.9	58.7	66.1	78.4
14.	03.00-04.00	56.1	69.7	58.6	66.4	61.4	72.4	61.4	67.5	56.4	58.9	56.7	67.7	60.4	71.8
15.	04.00-05.00	58.0	75.8	58.4	74.2	64.1	72.6	61.2	70.1	56.0	60.3	54.5	64.0	60.1	68.2
16.	05.00-06.00	64.9	75.2	64.6	73.7	58.1	70.3	63.6	70.2	57.0	61.5	58.2	68.3	61.5	69.5
17.	06.00-07.00	64.2	74.3	63.6	73.4	60.2	65.2	63.1	67.8	55.9	57.8	53.3	64.3	65.3	73.9
18.	07.00-08.00	60.3	72.5	62.1	72.5	60.3	67.6	61.8	66.3	55.8	57.0	54.6	65.3	57.7	71.9
19.	08.00-09.00	65.6	80.0	59.7	72.6	61.0	70.5	59.5	65.7	56.2	57.2	61.0	70.8	64.7	72.5
20.	09.00-10.00	60.2	73.7	64.2	74.8	60.4	69.3	60.2	67.7	55.8	56.5	71.9	96.9	59.6	65.4
21.	10.00-11.00	61.4	76.1	58.5	69.7	59.4	66.2	65.9	71.0	56.3	62.6	59.7	66.5	58.4	64.1
22.	11.00-12.00	61.3	74.5	61.0	64.7	61.3	72.3	60.6	65.1	61.2	68.2	57.4	63.5	62.4	68.4
23.	12.00-13.00	61.9	74.7	58.9	62.7	60.8	66.4	58.7	63.2	63.0	72.1	59.5	67.2	57.7	64.7
24.	13.00-14.00	60.1	75.8	58.3	68.7	61.1	65.6	58.9	62.0	55.6	64.3	61.6	73.8	63.2	73.8
Leq 24 hr		60.8	-	61.0	-	60.4	-	61.9	-	58.2	-	61.4	-	62.2	-
Lmax		-	83.3	-	78.7	-	74.6	-	73.8	-	72.1	-	96.9	-	78.4
Standard <sup>(1)(2)</sup>		70	115	70	115	70	115	70	115	70	115	70	115	70	115

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

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

Pramual M.

Pramual Moonsarn



Wannasiri S.

Wannasiri Suriyawong

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## TEST REPORT

Customer Name : Yamada Somboon Co., Ltd.

Report No. : 1584/2024/15-26

Project : โครงการโรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)

Report Date : May 23, 2024

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

Sampling Date : May 7-14, 2024

Mabyangporn, Pluakdaeng Rayong 21140

Type of Sample : เสียงรบกวน

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

Job No. : S670141/May

(15/1-3)

Item	Time	Result (dB(A))				
		โรงเรียนมาบยางพรวิทยาคม				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L <sub>90</sub> )	ค่าระดับการรบกวน
		07-08/05/24	11-12/05/24	-	11-12/05/24	-
1.	14.00-15.00	60.0	59.3	51.3	57.6	-6.3
2.	15.00-16.00	58.1	60.3	58.1	57.3	0.8
3.	16.00-17.00	57.5	60.0	57.5	56.8	0.7
4.	17.00-18.00	58.6	60.4	58.6	57.1	1.5
5.	18.00-19.00	58.8	60.8	58.8	59.0	-0.1
6.	19.00-20.00	60.2	60.3	60.2	58.7	1.5
7.	20.00-21.00	59.4	60.0	59.4	56.7	2.8
8.	21.00-22.00	59.7	58.6	53.3	56.0	-2.7
9.	22.00-22.05	59.6	57.4	55.6	55.9	-0.3
	22.05-22.10	59.5	61.0	59.5	56.5	3.0
	22.10-22.15	59.9	57.4	59.3	55.8	3.5
	22.15-22.20	59.6	57.7	58.1	56.0	2.1
	22.20-22.25	59.9	57.4	59.3	55.9	3.4
	22.25-22.30	59.5	58.3	56.3	56.0	0.3
	22.30-22.35	59.7	57.6	58.5	56.0	2.5
	22.35-22.40	59.3	57.5	57.6	56.0	1.6
	22.40-22.45	59.7	58.0	57.8	56.1	1.7
	22.45-22.50	60.2	58.8	57.6	56.2	1.4
	22.50-22.55	59.7	58.0	57.8	56.1	1.7
	22.55-23.00	59.7	57.9	58.0	56.0	2.0
10.	23.00-23.05	60.2	58.0	59.2	56.1	3.1
	23.05-23.10	59.8	60.7	59.8	56.3	3.5
	23.10-23.15	59.7	58.0	57.8	56.1	1.7
	23.15-23.20	59.9	57.7	58.9	56.0	2.9
	23.20-23.25	59.7	58.1	57.6	56.2	1.4
	23.25-23.30	59.8	57.4	59.1	55.9	3.2
	23.30-23.35	59.9	57.6	59.0	55.5	3.5
	23.35-23.40	59.9	56.9	59.9	55.2	4.7
	23.40-23.45	60.0	57.9	58.8	56.0	2.8
	23.45-23.50	59.8	57.8	58.5	55.7	2.8
	23.50-23.55	59.9	57.3	59.4	55.8	3.6
	23.55-00.00	60.0	58.2	58.3	56.3	2.0
Standard <sup>(1)(2)</sup>						10



## TEST REPORT

(15/2-3)

Item	Time	Result (dB(A))				
		โรงเรียนมาบยางพรวิทยาคม				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีกรรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L <sub>90</sub> )	ค่าระดับการรบกวน
		07-08/05/24	11-12/05/24	-	11-12/05/24	-
11.	00.00-00.05	59.9	59.5	52.3	57.9	-5.6
	00.05-00.10	60.2	58.5	58.3	56.2	2.1
	00.10-00.15	59.9	58.2	58.0	55.8	2.2
	00.15-00.20	59.8	59.0	55.1	55.9	-0.8
	00.20-00.25	59.8	58.8	55.9	56.0	-0.1
	00.25-00.30	59.8	58.4	57.2	56.3	0.9
	00.30-00.35	59.6	58.3	56.7	55.9	0.8
	00.35-00.40	60.2	57.7	59.6	56.2	3.4
	00.40-00.45	59.7	57.9	58.0	56.2	1.8
	00.45-00.50	59.9	58.0	58.4	56.6	1.8
	00.50-00.55	59.8	58.3	57.5	56.1	1.4
	00.55-01.00	59.9	57.1	59.7	55.7	4.0
12.	01.00-01.05	60.0	57.5	59.4	55.7	3.7
	01.05-01.10	60.3	58.5	58.6	56.5	2.1
	01.10-01.15	60.5	57.8	60.2	55.4	4.8
	01.15-01.20	60.8	56.6	61.7	55.4	6.3
	01.20-01.25	60.9	57.3	61.4	55.5	5.9
	01.25-01.30	60.9	57.9	60.9	56.0	4.9
	01.30-01.35	60.4	56.6	61.1	55.5	5.6
	01.35-01.40	60.5	56.2	61.5	55.4	6.1
	01.40-01.45	60.6	56.9	61.2	55.3	5.9
	01.45-01.50	58.9	57.9	55.0	55.6	-0.6
	01.50-01.55	59.9	56.8	60.0	55.3	4.7
	01.55-02.00	59.7	57.4	58.8	55.6	3.2
13.	02.00-02.05	59.5	58.2	56.6	55.8	0.8
	02.05-02.10	59.4	58.2	56.2	55.7	0.5
	02.10-02.15	59.2	57.3	57.7	55.5	2.2
	02.15-02.20	59.8	57.1	59.5	55.3	4.2
	02.20-02.25	59.3	57.4	57.8	55.5	2.3
	02.25-02.30	59.1	58.4	53.8	57.2	-3.4
	02.30-02.35	59.5	57.6	58.0	55.9	2.1
	02.35-02.40	59.1	57.5	57.0	55.9	1.1
	02.40-02.45	59.4	57.6	57.7	55.8	1.9
	02.45-02.50	59.4	57.8	57.3	56.4	0.9
	02.50-02.55	60.7	57.7	60.7	55.9	4.8
	02.55-03.00	61.2	57.8	61.5	56.4	5.2
14.	03.00-03.05	61.2	57.6	61.7	55.9	5.8
	03.05-03.10	61.5	57.3	62.4	56.0	6.4
	03.10-03.15	61.2	57.6	61.7	55.9	5.8
	03.15-03.20	60.7	57.3	61.0	55.7	5.4
	03.20-03.25	60.2	57.8	59.5	56.3	3.2
	03.25-03.30	60.3	57.9	59.6	56.5	3.1
	03.30-03.35	60.6	57.6	60.6	56.0	4.6
	03.35-03.40	60.9	57.9	60.9	56.6	4.3
	03.40-03.45	59.1	58.2	54.8	56.5	-1.7
	03.45-03.50	59.2	58.5	53.9	56.9	-3.0
	03.50-03.55	59.7	57.5	58.7	56.0	2.7
	03.55-04.00	60.0	57.1	59.9	55.6	4.3
Standard <sup>(1)(2)</sup>						10

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## TEST REPORT

(15/3-3)

Item	Time	Result (dB(A))				
		โรงเรียนมาบยางพรวิทยาคม				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L <sub>90</sub> )	ค่าระดับการรบกวน
		07-08/05/24	11-12/05/24	-	11-12/05/24	-
15.	04.00-04.05	59.8	57.5	58.9	55.8	3.1
	04.05-04.10	61.0	57.0	61.8	55.6	6.2
	04.10-04.15	60.6	56.3	61.6	55.4	6.2
	04.15-04.20	60.6	56.8	61.3	55.5	5.8
	04.20-04.25	60.9	57.7	61.1	55.9	5.2
	04.25-04.30	61.3	57.1	62.2	55.6	6.6
	04.30-04.35	61.7	56.5	63.1	55.5	7.6
	04.35-04.40	61.5	56.5	62.8	55.4	7.4
	04.40-04.45	61.7	58.3	62.0	57.3	4.8
	04.45-04.50	61.2	57.6	61.7	55.5	6.2
	04.50-04.55	61.5	56.4	62.9	55.4	7.5
	04.55-05.00	61.8	57.2	63.0	55.4	7.6
16.	05.00-05.05	61.4	57.5	62.1	56.1	6.0
	05.05-05.10	62.2	58.0	63.1	56.3	6.8
	05.10-05.15	62.1	57.7	63.1	56.0	7.1
	05.15-05.20	61.9	57.6	62.9	55.8	7.1
	05.20-05.25	61.2	57.5	61.8	56.2	5.6
	05.25-05.30	61.2	57.7	61.6	55.8	5.8
	05.30-05.35	61.4	57.2	62.3	55.4	6.9
	05.35-05.40	61.5	57.4	62.4	55.6	6.8
	05.40-05.45	61.5	57.9	62.0	55.7	6.3
	05.45-05.50	61.2	57.4	61.9	55.4	6.5
	05.50-05.55	61.4	56.7	62.6	55.4	7.2
	05.55-06.00	62.0	58.7	62.3	55.5	6.8
17.	06.00-07.00	62.4	57.1	60.9	55.4	5.5
18.	07.00-08.00	62.7	56.9	61.3	55.4	5.9
19.	08.00-09.00	63.4	57.0	62.3	55.3	7.0
20.	09.00-10.00	60.8	57.0	58.5	55.3	3.2
21.	10.00-11.00	57.6	57.1	48.1	55.3	-7.2
22.	11.00-12.00	56.4	57.2	56.4	55.2	1.2
23.	12.00-13.00	56.2	57.0	56.2	55.3	0.9
24.	13.00-14.00	56.4	59.3	56.4	55.2	1.2
Standard <sup>(1)(2)</sup>						10

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

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

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Pramual Moonsarn



Wannasiri S.

Wannasiri Suriyawong

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## TEST REPORT

Customer Name : Yamada Somboon Co., Ltd.

Report No. : 1584/2024/16-26

Project : โครงการโรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)

Report Date : May 23, 2024

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

Sampling Date : May 7-14, 2024

Mabyangporn, Pluakdaeng Rayong 21140

Type of Sample : เสียงรบกวน

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

Job No. : S670141/May

(16/1-3)

Item	Time	Result (dB(A))				
		โรงเรียนมาบยางพรวิทยาคม				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L <sub>90</sub> )	ค่าระดับการรบกวน
		08-09/05/24	11-12/05/24	-	11-12/05/24	-
1.	14.00-15.00	56.5	59.3	56.5	57.6	-1.0
2.	15.00-16.00	56.0	60.3	56.0	57.3	-1.3
3.	16.00-17.00	58.2	60.0	58.2	56.8	1.4
4.	17.00-18.00	57.2	60.4	57.2	57.1	0.1
5.	18.00-19.00	58.9	60.8	58.9	59.0	0.0
6.	19.00-20.00	57.7	60.3	57.7	58.7	-0.9
7.	20.00-21.00	57.8	60.0	57.8	56.7	1.2
8.	21.00-22.00	57.6	58.6	57.6	56.0	1.6
9.	22.00-22.05	57.8	57.4	50.2	55.9	-5.7
	22.05-22.10	57.7	61.0	57.7	56.5	1.2
	22.10-22.15	57.3	57.4	57.3	55.8	1.5
	22.15-22.20	57.3	57.7	57.3	56.0	1.3
	22.20-22.25	58.6	57.4	55.4	55.9	-0.5
	22.25-22.30	57.0	58.3	57.0	56.0	1.0
	22.30-22.35	57.1	57.6	57.1	56.0	1.1
	22.35-22.40	56.7	57.5	56.7	56.0	0.7
	22.40-22.45	56.8	58.0	56.8	56.1	0.7
	22.45-22.50	56.9	58.8	56.9	56.2	0.7
	22.50-22.55	57.0	58.0	57.0	56.1	0.9
	22.55-23.00	56.7	57.9	56.7	56.0	0.7
10.	23.00-23.05	57.3	58.0	50.2	56.1	-5.9
	23.05-23.10	57.2	60.7	57.2	56.3	0.9
	23.10-23.15	56.9	58.0	56.9	56.1	0.8
	23.15-23.20	56.6	57.7	56.6	56.0	0.6
	23.20-23.25	56.8	58.1	56.8	56.2	0.6
	23.25-23.30	57.0	57.4	57.0	55.9	1.1
	23.30-23.35	57.0	57.6	57.0	55.5	1.5
	23.35-23.40	57.1	56.9	46.6	55.2	-8.6
	23.40-23.45	56.4	57.9	56.4	56.0	0.4
	23.45-23.50	56.6	57.8	56.6	55.7	0.9
	23.50-23.55	57.3	57.3	57.3	55.8	1.5
	23.55-00.00	56.8	58.2	56.8	56.3	0.5
Standard <sup>(1)(2)</sup>						10





## TEST REPORT

(16/2-3)

Item	Time	Result (dB(A))				
		โรงเรียนมาบยางพรวิทยาคม				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L <sub>90</sub> )	ค่าระดับการรบกวน
		08-09/05/24	11-12/05/24	-	11-12/05/24	-
11.	00.00-00.05	57.1	59.5	57.1	57.9	-0.8
	00.05-00.10	56.6	58.5	56.6	56.2	0.4
	00.10-00.15	56.4	58.2	56.4	55.8	0.6
	00.15-00.20	56.4	59.0	56.4	55.9	0.5
	00.20-00.25	57.9	58.8	57.9	56.0	1.9
	00.25-00.30	56.6	58.4	56.6	56.3	0.3
	00.30-00.35	57.2	58.3	57.2	55.9	1.3
	00.35-00.40	57.3	57.7	57.3	56.2	1.1
	00.40-00.45	57.8	57.9	57.8	56.2	1.6
	00.45-00.50	57.0	58.0	57.0	56.6	0.4
12.	00.50-00.55	57.3	58.3	57.3	56.1	1.2
	00.55-01.00	58.4	57.1	55.5	55.7	-0.2
	01.00-01.05	55.8	57.5	55.8	55.7	0.1
	01.05-01.10	56.0	58.5	56.0	56.5	-0.5
	01.10-01.15	56.3	57.8	56.3	55.4	0.9
	01.15-01.20	55.6	56.6	55.6	55.4	0.2
	01.20-01.25	56.8	57.3	56.8	55.5	1.3
	01.25-01.30	55.6	57.9	55.6	56.0	-0.4
	01.30-01.35	56.5	56.6	56.5	55.5	1.0
	01.35-01.40	55.5	56.2	55.5	55.4	0.1
13.	01.40-01.45	55.4	56.9	55.4	55.3	0.1
	01.45-01.50	55.1	57.9	55.1	55.6	-0.5
	01.50-01.55	55.8	56.8	55.8	55.3	0.5
	01.55-02.00	55.6	57.4	55.6	55.6	0.0
	02.00-02.05	56.3	58.2	56.3	55.8	0.5
	02.05-02.10	55.3	58.2	55.3	55.7	-0.4
	02.10-02.15	55.1	57.3	55.1	55.5	-0.4
	02.15-02.20	55.4	57.1	55.4	55.3	0.1
	02.20-02.25	55.5	57.4	55.5	55.5	0.0
	02.25-02.30	55.1	58.4	55.1	57.2	-2.1
14.	02.30-02.35	55.3	57.6	55.3	55.9	-0.6
	02.35-02.40	55.2	57.5	55.2	55.9	-0.7
	02.40-02.45	55.1	57.6	55.1	55.8	-0.7
	02.45-02.50	55.2	57.8	55.2	56.4	-1.2
	02.50-02.55	55.4	57.7	55.4	55.9	-0.5
	02.55-03.00	55.6	57.8	55.6	56.4	-0.8
	03.00-03.05	55.3	57.6	55.3	55.9	-0.6
	03.05-03.10	55.3	57.3	55.3	56.0	-0.7
	03.10-03.15	55.3	57.6	55.3	55.9	-0.6
	03.15-03.20	55.8	57.3	55.8	55.7	0.1
	03.20-03.25	55.4	57.8	55.4	56.3	-0.9
	03.25-03.30	55.4	57.9	55.4	56.5	-1.1
	03.30-03.35	55.4	57.6	55.4	56.0	-0.6
	03.35-03.40	55.5	57.9	55.5	56.6	-1.1
	03.40-03.45	55.5	58.2	55.5	56.5	-1.0
	03.45-03.50	55.5	58.5	55.5	56.9	-1.4
	03.50-03.55	55.2	57.5	55.2	56.0	-0.8
	03.55-04.00	55.2	57.1	55.2	55.6	-0.4
Standard <sup>(1)(2)</sup>						10



Thai Environmental Technic Limited  
บริษัท เทคโนโลยีสิ่งแวดล้อมไทย จำกัด

ORIGINAL

ต้นฉบับ

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1/6 ซอยรามคำแหง 145 แขวงสะพานสูง เขตสะพานสูง กรุงเทพมหานคร 10240

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

## TEST REPORT

(16/3-3)

Item	Time	Result (dB(A))				
		โรงเรียนมาบยางพรวิทยาคม				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L <sub>90</sub> )	ค่าระดับการรบกวน
		08-09/05/24	11-12/05/24	-	11-12/05/24	-
15.	04.00-04.05	55.4	57.5	55.4	55.8	-0.4
	04.05-04.10	55.4	57.0	55.4	55.6	-0.2
	04.10-04.15	55.6	56.3	55.6	55.4	0.2
	04.15-04.20	55.1	56.8	55.1	55.5	-0.4
	04.20-04.25	55.2	57.7	55.2	55.9	-0.7
	04.25-04.30	55.1	57.1	55.1	55.6	-0.5
	04.30-04.35	55.4	56.5	55.4	55.5	-0.1
	04.35-04.40	55.1	56.5	55.1	55.4	-0.3
	04.40-04.45	55.1	58.3	55.1	57.3	-2.2
	04.45-04.50	55.5	57.6	55.5	55.5	0.0
	04.50-04.55	55.3	56.4	55.3	55.4	-0.1
	04.55-05.00	55.5	57.2	55.5	55.4	0.1
16.	05.00-05.05	55.3	57.5	55.3	56.1	-0.8
	05.05-05.10	56.1	58.0	56.1	56.3	-0.2
	05.10-05.15	55.9	57.7	55.9	56.0	-0.1
	05.15-05.20	55.8	57.6	55.8	55.8	0.0
	05.20-05.25	56.0	57.5	56.0	56.2	-0.2
	05.25-05.30	56.0	57.7	56.0	55.8	0.2
	05.30-05.35	55.6	57.2	55.6	55.4	0.2
	05.35-05.40	55.6	57.4	55.6	55.6	0.0
	05.40-05.45	55.7	57.9	55.7	55.7	0.0
	05.45-05.50	55.5	57.4	55.5	55.4	0.1
	05.50-05.55	56.3	56.7	56.3	55.4	0.9
	05.55-06.00	56.5	58.7	56.5	55.5	1.0
17.	06.00-07.00	60.8	57.1	58.4	55.4	3.0
18.	07.00-08.00	58.3	56.9	52.8	55.4	-2.6
19.	08.00-09.00	58.7	57.0	53.9	55.3	-1.4
20.	09.00-10.00	57.5	57.0	47.4	55.3	-7.9
21.	10.00-11.00	55.8	57.1	55.8	55.3	0.6
22.	11.00-12.00	56.2	57.2	56.2	55.2	1.0
23.	12.00-13.00	55.7	57.0	55.7	55.3	0.4
24.	13.00-14.00	59.7	59.3	49.2	55.2	-6.0
Standard <sup>(1)(2)</sup>						10

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

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

Pramual M.

Pramual Moonsarn



Wannasiri S.

Wannasiri Suriyawong

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

## TEST REPORT

Customer Name : Yamada Somboon Co., Ltd.

Report No. : 1584/2024/17-26

Project : โครงการโรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)

Report Date : May 23, 2024

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

Sampling Date : May 7-14, 2024

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

Type of Sample : เสียงรบกวน

Job No. : S670141/May

(17/1-3)

Item	Time	Result (dB(A))				
		โรงเรียนมาบยางพรวิทยาคม				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L <sub>90</sub> )	ค่าระดับการรบกวน
		09-10/05/24	11-12/05/24	-	11-12/05/24	-
1.	14.00-15.00	61.0	59.3	55.9	57.6	-1.6
2.	15.00-16.00	58.6	60.3	58.6	57.3	1.3
3.	16.00-17.00	56.9	60.0	56.9	56.8	0.1
4.	17.00-18.00	56.9	60.4	56.9	57.1	-0.2
5.	18.00-19.00	57.0	60.8	57.0	59.0	-2.0
6.	19.00-20.00	56.5	60.3	56.5	58.7	-2.1
7.	20.00-21.00	56.5	60.0	56.5	56.7	-0.1
8.	21.00-22.00	56.3	58.6	56.3	56.0	0.3
9.	22.00-22.05	56.2	57.4	56.2	55.9	0.3
	22.05-22.10	56.3	61.0	56.3	56.5	-0.2
	22.10-22.15	56.2	57.4	56.2	55.8	0.4
	22.15-22.20	56.9	57.7	56.9	56.0	0.9
	22.20-22.25	58.5	57.4	55.0	55.9	-0.9
	22.25-22.30	59.1	58.3	54.4	56.0	-1.6
	22.30-22.35	56.0	57.6	56.0	56.0	0.0
	22.35-22.40	57.0	57.5	57.0	56.0	1.0
	22.40-22.45	58.4	58.0	50.8	56.1	-5.3
	22.45-22.50	57.8	58.8	57.8	56.2	1.6
	22.50-22.55	57.5	58.0	57.5	56.1	1.4
	22.55-23.00	56.1	57.9	56.1	56.0	0.1
10.	23.00-23.05	55.4	58.0	55.4	56.1	-0.7
	23.05-23.10	56.5	60.7	56.5	56.3	0.2
	23.10-23.15	56.9	58.0	56.9	56.1	0.8
	23.15-23.20	56.4	57.7	56.4	56.0	0.4
	23.20-23.25	56.5	58.1	56.5	56.2	0.3
	23.25-23.30	57.3	57.4	57.3	55.9	1.4
	23.30-23.35	57.3	57.6	57.3	55.5	1.8
	23.35-23.40	57.2	56.9	48.4	55.2	-6.8
	23.40-23.45	57.7	57.9	57.7	56.0	1.7
	23.45-23.50	57.7	57.8	57.7	55.7	2.0
	23.50-23.55	58.6	57.3	55.7	55.8	-0.1
	23.55-00.00	57.9	58.2	57.9	56.3	1.6
Standard <sup>(1)(2)</sup>						10

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



## TEST REPORT

(17/2-3)

Item	Time	Result (dB(A))				
		โรงเรียนมาบยางพรวิทยาคม				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L <sub>90</sub> )	ค่าระดับการรบกวน
		09-10/05/24	11-12/05/24	-	11-12/05/24	-
11.	00.00-00.05	58.3	59.5	58.3	57.9	0.4
	00.05-00.10	58.6	58.5	45.2	56.2	-11.0
	00.10-00.15	56.9	58.2	56.9	55.8	1.1
	00.15-00.20	57.1	59.0	57.1	55.9	1.2
	00.20-00.25	56.9	58.8	56.9	56.0	0.9
	00.25-00.30	56.9	58.4	56.9	56.3	0.6
	00.30-00.35	57.4	58.3	57.4	55.9	1.5
	00.35-00.40	57.1	57.7	57.1	56.2	0.9
	00.40-00.45	59.0	57.9	55.5	56.2	-0.7
	00.45-00.50	56.8	58.0	56.8	56.6	0.2
12.	00.50-00.55	58.0	58.3	58.0	56.1	1.9
	00.55-01.00	59.4	57.1	58.5	55.7	2.8
	01.00-01.05	60.0	57.5	59.4	55.7	3.7
	01.05-01.10	59.1	58.5	53.2	56.5	-3.3
	01.10-01.15	58.5	57.8	53.2	55.4	-2.2
	01.15-01.20	56.8	56.6	46.3	55.4	-9.1
	01.20-01.25	57.6	57.3	48.8	55.5	-6.7
	01.25-01.30	56.7	57.9	56.7	56.0	0.7
	01.30-01.35	57.1	56.6	50.5	55.5	-5.0
	01.35-01.40	56.1	56.2	56.1	55.4	0.7
13.	01.40-01.45	57.4	56.9	50.8	55.3	-4.5
	01.45-01.50	56.5	57.9	56.5	55.6	0.9
	01.50-01.55	57.1	56.8	48.3	55.3	-7.0
	01.55-02.00	56.8	57.4	56.8	55.6	1.2
	02.00-02.05	55.7	58.2	55.7	55.8	-0.1
	02.05-02.10	56.1	58.2	56.1	55.7	0.4
	02.10-02.15	55.7	57.3	55.7	55.5	0.2
	02.15-02.20	56.4	57.1	56.4	55.3	1.1
	02.20-02.25	55.2	57.4	55.2	55.5	-0.3
	02.25-02.30	56.1	58.4	56.1	57.2	-1.1
14.	02.30-02.35	57.9	57.6	49.1	55.9	-6.8
	02.35-02.40	58.1	57.5	52.2	55.9	-3.7
	02.40-02.45	58.2	57.6	52.3	55.8	-3.5
	02.45-02.50	56.6	57.8	56.6	56.4	0.2
	02.50-02.55	58.0	57.7	49.2	55.9	-6.7
	02.55-03.00	56.4	57.8	56.4	56.4	0.0
	03.00-03.05	55.9	57.6	55.9	55.9	0.0
	03.05-03.10	56.0	57.3	56.0	56.0	0.0
	03.10-03.15	56.0	57.6	56.0	55.9	0.1
	03.15-03.20	55.1	57.3	55.1	55.7	-0.6
	03.20-03.25	55.1	57.8	55.1	56.3	-1.2
	03.25-03.30	55.6	57.9	55.6	56.5	-0.9
	03.30-03.35	55.9	57.6	55.9	56.0	-0.1
	03.35-03.40	56.1	57.9	56.1	56.6	-0.5
	03.40-03.45	55.7	58.2	55.7	56.5	-0.8
	03.45-03.50	55.9	58.5	55.9	56.9	-1.0
	03.50-03.55	55.0	57.5	55.0	56.0	-1.0
	03.55-04.00	55.7	57.1	55.7	55.6	0.1
Standard <sup>(1)(2)</sup>						10





Thai Environmental Technic Limited  
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

ORIGINAL

ต้นฉบับ

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

## TEST REPORT

(17/3-3)

Item	Time	Result (dB(A))				
		โรงเรียนมาบยางพรวิทยาคม				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L <sub>90</sub> )	ค่าระดับการรบกวน
		09-10/05/24	11-12/05/24	-	11-12/05/24	-
15.	04.00-04.05	62.3	57.5	63.6	55.8	7.8
	04.05-04.10	56.8	57.0	56.8	55.6	1.2
	04.10-04.15	57.8	56.3	55.5	55.4	0.0
	04.15-04.20	55.8	56.8	55.8	55.5	0.3
	04.20-04.25	56.9	57.7	56.9	55.9	1.0
	04.25-04.30	56.4	57.1	56.4	55.6	0.8
	04.30-04.35	58.2	56.5	56.3	55.5	0.8
	04.35-04.40	57.7	56.5	54.5	55.4	-0.9
	04.40-04.45	58.6	58.3	49.8	57.3	-7.5
	04.45-04.50	57.7	57.6	44.3	55.5	-11.2
	04.50-04.55	56.6	56.4	46.1	55.4	-9.3
	04.55-05.00	57.6	57.2	50.0	55.4	-5.4
16.	05.00-05.05	57.3	57.5	57.3	56.1	1.2
	05.05-05.10	56.7	58.0	56.7	56.3	0.4
	05.10-05.15	59.5	57.7	57.8	56.0	1.8
	05.15-05.20	60.3	57.6	60.0	55.8	4.2
	05.20-05.25	57.1	57.5	57.1	56.2	0.9
	05.25-05.30	56.9	57.7	56.9	55.8	1.1
	05.30-05.35	57.0	57.2	57.0	55.4	1.6
	05.35-05.40	60.2	57.4	60.0	55.6	4.4
	05.40-05.45	56.3	57.9	56.3	55.7	0.6
	05.45-05.50	56.6	57.4	56.6	55.4	1.2
	05.50-05.55	56.9	56.7	46.4	55.4	-9.0
	05.55-06.00	56.0	58.7	56.0	55.5	0.5
17.	06.00-07.00	58.0	57.1	50.9	55.4	-4.4
18.	07.00-08.00	56.6	56.9	56.6	55.4	1.2
19.	08.00-09.00	57.5	57.0	48.0	55.3	-7.3
20.	09.00-10.00	57.3	57.0	45.3	55.3	-10.0
21.	10.00-11.00	57.2	57.1	42.7	55.3	-12.6
22.	11.00-12.00	60.0	57.2	56.8	55.2	1.6
23.	12.00-13.00	59.3	57.0	55.3	55.3	0.0
24.	13.00-14.00	59.2	59.3	59.2	55.2	4.0
Standard <sup>(1)(2)</sup>						10

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

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

Pramual M.

Pramual Moonsarn



Wannasiri S.

Wannasiri Suriyawong

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## TEST REPORT

Customer Name : Yamada Somboon Co., Ltd.

Report No. : 1584/2024/18-26

Project : โครงการโรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)

Report Date : May 23, 2024

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

Sampling Date : May 7-14, 2024

Mabyangporn, Pluakdaeng Rayong 21140

Type of Sample : เสียงรบกวน

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

Job No. : S670141/May

(18/1-3)

Item	Time	Result (dB(A))				
		โรงเรียนมาบยางพรวิทยา				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L <sub>90</sub> )	ค่าระดับการรบกวน
		10-11/05/24	11-12/05/24	-	11-12/05/24	-
1.	14.00-15.00	60.7	59.3	55.2	57.6	-2.4
2.	15.00-16.00	60.5	60.3	46.7	57.3	-10.6
3.	16.00-17.00	60.6	60.0	52.2	56.8	-4.6
4.	17.00-18.00	59.6	60.4	59.6	57.1	2.5
5.	18.00-19.00	60.8	60.8	60.8	59.0	1.8
6.	19.00-20.00	60.1	60.3	60.1	58.7	1.4
7.	20.00-21.00	58.8	60.0	58.8	56.7	2.1
8.	21.00-22.00	59.5	58.6	52.3	56.0	-3.7
9.	22.00-22.05	58.2	57.4	53.5	55.9	-2.4
	22.05-22.10	57.7	61.0	57.7	56.5	1.2
	22.10-22.15	60.2	57.4	60.0	55.8	4.2
	22.15-22.20	60.4	57.7	60.1	56.0	4.1
	22.20-22.25	58.0	57.4	52.1	55.9	-3.8
	22.25-22.30	57.7	58.3	57.7	56.0	1.7
	22.30-22.35	58.4	57.6	53.7	56.0	-2.3
	22.35-22.40	62.0	57.5	63.1	56.0	7.1
	22.40-22.45	59.8	58.0	58.1	56.1	2.0
	22.45-22.50	59.1	58.8	50.3	56.2	-5.9
	22.50-22.55	58.3	58.0	49.5	56.1	-6.6
	22.55-23.00	59.5	57.9	57.4	56.0	1.4
10.	23.00-23.05	60.2	58.0	59.2	56.1	3.1
	23.05-23.10	57.3	60.7	57.3	56.3	1.0
	23.10-23.15	56.9	58.0	56.9	56.1	0.8
	23.15-23.20	57.5	57.7	57.5	56.0	1.5
	23.20-23.25	58.0	58.1	58.0	56.2	1.8
	23.25-23.30	58.7	57.4	55.8	55.9	-0.1
	23.30-23.35	57.0	57.6	57.0	55.5	1.5
	23.35-23.40	57.2	56.9	48.4	55.2	-6.8
	23.40-23.45	57.7	57.9	57.7	56.0	1.7
	23.45-23.50	57.7	57.8	57.7	55.7	2.0
	23.50-23.55	58.0	57.3	52.7	55.8	-3.1
	23.55-00.00	57.5	58.2	57.5	56.3	1.2
Standard <sup>(1)(2)</sup>						10





## TEST REPORT

(18/2-3)

Item	Time	Result (dB(A))				
		โรงเรียนมาบยางพรวิทยาคม				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L <sub>90</sub> )	ค่าระดับการรบกวน
		10-11/05/24	11-12/05/24	-	11-12/05/24	-
11.	00.00-00.05	58.0	59.5	58.0	57.9	0.1
	00.05-00.10	61.4	58.5	61.3	56.2	5.1
	00.10-00.15	60.8	58.2	60.3	55.8	4.5
	00.15-00.20	58.1	59.0	58.1	55.9	2.2
	00.20-00.25	58.1	58.8	58.1	56.0	2.1
	00.25-00.30	59.3	58.4	55.0	56.3	-1.3
	00.30-00.35	61.7	58.3	62.0	55.9	6.2
	00.35-00.40	58.7	57.7	54.8	56.2	-1.4
	00.40-00.45	57.9	57.9	57.9	56.2	1.7
	00.45-00.50	58.1	58.0	44.7	56.6	-11.9
12.	00.50-00.55	61.7	58.3	62.0	56.1	6.0
	00.55-01.00	60.1	57.1	60.1	55.7	4.4
	01.00-01.05	58.3	57.5	53.6	55.7	-2.1
	01.05-01.10	58.8	58.5	50.0	56.5	-6.5
	01.10-01.15	60.5	57.8	60.2	55.4	4.8
	01.15-01.20	62.0	56.6	63.5	55.4	8.1
	01.20-01.25	60.3	57.3	60.3	55.5	4.8
	01.25-01.30	60.4	57.9	59.8	56.0	3.8
	01.30-01.35	60.0	56.6	60.3	55.5	4.8
	01.35-01.40	61.7	56.2	63.3	55.4	7.9
13.	01.40-01.45	60.7	56.9	61.4	55.3	6.1
	01.45-01.50	59.6	57.9	57.7	55.6	2.1
	01.50-01.55	58.7	56.8	57.2	55.3	1.9
	01.55-02.00	60.3	57.4	60.2	55.6	4.6
	02.00-02.05	62.0	58.2	62.7	55.8	6.9
	02.05-02.10	59.3	58.2	55.8	55.7	0.1
	02.10-02.15	59.1	57.3	57.4	55.5	1.9
	02.15-02.20	58.6	57.1	56.3	55.3	1.0
	02.20-02.25	59.3	57.4	57.8	55.5	2.3
	02.25-02.30	60.2	58.4	58.5	57.2	1.3
14.	02.30-02.35	57.5	57.6	57.5	55.9	1.6
	02.35-02.40	57.9	57.5	50.3	55.9	-5.6
	02.40-02.45	59.1	57.6	56.8	55.8	1.0
	02.45-02.50	60.2	57.8	59.5	56.4	3.1
	02.50-02.55	58.5	57.7	53.8	55.9	-2.1
	02.55-03.00	57.9	57.8	44.5	56.4	-11.9
	03.00-03.05	59.8	57.6	58.8	55.9	2.9
	03.05-03.10	61.0	57.3	61.6	56.0	5.6
	03.10-03.15	60.5	57.6	60.4	55.9	4.5
	03.15-03.20	59.8	57.3	59.2	55.7	3.5
	03.20-03.25	57.7	57.8	57.7	56.3	1.4
	03.25-03.30	59.2	57.9	56.3	56.5	-0.2
	03.30-03.35	61.4	57.6	62.1	56.0	6.1
	03.35-03.40	57.8	57.9	57.8	56.6	1.2
	03.40-03.45	58.7	58.2	52.1	56.5	-4.4
	03.45-03.50	57.5	58.5	57.5	56.9	0.6
	03.50-03.55	61.6	57.5	62.5	56.0	6.5
	03.55-04.00	60.0	57.1	59.9	55.6	4.3
Standard <sup>(1)(2)</sup>						10



## TEST REPORT

(18/3-3)

Item	Time	Result (dB(A))				
		โรงเรียนมาบยางพรวิทยาคม				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L <sub>90</sub> )	ค่าระดับการรบกวน
		10-11/05/24	11-12/05/24	-	11-12/05/24	-
15.	04.00-04.05	57.8	57.5	49.0	55.8	-6.8
	04.05-04.10	58.0	57.0	54.1	55.6	-1.5
	04.10-04.15	58.5	56.3	57.5	55.4	2.1
	04.15-04.20	61.0	56.8	61.9	55.5	6.4
	04.20-04.25	58.3	57.7	52.4	55.9	-3.5
	04.25-04.30	58.1	57.1	54.2	55.6	-1.4
	04.30-04.35	58.0	56.5	55.7	55.5	0.2
	04.35-04.40	59.5	56.5	59.5	55.4	4.1
	04.40-04.45	58.7	58.3	51.1	57.3	-6.2
	04.45-04.50	57.7	57.6	44.3	55.5	-11.2
	04.50-04.55	57.9	56.4	55.6	55.4	0.2
	04.55-05.00	61.2	57.2	62.0	55.4	6.6
16.	05.00-05.05	61.6	57.5	62.5	56.1	6.4
	05.05-05.10	60.3	58.0	59.4	56.3	3.1
	05.10-05.15	60.6	57.7	60.5	56.0	4.5
	05.15-05.20	61.0	57.6	61.3	55.8	5.6
	05.20-05.25	62.7	57.5	64.1	56.2	7.9
	05.25-05.30	59.9	57.7	58.9	55.8	3.1
	05.30-05.35	58.8	57.2	56.7	55.4	1.3
	05.35-05.40	57.7	57.4	48.9	55.6	-6.7
	05.40-05.45	60.2	57.9	59.3	55.7	3.6
	05.45-05.50	60.5	57.4	60.6	55.4	5.2
	05.50-05.55	58.3	56.7	56.2	55.4	0.8
	05.55-06.00	57.8	58.7	57.8	55.5	2.3
17.	06.00-07.00	60.7	57.1	58.2	55.4	2.8
18.	07.00-08.00	59.8	56.9	56.7	55.4	1.3
19.	08.00-09.00	59.5	57.0	55.9	55.3	0.6
20.	09.00-10.00	60.4	57.0	57.8	55.3	2.5
21.	10.00-11.00	60.1	57.1	57.2	55.3	1.8
22.	11.00-12.00	59.3	57.2	55.3	55.2	0.1
23.	12.00-13.00	61.4	57.0	59.5	55.3	4.2
24.	13.00-14.00	61.9	59.3	58.3	55.2	3.1
Standard <sup>(1)(2)</sup>						10

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

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

Pramual M.

Pramual Moonsarn



Wannasiri S.

Wannasiri Suriyawong

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## TEST REPORT

Customer Name : Yamada Somboon Co., Ltd.

Report No. : 1584/2024/19-26

Project : โครงการโรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)

Report Date : May 23, 2024

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

Sampling Date : May 7-14, 2024

Mabyangporn, Pluakdaeng Rayong 21140

Type of Sample : เสียงรบกวน

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

Job No. : S670141/May

(19/1-3)

Item	Time	Result (dB(A))				
		โรงเรียนมาบยางพรวิทยาคม				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L <sub>90</sub> )	ค่าระดับการรบกวน
		12-13/05/24	11-12/05/24	-	11-12/05/24	-
1.	14.00-15.00	54.9	59.3	54.9	57.6	-2.6
2.	15.00-16.00	56.1	60.3	56.1	57.3	-1.2
3.	16.00-17.00	56.1	60.0	56.1	56.8	-0.7
4.	17.00-18.00	56.8	60.4	56.8	57.1	-0.3
5.	18.00-19.00	56.0	60.8	56.0	59.0	-3.0
6.	19.00-20.00	57.3	60.3	57.3	58.7	-1.3
7.	20.00-21.00	56.6	60.0	56.6	56.7	-0.1
8.	21.00-22.00	56.6	58.6	56.6	56.0	0.6
9.	22.00-22.05	56.8	57.4	56.8	55.9	0.9
	22.05-22.10	56.8	61.0	56.8	56.5	0.3
	22.10-22.15	56.4	57.4	56.4	55.8	0.6
	22.15-22.20	59.5	57.7	57.8	56.0	1.8
	22.20-22.25	58.1	57.4	52.8	55.9	-3.1
	22.25-22.30	56.3	58.3	56.3	56.0	0.3
	22.30-22.35	55.6	57.6	55.6	56.0	-0.4
	22.35-22.40	56.9	57.5	56.9	56.0	0.9
	22.40-22.45	56.2	58.0	56.2	56.1	0.1
	22.45-22.50	56.4	58.8	56.4	56.2	0.2
	22.50-22.55	55.6	58.0	55.6	56.1	-0.5
	22.55-23.00	56.5	57.9	56.5	56.0	0.5
10.	23.00-23.05	56.0	58.0	56.0	56.1	-0.1
	23.05-23.10	57.2	60.7	57.2	56.3	0.9
	23.10-23.15	56.4	58.0	56.4	56.1	0.3
	23.15-23.20	56.4	57.7	56.4	56.0	0.4
	23.20-23.25	56.1	58.1	56.1	56.2	-0.1
	23.25-23.30	54.8	57.4	54.8	55.9	-1.1
	23.30-23.35	54.8	57.6	54.8	55.5	-0.7
	23.35-23.40	55.7	56.9	55.7	55.2	0.5
	23.40-23.45	56.7	57.9	56.7	56.0	0.7
	23.45-23.50	55.4	57.8	55.4	55.7	-0.3
	23.50-23.55	55.7	57.3	55.7	55.8	-0.1
	23.55-00.00	55.9	58.2	55.9	56.3	-0.4
Standard <sup>(1)(2)</sup>						10



## TEST REPORT

(19/2-3)

Item	Time	Result (dB(A))				
		โรงเรียนมาบยางพรวิทยาคม				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L <sub>90</sub> )	ค่าระดับการรบกวน
		12-13/05/24	11-12/05/24	-	11-12/05/24	-
11.	00.00-00.05	59.2	59.5	59.2	57.9	1.3
	00.05-00.10	55.8	58.5	55.8	56.2	-0.4
	00.10-00.15	55.2	58.2	55.2	55.8	-0.6
	00.15-00.20	54.9	59.0	54.9	55.9	-1.0
	00.20-00.25	55.9	58.8	55.9	56.0	-0.1
	00.25-00.30	56.1	58.4	56.1	56.3	-0.2
	00.30-00.35	56.2	58.3	56.2	55.9	0.3
	00.35-00.40	56.7	57.7	56.7	56.2	0.5
	00.40-00.45	56.9	57.9	56.9	56.2	0.7
	00.45-00.50	58.2	58.0	47.7	56.6	-8.9
	00.50-00.55	61.3	58.3	61.3	56.1	5.2
	00.55-01.00	56.1	57.1	56.1	55.7	0.4
12.	01.00-01.05	55.4	57.5	55.4	55.7	-0.3
	01.05-01.10	55.3	58.5	55.3	56.5	-1.2
	01.10-01.15	55.8	57.8	55.8	55.4	0.4
	01.15-01.20	56.5	56.6	56.5	55.4	1.1
	01.20-01.25	55.6	57.3	55.6	55.5	0.1
	01.25-01.30	55.8	57.9	55.8	56.0	-0.2
	01.30-01.35	55.8	56.6	55.8	55.5	0.3
	01.35-01.40	55.5	56.2	55.5	55.4	0.1
	01.40-01.45	55.4	56.9	55.4	55.3	0.1
	01.45-01.50	56.3	57.9	56.3	55.6	0.7
	01.50-01.55	55.2	56.8	55.2	55.3	-0.1
	01.55-02.00	55.3	57.4	55.3	55.6	-0.3
13.	02.00-02.05	55.3	58.2	55.3	55.8	-0.5
	02.05-02.10	55.7	58.2	55.7	55.7	0.0
	02.10-02.15	57.6	57.3	48.8	55.5	-6.7
	02.15-02.20	56.1	57.1	56.1	55.3	0.8
	02.20-02.25	55.1	57.4	55.1	55.5	-0.4
	02.25-02.30	56.9	58.4	56.9	57.2	-0.3
	02.30-02.35	57.5	57.6	57.5	55.9	1.6
	02.35-02.40	55.5	57.5	55.5	55.9	-0.4
	02.40-02.45	56.7	57.6	56.7	55.8	0.9
	02.45-02.50	55.2	57.8	55.2	56.4	-1.2
	02.50-02.55	55.9	57.7	55.9	55.9	0.0
	02.55-03.00	58.3	57.8	51.7	56.4	-4.7
14.	03.00-03.05	56.6	57.6	56.6	55.9	0.7
	03.05-03.10	56.0	57.3	56.0	56.0	0.0
	03.10-03.15	56.6	57.6	56.6	55.9	0.7
	03.15-03.20	56.0	57.3	56.0	55.7	0.3
	03.20-03.25	59.2	57.8	56.6	56.3	0.3
	03.25-03.30	59.2	57.9	56.3	56.5	-0.2
	03.30-03.35	55.7	57.6	55.7	56.0	-0.3
	03.35-03.40	57.9	57.9	57.9	56.6	1.3
	03.40-03.45	56.0	58.2	56.0	56.5	-0.5
	03.45-03.50	56.8	58.5	56.8	56.9	-0.1
	03.50-03.55	56.8	57.5	56.8	56.0	0.8
	03.55-04.00	56.3	57.1	56.3	55.6	0.7
Standard <sup>(1)(2)</sup>						10





Thai Environmental Technic Limited

บริษัท เทคนิควิเสณสิ่งแวดล้อมไทย จำกัด

ORIGINAL

ต้นฉบับ

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

## TEST REPORT

(19/3-3)

Item	Time	Result (dB(A))				
		โรงเรียนมาบยางพรวิทยาคม				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L <sub>90</sub> )	ค่าระดับการรบกวน
		12-13/05/24	11-12/05/24	-	11-12/05/24	-
15.	04.00-04.05	55.1	57.5	55.1	55.8	-0.7
	04.05-04.10	55.2	57.0	55.2	55.6	-0.4
	04.10-04.15	54.9	56.3	54.9	55.4	-0.5
	04.15-04.20	55.3	56.8	55.3	55.5	-0.2
	04.20-04.25	54.8	57.7	54.8	55.9	-1.1
	04.25-04.30	54.9	57.1	54.9	55.6	-0.7
	04.30-04.35	54.9	56.5	54.9	55.5	-0.6
	04.35-04.40	55.7	56.5	55.7	55.4	0.3
	04.40-04.45	58.9	58.3	53.0	57.3	-4.3
	04.45-04.50	55.6	57.6	55.6	55.5	0.1
	04.50-04.55	59.8	56.4	60.1	55.4	4.8
	04.55-05.00	56.3	57.2	56.3	55.4	0.9
16.	05.00-05.05	56.8	57.5	56.8	56.1	0.7
	05.05-05.10	57.3	58.0	57.3	56.3	1.0
	05.10-05.15	57.0	57.7	57.0	56.0	1.0
	05.15-05.20	58.4	57.6	53.7	55.8	-2.1
	05.20-05.25	59.3	57.5	57.6	56.2	1.4
	05.25-05.30	56.8	57.7	56.8	55.8	1.0
	05.30-05.35	56.3	57.2	56.3	55.4	0.9
	05.35-05.40	55.8	57.4	55.8	55.6	0.2
	05.40-05.45	56.1	57.9	56.1	55.7	0.4
	05.45-05.50	56.6	57.4	56.6	55.4	1.2
	05.50-05.55	56.4	56.7	56.4	55.4	1.0
	05.55-06.00	55.5	58.7	55.5	55.5	0.0
17.	06.00-07.00	60.2	57.1	57.3	55.4	1.9
18.	07.00-08.00	56.4	56.9	56.4	55.4	1.0
19.	08.00-09.00	60.9	57.0	58.6	55.3	3.3
20.	09.00-10.00	56.4	57.0	56.4	55.3	1.1
21.	10.00-11.00	55.5	57.1	55.5	55.3	0.2
22.	11.00-12.00	56.8	57.2	56.8	55.2	1.6
23.	12.00-13.00	55.8	57.0	55.8	55.3	0.5
24.	13.00-14.00	57.1	59.3	57.1	55.2	1.9
Standard <sup>(1)(2)</sup>						10

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

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

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Pramual Moonsarn



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Wannasiri Suriyawong

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## TEST REPORT

Customer Name : Yamada Somboon Co., Ltd.

Report No. : 1584/2024/20-26

Project : โครงการโรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)

Report Date : May 23, 2024

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

Sampling Date : May 7-14, 2024

Mabyangporn, Pluakdaeng Rayong 21140

Type of Sample : เสียงรบกวน

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

Job No. : S670141/May

(20/1-3)

Item	Time	Result (dB(A))				
		โรงเรียนมาบยางพรวิทยา				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L <sub>90</sub> )	ค่าระดับการรบกวน
		13-14/05/24	11-12/05/24	-	11-12/05/24	-
1.	14.00-15.00	56.3	59.3	56.3	57.6	-1.2
2.	15.00-16.00	56.6	60.3	56.6	57.3	-0.6
3.	16.00-17.00	58.4	60.0	58.4	56.8	1.6
4.	17.00-18.00	55.9	60.4	55.9	57.1	-1.2
5.	18.00-19.00	57.6	60.8	57.6	59.0	-1.4
6.	19.00-20.00	57.3	60.3	57.3	58.7	-1.4
7.	20.00-21.00	55.9	60.0	55.9	56.7	-0.8
8.	21.00-22.00	56.2	58.6	56.2	56.0	0.2
9.	22.00-22.05	56.4	57.4	56.4	55.9	0.5
	22.05-22.10	55.6	61.0	55.6	56.5	-0.9
	22.10-22.15	56.1	57.4	56.1	55.8	0.3
	22.15-22.20	55.4	57.7	55.4	56.0	-0.6
	22.20-22.25	55.8	57.4	55.8	55.9	-0.1
	22.25-22.30	56.3	58.3	56.3	56.0	0.3
	22.30-22.35	57.1	57.6	57.1	56.0	1.1
	22.35-22.40	56.2	57.5	56.2	56.0	0.2
	22.40-22.45	55.5	58.0	55.5	56.1	-0.6
	22.45-22.50	58.2	58.8	58.2	56.2	2.0
	22.50-22.55	56.1	58.0	56.1	56.1	0.0
	22.55-23.00	55.2	57.9	55.2	56.0	-0.8
10.	23.00-23.05	55.3	58.0	55.3	56.1	-0.8
	23.05-23.10	55.6	60.7	55.6	56.3	-0.7
	23.10-23.15	55.5	58.0	55.5	56.1	-0.6
	23.15-23.20	55.3	57.7	55.3	56.0	-0.7
	23.20-23.25	55.1	58.1	55.1	56.2	-1.1
	23.25-23.30	55.6	57.4	55.6	55.9	-0.3
	23.30-23.35	55.9	57.6	55.9	55.5	0.4
	23.35-23.40	55.6	56.9	55.6	55.2	0.4
	23.40-23.45	55.6	57.9	55.6	56.0	-0.4
	23.45-23.50	55.3	57.8	55.3	55.7	-0.4
	23.50-23.55	55.7	57.3	55.7	55.8	-0.1
	23.55-00.00	55.6	58.2	55.6	56.3	-0.7
Standard <sup>(1)(2)</sup>						10

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## TEST REPORT

(20/2-3)

Item	Time	Result (dB(A))				
		โรงเรียนมาบยางพรวิทยาคม				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L <sub>90</sub> )	ค่าระดับการรบกวน
		13-14/05/24	11-12/05/24	-	11-12/05/24	-
11.	00.00-00.05	55.7	59.5	55.7	57.9	-2.2
	00.05-00.10	55.8	58.5	55.8	56.2	-0.4
	00.10-00.15	55.5	58.2	55.5	55.8	-0.3
	00.15-00.20	56.1	59.0	56.1	55.9	0.2
	00.20-00.25	56.0	58.8	56.0	56.0	0.0
	00.25-00.30	55.8	58.4	53.2	56.3	-3.1
	00.30-00.35	56.1	58.3	51.2	55.9	-4.7
	00.35-00.40	55.6	57.7	55.6	56.2	-0.6
	00.40-00.45	55.5	57.9	55.5	56.2	-0.7
	00.45-00.50	55.1	58.0	55.1	56.6	-1.5
12.	00.50-00.55	55.1	58.3	55.1	56.1	-1.0
	00.55-01.00	55.6	57.1	55.6	55.7	-0.1
	01.00-01.05	55.5	57.5	55.5	55.7	-0.2
	01.05-01.10	55.7	58.5	55.7	56.5	-0.8
	01.10-01.15	55.6	57.8	55.6	55.4	0.2
	01.15-01.20	55.5	56.6	55.5	55.4	0.1
	01.20-01.25	55.6	57.3	55.6	55.5	0.1
	01.25-01.30	55.7	57.9	55.7	56.0	-0.3
	01.30-01.35	55.5	56.6	55.5	55.5	0.0
	01.35-01.40	55.2	56.2	55.2	55.4	-0.2
13.	01.40-01.45	55.3	56.9	55.3	55.3	0.0
	01.45-01.50	55.8	57.9	55.8	55.6	0.2
	01.50-01.55	55.2	56.8	55.2	55.3	-0.1
	01.55-02.00	55.1	57.4	55.1	55.6	-0.5
	02.00-02.05	55.3	58.2	55.3	55.8	-0.5
	02.05-02.10	55.5	58.2	55.5	55.7	-0.2
	02.10-02.15	55.3	57.3	55.3	55.5	-0.2
	02.15-02.20	55.1	57.1	55.1	55.3	-0.2
	02.20-02.25	55.0	57.4	55.0	55.5	-0.5
	02.25-02.30	55.3	58.4	55.3	57.2	-1.9
14.	02.30-02.35	55.4	57.6	55.4	55.9	-0.5
	02.35-02.40	55.6	57.5	55.6	55.9	-0.3
	02.40-02.45	55.4	57.6	55.4	55.8	-0.4
	02.45-02.50	55.3	57.8	55.3	56.4	-1.1
	02.50-02.55	55.5	57.7	55.5	55.9	-0.4
	02.55-03.00	55.3	57.8	55.3	56.4	-1.1
	03.00-03.05	55.3	57.6	55.3	55.9	-0.6
	03.05-03.10	55.6	57.3	55.6	56.0	-0.4
	03.10-03.15	55.9	57.6	55.9	55.9	0.0
	03.15-03.20	55.4	57.3	55.4	55.7	-0.3
	03.20-03.25	55.9	57.8	55.9	56.3	-0.4
	03.25-03.30	55.4	57.9	55.4	56.5	-1.1
	03.30-03.35	55.3	57.6	55.3	56.0	-0.7
	03.35-03.40	55.4	57.9	55.4	56.6	-1.2
	03.40-03.45	55.4	58.2	55.4	56.5	-1.1
	03.45-03.50	55.4	58.5	55.4	56.9	-1.5
	03.50-03.55	55.3	57.5	55.3	56.0	-0.7
	03.55-04.00	56.1	57.1	56.1	55.6	0.5
Standard <sup>(1)(2)</sup>						10

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## TEST REPORT

(20/3-3)

Item	Time	Result (dB(A))				
		โรงเรียนมาบยางพรวิทยาคม				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L <sub>90</sub> )	ค่าระดับการรบกวน
		13-14/05/24	11-12/05/24	-	11-12/05/24	-
15.	04.00-04.05	56.0	57.5	56.0	55.8	0.2
	04.05-04.10	55.6	57.0	55.6	55.6	0.0
	04.10-04.15	55.5	56.3	55.5	55.4	0.1
	04.15-04.20	55.3	56.8	55.3	55.5	-0.2
	04.20-04.25	55.9	57.7	55.9	55.9	0.0
	04.25-04.30	56.0	57.1	56.0	55.6	0.4
	04.30-04.35	55.4	56.5	55.4	55.5	-0.1
	04.35-04.40	55.4	56.5	55.4	55.4	0.0
	04.40-04.45	59.5	58.3	56.3	57.3	-1.0
	04.45-04.50	60.6	57.6	60.6	55.5	5.1
	04.50-04.55	60.2	56.4	60.9	55.4	5.5
	04.55-05.00	60.0	57.2	59.8	55.4	4.4
16.	05.00-05.05	59.8	57.5	58.9	56.1	2.8
	05.05-05.10	58.5	58.0	51.9	56.3	-4.4
	05.10-05.15	56.0	57.7	56.0	56.0	0.0
	05.15-05.20	55.0	57.6	55.0	55.8	-0.8
	05.20-05.25	55.3	57.5	55.3	56.2	-0.9
	05.25-05.30	55.9	57.7	55.9	55.8	0.1
	05.30-05.35	55.3	57.2	55.3	55.4	-0.1
	05.35-05.40	55.2	57.4	55.2	55.6	-0.4
	05.40-05.45	56.6	57.9	56.6	55.7	0.9
	05.45-05.50	56.4	57.4	56.4	55.4	1.0
	05.50-05.55	55.9	56.7	55.9	55.4	0.5
	05.55-06.00	55.3	58.7	55.3	55.5	-0.2
17.	06.00-07.00	55.4	57.1	55.4	55.4	0.0
18.	07.00-08.00	55.7	56.9	55.7	55.4	0.3
19.	08.00-09.00	55.2	57.0	55.2	55.3	-0.1
20.	09.00-10.00	55.9	57.0	55.9	55.3	0.6
21.	10.00-11.00	55.7	57.1	55.7	55.3	0.4
22.	11.00-12.00	59.3	57.2	55.2	55.2	0.0
23.	12.00-13.00	58.0	57.0	51.0	55.3	-4.3
24.	13.00-14.00	57.8	59.3	57.8	55.2	2.6
Standard <sup>(1)(2)</sup>						10

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

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

*Pramual M*  
Pramual Moonsam



*Wannasiri S.*  
Wannasiri Suriyawong

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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. : 1584/2024/21-26

Project : โครงการโรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)

Report Date : May 23, 2024

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

Sampling Date : May 7-14, 2024

Mabyangporn, Pluakdaeng Rayong 21140

Type of Sample : เสียงรบกวน

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

Job No. : S670141/May

(21/1-3)

Item	Time	Result (dB(A))				
		รพ. สต. บ้านมาบยางพร				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L <sub>90</sub> )	ค่าระดับการรบกวน
		07-08/05/24	11-12/05/24	-	11-12/05/24	-
1.	14.00-15.00	60.9	69.3	60.9	67.2	-6.2
2.	15.00-16.00	55.9	66.9	55.9	53.6	2.3
3.	16.00-17.00	57.7	58.8	57.7	49.4	8.3
4.	17.00-18.00	58.9	58.1	51.2	52.2	-1.0
5.	18.00-19.00	56.8	61.9	56.8	57.0	-0.2
6.	19.00-20.00	57.4	62.7	57.4	57.5	-0.1
7.	20.00-21.00	55.0	61.8	55.0	57.6	-2.6
8.	21.00-22.00	57.1	66.1	57.1	63.2	-6.1
9.	22.00-22.05	56.3	68.8	56.3	63.9	-7.6
	22.05-22.10	55.9	63.7	55.9	62.6	-6.7
	22.10-22.15	56.1	64.2	56.1	62.5	-6.4
	22.15-22.20	59.3	63.1	59.3	61.5	-2.2
	22.20-22.25	54.5	64.6	54.5	62.5	-8.0
	22.25-22.30	55.8	64.4	55.8	62.9	-7.1
	22.30-22.35	53.9	64.4	53.9	63.0	-9.1
	22.35-22.40	54.5	66.5	54.5	63.2	-8.7
	22.40-22.45	53.9	64.1	53.9	63.0	-9.1
	22.45-22.50	53.1	63.7	53.1	63.0	-9.9
	22.50-22.55	52.7	64.4	52.7	62.8	-10.1
	22.55-23.00	53.4	64.5	53.4	62.8	-9.4
10.	23.00-23.05	53.3	63.8	53.3	62.4	-9.1
	23.05-23.10	53.2	62.9	53.2	62.2	-9.0
	23.10-23.15	53.3	65.9	53.3	62.5	-9.2
	23.15-23.20	55.2	66.1	55.2	63.8	-8.6
	23.20-23.25	54.2	66.0	54.2	63.0	-8.8
	23.25-23.30	53.8	66.3	53.8	62.5	-8.7
	23.30-23.35	52.6	62.7	52.6	61.9	-9.3
	23.35-23.40	53.7	63.2	53.7	62.0	-8.3
	23.40-23.45	53.8	63.6	53.8	62.1	-8.3
	23.45-23.50	60.4	63.7	60.4	62.5	-2.1
	23.50-23.55	54.6	63.5	54.6	62.0	-7.4
	23.55-00.00	57.8	63.2	57.8	62.0	-4.2
Standard <sup>(1)(2)</sup>						10

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## TEST REPORT

(21/2-3)

Item	Time	Result (dB(A))				
		รพ. สต. บ้านมาบยางพร				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L <sub>90</sub> )	ค่าระดับการรบกวน
		07-08/05/24	11-12/05/24	-	11-12/05/24	-
11.	00.00-00.05	55.8	63.1	55.8	62.1	-6.3
	00.05-00.10	59.8	63.9	59.8	62.3	-2.5
	00.10-00.15	60.6	63.6	60.6	62.0	-1.4
	00.15-00.20	54.0	63.2	54.0	62.3	-8.3
	00.20-00.25	53.8	64.5	53.8	62.9	-9.1
	00.25-00.30	60.2	63.9	60.2	62.8	-2.6
	00.30-00.35	57.5	65.4	57.5	62.8	-5.3
	00.35-00.40	57.2	64.8	57.2	63.4	-6.2
	00.40-00.45	59.8	64.4	59.8	62.6	-2.8
	00.45-00.50	58.1	64.2	58.1	62.2	-4.1
12.	00.50-00.55	57.6	64.2	57.6	62.3	-4.7
	00.55-01.00	58.0	63.2	58.0	62.4	-4.4
	01.00-01.05	58.6	64.4	58.6	62.1	-3.5
	01.05-01.10	53.0	69.7	53.0	63.1	-10.1
	01.10-01.15	57.1	64.6	57.1	61.0	-3.9
	01.15-01.20	58.7	64.4	58.7	61.7	-3.0
	01.20-01.25	63.6	62.9	58.3	61.9	-3.6
	01.25-01.30	58.6	62.9	58.6	61.5	-2.9
	01.30-01.35	58.5	66.0	58.5	62.0	-3.5
	01.35-01.40	56.0	63.7	56.0	61.8	-5.8
13.	01.40-01.45	55.6	67.7	55.6	62.8	-7.2
	01.45-01.50	57.0	62.4	57.0	61.2	-4.2
	01.50-01.55	55.7	62.4	55.7	60.8	-5.1
	01.55-02.00	55.1	61.9	55.1	60.7	-5.6
	02.00-02.05	58.4	63.4	58.4	61.0	-2.6
	02.05-02.10	59.7	63.9	59.7	59.7	0.0
	02.10-02.15	56.0	61.9	56.0	61.0	-5.0
	02.15-02.20	54.6	62.8	54.6	61.3	-6.7
	02.20-02.25	56.1	69.1	56.1	62.8	-6.7
	02.25-02.30	56.7	65.6	56.7	63.2	-6.5
14.	02.30-02.35	55.7	64.3	55.7	62.3	-6.6
	02.35-02.40	59.3	63.5	59.3	61.2	-1.9
	02.40-02.45	57.0	61.7	57.0	60.6	-3.6
	02.45-02.50	56.8	62.0	56.8	60.9	-4.1
	02.50-02.55	57.7	62.1	57.7	60.8	-3.1
	02.55-03.00	56.2	64.6	56.2	61.4	-5.2
	03.00-03.05	58.2	62.6	58.2	60.9	-2.7
	03.05-03.10	55.7	63.9	55.7	62.9	-7.2
	03.10-03.15	54.3	63.3	54.3	61.1	-6.8
	03.15-03.20	52.6	61.9	52.6	60.9	-8.3
	03.20-03.25	54.4	62.4	54.4	60.5	-6.1
	03.25-03.30	50.1	61.9	50.1	60.4	-10.3
	03.30-03.35	54.5	61.2	54.5	60.3	-5.8
	03.35-03.40	52.1	61.2	52.1	60.4	-8.3
	03.40-03.45	52.1	62.8	52.1	60.6	-8.5
	03.45-03.50	51.8	63.7	51.8	60.9	-9.1
	03.50-03.55	55.2	62.5	55.2	60.0	-4.8
	03.55-04.00	53.2	60.9	53.2	55.0	-1.8
Standard <sup>(1)(2)</sup>						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 <sub>90</sub> )	ค่าระดับการรบกวน
		07-08/05/24	11-12/05/24	-	11-12/05/24	-
15.	04.00-04.05	53.6	58.1	53.6	54.2	-0.6
	04.05-04.10	53.8	55.6	53.8	53.8	0.0
	04.10-04.15	53.1	54.6	53.1	53.7	-0.6
	04.15-04.20	54.6	56.7	54.6	54.1	0.5
	04.20-04.25	52.4	59.0	52.4	55.2	-2.8
	04.25-04.30	56.3	63.0	56.3	57.4	-1.1
	04.30-04.35	55.1	63.6	55.1	56.6	-1.5
	04.35-04.40	53.2	61.9	53.2	59.5	-6.3
	04.40-04.45	54.2	62.0	54.2	58.1	-3.9
	04.45-04.50	52.5	61.4	52.5	55.0	-2.5
	04.50-04.55	54.6	62.2	54.6	53.5	1.1
	04.55-05.00	54.6	61.2	54.6	54.5	0.1
16.	05.00-05.05	54.1	59.9	54.1	56.6	-2.5
	05.05-05.10	54.2	62.4	54.2	56.9	-2.7
	05.10-05.15	53.7	60.2	53.7	56.3	-2.6
	05.15-05.20	53.8	57.8	53.8	55.4	-1.6
	05.20-05.25	58.7	60.2	58.7	56.1	2.6
	05.25-05.30	56.2	61.5	56.2	56.5	-0.3
	05.30-05.35	56.3	67.5	56.3	57.5	-1.2
	05.35-05.40	58.9	63.8	58.9	58.0	0.9
	05.40-05.45	56.2	60.2	56.2	55.8	0.4
	05.45-05.50	58.1	57.7	50.5	56.0	-5.5
	05.50-05.55	58.1	59.3	58.1	55.6	2.5
	05.55-06.00	56.5	59.1	56.5	56.0	0.5
17.	06.00-07.00	56.9	66.5	56.9	59.1	-2.2
18.	07.00-08.00	58.6	65.8	58.6	59.9	-1.3
19.	08.00-09.00	57.2	62.0	57.2	55.2	2.0
20.	09.00-10.00	56.5	59.8	56.5	54.5	2.1
21.	10.00-11.00	54.4	60.9	54.4	56.4	-2.0
22.	11.00-12.00	55.5	59.6	55.5	54.3	1.2
23.	12.00-13.00	59.9	60.0	59.9	54.4	5.5
24.	13.00-14.00	52.8	57.2	52.8	52.2	0.6
Standard <sup>(1)(2)</sup>						10

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

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

Pramual M.

Pramual Moonsarn



Wannasiri S.

Wannasiri Suriyawong

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

## TEST REPORT

Customer Name : Yamada Somboon Co., Ltd.

Report No. : 1584/2024/22-26

Project : โครงการโรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)

Report Date : May 23, 2024

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

Sampling Date : May 7-14, 2024

Mabyangporn, Pluakdaeng Rayong 21140

Type of Sample : เสียงรบกวน

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

Job No. : S670141/May

(22/1-3)

Item	Time	Result (dB(A))				
		รพ. สต. บ้านมาบยางพร				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L <sub>90</sub> )	ค่าระดับการรบกวน
		08-09/05/24	11-12/05/24	-	11-12/05/24	-
1.	14.00-15.00	53.5	69.3	53.5	67.2	-13.7
2.	15.00-16.00	53.4	66.9	53.4	53.6	-0.1
3.	16.00-17.00	52.8	58.8	52.8	49.4	3.4
4.	17.00-18.00	53.1	58.1	53.1	52.2	0.9
5.	18.00-19.00	59.9	61.9	59.9	57.0	3.0
6.	19.00-20.00	61.7	62.7	61.7	57.5	4.2
7.	20.00-21.00	59.0	61.8	59.0	57.6	1.4
8.	21.00-22.00	59.1	66.1	59.1	63.2	-4.0
9.	22.00-22.05	59.1	68.8	59.1	63.9	-4.8
	22.05-22.10	60.4	63.7	60.4	62.6	-2.2
	22.10-22.15	59.8	64.2	59.8	62.5	-2.7
	22.15-22.20	59.1	63.1	59.1	61.5	-2.4
	22.20-22.25	66.1	64.6	63.8	62.5	1.2
	22.25-22.30	61.1	64.4	61.1	62.9	-1.8
	22.30-22.35	57.1	64.4	57.1	63.0	-5.9
	22.35-22.40	63.7	66.5	63.7	63.2	0.5
	22.40-22.45	59.9	64.1	59.9	63.0	-3.1
	22.45-22.50	58.0	63.7	58.0	63.0	-5.0
	22.50-22.55	58.3	64.4	58.3	62.8	-4.5
	22.55-23.00	54.6	64.5	54.6	62.8	-8.2
10.	23.00-23.05	57.5	63.8	50.2	62.4	-12.2
	23.05-23.10	57.3	62.9	57.3	62.2	-4.9
	23.10-23.15	55.5	65.9	55.5	62.5	-7.0
	23.15-23.20	57.9	66.1	57.9	63.8	-5.9
	23.20-23.25	55.5	66.0	55.5	63.0	-7.5
	23.25-23.30	55.6	66.3	55.6	62.5	-6.9
	23.30-23.35	54.7	62.7	54.7	61.9	-7.2
	23.35-23.40	55.2	63.2	55.2	62.0	-6.8
	23.40-23.45	58.6	63.6	58.6	62.1	-3.5
	23.45-23.50	59.0	63.7	59.0	62.5	-3.5
	23.50-23.55	62.9	63.5	62.9	62.0	0.9
	23.55-00.00	58.7	63.2	58.7	62.0	-3.3
Standard <sup>(1)(2)</sup>						10

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## TEST REPORT

(2322-3)

Item	Time	Result (dB(A))				
		รพ. สต. บ้านมาบยางพร				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L <sub>90</sub> )	ค่าระดับการรบกวน
		08-09/05/24	11-12/05/24	-	11-12/05/24	-
11.	00.00-00.05	56.1	63.1	56.1	62.1	-6.0
	00.05-00.10	55.8	63.9	55.8	62.3	-6.5
	00.10-00.15	58.1	63.6	58.1	62.0	-3.9
	00.15-00.20	59.0	63.2	59.0	62.3	-3.3
	00.20-00.25	62.7	64.5	62.7	62.9	-0.2
	00.25-00.30	67.9	63.9	68.7	62.8	5.9
	00.30-00.35	56.3	65.4	56.3	62.8	-6.5
	00.35-00.40	61.8	64.8	61.8	63.4	-1.6
	00.40-00.45	59.4	64.4	59.4	62.6	-3.2
	00.45-00.50	58.4	64.2	58.4	62.2	-3.8
	00.50-00.55	56.5	64.2	56.5	62.3	-5.8
	00.55-01.00	56.4	63.2	56.4	62.4	-6.0
12.	01.00-01.05	55.6	64.4	55.6	62.1	-6.5
	01.05-01.10	57.5	69.7	57.5	63.1	-5.6
	01.10-01.15	57.7	64.6	57.7	61.0	-3.3
	01.15-01.20	58.1	64.4	58.1	61.7	-3.6
	01.20-01.25	62.9	62.9	62.9	61.9	1.0
	01.25-01.30	59.1	62.9	59.1	61.5	-2.4
	01.30-01.35	57.4	66.0	57.4	62.0	-4.6
	01.35-01.40	56.0	63.7	56.0	61.8	-5.8
	01.40-01.45	54.9	67.7	54.9	62.8	-7.9
	01.45-01.50	59.2	62.4	59.2	61.2	-2.0
	01.50-01.55	58.6	62.4	58.6	60.8	-2.2
	01.55-02.00	60.7	61.9	60.7	60.7	0.0
13.	02.00-02.05	56.0	63.4	56.0	61.0	-5.0
	02.05-02.10	56.5	63.9	56.5	59.7	-3.2
	02.10-02.15	56.1	61.9	56.1	61.0	-4.9
	02.15-02.20	61.6	62.8	61.6	61.3	0.3
	02.20-02.25	57.1	69.1	57.1	62.8	-5.7
	02.25-02.30	57.6	65.6	57.6	63.2	-5.6
	02.30-02.35	56.5	64.3	56.5	62.3	-5.8
	02.35-02.40	56.2	63.5	56.2	61.2	-5.0
	02.40-02.45	57.0	61.7	57.0	60.6	-3.6
	02.45-02.50	55.3	62.0	55.3	60.9	-5.6
	02.50-02.55	55.4	62.1	55.4	60.8	-5.4
	02.55-03.00	55.4	64.6	55.4	61.4	-6.0
14.	03.00-03.05	60.1	62.6	60.1	60.9	-0.8
	03.05-03.10	56.2	63.9	56.2	62.9	-6.7
	03.10-03.15	56.4	63.3	56.4	61.1	-4.7
	03.15-03.20	54.8	61.9	54.8	60.9	-6.1
	03.20-03.25	53.9	62.4	53.9	60.5	-6.6
	03.25-03.30	54.0	61.9	54.0	60.4	-6.4
	03.30-03.35	61.7	61.2	55.1	60.3	-5.2
	03.35-03.40	58.9	61.2	58.9	60.4	-1.5
	03.40-03.45	56.2	62.8	56.2	60.6	-4.4
	03.45-03.50	58.2	63.7	58.2	60.9	-2.7
	03.50-03.55	53.7	62.5	53.7	60.0	-6.3
	03.55-04.00	54.2	60.9	54.2	55.0	-0.8
Standard <sup>(1)(2)</sup>						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 <sub>90</sub> )	ค่าระดับการรบกวน
		08-09/05/24	11-12/05/24	-	11-12/05/24	-
15.	04.00-04.05	63.6	58.1	65.2	54.2	11.0
	04.05-04.10	57.8	55.6	56.8	53.8	3.0
	04.10-04.15	54.8	54.6	44.3	53.7	-9.4
	04.15-04.20	57.0	56.7	48.2	54.1	-5.9
	04.20-04.25	62.9	59.0	63.6	55.2	8.4
	04.25-04.30	64.9	63.0	63.4	57.4	6.0
	04.30-04.35	62.6	63.6	62.6	56.6	6.0
	04.35-04.40	63.7	61.9	62.0	59.5	2.5
	04.40-04.45	63.5	62.0	61.2	58.1	3.0
	04.45-04.50	64.6	61.4	64.8	55.0	9.8
	04.50-04.55	62.6	62.2	55.0	53.5	1.5
	04.55-05.00	65.7	61.2	66.8	54.5	12.3
16.	05.00-05.05	64.2	59.9	65.2	56.6	8.6
	05.05-05.10	62.4	62.4	62.4	56.9	5.5
	05.10-05.15	64.9	60.2	66.1	56.3	9.8
	05.15-05.20	64.3	57.8	66.2	55.4	10.8
	05.20-05.25	63.2	60.2	63.2	56.1	7.1
	05.25-05.30	61.7	61.5	51.2	56.5	-5.3
	05.30-05.35	61.1	67.5	61.1	57.5	3.6
	05.35-05.40	60.1	63.8	60.1	58.0	2.1
	05.40-05.45	59.0	60.2	59.0	55.8	3.2
	05.45-05.50	63.6	57.7	65.3	56.0	9.3
	05.50-05.55	56.5	59.3	56.5	55.6	0.9
	05.55-06.00	57.7	59.1	57.7	56.0	1.7
17.	06.00-07.00	62.6	66.5	62.6	59.1	3.5
18.	07.00-08.00	59.4	65.8	59.4	59.9	-0.5
19.	08.00-09.00	59.6	62.0	59.6	55.2	4.5
20.	09.00-10.00	61.1	59.8	55.0	54.5	0.6
21.	10.00-11.00	52.9	60.9	52.9	56.4	-3.5
22.	11.00-12.00	54.6	59.6	54.6	54.3	0.3
23.	12.00-13.00	55.2	60.0	55.2	54.4	0.8
24.	13.00-14.00	58.5	57.2	52.8	52.2	0.6
Standard <sup>(1)(2)</sup>						10

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

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

Pramual M.

Pramual Moonsarn



Wannasiri S.

Wannasiri Suriyawong

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## TEST REPORT

Customer Name : Yamada Somboon Co., Ltd. Report No. : 1584/2024/23-26  
Project : โครงการโรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3) Report Date : May 23, 2024  
Address : Siam Eastern Industrial Park 60/4, 42/12 Moo 3, Sampling Date : May 7-14, 2024  
Mabyangporn, Pluakdaeng Rayong 21140 Type of Sample : เสียงรบกวน  
T. (038) 891 187-9 Ext. 207 F. (038) 891 756  
Job No. : S670141/May

(23/1-3)

Item	Time	Result (dB(A))				
		รพ. สต. บ้านมาบยางพร				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L <sub>90</sub> )	ค่าระดับการรบกวน
		09-10/05/24	11-12/05/24	-	11-12/05/24	-
1.	14.00-15.00	53.7	69.3	53.7	67.2	-13.4
2.	15.00-16.00	52.7	66.9	52.7	53.6	-0.8
3.	16.00-17.00	51.9	58.8	51.9	49.4	2.6
4.	17.00-18.00	52.9	58.1	52.9	52.2	0.7
5.	18.00-19.00	54.0	61.9	54.0	57.0	-3.0
6.	19.00-20.00	59.7	62.7	59.7	57.5	2.2
7.	20.00-21.00	57.8	61.8	57.8	57.6	0.2
8.	21.00-22.00	58.9	66.1	58.9	63.2	-4.3
9.	22.00-22.05	57.3	68.8	57.3	63.9	-6.6
10.	22.05-22.10	60.6	63.7	60.6	62.6	-2.0
	22.10-22.15	62.3	64.2	62.3	62.5	-0.2
	22.15-22.20	59.2	63.1	59.2	61.5	-2.3
	22.20-22.25	60.8	64.6	60.8	62.5	-1.7
	22.25-22.30	60.7	64.4	60.7	62.9	-2.2
	22.30-22.35	59.6	64.4	59.6	63.0	-3.4
	22.35-22.40	56.2	66.5	56.2	63.2	-7.0
	22.40-22.45	59.6	64.1	59.6	63.0	-3.4
	22.45-22.50	55.5	63.7	55.5	63.0	-7.5
	22.50-22.55	58.5	64.4	58.5	62.8	-4.3
	22.55-23.00	56.6	64.5	56.6	62.8	-6.2
	23.00-23.05	54.7	63.8	54.7	62.4	-7.7
	23.05-23.10	58.0	62.9	58.0	62.2	-4.2
	23.10-23.15	64.8	65.9	64.8	62.5	2.3
	23.15-23.20	61.2	66.1	61.2	63.8	-2.6
	23.20-23.25	55.1	66.0	55.1	63.0	-7.9
	23.25-23.30	55.7	66.3	55.7	62.5	-6.8
	23.30-23.35	57.0	62.7	57.0	61.9	-4.9
	23.35-23.40	55.3	63.2	55.3	62.0	-6.7
	23.40-23.45	59.0	63.6	59.0	62.1	-3.1
	23.45-23.50	55.1	63.7	55.1	62.5	-7.4
	23.50-23.55	56.3	63.5	56.3	62.0	-5.7
	23.55-00.00	60.0	63.2	60.0	62.0	-2.0
Standard <sup>(1)(2)</sup>						10

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## TEST REPORT

(23/2-3)

Item	Time	Result (dB(A))				
		รพ. สต. บ้านมาบยางพร				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L <sub>90</sub> )	ค่าระดับการรบกวน
		09-10/05/24	11-12/05/24	-	11-12/05/24	-
11.	00.00-00.05	60.7	63.1	60.7	62.1	-1.4
	00.05-00.10	56.5	63.9	56.5	62.3	-5.8
	00.10-00.15	63.2	63.6	63.2	62.0	1.2
	00.15-00.20	56.2	63.2	56.2	62.3	-6.1
	00.20-00.25	61.3	64.5	61.3	62.9	-1.6
	00.25-00.30	54.9	63.9	54.9	62.8	-7.9
	00.30-00.35	55.0	65.4	55.0	62.8	-7.8
	00.35-00.40	59.1	64.8	59.1	63.4	-4.3
	00.40-00.45	58.3	64.4	58.3	62.6	-4.3
	00.45-00.50	61.7	64.2	61.7	62.2	-0.5
	00.50-00.55	55.8	64.2	55.8	62.3	-6.5
12.	00.55-01.00	55.0	63.2	55.0	62.4	-7.4
	01.00-01.05	55.7	64.4	55.7	62.1	-6.4
	01.05-01.10	55.9	69.7	55.9	63.1	-7.2
	01.10-01.15	59.4	64.6	59.4	61.0	-1.6
	01.15-01.20	62.1	64.4	62.1	61.7	0.4
	01.20-01.25	63.1	62.9	62.6	61.9	-9.3
	01.25-01.30	53.7	62.9	53.7	61.5	-7.8
	01.30-01.35	57.9	66.0	57.9	62.0	-4.1
	01.35-01.40	59.0	63.7	59.0	61.8	-2.8
	01.40-01.45	53.1	67.7	53.1	62.8	-9.7
	01.45-01.50	53.3	62.4	53.3	61.2	-7.9
13.	01.50-01.55	57.5	62.4	57.5	60.8	-3.3
	01.55-02.00	57.5	61.9	57.5	60.7	-3.2
	02.00-02.05	54.5	63.4	54.5	61.0	-6.5
	02.05-02.10	56.6	63.9	56.6	59.7	-3.1
	02.10-02.15	57.8	61.9	57.8	61.0	-3.2
	02.15-02.20	55.6	62.8	55.6	61.3	-5.7
	02.20-02.25	55.6	69.1	55.6	62.8	-7.2
	02.25-02.30	54.9	65.6	54.9	63.2	-8.3
	02.30-02.35	56.2	64.3	56.2	62.3	-6.1
	02.35-02.40	55.2	63.5	55.2	61.2	-6.0
	02.40-02.45	56.6	61.7	56.6	60.6	-4.0
14.	02.45-02.50	54.7	62.0	54.7	60.9	-6.2
	02.50-02.55	56.6	62.1	56.6	60.8	-4.2
	02.55-03.00	56.8	64.6	56.8	61.4	-4.6
	03.00-03.05	54.3	62.6	54.3	60.9	-6.6
	03.05-03.10	57.7	63.9	57.7	62.9	-5.2
	03.10-03.15	58.4	63.3	58.4	61.1	-2.7
	03.15-03.20	56.2	61.9	56.2	60.9	-4.7
	03.20-03.25	56.6	62.4	56.6	60.5	-3.9
	03.25-03.30	55.2	61.9	55.2	60.4	-5.2
	03.30-03.35	60.3	61.2	60.3	60.3	0.0
	03.35-03.40	58.1	61.2	58.1	60.4	-2.3
	03.40-03.45	57.3	62.8	57.3	60.6	-3.3
	03.45-03.50	54.6	63.7	54.6	60.9	-6.3
	03.50-03.55	55.8	62.5	55.8	60.0	-4.2
	03.55-04.00	56.3	60.9	56.3	55.0	1.3
Standard <sup>(1)(2)</sup>						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 <sub>90</sub> )	ค่าระดับการรบกวน
		09-10/05/24	11-12/05/24	-	11-12/05/24	-
15.	04.00-04.05	65.5	58.1	67.6	54.2	13.4
	04.05-04.10	57.9	55.6	57.0	53.8	3.2
	04.10-04.15	57.6	54.6	57.6	53.7	3.9
	04.15-04.20	55.5	56.7	55.5	54.1	1.4
	04.20-04.25	53.7	59.0	53.7	55.2	-1.5
	04.25-04.30	61.8	63.0	61.8	57.4	4.4
	04.30-04.35	54.3	63.6	54.3	56.6	-2.3
	04.35-04.40	54.8	61.9	54.8	59.5	-4.7
	04.40-04.45	57.1	62.0	57.1	58.1	-1.0
	04.45-04.50	60.0	61.4	60.0	55.0	5.0
16.	04.50-04.55	59.6	62.2	59.6	53.5	6.1
	04.55-05.00	66.0	61.2	67.3	54.5	12.8
	05.00-05.05	55.5	59.9	55.5	56.6	-1.1
	05.05-05.10	64.9	62.4	64.3	56.9	7.4
	05.10-05.15	63.4	60.2	63.6	56.3	7.3
	05.15-05.20	62.6	57.8	63.9	55.4	8.4
	05.20-05.25	65.3	60.2	66.7	56.1	10.6
	05.25-05.30	65.7	61.5	66.6	56.5	10.1
	05.30-05.35	64.2	67.5	64.2	57.5	6.7
	05.35-05.40	65.4	63.8	63.3	58.0	5.3
17.	05.40-05.45	64.6	60.2	65.6	55.8	9.8
	05.45-05.50	65.2	57.7	67.3	56.0	11.4
	05.50-05.55	65.3	59.3	67.0	55.6	11.4
	05.55-06.00	63.1	59.1	63.9	56.0	7.9
	06.00-07.00	61.9	66.5	61.9	59.1	2.8
	07.00-08.00	58.8	65.8	58.8	59.9	-1.1
	08.00-09.00	59.5	62.0	59.5	55.2	4.4
	09.00-10.00	68.6	59.8	68.0	54.5	13.6
	10.00-11.00	58.2	60.9	58.2	56.4	1.8
	11.00-12.00	68.5	59.6	67.9	54.3	13.6
23.	12.00-13.00	62.9	60.0	59.8	54.4	5.4
24.	13.00-14.00	61.8	57.2	60.0	52.2	7.9
Standard <sup>(1)(2)</sup>						10

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

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

Pramual M.

Pramual Moonsarn



Wannasiri S.

Wannasiri Suriyawong

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## TEST REPORT

Customer Name : Yamada Somboon Co., Ltd. Report No. : 1584/2024/24-26  
Project : โครงการโรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3) Report Date : May 23, 2024  
Address : Siam Eastern Industrial Park 60/4, 42/12 Moo 3, Sampling Date : May 7-14, 2024  
Mabyangporn, Pluakdaeng Rayong 21140 Type of Sample : เสียงรบกวน  
T. (038) 891 187-9 Ext. 207 F. (038) 891 756  
Job No. : S670141/May

(24/1-3)

Item	Time	Result (dB(A))				
		รพ. สต. บ้านมาบยางพร				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L <sub>90</sub> )	ค่าระดับการรบกวน
		10-11/05/24	11-12/05/24	-	11-12/05/24	-
1.	14.00-15.00	65.1	69.3	65.1	67.2	-2.0
2.	15.00-16.00	61.7	66.9	61.7	53.6	8.2
3.	16.00-17.00	56.7	58.8	56.7	49.4	7.4
4.	17.00-18.00	61.6	58.1	59.0	52.2	6.8
5.	18.00-19.00	58.9	61.9	58.9	57.0	1.9
6.	19.00-20.00	61.7	62.7	61.7	57.5	4.2
7.	20.00-21.00	62.9	61.8	56.5	57.6	-1.1
8.	21.00-22.00	61.4	66.1	61.4	63.2	-1.7
9.	22.00-22.05	60.2	68.8	60.2	63.9	-3.7
	22.05-22.10	61.7	63.7	61.7	62.6	-0.9
	22.10-22.15	61.0	64.2	61.0	62.5	-1.5
	22.15-22.20	59.2	63.1	59.2	61.5	-2.3
	22.20-22.25	59.3	64.6	59.3	62.5	-3.2
	22.25-22.30	58.9	64.4	58.9	62.9	-4.0
	22.30-22.35	60.3	64.4	60.3	63.0	-2.7
	22.35-22.40	62.0	66.5	62.0	63.2	-1.2
	22.40-22.45	62.3	64.1	62.3	63.0	-0.7
	22.45-22.50	60.8	63.7	60.8	63.0	-2.2
	22.50-22.55	61.1	64.4	61.1	62.8	-1.7
	22.55-23.00	66.0	64.5	63.7	62.8	0.8
10.	23.00-23.05	67.5	63.8	68.1	62.4	5.7
	23.05-23.10	63.9	62.9	60.0	62.2	-2.2
	23.10-23.15	63.3	65.9	63.3	62.5	0.8
	23.15-23.20	66.6	66.1	60.0	63.8	-3.8
	23.20-23.25	65.0	66.0	65.0	63.0	2.0
	23.25-23.30	62.8	66.3	62.8	62.5	0.3
	23.30-23.35	62.1	62.7	62.1	61.9	0.2
	23.35-23.40	60.1	63.2	60.1	62.0	-1.9
	23.40-23.45	61.0	63.6	61.0	62.1	-1.1
	23.45-23.50	62.1	63.7	62.1	62.5	-0.4
	23.50-23.55	63.7	63.5	53.2	62.0	-8.8
	23.55-00.00	62.3	63.2	62.3	62.0	0.3
Standard <sup>(1)(2)</sup>						10

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## TEST REPORT

(24/2-3)

Item	Time	Result (dB(A))				
		รพ. สต. บ้านมาบยางพร				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L <sub>90</sub> )	ค่าระดับการรบกวน
		10-11/05/24	11-12/05/24	-	11-12/05/24	-
11.	00.00-00.05	62.5	63.1	62.5	62.1	0.4
	00.05-00.10	62.2	63.9	62.2	62.3	-0.1
	00.10-00.15	58.0	63.6	58.0	62.0	-4.0
	00.15-00.20	58.5	63.2	58.5	62.3	-3.8
	00.20-00.25	57.5	64.5	57.5	62.9	-5.4
	00.25-00.30	59.9	63.9	59.9	62.8	-2.9
	00.30-00.35	63.3	65.4	63.3	62.8	0.5
	00.35-00.40	63.6	64.8	63.6	63.4	0.2
	00.40-00.45	64.4	64.4	64.4	62.6	1.8
	00.45-00.50	62.0	64.2	62.0	62.2	-0.2
	00.50-00.55	63.0	64.2	63.0	62.3	0.7
12.	00.55-01.00	62.6	63.2	62.6	62.4	0.2
	01.00-01.05	58.5	64.4	58.5	62.1	-3.6
	01.05-01.10	60.5	69.7	60.5	63.1	-2.6
	01.10-01.15	61.4	64.6	61.4	61.0	0.4
	01.15-01.20	58.6	64.4	58.6	61.7	-3.1
	01.20-01.25	62.0	62.9	62.0	61.9	0.1
	01.25-01.30	63.3	62.9	55.7	61.5	-5.8
	01.30-01.35	62.3	66.0	62.3	62.0	0.3
	01.35-01.40	62.6	63.7	62.6	61.8	0.8
	01.40-01.45	63.7	67.7	63.7	62.8	0.9
	01.45-01.50	58.1	62.4	58.1	61.2	-3.1
13.	01.50-01.55	58.9	62.4	58.9	60.8	-1.9
	01.55-02.00	60.3	61.9	60.3	60.7	-0.4
	02.00-02.05	61.3	63.4	61.3	61.0	0.3
	02.05-02.10	58.4	63.9	58.4	59.7	-1.3
	02.10-02.15	63.9	61.9	62.6	61.0	1.6
	02.15-02.20	63.6	62.8	58.9	61.3	-2.4
	02.20-02.25	63.8	69.1	63.8	62.8	1.0
	02.25-02.30	64.2	65.6	64.2	63.2	1.0
	02.30-02.35	60.8	64.3	60.8	62.3	-1.5
	02.35-02.40	60.4	63.5	60.4	61.2	-0.8
	02.40-02.45	60.4	61.7	60.4	60.6	-0.2
14.	02.45-02.50	60.7	62.0	60.7	60.9	-0.2
	02.50-02.55	59.9	62.1	59.9	60.8	-0.9
	02.55-03.00	61.9	64.6	61.9	61.4	0.5
	03.00-03.05	63.6	62.6	59.7	60.9	-1.2
	03.05-03.10	64.6	63.9	59.3	62.9	-3.6
	03.10-03.15	61.1	63.3	61.1	61.1	0.0
	03.15-03.20	59.8	61.9	59.8	60.9	-1.1
	03.20-03.25	57.2	62.4	57.2	60.5	-3.3
	03.25-03.30	61.1	61.9	61.1	60.4	0.7
	03.30-03.35	62.2	61.2	58.3	60.3	-2.0
	03.35-03.40	61.3	61.2	47.9	60.4	-12.5
	03.40-03.45	60.9	62.8	60.9	60.6	0.3
	03.45-03.50	62.4	63.7	62.4	60.9	1.5
	03.50-03.55	70.8	62.5	73.1	60.0	13.1
	03.55-04.00	63.4	60.9	62.8	55.0	7.8
	Standard <sup>(1)(2)</sup>					10

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## TEST REPORT

(24/3-3)

Item	Time	Result (dB(A))				
		รพ. สต. บ้านมาบยางพร				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L <sub>90</sub> )	ค่าระดับการรบกวน
		10-11/05/24	11-12/05/24	-	11-12/05/24	-
15.	04.00-04.05	61.5	58.1	61.8	54.2	7.6
	04.05-04.10	59.2	55.6	59.7	53.8	5.9
	04.10-04.15	59.4	54.6	60.7	53.7	7.0
	04.15-04.20	58.0	56.7	55.1	54.1	1.0
	04.20-04.25	60.2	59.0	57.0	55.2	1.8
	04.25-04.30	58.5	63.0	58.5	57.4	1.1
	04.30-04.35	58.9	63.6	58.9	56.6	2.3
	04.35-04.40	60.9	61.9	60.9	59.5	1.4
	04.40-04.45	58.6	62.0	58.6	58.1	0.5
	04.45-04.50	59.3	61.4	59.3	55.0	4.3
16.	04.50-04.55	58.7	62.2	58.7	53.5	5.2
	04.55-05.00	59.0	61.2	59.0	54.5	4.5
	05.00-05.05	58.7	59.9	58.7	56.6	2.1
	05.05-05.10	58.9	62.4	58.9	56.9	2.0
	05.10-05.15	58.8	60.2	58.8	56.3	2.5
	05.15-05.20	59.1	57.8	56.2	55.4	0.8
	05.20-05.25	58.6	60.2	58.6	56.1	2.5
	05.25-05.30	58.4	61.5	58.4	56.5	1.9
	05.30-05.35	56.9	67.5	56.9	57.5	-0.6
	05.35-05.40	58.2	63.8	58.2	58.0	0.2
17.	05.40-05.45	58.6	60.2	58.6	55.8	2.8
	05.45-05.50	59.7	57.7	58.4	56.0	2.4
	05.50-05.55	56.4	59.3	56.4	55.6	0.8
	05.55-06.00	55.3	59.1	55.3	56.0	-0.7
	06.00-07.00	63.8	66.5	63.8	59.1	4.7
	07.00-08.00	67.6	65.8	63.0	59.9	3.1
	08.00-09.00	60.9	62.0	60.9	55.2	5.7
	09.00-10.00	63.4	59.8	60.9	54.5	6.4
	10.00-11.00	59.0	60.9	59.0	56.4	2.6
	11.00-12.00	56.7	59.6	56.7	54.3	2.4
22.	12.00-13.00	64.4	60.0	62.4	54.4	8.0
23.	13.00-14.00	66.0	57.2	65.4	52.2	13.2
Standard <sup>(1)(2)</sup>						10

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

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

*Pramual M.*

Pramual Moonsarn



*Wannasiri S.*

Wannasiri Suriyawong

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## TEST REPORT

Customer Name : Yamada Somboon Co., Ltd.

Report No. : 1584/2024/25-26

Project : โครงการโรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)

Report Date : May 23, 2024

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

Sampling Date : May 7-14, 2024

Mabyangporn, Pluakdaeng Rayong 21140

Type of Sample : เสียงรบกวน

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

Job No. : S670141/May

(25/1-3)

Item	Time	Result (dB(A))				
		รพ. สต. บ้านมาบยางพร				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L <sub>90</sub> )	ค่าระดับการรบกวน
		12-13/05/24	11-12/05/24	-	11-12/05/24	-
1.	14.00-15.00	57.8	69.3	57.8	67.2	-9.3
2.	15.00-16.00	56.5	66.9	56.5	53.6	3.0
3.	16.00-17.00	58.0	58.8	58.0	49.4	8.7
4.	17.00-18.00	59.5	58.1	54.0	52.2	1.8
5.	18.00-19.00	59.2	61.9	59.2	57.0	2.2
6.	19.00-20.00	62.7	62.7	62.7	57.5	5.3
7.	20.00-21.00	62.2	61.8	52.2	57.6	-5.4
8.	21.00-22.00	62.4	66.1	62.4	63.2	-0.7
9.	22.00-22.05	63.4	68.8	63.4	63.9	-0.5
	22.05-22.10	61.4	63.7	61.4	62.6	-1.2
	22.10-22.15	62.5	64.2	62.5	62.5	0.0
	22.15-22.20	61.9	63.1	61.9	61.5	0.4
	22.20-22.25	64.9	64.6	56.1	62.5	-6.4
	22.25-22.30	62.8	64.4	62.8	62.9	-0.1
	22.30-22.35	62.3	64.4	62.3	63.0	-0.7
	22.35-22.40	63.2	66.5	63.2	63.2	0.0
	22.40-22.45	62.6	64.1	62.6	63.0	-0.4
	22.45-22.50	62.7	63.7	62.7	63.0	-0.3
	22.50-22.55	64.9	64.4	58.3	62.8	-4.5
	22.55-23.00	64.9	64.5	57.3	62.8	-5.5
10.	23.00-23.05	62.3	63.8	62.3	62.4	-0.1
	23.05-23.10	61.9	62.9	61.9	62.2	-0.3
	23.10-23.15	61.9	65.9	61.9	62.5	-0.6
	23.15-23.20	65.3	66.1	65.3	63.8	1.5
	23.20-23.25	62.6	66.0	62.6	63.0	-0.4
	23.25-23.30	61.0	66.3	61.0	62.5	-1.5
	23.30-23.35	61.8	62.7	61.8	61.9	-0.1
	23.35-23.40	61.4	63.2	61.4	62.0	-0.6
	23.40-23.45	60.1	63.6	60.1	62.1	-2.0
	23.45-23.50	58.5	63.7	58.5	62.5	-4.0
	23.50-23.55	60.6	63.5	60.6	62.0	-1.4
	23.55-00.00	61.1	63.2	61.1	62.0	-0.9
Standard <sup>(1)(2)</sup>						10

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## TEST REPORT

(26/2-3)

Item	Time	Result (dB(A))				
		รพ. สต. บ้านมาบยางพร				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีกรรบกวน (Leq)	ระดับเสียงขณะมีกรรบกวน	ระดับเสียงพื้นฐาน (L <sub>90</sub> )	ค่าระดับการรบกวน
		12-13/05/24	11-12/05/24	-	11-12/05/24	-
11.	00.00-00.05	59.1	63.1	59.1	62.1	-3.0
	00.05-00.10	59.4	63.9	59.4	62.3	-2.9
	00.10-00.15	61.7	63.6	61.7	62.0	-0.3
	00.15-00.20	63.1	63.2	63.1	62.3	0.8
	00.20-00.25	59.6	64.5	59.6	62.9	-3.3
	00.25-00.30	58.9	63.9	58.9	62.8	-3.9
	00.30-00.35	60.5	65.4	60.5	62.8	-2.3
	00.35-00.40	59.0	64.8	59.0	63.4	-4.4
	00.40-00.45	60.9	64.4	60.9	62.6	-1.7
	00.45-00.50	59.0	64.2	59.0	62.2	-3.2
	00.50-00.55	60.1	64.2	60.1	62.3	-2.2
12.	00.55-01.00	59.7	63.2	59.7	62.4	-2.7
	01.00-01.05	61.4	64.4	61.4	62.1	-0.7
	01.05-01.10	63.8	69.7	63.8	63.1	0.7
	01.10-01.15	64.1	64.6	64.1	61.0	3.1
	01.15-01.20	65.0	64.4	59.1	61.7	-2.6
	01.20-01.25	60.3	62.9	60.3	61.9	-1.6
	01.25-01.30	60.4	62.9	60.4	61.5	-1.1
	01.30-01.35	61.0	66.0	61.0	62.0	-1.0
	01.35-01.40	66.0	63.7	65.1	61.8	3.3
	01.40-01.45	63.8	67.7	63.8	62.8	1.0
	01.45-01.50	59.1	62.4	59.1	61.2	-2.1
13.	01.50-01.55	58.0	62.4	58.0	60.8	-2.8
	01.55-02.00	60.4	61.9	60.4	60.7	-0.3
	02.00-02.05	61.7	63.4	61.7	61.0	0.7
	02.05-02.10	67.6	63.9	68.2	59.7	8.5
	02.10-02.15	61.3	61.9	61.3	61.0	0.3
	02.15-02.20	65.3	62.8	64.7	61.3	3.4
	02.20-02.25	59.8	69.1	59.8	62.8	-3.0
	02.25-02.30	61.7	65.6	61.7	63.2	-1.5
	02.30-02.35	59.3	64.3	59.3	62.3	-3.0
	02.35-02.40	59.6	63.5	59.6	61.2	-1.6
	02.40-02.45	61.0	61.7	61.0	60.6	0.4
14.	02.45-02.50	62.0	62.0	62.0	60.9	1.1
	02.50-02.55	60.6	62.1	60.6	60.8	-0.2
	02.55-03.00	63.4	64.6	63.4	61.4	2.0
	03.00-03.05	62.3	62.6	62.3	60.9	1.4
	03.05-03.10	61.8	63.9	61.8	62.9	-1.1
	03.10-03.15	61.7	63.3	61.7	61.1	0.6
	03.15-03.20	59.7	61.9	59.7	60.9	-1.2
	03.20-03.25	60.5	62.4	60.5	60.5	0.0
	03.25-03.30	61.1	61.9	61.1	60.4	0.7
	03.30-03.35	64.2	61.2	64.2	60.3	3.9
	03.35-03.40	64.9	61.2	65.5	60.4	5.1
	03.40-03.45	62.9	62.8	49.5	60.6	-11.1
	03.45-03.50	62.2	63.7	62.2	60.9	1.3
	03.50-03.55	62.3	62.5	62.3	60.0	2.3
	03.55-04.00	61.6	60.9	56.3	55.0	1.3
Standard <sup>(1)(2)</sup>						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 <sub>90</sub> )	ค่าระดับการรบกวน
		12-13/05/24	11-12/05/24	-	11-12/05/24	-
15.	04.00-04.05	61.1	58.1	61.1	54.2	6.9
	04.05-04.10	63.5	55.6	65.7	53.8	11.9
	04.10-04.15	62.8	54.6	65.1	53.7	11.4
	04.15-04.20	60.5	56.7	61.2	54.1	7.1
	04.20-04.25	62.3	59.0	62.6	55.2	7.4
	04.25-04.30	63.0	63.0	63.0	57.4	5.6
	04.30-04.35	62.9	63.6	62.9	56.6	6.3
	04.35-04.40	63.7	61.9	62.0	59.5	2.5
	04.40-04.45	61.5	62.0	61.5	58.1	3.4
	04.45-04.50	61.1	61.4	61.1	55.0	6.1
	04.50-04.55	65.1	62.2	65.0	53.5	11.5
	04.55-05.00	64.0	61.2	63.8	54.5	9.3
16.	05.00-05.05	61.8	59.9	60.3	56.6	3.7
	05.05-05.10	62.2	62.4	62.2	56.9	5.3
	05.10-05.15	66.4	60.2	68.2	56.3	11.9
	05.15-05.20	63.2	57.8	64.7	55.4	9.3
	05.20-05.25	62.1	60.2	60.6	56.1	4.5
	05.25-05.30	64.0	61.5	63.4	56.5	6.9
	05.30-05.35	67.3	67.5	67.3	57.5	9.8
	05.35-05.40	69.1	63.8	70.6	58.0	12.6
	05.40-05.45	63.5	60.2	63.8	55.8	8.0
	05.45-05.50	63.6	57.7	65.3	56.0	9.3
	05.50-05.55	63.4	59.3	64.3	55.6	8.7
	05.55-06.00	59.7	59.1	53.8	56.0	-2.2
17.	06.00-07.00	62.6	66.5	62.6	59.1	3.5
18.	07.00-08.00	63.7	65.8	63.7	59.9	3.8
19.	08.00-09.00	61.4	62.0	61.4	55.2	6.3
20.	09.00-10.00	62.8	59.8	59.8	54.5	5.4
21.	10.00-11.00	60.3	60.9	60.3	56.4	3.8
22.	11.00-12.00	60.7	59.6	54.2	54.3	-0.1
23.	12.00-13.00	61.6	60.0	56.5	54.4	2.1
24.	13.00-14.00	57.1	57.2	57.1	52.2	5.0
Standard <sup>(1)(2)</sup>						10

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

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

Pramual M.

Pramual Moonsarn



Wannasiri S.

Wannasiri Suriyawong

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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. : 1584/2024/26-26  
Project : โครงการโรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3) Report Date : May 23, 2024  
Address : Siam Eastern Industrial Park 60/4, 42/12 Moo 3, Sampling Date : May 7-14, 2024  
Mabyangporn, Pluakdaeng Rayong 21140 Type of Sample : เสียงรบกวน  
T. (038) 891 187-9 Ext. 207 F. (038) 891 756  
Job No. : S670141/May

(26/1-3)

Item	Time	Result (dB(A))				
		รพ. สต. บ้านมาบยางพร				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L <sub>90</sub> )	ค่าระดับการรบกวน
		13-14/05/24	11-12/05/24	-	11-12/05/24	-
1.	14.00-15.00	57.2	69.3	57.2	67.2	-10.0
2.	15.00-16.00	56.2	66.9	56.2	53.6	2.7
3.	16.00-17.00	58.7	58.8	58.7	49.4	9.4
4.	17.00-18.00	57.6	58.1	57.6	52.2	5.4
5.	18.00-19.00	55.5	61.9	55.5	57.0	-1.5
6.	19.00-20.00	58.7	62.7	58.7	57.5	1.2
7.	20.00-21.00	57.1	61.8	57.1	57.6	-0.5
8.	21.00-22.00	58.2	66.1	58.2	63.2	-4.9
9.	22.00-22.05	55.4	68.8	55.4	63.9	-8.5
	22.05-22.10	57.1	63.7	57.1	62.6	-5.5
	22.10-22.15	61.6	64.2	61.6	62.5	-0.9
	22.15-22.20	62.5	63.1	62.5	61.5	1.0
	22.20-22.25	57.4	64.6	57.4	62.5	-5.1
	22.25-22.30	60.5	64.4	60.5	62.9	-2.4
	22.30-22.35	60.8	64.4	60.8	63.0	-2.2
	22.35-22.40	63.1	66.5	63.1	63.2	-0.1
	22.40-22.45	61.1	64.1	61.1	63.0	-1.9
	22.45-22.50	55.4	63.7	55.4	63.0	-7.6
	22.50-22.55	55.7	64.4	55.7	62.8	-7.1
	22.55-23.00	54.7	64.5	54.7	62.8	-8.1
10.	23.00-23.05	55.1	63.8	55.1	62.4	-7.3
	23.05-23.10	65.4	62.9	64.8	62.2	2.6
	23.10-23.15	58.2	65.9	58.2	62.5	-4.3
	23.15-23.20	58.7	66.1	58.7	63.8	-5.1
	23.20-23.25	56.2	66.0	56.2	63.0	-6.8
	23.25-23.30	62.4	66.3	62.4	62.5	-0.1
	23.30-23.35	59.1	62.7	59.1	61.9	-2.8
	23.35-23.40	59.7	63.2	59.7	62.0	-2.3
	23.40-23.45	58.7	63.6	58.7	62.1	-3.4
	23.45-23.50	54.9	63.7	54.9	62.5	-7.6
	23.50-23.55	56.3	63.5	56.3	62.0	-5.7
	23.55-00.00	56.0	63.2	56.0	62.0	-6.0
Standard <sup>(1)(2)</sup>						10

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## TEST REPORT

(26/2-3)

Item	Time	Result (dB(A))				
		รพ. สต. บ้านมาบยางพร				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L <sub>90</sub> )	ค่าระดับการรบกวน
		13-14/05/24	11-12/05/24	-	11-12/05/24	-
11.	00.00-00.05	55.7	63.1	55.7	62.1	-6.4
	00.05-00.10	57.3	63.9	57.3	62.3	-5.0
	00.10-00.15	54.8	63.6	54.8	62.0	-7.2
	00.15-00.20	58.8	63.2	58.8	62.3	-3.5
	00.20-00.25	59.2	64.5	59.2	62.9	-3.7
	00.25-00.30	58.5	63.9	53.2	62.8	-9.6
	00.30-00.35	54.8	65.4	51.2	62.8	-11.6
	00.35-00.40	53.8	64.8	53.8	63.4	-9.6
	00.40-00.45	56.7	64.4	56.7	62.6	-5.9
	00.45-00.50	55.7	64.2	55.7	62.2	-6.5
	00.50-00.55	57.0	64.2	57.0	62.3	-5.3
	00.55-01.00	54.9	63.2	54.9	62.4	-7.5
12.	01.00-01.05	52.2	64.4	52.2	62.1	-9.9
	01.05-01.10	55.4	69.7	55.4	63.1	-7.7
	01.10-01.15	51.6	64.6	51.6	61.0	-9.4
	01.15-01.20	54.6	64.4	54.6	61.7	-7.1
	01.20-01.25	54.1	62.9	54.1	61.9	-7.8
	01.25-01.30	53.5	62.9	53.5	61.5	-8.0
	01.30-01.35	52.6	66.0	52.6	62.0	-9.4
	01.35-01.40	53.4	63.7	53.4	61.8	-8.4
	01.40-01.45	56.3	67.7	56.3	62.8	-6.5
	01.45-01.50	56.8	62.4	56.8	61.2	-4.4
	01.50-01.55	58.6	62.4	58.6	60.8	-2.2
	01.55-02.00	57.2	61.9	57.2	60.7	-3.5
13.	02.00-02.05	61.1	63.4	61.1	61.0	0.1
	02.05-02.10	53.8	63.9	53.8	59.7	-5.9
	02.10-02.15	57.0	61.9	57.0	61.0	-4.0
	02.15-02.20	61.7	62.8	61.7	61.3	0.4
	02.20-02.25	57.8	69.1	57.8	62.8	-5.0
	02.25-02.30	57.9	65.6	57.9	63.2	-5.3
	02.30-02.35	56.4	64.3	56.4	62.3	-5.9
	02.35-02.40	54.0	63.5	54.0	61.2	-7.2
	02.40-02.45	55.1	61.7	55.1	60.6	-5.5
	02.45-02.50	57.5	62.0	57.5	60.9	-3.4
	02.50-02.55	56.3	62.1	56.3	60.8	-4.5
	02.55-03.00	60.7	64.6	60.7	61.4	-0.7
14.	03.00-03.05	56.3	62.6	56.3	60.9	-4.6
	03.05-03.10	56.2	63.9	56.2	62.9	-6.7
	03.10-03.15	58.3	63.3	58.3	61.1	-2.8
	03.15-03.20	57.9	61.9	57.9	60.9	-3.0
	03.20-03.25	60.7	62.4	60.7	60.5	0.2
	03.25-03.30	58.0	61.9	58.0	60.4	-2.4
	03.30-03.35	56.0	61.2	56.0	60.3	-4.3
	03.35-03.40	56.8	61.2	56.8	60.4	-3.6
	03.40-03.45	56.4	62.8	56.4	60.6	-4.2
	03.45-03.50	67.1	63.7	67.4	60.9	6.6
	03.50-03.55	59.3	62.5	59.3	60.0	-0.7
	03.55-04.00	58.7	60.9	58.7	55.0	3.7
Standard <sup>(1)(2)</sup>						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 <sub>90</sub> )	ค่าระดับการรบกวน
		13-14/05/24	11-12/05/24	-	11-12/05/24	-
15.	04.00-04.05	56.6	58.1	56.6	54.2	2.4
	04.05-04.10	57.5	55.6	56.0	53.8	2.2
	04.10-04.15	54.9	54.6	46.1	53.7	-7.6
	04.15-04.20	54.7	56.7	54.7	54.1	0.6
	04.20-04.25	56.8	59.0	56.8	55.2	1.6
	04.25-04.30	57.8	63.0	57.8	57.4	0.4
	04.30-04.35	61.1	63.6	61.1	56.6	4.5
	04.35-04.40	55.2	61.9	55.2	59.5	-4.3
	04.40-04.45	59.3	62.0	59.3	58.1	1.2
	04.45-04.50	55.5	61.4	55.5	55.0	0.5
	04.50-04.55	57.3	62.2	57.3	53.5	3.8
	04.55-05.00	55.2	61.2	55.2	54.5	0.7
16.	05.00-05.05	60.4	59.9	53.8	56.6	-2.8
	05.05-05.10	60.2	62.4	60.2	56.9	3.3
	05.10-05.15	57.2	60.2	57.2	56.3	0.9
	05.15-05.20	56.3	57.8	56.3	55.4	0.9
	05.20-05.25	62.7	60.2	62.1	56.1	6.0
	05.25-05.30	55.3	61.5	55.3	56.5	-1.2
	05.30-05.35	56.5	67.5	56.5	57.5	-1.0
	05.35-05.40	57.1	63.8	57.1	58.0	-0.9
	05.40-05.45	53.7	60.2	53.7	55.8	-2.1
	05.45-05.50	59.9	57.7	58.9	56.0	2.9
	05.50-05.55	56.8	59.3	56.8	55.6	1.2
	05.55-06.00	58.2	59.1	58.2	56.0	2.2
17.	06.00-07.00	59.5	66.5	59.5	59.1	0.4
18.	07.00-08.00	58.8	65.8	58.8	59.9	-1.1
19.	08.00-09.00	57.4	62.0	57.4	55.2	2.3
20.	09.00-10.00	60.1	59.8	48.3	54.5	-6.2
21.	10.00-11.00	56.8	60.9	56.8	56.4	0.4
22.	11.00-12.00	57.6	59.6	57.6	54.3	3.3
23.	12.00-13.00	56.0	60.0	56.0	54.4	1.6
24.	13.00-14.00	54.2	57.2	54.2	52.2	2.1
Standard <sup>(1)(2)</sup>						10

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

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

Pramual M.

Pramual Moonsarn



Wannasiri S.

Wannasiri Suriyawong

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## TEST REPORT

**Analysis No.** : R24-0245  
**Received Date** : 23/01/24  
**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** : 2401-WW0376 = yellow turbid/high black sediment/covered with oil slick/smell

**Report Date** : 01/02/24  
**Analysis Date** : 22-30/01/24  
**Job No.** : S670141/Jan  
**Sampling Date** : 22/01/24  
**Sampling By** : TET  
**Type of Sample** : Wastewater

Item	Parameter	Unit	Method	Result	Standard	Analysis Date
				คุณภาพน้ำทิ้งจาก		
				ระบบบำบัดน้ำเสียสำเร็จรูป		
				2401-WW0376		
				บ่อตรวจสอบคุณภาพน้ำทิ้งที่ 1		
				(Inspection Manhole No. 1)		
1	pH	-	Electrometric Method (SM 4500 B)	7.25	5.5-9.0	22/01/24
2	SS	mg/L	Volumetric, Dried at 103-105 °C (SM 2540 F)	18.0	200	25/01/24
3	TDS	mg/L	Dried at 180 °C (SM 2540 C)	612	3,000	24/01/24
4	BOD	mg/L	5-Days BOD Test, Azide Modification Method (SM 5210 B)	88.4	500	24-29/01/24
5	COD	mg/L	Closed Reflux Titrimetric Method (SM 5220 C)	291	750	26/01/24
6	Oil & Grease	mg/L	Liquid-Liquid, Partition Gravimetric Method (SM 5520 B)	9.3	10	24/01/24
7	TKN	mg/L	Macro-Kjeldahl/Titrimetric Method	53.38	100	29/01/24
			(SM 4500-N <sub>org</sub> B&4500-NH <sub>3</sub> C)			
8	Al	mg/L	Digestion, ICP-OES Method (SM 3030F and 3120B)	0.89	-	30/01/24

**Remarks** : บ่อตรวจสอบคุณภาพน้ำทิ้งที่ 1 (Inspection Manhole No. 1) = 47P 0731212 UTM 1438096  
: BOD มีค่าปริมาณต่ำสุดที่สามารถรายงานเป็นตัวเลขได้ = 2 mg/L  
: COD มีค่าปริมาณต่ำสุดที่สามารถรายงานเป็นตัวเลขได้ = 40 mg/L  
**Method** : SM = Standard Method for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24<sup>th</sup> Edition, 2023  
**Standard** : Standard of Central Wastewater Treatment in SIAM EASTERN INDUSTRIAL PARK., LTD (2010) (B.E. 2553)

Reviewed by   
Ms. Wareerut Prachumdaeng  
Chief of Laboratory  
01.02.24



Approved by   
Mrs. Porntip Pethshee  
Laboratory Manager  
01.02.24

..... END OF REPORT .....

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## TEST REPORT

**Analysis No.** : R24-0423  
**Received Date** : 06/02/24  
**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** : 2402-WW0079 = yellow turbid/high black sediment/covered with oil slick/smell

**Report Date** : 19/02/24  
**Analysis Date** : 06-16/02/24  
**Job No.** : S670141/Feb  
**Sampling Date** : 05/02/24  
**Sampling By** : TET  
**Type of Sample** : Wastewater

Item	Parameter	Unit	Method	Result	Standard	Analysis Date
				คุณภาพน้ำทิ้งจาก ระบบบำบัดน้ำเสียสำเร็จรูป		
				2402-WW0079		
				บ่อตรวจสอบคุณภาพน้ำทิ้งที่ 1 (Inspection Manhole No. 1)		
1	pH	-	Electrometric Method (SM 4500 B)	7.05	5.5-9.0	06/02/24
2	SS	mg/L	Volumetric, Dried at 103-105 °C (SM 2540 F)	13.3	200	08/02/24
3	TDS	mg/L	Dried at 180 °C (SM 2540 C)	484	3,000	07/02/24
4	BOD	mg/L	5-Days BOD Test, Azide Modification Method (SM 5210 B)	90.6	500	07-12/02/24
5	COD	mg/L	Closed Reflux Titrimetric Method (SM 5220 C)	307	750	09/02/24
6	Oil & Grease	mg/L	Liquid-Liquid, Partition Gravimetric Method (SM 5520 B)	6.7	10	07/02/24
7	TKN	mg/L	Macro-Kjeldahl/Titrimetric Method (SM 4500-N <sub>org</sub> B&4500-NH <sub>3</sub> C)	53.90	100	07/02/24
8	Al	mg/L	Digestion, ICP-OES Method (SM 3030F and 3120B)	0.24	-	16/02/24

**Remarks** : บ่อตรวจสอบคุณภาพน้ำทิ้งที่ 1 (Inspection Manhole No. 1) = 47P 0731212 UTM 1438096  
: BOD มีค่าปริมาณต่ำสุดที่สามารถรายงานเป็นตัวเลขได้ = 2 mg/L  
: COD มีค่าปริมาณต่ำสุดที่สามารถรายงานเป็นตัวเลขได้ = 40 mg/L  
**Method** : SM = Standard Method for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24<sup>th</sup> Edition, 2023  
**Standard** : Standard of Central Wastewater Treatment in SIAM EASTERN INDUSTRIAL PARK., LTD (2010) (B.E. 2553)

Reviewed by

Ms. Wareerut Prachumdaeng  
Chief of Laboratory  
19.02.24



Approved by

Mrs. Pomtip Pethshee  
Laboratory Manager  
19.02.24

END OF REPORT

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

**Analysis No.** : R24-0848  
**Received Date** : 08/03/24  
**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, Mabyangporm,  
Pluakdaeng Rayong 21140  
**Contact** : Tel. (038) 891 187-9 Ext. 207 Fax. (038) 891 756  
**Sample Conditions** : 2403-WW0229 = yellow turbid/high black sediment/covered with oil slick/smell

**Report Date** : 19/03/24  
**Analysis Date** : 07-14/03/24  
**Job No.** : S670141/Mar  
**Sampling Date** : 07/03/24  
**Sampling By** : TET  
**Type of Sample** : Wastewater

Item	Parameter	Unit	Method	Result	Standard	Analysis Date
				คุณภาพน้ำทิ้งจาก ระบบบำบัดน้ำเสียสำเร็จรูป		
				2403-WW0229		
				บ่อตรวจสอบคุณภาพน้ำทิ้งที่ 1 (Inspection Manhole No. 1)		
1	pH	-	Electrometric Method (SM 4500 B)	7.00	5.5-9.0	07/03/24
2	SS	mg/L	Volumetric, Dried at 103-105 °C (SM 2540 F)	6.9	200	11/03/24
3	TDS	mg/L	Dried at 180 °C (SM 2540 C)	565	3,000	12/03/24
4	BOD	mg/L	5-Days BOD Test, Azide Modification Method (SM 5210 B)	38.0	500	08-13/03/24
5	COD	mg/L	Closed Reflux Titrimetric Method (SM 5220 C)	198	750	12/03/24
6	Oil & Grease	mg/L	Liquid-Liquid, Partition Gravimetric Method (SM 5520 B)	4.2	10	12/03/24
7	TKN	mg/L	Macro-Kjeldahl/Titrimetric Method (SM 4500-N <sub>org</sub> B&4500-NH <sub>3</sub> C)	24.34	100	12/03/24
8	Al	mg/L	Digestion, ICP-OES Method (SM 3030F and 3120B)	< 0.20	-	14/03/24

**Remarks** : บ่อตรวจสอบคุณภาพน้ำทิ้งที่ 1 (Inspection Manhole No. 1) = 47P 0731212 UTM 1438096  
: BOD มีค่าปริมาณต่ำสุดที่สามารถรายงานเป็นตัวเลขได้ = 2 mg/L  
: COD มีค่าปริมาณต่ำสุดที่สามารถรายงานเป็นตัวเลขได้ = 40 mg/L  
**Method** : SM = Standard Method for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24<sup>th</sup> Edition, 2023  
**Standard** : Standard of Central Wastewater Treatment in SIAM EASTERN INDUSTRIAL PARK., LTD (2010) (B.E. 2553)

Reviewed by

Ms. Wareerut Prachumdaeng  
Chief of Laboratory  
19, 03, 24



Approved by

Mrs. Pornpip Pethshee  
Laboratory Manager  
19, 03, 24

..... END OF REPORT .....

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## TEST REPORT

**Analysis No.** : R24-1279  
**Received Date** : 08/04/24  
**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** : 2404-WW0224 = yellow turbid/high black sediment/covered with oil slick/smell

**Report Date** : 19/04/24  
**Analysis Date** : 05-12/04/24  
**Job No.** : S670141/Apr  
**Sampling Date** : 05/04/24  
**Sampling By** : TET  
**Type of Sample** : Wastewater

Item	Parameter	Unit	Method	Result	Standard	Analysis Date
				คุณภาพน้ำทิ้งจาก		
				ระบบบำบัดน้ำเสียสำเร็จรูป		
				2404-WW0224		
				บ่อตรวจสอบคุณภาพน้ำทิ้งที่ 1 (Inspection Manhole No. 1)		
1	pH	-	Electrometric Method (SM 4500 B)	7.26	5.5-9.0	05/04/24
2	SS	mg/L	Volumetric, Dried at 103-105 °C (SM 2540 F)	15.4	200	11/04/24
3	TDS	mg/L	Dried at 180 °C (SM 2540 C)	738	3,000	09/04/24
4	BOD	mg/L	5-Days BOD Test, Azide Modification Method (SM 5210 B)	72.0	500	05-10/04/24
5	COD	mg/L	Closed Reflux Titrimetric Method (SM 5220 C)	241	750	11/04/24
6	Oil & Grease	mg/L	Liquid-Liquid, Partition Gravimetric Method (SM 5520 B)	8.4	10	10/04/24
7	TKN	mg/L	Macro-Kjeldahl/Titrimetric Method  (SM 4500-N <sub>org</sub> B&4500-NH <sub>3</sub> C)	38.45	100	11-12/04/24
8	Al	mg/L	Digestion, ICP-OES Method (SM 3030F and 3120B)	< 0.20	-	12/04/24

**Remarks** : บ่อตรวจสอบคุณภาพน้ำทิ้งที่ 1 (Inspection Manhole No. 1) = 47P 0731212 UTM 1438096  
: BOD มีค่าปริมาณต่ำสุดที่สามารถรายงานเป็นตัวเลขได้ = 2 mg/L  
: COD มีค่าปริมาณต่ำสุดที่สามารถรายงานเป็นตัวเลขได้ = 40 mg/L  
**Method** : SM = Standard Method for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24<sup>th</sup> Edition, 2023  
**Standard** : Standard of Central Wastewater Treatment in SIAM EASTERN INDUSTRIAL PARK., LTD (2010) (B.E. 2553)

Reviewed by

Ms. Wareerut Prachumdaeng  
Chief of Laboratory  
19.04.24



Approved by

Mrs. Pornpip Pethshee  
Laboratory Manager  
19.04.24

..... END OF REPORT .....

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## TEST REPORT

**Analysis No.** : R24-1584  
**Received Date** : 08/05/24  
**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, Mabyangporm,  
Pluakdaeng Rayong 21140  
**Contact** : Tel. (038) 891 187-9 Ext. 207 Fax. (038) 891 756  
**Sample Conditions** : 2405-WW0129 = yellow turbid/high black and white sediment/covered with oil slick/smell

**Report Date** : 27/05/24  
**Analysis Date** : 07-14/05/24  
**Job No.** : S670141/May  
**Sampling Date** : 07/05/24  
**Sampling By** : TET  
**Type of Sample** : Wastewater

Item	Parameter	Unit	Method	Result	Standard	Analysis Date
				คุณภาพน้ำทิ้งจาก		
				ระบบบำบัดน้ำเสียสำเร็จรูป		
				2405-WW0129		
				บ่อตรวจสอบคุณภาพน้ำทิ้งที่ 1		
				(Inspection Manhole No. 1)		
1	pH	-	Electrometric Method (SM 4500 B)	8.11	5.5-9.0	07/05/24
2	SS	mg/L	Volumetric, Dried at 103-105 °C (SM 2540 F)	16.7	200	13/05/24
3	TDS	mg/L	Dried at 180 °C (SM 2540 C)	442	3,000	09/05/24
4	BOD	mg/L	5-Days BOD Test, Azide Modification Method (SM 5210 B)	8.4	500	08-13/05/24
5	COD	mg/L	Closed Reflux Titrimetric Method (SM 5220 C)	71	750	10/05/24
6	Oil & Grease	mg/L	Liquid-Liquid, Partition Gravimetric Method (SM 5520 B)	2.9	10	14/05/24
7	TKN	mg/L	Macro-Kjeldahl/Titrimetric Method	24.97	100	13/05/24
			(SM 4500-N <sub>org</sub> B&4500-NH <sub>3</sub> C)			
8	Al	mg/L	Digestion, ICP-OES Method (SM 3030F and 3120B)	0.50	-	08/05/24

**Remarks** : บ่อตรวจสอบคุณภาพน้ำทิ้งที่ 1 (Inspection Manhole No. 1) = 47P 0731212 UTM 1438096  
: BOD มีค่าปริมาณต่ำสุดที่สามารถรายงานเป็นตัวเลขได้ = 2 mg/L  
: COD มีค่าปริมาณต่ำสุดที่สามารถรายงานเป็นตัวเลขได้ = 40 mg/L  
**Method** : SM = Standard Method for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24<sup>th</sup> Edition, 2023  
**Standard** : Standard of Central Wastewater Treatment in SIAM EASTERN INDUSTRIAL PARK., LTD (2010) (B.E. 2553)

Reviewed by

Ms. Wareerut Prachumdaeng

Chief of Laboratory

27.05.24



Approved by

Mrs. Pornpip Pethshee

Laboratory Manager

27.05.24

..... END OF REPORT .....

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## TEST REPORT

Analysis No. : R24-1916  
Received Date : 05/06/24  
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 : 2406-WW0023 = yellow turbid/slight black sediment/smell

Report Date : 14/06/24  
Analysis Date : 04-10/06/24  
Job No. : S670141/June  
Sampling Date : 04/06/24  
Sampling By : TET  
Type of Sample : Wastewater

Item	Parameter	Unit	Method	Result	Standard	Analysis Date
				คุณภาพน้ำทิ้งจาก		
				ระบบบำบัดน้ำเสียสำเร็จรูป		
				2406-WW0023		
				บ่อตรวจสอบคุณภาพน้ำทิ้งที่ 1		
				(Inspection Manhole No. 1)		
1	pH	-	Electrometric Method (SM 4500 B)	7.32	5.5-9.0	04/06/24
2	SS	mg/L	Volumetric, Dried at 103-105 °C (SM 2540 F)	9.8	200	07/06/24
3	TDS	mg/L	Dried at 180 °C (SM 2540 C)	418	3,000	06/06/24
4	BOD	mg/L	5-Days BOD Test, Azide Modification Method (SM 5210 B)	39.5	500	05-10/06/24
5	COD	mg/L	Closed Reflux Titrimetric Method (SM 5220 C)	143	750	05/06/24
6	Oil & Grease	mg/L	Liquid-Liquid, Partition Gravimetric Method (SM 5520 B)	3.4	10	07/06/24
7	TKN	mg/L	Macro-Kjeldahl/Titrimetric Method	40.18	100	06/06/24
			(SM 4500-N <sub>org</sub> B&4500-NH <sub>3</sub> C)			
8	Al	mg/L	Digestion, ICP-OES Method (SM 3030F and 3120B)	0.36	-	06/06/24

Remarks : บ่อตรวจสอบคุณภาพน้ำทิ้งที่ 1 (Inspection Manhole No. 1) = 47P 0731212 UTM 1438096  
: BOD มีค่าปริมาณค่าสุดท้ายที่สามารถรายงานเป็นตัวเลขได้ = 2 mg/L  
: COD มีค่าปริมาณค่าสุดท้ายที่สามารถรายงานเป็นตัวเลขได้ = 40 mg/L  
Method : SM = Standard Method for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24<sup>th</sup> Edition, 2023  
Standard : Standard of Central Wastewater Treatment in SIAM EASTERN INDUSTRIAL PARK., LTD (2010) (B.E. 2553)

Reviewed by

Ms. Wareerut Prachumdaeng

Chief of Laboratory

14/06/24



Approved by

Mrs. Pornpip Pethshee

Laboratory Manager

14/06/24

END OF REPORT

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

Analysis No. : R24-1674

Received Date: 14/05/24

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 : 27/05/24

Analysis Date : 16/05/24

Job No. : S670141/May/Occ

Sampling By : TET

Type of Sample : Working Area

Sample No.	Sampling point	Parameter	Unit	Sampling Date	Result	Standard <sup>(1)</sup>	Analysis Date
2405-AW0382	บริเวณเตาหลอมอะลูมิเนียม - Area	Aluminium Dust	mg/m <sup>3</sup>	13/05/24	< 0.04	15	16/05/24
		(Inhalable Dust)					
		Aluminium Dust	mg/m <sup>3</sup>	13/05/24	< 0.04	5	16/05/24
		(Respirable Dust)					
		Hydrogen Chloride	ppm	13/05/24	< 0.007	5 *	16/05/24
2405-AW0383	บริเวณหน่วยผลิตชิ้นส่วนประกอบผลิตภัณฑ์ - Area	Hydrogen Fluoride	ppm	13/05/24	< 0.012	3	16/05/24
		Aluminium Dust	mg/m <sup>3</sup>	13/05/24	< 0.04	15	16/05/24
		(Inhalable Dust)					
		Aluminium Dust	mg/m <sup>3</sup>	13/05/24	< 0.04	5	16/05/24
		(Respirable Dust)					
2405-AW0384	พนักงานที่ปฏิบัติงานบริเวณเตาหลอมอะลูมิเนียม - Person	Hydrogen Chloride	ppm	13/05/24	< 0.007	5 *	16/05/24
		Hydrogen Fluoride	ppm	13/05/24	< 0.012	3	16/05/24
		Aluminium Dust	mg/m <sup>3</sup>	13/05/24	< 0.04	15	16/05/24
		(Inhalable Dust)					
		Aluminium Dust	mg/m <sup>3</sup>	13/05/24	< 0.04	5	16/05/24
		(Respirable Dust)					
		Hydrogen Chloride	ppm	13/05/24	< 0.007	5 *	16/05/24
		Hydrogen Fluoride	ppm	13/05/24	< 0.012	3	16/05/24

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  
27/05/24



Approved by

Mrs. Pornpip Pethshee

Laboratory Manager  
27/05/24

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## TEST REPORT

Analysis No. : R24-1674

Report Date : 27/05/24

Received Date: 14/05/24

Analysis Date : 16/05/24

Customer : Technical Division of Thai Environmental Technic Limited

Job No. : S670141/May/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 <sup>(1)</sup>	Analysis Date
2405-AW0385	พนักงานที่ปฏิบัติงานบริเวณหน่วยผลิตชิ้นส่วนประกอบผลิตภัณฑ์ - Person	Aluminium Dust	mg/m <sup>3</sup>	13/05/24	< 0.04	15	16/05/24
		(Inhalable Dust)					
		Aluminium Dust	mg/m <sup>3</sup>	13/05/24	< 0.04	5	16/05/24
		(Respirable Dust)					
		Hydrogen Chloride	ppm	13/05/24	< 0.007	5 *	16/05/24
		Hydrogen Fluoride	ppm	13/05/24	< 0.012	3	16/05/24

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

22, 05, 24



Approved by

Mrs. Porntip Pethshee

Laboratory Manager

27, 05, 24

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## TEST REPORT

Analysis No. : R24-1674

Report Date : 27/05/24

Received Date: 14/05/24

Analysis Date : 13-15/05/24

Customer : Technical Division of Thai Environmental Technic Limited

Job No. : S670141/May/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
2405-AW0386	บริเวณหน่วยคัดแต่งชิ้นงาน	Oil Mist	mg/m <sup>3</sup>	13/05/24	< 0.1	5	13-15/05/24
2405-AW0387	บริเวณแผนกชักคลึงชิ้นงาน	Oil Mist	mg/m <sup>3</sup>	13/05/24	< 0.1	5	13-15/05/24
2405-AW0388	พนักงานที่ปฏิบัติงานบริเวณแผนกทำความสะอาดชิ้นงาน	Oil Mist	mg/m <sup>3</sup>	13/05/24	< 0.1	5	13-15/05/24

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

27.05.24



Approved by

Mrs. Pornpip Pethshee

Laboratory Manager

27.05.24

..... END OF REPORT .....

- REPORTED RESULTS REFER TO SUBMITTED SAMPLE(S) ONLY
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Thai Environmental Technic Limited  
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

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

## TEST REPORT

Customer Name : Yamada Somboon Co., Ltd.

Report No. : 1674/2024/1-5

Project : โครงการโรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)

Report Date : May 21, 2024

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 : May 13, 2024

Type of Sample: Sound Level

Job No. : S670141/May/Occ

Item	Sampling Time	Result (dB(A))			
		หน้าเตาหลอมอะลูมิเนียม		บริเวณหน่วยตกแต่งชิ้นงาน	
		13/05/24		13/05/24	
		Leq 1 hr.	Lmax	Leq 1 hr.	Lmax
1.	09:00-10:00	76.3	89.4	76.8	92.0
2.	10:00-11:00	77.4	90.7	75.1	84.0
3.	11:00-12:00	78.5	92.5	78.6	94.9
4.	12:00-13:00	74.8	89.2	75.4	88.1
5.	13:00-14:00	77.0	89.8	75.8	86.8
6.	14:00-15:00	76.3	90.3	74.9	88.5
7.	15:00-16:00	77.7	90.2	76.0	89.7
8.	16:00-17:00	76.0	88.8	76.7	86.6
Leq 8 hr		76.9	-	76.3	-
Lmax		-	92.5	-	94.9
Standard		90	140	90	140

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

Pramual M.

Pramual Moonsarn



Suphakchaya Y.

Suphakchaya Yoonim

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## TEST REPORT

Customer Name : Yamada Somboon Co., Ltd.

Report No. : 1674/2024/2-5

Project : โครงการโรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)

Report Date : May 21, 2024

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 : May 13, 2024

Type of Sample: Sound Level

Job No. : S670141/May/Occ

Item	Sampling Time	Result (dB(A))			
		บริเวณหน่วยผลิตชิ้นส่วนประกอบผลิตภัณฑ์		บริเวณหน่วยประกอบชิ้นงาน	
		13/05/24		13/05/24	
		Leq 1 hr.	Lmax	Leq 1 hr.	Lmax
1.	09:00-10:00	76.0	89.1	74.6	86.3
2.	10:00-11:00	75.9	87.8	74.6	89.2
3.	11:00-12:00	76.3	86.8	75.1	90.6
4.	12:00-13:00	72.5	84.2	71.9	84.6
5.	13:00-14:00	75.8	88.1	73.7	89.7
6.	14:00-15:00	75.2	92.6	70.1	88.3
7.	15:00-16:00	74.8	88.2	65.4	83.5
8.	16:00-17:00	76.3	90.2	71.8	97.2
Leq 8 hr		75.5	-	73.0	-
Lmax		-	92.6	-	97.2
Standard		90	140	90	140

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

Pramual M.

Pramual Moonsarn



Suphakchaya Y.

Suphakchaya Yoonim

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**TET**

Thai Environmental Technic Limited  
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

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

### TEST REPORT

Customer Name : Yamada Somboon Co., Ltd. Report No. : 1674/2024/3-5  
Project : โครงการโรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3) Report Date : May 21, 2024  
Address : Siam Eastern Industrial Park 60/4, 42/12 Moo 3, Sampling Date : May 13, 2024  
Mabyangporn, Pluakdaeng Rayong 21140 Type of Sample: Noise Dose  
T. (038) 891 187-9 Ext. 207 F. (038) 891 756  
Job No. : S670141/May/Occ

Item	Description	Unit	Result		Standard
			พนักงานที่ปฏิบัติงาน หน้าเตาหลอมอะลูมิเนียม	พนักงานที่ปฏิบัติงานบริเวณ หน่วยตกแต่งชิ้นงาน	
1.	Sampling Date	-	13/05/24	13/05/24	-
2.	TWA	dB(A)	79.4	79.9	85 <sup>(1)</sup>
3.	Lmax	dB(A)	87.1	96.2	115 <sup>(2)</sup>
4.	Dose	%	27.7	36.2	100 <sup>(3)</sup>

Standard: <sup>(1)</sup> Notification of the Department of Labour Protection and Welfare (2018)(B.E. 2561)  
<sup>(2)</sup> Ministry of Labour's Regulation (2016) (B.E. 2559)  
<sup>(3)</sup> American Conference of Governmental Industrial Hygienists; ACGIH

*Pramual M.*  
Pramual Moonsarn



*Suphakchaya Y.*  
Suphakchaya Yoonim

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### TEST REPORT

Customer Name : Yamada Somboon Co., Ltd. Report No. : 1674/2024/4-5  
Project : โครงการโรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3) Report Date : May 21, 2024  
Address : Siam Eastern Industrial Park 60/4, 42/12 Moo 3, Sampling Date : May 13, 2024  
Mabyangporn, Pluakdaeng Rayong 21140 Type of Sample: Noise Dose  
T. (038) 891 187-9 Ext. 207 F. (038) 891 756  
Job No. : S670141/May/Occ

Item	Description	Unit	Result		Standard
			พนักงานที่ปฏิบัติงาน บริเวณหน่วยผลิตชิ้นส่วน ประกอบผลิตภัณฑ์	พนักงานที่ปฏิบัติงาน บริเวณหน่วยประกอบชิ้นงาน	
1.	Sampling Date	-	13/05/24	13/05/24	-
2.	TWA	dB(A)	81.8	80.8	85 <sup>(1)</sup>
3.	Lmax	dB(A)	94.8	96.3	115 <sup>(2)</sup>
4.	Dose	%	48.4	31.6	100 <sup>(3)</sup>

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

<sup>(2)</sup> Ministry of Labour's Regulation (2016) (B.E. 2559)

<sup>(3)</sup> American Conference of Governmental Industrial Hygienists; ACGIH

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Suphakchaya Y.

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## TEST REPORT

Customer Name : Yamada Somboon Co., Ltd.

Report No. : 1674/2024/5-5

Project : โครงการโรงงานผลิตชิ้นส่วนยานยนต์ (ครั้งที่ 3)

Report Date : May 21, 2024

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

Sampling Date : May 13, 2024

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

Type of Sample: Heat

Job No. : S670141/May/Occ

Item	Description	Sampling Date	Sampling Time	Result (°C)				
				NWB	DB	GT	WBGT	WBGT Average
1.	หน้าเตาหลอมอะลูมิเนียม	13/05/24	10.00-12.00	28.9	34.2	35.6	30.9	30.6
	- นำอะลูมิเนียมเข้าเตาหลอมและเดินตรวจเช็คหน้าเตาหลอม (60 นาที)			28.4	34.0	35.0	30.4	
Standard <sup>(1)(2)</sup>				-	-	-	-	32.0

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

<sup>(2)</sup> 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 = 
$$\frac{(WBGT_1 \times t_1) + (WBGT_2 \times t_2) + \dots + (WBGT_n \times t_n)}{t_1 + t_2 + \dots + t_n}$$

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