

ภาคผนวก ค

ใบรับรองผลการตรวจวิเคราะห์

ภาคผนวก ค-1

คุณภาพอากาศในบรรยากาศ



Analysis / Test Report

Client : Bridgestone Metalpha (Thailand) Co., Ltd.
29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol
Pluakdaeng, Amphur Pluakdaeng, Rayong Thailand 21140

P/O : 4700062868

Project Name : EIA Monitoring

Project Location :

Lot ID: 2576796

Date Received : Sep 09, 2025

Date Reported : Sep 15, 2025

Report Number: 3384536-1

Page 1 of 1

Sample Description Air Quality
Location บ้านวังตาฝัน (A4) (GPS 47P 0736358, 1436606)
Parameter Nitrogen dioxide (ppm)
Measurement Date Aug 29, 2025 - Sep 05, 2025
Measurement by Sitpawit Suwannarat

Time	2576796-22 Aug 29, 2025	2576796-23 Aug 30, 2025	2576796-24 Aug 31, 2025	2576796-25 Sep 01, 2025	2576796-26 Sep 02, 2025	2576796-27 Sep 03, 2025	2576796-28 Sep 04, 2025
09:00 AM - 10:00 AM	0.0198	0.0046	0.0075	0.0090	0.0034	0.0066	0.0082
10:00 AM - 11:00 AM	0.0164	0.0050	0.0092	0.0084	0.0018	0.0050	0.0154
11:00 AM - 12:00 PM	0.0026	0.0105	0.0144	0.0113	0.0022	0.0108	0.0248
12:00 PM - 01:00 PM	0.0011	0.0117	0.0173	0.0151	0.0047	0.0095	0.0158
01:00 PM - 02:00 PM	0.0025	0.0041	0.0191	0.0121	0.0077	0.0171	0.0131
02:00 PM - 03:00 PM	0.0057	0.0033	0.0155	0.0245	0.0178	0.0195	0.0104
03:00 PM - 04:00 PM	0.0035	0.0059	0.0155	0.0181	0.0225	0.0188	0.0173
04:00 PM - 05:00 PM	0.0057	0.0072	0.0043	0.0088	0.0183	0.0161	0.0190
05:00 PM - 06:00 PM	0.0064	0.0065	0.0053	0.0081	0.0150	0.0111	0.0144
06:00 PM - 07:00 PM	0.0116	0.0049	0.0035	0.0081	0.0060	0.0066	0.0082
07:00 PM - 08:00 PM	0.0046	0.0068	0.0033	0.0047	0.0067	0.0058	0.0040
08:00 PM - 09:00 PM	0.0050	0.0069	0.0043	0.0049	0.0036	0.0079	0.0077
09:00 PM - 10:00 PM	0.0061	0.0088	0.0029	0.0051	0.0020	0.0052	0.0109
10:00 PM - 11:00 PM	0.0040	0.0055	0.0012	0.0062	0.0028	0.0045	0.0058
11:00 PM - 12:00 AM	0.0005	0.0063	0.0033	0.0043	0.0019	0.0001	0.0049
12:00 AM - 01:00 AM	0.0025	0.0091	0.0024	0.0031	0.0060	0.0046	0.0033
01:00 AM - 02:00 AM	0.0057	0.0079	0.0016	0.0047	0.0013	0.0076	0.0056
02:00 AM - 03:00 AM	0.0026	0.0035	0.0027	0.0044	0.0013	0.0047	0.0062
03:00 AM - 04:00 AM	0.0018	0.0023	0.0035	0.0028	0.0047	0.0040	0.0078
04:00 AM - 05:00 AM	0.0009	0.0064	0.0047	0.0015	0.0022	0.0079	0.0051
05:00 AM - 06:00 AM	0.0008	0.0069	0.0024	0.0019	0.0022	0.0041	0.0060
06:00 AM - 07:00 AM	0.0055	0.0015	0.0032	0.0019	0.0044	0.0031	0.0198
07:00 AM - 08:00 AM	0.0032	0.0015	0.0027	0.0024	0.0029	0.0065	0.0191
08:00 AM - 09:00 AM	0.0032	0.0019	0.0023	0.0020	0.0027	0.0079	0.0183
Average	0.0051	0.0058	0.0063	0.0072	0.0060	0.0081	0.0113
1hr - Maximum	0.0198	0.0117	0.0191	0.0245	0.0225	0.0195	0.0248
Standard 1hr - Average	0.170	0.170	0.170	0.170	0.170	0.170	0.170

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

Reference Method : U.S. Environmental Protection Agency Method Part 50 App. F (Chemiluminescence)

Results apply to the sample(s) as submitted, unless the sampling was conducted by
ALS. The report shall not be reproduced except in full without the written approval
of the laboratory.

Approved by

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Analysis / Test Report

Client : Bridgestone Metalpha (Thailand) Co., Ltd.

29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol
Pluakdaeng, Amphur Pluakdaeng, Rayong Thailand 21140

P/O : 4700062868

Project Name : EIA Monitoring

Project Location :

Lot ID: 2576796

Date Received : Sep 09, 2025

Date Reported : Sep 15, 2025

Report Number: 3404260-1

Page 1 of 1

Sample Description Air Quality
Location พื้นที่โครงการ (A1) (GPS 47P 0734750, 1438286)
Parameter Nitrogen dioxide (ppm)
Measurement Date Aug 29, 2025 - Sep 05, 2025
Measurement by Sitpawit Suwannarat

	2576796-1	2576796-2	2576796-3	2576796-4	2576796-5	2576796-6	2576796-7
Time	Aug 29, 2025	Aug 30, 2025	Aug 31, 2025	Sep 01, 2025	Sep 02, 2025	Sep 03, 2025	Sep 04, 2025
10:00 AM - 11:00 AM	0.0055	0.0043	0.0016	0.0032	0.0063	0.0054	0.0076
11:00 AM - 12:00 PM	0.0050	0.0051	0.0018	0.0043	0.0070	0.0049	0.0109
12:00 PM - 01:00 PM	0.0060	0.0063	0.0020	0.0030	0.0096	0.0068	0.0087
01:00 PM - 02:00 PM	0.0078	0.0063	0.0018	0.0067	0.0079	0.0102	0.0094
02:00 PM - 03:00 PM	0.0084	0.0052	0.0027	0.0102	0.0111	0.0097	0.0104
03:00 PM - 04:00 PM	0.0095	0.0083	0.0028	0.0150	0.0105	0.0075	0.0095
04:00 PM - 05:00 PM	0.0096	0.0148	0.0028	0.0116	0.0122	0.0088	0.0109
05:00 PM - 06:00 PM	0.0098	0.0179	0.0042	0.0095	0.0132	0.0095	0.0122
06:00 PM - 07:00 PM	0.0111	0.0122	0.0041	0.0079	0.0118	0.0084	0.0125
07:00 PM - 08:00 PM	0.0118	0.0098	0.0036	0.0111	0.0114	0.0092	0.0108
08:00 PM - 09:00 PM	0.0114	0.0094	0.0035	0.0079	0.0113	0.0082	0.0100
09:00 PM - 10:00 PM	0.0099	0.0063	0.0082	0.0071	0.0110	0.0064	0.0100
10:00 PM - 11:00 PM	0.0075	0.0051	0.0088	0.0032	0.0079	0.0064	0.0096
11:00 PM - 12:00 AM	0.0080	0.0028	0.0058	0.0036	0.0073	0.0081	0.0114
12:00 AM - 01:00 AM	0.0092	0.0036	0.0027	0.0061	0.0080	0.0083	0.0106
01:00 AM - 02:00 AM	0.0080	0.0036	0.0032	0.0056	0.0078	0.0074	0.0116
02:00 AM - 03:00 AM	0.0088	0.0031	0.0024	0.0055	0.0088	0.0082	0.0093
03:00 AM - 04:00 AM	0.0091	0.0043	0.0056	0.0087	0.0080	0.0095	0.0086
04:00 AM - 05:00 AM	0.0107	0.0052	0.0085	0.0106	0.0098	0.0092	0.0084
05:00 AM - 06:00 AM	0.0104	0.0044	0.0094	0.0082	0.0129	0.0104	0.0105
06:00 AM - 07:00 AM	0.0098	0.0038	0.0045	0.0046	0.0101	0.0083	0.0104
07:00 AM - 08:00 AM	0.0064	0.0020	0.0047	0.0047	0.0041	0.0096	0.0079
08:00 AM - 09:00 AM	0.0054	0.0017	0.0036	0.0055	0.0031	0.0098	0.0075
09:00 AM - 10:00 AM	0.0047	0.0017	0.0038	0.0063	0.0022	0.0085	0.0073
Average	0.0085	0.0061	0.0043	0.0071	0.0089	0.0083	0.0098
1hr - Maximum	0.0118	0.0179	0.0094	0.0150	0.0132	0.0104	0.0125
Standard 1hr - Average	0.170	0.170	0.170	0.170	0.170	0.170	0.170

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

Reference Method : U.S. Environmental Protection Agency Method Part 50 App. F (Chemiluminescence)

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Analysis / Test Report

Client : Bridgestone Metalpha (Thailand) Co., Ltd.
29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol
Pluakdaeng, Amphur Pluakdaeng, Rayong Thailand 21140

P/O : 4700062868

Project Name : EIA Monitoring

Project Location :

Lot ID: 2576796

Date Received : Sep 09, 2025

Date Reported : Sep 15, 2025

Report Number: 3404262-1

Page 1 of 1

Sample Description	Air Quality						
Location	ชุมชนด้านทิศใต้ของโครงการ (ระยะห่างประมาณ 250 เมตร) (A2) (GPS 47P 0734475, 1437959)						
Parameter	Nitrogen dioxide (ppm)						
Measurement Date	Aug 29, 2025 - Sep 05, 2025						
Measurement by	Sitpawit Suwannarat						
	2576796-8	2576796-9	2576796-10	2576796-11	2576796-12	2576796-13	2576796-14
Time	Aug 29, 2025	Aug 30, 2025	Aug 31, 2025	Sep 01, 2025	Sep 02, 2025	Sep 03, 2025	Sep 04, 2025
11:00 AM - 12:00 PM	0.0001	0.0057	0.0014	0.0009	0.0018	0.0015	0.0127
12:00 PM - 01:00 PM	0.0025	0.0086	0.0005	0.0010	0.0011	0.0006	0.0193
01:00 PM - 02:00 PM	0.0022	0.0064	0.0006	0.0011	0.0014	0.0018	0.0175
02:00 PM - 03:00 PM	0.0021	0.0059	0.0006	0.0043	0.0013	0.0025	0.0208
03:00 PM - 04:00 PM	0.0065	0.0115	0.0063	0.0045	0.0036	0.0081	0.0197
04:00 PM - 05:00 PM	0.0029	0.0105	0.0080	0.0091	0.0078	0.0074	0.0166
05:00 PM - 06:00 PM	0.0024	0.0089	0.0131	0.0131	0.0042	0.0051	0.0146
06:00 PM - 07:00 PM	0.0057	0.0072	0.0141	0.0135	0.0051	0.0072	0.0061
07:00 PM - 08:00 PM	0.0035	0.0063	0.0119	0.0100	0.0071	0.0070	0.0059
08:00 PM - 09:00 PM	0.0057	0.0104	0.0149	0.0044	0.0083	0.0084	0.0114
09:00 PM - 10:00 PM	0.0064	0.0146	0.0174	0.0056	0.0066	0.0090	0.0071
10:00 PM - 11:00 PM	0.0065	0.0112	0.0170	0.0097	0.0060	0.0091	0.0073
11:00 PM - 12:00 AM	0.0041	0.0065	0.0140	0.0074	0.0076	0.0087	0.0085
12:00 AM - 01:00 AM	0.0061	0.0047	0.0106	0.0051	0.0074	0.0087	0.0084
01:00 AM - 02:00 AM	0.0033	0.0051	0.0083	0.0053	0.0075	0.0075	0.0074
02:00 AM - 03:00 AM	0.0030	0.0058	0.0077	0.0045	0.0061	0.0081	0.0066
03:00 AM - 04:00 AM	0.0027	0.0046	0.0054	0.0053	0.0044	0.0077	0.0073
04:00 AM - 05:00 AM	0.0025	0.0035	0.0056	0.0049	0.0043	0.0080	0.0065
05:00 AM - 06:00 AM	0.0022	0.0026	0.0057	0.0066	0.0032	0.0070	0.0060
06:00 AM - 07:00 AM	0.0040	0.0062	0.0051	0.0061	0.0027	0.0093	0.0076
07:00 AM - 08:00 AM	0.0057	0.0098	0.0081	0.0058	0.0048	0.0070	0.0107
08:00 AM - 09:00 AM	0.0059	0.0084	0.0074	0.0061	0.0051	0.0099	0.0097
09:00 AM - 10:00 AM	0.0040	0.0040	0.0060	0.0041	0.0042	0.0064	0.0064
10:00 AM - 11:00 AM	0.0033	0.0244	0.0019	0.0083	0.0108	0.0068	0.0063
Average	0.0039	0.0080	0.0080	0.0061	0.0051	0.0068	0.0104
1hr - Maximum	0.0065	0.0244	0.0174	0.0135	0.0108	0.0099	0.0208
Standard 1hr - Average	0.170	0.170	0.170	0.170	0.170	0.170	0.170

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

Reference Method : U.S. Environmental Protection Agency Method Part 50 App. F (Chemiluminescence)

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Approved by

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Analysis / Test Report

Client : Bridgestone Metalpha (Thailand) Co., Ltd.
29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol
Pluakdaeng, Amphur Pluakdaeng, Rayong Thailand 21140

P/O : 4700062868

Project Name : EIA Monitoring

Project Location :

Lot ID: 2576796

Date Received : Sep 09, 2025

Date Reported : Sep 15, 2025

Report Number: 3404263-1

Page 1 of 1

Sample Description Air Quality
Location รพ.สต.บ้านนาบยางพร (A3) (GPS 47P 0731397, 1436974)
Parameter Nitrogen dioxide (ppm)
Measurement Date Aug 29, 2025 - Sep 05, 2025
Measurement by Sitpawit Suwannarat

Time	2576796-15 Aug 29, 2025	2576796-16 Aug 30, 2025	2576796-17 Aug 31, 2025	2576796-18 Sep 01, 2025	2576796-19 Sep 02, 2025	2576796-20 Sep 03, 2025	2576796-21 Sep 04, 2025
12:00 PM - 01:00 PM	0.0102	0.0043	0.0031	0.0047	0.0043	0.0015	0.0064
01:00 PM - 02:00 PM	0.0107	0.0044	0.0042	0.0038	0.0042	0.0016	0.0068
02:00 PM - 03:00 PM	0.0113	0.0056	0.0074	0.0031	0.0050	0.0024	0.0060
03:00 PM - 04:00 PM	0.0111	0.0099	0.0043	0.0061	0.0111	0.0045	0.0178
04:00 PM - 05:00 PM	0.0092	0.0053	0.0041	0.0044	0.0351	0.0219	0.0248
05:00 PM - 06:00 PM	0.0096	0.0047	0.0039	0.0041	0.0196	0.0239	0.0109
06:00 PM - 07:00 PM	0.0084	0.0057	0.0012	0.0067	0.0188	0.0273	0.0070
07:00 PM - 08:00 PM	0.0102	0.0093	0.0027	0.0095	0.0231	0.0211	0.0116
08:00 PM - 09:00 PM	0.0085	0.0105	0.0031	0.0094	0.0207	0.0147	0.0085
09:00 PM - 10:00 PM	0.0083	0.0102	0.0038	0.0085	0.0256	0.0154	0.0095
10:00 PM - 11:00 PM	0.0066	0.0086	0.0033	0.0069	0.0241	0.0118	0.0136
11:00 PM - 12:00 AM	0.0068	0.0063	0.0026	0.0061	0.0158	0.0039	0.0161
12:00 AM - 01:00 AM	0.0069	0.0062	0.0025	0.0046	0.0155	0.0037	0.0107
01:00 AM - 02:00 AM	0.0068	0.0059	0.0026	0.0033	0.0137	0.0032	0.0077
02:00 AM - 03:00 AM	0.0067	0.0052	0.0028	0.0034	0.0148	0.0033	0.0146
03:00 AM - 04:00 AM	0.0064	0.0047	0.0022	0.0025	0.0188	0.0050	0.0110
04:00 AM - 05:00 AM	0.0055	0.0046	0.0019	0.0023	0.0139	0.0036	0.0195
05:00 AM - 06:00 AM	0.0052	0.0044	0.0012	0.0033	0.0166	0.0045	0.0108
06:00 AM - 07:00 AM	0.0059	0.0040	0.0012	0.0024	0.0312	0.0043	0.0226
07:00 AM - 08:00 AM	0.0061	0.0045	0.0013	0.0017	0.0271	0.0041	0.0197
08:00 AM - 09:00 AM	0.0065	0.0048	0.0009	0.0022	0.0182	0.0040	0.0134
09:00 AM - 10:00 AM	0.0074	0.0064	0.0009	0.0035	0.0087	0.0014	0.0083
10:00 AM - 11:00 AM	0.0077	0.0065	0.0147	0.0034	0.0026	0.0023	0.0112
11:00 AM - 12:00 PM	0.0055	0.0039	0.0075	0.0022	0.0017	0.0071	0.0118
Average	0.0078	0.0061	0.0035	0.0045	0.0163	0.0082	0.0125
1hr - Maximum	0.0113	0.0105	0.0147	0.0095	0.0351	0.0273	0.0248
Standard 1hr - Average	0.170	0.170	0.170	0.170	0.170	0.170	0.170

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

Reference Method : U.S. Environmental Protection Agency Method Part 50 App. F (Chemiluminescence)

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Pluakdaeng, Amphur Pluakdaeng, Rayong Thailand 21140

P/O : 4700062868

Project Name : EIA Monitoring

Project Location :

Lot ID: 2576800

Date Received : Sep 09, 2025

Date Reported : Sep 15, 2025

Report Number: 3384539-1

Page 1 of 1

Sample Description Air Quality
Location บ้านวังตาฝัน (A4) (GPS 47P 0736358, 1436606)
Parameter Sulfur Dioxide (ppm)
Measurement Date Aug 29, 2025 - Sep 05, 2025
Measurement by Sitpawit Suwannarat

	2576800-22	2576800-23	2576800-24	2576800-25	2576800-26	2576800-27	2576800-28
Time	Aug 29, 2025	Aug 30, 2025	Aug 31, 2025	Sep 01, 2025	Sep 02, 2025	Sep 03, 2025	Sep 04, 2025
09:00 AM - 10:00 AM	0.0073	0.0096	0.0091	0.0093	0.0093	0.0089	0.0088
10:00 AM - 11:00 AM	0.0096	0.0097	0.0093	0.0092	0.0086	0.0091	0.0089
11:00 AM - 12:00 PM	0.0098	0.0097	0.0097	0.0089	0.0086	0.0090	0.0087
12:00 PM - 01:00 PM	0.0095	0.0096	0.0097	0.0089	0.0082	0.0092	0.0086
01:00 PM - 02:00 PM	0.0096	0.0095	0.0093	0.0091	0.0083	0.0088	0.0085
02:00 PM - 03:00 PM	0.0100	0.0097	0.0091	0.0090	0.0083	0.0084	0.0091
03:00 PM - 04:00 PM	0.0118	0.0095	0.0089	0.0086	0.0085	0.0083	0.0087
04:00 PM - 05:00 PM	0.0097	0.0090	0.0088	0.0080	0.0084	0.0086	0.0085
05:00 PM - 06:00 PM	0.0096	0.0091	0.0087	0.0084	0.0087	0.0086	0.0083
06:00 PM - 07:00 PM	0.0093	0.0090	0.0086	0.0083	0.0083	0.0087	0.0084
07:00 PM - 08:00 PM	0.0092	0.0090	0.0086	0.0083	0.0083	0.0081	0.0085
08:00 PM - 09:00 PM	0.0088	0.0088	0.0089	0.0084	0.0084	0.0081	0.0084
09:00 PM - 10:00 PM	0.0088	0.0090	0.0086	0.0085	0.0086	0.0083	0.0083
10:00 PM - 11:00 PM	0.0089	0.0089	0.0085	0.0084	0.0084	0.0082	0.0084
11:00 PM - 12:00 AM	0.0088	0.0086	0.0088	0.0087	0.0084	0.0083	0.0085
12:00 AM - 01:00 AM	0.0091	0.0088	0.0086	0.0083	0.0083	0.0084	0.0086
01:00 AM - 02:00 AM	0.0088	0.0088	0.0088	0.0083	0.0084	0.0083	0.0083
02:00 AM - 03:00 AM	0.0090	0.0087	0.0086	0.0083	0.0090	0.0081	0.0083
03:00 AM - 04:00 AM	0.0088	0.0089	0.0088	0.0084	0.0086	0.0086	0.0083
04:00 AM - 05:00 AM	0.0089	0.0087	0.0086	0.0086	0.0082	0.0085	0.0081
05:00 AM - 06:00 AM	0.0093	0.0090	0.0089	0.0083	0.0085	0.0083	0.0082
06:00 AM - 07:00 AM	0.0090	0.0088	0.0084	0.0084	0.0087	0.0083	0.0082
07:00 AM - 08:00 AM	0.0089	0.0086	0.0085	0.0085	0.0086	0.0085	0.0081
08:00 AM - 09:00 AM	0.0094	0.0088	0.0090	0.0089	0.0089	0.0084	0.0088
Average	0.0092	0.0091	0.0089	0.0086	0.0085	0.0085	0.0085
1hr - Maximum	0.0118	0.0097	0.0097	0.0093	0.0093	0.0092	0.0091
Standard 1hr - Average	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Standard 24 hrs - Average	0.12	0.12	0.12	0.12	0.12	0.12	0.12

Standard : Notification of the National Environment Board No.10, 1995 (B.E.2538), No. 21, 2001 (B.E.2544) and No.24, 2004 (B.E.2547).

Reference Method : U.S. Environmental Protection Agency, EPA Method Part 53 and 58

Approved by

Saranya C.

Saranya Chalermthamrong

Scientist (4)

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of the laboratory.



Analysis / Test Report

Client : Bridgestone Metalpha (Thailand) Co., Ltd.
29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol
Pluakdaeng, Amphur Pluakdaeng, Rayong Thailand 21140

P/O : 4700062868

Project Name : EIA Monitoring

Project Location :

Lot ID: 2576800

Date Received : Sep 09, 2025

Date Reported : Sep 15, 2025

Report Number: 3404264-1

Page 1 of 1

Sample Description Air Quality
Location พื้นที่โครงการ (A1) (GPS 47P 0734750, 1438286)
Parameter Sulfur Dioxide (ppm)
Measurement Date Aug 29, 2025 - Sep 05, 2025
Measurement by Sitpawit Suwannarat

	2576800-1	2576800-2	2576800-3	2576800-4	2576800-5	2576800-6	2576800-7
Time	Aug 29, 2025	Aug 30, 2025	Aug 31, 2025	Sep 01, 2025	Sep 02, 2025	Sep 03, 2025	Sep 04, 2025
10:00 AM - 11:00 AM	0.0008	0.0007	0.0008	0.0008	0.0009	0.0010	0.0010
11:00 AM - 12:00 PM	0.0031	0.0008	0.0009	0.0008	0.0008	0.0010	0.0011
12:00 PM - 01:00 PM	0.0018	0.0009	0.0009	0.0008	0.0009	0.0010	0.0011
01:00 PM - 02:00 PM	0.0015	0.0008	0.0009	0.0009	0.0009	0.0011	0.0008
02:00 PM - 03:00 PM	0.0012	0.0009	0.0010	0.0009	0.0010	0.0010	0.0009
03:00 PM - 04:00 PM	0.0011	0.0009	0.0010	0.0009	0.0011	0.0011	0.0011
04:00 PM - 05:00 PM	0.0011	0.0009	0.0010	0.0009	0.0011	0.0011	0.0009
05:00 PM - 06:00 PM	0.0010	0.0008	0.0010	0.0010	0.0011	0.0012	0.0010
06:00 PM - 07:00 PM	0.0009	0.0008	0.0010	0.0011	0.0010	0.0012	0.0011
07:00 PM - 08:00 PM	0.0008	0.0008	0.0009	0.0010	0.0011	0.0012	0.0011
08:00 PM - 09:00 PM	0.0008	0.0008	0.0009	0.0010	0.0010	0.0011	0.0011
09:00 PM - 10:00 PM	0.0008	0.0008	0.0008	0.0009	0.0009	0.0010	0.0010
10:00 PM - 11:00 PM	0.0008	0.0008	0.0008	0.0009	0.0009	0.0011	0.0010
11:00 PM - 12:00 AM	0.0007	0.0008	0.0009	0.0009	0.0009	0.0011	0.0011
12:00 AM - 01:00 AM	0.0008	0.0009	0.0009	0.0009	0.0009	0.0010	0.0011
01:00 AM - 02:00 AM	0.0008	0.0009	0.0009	0.0009	0.0009	0.0010	0.0011
02:00 AM - 03:00 AM	0.0007	0.0009	0.0009	0.0009	0.0010	0.0010	0.0012
03:00 AM - 04:00 AM	0.0008	0.0009	0.0009	0.0009	0.0008	0.0011	0.0012
04:00 AM - 05:00 AM	0.0008	0.0009	0.0009	0.0009	0.0010	0.0011	0.0012
05:00 AM - 06:00 AM	0.0007	0.0009	0.0009	0.0009	0.0011	0.0011	0.0012
06:00 AM - 07:00 AM	0.0008	0.0009	0.0009	0.0010	0.0012	0.0011	0.0012
07:00 AM - 08:00 AM	0.0008	0.0009	0.0009	0.0010	0.0011	0.0011	0.0012
08:00 AM - 09:00 AM	0.0009	0.0009	0.0010	0.0010	0.0011	0.0010	0.0011
09:00 AM - 10:00 AM	0.0007	0.0008	0.0009	0.0009	0.0010	0.0010	0.0010
Average	0.0010	0.0008	0.0009	0.0009	0.0010	0.0011	0.0011
1hr - Maximum	0.0031	0.0009	0.0010	0.0011	0.0012	0.0012	0.0012
Standard 1hr - Average	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Standard 24 hrs - Average	0.12	0.12	0.12	0.12	0.12	0.12	0.12

Standard : Notification of the National Environment Board No.10, 1995 (B.E.2538), No. 21, 2001 (B.E.2544) and No.24, 2004 (B.E.2547).

Reference Method : U.S. Environmental Protection Agency, EPA Method Part 53 and 58

Approved by

Saranya C.

Saranya Chalermthamrong

Scientist (4)

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Analysis / Test Report

Client : Bridgestone Metalpha (Thailand) Co., Ltd.
29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol
Pluakdaeng, Amphur Pluakdaeng, Rayong Thailand 21140

P/O : 4700062868

Project Name : EIA Monitoring

Project Location :

Lot ID: 2576800

Date Received : Sep 09, 2025

Date Reported : Sep 15, 2025

Report Number: 3404265-1

Page 1 of 1

Sample Description	Air Quality						
Location	ชุมชนด้านทิศใต้ของโครงการ (ระยะห่างประมาณ 250 เมตร) (A2) (GPS 47P 0734475, 1437959)						
Parameter	Sulfur Dioxide (ppm)						
Measurement Date	Aug 29, 2025 - Sep 05, 2025						
Measurement by	Sitpawit Suwannarat						
Time	2576800-8 Aug 29, 2025	2576800-9 Aug 30, 2025	2576800-10 Aug 31, 2025	2576800-11 Sep 01, 2025	2576800-12 Sep 02, 2025	2576800-13 Sep 03, 2025	2576800-14 Sep 04, 2025
11:00 AM - 12:00 PM	0.0052	0.0054	0.0053	0.0053	0.0054	0.0053	0.0054
12:00 PM - 01:00 PM	0.0078	0.0054	0.0053	0.0053	0.0054	0.0053	0.0054
01:00 PM - 02:00 PM	0.0068	0.0053	0.0053	0.0053	0.0054	0.0053	0.0054
02:00 PM - 03:00 PM	0.0050	0.0053	0.0053	0.0054	0.0054	0.0054	0.0054
03:00 PM - 04:00 PM	0.0060	0.0053	0.0054	0.0054	0.0054	0.0054	0.0054
04:00 PM - 05:00 PM	0.0058	0.0054	0.0053	0.0053	0.0053	0.0054	0.0054
05:00 PM - 06:00 PM	0.0057	0.0053	0.0054	0.0053	0.0054	0.0054	0.0055
06:00 PM - 07:00 PM	0.0056	0.0053	0.0054	0.0053	0.0055	0.0054	0.0055
07:00 PM - 08:00 PM	0.0055	0.0053	0.0054	0.0053	0.0054	0.0054	0.0054
08:00 PM - 09:00 PM	0.0055	0.0053	0.0054	0.0053	0.0054	0.0054	0.0054
09:00 PM - 10:00 PM	0.0055	0.0053	0.0053	0.0053	0.0054	0.0054	0.0054
10:00 PM - 11:00 PM	0.0055	0.0053	0.0054	0.0053	0.0054	0.0054	0.0054
11:00 PM - 12:00 AM	0.0054	0.0053	0.0053	0.0053	0.0054	0.0054	0.0054
12:00 AM - 01:00 AM	0.0054	0.0053	0.0054	0.0054	0.0054	0.0054	0.0054
01:00 AM - 02:00 AM	0.0054	0.0053	0.0054	0.0054	0.0054	0.0054	0.0054
02:00 AM - 03:00 AM	0.0054	0.0054	0.0054	0.0054	0.0054	0.0054	0.0054
03:00 AM - 04:00 AM	0.0054	0.0053	0.0054	0.0054	0.0054	0.0054	0.0055
04:00 AM - 05:00 AM	0.0053	0.0053	0.0054	0.0054	0.0054	0.0054	0.0054
05:00 AM - 06:00 AM	0.0030	0.0053	0.0053	0.0054	0.0054	0.0054	0.0053
06:00 AM - 07:00 AM	0.0056	0.0053	0.0053	0.0053	0.0052	0.0054	0.0053
07:00 AM - 08:00 AM	0.0028	0.0053	0.0053	0.0053	0.0052	0.0053	0.0053
08:00 AM - 09:00 AM	0.0054	0.0053	0.0052	0.0053	0.0052	0.0053	0.0053
09:00 AM - 10:00 AM	0.0054	0.0052	0.0052	0.0053	0.0052	0.0053	0.0053
10:00 AM - 11:00 AM	0.0054	0.0053	0.0052	0.0053	0.0053	0.0053	0.0053
Average	0.0054	0.0053	0.0053	0.0053	0.0054	0.0054	0.0054
1hr - Maximum	0.0078	0.0054	0.0054	0.0054	0.0055	0.0054	0.0055
Standard 1hr - Average	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Standard 24 hrs - Average	0.12	0.12	0.12	0.12	0.12	0.12	0.12

Standard : Notification of the National Environment Board No.10, 1995 (B.E.2538), No. 21, 2001 (B.E.2544) and No.24, 2004 (B.E.2547).

Reference Method : U.S. Environmental Protection Agency, EPA Method Part 53 and 58

Approved by

Saranya C.

Saranya Chalermthamrong

Scientist (4)

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Analysis / Test Report

Client : Bridgestone Metalpha (Thailand) Co., Ltd.
29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol
Pluakdaeng, Amphur Pluakdaeng, Rayong Thailand 21140

P/O : 4700062868

Project Name : EIA Monitoring

Project Location :

Lot ID: 2576800

Date Received : Sep 09, 2025

Date Reported : Sep 15, 2025

Report Number: 3404266-1

Page 1 of 1

Sample Description Air Quality
Location รพ.สต.บ้านนาบยางพร (A3) (GPS 47P 0731397, 1436974)
Parameter Sulfur Dioxide (ppm)
Measurement Date Aug 29, 2025 - Sep 05, 2025
Measurement by Sitpawit Suwannarat

Time	2576800-15 Aug 29, 2025	2576800-16 Aug 30, 2025	2576800-17 Aug 31, 2025	2576800-18 Sep 01, 2025	2576800-19 Sep 02, 2025	2576800-20 Sep 03, 2025	2576800-21 Sep 04, 2025
12:00 PM - 01:00 PM	0.0025	0.0026	0.0026	0.0029	0.0028	0.0028	0.0028
01:00 PM - 02:00 PM	0.0026	0.0025	0.0026	0.0028	0.0028	0.0028	0.0028
02:00 PM - 03:00 PM	0.0026	0.0026	0.0026	0.0028	0.0028	0.0028	0.0028
03:00 PM - 04:00 PM	0.0026	0.0026	0.0026	0.0028	0.0028	0.0028	0.0028
04:00 PM - 05:00 PM	0.0027	0.0026	0.0027	0.0028	0.0028	0.0028	0.0028
05:00 PM - 06:00 PM	0.0027	0.0026	0.0026	0.0029	0.0028	0.0028	0.0029
06:00 PM - 07:00 PM	0.0026	0.0026	0.0027	0.0028	0.0028	0.0028	0.0028
07:00 PM - 08:00 PM	0.0026	0.0026	0.0027	0.0028	0.0028	0.0028	0.0028
08:00 PM - 09:00 PM	0.0026	0.0026	0.0027	0.0028	0.0028	0.0028	0.0028
09:00 PM - 10:00 PM	0.0025	0.0026	0.0027	0.0028	0.0028	0.0028	0.0028
10:00 PM - 11:00 PM	0.0025	0.0026	0.0027	0.0028	0.0028	0.0028	0.0028
11:00 PM - 12:00 AM	0.0026	0.0026	0.0026	0.0028	0.0028	0.0028	0.0028
12:00 AM - 01:00 AM	0.0025	0.0026	0.0027	0.0028	0.0028	0.0029	0.0028
01:00 AM - 02:00 AM	0.0025	0.0027	0.0028	0.0028	0.0028	0.0028	0.0029
02:00 AM - 03:00 AM	0.0026	0.0027	0.0028	0.0028	0.0028	0.0028	0.0029
03:00 AM - 04:00 AM	0.0026	0.0028	0.0029	0.0028	0.0028	0.0028	0.0029
04:00 AM - 05:00 AM	0.0026	0.0028	0.0028	0.0028	0.0027	0.0028	0.0029
05:00 AM - 06:00 AM	0.0026	0.0028	0.0027	0.0028	0.0028	0.0028	0.0028
06:00 AM - 07:00 AM	0.0025	0.0027	0.0028	0.0028	0.0028	0.0028	0.0028
07:00 AM - 08:00 AM	0.0025	0.0026	0.0027	0.0028	0.0028	0.0028	0.0028
08:00 AM - 09:00 AM	0.0025	0.0026	0.0027	0.0028	0.0028	0.0028	0.0029
09:00 AM - 10:00 AM	0.0025	0.0026	0.0027	0.0029	0.0028	0.0028	0.0029
10:00 AM - 11:00 AM	0.0026	0.0026	0.0027	0.0030	0.0028	0.0028	0.0028
11:00 AM - 12:00 PM	0.0026	0.0027	0.0027	0.0027	0.0028	0.0028	0.0028
Average	0.0026	0.0026	0.0027	0.0028	0.0028	0.0028	0.0028
1hr - Maximum	0.0027	0.0028	0.0029	0.0030	0.0028	0.0029	0.0029
Standard 1hr - Average	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Standard 24 hrs - Average	0.12	0.12	0.12	0.12	0.12	0.12	0.12

Standard : Notification of the National Environment Board No.10, 1995 (B.E.2538), No. 21, 2001 (B.E.2544) and No.24, 2004 (B.E.2547).

Reference Method : U.S. Environmental Protection Agency, EPA Method Part 53 and 58

Approved by

Saranya C.

Saranya Chalermthamrong
Scientist (4)

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Analysis / Test Report

TESTING
No.0042

Client : Bridgestone Metalpha (Thailand) Co., Ltd.
29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol
Pluakdaeng, Amphur Pluakdaeng, Rayong Thailand 21140
P/O : 4700062868
Project Name : EIA Monitoring
Project Location :

Lot ID: 2576802

Date Received : Sep 09, 2025
Date Reported : Sep 13, 2025
Report Number: 3384548-1

Page 1 of 1

Sample Description	Air Quality			
Location	พื้นที่โครงการ (A1) (GPS 47P 0734750, 1438286)			
Date Analysis Commenced	Sep 10, 2025			
Condition of Sample	Drawn into one glass filter paper (8x10 inch) placed in plastic bag			
Sample Number	Sampled Date	Sampling Condition		Total Suspended Particulate (mg/m3)
		Pressure (mm Hg)	Temperature (°C)	
2576802-1	Aug 29 - Aug 30, 2025	750	28.9	0.034
2576802-2	Aug 30 - Aug 31, 2025	750	28.5	0.027
2576802-3	Aug 31 - Sep 01, 2025	750	28.3	0.020
2576802-4	Sep 01 - Sep 02, 2025	750	28.2	0.022
2576802-5	Sep 02 - Sep 03, 2025	750	27.5	0.024
2576802-6	Sep 03 - Sep 04, 2025	750	28.4	0.022
2576802-7	Sep 04 - Sep 05, 2025	750	27.9	0.032
Guideline	-	-	-	0.33

Reference Method

Total Suspended Particulate : United States Environmental Protection Agency 40 CFR, method 50, Appendix B, revised as of July 1, 2008

Guideline : Notification of the National Environmental Board. No.24, 2004 (B.E.2547) dated September 22, 2004

Sampled By : Sitpawit Suwannarat

Approved by

Thanita K.

Thanita Kulsuriwong
Scientist (4)

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Analysis / Test Report

TESTING
No.0042

Client : Bridgestone Metalpha (Thailand) Co., Ltd.
29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol
Pluakdaeng, Amphur Pluakdaeng, Rayong Thailand 21140
P/O : 4700062868
Project Name : EIA Monitoring
Project Location :

Lot ID: 2576802

Date Received : Sep 09, 2025
Date Reported : Sep 13, 2025
Report Number: 3384548-2

Page 1 of 1

Sample Description	Air Quality			
Location	ชุมชนด้านทิศใต้ของโครงการ (ระยะห่างประมาณ 250 เมตร) (A2) (GPS 47P 0734475, 1437959)			
Date Analysis Commenced	Sep 10, 2025			
Condition of Sample	Drawn into one glass filter paper (8x10 inch) placed in plastic bag			
Sample Number	Sampled Date	Sampling Condition		Total Suspended Particulate (mg/m3)
		Pressure (mm Hg)	Temperature (°C)	
2576802-8	Aug 29 - Aug 30, 2025	750	29.7	0.036
2576802-9	Aug 30 - Aug 31, 2025	750	29.2	0.021
2576802-10	Aug 31 - Sep 01, 2025	750	28.7	0.028
2576802-11	Sep 01 - Sep 02, 2025	750	28.2	0.041
2576802-12	Sep 02 - Sep 03, 2025	750	27.5	0.035
2576802-13	Sep 03 - Sep 04, 2025	750	28.4	0.032
2576802-14	Sep 04 - Sep 05, 2025	750	27.9	0.056
Guideline	-	-	-	0.33

Reference Method

Total Suspended Particulate : United States Environmental Protection Agency 40 CFR, method 50, Appendix B, revised as of July 1, 2008

Guideline : Notification of the National Environmental Board. No.24, 2004 (B.E.2547) dated September 22, 2004

Sampled By : Sitpawit Suwannarat

Approved by

Thanita K.

Thanita Kulsuriwong
Scientist (4)

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Analysis / Test Report

TESTING
No.0042

Client : Bridgestone Metalpha (Thailand) Co., Ltd.
29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol
Pluakdaeng, Amphur Pluakdaeng, Rayong Thailand 21140
P/O : 4700062868
Project Name : EIA Monitoring
Project Location :

Lot ID: 2576802

Date Received : Sep 09, 2025
Date Reported : Sep 13, 2025
Report Number: 3384548-3

Page 1 of 1

Sample Description	Air Quality			
Location	รพ.สต.บ้านมาบยางพร (A3) (GPS 47P 0731397, 1436974)			
Date Analysis Commenced	Sep 10, 2025			
Condition of Sample	Drawn into one glass filter paper (8x10 inch) placed in plastic bag			
Sample Number	Sampled Date	Sampling Condition		Total Suspended Particulate (mg/m3)
		Pressure (mm Hg)	Temperature (°C)	
2576802-15	Aug 29 - Aug 30, 2025	750	31.6	0.039
2576802-16	Aug 30 - Aug 31, 2025	750	31.8	0.028
2576802-17	Aug 31 - Sep 01, 2025	750	31.9	0.024
2576802-18	Sep 01 - Sep 02, 2025	750	28.2	0.107
2576802-19	Sep 02 - Sep 03, 2025	750	27.5	0.043
2576802-20	Sep 03 - Sep 04, 2025	750	28.4	0.051
2576802-21	Sep 04 - Sep 05, 2025	750	27.9	0.050
Guideline	-	-	-	0.33

Reference Method

Total Suspended Particulate : United States Environmental Protection Agency 40 CFR, method 50, Appendix B, revised as of July 1, 2008

Guideline : Notification of the National Environmental Board. No.24, 2004 (B.E.2547) dated September 22, 2004

Sampled By : Sitpawit Suwannarat

Approved by

Thanita K.

Thanita Kulsuriwong
Scientist (4)

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Analysis / Test Report

TESTING
No.0042

Client : Bridgestone Metalpha (Thailand) Co., Ltd.
29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol
Pluakdaeng, Amphur Pluakdaeng, Rayong Thailand 21140
P/O : 4700062868
Project Name : EIA Monitoring
Project Location :

Lot ID: 2576802

Date Received : Sep 09, 2025
Date Reported : Sep 13, 2025
Report Number: 3384548-4

Page 1 of 1

Sample Description	Air Quality			
Location	บ้านวังตาผิน (A4) (GPS 47P 0736358, 1436606)			
Date Analysis Commenced	Sep 10, 2025			
Condition of Sample	Drawn into one glass filter paper (8x10 inch) placed in plastic bag			
Sample Number	Sampled Date	Sampling Condition		Total Suspended Particulate (mg/m3)
		Pressure (mm Hg)	Temperature (°C)	
2576802-22	Aug 29 - Aug 30, 2025	750	29.1	0.039
2576802-23	Aug 30 - Aug 31, 2025	750	28.9	0.035
2576802-24	Aug 31 - Sep 01, 2025	750	28.7	0.041
2576802-25	Sep 01 - Sep 02, 2025	750	28.2	0.032
2576802-26	Sep 02 - Sep 03, 2025	750	27.5	0.038
2576802-27	Sep 03 - Sep 04, 2025	750	28.4	0.038
2576802-28	Sep 04 - Sep 05, 2025	750	27.9	0.047
Guideline	-	-	-	0.33

Reference Method

Total Suspended Particulate : United States Environmental Protection Agency 40 CFR, method 50, Appendix B, revised as of July 1, 2008

Guideline : Notification of the National Environmental Board. No.24, 2004 (B.E.2547) dated September 22, 2004

Sampled By : Sitpawit Suwannarat

Approved by

Thanita K.

Thanita Kulsuriwong
Scientist (4)

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Analysis / Test Report

Client : Bridgestone Metalpha (Thailand) Co., Ltd.

29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng,

Amphur Pluakdaeng, Rayong Thailand 21140

P/O : 4700062868

Project Name : EIA Monitoring

Project Location :

Lot ID: 2576801

Date Received : Sep 09, 2025

Date Reported : Sep 12, 2025

Report Number : 3384545-1

Page 1 of 2

Sample Number : 2576801-1 to 7
Parameter : Wind Speed / Wind Direction
Location : พื้นที่โครงการ (A1) (GPS 47P 0734750, 1438286)
Sampling Date : Aug 29 - Sep 05, 2025
Sampling by : Sitpawit Suwannarat

Time	Aug 29 - Aug 30, 2025			Aug 30 - Aug 31, 2025			Aug 31 - Sep 01, 2025			Sep 01 - Sep 02, 2025			Sep 02 - Sep 03, 2025			Sep 03 - Sep 04, 2025			Sep 04 - Sep 05, 2025		
	WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)	
10:00 AM - 11:00 AM	1.4	277.0	W	1.3	276.0	W	1.7	221.0	SW	1.2	272.0	W	0.0	-	-	0.9	189.0	S	2.5	280.0	W
11:00 AM - 12:00 PM	2.0	238.0	WSW	4.0	255.0	WSW	0.9	236.0	SW	2.3	215.0	SW	1.9	240.0	WSW	1.4	298.0	WNW	0.3	270.0	W
12:00 PM - 01:00 PM	4.1	274.0	W	3.5	290.0	WNW	1.6	184.0	S	0.0	-	-	0.2	-	-	1.6	253.0	WSW	0.5	257.0	WSW
01:00 PM - 02:00 PM	4.5	257.0	WSW	0.5	290.0	WNW	3.6	211.0	SSW	2.3	292.0	WNW	1.2	115.0	ESE	2.7	253.0	WSW	1.3	244.0	WSW
02:00 PM - 03:00 PM	2.8	292.0	WNW	0.0	-	-	0.2	-	-	1.2	222.0	SW	0.7	96.0	E	2.2	226.0	SW	0.0	-	-
03:00 PM - 04:00 PM	0.6	243.0	WSW	0.7	283.0	WNW	0.0	-	-	1.4	223.0	SW	0.6	96.0	E	0.0	-	-	0.0	-	-
04:00 PM - 05:00 PM	2.0	292.0	WNW	4.3	287.0	WNW	0.2	-	-	0.6	61.0	ENE	0.4	107.0	ESE	0.0	-	-	0.0	-	-
05:00 PM - 06:00 PM	0.0	-	-	0.6	292.0	WNW	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.3	105.0	ESE
06:00 PM - 07:00 PM	0.0	-	-	0.0	-	-	0.6	205.0	SSW	0.0	-	-	0.1	-	-	0.0	-	-	0.3	249.0	WSW
07:00 PM - 08:00 PM	0.0	-	-	0.0	-	-	0.0	-	-	0.2	-	-	0.0	-	-	0.0	-	-	0.0	-	-
08:00 PM - 09:00 PM	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.1	-	-	0.0	-	-
09:00 PM - 10:00 PM	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-
10:00 PM - 11:00 PM	0.8	261.0	W	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-
11:00 PM - 12:00 AM	0.8	261.0	W	0.3	206.0	SSW	0.0	-	-	0.0	-	-	0.0	-	-	0.1	-	-	0.0	-	-
12:00 AM - 01:00 AM	0.0	-	-	0.3	210.0	SSW	0.0	-	-	0.9	243.0	WSW	0.0	-	-	0.2	-	-	0.0	-	-
01:00 AM - 02:00 AM	0.6	230.0	SW	0.8	245.0	WSW	0.0	-	-	0.3	251.0	WSW	0.0	-	-	3.2	301.0	WNW	0.8	348.0	NNW
02:00 AM - 03:00 AM	0.3	259.0	W	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.3	224.0	SW	0.3	335.0	NNW
03:00 AM - 04:00 AM	1.7	323.0	NW	0.0	-	-	0.0	-	-	0.0	-	-	3.3	11.0	N	0.3	302.0	WNW	0.0	-	-
04:00 AM - 05:00 AM	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	1.1	12.0	NNE	2.5	289.0	WNW	0.0	-	-
05:00 AM - 06:00 AM	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.7	58.0	ENE	1.3	302.0	WNW	0.0	-	-
06:00 AM - 07:00 AM	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.2	-	-	1.0	343.0	NNW	0.0	-	-
07:00 AM - 08:00 AM	1.2	288.0	WNW	0.6	240.0	WSW	0.0	-	-	0.1	-	-	0.9	151.0	SSE	0.0	-	-	0.0	-	-
08:00 AM - 09:00 AM	1.7	295.0	WNW	2.7	243.0	WSW	0.0	-	-	3.0	250.0	WSW	0.1	-	-	1.3	279.0	W	0.0	-	-
09:00 AM - 10:00 AM	2.1	292.0	WNW	3.9	311.0	NW	1.4	192.0	SSW	2.2	228.0	SW	0.6	168.0	SSE	0.9	313.0	NW	0.7	258.0	WSW

Reference Method : Cup Anemometer & Anodized Aluminium Vane Method

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Sarayuth Jittranont
Assistant General Manager



Analysis / Test Report

Client : Bridgestone Metalphi (Thailand) Co., Ltd.

29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng,
Amphur Pluakdaeng, Rayong Thailand 21140

P/O : 4700062868

Project Name : EIA Monitoring

Project Location :

Lot ID: 2576801

Date Received : Sep 09, 2025

Date Reported : Sep 12, 2025

Report Number : 3384545-1

Page 2 of 2

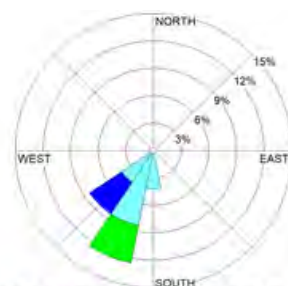
Wind Rose



Date : Aug 29-30, 2025



Date : Aug 30-31, 2025



Date : Aug 31-Sep 01, 2025



Date : Sep 01-02, 2025



Date : Sep 02-03, 2025



Date : Sep 03-04, 2025



Date : Sep 04-05, 2025



Date : Aug 29-Sep 05, 2025

WS (m/s)	%
≥ 10.0	0.00
8.0-10.0	0.00
5.5-8.0	0.00
3.3-5.5	4.76
1.7-3.3	10.71
0.3-1.7	29.76
Calms	54.76

Location : พื้นที่โครงการ (A1) (GPS 47P 0734750, 1438286)

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Sarayuth Jittrantont
Assistant General Manager

ภาคผนวก ค-2

คุณภาพอากาศจากปล่องระบาย



Analysis / Test Report

Client : Bridgestone Metalpha (Thailand) Co., Ltd.
29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng,
Amphur Pluakdaeng, Rayong Thailand 21140
P/O : 4700062868
Project Name : EIA Monitoring
Project Location :



TESTING
No.0042

Lot ID: 2581404
Date Received : Sep 03, 2025
Date Reported : Sep 09, 2025
Report Number: 3393017-1

Page 1 of 2

Sample Number 2581404-1
Sampled Date Sep 02, 2025
Sample Description Emission from Stationary Source
Location ปล่อง PL Furnace No.1
Date Analysis Commenced Sep 03, 2025
Condition of Sample Extracted into one filter paper placed in plastic petri dish, one plastic bottle and one amber plastic bottle, refrigerated

Stack Description									
Ambient Pressure	748	mmHg	Diameter	0.26	m	Oxygen	15.0	%	
Ambient Temperature	31.0	°C	Shape	Circle		Carbon Dioxide	3.4	%	
Type of Process	Combustion (Open System)		Stack Temperature	179	°C	Gas Velocity	6.0	m/s	
Type of Fuel	Natural Gas		Moisture	4.90	%	Flow Rate (Actual O2)	713	Nm3/hr	

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result at 7 %O ₂ at 15.0 % O ₂	Guideline (1)	Guideline (2)	Method	Testing Location
Air Testing									
Oxide of Nitrogen *	10:10 AM - 11:35 AM	ppm	-	1.0	14.1 5.98	20.42	180	US EPA, Method 7E (Instrumental Analyzer)	Rayong
Sulfur dioxide *	10:10 AM - 11:40 AM	ppm	-	0.5	<0.5 <0.5	1.38	800	U.S. Environmental Protection Agency, EPA Method 6	Rayong
Total Suspended Particulate	10:10 AM - 10:58 AM	mg/m3	-	0.5	<0.5 <0.5	21.74	120	U.S. Environmental Protection Agency 40 CFR method 5, Appendix A, December 7, 2020 (Include sampling)	Rayong

Guideline :

- 1) Environmental Impact Assessment Report of Bridgestone Metalpha (Thailand) Co., Ltd.
- 2) Notification of the Ministry of Science Technology and Environment dated March 9, B.E. 2544 (2001), published in the Royal Government Gazette, Vol. 118 Special Part 37 dated May 8, B.E.2544 (2001) : New Source

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)
ทะเบียนเลขที่ ว-323-จ-0029

Approved by

D. Changchon

Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-จ-0001

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. No part of this report may be reproduced in any form without written consent from the laboratory.
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Life Sciences

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S:\Reports_Air Stack_O2_2GL.rpt (1:32PM)



Analysis / Test Report

Client : Bridgestone Metalpha (Thailand) Co., Ltd.
29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng,
Amphur Pluakdaeng, Rayong Thailand 21140
P/O : 4700062868
Project Name : EIA Monitoring
Project Location :



TESTING
No.0042

Lot ID: 2581404
Date Received : Sep 03, 2025
Date Reported : Sep 09, 2025
Report Number: 3393017-1

Page 2 of 2

Sample Number 2581404-1
Sampled Date Sep 02, 2025
Sample Description Emission from Stationary Source
Location ปล่อง PL Furnace No.1
Date Analysis Commenced Sep 03, 2025
Condition of Sample Extracted into one filter paper placed in plastic petri dish, one plastic bottle and one amber plastic bottle, refrigerated

Stack Description									
Ambient Pressure	748	mmHg	Diameter	0.26	m	Oxygen	15.0	%	
Ambient Temperature	31.0	°C	Shape	Circle		Carbon Dioxide	3.4	%	
Type of Process	Combustion (Open System)		Stack Temperature	179	°C	Gas Velocity	6.0	m/s	
Type of Fuel	Natural Gas		Moisture	4.90	%	Flow Rate (Actual O2)	713	Nm3/hr	

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result Emission Rate	Guideline (1)	Guideline (2)	Method	Testing Location
Air Testing									
Oxide of Nitrogen *	10:10 AM - 11:35 AM	g/s	-	-	0.0022	0.0076	-	Calculated	Rayong
Sulfur dioxide *	10:10 AM - 11:40 AM	g/s	-	-	<0.00026	0.00072	-	Calculated	Rayong
Total Suspended Particulate *	10:10 AM - 10:58 AM	g/s	-	-	<0.0001	0.0043	-	Calculated	Rayong

Guideline :

- 1) Environmental Impact Assessment Report of Bridgestone Metalpha (Thailand) Co., Ltd.
- 2) Notification of the Ministry of Science Technology and Environment dated March 9, B.E. 2544 (2001), published in the Royal Government Gazette, Vol. 118 Special Part 37 dated May 8, B.E.2544 (2001) : New Source

Sampling By : Sittipon Sanachiv ทะเบียนเลขที่ ว-323-จ-0009

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- Analyte(s) marked * is/are not included in scope of Accreditation ISO/IEC 17025.

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)
ทะเบียนเลขที่ ว-323-จ-0029

Approved by

D. Changchon

Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-จ-0001

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Life Sciences

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S:\Reports_Air Stack_O2_2GL.rpt (1:32PM)



Analysis / Test Report

Client : Bridgestone Metalpha (Thailand) Co., Ltd.
29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng,
Amphur Pluakdaeng, Rayong Thailand 21140
P/O : 4700062868
Project Name : EIA Monitoring
Project Location :



TESTING
No.0042

Lot ID: 2581405
Date Received : Sep 03, 2025
Date Reported : Sep 09, 2025
Report Number: 3393022-1

Page 1 of 2

Sample Number 2581405-1
Sampled Date Sep 03, 2025
Sample Description Emission from Stationary Source
Location ปล่อง PL Furnace No.2
Date Analysis Commenced Sep 03, 2025
Condition of Sample Extracted into one filter paper placed in plastic petri dish, one plastic bottle and one amber plastic bottle, refrigerated

Stack Description									
Ambient Pressure	748	mmHg	Diameter	0.26	m	Oxygen	15.9	%	
Ambient Temperature	31.0	°C	Shape	Circle		Carbon Dioxide	2.9	%	
Type of Process	Combustion (Open System)		Stack Temperature	184	°C	Gas Velocity	6.1	m/s	
Type of Fuel	Natural Gas		Moisture	4.82	%	Flow Rate (Actual O2)	711	Nm3/hr	

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result at 7 %O ₂ at 15.9 % O ₂	Guideline (1)	Guideline (2)	Method	Testing Location
Air Testing									
Oxide of Nitrogen *	03:15 PM - 04:40 PM	ppm	-	1.0	20.2 7.27	20.42	180	US EPA, Method 7E (Instrumental Analyzer)	Rayong
Sulfur dioxide *	03:15 PM - 04:45 PM	ppm	-	0.5	<0.5 <0.5	1.38	800	U.S. Environmental Protection Agency, EPA Method 6	Rayong
Total Suspended Particulate	03:15 PM - 04:03 PM	mg/m3	-	0.5	<0.5 <0.5	21.74	120	U.S. Environmental Protection Agency 40 CFR method 5, Appendix A, December 7, 2020 (Include sampling)	Rayong

Guideline :

- 1) Environmental Impact Assessment Report of Bridgestone Metalpha (Thailand) Co., Ltd.
- 2) Notification of the Ministry of Science Technology and Environment dated March 9, B.E. 2544 (2001), published in the Royal Government Gazette, Vol. 118 Special Part 37 dated May 8, B.E.2544 (2001) : New Source

Technical Management

Thanitak.

Thanita Kulsuriwong
Scientist (4)
ทะเบียนเลขที่ ว-323-จ-0029

Approved by

D. Changchon

Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-จ-0001

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. No part of this report may be reproduced in any form without written consent from the laboratory.
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S:\Reports_Air Stack_O2_2GL.rpt (1:35PM)



Analysis / Test Report

Client : Bridgestone Metalpha (Thailand) Co., Ltd.
29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng,
Amphur Pluakdaeng, Rayong Thailand 21140
P/O : 4700062868
Project Name : EIA Monitoring
Project Location :



TESTING
No.0042

Lot ID: 2581405
Date Received : Sep 03, 2025
Date Reported : Sep 09, 2025
Report Number: 3393022-1

Page 2 of 2

Sample Number 2581405-1
Sampled Date Sep 03, 2025
Sample Description Emission from Stationary Source
Location ปล่อง PL Furnace No.2
Date Analysis Commenced Sep 03, 2025
Condition of Sample Extracted into one filter paper placed in plastic petri dish, one plastic bottle and one amber plastic bottle, refrigerated

Stack Description									
Ambient Pressure	748	mmHg	Diameter	0.26	m	Oxygen	15.9	%	
Ambient Temperature	31.0	°C	Shape	Circle		Carbon Dioxide	2.9	%	
Type of Process	Combustion (Open System)		Stack Temperature	184	°C	Gas Velocity	6.1	m/s	
Type of Fuel	Natural Gas		Moisture	4.82	%	Flow Rate (Actual O2)	711	Nm3/hr	

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result Emission Rate	Guideline (1)	Guideline (2)	Method	Testing Location
Air Testing									
Oxide of Nitrogen *	03:15 PM - 04:40 PM	g/s	-	-	0.0027	0.0076	-	Calculated	Rayong
Sulfur dioxide *	03:15 PM - 04:45 PM	g/s	-	-	<0.00026	0.00072	-	Calculated	Rayong
Total Suspended Particulate *	03:15 PM - 04:03 PM	g/s	-	-	<0.0001	0.0043	-	Calculated	Rayong

Guideline :

- 1) Environmental Impact Assessment Report of Bridgestone Metalpha (Thailand) Co., Ltd.
- 2) Notification of the Ministry of Science Technology and Environment dated March 9, B.E. 2544 (2001), published in the Royal Government Gazette, Vol. 118 Special Part 37 dated May 8, B.E.2544 (2001) : New Source

Sampling By : Sittiporn Sanachiv ทะเบียนเลขที่ ว-323-จ-0009

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- Analyte(s) marked * is/are not included in scope of Accreditation ISO/IEC 17025.

Technical Management

Thanitak.

Thanita Kulsuriwong
Scientist (4)
ทะเบียนเลขที่ ว-323-จ-0029

Approved by

D. Changchon

Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-จ-0001

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. No part of this report may be reproduced in any form without written consent from the laboratory.
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S:\Reports_Air Stack_O2_2GL.rpt (1:35PM)



Analysis / Test Report

Client : Bridgestone Metalpha (Thailand) Co., Ltd.
29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng,
Amphur Pluakdaeng, Rayong Thailand 21140
P/O : 4700062868
Project Name : EIA Monitoring
Project Location :



TESTING
No.0042

Lot ID: 2581406
Date Received : Sep 01, 2025
Date Reported : Sep 09, 2025
Report Number: 3393023-1

Page 1 of 2

Sample Number 2581406-1
Sampled Date Sep 01, 2025
Sample Description Emission from Stationary Source
Location ปล่อง PL Furnace No.3
Date Analysis Commenced Sep 01, 2025
Condition of Sample Extracted into one filter paper placed in plastic petri dish, one plastic bottle and one amber plastic bottle, refrigerated

Stack Description									
Ambient Pressure	748	mmHg	Diameter	0.26	m	Oxygen	10.8	%	
Ambient Temperature	30.0	°C	Shape	Circle		Carbon Dioxide	5.7	%	
Type of Process	Combustion (Open System)		Stack Temperature	291	°C	Gas Velocity	6.6	m/s	
Type of Fuel	Natural Gas		Moisture	4.92	%	Flow Rate (Actual O2)	620	Nm3/hr	

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result at 7 %O ₂ at 10.8 % O ₂	Guideline (1)	Guideline (2)	Method	Testing Location
Air Testing									
Oxide of Nitrogen *	02:10 PM - 03:40 PM	ppm	-	1.0	18.5 13.44	20.42	180	US EPA, Method 7E (Instrumental Analyzer)	Rayong
Sulfur dioxide *	02:10 PM - 03:40 PM	ppm	-	0.5	<0.5 <0.5	1.38	800	U.S. Environmental Protection Agency, EPA Method 6	Rayong
Total Suspended Particulate	02:10 PM - 03:02 PM	mg/m3	-	0.5	<0.5 <0.5	21.74	120	U.S. Environmental Protection Agency 40 CFR method 5, Appendix A, December 7, 2020 (Include sampling)	Rayong

Guideline :

- 1) Environmental Impact Assessment Report of Bridgestone Metalpha (Thailand) Co., Ltd.
- 2) Notification of the Ministry of Science Technology and Environment dated March 9, B.E. 2544 (2001), published in the Royal Government Gazette, Vol. 118 Special Part 37 dated May 8, B.E.2544 (2001) : New Source

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)
ทะเบียนเลขที่ ว-323-จ-0029

Approved by

D. Changchon

Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-จ-0001

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S:\Reports_Air Stack_O2_2GL.rpt (9:02AM)



Analysis / Test Report

Client : Bridgestone Metalpha (Thailand) Co., Ltd.
29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng,
Amphur Pluakdaeng, Rayong Thailand 21140
P/O : 4700062868
Project Name : EIA Monitoring
Project Location :



TESTING
No.0042

Lot ID: 2581406
Date Received : Sep 01, 2025
Date Reported : Sep 09, 2025
Report Number: 3393023-1

Page 2 of 2

Sample Number 2581406-1
Sampled Date Sep 01, 2025
Sample Description Emission from Stationary Source
Location ปล่อง PL Furnace No.3
Date Analysis Commenced Sep 01, 2025
Condition of Sample Extracted into one filter paper placed in plastic petri dish, one plastic bottle and one amber plastic bottle, refrigerated

Stack Description									
Ambient Pressure	748	mmHg	Diameter	0.26	m	Oxygen	10.8	%	
Ambient Temperature	30.0	°C	Shape	Circle		Carbon Dioxide	5.7	%	
Type of Process	Combustion (Open System)		Stack Temperature	291	°C	Gas Velocity	6.6	m/s	
Type of Fuel	Natural Gas		Moisture	4.92	%	Flow Rate (Actual O2)	620	Nm3/hr	

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result Emission Rate	Guideline (1)	Guideline (2)	Method	Testing Location
Air Testing									
Oxide of Nitrogen *	02:10 PM - 03:40 PM	g/s	-	-	0.0044	0.0076	-	Calculated	Rayong
Sulfur dioxide *	02:10 PM - 03:40 PM	g/s	-	-	<0.00022	0.00072	-	Calculated	Rayong
Total Suspended Particulate *	02:10 PM - 03:02 PM	g/s	-	-	<0.0001	0.0043	-	Calculated	Rayong

Guideline :

- 1) Environmental Impact Assessment Report of Bridgestone Metalpha (Thailand) Co., Ltd.
- 2) Notification of the Ministry of Science Technology and Environment dated March 9, B.E. 2544 (2001), published in the Royal Government Gazette, Vol. 118 Special Part 37 dated May 8, B.E.2544 (2001) : New Source

Sampling By : Sittipon Sanachiv ทะเบียนเลขที่ ว-323-จ-0009

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- Analyte(s) marked * is/are not included in scope of Accreditation ISO/IEC 17025.

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)
ทะเบียนเลขที่ ว-323-จ-0029

Approved by

D. Changchon

Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-จ-0001

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S:\Reports_Air Stack_O2_2GL.rpt (9:02AM)



Analysis / Test Report

Client : Bridgestone Metalpha (Thailand) Co., Ltd.
29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng,
Amphur Pluakdaeng, Rayong Thailand 21140
P/O : 4700062868
Project Name : EIA Monitoring
Project Location :



TESTING
No.0042

Lot ID: 2581407
Date Received : Sep 01, 2025
Date Reported : Sep 09, 2025
Report Number: 3393032-1

Page 1 of 2

Sample Number 2581407-1
Sampled Date Sep 01, 2025
Sample Description Emission from Stationary Source
Location ปล่อง PL Furnace No.4
Date Analysis Commenced Sep 01, 2025
Condition of Sample Extracted into one filter paper placed in plastic petri dish, one plastic bottle and one amber plastic bottle, refrigerated

Stack Description									
Ambient Pressure	748	mmHg	Diameter	0.26	m	Oxygen	9.7	%	
Ambient Temperature	30.0	°C	Shape	Circle		Carbon Dioxide	6.4	%	
Type of Process	Combustion (Open System)		Stack Temperature	107	°C	Gas Velocity	2.6	m/s	
Type of Fuel	Natural Gas		Moisture	4.49	%	Flow Rate (Actual O2)	369	Nm3/hr	

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result		Guideline (1)	Guideline (2)	Method	Testing Location
					at 7 %O ₂	at 9.7 % O ₂				
Air Testing										
Oxide of Nitrogen *	10:20 AM - 11:50 AM	ppm	-	1.0	17.6	14.18	20.42	180	US EPA, Method 7E (Instrumental Analyzer)	Rayong
Sulfur dioxide *	10:20 AM - 11:50 AM	ppm	-	0.5	<0.5	<0.5	1.38	800	U.S. Environmental Protection Agency, EPA Method 6	Rayong
Total Suspended Particulate	10:20 AM - 11:04 AM	mg/m3	-	0.5	1.0	0.81	21.74	120	U.S. Environmental Protection Agency 40 CFR method 5, Appendix A, December 7, 2020 (Include sampling)	Rayong

Guideline :

- 1) Environmental Impact Assessment Report of Bridgestone Metalpha (Thailand) Co., Ltd.
- 2) Notification of the Ministry of Science Technology and Environment dated March 9, B.E. 2544 (2001), published in the Royal Government Gazette, Vol. 118 Special Part 37 dated May 8, B.E.2544 (2001) : New Source

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)
ทะเบียนเลขที่ ว-323-จ-0029

Approved by

D. Changchon

Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-จ-0001

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Life Sciences

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S:\Reports_Air Stack_O2_2GL.rpt (9:24AM)



Analysis / Test Report

Client : Bridgestone Metalpha (Thailand) Co., Ltd.
29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng,
Amphur Pluakdaeng, Rayong Thailand 21140
P/O : 4700062868
Project Name : EIA Monitoring
Project Location :



TESTING
No.0042

Lot ID: 2581407
Date Received : Sep 01, 2025
Date Reported : Sep 09, 2025
Report Number: 3393032-1

Page 2 of 2

Sample Number 2581407-1
Sampled Date Sep 01, 2025
Sample Description Emission from Stationary Source
Location ปล่อง PL Furnace No.4
Date Analysis Commenced Sep 01, 2025
Condition of Sample Extracted into one filter paper placed in plastic petri dish, one plastic bottle and one amber plastic bottle, refrigerated

Stack Description									
Ambient Pressure	748	mmHg	Diameter	0.26	m	Oxygen	9.7	%	
Ambient Temperature	30.0	°C	Shape	Circle		Carbon Dioxide	6.4	%	
Type of Process	Combustion (Open System)		Stack Temperature	107	°C	Gas Velocity	2.6	m/s	
Type of Fuel	Natural Gas		Moisture	4.49	%	Flow Rate (Actual O2)	369	Nm3/hr	

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result Emission Rate	Guideline (1)	Guideline (2)	Method	Testing Location
Air Testing									
Oxide of Nitrogen *	10:20 AM - 11:50 AM	g/s	-	-	0.0027	0.0076	-	Calculated	Rayong
Sulfur dioxide *	10:20 AM - 11:50 AM	g/s	-	-	<0.00013	0.00072	-	Calculated	Rayong
Total Suspended Particulate *	10:20 AM - 11:04 AM	g/s	-	-	0.00008	0.0043	-	Calculated	Rayong

Guideline :

- 1) Environmental Impact Assessment Report of Bridgestone Metalpha (Thailand) Co., Ltd.
- 2) Notification of the Ministry of Science Technology and Environment dated March 9, B.E. 2544 (2001), published in the Royal Government Gazette, Vol. 118 Special Part 37 dated May 8, B.E.2544 (2001) : New Source

Sampling By : Sittipon Sanachiv ทะเบียนเลขที่ ว-323-จ-0009

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- Analyte(s) marked * is/are not included in scope of Accreditation ISO/IEC 17025.

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)
ทะเบียนเลขที่ ว-323-จ-0029

Approved by

D. Changchon

Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-จ-0001

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S:\Reports_Air Stack_O2_2GL.rpt (9:24AM)



Analysis / Test Report

Client : Bridgestone Metalpha (Thailand) Co., Ltd.
29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng,
Amphur Pluakdaeng, Rayong Thailand 21140
P/O : 4700062868
Project Name : EIA Monitoring
Project Location :



TESTING
No.0042

Lot ID: 2581409
Date Received : Sep 03, 2025
Date Reported : Nov 07, 2025
Report Number: 3393043-1 Rev. No.1

Page 1 of 2

Sample Number 2581409-1
Sampled Date Sep 03, 2025
Sample Description Emission from Stationary Source
Location แปลง PL FB No.1
Date Analysis Commenced Sep 03, 2025
Condition of Sample Extracted into one filter paper placed in plastic petri dish, one plastic bottle and one amber plastic bottle, refrigerated

Stack Description									
Ambient Pressure	748	mmHg	Diameter	0.30	m	Oxygen	14.9	%	
Ambient Temperature	30.0	°C	Shape	Circle		Carbon Dioxide	3.5	%	
Type of Process	Combustion (Open System)		Stack Temperature	42.7	°C	Gas Velocity	6.7	m/s	
Type of Fuel	Natural Gas		Moisture	4.43	%	Flow Rate (Actual O2)	1524	Nm3/hr	

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result at 7 %O ₂ at 14.9 % O ₂		Guideline (1)	Guideline (2)	Method	Testing Location
Air Testing										
Oxide of Nitrogen *	01:35 PM - 02:10 PM	ppm	-	1.0	13.7	5.91	15.87	180	US EPA, Method 7E (Instrumental Analyzer)	Rayong
Total Suspended Particulate	01:30 PM - 02:12 PM	mg/m3	-	0.5	21.0	9.06	33.78	200	U.S. Environmental Protection Agency 40 CFR method 5, Appendix A, December 7, 2020 (Include sampling)	Rayong

Guideline :

- 1) Environmental Impact Assessment Report of Bridgestone Metalpha (Thailand) Co., Ltd.
- 2) Notification of the Ministry of Science Technology and Environment dated March 9, B.E. 2544 (2001), published in the Royal Government Gazette, Vol. 118 Special Part 37 dated May 8, B.E.2544 (2001) : New Source

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)
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Approved by

D. Changchon

Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ค-0001

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S:\Reports_Air Stack_O2_2GL.rpt (10:04AM)



Analysis / Test Report

Client : Bridgestone Metalpha (Thailand) Co., Ltd.
29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng,
Amphur Pluakdaeng, Rayong Thailand 21140
P/O : 4700062868
Project Name : EIA Monitoring
Project Location :



TESTING
No.0042

Lot ID: 2581409
Date Received : Sep 03, 2025
Date Reported : Nov 07, 2025
Report Number: 3393043-1 Rev. No.1

Page 2 of 2

Sample Number 2581409-1
Sampled Date Sep 03, 2025
Sample Description Emission from Stationary Source
Location แปลง PL FB No.1
Date Analysis Commenced Sep 03, 2025
Condition of Sample Extracted into one filter paper placed in plastic petri dish, one plastic bottle and one amber plastic bottle, refrigerated

Stack Description									
Ambient Pressure	748	mmHg	Diameter	0.30	m	Oxygen	14.9	%	
Ambient Temperature	30.0	°C	Shape	Circle		Carbon Dioxide	3.5	%	
Type of Process	Combustion (Open System)		Stack Temperature	42.7	°C	Gas Velocity	6.7	m/s	
Type of Fuel	Natural Gas		Moisture	4.43	%	Flow Rate (Actual O2)	1524	Nm3/hr	

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result Emission Rate	Guideline (1)	Guideline (2)	Method	Testing Location
Air Testing									
Oxide of Nitrogen *	01:35 PM - 02:10 PM	g/s	-	-	0.00475	0.00507	-	Calculated	Rayong
Total Suspended Particulate *	01:30 PM - 02:12 PM	g/s	-	-	0.00386	0.00574	-	Calculated	Rayong

Guideline :

- 1) Environmental Impact Assessment Report of Bridgestone Metalpha (Thailand) Co., Ltd.
- 2) Notification of the Ministry of Science Technology and Environment dated March 9, B.E. 2544 (2001), published in the Royal Government Gazette, Vol. 118 Special Part 37 dated May 8, B.E.2544 (2001) : New Source

Note:

This Analysis test report is issued to supersede report No.3393043-1, Date Reported : Sep 11, 2025 due to revise analytical information.

Sampling By : Sawai Tonpho ทะเบียนเลขที่ ว-323-จ-0046

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- Analyte(s) marked * is/are not included in scope of Accreditation ISO/IEC 17025.

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)
ทะเบียนเลขที่ ว-323-จ-0029

Approved by

D. Changchon

Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ค-0001

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. No part of this report may be reproduced in any form without written consent from the laboratory.
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S:\Reports_Air Stack_O2_2GL.rpt (10:04AM)



Analysis / Test Report

Client : Bridgestone Metalpha (Thailand) Co., Ltd.
29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng,
Amphur Pluakdaeng, Rayong Thailand 21140

P/O :

Project Name : EIA Monitoring

Project Location :

Lot ID: 2594664

Date Received : Oct 24, 2025

Date Reported : Oct 30, 2025

Report Number: 3425029-1

Page 1 of 2

Sample Number 2594664-1
Sampled Date Oct 24, 2025
Sample Description Emission from Stationary Source
Location แปลง PL FB No.1
Date Analysis Commenced Oct 25, 2025
Condition of Sample Extracted into one amber plastic bottle, refrigerated

Stack Description

Ambient Pressure	752	mmHg	Diameter	0.30	m	Oxygen	11.3	%
Ambient Temperature	29.0	°C	Shape	Circle		Carbon Dioxide	5.9	%
Type of Process	Combustion (Open System)		Stack Temperature	42.0	°C	Gas Velocity	2.8	m/s
Type of Fuel	Natural Gas		Moisture	4.74	%	Flow Rate (Actual O2)	623	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result at 7 %O ₂ at 11.3 % O ₂	Guideline (1)	Guideline (2)	Method	Testing Location
Air Testing									
Sulfur dioxide	09:20 AM - 10:00 AM	ppm	-	0.5	<0.5 <0.5	1.07	800	U.S. Environmental Protection Agency, EPA Method 6	Rayong

Guideline :

- 1) Environmental Impact Assessment Report of Bridgestone Metalpha (Thailand) Co., Ltd.
- 2) Notification of the Ministry of Science Technology and Environment dated March 9, B.E. 2544 (2001), published in the Royal Government Gazette, Vol. 118 Special Part 37 dated May 8, B.E.2544 (2001) : New Source

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)
ทะเบียนเลขที่ ว-323-จ-0029

Approved by

D. Chuan

Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ค-0001

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S:\Reports_Air Stack_O2_2GL.rpt (5:22PM)



Analysis / Test Report

Client : Bridgestone Metalpha (Thailand) Co., Ltd.
29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng,
Amphur Pluakdaeng, Rayong Thailand 21140

P/O :

Project Name : EIA Monitoring

Project Location :

Lot ID: 2594664

Date Received : Oct 24, 2025

Date Reported : Oct 30, 2025

Report Number: 3425029-1

Page 2 of 2

Sample Number 2594664-1
Sampled Date Oct 24, 2025
Sample Description Emission from Stationary Source
Location แปลง PL FB No.1
Date Analysis Commenced Oct 25, 2025
Condition of Sample Extracted into one amber plastic bottle, refrigerated

Stack Description

Ambient Pressure	752	mmHg	Diameter	0.30	m	Oxygen	11.3	%
Ambient Temperature	29.0	°C	Shape	Circle		Carbon Dioxide	5.9	%
Type of Process	Combustion (Open System)		Stack Temperature	42.0	°C	Gas Velocity	2.8	m/s
Type of Fuel	Natural Gas		Moisture	4.74	%	Flow Rate (Actual O2)	623	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result Emission Rate	Guideline (1)	Guideline (2)	Method	Testing Location
Air Testing									
Sulfur dioxide	09:20 AM - 10:00 AM	g/s	-	-	<0.00022	0.00048	-	Calculated	Rayong

Guideline :

- 1) Environmental Impact Assessment Report of Bridgestone Metalpha (Thailand) Co., Ltd.
- 2) Notification of the Ministry of Science Technology and Environment dated March 9, B.E. 2544 (2001), published in the Royal Government Gazette, Vol. 118 Special Part 37 dated May 8, B.E.2544 (2001) : New Source

Sampling By : Tinnakorn Kulchart ทะเบียนเลขที่ ว-323-จ-0062

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)
ทะเบียนเลขที่ ว-323-จ-0029

Approved by

D. Chuan

Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ค-0001

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S:\Reports_Air Stack_O2_2GL.rpt (5:22PM)



Analysis / Test Report



TESTING
No.0042

Client : Bridgestone Metalpha (Thailand) Co., Ltd.
29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng,
Amphur Pluakdaeng, Rayong Thailand 21140
P/O : 4700062868
Project Name : EIA Monitoring
Project Location :

Lot ID: 2581410
Date Received : Oct 23, 2025
Date Reported : Oct 30, 2025
Report Number: 3393045-1

Page 1 of 2

Sample Number 2581410-1
Sampled Date Oct 23, 2025
Sample Description Emission from Stationary Source
Location แปลง PL FB No.2
Date Analysis Commenced Oct 24, 2025
Condition of Sample Extracted into one filter paper placed in plastic petri dish, one plastic bottle and one amber plastic bottle, refrigerated

Stack Description

Ambient Pressure	751	mmHg	Diameter	0.30	m	Oxygen	15.6	%
Ambient Temperature	27.7	°C	Shape	Circle		Carbon Dioxide	3.0	%
Type of Process	Combustion (Open System)		Stack Temperature	42.0	°C	Gas Velocity	3.6	m/s
Type of Fuel	Natural Gas		Moisture	3.35	%	Flow Rate (Actual O2)	817	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result		Guideline (1)	Guideline (2)	Method	Testing Location
					at 7 %O ₂	at 15.6 % O ₂				
Air Testing										
Sulfur dioxide *	02:48 PM - 04:48 PM	ppm	-	0.5	<0.5	<0.5	1.07	800	U.S. Environmental Protection Agency, EPA Method 6	Rayong
Total Suspended Particulate	02:48 PM - 03:42 PM	mg/m3	-	0.5	17.7	6.75	33.78	200	U.S. Environmental Protection Agency 40 CFR method 5, Appendix A, December 7, 2020 (Include sampling)	Rayong

Guideline :

- 1) Environmental Impact Assessment Report of Bridgestone Metalpha (Thailand) Co., Ltd.
- 2) Notification of the Ministry of Science Technology and Environment dated March 9, B.E. 2544 (2001), published in the Royal Government Gazette, Vol. 118 Special Part 37 dated May 8, B.E.2544 (2001) : New Source

Technical Management

Thanitak.

Thanita Kulsuriwong
Scientist (4)
ทะเบียนเลขที่ ว-323-จ-0029

Approved by

D. Chuan.

Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ค-0001

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S:\Reports_Air Stack_O2_2GL.rpt (5:13PM)



Analysis / Test Report



TESTING
No.0042

Client : Bridgestone Metalpha (Thailand) Co., Ltd.
29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng,
Amphur Pluakdaeng, Rayong Thailand 21140
P/O : 4700062868
Project Name : EIA Monitoring
Project Location :

Lot ID: 2581410
Date Received : Oct 23, 2025
Date Reported : Oct 30, 2025
Report Number: 3393045-1

Page 2 of 2

Sample Number 2581410-1
Sampled Date Oct 23, 2025
Sample Description Emission from Stationary Source
Location แปลง PL FB No.2
Date Analysis Commenced Oct 24, 2025
Condition of Sample Extracted into one filter paper placed in plastic petri dish, one plastic bottle and one amber plastic bottle, refrigerated

Stack Description

Ambient Pressure	751	mmHg	Diameter	0.30	m	Oxygen	15.6	%
Ambient Temperature	27.7	°C	Shape	Circle		Carbon Dioxide	3.0	%
Type of Process	Combustion (Open System)		Stack Temperature	42.0	°C	Gas Velocity	3.6	m/s
Type of Fuel	Natural Gas		Moisture	3.35	%	Flow Rate (Actual O2)	817	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result Emission Rate	Guideline (1)	Guideline (2)	Method	Testing Location
Air Testing									
Sulfur dioxide *	02:48 PM - 04:48 PM	g/s	-	-	<0.00030	0.00048	-	Calculated	Rayong
Total Suspended Particulate *	02:48 PM - 03:42 PM	g/s	-	-	0.002	0.00574	-	Calculated	Rayong

Guideline :

- 1) Environmental Impact Assessment Report of Bridgestone Metalpha (Thailand) Co., Ltd.
- 2) Notification of the Ministry of Science Technology and Environment dated March 9, B.E. 2544 (2001), published in the Royal Government Gazette, Vol. 118 Special Part 37 dated May 8, B.E.2544 (2001) : New Source

Sampling By : Sutdamrong Chokpitinan ทะเบียนเลขที่ ว-323-จ-0037

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- Analyte(s) marked * is/are not included in scope of Accreditation ISO/IEC 17025.

Technical Management

Thanitak.

Thanita Kulsuriwong
Scientist (4)
ทะเบียนเลขที่ ว-323-จ-0029

Approved by

D. Chuan.

Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ค-0001

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S:\Reports_Air Stack_O2_2GL.rpt (5:13PM)



Analysis / Test Report

Client : Bridgestone Metalpha (Thailand) Co., Ltd.
29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng,
Amphur Pluakdaeng, Rayong Thailand 21140

P/O :

Project Name : EIA Monitoring

Project Location :

Lot ID: 2598258

Date Received : Oct 24, 2025

Date Reported : Oct 30, 2025

Report Number: 3433896-1

Page 1 of 2

Sample Number 2598258-1
Sampled Date Oct 24, 2025
Sample Description Emission from Stationary Source
Location แปลง PL FB No.2
Date Analysis Commenced Oct 27, 2025

Stack Description

Ambient Pressure	752	mmHg	Diameter	0.30	m	Oxygen	15.9	%
Ambient Temperature	29.0	°C	Shape	Circle		Carbon Dioxide	2.6	%
Type of Process	Combustion (Open System)		Stack Temperature	49.0	°C	Gas Velocity	4.6	m/s
Type of Fuel	Natural Gas		Moisture	4.79	%	Flow Rate (Actual O2)	1011	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result at 7 %O ₂	Result at 15.9 % O ₂	Guideline (1)	Guideline (2)	Method	Testing Location
Air Testing										
Oxide of Nitrogen	10:40 AM - 12:00 PM	ppm	-	1.0	15.7	5.65	15.87	180	US EPA, Method 7E (Instrumental Analyzer)	Rayong

Guideline :

- 1) Environmental Impact Assessment Report of Bridgestone Metalpha (Thailand) Co., Ltd.
- 2) Notification of the Ministry of Science Technology and Environment dated March 9, B.E. 2544 (2001), published in the Royal Government Gazette, Vol. 118 Special Part 37 dated May 8, B.E.2544 (2001) : New Source

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)
ทะเบียนเลขที่ ว-323-จ-0029

Approved by

D. Changchon

Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ค-0001

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Analysis / Test Report

Client : Bridgestone Metalpha (Thailand) Co., Ltd.
29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng,
Amphur Pluakdaeng, Rayong Thailand 21140

P/O :

Project Name : EIA Monitoring

Project Location :

Lot ID: 2598258

Date Received : Oct 24, 2025

Date Reported : Oct 30, 2025

Report Number: 3433896-1

Page 2 of 2

Sample Number 2598258-1
Sampled Date Oct 24, 2025
Sample Description Emission from Stationary Source
Location แปลง PL FB No.2
Date Analysis Commenced Oct 27, 2025

Stack Description

Ambient Pressure	752	mmHg	Diameter	0.30	m	Oxygen	15.9	%
Ambient Temperature	29.0	°C	Shape	Circle		Carbon Dioxide	2.6	%
Type of Process	Combustion (Open System)		Stack Temperature	49.0	°C	Gas Velocity	4.6	m/s
Type of Fuel	Natural Gas		Moisture	4.79	%	Flow Rate (Actual O2)	1011	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result Emission Rate	Guideline (1)	Guideline (2)	Method	Testing Location
Air Testing									
Oxide of Nitrogen	10:40 AM - 12:00 PM	g/s	-	-	0.00300	0.00507	-	Calculated	Rayong

Guideline :

- 1) Environmental Impact Assessment Report of Bridgestone Metalpha (Thailand) Co., Ltd.
- 2) Notification of the Ministry of Science Technology and Environment dated March 9, B.E. 2544 (2001), published in the Royal Government Gazette, Vol. 118 Special Part 37 dated May 8, B.E.2544 (2001) : New Source

Sampling By : Tinnakorn Kulchart ทะเบียนเลขที่ ว-323-จ-0062

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)
ทะเบียนเลขที่ ว-323-จ-0029

Approved by

D. Changchon

Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ค-0001

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S:\Reports_Air Stack_O2_2GL.rpt (5:30PM)



Analysis / Test Report

Client : Bridgestone Metalpha (Thailand) Co., Ltd.
29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng,
Amphur Pluakdaeng, Rayong Thailand 21140
P/O : 4700062868
Project Name : EIA Monitoring
Project Location :

Lot ID: 2581411
Date Received : Sep 05, 2025
Date Reported : Sep 12, 2025
Report Number: 3393049-1

Page 1 of 2

Sample Number 2581411-1
Sampled Date Sep 05, 2025
Sample Description Emission from Stationary Source
Location แปลง PL FB No.3
Date Analysis Commenced Sep 05, 2025
Condition of Sample Extracted into one filter paper placed in plastic petri dish, one plastic bottle and one amber plastic bottle, refrigerated

Stack Description									
Ambient Pressure	750	mmHg	Diameter	0.30	m	Oxygen	16.5	%	
Ambient Temperature	30.4	°C	Shape	Circle		Carbon Dioxide	2.3	%	
Type of Process	Combustion (Open System)		Stack Temperature	230	°C	Gas Velocity	7.0	m/s	
Type of Fuel	Natural Gas		Moisture	3.78	%	Flow Rate (Actual O2)	998	Nm3/hr	

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result at 7 %O ₂ at 16.5 % O ₂	Guideline (1)	Guideline (2)	Method	Testing Location
Air Testing									
Oxide of Nitrogen	10:00 AM - 10:25 AM	ppm	-	1.0	10.6 3.36	15.87	180	US EPA, Method 7E (Instrumental Analyzer)	Rayong
Sulfur dioxide	10:00 AM - 11:30 AM	ppm	-	0.5	<0.5 <0.5	1.07	800	U.S. Environmental Protection Agency, EPA Method 6	Rayong

Guideline :

- 1) Environmental Impact Assessment Report of Bridgestone Metalpha (Thailand) Co., Ltd.
- 2) Notification of the Ministry of Science Technology and Environment dated March 9, B.E. 2544 (2001), published in the Royal Government Gazette, Vol. 118 Special Part 37 dated May 8, B.E.2544 (2001) : New Source

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)
ทะเบียนเลขที่ ว-323-จ-0029

Approved by

D. Changchon

Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ค-0001

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Analysis / Test Report

Client : Bridgestone Metalpha (Thailand) Co., Ltd.
29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng,
Amphur Pluakdaeng, Rayong Thailand 21140
P/O : 4700062868
Project Name : EIA Monitoring
Project Location :

Lot ID: 2581411
Date Received : Sep 05, 2025
Date Reported : Sep 12, 2025
Report Number: 3393049-1

Page 2 of 2

Sample Number 2581411-1
Sampled Date Sep 05, 2025
Sample Description Emission from Stationary Source
Location แปลง PL FB No.3
Date Analysis Commenced Sep 05, 2025
Condition of Sample Extracted into one filter paper placed in plastic petri dish, one plastic bottle and one amber plastic bottle, refrigerated

Stack Description									
Ambient Pressure	750	mmHg	Diameter	0.30	m	Oxygen	16.5	%	
Ambient Temperature	30.4	°C	Shape	Circle		Carbon Dioxide	2.3	%	
Type of Process	Combustion (Open System)		Stack Temperature	230	°C	Gas Velocity	7.0	m/s	
Type of Fuel	Natural Gas		Moisture	3.78	%	Flow Rate (Actual O2)	998	Nm3/hr	

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result Emission Rate	Guideline (1)	Guideline (2)	Method	Testing Location
Air Testing									
Oxide of Nitrogen	10:00 AM - 10:25 AM	g/s	-	-	0.00174	0.00507	-	Calculated	Rayong
Sulfur dioxide	10:00 AM - 11:30 AM	g/s	-	-	<0.00036	0.00048	-	Calculated	Rayong

Guideline :

- 1) Environmental Impact Assessment Report of Bridgestone Metalpha (Thailand) Co., Ltd.
- 2) Notification of the Ministry of Science Technology and Environment dated March 9, B.E. 2544 (2001), published in the Royal Government Gazette, Vol. 118 Special Part 37 dated May 8, B.E.2544 (2001) : New Source

Sampling By : Jaradrawee Sriuksa ทะเบียนเลขที่ ว-323-จ-0058

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)
ทะเบียนเลขที่ ว-323-จ-0029

Approved by

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Dej Changchon
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Analysis / Test Report



TESTING
No.0042

Client : Bridgestone Metalpha (Thailand) Co., Ltd.
29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng,
Amphur Pluakdaeng, Rayong Thailand 21140

P/O :

Project Name : EIA Monitoring

Project Location :

Lot ID: 25105889

Date Received : Nov 21, 2025

Date Reported : Nov 26, 2025

Report Number: 3453035-1

Page 1 of 2

Sample Number 25105889-1
Sampled Date Nov 21, 2025
Sample Description Emission from Stationary Source
Location แปลง PL FB No.3
Date Analysis Commenced Nov 24, 2025
Condition of Sample Extracted into one filter paper placed in plastic petri dish and one plastic bottle

Stack Description

Ambient Pressure	755	mmHg	Diameter	0.30	m	Oxygen	15.5	%
Ambient Temperature	24.2	°C	Shape	Circle		Carbon Dioxide	3.0	%
Type of Process	Combustion (Open System)		Stack Temperature	178	°C	Gas Velocity	1.9	m/s
Type of Fuel	Natural Gas		Moisture	3.76	%	Flow Rate (Actual O2)	305	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result at 7 %O ₂ at 15.5 % O ₂	Guideline (1)	Guideline (2)	Method	Testing Location
Air Testing									
Total Suspended Particulate	10:00 AM - 10:40 AM	mg/m3	-	0.5	27.1 10.53	33.78	200	U.S. Environmental Protection Agency 40 CFR method 5, Appendix A, December 7, 2020 (Include sampling)	Rayong

Guideline :

- 1) Environmental Impact Assessment Report of Bridgestone Metalpha (Thailand) Co., Ltd.
- 2) Notification of the Ministry of Science Technology and Environment dated March 9, B.E. 2544 (2001), published in the Royal Government Gazette, Vol. 118 Special Part 37 dated May 8, B.E.2544 (2001) : New Source

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)
ทะเบียนเลขที่ ว-323-จ-0029

Approved by

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Dej Changchon
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Analysis / Test Report



TESTING
No.0042

Client : Bridgestone Metalpha (Thailand) Co., Ltd.
29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng,
Amphur Pluakdaeng, Rayong Thailand 21140

P/O :

Project Name : EIA Monitoring

Project Location :

Lot ID: 25105889

Date Received : Nov 21, 2025

Date Reported : Nov 26, 2025

Report Number: 3453035-1

Page 2 of 2

Sample Number 25105889-1
Sampled Date Nov 21, 2025
Sample Description Emission from Stationary Source
Location แปลง PL FB No.3
Date Analysis Commenced Nov 24, 2025
Condition of Sample Extracted into one filter paper placed in plastic petri dish and one plastic bottle

Stack Description

Ambient Pressure	755	mmHg	Diameter	0.30	m	Oxygen	15.5	%
Ambient Temperature	24.2	°C	Shape	Circle		Carbon Dioxide	3.0	%
Type of Process	Combustion (Open System)		Stack Temperature	178	°C	Gas Velocity	1.9	m/s
Type of Fuel	Natural Gas		Moisture	3.76	%	Flow Rate (Actual O2)	305	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result Emission Rate	Guideline (1)	Guideline (2)	Method	Testing Location
Air Testing									
Total Suspended Particulate	10:00 AM - 10:40 AM	g/s	-	-	0.00089	0.00574	-	Calculated	Rayong
*									

Guideline :

- 1) Environmental Impact Assessment Report of Bridgestone Metalpha (Thailand) Co., Ltd.
- 2) Notification of the Ministry of Science Technology and Environment dated March 9, B.E. 2544 (2001), published in the Royal Government Gazette, Vol. 118 Special Part 37 dated May 8, B.E.2544 (2001) : New Source

Sampling By : Warawut Pubpa ทะเบียนเลขที่ ว-323-จ-0033

Remark :

- LOD : Limit of Detection
- "c" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- Analyte(s) marked * is/are not included in scope of Accreditation ISO/IEC 17025.

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)
ทะเบียนเลขที่ ว-323-จ-0029

Approved by

D. Changchon

Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ค-0001

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Analysis / Test Report

Client : Bridgestone Metalpha (Thailand) Co., Ltd.
29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng,
Amphur Pluakdaeng, Rayong Thailand 21140
P/O : 4700062868
Project Name : EIA Monitoring
Project Location :

Lot ID: 2581412
Date Received : Sep 02, 2025
Date Reported : Sep 09, 2025
Report Number: 3393052-1

Page 1 of 2

Sample Number 2581412-1
Sampled Date Sep 01, 2025
Sample Description Emission from Stationary Source
Location แปลง PL FB No.4
Date Analysis Commenced Sep 02, 2025
Condition of Sample Extracted into one filter paper placed in plastic petri dish, one plastic bottle and one amber plastic bottle, refrigerated

Stack Description									
Ambient Pressure	748	mmHg	Diameter	0.30	m	Oxygen	15.8	%	
Ambient Temperature	30.0	°C	Shape	Circle		Carbon Dioxide	2.8	%	
Type of Process	Combustion (Open System)		Stack Temperature	48.7	°C	Gas Velocity	4.1	m/s	
Type of Fuel	Natural Gas		Moisture	6.21	%	Flow Rate (Actual O2)	887	Nm3/hr	

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result at 7 %O ₂ at 15.8 % O ₂		Guideline (1)	Guideline (2)	Method	Testing Location
Air Testing										
Oxide of Nitrogen	10:10 AM - 10:55 AM	ppm	-	1.0	14.3	5.25	15.87	180	US EPA, Method 7E (Instrumental Analyzer)	Rayong
Sulfur dioxide	10:00 AM - 11:30 AM	ppm	-	0.5	<0.5	<0.5	1.07	800	U.S. Environmental Protection Agency, EPA Method 6	Rayong

Guideline :

- 1) Environmental Impact Assessment Report of Bridgestone Metalpha (Thailand) Co., Ltd.
- 2) Notification of the Ministry of Science Technology and Environment dated March 9, B.E. 2544 (2001), published in the Royal Government Gazette, Vol. 118 Special Part 37 dated May 8, B.E.2544 (2001) : New Source

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)
ทะเบียนเลขที่ ว-323-จ-0029

Approved by

D. Changchon

Dej Changchon
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Analysis / Test Report

Client : Bridgestone Metalpha (Thailand) Co., Ltd.
29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng,
Amphur Pluakdaeng, Rayong Thailand 21140
P/O : 4700062868
Project Name : EIA Monitoring
Project Location :

Lot ID: 2581412
Date Received : Sep 02, 2025
Date Reported : Sep 09, 2025
Report Number: 3393052-1

Page 2 of 2

Sample Number 2581412-1
Sampled Date Sep 01, 2025
Sample Description Emission from Stationary Source
Location แปลง PL FB No.4
Date Analysis Commenced Sep 02, 2025
Condition of Sample Extracted into one filter paper placed in plastic petri dish, one plastic bottle and one amber plastic bottle, refrigerated

Stack Description									
Ambient Pressure	748	mmHg	Diameter	0.30	m	Oxygen	15.8	%	
Ambient Temperature	30.0	°C	Shape	Circle		Carbon Dioxide	2.8	%	
Type of Process	Combustion (Open System)		Stack Temperature	48.7	°C	Gas Velocity	4.1	m/s	
Type of Fuel	Natural Gas		Moisture	6.21	%	Flow Rate (Actual O2)	887	Nm3/hr	

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result Emission Rate	Guideline (1)	Guideline (2)	Method	Testing Location
Air Testing									
Oxide of Nitrogen	10:10 AM - 10:55 AM	g/s	-	-	0.00244	0.00507	-	Calculated	Rayong
Sulfur dioxide	10:00 AM - 11:30 AM	g/s	-	-	<0.00032	0.00048	-	Calculated	Rayong

Guideline :

- 1) Environmental Impact Assessment Report of Bridgestone Metalpha (Thailand) Co., Ltd.
- 2) Notification of the Ministry of Science Technology and Environment dated March 9, B.E. 2544 (2001), published in the Royal Government Gazette, Vol. 118 Special Part 37 dated May 8, B.E.2544 (2001) : New Source

Sampling By : Sawai Tonpho ทะเบียนเลขที่ ว-323-จ-0046

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)
ทะเบียนเลขที่ ว-323-จ-0029

Approved by

D. Changchon

Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ค-0001

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Analysis / Test Report



TESTING
No.0042

Client : Bridgestone Metalpha (Thailand) Co., Ltd.
29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng,
Amphur Pluakdaeng, Rayong Thailand 21140
P/O : 4700062868
Project Name : EIA Monitoring
Project Location :

Lot ID: 2547559
Date Received : Dec 25, 2025
Date Reported : Dec 30, 2025
Report Number: 3465877-1

Page 1 of 2

Sample Number 2547559-1
Sampled Date Dec 25, 2025
Sample Description Emission from Stationary Source
Location แปลง PL FB No.4
Date Analysis Commenced Dec 26, 2025
Condition of Sample Extracted into one filter paper placed in plastic petri dish and one plastic bottle

Stack Description

Ambient Pressure	756	mmHg	Diameter	0.30	m	Oxygen	13.5	%
Ambient Temperature	32.0	°C	Shape	Circle		Carbon Dioxide	4.3	%
Type of Process	Combustion (Open System)		Stack Temperature	186	°C	Gas Velocity	3.3	m/s
Type of Fuel	Natural Gas		Moisture	3.99	%	Flow Rate (Actual O2)	522	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result at 7 %O ₂ at 13.5 % O ₂	Guideline (1)	Guideline (2)	Method	Testing Location
Air Testing									
Total Suspended Particulate	02:00 PM - 02:40 PM	mg/m3	-	0.5	16.0 8.52	33.78	200	U.S. Environmental Protection Agency 40 CFR method 5, Appendix A, December 7, 2020 (Include sampling)	Rayong

Guideline :

- 1) Environmental Impact Assessment Report of Bridgestone Metalpha (Thailand) Co., Ltd.
- 2) Notification of the Ministry of Science Technology and Environment dated March 9, B.E. 2544 (2001), published in the Royal Government Gazette, Vol. 118 Special Part 37 dated May 8, B.E.2544 (2001) : New Source

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)
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Approved by

D. Changchon

Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ค-0001

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S:\Reports_Air Stack_O2_2GL.rpt (11:05AM)



Analysis / Test Report



TESTING
No.0042

Client : Bridgestone Metalpha (Thailand) Co., Ltd.
29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng,
Amphur Pluakdaeng, Rayong Thailand 21140
P/O : 4700062868
Project Name : EIA Monitoring
Project Location :

Lot ID: 2547559
Date Received : Dec 25, 2025
Date Reported : Dec 30, 2025
Report Number: 3465877-1

Page 2 of 2

Sample Number 2547559-1
Sampled Date Dec 25, 2025
Sample Description Emission from Stationary Source
Location แปลง PL FB No.4
Date Analysis Commenced Dec 26, 2025
Condition of Sample Extracted into one filter paper placed in plastic petri dish and one plastic bottle

Stack Description

Ambient Pressure	756	mmHg	Diameter	0.30	m	Oxygen	13.5	%
Ambient Temperature	32.0	°C	Shape	Circle		Carbon Dioxide	4.3	%
Type of Process	Combustion (Open System)		Stack Temperature	186	°C	Gas Velocity	3.3	m/s
Type of Fuel	Natural Gas		Moisture	3.99	%	Flow Rate (Actual O2)	522	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result Emission Rate	Guideline (1)	Guideline (2)	Method	Testing Location
Air Testing									
Total Suspended Particulate *	02:00 PM - 02:40 PM	g/s	-	-	0.00233	0.00574	-	Calculated	Rayong

Guideline :

- 1) Environmental Impact Assessment Report of Bridgestone Metalpha (Thailand) Co., Ltd.
- 2) Notification of the Ministry of Science Technology and Environment dated March 9, B.E. 2544 (2001), published in the Royal Government Gazette, Vol. 118 Special Part 37 dated May 8, B.E.2544 (2001) : New Source

Sampling By : Natthapon Jiwngwareewong ทะเบียนเลขที่ ว-323-จ-0013

Remark :

- LOD : Limit of Detection
- "c" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- Analyte(s) marked * is/are not included in scope of Accreditation ISO/IEC 17025.

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)
ทะเบียนเลขที่ ว-323-จ-0029

Approved by

D. Changchon

Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ค-0001

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S:\Reports_Air Stack_O2_2GL.rpt (11:05AM)



Analysis / Test Report



TESTING
No.0042

Client : Bridgestone Metalpha (Thailand) Co., Ltd.
29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng,
Amphur Pluakdaeng, Rayong Thailand 21140
P/O : 4700062868
Project Name : EIA Monitoring
Project Location :

Lot ID: 2581418
Date Received : Sep 03, 2025
Date Reported : Sep 11, 2025
Report Number: 3393061-1

Page 1 of 2

Sample Number 2581418-1
Sampled Date Sep 03, 2025
Sample Description Emission from Stationary Source
Location Dust Collector No.1
Date Analysis Commenced Sep 04, 2025
Condition of Sample Extracted into one filter paper placed in plastic petri dish and one plastic bottle

Stack Description

Ambient Pressure	748	mmHg	Diameter	0.09	m	Oxygen	20.9	%
Ambient Temperature	30.0	°C	Shape	Circle		Carbon Dioxide	0.0	%
Type of Process	Process		Stack Temperature	63.2	°C	Gas Velocity	20.6	m/s
Type of Fuel	-		Moisture	2.95	%	Flow Rate (Actual O2)	399	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Air Testing									
Total Suspended Particulate	02:45 PM - 03:37 PM	mg/m3	-	0.5	<0.5	33.33	300	U.S. Environmental Protection Agency 40 CFR method 5, Appendix A, December 7, 2020 (Include sampling)	Rayong

Guideline : Guideline (1) Environmental Impact Assessment Report of Bridgestone Metalpha (Thailand) Co., Ltd.
Guideline (2) Notification of the Ministry of Industry 2006 (B.E. 2549) Published in the Royal Government Gazette, Vol.123 Special Part 125 D, dated December 4, 2006 (B.E. 2549)

Technical Management

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Scientist (4)
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Approved by

Dej Changchon

Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-0001

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Analysis / Test Report



TESTING
No.0042

Client : Bridgestone Metalpha (Thailand) Co., Ltd.
29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng,
Amphur Pluakdaeng, Rayong Thailand 21140
P/O : 4700062868
Project Name : EIA Monitoring
Project Location :

Lot ID: 2581418
Date Received : Sep 03, 2025
Date Reported : Sep 11, 2025
Report Number: 3393061-1

Page 2 of 2

Sample Number 2581418-1
Sampled Date Sep 03, 2025
Sample Description Emission from Stationary Source
Location Dust Collector No.1
Date Analysis Commenced Sep 04, 2025
Condition of Sample Extracted into one filter paper placed in plastic petri dish and one plastic bottle

Stack Description

Ambient Pressure	748	mmHg	Diameter	0.09	m	Oxygen	20.9	%
Ambient Temperature	30.0	°C	Shape	Circle		Carbon Dioxide	0.0	%
Type of Process	Process		Stack Temperature	63.2	°C	Gas Velocity	20.6	m/s
Type of Fuel	-		Moisture	2.95	%	Flow Rate (Actual O2)	399	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result Emission Rate	Guideline (1)	Guideline (2)	Method	Testing Location
Air Testing									
Total Suspended Particulate *	02:45 PM - 03:37 PM	g/s	-	-	<0.00006	0.00278	-	Calculated	Rayong

Guideline : Guideline (1) Environmental Impact Assessment Report of Bridgestone Metalpha (Thailand) Co., Ltd.
Guideline (2) Notification of the Ministry of Industry 2006 (B.E. 2549) Published in the Royal Government Gazette, Vol.123 Special Part 125 D, dated December 4, 2006 (B.E. 2549)

Sampling By : Sittipan Sanachiv ทะเบียนเลขที่ ว-323-ก-0009

Remark :

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- Analyte(s) marked * is/are not included in scope of Accreditation ISO/IEC 17025.

Technical Management

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Analysis / Test Report



TESTING
No.0042

Client : Bridgestone Metalpha (Thailand) Co., Ltd.
29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng,
Amphur Pluakdaeng, Rayong Thailand 21140
P/O : 4700062868
Project Name : EIA Monitoring
Project Location :

Lot ID: 2581421
Date Received : Sep 03, 2025
Date Reported : Sep 11, 2025
Report Number: 3393062-1

Page 1 of 2

Sample Number 2581421-1
Sampled Date Sep 03, 2025
Sample Description Emission from Stationary Source
Location Dust Collector No.2
Date Analysis Commenced Sep 04, 2025
Condition of Sample Extracted into one filter paper placed in plastic petri dish and one plastic bottle

Stack Description

Ambient Pressure	748	mmHg	Diameter	1.03	m	Oxygen	20.9	%
Ambient Temperature	30.0	°C	Shape	Circle		Carbon Dioxide	0.0	%
Type of Process	Process		Stack Temperature	40.4	°C	Gas Velocity	5.0	m/s
Type of Fuel	-		Moisture	2.81	%	Flow Rate (Actual O2)	13755	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Air Testing									
Total Suspended Particulate	10:30 AM - 11:24 AM	mg/m3	-	0.5	<0.5	11.67	300	U.S. Environmental Protection Agency 40 CFR method 5, Appendix A, December 7, 2020 (Include sampling)	Rayong

Guideline : 1) Environmental Impact Assessment Report of Bridgestone Metalpha (Thailand) Co., Ltd.
2) Notification of the Ministry of Industry 2006 (B.E. 2549) Published in the Royal Government Gazette, Vol.123 Special Part 125 D, dated December 4, 2006 (B.E. 2549)

Technical Management

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Dej Changchon
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Analysis / Test Report



TESTING
No.0042

Client : Bridgestone Metalpha (Thailand) Co., Ltd.
29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng,
Amphur Pluakdaeng, Rayong Thailand 21140
P/O : 4700062868
Project Name : EIA Monitoring
Project Location :

Lot ID: 2581421
Date Received : Sep 03, 2025
Date Reported : Sep 11, 2025
Report Number: 3393062-1

Page 2 of 2

Sample Number 2581421-1
Sampled Date Sep 03, 2025
Sample Description Emission from Stationary Source
Location Dust Collector No.2
Date Analysis Commenced Sep 04, 2025
Condition of Sample Extracted into one filter paper placed in plastic petri dish and one plastic bottle

Stack Description

Ambient Pressure	748	mmHg	Diameter	1.03	m	Oxygen	20.9	%
Ambient Temperature	30.0	°C	Shape	Circle		Carbon Dioxide	0.0	%
Type of Process	Process		Stack Temperature	40.4	°C	Gas Velocity	5.0	m/s
Type of Fuel	-		Moisture	2.81	%	Flow Rate (Actual O2)	13755	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result Emission Rate	Guideline (1)	Guideline (2)	Method	Testing Location
Air Testing									
Total Suspended Particulate *	10:30 AM - 11:24 AM	g/s	-	-	<0.0019	0.1167	-	Calculated	Rayong

Guideline : 1) Environmental Impact Assessment Report of Bridgestone Metalpha (Thailand) Co., Ltd.
2) Notification of the Ministry of Industry 2006 (B.E. 2549) Published in the Royal Government Gazette, Vol.123 Special Part 125 D, dated December 4, 2006 (B.E. 2549)

Sampling By : Sittipan Sanachiv ทะเบียนเลขที่ ว-323-ก-0009

Remark :

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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- Analyte(s) marked * is/are not included in scope of Accreditation ISO/IEC 17025.

Technical Management

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Analysis / Test Report



TESTING
No.0042

Client : Bridgestone Metalpha (Thailand) Co., Ltd.
29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng,
Amphur Pluakdaeng, Rayong Thailand 21140
P/O : 4700062868
Project Name : EIA Monitoring
Project Location :

Lot ID: 2581460
Date Received : Sep 03, 2025
Date Reported : Sep 11, 2025
Report Number: 3393065-1

Page 1 of 2

Sample Number 2581460-1
Sampled Date Sep 03, 2025
Sample Description Emission from Stationary Source
Location Dust Collector No.3
Date Analysis Commenced Sep 04, 2025
Condition of Sample Extracted into one filter paper placed in plastic petri dish and one plastic bottle

Stack Description

Ambient Pressure	748	mmHg	Diameter	0.20	m	Oxygen	20.9	%
Ambient Temperature	30.0	°C	Shape	Circle		Carbon Dioxide	0.0	%
Type of Process	Process		Stack Temperature	47.0	°C	Gas Velocity	11.4	m/s
Type of Fuel	-		Moisture	2.80	%	Flow Rate (Actual O2)	1153	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Air Testing									
Total Suspended Particulate	01:40 PM - 02:31 PM	mg/m3	-	0.5	<0.5	18.36	300	U.S. Environmental Protection Agency 40 CFR method 5, Appendix A, December 7, 2020 (Include sampling)	Rayong

Guideline : 1) Environmental Impact Assessment Report of Bridgestone Metalpha (Thailand) Co., Ltd.
2) Notification of the Ministry of Industry 2006 (B.E. 2549) Published in the Royal Government Gazette, Vol.123 Special Part 125 D, dated December 4, 2006 (B.E. 2549)

Technical Management

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Approved by

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Analysis / Test Report



TESTING
No.0042

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29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng,
Amphur Pluakdaeng, Rayong Thailand 21140
P/O : 4700062868
Project Name : EIA Monitoring
Project Location :

Lot ID: 2581460
Date Received : Sep 03, 2025
Date Reported : Sep 11, 2025
Report Number: 3393065-1

Page 2 of 2

Sample Number 2581460-1
Sampled Date Sep 03, 2025
Sample Description Emission from Stationary Source
Location Dust Collector No.3
Date Analysis Commenced Sep 04, 2025
Condition of Sample Extracted into one filter paper placed in plastic petri dish and one plastic bottle

Stack Description

Ambient Pressure	748	mmHg	Diameter	0.20	m	Oxygen	20.9	%
Ambient Temperature	30.0	°C	Shape	Circle		Carbon Dioxide	0.0	%
Type of Process	Process		Stack Temperature	47.0	°C	Gas Velocity	11.4	m/s
Type of Fuel	-		Moisture	2.80	%	Flow Rate (Actual O2)	1153	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result Emission Rate	Guideline (1)	Guideline (2)	Method	Testing Location
Air Testing									
Total Suspended Particulate *	01:40 PM - 02:31 PM	g/s	-	-	<0.00016	0.00255	-	Calculated	Rayong

Guideline : 1) Environmental Impact Assessment Report of Bridgestone Metalpha (Thailand) Co., Ltd.
2) Notification of the Ministry of Industry 2006 (B.E. 2549) Published in the Royal Government Gazette, Vol.123 Special Part 125 D, dated December 4, 2006 (B.E. 2549)

Sampling By : Sittipan Sanachiv ทะเบียนเลขที่ ว-323-ก-0009

Remark :

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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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Technical Management

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Approved by

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Analysis / Test Report



TESTING
No.0042

Client : Bridgestone Metalpha (Thailand) Co., Ltd.
29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng,
Amphur Pluakdaeng, Rayong Thailand 21140
P/O : 4700062868
Project Name : EIA Monitoring
Project Location :

Lot ID: 2581461
Date Received : Sep 03, 2025
Date Reported : Sep 11, 2025
Report Number: 3393067-1

Page 1 of 2

Sample Number 2581461-1
Sampled Date Sep 03, 2025
Sample Description Emission from Stationary Source
Location Scale Collector
Date Analysis Commenced Sep 04, 2025
Condition of Sample Extracted into one filter paper placed in plastic petri dish and one plastic bottle

Stack Description

Ambient Pressure	748	mmHg	Diameter	0.39	m	Oxygen	20.9	%
Ambient Temperature	30.0	°C	Shape	Circle		Carbon Dioxide	0.0	%
Type of Process	Process		Stack Temperature	40.0	°C	Gas Velocity	25.2	m/s
Type of Fuel	-		Moisture	2.82	%	Flow Rate (Actual O2)	9307	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Air Testing									
Total Suspended Particulate	09:40 AM - 10:24 AM	mg/m3	-	0.5	<0.5	18.4	300	U.S. Environmental Protection Agency 40 CFR method 5, Appendix A, December 7, 2020 (Include sampling)	Rayong

Guideline : 1) Environmental Impact Assessment Report of Bridgestone Metalpha (Thailand) Co., Ltd.
2) Notification of the Ministry of Industry 2006 (B.E. 2549) Published in the Royal Government Gazette, Vol.123 Special Part 125 D, dated December 4, 2006 (B.E. 2549)

Technical Management

Thanita K.

Thanita Kulsuriwong
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Approved by

D. Chamon.

Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-0001

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Analysis / Test Report



TESTING
No.0042

Client : Bridgestone Metalpha (Thailand) Co., Ltd.
29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng,
Amphur Pluakdaeng, Rayong Thailand 21140
P/O : 4700062868
Project Name : EIA Monitoring
Project Location :

Lot ID: 2581461
Date Received : Sep 03, 2025
Date Reported : Sep 11, 2025
Report Number: 3393067-1

Page 2 of 2

Sample Number 2581461-1
Sampled Date Sep 03, 2025
Sample Description Emission from Stationary Source
Location Scale Collector
Date Analysis Commenced Sep 04, 2025
Condition of Sample Extracted into one filter paper placed in plastic petri dish and one plastic bottle

Stack Description

Ambient Pressure	748	mmHg	Diameter	0.39	m	Oxygen	20.9	%
Ambient Temperature	30.0	°C	Shape	Circle		Carbon Dioxide	0.0	%
Type of Process	Process		Stack Temperature	40.0	°C	Gas Velocity	25.2	m/s
Type of Fuel	-		Moisture	2.82	%	Flow Rate (Actual O2)	9307	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result Emission Rate	Guideline (1)	Guideline (2)	Method	Testing Location
Air Testing									
Total Suspended Particulate *	09:40 AM - 10:24 AM	g/s	-	-	<0.00129	0.04560	-	Calculated	Rayong

Guideline : 1) Environmental Impact Assessment Report of Bridgestone Metalpha (Thailand) Co., Ltd.
2) Notification of the Ministry of Industry 2006 (B.E. 2549) Published in the Royal Government Gazette, Vol.123 Special Part 125 D, dated December 4, 2006 (B.E. 2549)

Sampling By : Sittipan Sanachiv ทะเบียนเลขที่ ว-323-ก-0009

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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- Analyte(s) marked * is/are not included in scope of Accreditation ISO/IEC 17025.

Technical Management

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ทะเบียนเลขที่ ว-323-ก-0029

Approved by

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Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-0001

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Analysis / Test Report



TESTING
No.0009

Client : Bridgestone Metalpha (Thailand) Co., Ltd.
29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng,
Amphur Pluakdaeng, Rayong Thailand 21140
P/O : 4700062868
Project Name : EIA Monitoring
Project Location :

Lot ID: 2581423
Date Received : Sep 04, 2025
Date Reported : Sep 16, 2025
Report Number: 3393069-1

Page 1 of 2

Sample Number 2581423-1
Sampled Date Sep 04, 2025
Sample Description Emission from Stationary Source
Location HCl Scrubber
Date Analysis Commenced Sep 06, 2025
Condition of Sample Extracted into one amber plastic bottle, refrigerated

Stack Description

Ambient Pressure	749	mmHg	Diameter	0.80	m	Oxygen	20.9	%
Ambient Temperature	31.2	°C	Shape	Circle		Carbon Dioxide	0.0	%
Type of Process	Process		Stack Temperature	32.0	°C	Gas Velocity	16.0	m/s
Type of Fuel	-		Moisture	3.11	%	Flow Rate (Actual O2)	26960	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Air Testing									
Hydrogen Chloride	11:20 AM - 12:20 PM	mg/m3	-	0.01	0.11	17.67	200	U.S. Environmental Protection Agency 40 CFR method 14, 26, 2020 (Include sampling)	Bangkok

Guideline : 1) Environmental Impact Assessment Report of Bridgestone Metalpha (Thailand) Co., Ltd.
2) Notification of the Ministry of Industry 2006 (B.E. 2549) Published in the Royal Government Gazette, Vol.123 Special Part 125 D, dated December 4, 2006 (B.E. 2549)

Technical Management

Orawan R.
Orawan Rak Yong
Scientist (3)
ทะเบียนเลขที่ ว-204-ก-0027

Approved by

Kanokkorn Anek
Kanokkorn Anek
Assistant General Manager
ทะเบียนเลขที่ ว-204-ก-0004

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Analysis / Test Report



TESTING
No.0009

Client : Bridgestone Metalpha (Thailand) Co., Ltd.
29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng,
Amphur Pluakdaeng, Rayong Thailand 21140
P/O : 4700062868
Project Name : EIA Monitoring
Project Location :

Lot ID: 2581423
Date Received : Sep 04, 2025
Date Reported : Sep 16, 2025
Report Number: 3393069-1

Page 2 of 2

Sample Number 2581423-1
Sampled Date Sep 04, 2025
Sample Description Emission from Stationary Source
Location HCl Scrubber
Date Analysis Commenced Sep 06, 2025
Condition of Sample Extracted into one amber plastic bottle, refrigerated

Stack Description

Ambient Pressure	749	mmHg	Diameter	0.80	m	Oxygen	20.9	%
Ambient Temperature	31.2	°C	Shape	Circle		Carbon Dioxide	0.0	%
Type of Process	Process		Stack Temperature	32.0	°C	Gas Velocity	16.0	m/s
Type of Fuel	-		Moisture	3.11	%	Flow Rate (Actual O2)	26960	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result Emission Rate	Guideline (1)	Guideline (2)	Method	Testing Location
Air Testing									
Hydrogen Chloride *	11:20 AM - 12:20 PM	g/s	-	-	0.0008	0.118	-	Calculated	Bangkok

Guideline : 1) Environmental Impact Assessment Report of Bridgestone Metalpha (Thailand) Co., Ltd.
2) Notification of the Ministry of Industry 2006 (B.E. 2549) Published in the Royal Government Gazette, Vol.123 Special Part 125 D, dated December 4, 2006 (B.E. 2549)

Sampling By : Sittipan Sanachiv ทะเบียนเลขที่ ว-323-ก-0009

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- Analyte(s) marked * is/are not included in scope of Accreditation ISO/IEC 17025.

Technical Management

Orawan R.
Orawan Rak Yong
Scientist (3)
ทะเบียนเลขที่ ว-204-ก-0027

Approved by

Kanokkorn Anek
Kanokkorn Anek
Assistant General Manager
ทะเบียนเลขที่ ว-204-ก-0004

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Analysis / Test Report



TESTING
No.0009

Client : Bridgestone Metalpha (Thailand) Co., Ltd.
29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng,
Amphur Pluakdaeng, Rayong Thailand 21140
P/O : 4700062868
Project Name : EIA Monitoring
Project Location :

Lot ID: 2581424
Date Received : Sep 04, 2025
Date Reported : Sep 16, 2025
Report Number: 3393073-1

Page 1 of 2

Sample Number 2581424-1
Sampled Date Sep 04, 2025
Sample Description Emission from Stationary Source
Location HCl Recovery
Date Analysis Commenced Sep 06, 2025
Condition of Sample Extracted into one amber plastic bottle, refrigerated

Stack Description

Ambient Pressure	749	mmHg	Diameter	0.30	m	Oxygen	20.9	%
Ambient Temperature	31.2	°C	Shape	Circle		Carbon Dioxide	0.0	%
Type of Process	Process		Stack Temperature	32.4	°C	Gas Velocity	2.8	m/s
Type of Fuel	-		Moisture	2.76	%	Flow Rate (Actual O2)	659	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Air Testing									
Hydrogen Chloride	09:40 AM - 10:40 AM	mg/m3	-	0.01	0.21	164.91	200	U.S. Environmental Protection Agency 40 CFR method 14, 26, 2020 (Include sampling)	Bangkok

Guideline : 1) Environmental Impact Assessment Report of Bridgestone Metalpha (Thailand) Co., Ltd.
2) Notification of the Ministry of Industry 2006 (B.E. 2549) Published in the Royal Government Gazette, Vol.123 Special Part 125 D, dated December 4, 2006 (B.E. 2549)

Technical Management

Orawan R.
Orawan Rakyong
Scientist (3)
ทะเบียนเลขที่ ว-204-ก-0027

Approved by

Kanokkorn Anek
Kanokkorn Anek
Assistant General Manager
ทะเบียนเลขที่ ว-204-ก-0004

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Analysis / Test Report



TESTING
No.0009

Client : Bridgestone Metalpha (Thailand) Co., Ltd.
29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng,
Amphur Pluakdaeng, Rayong Thailand 21140
P/O : 4700062868
Project Name : EIA Monitoring
Project Location :

Lot ID: 2581424
Date Received : Sep 04, 2025
Date Reported : Sep 16, 2025
Report Number: 3393073-1

Page 2 of 2

Sample Number 2581424-1
Sampled Date Sep 04, 2025
Sample Description Emission from Stationary Source
Location HCl Recovery
Date Analysis Commenced Sep 06, 2025
Condition of Sample Extracted into one amber plastic bottle, refrigerated

Stack Description

Ambient Pressure	749	mmHg	Diameter	0.30	m	Oxygen	20.9	%
Ambient Temperature	31.2	°C	Shape	Circle		Carbon Dioxide	0.0	%
Type of Process	Process		Stack Temperature	32.4	°C	Gas Velocity	2.8	m/s
Type of Fuel	-		Moisture	2.76	%	Flow Rate (Actual O2)	659	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result Emission Rate	Guideline (1)	Guideline (2)	Method	Testing Location
Air Testing									
Hydrogen Chloride *	09:40 AM - 10:40 AM	g/s	-	-	0.00004	0.082	-	Calculated	Bangkok

Guideline : 1) Environmental Impact Assessment Report of Bridgestone Metalpha (Thailand) Co., Ltd.
2) Notification of the Ministry of Industry 2006 (B.E. 2549) Published in the Royal Government Gazette, Vol.123 Special Part 125 D, dated December 4, 2006 (B.E. 2549)

Sampling By : Sittipan Sanachiv ทะเบียนเลขที่ ว-323-ก-0009

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- Analyte(s) marked * is/are not included in scope of Accreditation ISO/IEC 17025.

Technical Management

Orawan R.
Orawan Rakyong
Scientist (3)
ทะเบียนเลขที่ ว-204-ก-0027

Approved by

Kanokkorn Anek
Kanokkorn Anek
Assistant General Manager
ทะเบียนเลขที่ ว-204-ก-0004

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Analysis / Test Report

Client : Bridgestone Metalpha (Thailand) Co., Ltd.
29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng,
Amphur Pluakdaeng, Rayong Thailand 21140
P/O : 4700062868
Project Name : EIA Monitoring
Project Location :

Lot ID: 2581425
Date Received : Sep 04, 2025
Date Reported : Sep 16, 2025
Report Number: 3393074-1

Page 1 of 2

Sample Number 2581425-1
Sampled Date Sep 04, 2025
Sample Description Emission from Stationary Source
Location P-Cu Scrubber
Date Analysis Commenced Sep 06, 2025
Condition of Sample Extracted into one filter paper placed in plastic petri dish

Stack Description

Ambient Pressure	749	mmHg	Diameter	0.70	m	Oxygen	20.9	%
Ambient Temperature	31.2	°C	Shape	Circle		Carbon Dioxide	0.0	%
Type of Process	Process		Stack Temperature	29.3	°C	Gas Velocity	13.9	m/s
Type of Fuel	-		Moisture	3.26	%	Flow Rate (Actual O2)	18140	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Metals Testing									
Copper	01:55 PM - 02:49 PM	mg/m3	-	0.01	<0.01	0.01	30	U.S. Environmental Protection Agency, EPA Method 29	Bangkok

Guideline : 1) Environmental Impact Assessment Report of Bridgestone Metalpha (Thailand) Co., Ltd.
2) Notification of the Ministry of Industry 2006 (B.E. 2549) Published in the Royal Government Gazette, Vol.123 Special Part 125 D, dated December 4, 2006 (B.E. 2549)

Technical Management

Savitree N.
Savitree Noisangiam
Manager
ทะเบียนเลขที่ ว-204-ก-0007

Approved by

Kanokorn Anek
Kanokorn Anek
Assistant General Manager
ทะเบียนเลขที่ ว-204-ก-0004

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Amphur Pluakdaeng, Rayong Thailand 21140
P/O : 4700062868
Project Name : EIA Monitoring
Project Location :

Lot ID: 2581425
Date Received : Sep 04, 2025
Date Reported : Sep 16, 2025
Report Number: 3393074-1

Page 2 of 2

Sample Number 2581425-1
Sampled Date Sep 04, 2025
Sample Description Emission from Stationary Source
Location P-Cu Scrubber
Date Analysis Commenced Sep 06, 2025
Condition of Sample Extracted into one filter paper placed in plastic petri dish

Stack Description

Ambient Pressure	749	mmHg	Diameter	0.70	m	Oxygen	20.9	%
Ambient Temperature	31.2	°C	Shape	Circle		Carbon Dioxide	0.0	%
Type of Process	Process		Stack Temperature	29.3	°C	Gas Velocity	13.9	m/s
Type of Fuel	-		Moisture	3.26	%	Flow Rate (Actual O2)	18140	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result Emission Rate	Guideline (1)	Guideline (2)	Method	Testing Location
Metals Testing									
Copper	01:55 PM - 02:49 PM	g/s	-	-	<0.00005	0.0000667	-	Calculated	Bangkok

Guideline : 1) Environmental Impact Assessment Report of Bridgestone Metalpha (Thailand) Co., Ltd.
2) Notification of the Ministry of Industry 2006 (B.E. 2549) Published in the Royal Government Gazette, Vol.123 Special Part 125 D, dated December 4, 2006 (B.E. 2549)

Sampling By : Sittipan Sanachiw ทะเบียนเลขที่ ว-323-ก-0009

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

Technical Management

Savitree N.
Savitree Noisangiam
Manager
ทะเบียนเลขที่ ว-204-ก-0007

Approved by

Kanokorn Anek
Kanokorn Anek
Assistant General Manager
ทะเบียนเลขที่ ว-204-ก-0004

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Analysis / Test Report

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Amphur Pluakdaeng, Rayong Thailand 21140
P/O : 4700062868
Project Name : EIA Monitoring
Project Location :

Lot ID: 2581427
Date Received : Sep 04, 2025
Date Reported : Sep 16, 2025
Report Number: 3393079-1

Page 1 of 2

Sample Number 2581427-1
Sampled Date Sep 04, 2025
Sample Description Emission from Stationary Source
Location S-Zn Scrubber
Date Analysis Commenced Sep 06, 2025
Condition of Sample Extracted into one filter paper placed in plastic petri dish

Stack Description

Ambient Pressure	749	mmHg	Diameter	0.70	m	Oxygen	20.9	%
Ambient Temperature	31.2	°C	Shape	Circle		Carbon Dioxide	0.0	%
Type of Process	Process		Stack Temperature	30.0	°C	Gas Velocity	9.6	m/s
Type of Fuel	-		Moisture	3.36	%	Flow Rate (Actual O2)	12505	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Metals Testing									
Zinc	03:10 PM - 04:10 PM	mg/m3	-	0.02	<0.02	0.023	-	U.S. Environmental Protection Agency, EPA Method 29	Bangkok

Guideline : 1) Environmental Impact Assessment Report of Bridgestone Metalpha (Thailand) Co., Ltd.
2) Notification of the Ministry of Industry 2006 (B.E. 2549) Published in the Royal Government Gazette, Vol.123 Special Part 125 D, dated December 4, 2006 (B.E. 2549)

Approved by

Savitree N.

Savitree Noisangiam
Manager

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Analysis / Test Report

Client : Bridgestone Metalpha (Thailand) Co., Ltd.
29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng,
Amphur Pluakdaeng, Rayong Thailand 21140
P/O : 4700062868
Project Name : EIA Monitoring
Project Location :

Lot ID: 2581427
Date Received : Sep 04, 2025
Date Reported : Sep 16, 2025
Report Number: 3393079-1

Page 2 of 2

Sample Number 2581427-1
Sampled Date Sep 04, 2025
Sample Description Emission from Stationary Source
Location S-Zn Scrubber
Date Analysis Commenced Sep 06, 2025
Condition of Sample Extracted into one filter paper placed in plastic petri dish

Stack Description

Ambient Pressure	749	mmHg	Diameter	0.70	m	Oxygen	20.9	%
Ambient Temperature	31.2	°C	Shape	Circle		Carbon Dioxide	0.0	%
Type of Process	Process		Stack Temperature	30.0	°C	Gas Velocity	9.6	m/s
Type of Fuel	-		Moisture	3.36	%	Flow Rate (Actual O2)	12505	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result Emission Rate	Guideline (1)	Guideline (2)	Method	Testing Location
Metals Testing									
Zinc	03:10 PM - 04:10 PM	g/s	-	-	<0.00007	0.0001534	-	Calculated	Bangkok

Guideline : 1) Environmental Impact Assessment Report of Bridgestone Metalpha (Thailand) Co., Ltd.
2) Notification of the Ministry of Industry 2006 (B.E. 2549) Published in the Royal Government Gazette, Vol.123 Special Part 125 D, dated December 4, 2006 (B.E. 2549)

Sampling By : Sittipan Sanachiw

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

Approved by

Savitree N.

Savitree Noisangiam
Manager

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ภาคผนวก ค-3

ระดับเสียงทั่วไป



Analysis / Test Report

TESTING
No.0042

Client : Bridgestone Metalpha (Thailand) Co., Ltd.

29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng, Amphur
Pluakdaeng, Rayong Thailand 21140

P/O : 4700062868

Project Name : EIA Monitoring

Project Location :

Lot ID: 2576805

Date Received : Sep 09, 2025

Date Reported : Sep 13, 2025

Report Number: 3406329-1

Page 1 of 1

Sample Number	2576805-1
Parameter	Noise (Leq 24 hrs.)
Location	ริมรั้วโรงงานด้านทิศเหนือ (N1) (GPS 47P 0734780, 1438482)
Measurement Date	Aug 29 - Aug 30, 2025
Measurement by	Sitpawit Suwannarat
Sound Level meter	Serial No. 709746

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	63.2	76.4	61.1
11:00 AM - 12:00 PM	62.9	71.7	61.2
12:00 PM - 01:00 PM	62.8	72.8	61.0
01:00 PM - 02:00 PM	62.6	73.8	61.0
02:00 PM - 03:00 PM	62.9	75.0	61.0
03:00 PM - 04:00 PM	62.9	75.9	60.9
04:00 PM - 05:00 PM	64.6	81.8	61.3
05:00 PM - 06:00 PM	63.1	71.2	61.3
06:00 PM - 07:00 PM	62.9	71.0	61.1
07:00 PM - 08:00 PM	63.1	71.6	61.2
08:00 PM - 09:00 PM	65.8	85.8	63.9
09:00 PM - 10:00 PM	63.2	69.2	61.4
10:00 PM - 11:00 PM	61.8	70.5	60.2
11:00 PM - 12:00 AM	62.1	72.4	60.6
12:00 AM - 01:00 AM	64.1	80.8	60.5
01:00 AM - 02:00 AM	61.4	68.7	59.8
02:00 AM - 03:00 AM	61.4	66.8	59.8
03:00 AM - 04:00 AM	61.6	67.3	60.1
04:00 AM - 05:00 AM	61.9	66.8	60.3
05:00 AM - 06:00 AM	61.8	68.3	60.4
06:00 AM - 07:00 AM	62.7	72.6	61.0
07:00 AM - 08:00 AM	63.3	75.5	61.1
08:00 AM - 09:00 AM	64.8	80.4	61.2
09:00 AM - 10:00 AM	62.4	75.5	60.1

Leq Average 24 hrs. (dB(A))	63.0		
Lmax (dB(A))		85.8	
L90 (dB(A))			61.0
Ldn (dB(A))	68.8		
Standard (dB(A))	70	115	

Reference Method : ISO 1996-1 : 2016

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการ
โรงงาน พ.ศ. 2548

Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : Bridgestone Metalpha (Thailand) Co., Ltd.

29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng, Amphur
Pluakdaeng, Rayong Thailand 21140

P/O : 4700062868

Project Name : EIA Monitoring

Project Location :

Lot ID: 2576805

Date Received : Sep 09, 2025

Date Reported : Sep 13, 2025

Report Number: 3406330-1

Page 1 of 1

Sample Number 2576805-2
Parameter Noise (Leq 24 hrs.)
Location ริมรั้วโรงงานด้านทิศเหนือ (N1) (GPS 47P 0734780, 1438482)
Measurement Date Aug 30 - Aug 31, 2025
Measurement by Sitpawit Suwannarat
Sound Level meter Serial No. 709746

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	62.4	75.6	60.1
11:00 AM - 12:00 PM	62.2	68.3	60.4
12:00 PM - 01:00 PM	62.2	72.4	60.3
01:00 PM - 02:00 PM	61.9	67.7	60.1
02:00 PM - 03:00 PM	62.2	75.8	60.2
03:00 PM - 04:00 PM	62.6	75.1	60.4
04:00 PM - 05:00 PM	64.4	81.2	61.0
05:00 PM - 06:00 PM	62.8	70.0	60.8
06:00 PM - 07:00 PM	62.8	72.0	60.7
07:00 PM - 08:00 PM	63.0	71.0	61.1
08:00 PM - 09:00 PM	62.8	75.7	60.9
09:00 PM - 10:00 PM	62.5	69.7	60.6
10:00 PM - 11:00 PM	62.6	69.2	60.6
11:00 PM - 12:00 AM	62.7	68.4	60.8
12:00 AM - 01:00 AM	64.6	81.2	61.2
01:00 AM - 02:00 AM	62.7	68.2	60.9
02:00 AM - 03:00 AM	62.8	70.8	61.0
03:00 AM - 04:00 AM	62.9	73.9	61.1
04:00 AM - 05:00 AM	63.0	72.5	61.2
05:00 AM - 06:00 AM	63.2	77.0	61.4
06:00 AM - 07:00 AM	63.1	69.6	61.1
07:00 AM - 08:00 AM	62.8	69.0	60.9
08:00 AM - 09:00 AM	64.6	80.1	61.0
09:00 AM - 10:00 AM	62.5	75.7	60.4

Leq Average 24 hrs. (dB(A)) 62.9
Lmax (dB(A)) 81.2
L90 (dB(A)) 60.8
Ldn (dB(A)) 69.5
Standard (dB(A)) 70 115

Reference Method : ISO 1996-1 : 2016

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการ
โรงงาน พ.ศ. 2548

Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

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Analysis / Test Report

TESTING
No.0042

Client : Bridgestone Metalpha (Thailand) Co., Ltd.

29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng, Amphur
Pluakdaeng, Rayong Thailand 21140

P/O : 4700062868

Project Name : EIA Monitoring

Project Location :

Lot ID: 2576805

Date Received : Sep 09, 2025

Date Reported : Sep 13, 2025

Report Number: 3406331-1

Page 1 of 1

Sample Number 2576805-3
Parameter Noise (Leq 24 hrs.)
Location ริมรั้วโรงงานด้านทิศเหนือ (N1) (GPS 47P 0734780, 1438482)
Measurement Date Aug 31 - Sep 01, 2025
Measurement by Sitpawit Suwannarat
Sound Level meter Serial No. 709746

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	62.3	75.2	60.4
11:00 AM - 12:00 PM	62.1	68.0	60.5
12:00 PM - 01:00 PM	61.5	68.5	60.0
01:00 PM - 02:00 PM	59.9	69.4	58.4
02:00 PM - 03:00 PM	61.2	75.9	59.4
03:00 PM - 04:00 PM	61.8	75.5	59.7
04:00 PM - 05:00 PM	63.9	79.8	60.2
05:00 PM - 06:00 PM	61.8	68.4	59.8
06:00 PM - 07:00 PM	61.9	68.9	60.0
07:00 PM - 08:00 PM	62.0	75.0	60.2
08:00 PM - 09:00 PM	62.0	73.0	60.2
09:00 PM - 10:00 PM	61.6	68.2	59.6
10:00 PM - 11:00 PM	62.1	68.9	60.1
11:00 PM - 12:00 AM	62.7	69.6	60.6
12:00 AM - 01:00 AM	64.7	80.6	61.1
01:00 AM - 02:00 AM	62.8	68.9	60.6
02:00 AM - 03:00 AM	62.8	69.6	60.8
03:00 AM - 04:00 AM	62.8	68.6	60.9
04:00 AM - 05:00 AM	62.9	68.6	61.0
05:00 AM - 06:00 AM	63.0	69.1	61.2
06:00 AM - 07:00 AM	63.0	76.3	61.0
07:00 AM - 08:00 AM	63.7	72.5	61.7
08:00 AM - 09:00 AM	65.0	81.1	61.2
09:00 AM - 10:00 AM	62.3	75.4	60.5

Leq Average 24 hrs. (dB(A)) 62.6
Lmax (dB(A)) 81.1
L90 (dB(A)) 60.4
Ldn (dB(A)) 69.3
Standard (dB(A)) 70 115

Reference Method : ISO 1996-1 : 2016

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการ
โรงงาน พ.ศ. 2548

Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

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Supot Salamteh
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Analysis / Test Report

TESTING
No.0042

Client : Bridgestone Metalpha (Thailand) Co., Ltd.

29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng, Amphur
Pluakdaeng, Rayong Thailand 21140

P/O : 4700062868

Project Name : EIA Monitoring

Project Location :

Lot ID: 2576805

Date Received : Sep 09, 2025

Date Reported : Sep 13, 2025

Report Number: 3406332-1

Page 1 of 1

Sample Number 2576805-4
Parameter Noise (Leq 24 hrs.)
Location ริมรั้วโรงงานด้านทิศเหนือ (N1) (GPS 47P 0734780, 1438482)
Measurement Date Sep 01 - Sep 02, 2025
Measurement by Sitpawit Suwannarat
Sound Level meter Serial No. 709746

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	62.3	76.3	60.5
11:00 AM - 12:00 PM	62.3	78.7	60.7
12:00 PM - 01:00 PM	62.0	74.5	60.5
01:00 PM - 02:00 PM	61.8	69.7	60.3
02:00 PM - 03:00 PM	62.2	75.4	60.4
03:00 PM - 04:00 PM	62.4	75.1	60.5
04:00 PM - 05:00 PM	64.4	80.3	61.0
05:00 PM - 06:00 PM	62.8	71.6	61.1
06:00 PM - 07:00 PM	62.7	69.0	61.0
07:00 PM - 08:00 PM	63.0	72.5	61.3
08:00 PM - 09:00 PM	63.1	70.2	61.4
09:00 PM - 10:00 PM	62.0	68.6	60.4
10:00 PM - 11:00 PM	61.3	73.0	59.8
11:00 PM - 12:00 AM	61.7	77.3	60.2
12:00 AM - 01:00 AM	64.0	80.6	60.5
01:00 AM - 02:00 AM	61.1	71.4	59.8
02:00 AM - 03:00 AM	61.2	67.0	59.9
03:00 AM - 04:00 AM	61.5	68.0	60.2
04:00 AM - 05:00 AM	61.5	67.3	60.2
05:00 AM - 06:00 AM	60.8	75.7	59.5
06:00 AM - 07:00 AM	60.8	71.8	59.5
07:00 AM - 08:00 AM	63.4	83.8	61.4
08:00 AM - 09:00 AM	64.7	80.0	61.2
09:00 AM - 10:00 AM	61.9	75.8	60.2

Leq Average 24 hrs. (dB(A)) 62.4
Lmax (dB(A)) 83.8
L90 (dB(A)) 60.4
Ldn (dB(A)) 68.3
Standard (dB(A)) 70 115

Reference Method : ISO 1996-1 : 2016

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการ
โรงงาน พ.ศ. 2548

Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

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Supot Salamteh
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Analysis / Test Report

TESTING
No.0042

Client : Bridgestone Metalpha (Thailand) Co., Ltd.

29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng, Amphur
Pluakdaeng, Rayong Thailand 21140

P/O : 4700062868

Project Name : EIA Monitoring

Project Location :

Lot ID: 2576805

Date Received : Sep 09, 2025

Date Reported : Sep 13, 2025

Report Number: 3406333-1

Page 1 of 1

Sample Number 2576805-5
Parameter Noise (Leq 24 hrs.)
Location ริมรั้วโรงงานด้านทิศเหนือ (N1) (GPS 47P 0734780, 1438482)
Measurement Date Sep 02 - Sep 03, 2025
Measurement by Sitpawit Suwannarat
Sound Level meter Serial No. 709746

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	64.7	81.6	62.6
11:00 AM - 12:00 PM	66.9	77.1	64.8
12:00 PM - 01:00 PM	62.5	76.1	60.8
01:00 PM - 02:00 PM	62.8	74.1	61.0
02:00 PM - 03:00 PM	63.4	76.2	61.2
03:00 PM - 04:00 PM	63.4	74.6	61.4
04:00 PM - 05:00 PM	65.2	80.6	62.1
05:00 PM - 06:00 PM	63.5	72.1	61.5
06:00 PM - 07:00 PM	63.7	70.9	61.7
07:00 PM - 08:00 PM	63.7	69.7	61.7
08:00 PM - 09:00 PM	63.6	70.2	61.7
09:00 PM - 10:00 PM	63.3	69.4	61.3
10:00 PM - 11:00 PM	63.2	70.8	61.2
11:00 PM - 12:00 AM	63.5	74.9	61.3
12:00 AM - 01:00 AM	64.9	81.0	61.6
01:00 AM - 02:00 AM	63.1	80.0	61.1
02:00 AM - 03:00 AM	63.0	68.5	61.1
03:00 AM - 04:00 AM	63.2	70.8	61.4
04:00 AM - 05:00 AM	68.8	77.2	67.0
05:00 AM - 06:00 AM	67.1	72.2	66.2
06:00 AM - 07:00 AM	64.5	75.8	62.9
07:00 AM - 08:00 AM	64.1	79.0	62.1
08:00 AM - 09:00 AM	65.0	80.9	61.8
09:00 AM - 10:00 AM	63.0	76.2	60.8

Leq Average 24 hrs. (dB(A)) 64.5
Lmax (dB(A)) 81.6
L90 (dB(A)) 61.5
Ldn (dB(A)) 71.3
Standard (dB(A)) 70 115

Reference Method : ISO 1996-1 : 2016

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการ
โรงงาน พ.ศ. 2548

Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

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Analysis / Test Report

TESTING
No.0042

Client : Bridgestone Metalpha (Thailand) Co., Ltd.

29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng, Amphur
Pluakdaeng, Rayong Thailand 21140

P/O : 4700062868

Project Name : EIA Monitoring

Project Location :

Lot ID: 2576805

Date Received : Sep 09, 2025

Date Reported : Sep 13, 2025

Report Number: 3406334-1

Page 1 of 1

Sample Number 2576805-6
Parameter Noise (Leq 24 hrs.)
Location ริมรั้วโรงงานด้านทิศเหนือ (N1) (GPS 47P 0734780, 1438482)
Measurement Date Sep 03 - Sep 04, 2025
Measurement by Sitpawit Suwannarat
Sound Level meter Serial No. 709746

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	62.2	68.9	60.8
11:00 AM - 12:00 PM	62.3	68.9	60.9
12:00 PM - 01:00 PM	63.1	87.4	60.9
01:00 PM - 02:00 PM	62.4	71.1	60.9
02:00 PM - 03:00 PM	62.0	75.9	59.8
03:00 PM - 04:00 PM	61.1	82.7	59.3
04:00 PM - 05:00 PM	63.5	80.8	59.8
05:00 PM - 06:00 PM	61.2	73.4	60.0
06:00 PM - 07:00 PM	61.0	72.0	59.7
07:00 PM - 08:00 PM	61.6	69.0	60.2
08:00 PM - 09:00 PM	61.5	68.6	60.1
09:00 PM - 10:00 PM	60.8	72.9	59.5
10:00 PM - 11:00 PM	61.4	67.8	60.1
11:00 PM - 12:00 AM	63.5	74.4	61.8
12:00 AM - 01:00 AM	64.8	80.8	61.9
01:00 AM - 02:00 AM	69.0	85.4	68.1
02:00 AM - 03:00 AM	66.0	72.6	64.9
03:00 AM - 04:00 AM	64.6	71.3	63.3
04:00 AM - 05:00 AM	64.7	69.7	63.4
05:00 AM - 06:00 AM	64.5	71.0	63.1
06:00 AM - 07:00 AM	63.6	74.6	61.7
07:00 AM - 08:00 AM	64.1	74.2	62.2
08:00 AM - 09:00 AM	65.6	82.2	62.2
09:00 AM - 10:00 AM	63.1	75.5	61.1

Leq Average 24 hrs. (dB(A)) 63.7
Lmax (dB(A)) 87.4
L90 (dB(A)) 60.9
Ldn (dB(A)) 71.3
Standard (dB(A)) 70 115

Reference Method : ISO 1996-1 : 2016

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการ
โรงงาน พ.ศ. 2548

Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management

Thanita K.

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Scientist (4)

Approved by

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Supot Salamteh
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Analysis / Test Report

TESTING
No.0042

Client : Bridgestone Metalpha (Thailand) Co., Ltd.

29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng, Amphur
Pluakdaeng, Rayong Thailand 21140

P/O : 4700062868

Project Name : EIA Monitoring

Project Location :

Lot ID: 2576805

Date Received : Sep 09, 2025

Date Reported : Sep 13, 2025

Report Number: 3406335-1

Page 1 of 1

Sample Number 2576805-7
Parameter Noise (Leq 24 hrs.)
Location ริมรั้วโรงงานด้านทิศเหนือ (N1) (GPS 47P 0734780, 1438482)
Measurement Date Sep 04 - Sep 05, 2025
Measurement by Sitpawit Suwannarat
Sound Level meter Serial No. 709746

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	62.5	69.3	61.0
11:00 AM - 12:00 PM	62.7	71.0	61.2
12:00 PM - 01:00 PM	62.4	71.7	60.9
01:00 PM - 02:00 PM	62.6	75.6	60.9
02:00 PM - 03:00 PM	63.3	75.8	61.4
03:00 PM - 04:00 PM	64.2	74.2	62.9
04:00 PM - 05:00 PM	64.8	80.5	62.0
05:00 PM - 06:00 PM	62.8	71.8	61.2
06:00 PM - 07:00 PM	62.9	69.2	61.2
07:00 PM - 08:00 PM	63.4	71.2	61.8
08:00 PM - 09:00 PM	63.2	68.6	61.6
09:00 PM - 10:00 PM	62.9	75.3	61.2
10:00 PM - 11:00 PM	62.8	68.6	61.1
11:00 PM - 12:00 AM	63.1	74.1	61.1
12:00 AM - 01:00 AM	64.5	80.4	61.4
01:00 AM - 02:00 AM	62.6	78.9	60.9
02:00 AM - 03:00 AM	62.6	71.0	60.9
03:00 AM - 04:00 AM	62.9	83.6	61.3
04:00 AM - 05:00 AM	63.1	71.0	61.7
05:00 AM - 06:00 AM	61.6	68.8	60.1
06:00 AM - 07:00 AM	61.3	76.4	59.8
07:00 AM - 08:00 AM	62.7	74.9	61.0
08:00 AM - 09:00 AM	64.6	81.4	61.1
09:00 AM - 10:00 AM	62.2	75.9	60.2

Leq Average 24 hrs. (dB(A)) 63.1
Lmax (dB(A)) 83.6
L90 (dB(A)) 61.1
Ldn (dB(A)) 69.3
Standard (dB(A)) 70 115

Reference Method : ISO 1996-1 : 2016

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการ
โรงงาน พ.ศ. 2548

Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management

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Approved by

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Analysis / Test Report

TESTING
No.0042

Client : Bridgestone Metalpha (Thailand) Co., Ltd.

29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng, Amphur
Pluakdaeng, Rayong Thailand 21140

P/O : 4700062868

Project Name : EIA Monitoring

Project Location :

Lot ID: 2576805

Date Received : Sep 09, 2025

Date Reported : Sep 13, 2025

Report Number: 3406336-1

Page 1 of 1

Sample Number 2576805-8
Parameter Noise (Leq 24 hrs.)
Location ริมรั้วโรงงานด้านทิศตะวันตก (N2) (GPS 47P 0734482, 1438459)
Measurement Date Aug 29 - Aug 30, 2025
Measurement by Sitpawit Suwannarat
Sound Level meter Serial No. 900074

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	69.6	92.7	68.2
11:00 AM - 12:00 PM	69.6	92.0	68.1
12:00 PM - 01:00 PM	69.5	93.4	68.0
01:00 PM - 02:00 PM	69.6	92.5	68.3
02:00 PM - 03:00 PM	69.8	93.1	68.4
03:00 PM - 04:00 PM	69.8	92.6	68.2
04:00 PM - 05:00 PM	69.8	92.2	68.4
05:00 PM - 06:00 PM	69.8	92.5	68.3
06:00 PM - 07:00 PM	69.9	92.5	68.3
07:00 PM - 08:00 PM	68.7	91.7	67.2
08:00 PM - 09:00 PM	68.8	91.8	67.4
09:00 PM - 10:00 PM	68.9	91.6	67.4
10:00 PM - 11:00 PM	68.8	91.6	67.3
11:00 PM - 12:00 AM	68.9	92.1	67.3
12:00 AM - 01:00 AM	68.3	92.1	66.9
01:00 AM - 02:00 AM	68.6	91.5	67.1
02:00 AM - 03:00 AM	68.6	91.7	67.2
03:00 AM - 04:00 AM	68.7	91.7	67.3
04:00 AM - 05:00 AM	68.7	91.9	67.1
05:00 AM - 06:00 AM	68.3	91.7	67.1
06:00 AM - 07:00 AM	68.8	91.8	67.3
07:00 AM - 08:00 AM	68.1	91.9	66.7
08:00 AM - 09:00 AM	67.8	91.1	66.1
09:00 AM - 10:00 AM	68.4	91.4	66.5

Leq Average 24 hrs. (dB(A)) 69.0
Lmax (dB(A)) 93.4
L90 (dB(A)) 67.3
Ldn (dB(A)) 75.1
Standard (dB(A)) 70 115

Reference Method : ISO 1996-1 : 2016

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการ
โรงงาน พ.ศ. 2548

Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Life Sciences

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Analysis / Test Report

TESTING
No.0042

Client : Bridgestone Metalpha (Thailand) Co., Ltd.

29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng, Amphur
Pluakdaeng, Rayong Thailand 21140

P/O : 4700062868

Project Name : EIA Monitoring

Project Location :

Lot ID: 2576805

Date Received : Sep 09, 2025

Date Reported : Sep 13, 2025

Report Number: 3406337-1

Page 1 of 1

Sample Number 2576805-9
Parameter Noise (Leq 24 hrs.)
Location ริมรั้วโรงงานด้านทิศตะวันตก (N2) (GPS 47P 0734482, 1438459)
Measurement Date Aug 30 - Aug 31, 2025
Measurement by Sitpawit Suwannarat
Sound Level meter Serial No. 900074

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	67.9	91.5	66.4
11:00 AM - 12:00 PM	68.1	91.8	66.3
12:00 PM - 01:00 PM	67.5	91.7	66.1
01:00 PM - 02:00 PM	68.0	91.6	66.0
02:00 PM - 03:00 PM	67.9	91.1	66.2
03:00 PM - 04:00 PM	68.3	91.6	66.4
04:00 PM - 05:00 PM	67.9	91.1	66.4
05:00 PM - 06:00 PM	68.3	91.8	66.7
06:00 PM - 07:00 PM	68.7	92.1	67.2
07:00 PM - 08:00 PM	68.5	92.1	66.9
08:00 PM - 09:00 PM	68.7	91.9	67.1
09:00 PM - 10:00 PM	68.8	91.5	67.3
10:00 PM - 11:00 PM	69.0	91.3	67.4
11:00 PM - 12:00 AM	68.6	91.8	67.3
12:00 AM - 01:00 AM	68.4	91.4	66.9
01:00 AM - 02:00 AM	68.5	91.9	66.9
02:00 AM - 03:00 AM	68.5	91.8	67.0
03:00 AM - 04:00 AM	68.6	91.8	67.1
04:00 AM - 05:00 AM	68.5	91.6	67.1
05:00 AM - 06:00 AM	68.7	91.6	67.2
06:00 AM - 07:00 AM	68.7	92.2	67.2
07:00 AM - 08:00 AM	68.2	91.5	66.7
08:00 AM - 09:00 AM	68.2	91.4	66.5
09:00 AM - 10:00 AM	68.0	91.4	66.2

Leq Average 24 hrs. (dB(A)) 68.4
Lmax (dB(A)) 92.2
L90 (dB(A)) 66.9
Ldn (dB(A)) 75.0
Standard (dB(A)) 70 115

Reference Method : ISO 1996-1 : 2016

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการ
โรงงาน พ.ศ. 2548

Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
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Life Sciences

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Analysis / Test Report

TESTING
No.0042

Client : Bridgestone Metalpha (Thailand) Co., Ltd.

29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng, Amphur
Pluakdaeng, Rayong Thailand 21140

P/O : 4700062868

Project Name : EIA Monitoring

Project Location :

Lot ID: 2576805

Date Received : Sep 09, 2025

Date Reported : Sep 13, 2025

Report Number: 3406338-1

Page 1 of 1

Sample Number 2576805-10
Parameter Noise (Leq 24 hrs.)
Location ริมรั้วโรงงานด้านทิศตะวันตก (N2) (GPS 47P 0734482, 1438459)
Measurement Date Aug 31 - Sep 01, 2025
Measurement by Sitpawit Suwannarat
Sound Level meter Serial No. 900074

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	67.7	93.3	66.0
11:00 AM - 12:00 PM	67.8	91.5	66.0
12:00 PM - 01:00 PM	67.2	91.4	65.6
01:00 PM - 02:00 PM	67.8	91.0	66.1
02:00 PM - 03:00 PM	68.0	90.9	66.4
03:00 PM - 04:00 PM	68.2	91.1	66.4
04:00 PM - 05:00 PM	68.2	92.1	66.5
05:00 PM - 06:00 PM	67.7	91.8	66.3
06:00 PM - 07:00 PM	68.0	91.8	66.4
07:00 PM - 08:00 PM	67.9	91.6	66.6
08:00 PM - 09:00 PM	68.9	91.6	67.4
09:00 PM - 10:00 PM	69.3	92.3	67.5
10:00 PM - 11:00 PM	69.1	92.4	67.4
11:00 PM - 12:00 AM	68.9	91.6	67.5
12:00 AM - 01:00 AM	68.3	91.1	67.0
01:00 AM - 02:00 AM	69.2	92.4	67.4
02:00 AM - 03:00 AM	69.3	91.7	67.4
03:00 AM - 04:00 AM	69.0	91.5	67.4
04:00 AM - 05:00 AM	68.5	91.4	67.1
05:00 AM - 06:00 AM	68.2	91.8	66.8
06:00 AM - 07:00 AM	68.1	91.4	66.7
07:00 AM - 08:00 AM	67.9	91.3	66.4
08:00 AM - 09:00 AM	67.3	92.0	65.9
09:00 AM - 10:00 AM	67.9	91.1	66.0

Leq Average 24 hrs. (dB(A)) 68.3
Lmax (dB(A)) 93.3
L90 (dB(A)) 66.5
Ldn (dB(A)) 75.1
Standard (dB(A)) 70 115

Reference Method : ISO 1996-1 : 2016

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการ
โรงงาน พ.ศ. 2548

Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

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Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : Bridgestone Metalpha (Thailand) Co., Ltd.

29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng, Amphur
Pluakdaeng, Rayong Thailand 21140

P/O : 4700062868

Project Name : EIA Monitoring

Project Location :

Lot ID: 2576805

Date Received : Sep 09, 2025

Date Reported : Sep 13, 2025

Report Number: 3406339-1

Page 1 of 1

Sample Number 2576805-11
Parameter Noise (Leq 24 hrs.)
Location ริมรั้วโรงงานด้านทิศตะวันตก (N2) (GPS 47P 0734482, 1438459)
Measurement Date Sep 01 - Sep 02, 2025
Measurement by Sitpawit Suwannarat
Sound Level meter Serial No. 900074

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	67.9	91.0	66.1
11:00 AM - 12:00 PM	67.8	91.3	66.1
12:00 PM - 01:00 PM	67.6	93.6	65.9
01:00 PM - 02:00 PM	67.5	92.2	65.9
02:00 PM - 03:00 PM	67.8	91.7	66.0
03:00 PM - 04:00 PM	68.4	92.3	66.7
04:00 PM - 05:00 PM	68.3	91.9	66.9
05:00 PM - 06:00 PM	68.5	92.1	66.8
06:00 PM - 07:00 PM	68.5	92.0	67.1
07:00 PM - 08:00 PM	68.5	92.4	67.1
08:00 PM - 09:00 PM	68.7	91.7	67.2
09:00 PM - 10:00 PM	68.7	91.5	67.2
10:00 PM - 11:00 PM	68.7	91.3	67.3
11:00 PM - 12:00 AM	68.7	91.7	67.3
12:00 AM - 01:00 AM	68.2	91.5	66.9
01:00 AM - 02:00 AM	68.7	91.8	67.1
02:00 AM - 03:00 AM	68.6	91.4	67.3
03:00 AM - 04:00 AM	68.8	91.8	67.3
04:00 AM - 05:00 AM	68.5	91.5	67.1
05:00 AM - 06:00 AM	68.5	91.7	67.2
06:00 AM - 07:00 AM	68.7	91.6	67.2
07:00 AM - 08:00 AM	68.0	91.0	66.7
08:00 AM - 09:00 AM	67.5	91.0	66.0
09:00 AM - 10:00 AM	67.8	92.0	66.2

Leq Average 24 hrs. (dB(A)) 68.3
Lmax (dB(A)) 93.6
L90 (dB(A)) 66.9
Ldn (dB(A)) 75.0
Standard (dB(A)) 70 115

Reference Method : ISO 1996-1 : 2016

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการ
โรงงาน พ.ศ. 2548

Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : Bridgestone Metalpha (Thailand) Co., Ltd.

29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng, Amphur
Pluakdaeng, Rayong Thailand 21140

P/O : 4700062868

Project Name : EIA Monitoring

Project Location :

Lot ID: 2576805

Date Received : Sep 09, 2025

Date Reported : Sep 13, 2025

Report Number: 3406340-1

Page 1 of 1

Sample Number 2576805-12
Parameter Noise (Leq 24 hrs.)
Location ริมรั้วโรงงานด้านทิศตะวันตก (N2) (GPS 47P 0734482, 1438459)
Measurement Date Sep 02 - Sep 03, 2025
Measurement by Sitpawit Suwannarat
Sound Level meter Serial No. 900074

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	68.5	91.7	67.0
11:00 AM - 12:00 PM	69.1	92.7	67.9
12:00 PM - 01:00 PM	68.8	92.6	67.3
01:00 PM - 02:00 PM	68.9	92.4	67.4
02:00 PM - 03:00 PM	69.3	91.7	68.0
03:00 PM - 04:00 PM	69.1	91.7	67.9
04:00 PM - 05:00 PM	69.0	91.1	67.8
05:00 PM - 06:00 PM	68.9	91.6	67.7
06:00 PM - 07:00 PM	69.2	91.6	67.9
07:00 PM - 08:00 PM	69.2	91.3	68.1
08:00 PM - 09:00 PM	69.2	91.7	68.0
09:00 PM - 10:00 PM	69.0	92.0	67.9
10:00 PM - 11:00 PM	69.2	92.2	67.9
11:00 PM - 12:00 AM	69.0	91.7	67.9
12:00 AM - 01:00 AM	69.0	91.7	67.8
01:00 AM - 02:00 AM	69.1	91.8	67.8
02:00 AM - 03:00 AM	69.2	91.4	67.9
03:00 AM - 04:00 AM	69.3	91.8	67.9
04:00 AM - 05:00 AM	69.1	91.8	68.0
05:00 AM - 06:00 AM	69.3	91.6	68.5
06:00 AM - 07:00 AM	69.7	89.2	68.8
07:00 AM - 08:00 AM	69.4	80.5	68.6
08:00 AM - 09:00 AM	69.2	91.7	68.0
09:00 AM - 10:00 AM	68.6	91.8	67.1

Leq Average 24 hrs. (dB(A)) 69.1
Lmax (dB(A)) 92.7
L90 (dB(A)) 67.9
Ldn (dB(A)) 75.6
Standard (dB(A)) 70 115

Reference Method : ISO 1996-1 : 2016

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการ
โรงงาน พ.ศ. 2548

Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : Bridgestone Metalpha (Thailand) Co., Ltd.

29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng, Amphur
Pluakdaeng, Rayong Thailand 21140

P/O : 4700062868

Project Name : EIA Monitoring

Project Location :

Lot ID: 2576805

Date Received : Sep 09, 2025

Date Reported : Sep 13, 2025

Report Number: 3406341-1

Page 1 of 1

Sample Number 2576805-13
Parameter Noise (Leq 24 hrs.)
Location ริมรั้วโรงงานด้านทิศตะวันตก (N2) (GPS 47P 0734482, 1438459)
Measurement Date Sep 03 - Sep 04, 2025
Measurement by Sitpawit Suwannarat
Sound Level meter Serial No. 900074

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	68.2	92.3	66.8
11:00 AM - 12:00 PM	68.1	91.6	66.6
12:00 PM - 01:00 PM	68.1	92.3	66.5
01:00 PM - 02:00 PM	68.1	91.8	66.7
02:00 PM - 03:00 PM	68.4	91.7	66.9
03:00 PM - 04:00 PM	68.8	91.4	67.4
04:00 PM - 05:00 PM	69.0	92.3	67.7
05:00 PM - 06:00 PM	69.2	91.9	68.0
06:00 PM - 07:00 PM	69.6	91.9	68.4
07:00 PM - 08:00 PM	69.6	90.9	68.5
08:00 PM - 09:00 PM	69.5	91.7	68.3
09:00 PM - 10:00 PM	69.6	91.8	68.4
10:00 PM - 11:00 PM	69.5	91.5	68.4
11:00 PM - 12:00 AM	69.2	91.5	68.1
12:00 AM - 01:00 AM	69.3	91.8	68.4
01:00 AM - 02:00 AM	69.6	80.7	68.8
02:00 AM - 03:00 AM	69.5	80.2	68.8
03:00 AM - 04:00 AM	69.5	80.5	68.7
04:00 AM - 05:00 AM	69.4	91.3	68.5
05:00 AM - 06:00 AM	69.3	91.6	68.3
06:00 AM - 07:00 AM	69.6	91.1	68.6
07:00 AM - 08:00 AM	69.4	91.3	68.4
08:00 AM - 09:00 AM	69.3	91.7	68.1
09:00 AM - 10:00 AM	68.4	91.6	67.2

Leq Average 24 hrs. (dB(A)) 69.1
Lmax (dB(A)) 92.3
L90 (dB(A)) 68.3
Ldn (dB(A)) 75.8
Standard (dB(A)) 70 115

Reference Method : ISO 1996-1 : 2016

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการ
โรงงาน พ.ศ. 2548

Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : Bridgestone Metalpha (Thailand) Co., Ltd.

29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng, Amphur
Pluakdaeng, Rayong Thailand 21140

P/O : 4700062868

Project Name : EIA Monitoring

Project Location :

Lot ID: 2576805

Date Received : Sep 09, 2025

Date Reported : Sep 13, 2025

Report Number: 3406342-1

Page 1 of 1

Sample Number 2576805-14
Parameter Noise (Leq 24 hrs.)
Location ริมรั้วโรงงานด้านทิศตะวันตก (N2) (GPS 47P 0734482, 1438459)
Measurement Date Sep 04 - Sep 05, 2025
Measurement by Sitpawit Suwannarat
Sound Level meter Serial No. 900074

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	68.2	91.8	66.7
11:00 AM - 12:00 PM	68.3	91.8	66.8
12:00 PM - 01:00 PM	68.4	91.8	67.0
01:00 PM - 02:00 PM	68.6	92.7	67.1
02:00 PM - 03:00 PM	69.0	92.4	67.6
03:00 PM - 04:00 PM	69.4	91.9	68.3
04:00 PM - 05:00 PM	69.3	91.8	68.3
05:00 PM - 06:00 PM	69.0	92.0	67.8
06:00 PM - 07:00 PM	69.2	91.7	67.8
07:00 PM - 08:00 PM	69.1	91.6	67.8
08:00 PM - 09:00 PM	69.2	91.7	67.9
09:00 PM - 10:00 PM	69.4	92.9	68.3
10:00 PM - 11:00 PM	69.3	91.6	68.3
11:00 PM - 12:00 AM	69.4	91.5	68.3
12:00 AM - 01:00 AM	69.2	91.8	68.2
01:00 AM - 02:00 AM	69.2	91.5	68.3
02:00 AM - 03:00 AM	69.5	91.5	68.4
03:00 AM - 04:00 AM	69.5	92.6	68.3
04:00 AM - 05:00 AM	69.5	92.2	68.2
05:00 AM - 06:00 AM	69.5	92.7	68.4
06:00 AM - 07:00 AM	69.6	92.9	68.5
07:00 AM - 08:00 AM	69.5	91.5	68.4
08:00 AM - 09:00 AM	68.4	92.1	66.9
09:00 AM - 10:00 AM	68.2	91.9	66.7

Leq Average 24 hrs. (dB(A)) 69.1
Lmax (dB(A)) 92.9
L90 (dB(A)) 68.2
Ldn (dB(A)) 75.8
Standard (dB(A)) 70 115

Reference Method : ISO 1996-1 : 2016

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการ
โรงงาน พ.ศ. 2548

Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Life Sciences

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RIGHT SOLUTIONS RIGHT PARTNER



Analysis / Test Report

TESTING
No.0042

Client : Bridgestone Metalpha (Thailand) Co., Ltd.

29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng, Amphur
Pluakdaeng, Rayong Thailand 21140

P/O : 4700062868

Project Name : EIA Monitoring

Project Location :

Lot ID: 2576805

Date Received : Sep 09, 2025

Date Reported : Sep 13, 2025

Report Number: 3406343-1

Page 1 of 1

Sample Number 2576805-15
Parameter Noise (Leq 24 hrs.)
Location ริมรั้วโรงงานด้านทิศใต้ (N3) (GPS 47P 0734482, 1438459)
Measurement Date Aug 29 - Aug 30, 2025
Measurement by Sitpawit Suwannarat
Sound Level meter Serial No. 900073

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	59.9	81.2	57.0
11:00 AM - 12:00 PM	58.5	75.5	55.9
12:00 PM - 01:00 PM	57.7	69.2	55.7
01:00 PM - 02:00 PM	58.9	76.8	57.0
02:00 PM - 03:00 PM	60.3	82.1	57.8
03:00 PM - 04:00 PM	60.1	83.0	56.4
04:00 PM - 05:00 PM	59.7	80.7	57.3
05:00 PM - 06:00 PM	58.6	66.3	57.3
06:00 PM - 07:00 PM	58.0	67.5	56.3
07:00 PM - 08:00 PM	60.2	80.4	57.7
08:00 PM - 09:00 PM	58.4	64.5	57.2
09:00 PM - 10:00 PM	58.5	64.8	57.0
10:00 PM - 11:00 PM	57.8	63.7	56.3
11:00 PM - 12:00 AM	59.1	71.1	57.0
12:00 AM - 01:00 AM	58.1	81.4	55.8
01:00 AM - 02:00 AM	58.0	73.4	56.6
02:00 AM - 03:00 AM	57.8	70.3	56.4
03:00 AM - 04:00 AM	57.4	67.3	56.1
04:00 AM - 05:00 AM	57.1	64.0	55.4
05:00 AM - 06:00 AM	56.8	64.8	54.9
06:00 AM - 07:00 AM	55.7	71.0	53.9
07:00 AM - 08:00 AM	56.4	70.8	53.4
08:00 AM - 09:00 AM	57.9	78.7	53.8
09:00 AM - 10:00 AM	57.2	75.9	55.0

Leq Average 24 hrs. (dB(A)) 58.4
Lmax (dB(A)) 83.0
L90 (dB(A)) 56.3
Ldn (dB(A)) 64.2
Standard (dB(A)) 70 115

Reference Method : ISO 1996-1 : 2016

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการ
โรงงาน พ.ศ. 2548

Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Life Sciences

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Analysis / Test Report

TESTING
No.0042

Client : Bridgestone Metalpha (Thailand) Co., Ltd.

29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng, Amphur
Pluakdaeng, Rayong Thailand 21140

P/O : 4700062868

Project Name : EIA Monitoring

Project Location :

Lot ID: 2576805

Date Received : Sep 09, 2025

Date Reported : Sep 13, 2025

Report Number: 3406344-1

Page 1 of 1

Sample Number 2576805-16
Parameter Noise (Leq 24 hrs.)
Location ริมรั้วโรงงานด้านทิศใต้ (N3) (GPS 47P 0734482, 1438459)
Measurement Date Aug 30 - Aug 31, 2025
Measurement by Sitpawit Suwannarat
Sound Level meter Serial No. 900073

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	56.7	65.0	54.1
11:00 AM - 12:00 PM	58.2	77.2	55.4
12:00 PM - 01:00 PM	56.7	70.2	54.5
01:00 PM - 02:00 PM	58.4	73.5	56.6
02:00 PM - 03:00 PM	58.0	67.7	56.4
03:00 PM - 04:00 PM	57.8	69.3	55.7
04:00 PM - 05:00 PM	58.3	65.7	57.0
05:00 PM - 06:00 PM	58.3	70.8	56.7
06:00 PM - 07:00 PM	59.2	72.7	58.2
07:00 PM - 08:00 PM	59.1	78.4	58.1
08:00 PM - 09:00 PM	58.7	65.6	57.8
09:00 PM - 10:00 PM	58.5	70.1	57.4
10:00 PM - 11:00 PM	58.7	67.4	57.5
11:00 PM - 12:00 AM	59.3	68.2	57.6
12:00 AM - 01:00 AM	59.7	72.2	58.1
01:00 AM - 02:00 AM	58.4	71.2	56.8
02:00 AM - 03:00 AM	58.0	65.4	57.1
03:00 AM - 04:00 AM	58.0	64.2	56.5
04:00 AM - 05:00 AM	58.3	65.2	57.3
05:00 AM - 06:00 AM	58.7	66.5	57.2
06:00 AM - 07:00 AM	58.5	73.5	56.5
07:00 AM - 08:00 AM	57.4	70.7	55.9
08:00 AM - 09:00 AM	56.7	74.0	54.7
09:00 AM - 10:00 AM	56.7	65.6	55.2

Leq Average 24 hrs. (dB(A)) 58.3
Lmax (dB(A)) 78.4
L90 (dB(A)) 56.7
Ldn (dB(A)) 65.0
Standard (dB(A)) 70 115

Reference Method : ISO 1996-1 : 2016

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการ
โรงงาน พ.ศ. 2548

Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : Bridgestone Metalpha (Thailand) Co., Ltd.

29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng, Amphur
Pluakdaeng, Rayong Thailand 21140

P/O : 4700062868

Project Name : EIA Monitoring

Project Location :

Lot ID: 2576805

Date Received : Sep 09, 2025

Date Reported : Sep 13, 2025

Report Number: 3406345-1

Page 1 of 1

Sample Number 2576805-17
Parameter Noise (Leq 24 hrs.)
Location ริมรั้วโรงงานด้านทิศใต้ (N3) (GPS 47P 0734482, 1438459)
Measurement Date Aug 31 - Sep 01, 2025
Measurement by Sitpawit Suwannarat
Sound Level meter Serial No. 900073

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	56.9	66.0	55.4
11:00 AM - 12:00 PM	56.5	64.8	54.9
12:00 PM - 01:00 PM	54.8	65.3	53.5
01:00 PM - 02:00 PM	54.8	65.3	53.4
02:00 PM - 03:00 PM	60.0	84.0	55.0
03:00 PM - 04:00 PM	57.1	69.8	55.2
04:00 PM - 05:00 PM	61.8	83.4	57.2
05:00 PM - 06:00 PM	58.6	66.4	57.5
06:00 PM - 07:00 PM	60.9	79.7	58.2
07:00 PM - 08:00 PM	60.8	77.9	59.1
08:00 PM - 09:00 PM	58.0	69.1	56.8
09:00 PM - 10:00 PM	58.2	64.8	57.0
10:00 PM - 11:00 PM	57.9	65.3	56.4
11:00 PM - 12:00 AM	58.3	67.2	56.3
12:00 AM - 01:00 AM	58.0	65.1	56.7
01:00 AM - 02:00 AM	57.9	63.1	56.5
02:00 AM - 03:00 AM	58.0	63.2	56.8
03:00 AM - 04:00 AM	57.7	63.9	55.7
04:00 AM - 05:00 AM	57.4	65.0	56.1
05:00 AM - 06:00 AM	60.1	85.5	56.2
06:00 AM - 07:00 AM	57.1	66.2	55.2
07:00 AM - 08:00 AM	57.1	69.8	54.7
08:00 AM - 09:00 AM	57.8	69.8	56.0
09:00 AM - 10:00 AM	62.7	86.1	57.7

Leq Average 24 hrs. (dB(A)) 58.7
Lmax (dB(A)) 86.1
L90 (dB(A)) 56.2
Ldn (dB(A)) 64.7
Standard (dB(A)) 70 115

Reference Method : ISO 1996-1 : 2016

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการ
โรงงาน พ.ศ. 2548

Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : Bridgestone Metalpha (Thailand) Co., Ltd.

29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng, Amphur
Pluakdaeng, Rayong Thailand 21140

P/O : 4700062868

Project Name : EIA Monitoring

Project Location :

Lot ID: 2576805

Date Received : Sep 09, 2025

Date Reported : Sep 13, 2025

Report Number: 3406346-1

Page 1 of 1

Sample Number 2576805-18
Parameter Noise (Leq 24 hrs.)
Location ริมรั้วโรงงานด้านทิศใต้ (N3) (GPS 47P 0734482, 1438459)
Measurement Date Sep 01 - Sep 02, 2025
Measurement by Sitpawit Suwannarat
Sound Level meter Serial No. 900073

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	60.1	82.2	59.0
11:00 AM - 12:00 PM	59.9	78.4	58.3
12:00 PM - 01:00 PM	59.1	78.1	57.4
01:00 PM - 02:00 PM	59.2	75.9	57.5
02:00 PM - 03:00 PM	58.3	72.0	57.1
03:00 PM - 04:00 PM	59.6	74.3	57.6
04:00 PM - 05:00 PM	58.9	71.5	57.4
05:00 PM - 06:00 PM	62.8	91.6	58.6
06:00 PM - 07:00 PM	59.7	74.1	58.4
07:00 PM - 08:00 PM	58.3	65.5	57.0
08:00 PM - 09:00 PM	58.2	64.6	56.9
09:00 PM - 10:00 PM	58.2	65.5	56.6
10:00 PM - 11:00 PM	58.2	63.6	57.0
11:00 PM - 12:00 AM	57.7	68.5	55.7
12:00 AM - 01:00 AM	59.5	75.2	57.9
01:00 AM - 02:00 AM	59.6	72.1	58.2
02:00 AM - 03:00 AM	58.6	66.8	57.1
03:00 AM - 04:00 AM	58.1	65.0	56.6
04:00 AM - 05:00 AM	58.0	71.3	56.0
05:00 AM - 06:00 AM	58.4	68.5	56.9
06:00 AM - 07:00 AM	58.4	73.1	56.6
07:00 AM - 08:00 AM	57.7	71.8	55.6
08:00 AM - 09:00 AM	58.1	73.7	55.3
09:00 AM - 10:00 AM	59.9	84.3	56.0

Leq Average 24 hrs. (dB(A)) 59.1
Lmax (dB(A)) 91.6
L90 (dB(A)) 57.0
Ldn (dB(A)) 65.1
Standard (dB(A)) 70 115

Reference Method : ISO 1996-1 : 2016

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการ
โรงงาน พ.ศ. 2548

Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : Bridgestone Metalpha (Thailand) Co., Ltd.

29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng, Amphur
Pluakdaeng, Rayong Thailand 21140

P/O : 4700062868

Project Name : EIA Monitoring

Project Location :

Lot ID: 2576805

Date Received : Sep 09, 2025

Date Reported : Sep 13, 2025

Report Number: 3406347-1

Page 1 of 1

Sample Number 2576805-19
Parameter Noise (Leq 24 hrs.)
Location ริมรั้วโรงงานด้านทิศใต้ (N3) (GPS 47P 0734482, 1438459)
Measurement Date Sep 02 - Sep 03, 2025
Measurement by Sitpawit Suwannarat
Sound Level meter Serial No. 900073

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	61.9	81.1	59.5
11:00 AM - 12:00 PM	58.6	77.9	55.8
12:00 PM - 01:00 PM	57.5	70.8	55.4
01:00 PM - 02:00 PM	59.3	79.4	56.0
02:00 PM - 03:00 PM	59.8	76.7	57.0
03:00 PM - 04:00 PM	59.4	81.5	56.2
04:00 PM - 05:00 PM	59.9	79.0	57.4
05:00 PM - 06:00 PM	60.6	86.2	58.8
06:00 PM - 07:00 PM	59.0	66.3	57.5
07:00 PM - 08:00 PM	58.7	64.6	56.8
08:00 PM - 09:00 PM	58.6	63.9	56.7
09:00 PM - 10:00 PM	58.4	64.1	57.2
10:00 PM - 11:00 PM	57.8	64.1	56.6
11:00 PM - 12:00 AM	57.9	67.9	55.2
12:00 AM - 01:00 AM	59.0	74.7	56.9
01:00 AM - 02:00 AM	58.6	70.1	57.6
02:00 AM - 03:00 AM	59.0	71.1	57.7
03:00 AM - 04:00 AM	62.2	80.1	60.1
04:00 AM - 05:00 AM	60.8	78.8	59.5
05:00 AM - 06:00 AM	58.3	75.9	57.5
06:00 AM - 07:00 AM	59.4	85.1	55.8
07:00 AM - 08:00 AM	58.1	68.8	55.3
08:00 AM - 09:00 AM	60.6	82.1	57.8
09:00 AM - 10:00 AM	64.1	92.7	58.1

Leq Average 24 hrs. (dB(A)) 59.8
Lmax (dB(A)) 92.7
L90 (dB(A)) 57.0
Ldn (dB(A)) 65.9
Standard (dB(A)) 70 115

Reference Method : ISO 1996-1 : 2016

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการ
โรงงาน พ.ศ. 2548

Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : Bridgestone Metalpha (Thailand) Co., Ltd.

29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng, Amphur
Pluakdaeng, Rayong Thailand 21140

P/O : 4700062868

Project Name : EIA Monitoring

Project Location :

Lot ID: 2576805

Date Received : Sep 09, 2025

Date Reported : Sep 13, 2025

Report Number: 3406348-1

Page 1 of 1

Sample Number 2576805-20
Parameter Noise (Leq 24 hrs.)
Location ริมรั้วโรงงานด้านทิศใต้ (N3) (GPS 47P 0734482, 1438459)
Measurement Date Sep 03 - Sep 04, 2025
Measurement by Sitpawit Suwannarat
Sound Level meter Serial No. 900073

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	60.2	67.0	58.9
11:00 AM - 12:00 PM	60.3	78.1	58.1
12:00 PM - 01:00 PM	59.0	79.5	57.1
01:00 PM - 02:00 PM	59.2	78.5	57.1
02:00 PM - 03:00 PM	60.5	76.2	58.8
03:00 PM - 04:00 PM	59.9	88.2	56.4
04:00 PM - 05:00 PM	60.1	79.3	58.0
05:00 PM - 06:00 PM	60.1	74.0	58.2
06:00 PM - 07:00 PM	59.6	71.1	58.2
07:00 PM - 08:00 PM	59.8	64.8	58.5
08:00 PM - 09:00 PM	59.7	66.1	58.6
09:00 PM - 10:00 PM	60.2	88.6	58.2
10:00 PM - 11:00 PM	58.5	66.2	57.0
11:00 PM - 12:00 AM	57.7	67.0	55.3
12:00 AM - 01:00 AM	63.4	80.3	61.0
01:00 AM - 02:00 AM	59.8	82.3	58.5
02:00 AM - 03:00 AM	57.7	66.1	56.9
03:00 AM - 04:00 AM	57.6	65.5	56.7
04:00 AM - 05:00 AM	57.7	65.0	56.9
05:00 AM - 06:00 AM	58.9	65.2	57.2
06:00 AM - 07:00 AM	59.2	69.6	57.9
07:00 AM - 08:00 AM	58.6	68.4	56.6
08:00 AM - 09:00 AM	62.1	86.9	57.9
09:00 AM - 10:00 AM	60.9	82.3	59.1

Leq Average 24 hrs. (dB(A)) 59.8
Lmax (dB(A)) 88.6
L90 (dB(A)) 57.9
Ldn (dB(A)) 65.9
Standard (dB(A)) 70 115

Reference Method : ISO 1996-1 : 2016

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการ
โรงงาน พ.ศ. 2548

Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : Bridgestone Metalpha (Thailand) Co., Ltd.

29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng, Amphur
Pluakdaeng, Rayong Thailand 21140

P/O : 4700062868

Project Name : EIA Monitoring

Project Location :

Lot ID: 2576805

Date Received : Sep 09, 2025

Date Reported : Sep 13, 2025

Report Number: 3406349-1

Page 1 of 1

Sample Number 2576805-21
Parameter Noise (Leq 24 hrs.)
Location ร่มรั้วโรงงานด้านทิศใต้ (N3) (GPS 47P 0734482, 1438459)
Measurement Date Sep 04 - Sep 05, 2025
Measurement by Sitpawit Suwannarat
Sound Level meter Serial No. 900073

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	60.6	75.9	59.1
11:00 AM - 12:00 PM	59.6	72.3	58.2
12:00 PM - 01:00 PM	59.6	76.5	57.8
01:00 PM - 02:00 PM	60.8	76.3	59.0
02:00 PM - 03:00 PM	60.5	76.2	58.7
03:00 PM - 04:00 PM	59.4	77.2	57.3
04:00 PM - 05:00 PM	59.5	74.1	57.5
05:00 PM - 06:00 PM	58.3	68.1	56.9
06:00 PM - 07:00 PM	58.5	69.1	56.9
07:00 PM - 08:00 PM	58.8	66.5	57.7
08:00 PM - 09:00 PM	58.9	67.7	57.5
09:00 PM - 10:00 PM	58.5	70.4	56.1
10:00 PM - 11:00 PM	58.3	70.7	55.7
11:00 PM - 12:00 AM	59.0	68.6	57.7
12:00 AM - 01:00 AM	58.4	72.1	55.9
01:00 AM - 02:00 AM	59.1	74.2	57.5
02:00 AM - 03:00 AM	60.4	84.3	56.8
03:00 AM - 04:00 AM	60.0	85.0	57.4
04:00 AM - 05:00 AM	57.9	78.1	55.7
05:00 AM - 06:00 AM	57.5	72.9	55.3
06:00 AM - 07:00 AM	56.3	68.5	53.1
07:00 AM - 08:00 AM	55.7	66.4	52.7
08:00 AM - 09:00 AM	56.7	72.7	54.5
09:00 AM - 10:00 AM	59.0	77.5	57.2

Leq Average 24 hrs. (dB(A)) 59.0
Lmax (dB(A)) 85.0
L90 (dB(A)) 57.2
Ldn (dB(A)) 65.2
Standard (dB(A)) 70 115

Reference Method : ISO 1996-1 : 2016

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการ
โรงงาน พ.ศ. 2548

Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Life Sciences

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Analysis / Test Report

TESTING
No.0042

Client : Bridgestone Metalpha (Thailand) Co., Ltd.

29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng, Amphur
Pluakdaeng, Rayong Thailand 21140

P/O : 4700062868

Project Name : EIA Monitoring

Project Location :

Lot ID: 2576805

Date Received : Sep 09, 2025

Date Reported : Sep 13, 2025

Report Number: 3406350-1

Page 1 of 1

Sample Number 2576805-22
Parameter Noise (Leq 24 hrs.)
Location ริมรั้วโรงงานด้านทิศตะวันออก (N4) (GPS 47P 0734590, 1438246)
Measurement Date Aug 29 - Aug 30, 2025
Measurement by Sitpawit Suwannarat
Sound Level meter Serial No. 900072

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	60.0	78.3	58.7
11:00 AM - 12:00 PM	58.0	67.6	57.3
12:00 PM - 01:00 PM	57.7	67.0	57.1
01:00 PM - 02:00 PM	57.8	69.4	57.1
02:00 PM - 03:00 PM	58.3	75.2	57.3
03:00 PM - 04:00 PM	58.3	70.3	57.3
04:00 PM - 05:00 PM	58.6	75.0	57.5
05:00 PM - 06:00 PM	58.3	69.5	57.3
06:00 PM - 07:00 PM	58.2	67.2	57.4
07:00 PM - 08:00 PM	58.7	67.3	57.9
08:00 PM - 09:00 PM	61.4	88.3	58.2
09:00 PM - 10:00 PM	58.7	64.7	58.1
10:00 PM - 11:00 PM	58.4	63.2	57.9
11:00 PM - 12:00 AM	59.5	68.7	58.5
12:00 AM - 01:00 AM	59.3	78.6	58.0
01:00 AM - 02:00 AM	58.1	64.1	57.7
02:00 AM - 03:00 AM	58.0	60.7	57.5
03:00 AM - 04:00 AM	57.9	64.5	57.4
04:00 AM - 05:00 AM	57.7	64.1	57.3
05:00 AM - 06:00 AM	58.0	62.9	57.5
06:00 AM - 07:00 AM	58.2	77.5	57.5
07:00 AM - 08:00 AM	58.2	74.0	57.2
08:00 AM - 09:00 AM	58.2	72.1	57.2
09:00 AM - 10:00 AM	57.9	63.7	57.2

Leq Average 24 hrs. (dB(A)) 58.6
Lmax (dB(A)) 88.3
L90 (dB(A)) 57.4
Ldn (dB(A)) 64.8
Standard (dB(A)) 70 115

Reference Method : ISO 1996-1 : 2016

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการ
โรงงาน พ.ศ. 2548

Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

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Analysis / Test Report

TESTING
No.0042

Client : Bridgestone Metalpha (Thailand) Co., Ltd.
29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng, Amphur
Pluakdaeng, Rayong Thailand 21140

P/O : 4700062868

Project Name : EIA Monitoring

Project Location :

Lot ID: 2576805

Date Received : Sep 09, 2025

Date Reported : Sep 13, 2025

Report Number: 3406351-1

Page 1 of 1

Sample Number 2576805-23
Parameter Noise (Leq 24 hrs.)
Location ริมรั้วโรงงานด้านทิศตะวันออก (N4) (GPS 47P 0734590, 1438246)
Measurement Date Aug 30 - Aug 31, 2025
Measurement by Sitpawit Suwannarat
Sound Level meter Serial No. 900072

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	57.9	65.2	57.1
11:00 AM - 12:00 PM	58.0	65.6	57.2
12:00 PM - 01:00 PM	58.1	65.8	57.2
01:00 PM - 02:00 PM	57.7	64.7	56.9
02:00 PM - 03:00 PM	57.6	63.8	57.0
03:00 PM - 04:00 PM	57.8	71.2	57.0
04:00 PM - 05:00 PM	58.5	81.2	57.2
05:00 PM - 06:00 PM	57.9	67.0	57.3
06:00 PM - 07:00 PM	58.2	64.5	57.7
07:00 PM - 08:00 PM	58.8	66.5	58.1
08:00 PM - 09:00 PM	58.5	64.5	57.9
09:00 PM - 10:00 PM	58.7	65.1	58.0
10:00 PM - 11:00 PM	58.7	68.5	57.9
11:00 PM - 12:00 AM	58.9	67.4	58.1
12:00 AM - 01:00 AM	59.4	73.6	58.2
01:00 AM - 02:00 AM	58.3	72.9	57.6
02:00 AM - 03:00 AM	57.7	63.0	57.2
03:00 AM - 04:00 AM	57.6	61.2	57.2
04:00 AM - 05:00 AM	57.5	62.6	57.1
05:00 AM - 06:00 AM	57.6	61.7	57.2
06:00 AM - 07:00 AM	57.9	64.1	57.5
07:00 AM - 08:00 AM	58.5	76.9	57.4
08:00 AM - 09:00 AM	58.1	74.9	57.3
09:00 AM - 10:00 AM	57.7	67.9	57.1

Leq Average 24 hrs. (dB(A)) 58.2
Lmax (dB(A)) 81.2
L90 (dB(A)) 57.2
Ldn (dB(A)) 64.6
Standard (dB(A)) 70 115

Reference Method : ISO 1996-1 : 2016

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการ
โรงงาน พ.ศ. 2548

Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : Bridgestone Metalpha (Thailand) Co., Ltd.

29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng, Amphur
Pluakdaeng, Rayong Thailand 21140

P/O : 4700062868

Project Name : EIA Monitoring

Project Location :

Lot ID: 2576805

Date Received : Sep 09, 2025

Date Reported : Sep 13, 2025

Report Number: 3406352-1

Page 1 of 1

Sample Number 2576805-24
Parameter Noise (Leq 24 hrs.)
Location ริมรั้วโรงงานด้านทิศตะวันออก (N4) (GPS 47P 0734590, 1438246)
Measurement Date Aug 31 - Sep 01, 2025
Measurement by Sitpawit Suwannarat
Sound Level meter Serial No. 900072

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	57.3	62.8	56.8
11:00 AM - 12:00 PM	57.6	62.4	57.1
12:00 PM - 01:00 PM	57.7	64.2	57.1
01:00 PM - 02:00 PM	57.3	67.3	56.7
02:00 PM - 03:00 PM	57.5	71.4	57.0
03:00 PM - 04:00 PM	58.3	73.1	57.5
04:00 PM - 05:00 PM	58.7	84.3	57.2
05:00 PM - 06:00 PM	58.0	70.9	57.4
06:00 PM - 07:00 PM	58.4	78.0	57.7
07:00 PM - 08:00 PM	58.5	66.4	57.8
08:00 PM - 09:00 PM	58.4	64.3	57.7
09:00 PM - 10:00 PM	58.5	64.1	57.7
10:00 PM - 11:00 PM	58.5	68.8	57.6
11:00 PM - 12:00 AM	58.4	66.6	57.5
12:00 AM - 01:00 AM	58.4	67.9	57.5
01:00 AM - 02:00 AM	57.9	65.4	57.4
02:00 AM - 03:00 AM	57.8	77.3	57.1
03:00 AM - 04:00 AM	57.5	59.6	57.1
04:00 AM - 05:00 AM	57.3	60.7	56.9
05:00 AM - 06:00 AM	57.7	63.1	57.3
06:00 AM - 07:00 AM	58.2	77.9	57.4
07:00 AM - 08:00 AM	58.7	78.7	57.5
08:00 AM - 09:00 AM	58.1	71.9	57.0
09:00 AM - 10:00 AM	57.4	64.9	56.8

Leq Average 24 hrs. (dB(A)) 58.0
Lmax (dB(A)) 84.3
L90 (dB(A)) 57.3
Ldn (dB(A)) 64.4
Standard (dB(A)) 70 115

Reference Method : ISO 1996-1 : 2016

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการ
โรงงาน พ.ศ. 2548

Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

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Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : Bridgestone Metalpha (Thailand) Co., Ltd.

29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng, Amphur
Pluakdaeng, Rayong Thailand 21140

P/O : 4700062868

Project Name : EIA Monitoring

Project Location :

Lot ID: 2576805

Date Received : Sep 09, 2025

Date Reported : Sep 13, 2025

Report Number: 3406353-1

Page 1 of 1

Sample Number 2576805-25
Parameter Noise (Leq 24 hrs.)
Location ริมรั้วโรงงานด้านทิศตะวันออก (N4) (GPS 47P 0734590, 1438246)
Measurement Date Sep 01 - Sep 02, 2025
Measurement by Sitpawit Suwannarat
Sound Level meter Serial No. 900072

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	57.3	67.3	56.7
11:00 AM - 12:00 PM	57.7	74.8	57.0
12:00 PM - 01:00 PM	57.2	62.8	56.7
01:00 PM - 02:00 PM	57.3	73.2	56.6
02:00 PM - 03:00 PM	57.2	73.5	56.4
03:00 PM - 04:00 PM	57.8	67.9	57.1
04:00 PM - 05:00 PM	59.1	84.6	57.3
05:00 PM - 06:00 PM	58.4	70.0	57.2
06:00 PM - 07:00 PM	57.8	75.1	57.1
07:00 PM - 08:00 PM	58.1	66.3	57.5
08:00 PM - 09:00 PM	58.1	70.6	57.4
09:00 PM - 10:00 PM	57.7	66.7	57.2
10:00 PM - 11:00 PM	57.9	64.4	57.3
11:00 PM - 12:00 AM	58.1	65.4	57.4
12:00 AM - 01:00 AM	58.2	74.5	57.3
01:00 AM - 02:00 AM	57.5	70.7	56.9
02:00 AM - 03:00 AM	57.5	60.8	57.1
03:00 AM - 04:00 AM	57.2	58.8	56.9
04:00 AM - 05:00 AM	57.3	65.1	56.9
05:00 AM - 06:00 AM	57.6	63.8	57.3
06:00 AM - 07:00 AM	57.7	69.9	57.1
07:00 AM - 08:00 AM	58.6	73.7	57.2
08:00 AM - 09:00 AM	58.2	82.3	57.0
09:00 AM - 10:00 AM	58.5	79.7	57.6

Leq Average 24 hrs. (dB(A)) 57.9
Lmax (dB(A)) 84.6
L90 (dB(A)) 57.1
Ldn (dB(A)) 64.1
Standard (dB(A)) 70 115

Reference Method : ISO 1996-1 : 2016

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการ
โรงงาน พ.ศ. 2548

Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

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Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : Bridgestone Metalpha (Thailand) Co., Ltd.

29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng, Amphur
Pluakdaeng, Rayong Thailand 21140

P/O : 4700062868

Project Name : EIA Monitoring

Project Location :

Lot ID: 2576805

Date Received : Sep 09, 2025

Date Reported : Sep 13, 2025

Report Number: 3406354-1

Page 1 of 1

Sample Number 2576805-26
Parameter Noise (Leq 24 hrs.)
Location ริมรั้วโรงงานด้านทิศตะวันออก (N4) (GPS 47P 0734590, 1438246)
Measurement Date Sep 02 - Sep 03, 2025
Measurement by Sitpawit Suwannarat
Sound Level meter Serial No. 900072

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	58.5	73.3	57.4
11:00 AM - 12:00 PM	62.0	78.9	60.4
12:00 PM - 01:00 PM	58.0	79.3	57.2
01:00 PM - 02:00 PM	57.6	68.5	57.0
02:00 PM - 03:00 PM	57.5	65.6	56.9
03:00 PM - 04:00 PM	58.0	67.4	57.2
04:00 PM - 05:00 PM	58.1	72.9	57.2
05:00 PM - 06:00 PM	58.8	76.3	57.4
06:00 PM - 07:00 PM	57.8	69.8	57.4
07:00 PM - 08:00 PM	58.5	66.4	57.8
08:00 PM - 09:00 PM	58.8	65.0	58.2
09:00 PM - 10:00 PM	58.5	63.9	57.9
10:00 PM - 11:00 PM	58.3	64.7	57.7
11:00 PM - 12:00 AM	58.6	71.3	57.8
12:00 AM - 01:00 AM	58.1	68.4	57.4
01:00 AM - 02:00 AM	57.7	60.5	57.3
02:00 AM - 03:00 AM	58.0	63.9	57.5
03:00 AM - 04:00 AM	61.5	88.3	58.3
04:00 AM - 05:00 AM	58.8	68.9	58.2
05:00 AM - 06:00 AM	58.3	64.7	57.8
06:00 AM - 07:00 AM	58.7	65.6	58.0
07:00 AM - 08:00 AM	59.7	68.7	58.6
08:00 AM - 09:00 AM	58.7	78.6	57.7
09:00 AM - 10:00 AM	58.1	62.9	57.7

Leq Average 24 hrs. (dB(A)) 58.8
Lmax (dB(A)) 88.3
L90 (dB(A)) 57.7
Ldn (dB(A)) 65.2
Standard (dB(A)) 70 115

Reference Method : ISO 1996-1 : 2016

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการ
โรงงาน พ.ศ. 2548

Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

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Supot Salamteh
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Analysis / Test Report

TESTING
No.0042

Client : Bridgestone Metalpha (Thailand) Co., Ltd.

29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng, Amphur
Pluakdaeng, Rayong Thailand 21140

P/O : 4700062868

Project Name : EIA Monitoring

Project Location :

Lot ID: 2576805

Date Received : Sep 09, 2025

Date Reported : Sep 13, 2025

Report Number: 3406355-1

Page 1 of 1

Sample Number 2576805-27
Parameter Noise (Leq 24 hrs.)
Location ริมรั้วโรงงานด้านทิศตะวันออก (N4) (GPS 47P 0734590, 1438246)
Measurement Date Sep 03 - Sep 04, 2025
Measurement by Sitpawit Suwannarat
Sound Level meter Serial No. 900072

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	57.7	74.8	57.1
11:00 AM - 12:00 PM	57.5	70.5	56.9
12:00 PM - 01:00 PM	57.4	73.2	56.7
01:00 PM - 02:00 PM	57.1	71.7	56.4
02:00 PM - 03:00 PM	57.3	73.5	56.6
03:00 PM - 04:00 PM	58.9	84.6	57.4
04:00 PM - 05:00 PM	58.7	74.9	57.2
05:00 PM - 06:00 PM	57.9	75.1	57.1
06:00 PM - 07:00 PM	57.8	65.7	57.2
07:00 PM - 08:00 PM	58.3	70.6	57.6
08:00 PM - 09:00 PM	57.8	66.9	57.2
09:00 PM - 10:00 PM	57.8	63.1	57.3
10:00 PM - 11:00 PM	58.0	65.4	57.4
11:00 PM - 12:00 AM	58.1	69.0	57.4
12:00 AM - 01:00 AM	57.8	74.5	57.0
01:00 AM - 02:00 AM	57.5	70.7	57.0
02:00 AM - 03:00 AM	57.4	60.8	57.0
03:00 AM - 04:00 AM	57.3	65.1	57.0
04:00 AM - 05:00 AM	57.6	63.8	57.2
05:00 AM - 06:00 AM	57.5	69.9	57.1
06:00 AM - 07:00 AM	58.2	72.1	57.2
07:00 AM - 08:00 AM	58.6	82.3	57.1
08:00 AM - 09:00 AM	58.1	75.9	57.2
09:00 AM - 10:00 AM	58.9	79.7	57.4

Leq Average 24 hrs. (dB(A)) 57.9
Lmax (dB(A)) 84.6
L90 (dB(A)) 57.1
Ldn (dB(A)) 64.2
Standard (dB(A)) 70 115

Reference Method : ISO 1996-1 : 2016

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการ
โรงงาน พ.ศ. 2548

Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : Bridgestone Metalpha (Thailand) Co., Ltd.

29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng, Amphur
Pluakdaeng, Rayong Thailand 21140

P/O : 4700062868

Project Name : EIA Monitoring

Project Location :

Lot ID: 2576805

Date Received : Sep 09, 2025

Date Reported : Sep 13, 2025

Report Number: 3406356-1

Page 1 of 1

Sample Number 2576805-28
Parameter Noise (Leq 24 hrs.)
Location ริมรั้วโรงงานด้านทิศตะวันออก (N4) (GPS 47P 0734590, 1438246)
Measurement Date Sep 04 - Sep 05, 2025
Measurement by Sitpawit Suwannarat
Sound Level meter Serial No. 900072

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	58.0	74.8	57.1
11:00 AM - 12:00 PM	57.9	67.6	57.2
12:00 PM - 01:00 PM	57.7	69.4	56.9
01:00 PM - 02:00 PM	58.2	69.6	57.3
02:00 PM - 03:00 PM	58.3	75.2	57.3
03:00 PM - 04:00 PM	58.2	69.7	57.3
04:00 PM - 05:00 PM	58.7	75.0	57.5
05:00 PM - 06:00 PM	58.1	69.5	57.3
06:00 PM - 07:00 PM	58.4	67.3	57.6
07:00 PM - 08:00 PM	61.5	88.3	58.3
08:00 PM - 09:00 PM	58.8	68.9	58.2
09:00 PM - 10:00 PM	58.3	64.7	57.8
10:00 PM - 11:00 PM	58.7	65.6	58.1
11:00 PM - 12:00 AM	59.7	68.7	58.5
12:00 AM - 01:00 AM	58.7	78.6	57.7
01:00 AM - 02:00 AM	58.1	60.7	57.6
02:00 AM - 03:00 AM	57.9	64.5	57.5
03:00 AM - 04:00 AM	57.7	60.2	57.3
04:00 AM - 05:00 AM	57.9	64.1	57.5
05:00 AM - 06:00 AM	58.1	66.1	57.5
06:00 AM - 07:00 AM	58.2	77.5	57.4
07:00 AM - 08:00 AM	58.2	72.1	57.2
08:00 AM - 09:00 AM	58.0	71.8	57.2
09:00 AM - 10:00 AM	57.9	65.2	57.1

Leq Average 24 hrs. (dB(A)) 58.5
Lmax (dB(A)) 88.3
L90 (dB(A)) 57.4
Ldn (dB(A)) 64.8
Standard (dB(A)) 70 115

Reference Method : ISO 1996-1 : 2016

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการ
โรงงาน พ.ศ. 2548

Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : Bridgestone Metalpha (Thailand) Co., Ltd.

29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng, Amphur
Pluakdaeng, Rayong Thailand 21140

P/O : 4700062868

Project Name : EIA Monitoring

Project Location :

Lot ID: 2576805

Date Received : Sep 09, 2025

Date Reported : Sep 13, 2025

Report Number: 3406357-1

Page 1 of 1

Sample Number 2576805-29
Parameter Noise (Leq 24 hrs.)
Location ชุมชนด้านทิศใต้ของโครงการ (ระยะห่างประมาณ 250 เมตร) (N5) (GPS 47P 0734484, 1437950)
Measurement Date Aug 29 - Aug 30, 2025
Measurement by Sitpawit Suwannarat
Sound Level meter Serial No. 900071

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	63.3	88.9	52.1
12:00 PM - 01:00 PM	61.9	86.0	51.6
01:00 PM - 02:00 PM	62.7	86.2	52.5
02:00 PM - 03:00 PM	61.7	83.5	53.1
03:00 PM - 04:00 PM	63.2	90.4	52.5
04:00 PM - 05:00 PM	65.1	86.1	54.6
05:00 PM - 06:00 PM	68.1	86.3	59.4
06:00 PM - 07:00 PM	65.6	88.0	56.7
07:00 PM - 08:00 PM	67.9	89.0	58.8
08:00 PM - 09:00 PM	67.0	88.1	56.8
09:00 PM - 10:00 PM	65.3	89.3	54.0
10:00 PM - 11:00 PM	63.7	89.4	52.0
11:00 PM - 12:00 AM	65.4	91.0	54.6
12:00 AM - 01:00 AM	65.3	91.2	52.7
01:00 AM - 02:00 AM	61.9	89.2	47.8
02:00 AM - 03:00 AM	55.9	82.6	46.3
03:00 AM - 04:00 AM	55.4	79.7	46.5
04:00 AM - 05:00 AM	60.5	83.3	47.5
05:00 AM - 06:00 AM	65.2	88.1	51.2
06:00 AM - 07:00 AM	64.7	90.2	55.3
07:00 AM - 08:00 AM	67.9	90.7	59.5
08:00 AM - 09:00 AM	67.0	92.1	55.9
09:00 AM - 10:00 AM	64.0	90.4	53.1
10:00 AM - 11:00 AM	62.6	85.4	53.8

Leq Average 24 hrs. (dB(A)) 64.7
Lmax (dB(A)) 92.1
L90 (dB(A)) 53.1
Ldn (dB(A)) 70.0
Standard (dB(A)) 70 115

Reference Method : ISO 1996-1 : 2016

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการ
โรงงาน พ.ศ. 2548

Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : Bridgestone Metalpha (Thailand) Co., Ltd.

29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng, Amphur
Pluakdaeng, Rayong Thailand 21140

P/O : 4700062868

Project Name : EIA Monitoring

Project Location :

Lot ID: 2576805

Date Received : Sep 09, 2025

Date Reported : Sep 13, 2025

Report Number: 3406358-1

Page 1 of 1

Sample Number	2576805-30		
Parameter	Noise (Leq 24 hrs.)		
Location	ชุมชนด้านทิศใต้ของโครงการ (ระยะห่างประมาณ 250 เมตร) (N5) (GPS 47P 0734484, 1437950)		
Measurement Date	Aug 30 - Aug 31, 2025		
Measurement by	Sitpawit Suwannarat		
Sound Level meter	Serial No. 900071		

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	63.6	89.8	53.0
12:00 PM - 01:00 PM	63.5	87.9	54.0
01:00 PM - 02:00 PM	62.6	85.0	52.0
02:00 PM - 03:00 PM	61.0	83.7	50.2
03:00 PM - 04:00 PM	61.6	83.3	52.0
04:00 PM - 05:00 PM	66.1	91.6	54.8
05:00 PM - 06:00 PM	66.9	87.1	58.7
06:00 PM - 07:00 PM	65.5	84.5	58.5
07:00 PM - 08:00 PM	66.3	88.4	59.1
08:00 PM - 09:00 PM	66.9	88.3	56.5
09:00 PM - 10:00 PM	65.4	86.9	54.8
10:00 PM - 11:00 PM	64.5	90.7	51.7
11:00 PM - 12:00 AM	65.0	91.1	52.9
12:00 AM - 01:00 AM	66.9	91.2	55.0
01:00 AM - 02:00 AM	66.3	90.4	53.1
02:00 AM - 03:00 AM	57.9	81.5	44.7
03:00 AM - 04:00 AM	57.6	82.1	43.4
04:00 AM - 05:00 AM	61.5	87.1	44.2
05:00 AM - 06:00 AM	62.2	85.7	47.8
06:00 AM - 07:00 AM	63.3	90.2	50.2
07:00 AM - 08:00 AM	65.1	88.6	53.8
08:00 AM - 09:00 AM	65.0	87.7	52.9
09:00 AM - 10:00 AM	63.7	88.8	52.0
10:00 AM - 11:00 AM	63.3	86.7	52.5
Leq Average 24 hrs. (dB(A))	64.4		
Lmax (dB(A))		91.6	
L90 (dB(A))			52.9
Ldn (dB(A))	70.4		
Standard (dB(A))	70	115	
Reference Method : ISO 1996-1 : 2016			
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป			
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการ			
โรงงาน พ.ศ. 2548			
Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.			

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Life Sciences

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Analysis / Test Report

TESTING
No.0042

Client : Bridgestone Metalpha (Thailand) Co., Ltd.

29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng, Amphur
Pluakdaeng, Rayong Thailand 21140

P/O : 4700062868

Project Name : EIA Monitoring

Project Location :

Lot ID: 2576805

Date Received : Sep 09, 2025

Date Reported : Sep 13, 2025

Report Number: 3406359-1

Page 1 of 1

Sample Number 2576805-31
Parameter Noise (Leq 24 hrs.)
Location ชุมชนด้านทิศใต้ของโครงการ (ระยะห่างประมาณ 250 เมตร) (N5) (GPS 47P 0734484, 1437950)
Measurement Date Aug 31 - Sep 01, 2025
Measurement by Sitpawit Suwannarat
Sound Level meter Serial No. 900071

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	62.6	83.2	53.3
12:00 PM - 01:00 PM	65.0	91.4	53.9
01:00 PM - 02:00 PM	62.2	84.8	52.0
02:00 PM - 03:00 PM	64.6	89.9	54.0
03:00 PM - 04:00 PM	62.7	83.6	51.8
04:00 PM - 05:00 PM	64.2	89.4	53.9
05:00 PM - 06:00 PM	65.7	91.2	54.4
06:00 PM - 07:00 PM	65.7	91.4	54.6
07:00 PM - 08:00 PM	66.2	90.9	54.9
08:00 PM - 09:00 PM	66.6	90.4	54.4
09:00 PM - 10:00 PM	65.0	89.5	52.7
10:00 PM - 11:00 PM	61.6	83.3	50.0
11:00 PM - 12:00 AM	62.4	86.4	49.9
12:00 AM - 01:00 AM	63.8	83.7	49.9
01:00 AM - 02:00 AM	61.8	89.4	45.7
02:00 AM - 03:00 AM	51.8	72.8	45.0
03:00 AM - 04:00 AM	56.0	83.6	45.0
04:00 AM - 05:00 AM	56.8	83.0	45.0
05:00 AM - 06:00 AM	61.3	87.4	49.1
06:00 AM - 07:00 AM	64.8	89.8	57.8
07:00 AM - 08:00 AM	67.0	86.8	60.6
08:00 AM - 09:00 AM	63.1	88.6	53.2
09:00 AM - 10:00 AM	62.1	85.8	50.4
10:00 AM - 11:00 AM	61.0	85.1	50.6

Leq Average 24 hrs. (dB(A)) 63.7
Lmax (dB(A)) 91.4
L90 (dB(A)) 52.0
Ldn (dB(A)) 68.5
Standard (dB(A)) 70 115

Reference Method : ISO 1996-1 : 2016

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการ
โรงงาน พ.ศ. 2548

Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

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Supot Salamteh
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Analysis / Test Report

TESTING
No.0042

Client : Bridgestone Metalpha (Thailand) Co., Ltd.

29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng, Amphur
Pluakdaeng, Rayong Thailand 21140

P/O : 4700062868

Project Name : EIA Monitoring

Project Location :

Lot ID: 2576805

Date Received : Sep 09, 2025

Date Reported : Sep 13, 2025

Report Number: 3406360-1

Page 1 of 1

Sample Number	2576805-32		
Parameter	Noise (Leq 24 hrs.)		
Location	ชุมชนด้านทิศใต้ของโครงการ (ระยะห่างประมาณ 250 เมตร) (N5) (GPS 47P 0734484, 1437950)		
Measurement Date	Sep 01 - Sep 02, 2025		
Measurement by	Sitpawit Suwannarat		
Sound Level meter	Serial No. 900071		

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	62.2	86.7	51.5
12:00 PM - 01:00 PM	60.9	86.4	50.5
01:00 PM - 02:00 PM	59.4	82.8	50.1
02:00 PM - 03:00 PM	61.3	86.8	50.0
03:00 PM - 04:00 PM	62.2	85.4	50.5
04:00 PM - 05:00 PM	65.7	87.7	54.3
05:00 PM - 06:00 PM	67.4	90.4	58.0
06:00 PM - 07:00 PM	65.3	85.2	56.7
07:00 PM - 08:00 PM	67.7	87.6	58.6
08:00 PM - 09:00 PM	66.6	90.1	54.5
09:00 PM - 10:00 PM	64.4	89.1	52.4
10:00 PM - 11:00 PM	64.0	87.8	51.5
11:00 PM - 12:00 AM	61.4	86.9	49.2
12:00 AM - 01:00 AM	59.7	82.6	48.6
01:00 AM - 02:00 AM	59.7	92.1	47.0
02:00 AM - 03:00 AM	53.8	80.4	47.2
03:00 AM - 04:00 AM	56.8	85.2	46.7
04:00 AM - 05:00 AM	57.6	80.3	46.5
05:00 AM - 06:00 AM	65.1	90.9	50.7
06:00 AM - 07:00 AM	64.6	84.7	57.9
07:00 AM - 08:00 AM	68.0	88.3	60.7
08:00 AM - 09:00 AM	65.9	87.0	55.1
09:00 AM - 10:00 AM	62.7	89.4	50.6
10:00 AM - 11:00 AM	64.8	91.5	53.4
Leq Average 24 hrs. (dB(A))	64.0		
Lmax (dB(A))		92.1	
L90 (dB(A))			50.7
Ldn (dB(A))	68.7		
Standard (dB(A))	70	115	
Reference Method : ISO 1996-1 : 2016			
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป			
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการ			
โรงงาน พ.ศ. 2548			
Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.			

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

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Supot Salamteh
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Analysis / Test Report

TESTING
No.0042

Client : Bridgestone Metalpha (Thailand) Co., Ltd.

29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng, Amphur
Pluakdaeng, Rayong Thailand 21140

P/O : 4700062868

Project Name : EIA Monitoring

Project Location :

Lot ID: 2576805

Date Received : Sep 09, 2025

Date Reported : Sep 13, 2025

Report Number: 3406361-1

Page 1 of 1

Sample Number	2576805-33		
Parameter	Noise (Leq 24 hrs.)		
Location	ชุมชนด้านทิศใต้ของโครงการ (ระยะห่างประมาณ 250 เมตร) (N5) (GPS 47P 0734484, 1437950)		
Measurement Date	Sep 02 - Sep 03, 2025		
Measurement by	Sitpawit Suwannarat		
Sound Level meter	Serial No. 900071		

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	65.1	89.6	58.0
12:00 PM - 01:00 PM	63.4	91.4	52.7
01:00 PM - 02:00 PM	61.8	83.5	51.7
02:00 PM - 03:00 PM	62.6	90.1	52.1
03:00 PM - 04:00 PM	62.2	85.1	52.7
04:00 PM - 05:00 PM	64.9	88.2	54.4
05:00 PM - 06:00 PM	67.9	90.5	57.9
06:00 PM - 07:00 PM	66.0	85.5	57.3
07:00 PM - 08:00 PM	67.4	89.8	57.8
08:00 PM - 09:00 PM	66.6	87.3	55.2
09:00 PM - 10:00 PM	63.2	85.3	52.1
10:00 PM - 11:00 PM	62.1	87.1	49.7
11:00 PM - 12:00 AM	61.1	87.7	48.6
12:00 AM - 01:00 AM	58.5	87.6	48.3
01:00 AM - 02:00 AM	59.1	87.9	47.5
02:00 AM - 03:00 AM	56.0	84.7	47.0
03:00 AM - 04:00 AM	54.8	78.1	48.4
04:00 AM - 05:00 AM	65.2	86.0	58.1
05:00 AM - 06:00 AM	63.1	80.4	56.0
06:00 AM - 07:00 AM	64.9	83.6	59.2
07:00 AM - 08:00 AM	68.8	92.1	61.9
08:00 AM - 09:00 AM	66.3	87.3	56.4
09:00 AM - 10:00 AM	61.4	81.0	51.3
10:00 AM - 11:00 AM	60.6	82.9	49.6
Leq Average 24 hrs. (dB(A))	64.2		
Lmax (dB(A))		92.1	
L90 (dB(A))			52.7
Ldn (dB(A))	68.9		
Standard (dB(A))	70	115	
Reference Method : ISO 1996-1 : 2016			
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป			
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการ			
โรงงาน พ.ศ. 2548			
Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.			

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : Bridgestone Metalpha (Thailand) Co., Ltd.

29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng, Amphur
Pluakdaeng, Rayong Thailand 21140

P/O : 4700062868

Project Name : EIA Monitoring

Project Location :

Lot ID: 2576805

Date Received : Sep 09, 2025

Date Reported : Sep 13, 2025

Report Number: 3406362-1

Page 1 of 1

Sample Number 2576805-34
Parameter Noise (Leq 24 hrs.)
Location ชุมชนด้านทิศใต้ของโครงการ (ระยะห่างประมาณ 250 เมตร) (N5) (GPS 47P 0734484, 1437950)
Measurement Date Sep 03 - Sep 04, 2025
Measurement by Sitpawit Suwannarat
Sound Level meter Serial No. 900071

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	61.2	86.1	50.1
12:00 PM - 01:00 PM	61.5	88.5	50.4
01:00 PM - 02:00 PM	62.0	89.9	51.1
02:00 PM - 03:00 PM	60.7	83.8	51.5
03:00 PM - 04:00 PM	60.9	83.7	52.6
04:00 PM - 05:00 PM	65.5	86.6	56.2
05:00 PM - 06:00 PM	66.7	89.8	58.0
06:00 PM - 07:00 PM	66.0	89.2	56.7
07:00 PM - 08:00 PM	67.9	89.6	59.1
08:00 PM - 09:00 PM	66.4	88.6	54.9
09:00 PM - 10:00 PM	63.7	87.0	53.2
10:00 PM - 11:00 PM	62.3	83.1	51.8
11:00 PM - 12:00 AM	60.6	83.4	52.8
12:00 AM - 01:00 AM	64.9	82.9	58.9
01:00 AM - 02:00 AM	63.7	81.3	61.4
02:00 AM - 03:00 AM	57.7	82.8	53.7
03:00 AM - 04:00 AM	57.3	79.9	52.1
04:00 AM - 05:00 AM	58.9	83.3	51.5
05:00 AM - 06:00 AM	64.6	90.2	53.5
06:00 AM - 07:00 AM	65.1	83.6	59.0
07:00 AM - 08:00 AM	67.8	85.4	61.1
08:00 AM - 09:00 AM	64.5	85.0	56.6
09:00 AM - 10:00 AM	62.8	87.8	52.3
10:00 AM - 11:00 AM	61.4	85.1	51.2

Leq Average 24 hrs. (dB(A)) 64.0
Lmax (dB(A)) 90.2
L90 (dB(A)) 53.2
Ldn (dB(A)) 69.3
Standard (dB(A)) 70 115

Reference Method : ISO 1996-1 : 2016

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการ
โรงงาน พ.ศ. 2548

Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : Bridgestone Metalpha (Thailand) Co., Ltd.

29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng, Amphur
Pluakdaeng, Rayong Thailand 21140

P/O : 4700062868

Project Name : EIA Monitoring

Project Location :

Lot ID: 2576805

Date Received : Sep 09, 2025

Date Reported : Sep 13, 2025

Report Number: 3406363-1

Page 1 of 1

Sample Number 2576805-35
Parameter Noise (Leq 24 hrs.)
Location ชุมชนด้านทิศใต้ของโครงการ (ระยะห่างประมาณ 250 เมตร) (N5) (GPS 47P 0734484, 1437950)
Measurement Date Sep 04 - Sep 05, 2025
Measurement by Sitpawit Suwannarat
Sound Level meter Serial No. 900071

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	63.6	90.2	52.2
12:00 PM - 01:00 PM	61.3	82.8	51.9
01:00 PM - 02:00 PM	61.8	85.4	51.2
02:00 PM - 03:00 PM	63.4	90.7	54.3
03:00 PM - 04:00 PM	63.0	86.8	53.2
04:00 PM - 05:00 PM	65.0	87.6	54.7
05:00 PM - 06:00 PM	68.0	90.7	56.4
06:00 PM - 07:00 PM	66.5	91.3	57.3
07:00 PM - 08:00 PM	68.5	87.9	59.4
08:00 PM - 09:00 PM	66.2	87.0	56.6
09:00 PM - 10:00 PM	63.8	88.6	53.3
10:00 PM - 11:00 PM	62.9	89.5	52.1
11:00 PM - 12:00 AM	61.7	86.4	50.6
12:00 AM - 01:00 AM	62.0	88.5	49.8
01:00 AM - 02:00 AM	58.4	86.1	49.1
02:00 AM - 03:00 AM	57.3	82.6	48.8
03:00 AM - 04:00 AM	56.4	82.5	48.6
04:00 AM - 05:00 AM	58.3	79.6	48.6
05:00 AM - 06:00 AM	63.2	85.6	51.2
06:00 AM - 07:00 AM	64.9	90.7	58.7
07:00 AM - 08:00 AM	68.0	90.9	61.8
08:00 AM - 09:00 AM	66.2	92.1	54.9
09:00 AM - 10:00 AM	62.8	87.9	52.0
10:00 AM - 11:00 AM	64.0	91.7	52.0

Leq Average 24 hrs. (dB(A)) 64.3
Lmax (dB(A)) 92.1
L90 (dB(A)) 52.1
Ldn (dB(A)) 68.7
Standard (dB(A)) 70 115

Reference Method : ISO 1996-1 : 2016

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการ
โรงงาน พ.ศ. 2548

Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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ภาคผนวก ค-4

คุณภาพน้ำทิ้ง



Analysis / Test Report

Client : Bridgestone Metalpha (Thailand) Co., Ltd.
29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng,
Amphur Pluakdaeng, Rayong Thailand 21140

P/O :

Project Name : EIA Monitoring

Project Location :



TESTING
No.0042
Lot ID: 2556475

Date Received : Jul 11, 2025

Date Reported : Jul 17, 2025

Report Number : 3332357-1

Page 1 of 1

Sample Number	2556475-1
Sampled Date	Jul 11, 2025 11:00 AM
Sample Description	Wastewater
Location	Inspection Pit
Date Analysis Commenced	Jul 11, 2025
Condition of Sample	Contained in one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	19.3	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Rayong
COD	mg/L	1.5	25	41	≤750	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
Oil & Grease	mg/L	-	3	<3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Rayong
pH at 25 degree C		-	-	7.9	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	36.8	≤45	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	604	≤3000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Surawit Narapong ทะเบียนเลขที่ ร-323-จ-0011

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Chontichak

Chonticha Subongkoch
Scientist (3)
ทะเบียนเลขที่ ร-323-จ-0031

Approved by

D. Chongchon

Dej Changchon
Senior Manager
ทะเบียนเลขที่ ร-323-จ-0001

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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Analysis / Test Report

Client : Bridgestone Metalpha (Thailand) Co., Ltd.
29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng,
Amphur Pluakdaeng, Rayong Thailand 21140

P/O :

Project Name : EIA Monitoring

Project Location :



TESTING
No.0042
Lot ID: 2556478

Date Received : Jul 11, 2025

Date Reported : Jul 17, 2025

Report Number : 3332363-1

Page 1 of 3

Sample Number	2556478-1
Sampled Date	Jul 11, 2025 10:40 AM
Sample Description	Wastewater
Location	Waste pit 5 และ 6 (โรงอาหาร)
Date Analysis Commenced	Jul 11, 2025
Condition of Sample	Contained in one amber glass bottle and two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Water Testing						
BOD (5 days at 20 Degree C)	mg/L	-	2.0	146	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Rayong
Oil & Grease	mg/L	-	3	5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Rayong
pH at 25 degree C		-	-	6.9	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	64	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Rayong

Sampling By : Surawit Narapong ทะเบียนเลขที่ ร-323-จ-0011

Remark :

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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Chontichak

Chonticha Subongkoch
Scientist (3)
ทะเบียนเลขที่ ร-323-จ-0031

Approved by

D. Chongchon

Dej Changchon
Senior Manager
ทะเบียนเลขที่ ร-323-จ-0001

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320-31/ EMAIL



Analysis / Test Report

Client : Bridgestone Metalpha (Thailand) Co., Ltd.
29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng,
Amphur Pluakdaeng, Rayong Thailand 21140

P/O :
Project Name : EIA Monitoring
Project Location :



TESTING
No.0042

Lot ID: 2556478

Date Received : Jul 11, 2025
Date Reported : Jul 17, 2025
Report Number : 3332363-1

Page 2 of 3

Sample Number	2556478-2
Sampled Date	Jul 11, 2025 10:40 AM
Sample Description	Wastewater
Location	Waste pit 7 และ 8 (ห้องน้ำ MFG Office)
Date Analysis Commenced	Jul 11, 2025
Condition of Sample	Contained in one amber glass bottle and two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Water Testing						
BOD (5 days at 20 Degree C)	mg/L	-	2.0	88.4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Rayong
Oil & Grease	mg/L	-	3	<3	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Rayong
pH at 25 degree C		-	-	7.8	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	76	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Rayong

Sampling By : Surawit Narapong ทะเบียนเลขที่ ร-323-จ-0011

Remark :
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Chontichak

Chonticha Subongkoch
Scientist (3)
ทะเบียนเลขที่ ร-323-จ-0031

Approved by

D. Chumon

Dej Changchon
Senior Manager
ทะเบียนเลขที่ ร-323-จ-0001

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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320-31/ EMAIL



Analysis / Test Report

Client : Bridgestone Metalpha (Thailand) Co., Ltd.
29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng,
Amphur Pluakdaeng, Rayong Thailand 21140

P/O :
Project Name : EIA Monitoring
Project Location :



TESTING
No.0042

Lot ID: 2556478

Date Received : Jul 11, 2025
Date Reported : Jul 17, 2025
Report Number : 3332363-1

Page 3 of 3

Sample Number	2556478-3
Sampled Date	Jul 11, 2025 10:40 AM
Sample Description	Wastewater
Location	Waste pit 15 (ห้องน้ำ Front Office)
Date Analysis Commenced	Jul 11, 2025
Condition of Sample	Contained in one amber glass bottle and two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Water Testing						
BOD (5 days at 20 Degree C)	mg/L	-	2.0	84.4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Rayong
Oil & Grease	mg/L	-	3	<3	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Rayong
pH at 25 degree C		-	-	7.8	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	82	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Rayong

Sampling By : Surawit Narapong ทะเบียนเลขที่ ร-323-จ-0011

Remark :
- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Chontichak

Chonticha Subongkoch
Scientist (3)
ทะเบียนเลขที่ ร-323-จ-0031

Approved by

D. Chumon

Dej Changchon
Senior Manager
ทะเบียนเลขที่ ร-323-จ-0001

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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Analysis / Test Report

Client : Bridgestone Metalpha (Thailand) Co., Ltd.
29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng,
Amphur Pluakdaeng, Rayong Thailand 21140
P/O : 4700062868
Project Name : EIA Monitoring
Project Location :



TESTING
No.0042
Lot ID: 2566785
Date Received : Aug 08, 2025
Date Reported : Aug 16, 2025
Report Number : 3355391-1

Page 1 of 1

Sample Number 2566785-1
Sampled Date Aug 08, 2025 9:45 AM
Sample Description Wastewater
Location Inspection Pit
Date Analysis Commenced Aug 08, 2025
Condition of Sample Contained in one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	17.3	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Rayong
COD	mg/L	1.5	25	45	≤750	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
Oil & Grease	mg/L	-	3	<3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Rayong
pH at 25 degree C		-	-	8.0	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	35.1	≤45	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	428	≤3000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Pipat Nipatsed ทะเบียนเลขที่ ร-323-จ-0049

Remark :
- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Jitsupa P.

Jitsupa Pratuangsuk
Scientist (2)
ทะเบียนเลขที่ ร-323-จ-0004

Approved by

D. Chamon

Dej Changchon
Senior Manager
ทะเบียนเลขที่ ร-323-จ-0001

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320-31/ EMAIL



Analysis / Test Report

Client : Bridgestone Metalpha (Thailand) Co., Ltd.
29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng,
Amphur Pluakdaeng, Rayong Thailand 21140
P/O : 4700062868
Project Name : EIA Monitoring
Project Location :



TESTING
No.0042
Lot ID: 2566788
Date Received : Aug 08, 2025
Date Reported : Aug 16, 2025
Report Number : 3355394-1

Page 1 of 3

Sample Number 2566788-1
Sampled Date Aug 08, 2025 9:25 AM
Sample Description Wastewater
Location Waste pit 5 และ 6 (โรงอาหาร)
Date Analysis Commenced Aug 08, 2025
Condition of Sample Contained in one amber glass bottle and two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Water Testing						
BOD (5 days at 20 Degree C)	mg/L	-	2.0	215	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Rayong
Oil & Grease	mg/L	-	3	16	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Rayong
pH at 25 degree C		-	-	7.1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	76	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Rayong

Sampling By : Pipat Nipatsed ทะเบียนเลขที่ ร-323-จ-0049

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Technical Management

Jitsupa P.

Jitsupa Pratuangsuk
Scientist (2)
ทะเบียนเลขที่ ร-323-จ-0004

Approved by

D. Chamon

Dej Changchon
Senior Manager
ทะเบียนเลขที่ ร-323-จ-0001

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Analysis / Test Report

Client : Bridgestone Metalpha (Thailand) Co., Ltd.
29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng,
Amphur Pluakdaeng, Rayong Thailand 21140
P/O : 4700062868
Project Name : EIA Monitoring
Project Location :



TESTING
No.0042

Lot ID: 2566788
Date Received : Aug 08, 2025
Date Reported : Aug 16, 2025
Report Number : 3359394-1

Page 2 of 3

Sample Number 2566788-2
Sampled Date Aug 08, 2025 9:35 AM
Sample Description Wastewater
Location Waste pit 7 และ 8 (ห้องน้ำ MFG Office)
Date Analysis Commenced Aug 08, 2025
Condition of Sample Contained in one amber glass bottle and two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Water Testing						
BOD (5 days at 20 Degree C)	mg/L	-	2.0	84.1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Rayong
Oil & Grease	mg/L	-	3	4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Rayong
pH at 25 degree C		-	-	7.9	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	53	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Rayong

Sampling By : Pipat Nipatsed ทะเบียนเลขที่ ร-323-จ-0049

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Technical Management

Jitsupa P.

Jitsupa Pratuangasuk
Scientist (2)
ทะเบียนเลขที่ ร-323-จ-0004

Approved by

D. Chamon

Dej Changchon
Senior Manager
ทะเบียนเลขที่ ร-323-จ-0001

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Analysis / Test Report

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29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng,
Amphur Pluakdaeng, Rayong Thailand 21140
P/O : 4700062868
Project Name : EIA Monitoring
Project Location :



TESTING
No.0042

Lot ID: 2566788
Date Received : Aug 08, 2025
Date Reported : Aug 16, 2025
Report Number : 3359394-1

Page 3 of 3

Sample Number 2566788-3
Sampled Date Aug 08, 2025 9:40 AM
Sample Description Wastewater
Location Waste pit 15 (ห้องน้ำ Front Office)
Date Analysis Commenced Aug 08, 2025
Condition of Sample Contained in one amber glass bottle and two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Water Testing						
BOD (5 days at 20 Degree C)	mg/L	-	2.0	81.6	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Rayong
Oil & Grease	mg/L	-	3	<3	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Rayong
pH at 25 degree C		-	-	7.9	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	58	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Rayong

Sampling By : Pipat Nipatsed ทะเบียนเลขที่ ร-323-จ-0049

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Approved by

D. Chamon

Dej Changchon
Senior Manager
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Analysis / Test Report

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29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng,
Amphur Pluakdaeng, Rayong Thailand 21140
P/O : 4700062868
Project Name : EIA Monitoring
Project Location :



TESTING
No.0042
Lot ID: 2575309
Date Received : Sep 12, 2025
Date Reported : Sep 18, 2025
Report Number : 3380166-1

Page 1 of 1

Sample Number	2575309-1						
Sampled Date	Sep 12, 2025 9:20 AM						
Sample Description	Wastewater						
Location	Inspection Pit						
Date Analysis Commenced	Sep 12, 2025						
Condition of Sample	Contained in one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	15.8	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Rayong
COD	mg/L	1.5	25	51	≤750	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
Oil & Grease	mg/L	-	3	4	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Rayong
pH at 25 degree C		-	-	7.7	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	31.9	≤45	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	368	≤3000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Wasan Kinunti ทะเบียนเลขที่ ร-323-ก-0019

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Technical Management

Photchana S

Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ร-323-ก-0028

Approved by

D. Chamon

Dej Changchon
Senior Manager
ทะเบียนเลขที่ ร-323-ก-0001

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Analysis / Test Report

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P/O : 4700062868
Project Name : EIA Monitoring
Project Location :



TESTING
No.0042
Lot ID: 2575310
Date Received : Sep 12, 2025
Date Reported : Sep 18, 2025
Report Number : 3380169-1

Page 1 of 3

Sample Number	2575310-1						
Sampled Date	Sep 12, 2025 9:28 AM						
Sample Description	Wastewater						
Location	Waste pit 5 และ 6 (โรงอาหาร)						
Date Analysis Commenced	Sep 12, 2025						
Condition of Sample	Contained in one amber glass bottle and two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Water Testing						
BOD (5 days at 20 Degree C)	mg/L	-	2.0	298	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Rayong
Oil & Grease	mg/L	-	3	33	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Rayong
pH at 25 degree C		-	-	6.6	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	106	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Rayong

Sampling By : Wasan Kinunti

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Approved by

Photchana S

Photchana Seeda
Scientist (4)

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P/O : 4700062868
Project Name : EIA Monitoring
Project Location :



TESTING
No.0042

Lot ID: 2575310
Date Received :Sep 12, 2025
Date Reported :Sep 18, 2025
Report Number :3380169-1

Page 2 of 3

Sample Number	2575310-2					
Sampled Date	Sep 12, 2025 9:33 AM					
Sample Description	Wastewater					
Location	Waste pit 7 และ 8 (ห้องน้ำ MFG Office)					
Date Analysis Commenced	Sep 12, 2025					
Condition of Sample	Contained in one amber glass bottle and two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)					

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Water Testing						
BOD (5 days at 20 Degree C)	mg/L	-	2.0	138	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Rayong
Oil & Grease	mg/L	-	3	13	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Rayong
pH at 25 degree C		-	-	7.9	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	98	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Rayong

Sampling By : Wasan Kinunti

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Photchana S

Photchana Seeda
Scientist (4)

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Analysis / Test Report

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Amphur Pluakdaeng, Rayong Thailand 21140
P/O : 4700062868
Project Name : EIA Monitoring
Project Location :



TESTING
No.0042

Lot ID: 2575310
Date Received :Sep 12, 2025
Date Reported :Sep 18, 2025
Report Number :3380169-1

Page 3 of 3

Sample Number	2575310-3					
Sampled Date	Sep 12, 2025 9:45 AM					
Sample Description	Wastewater					
Location	Waste pit 15 (ห้องน้ำ Front Office)					
Date Analysis Commenced	Sep 12, 2025					
Condition of Sample	Contained in one amber glass bottle and two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)					

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Water Testing						
BOD (5 days at 20 Degree C)	mg/L	-	2.0	253	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Rayong
Oil & Grease	mg/L	-	3	4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Rayong
pH at 25 degree C		-	-	7.9	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	84	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Rayong

Sampling By : Wasan Kinunti

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Photchana S

Photchana Seeda
Scientist (4)

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Analysis / Test Report

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Amphur Pluakdaeng, Rayong Thailand 21140
P/O : 4700062868
Project Name : EIA Monitoring
Project Location :



TESTING
No.0042
Lot ID: 2584914

Date Received : Oct 10, 2025
Date Reported : Oct 18, 2025
Report Number : 3401330-1

Page 1 of 1

Sample Number 2584914-1
Sampled Date Oct 10, 2025 10:09 AM
Sample Description Wastewater
Location Inspection Pit
Date Analysis Commenced Oct 10, 2025
Condition of Sample Contained in one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	35.4	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Rayong
COD	mg/L	1.5	25	72	≤750	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
Oil & Grease	mg/L	-	3	<3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Rayong
pH at 25 degree C		-	-	7.8	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	34.8	≤45	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	356	≤3000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Suphanat Sakulkittimasak ทะเบียนเลขที่ ว-323-ก-0021

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Technical Management

Photchanas

Photchanas Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ก-0028

Approved by

D. Chamon

Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-0001

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Analysis / Test Report

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Amphur Pluakdaeng, Rayong Thailand 21140
P/O : 4700062868
Project Name : EIA Monitoring
Project Location :



TESTING
No.0042
Lot ID: 2584915

Date Received : Oct 10, 2025
Date Reported : Oct 18, 2025
Report Number : 3401332-1

Page 1 of 3

Sample Number 2584915-1
Sampled Date Oct 10, 2025 9:54 AM
Sample Description Wastewater
Location Waste pit 5 และ 6 (โรงอาหาร)
Date Analysis Commenced Oct 10, 2025
Condition of Sample Contained in one amber glass bottle and two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Water Testing						
BOD (5 days at 20 Degree C)	mg/L	-	2.0	201	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Rayong
Oil & Grease	mg/L	-	3	24	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Rayong
pH at 25 degree C		-	-	6.9	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	92	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Rayong

Sampling By : Suphanat Sakulkittimasak ทะเบียนเลขที่ ว-323-ก-0021

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Technical Management

Photchanas

Photchanas Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-ก-0028

Approved by

D. Chamon

Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ก-0001

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Analysis / Test Report

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Amphur Pluakdaeng, Rayong Thailand 21140
P/O : 4700062868
Project Name : EIA Monitoring
Project Location :



TESTING
No.0042

Lot ID: 2584915
Date Received : Oct 10, 2025
Date Reported : Oct 18, 2025
Report Number : 3401332-1

Page 2 of 3

Sample Number	2584915-2					
Sampled Date	Oct 10, 2025 9:58 AM					
Sample Description	Wastewater					
Location	Waste pit 7 และ 8 (ห้องน้ำ MFG Office)					
Date Analysis Commenced	Oct 10, 2025					
Condition of Sample	Contained in one amber glass bottle and two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)					

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Water Testing						
BOD (5 days at 20 Degree C)	mg/L	-	2.0	146	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Rayong
Oil & Grease	mg/L	-	3	4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Rayong
pH at 25 degree C		-	-	7.7	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	60	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Rayong

Sampling By : Suphanat Sakulkittimasak ทะเบียนเลขที่ ว-323-จ-0021

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Photchanas

Photchanas Seeda

Scientist (4)

ทะเบียนเลขที่ ว-323-จ-0028

Approved by

D. Chamon

Dej Changchon

Senior Manager

ทะเบียนเลขที่ ว-323-จ-0001

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Analysis / Test Report

Client : Bridgestone Metalpha (Thailand) Co., Ltd.
29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng,
Amphur Pluakdaeng, Rayong Thailand 21140
P/O : 4700062868
Project Name : EIA Monitoring
Project Location :



TESTING
No.0042

Lot ID: 2584915
Date Received : Oct 10, 2025
Date Reported : Oct 18, 2025
Report Number : 3401332-1

Page 3 of 3

Sample Number	2584915-3					
Sampled Date	Oct 10, 2025 10:03 AM					
Sample Description	Wastewater					
Location	Waste pit 15 (ห้องน้ำ Front Office)					
Date Analysis Commenced	Oct 10, 2025					
Condition of Sample	Contained in one amber glass bottle and two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)					

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Water Testing						
BOD (5 days at 20 Degree C)	mg/L	-	2.0	133	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Rayong
Oil & Grease	mg/L	-	3	<3	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Rayong
pH at 25 degree C		-	-	7.8	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	97	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Rayong

Sampling By : Suphanat Sakulkittimasak ทะเบียนเลขที่ ว-323-จ-0021

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Photchanas Seeda

Scientist (4)

ทะเบียนเลขที่ ว-323-จ-0028

Approved by

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Senior Manager

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Analysis / Test Report

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29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng,
Amphur Pluakdaeng, Rayong Thailand 21140
P/O : 4700062868
Project Name : EIA Monitoring
Project Location :



TESTING
No.0042
Lot ID: 2595695
Date Received : Nov 11, 2025
Date Reported : Nov 18, 2025
Report Number : 3427510-1

Page 1 of 1

Sample Number 2595695-1
Sampled Date Nov 11, 2025 10:46 AM
Sample Description Wastewater
Location Inspection Pit
Date Analysis Commenced Nov 11, 2025
Condition of Sample Contained in one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	30.3	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Rayong
COD	mg/L	1.5	25	63	≤750	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
Oil & Grease	mg/L	-	3	<3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Rayong
pH at 25 degree C		-	-	7.8	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	32.0	≤45	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	628	≤3000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Surawit Narapong ทะเบียนเลขที่ ร-323-จ-0011

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Photchanas Seeda
Scientist (4)
ทะเบียนเลขที่ ร-323-จ-0028

Approved by

D. Chamon

Dej Changchon
Senior Manager
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29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng,
Amphur Pluakdaeng, Rayong Thailand 21140
P/O : 4700062868
Project Name : EIA Monitoring
Project Location :



TESTING
No.0042
Lot ID: 2595697
Date Received : Nov 11, 2025
Date Reported : Nov 18, 2025
Report Number : 3427517-1

Page 1 of 3

Sample Number 2595697-1
Sampled Date Nov 11, 2025 11:05 AM
Sample Description Wastewater
Location Waste pit 5 และ 6 (โรงอาหาร)
Date Analysis Commenced Nov 11, 2025
Condition of Sample Contained in one amber glass bottle and two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Water Testing						
BOD (5 days at 20 Degree C)	mg/L	-	2.0	81.9	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Rayong
Oil & Grease	mg/L	-	3	15	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Rayong
pH at 25 degree C		-	-	6.9	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	82	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Rayong

Sampling By : Surawit Narapong ทะเบียนเลขที่ ร-323-จ-0011

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Photchanas Seeda
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Amphur Pluakdaeng, Rayong Thailand 21140
P/O : 4700062868
Project Name : EIA Monitoring
Project Location :



TESTING
No.0042

Lot ID: 2595697
Date Received : Nov 11, 2025
Date Reported : Nov 18, 2025
Report Number : 3427517-1

Page 2 of 3

Sample Number	2595697-2					
Sampled Date	Nov 11, 2025 11:00 AM					
Sample Description	Wastewater					
Location	Waste pit 7 และ 8 (ห้องน้ำ MFG Office)					
Date Analysis Commenced	Nov 11, 2025					
Condition of Sample	Contained in one amber glass bottle and two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)					

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Water Testing						
BOD (5 days at 20 Degree C)	mg/L	-	2.0	81.3	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Rayong
Oil & Grease	mg/L	-	3	5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Rayong
pH at 25 degree C		-	-	7.7	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	70	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Rayong

Sampling By : Surawit Narapong ทะเบียนเลขที่ ร-323-จ-0011

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Photchana S

Photchana Seeda

Scientist (4)

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P/O : 4700062868
Project Name : EIA Monitoring
Project Location :



TESTING
No.0042

Lot ID: 2595697
Date Received : Nov 11, 2025
Date Reported : Nov 18, 2025
Report Number : 3427517-1

Page 3 of 3

Sample Number	2595697-3					
Sampled Date	Nov 11, 2025 10:51 AM					
Sample Description	Wastewater					
Location	Waste pit 15 (ห้องน้ำ Front Office)					
Date Analysis Commenced	Nov 11, 2025					
Condition of Sample	Contained in one amber glass bottle and two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)					

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Water Testing						
BOD (5 days at 20 Degree C)	mg/L	-	2.0	67.2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Rayong
Oil & Grease	mg/L	-	3	<3	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Rayong
pH at 25 degree C		-	-	7.9	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	89	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Rayong

Sampling By : Surawit Narapong ทะเบียนเลขที่ ร-323-จ-0011

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Scientist (4)

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Amphur Pluakdaeng, Rayong Thailand 21140
P/O : 4700062868
Project Name : EIA Monitoring
Project Location :



TESTING
No.0042
Lot ID: 25105392
Date Received : Dec 12, 2025
Date Reported : Dec 19, 2025
Report Number : 3452108-1

Page 1 of 1

Sample Number 25105392-1
Sampled Date Dec 12, 2025 10:34 AM
Sample Description Wastewater
Location Inspection Pit
Date Analysis Commenced Dec 12, 2025
Condition of Sample Contained in one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	19.1	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Rayong
COD	mg/L	1.5	25	61	≤750	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
Oil & Grease	mg/L	-	3	<3	≤10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Rayong
pH at 25 degree C		-	-	7.8	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	29.8	≤45	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	320	≤3000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.029/2567 : General Standards for Wastewater drainage into central wastewater treatment systems in Industrial Estates.

Sampling By : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

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Photchanas Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-จ-0028

Approved by

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Senior Manager
ทะเบียนเลขที่ ว-323-จ-0001

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Amphur Pluakdaeng, Rayong Thailand 21140
P/O : 4700062868
Project Name : EIA Monitoring
Project Location :



TESTING
No.0042
Lot ID: 25105393
Date Received : Dec 12, 2025
Date Reported : Dec 19, 2025
Report Number : 3452111-1

Page 1 of 3

Sample Number 25105393-1
Sampled Date Dec 12, 2025 10:21 AM
Sample Description Wastewater
Location Waste pit 5 และ 6 (โรงอาหาร)
Date Analysis Commenced Dec 12, 2025
Condition of Sample Contained in one amber glass bottle and two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Water Testing						
BOD (5 days at 20 Degree C)	mg/L	-	2.0	112	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Rayong
Oil & Grease	mg/L	-	3	20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Rayong
pH at 25 degree C		-	-	7.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	51	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Rayong

Sampling By : Nattawut Athomprommarat ทะเบียนเลขที่ ว-323-จ-0006

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Photchanas Seeda
Scientist (4)
ทะเบียนเลขที่ ว-323-จ-0028

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Senior Manager
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Analysis / Test Report



TESTING
No.0042

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29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng,
Amphur Pluakdaeng, Rayong Thailand 21140
P/O : 4700062868
Project Name : EIA Monitoring
Project Location :

Lot ID: 25105393
Date Received :Dec 12, 2025
Date Reported :Dec 19, 2025
Report Number :3452111-1

Page 2 of 3

Sample Number 25105393-2
Sampled Date Dec 12, 2025 10:26 AM
Sample Description Wastewater
Location Waste pit 7 และ 8 (ห้องน้ำ MFG Office)
Date Analysis Commenced Dec 12, 2025
Condition of Sample Contained in one amber glass bottle and two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Water Testing						
BOD (5 days at 20 Degree C)	mg/L	-	2.0	114	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Rayong
Oil & Grease	mg/L	-	3	10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Rayong
pH at 25 degree C		-	-	7.8	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	33	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Rayong

Sampling By : Nattawut Athomprommarat ทะเบียนเลขที่ ๖-323-๖-0006

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Photchana S

Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ๖-323-๖-0028

Approved by

D. Chumon

Dej Changchon
Senior Manager
ทะเบียนเลขที่ ๖-323-๖-0001

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Analysis / Test Report



TESTING
No.0042

Client : Bridgestone Metalpha (Thailand) Co., Ltd.
29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng,
Amphur Pluakdaeng, Rayong Thailand 21140
P/O : 4700062868
Project Name : EIA Monitoring
Project Location :

Lot ID: 25105393
Date Received :Dec 12, 2025
Date Reported :Dec 19, 2025
Report Number :3452111-1

Page 3 of 3

Sample Number 25105393-3
Sampled Date Dec 12, 2025 10:30 AM
Sample Description Wastewater
Location Waste pit 15 (ห้องน้ำ Front Office)
Date Analysis Commenced Dec 12, 2025
Condition of Sample Contained in one amber glass bottle and two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Water Testing						
BOD (5 days at 20 Degree C)	mg/L	-	2.0	53.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Rayong
Oil & Grease	mg/L	-	3	4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Rayong
pH at 25 degree C		-	-	8.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	44	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Rayong

Sampling By : Nattawut Athomprommarat ทะเบียนเลขที่ ๖-323-๖-0006

Remark :
- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- Analyte(s) marked * is/are not included in scope of Accreditation ISO/IEC 17025.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Photchana S

Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ๖-323-๖-0028

Approved by

D. Chumon

Dej Changchon
Senior Manager
ทะเบียนเลขที่ ๖-323-๖-0001

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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320-31/ EMAIL

ภาคผนวก ค-5

ระดับเสี่ยงในบริเวณการทำงาน



Analysis / Test Report

Client : Bridgestone Metalpha (Thailand) Co., Ltd.

29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng, Amphur
Pluakdaeng, Rayong Thailand 21140

P/O : 4700062868

Project Name : EIA Monitoring

Project Location :

Lot ID: 2576812

Date Received : Aug 25, 2025

Date Reported : Aug 29, 2025

Report Number: 3394519-1

Page 1 of 1

Sample Number 2576812-2
Parameter Noise (Leq 8 hrs.)
Location บริเวณ R-Plant PL Take up
Measurement Date Aug 22, 2025
Measurement by Nantawat Sarin

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:04 AM - 10:04 AM	73.6	93.6	63.0
10:04 AM - 11:04 AM	73.0	95.8	69.4
11:04 AM - 12:04 PM	71.1	86.8	68.5
12:04 PM - 01:04 PM	71.6	89.4	67.8
01:04 PM - 02:04 PM	72.3	91.8	67.7
02:04 PM - 03:04 PM	76.2	90.1	67.9
03:04 PM - 04:04 PM	74.6	90.0	69.3
04:04 PM - 05:04 PM	74.6	94.1	70.0

Leq Average 8 hrs. (dB(A))

73.7

Lmax (dB(A))

95.8

Standard (dB(A))

90

140

Reference Method : ISO 1996-1 : 2016

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย
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Technical Management

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Chonticha Subongkoch
Scientist (3)

Approved by

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Supot Salamteh
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Analysis / Test Report

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Pluakdaeng, Rayong Thailand 21140

P/O : 4700062868

Project Name : EIA Monitoring

Project Location :

Lot ID: 2576812

Date Received : Aug 25, 2025

Date Reported : Aug 29, 2025

Report Number: 3394520-1

Page 1 of 1

Sample Number 2576812-3
Parameter Noise (Leq 8 hrs.)
Location บริเวณ R-Plant SC Take up
Measurement Date Aug 22, 2025
Measurement by Nantawat Sarin

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:01 AM - 10:01 AM	86.4	92.2	84.8
10:01 AM - 11:01 AM	86.2	91.3	85.6
11:01 AM - 12:01 PM	86.5	92.5	85.6
12:01 PM - 01:01 PM	86.5	89.2	85.6
01:01 PM - 02:01 PM	87.5	91.8	87.0
02:01 PM - 03:01 PM	87.3	89.4	86.8
03:01 PM - 04:01 PM	87.4	89.8	86.9
04:01 PM - 05:01 PM	87.1	89.5	86.6

Leq Average 8 hrs. (dB(A))

86.9

Lmax (dB(A))

92.5

Standard (dB(A))

90

140

Reference Method : ISO 1996-1 : 2016

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย

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Pluakdaeng, Rayong Thailand 21140

P/O : 4700062868

Project Name : EIA Monitoring

Project Location :

Lot ID: 2576812

Date Received : Aug 25, 2025

Date Reported : Aug 29, 2025

Report Number: 3394521-1

Page 1 of 1

Sample Number 2576812-4
Parameter Noise (Leq 8 hrs.)
Location บริเวณ R-Plant SR Take up
Measurement Date Aug 22, 2025
Measurement by Nantawat Sarin

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:08 AM - 10:08 AM	82.2	88.3	79.5
10:08 AM - 11:08 AM	81.6	89.2	80.1
11:08 AM - 12:08 PM	81.1	87.8	79.6
12:08 PM - 01:08 PM	80.8	87.8	79.5
01:08 PM - 02:08 PM	81.5	88.3	80.7
02:08 PM - 03:08 PM	81.4	89.5	80.4
03:08 PM - 04:08 PM	81.2	86.3	80.0
04:08 PM - 05:08 PM	80.9	86.0	79.7

Leq Average 8 hrs. (dB(A))

81.4

Lmax (dB(A))

89.5

Standard (dB(A))

90

140

Reference Method : ISO 1996-1 : 2016

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย
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Pluakdaeng, Rayong Thailand 21140

P/O : 4700062868

Project Name : EIA Monitoring

Project Location :

Lot ID: 2576812

Date Received : Aug 25, 2025

Date Reported : Aug 29, 2025

Report Number: 3394523-1

Page 1 of 1

Sample Number 2576812-6
Parameter Noise (Leq 8 hrs.)
Location บริเวณ S-Plant WD Take up
Measurement Date Aug 22, 2025
Measurement by Nantawat Sarin

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:08 AM - 10:08 AM	92.9	93.9	92.0
10:08 AM - 11:08 AM	92.8	93.8	92.2
11:08 AM - 12:08 PM	92.8	99.8	92.1
12:08 PM - 01:08 PM	92.8	97.6	92.2
01:08 PM - 02:08 PM	92.2	94.5	91.0
02:08 PM - 03:08 PM	89.3	93.2	82.9
03:08 PM - 04:08 PM	85.2	89.1	82.3
04:08 PM - 05:08 PM	87.3	91.2	80.9

Leq Average 8 hrs. (dB(A))

91.4

Lmax (dB(A))

99.8

Standard (dB(A))

90

140

Reference Method : ISO 1996-1 : 2016

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย
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P/O : 4700062868

Project Name : EIA Monitoring

Project Location :

Lot ID: 2576812

Date Received : Aug 25, 2025

Date Reported : Aug 29, 2025

Report Number: 3394524-1

Page 1 of 1

Sample Number 2576812-7
Parameter Noise (Leq 8 hrs.)
Location บริเวณ S-Plant SC Take up
Measurement Date Aug 22, 2025
Measurement by Nantawat Sarin

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:10 AM - 10:10 AM	94.8	95.9	94.6
10:10 AM - 11:10 AM	94.8	97.4	94.5
11:10 AM - 12:10 PM	95.2	96.3	94.8
12:10 PM - 01:10 PM	95.1	96.2	94.8
01:10 PM - 02:10 PM	95.3	97.0	94.9
02:10 PM - 03:10 PM	94.6	96.0	94.0
03:10 PM - 04:10 PM	94.0	95.6	93.6
04:10 PM - 05:10 PM	94.3	95.9	93.9

Leq Average 8 hrs. (dB(A))

94.8

Lmax (dB(A))

97.4

Standard (dB(A))

90

140

Reference Method : ISO 1996-1 : 2016

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย
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P/O : 4700062868

Project Name : EIA Monitoring

Project Location :

Lot ID: 2576812

Date Received : Aug 25, 2025

Date Reported : Aug 29, 2025

Report Number: 3394525-1

Page 1 of 1

Sample Number 2576812-8
Parameter Noise (Leq 8 hrs.)
Location บริเวณ S-Plant SR Take up
Measurement Date Aug 22, 2025
Measurement by Nantawat Sarin

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:31 AM - 10:31 AM	90.4	106.8	86.4
10:31 AM - 11:31 AM	91.4	104.5	87.2
11:31 AM - 12:31 PM	90.7	95.4	90.2
12:31 PM - 01:31 PM	92.1	105.8	90.2
01:31 PM - 02:31 PM	92.4	103.3	90.9
02:31 PM - 03:31 PM	91.1	98.3	90.5
03:31 PM - 04:31 PM	90.5	93.5	90.2
04:31 PM - 05:31 PM	90.2	93.2	89.9

Leq Average 8 hrs. (dB(A))

91.2

Lmax (dB(A))

106.8

Standard (dB(A))

90

140

Reference Method : ISO 1996-1 : 2016

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย
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Pluakdaeng, Rayong Thailand 21140

P/O : 4700062868

Project Name : EIA Monitoring

Project Location :

Lot ID: 2576812

Date Received : Aug 25, 2025

Date Reported : Aug 29, 2025

Report Number: 3394526-1

Page 1 of 1

Sample Number 2576812-9
Parameter Noise (Leq 8 hrs.)
Location บริเวณ S-Plant (Packing)
Measurement Date Aug 22, 2025
Measurement by Nantawat Sarin

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:08 AM - 10:08 AM	85.7	91.0	84.8
10:08 AM - 11:08 AM	87.6	93.1	85.2
11:08 AM - 12:08 PM	87.9	90.8	87.5
12:08 PM - 01:08 PM	88.0	94.5	87.5
01:08 PM - 02:08 PM	88.7	92.5	88.0
02:08 PM - 03:08 PM	88.5	91.8	88.0
03:08 PM - 04:08 PM	88.3	101.4	87.8
04:08 PM - 05:08 PM	88.3	91.6	87.8

Leq Average 8 hrs. (dB(A))

88.0

Lmax (dB(A))

101.4

Standard (dB(A))

90

140

Reference Method : ISO 1996-1 : 2016

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย

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Pluakdaeng, Rayong Thailand 21140

P/O : 4700062868

Project Name : EIA Monitoring

Project Location :

Lot ID: 2576812

Date Received : Aug 25, 2025

Date Reported : Aug 29, 2025

Report Number: 3394527-1

Page 1 of 1

Sample Number 2576812-10
Parameter Noise (Leq 8 hrs.)
Location บริเวณ T-Plant SR Take up
Measurement Date Aug 22, 2025
Measurement by Nantawat Sarin

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:05 AM - 10:05 AM	87.6	106.3	81.1
10:05 AM - 11:05 AM	88.7	106.7	80.8
11:05 AM - 12:05 PM	81.8	97.1	75.3
12:05 PM - 01:05 PM	80.0	96.5	75.1
01:05 PM - 02:05 PM	85.9	109.1	79.0
02:05 PM - 03:05 PM	85.3	99.5	80.4
03:05 PM - 04:05 PM	81.9	93.8	78.6
04:05 PM - 05:05 PM	81.0	92.9	77.7

Leq Average 8 hrs. (dB(A))

85.1

Lmax (dB(A))

109.1

Standard (dB(A))

90

140

Reference Method : ISO 1996-1 : 2016

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย
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P/O : 4700062868

Project Name : EIA Monitoring

Project Location :

Lot ID: 2576812

Date Received : Aug 25, 2025

Date Reported : Aug 29, 2025

Report Number: 3394528-1

Page 1 of 1

Sample Number 2576812-11
Parameter Noise (Leq 8 hrs.)
Location บริเวณ New Office
Measurement Date Aug 22, 2025
Measurement by Nantawat Sarin

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:59 AM - 09:59 AM	55.5	90.9	52.6
09:59 AM - 10:59 AM	54.2	67.2	52.4
10:59 AM - 11:59 AM	55.4	70.4	48.5
11:59 AM - 12:59 PM	47.6	67.3	40.7
12:59 PM - 01:59 PM	54.3	70.0	52.6
01:59 PM - 02:59 PM	54.7	63.4	53.2
02:59 PM - 03:59 PM	54.3	66.5	51.9
03:59 PM - 04:59 PM	54.0	66.2	51.6

Leq Average 8 hrs. (dB(A))

54.2

Lmax (dB(A))

90.9

Standard (dB(A))

90

140

Reference Method : ISO 1996-1 : 2016

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย
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Pluakdaeng, Rayong Thailand 21140

P/O : 4700062868

Project Name : EIA Monitoring

Project Location :

Lot ID: 2576812

Date Received : Aug 25, 2025

Date Reported : Aug 29, 2025

Report Number: 3394529-1

Page 1 of 1

Sample Number 2576812-12
Parameter Noise (Leq 8 hrs.)
Location บริเวณ T-Plant (Packing)
Measurement Date Aug 22, 2025
Measurement by Nantawat Sarin

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:04 AM - 10:04 AM	81.0	98.4	76.6
10:04 AM - 11:04 AM	78.9	92.9	76.0
11:04 AM - 12:04 PM	76.3	84.5	70.6
12:04 PM - 01:04 PM	71.6	80.8	70.0
01:04 PM - 02:04 PM	78.5	97.0	73.5
02:04 PM - 03:04 PM	78.6	88.9	75.8
03:04 PM - 04:04 PM	77.1	86.6	73.3
04:04 PM - 05:04 PM	77.0	87.3	74.2

Leq Average 8 hrs. (dB(A))

78.0

Lmax (dB(A))

98.4

Standard (dB(A))

90

140

Reference Method : ISO 1996-1 : 2016

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย
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Technical Management

Chontichak

Chonticha Subongkoch
Scientist (3)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

Client : Bridgestone Metalpha (Thailand) Co., Ltd.

29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng, Amphur
Pluakdaeng, Rayong Thailand 21140

P/O : 4700062868

Project Name : EIA Monitoring

Project Location :

Lot ID: 2576812

Date Received : Aug 25, 2025

Date Reported : Aug 29, 2025

Report Number: 3394530-1

Page 1 of 1

Sample Number 2576812-13
Parameter Noise (Leq 8 hrs.)
Location บริเวณ MFG- Office
Measurement Date Aug 22, 2025
Measurement by Nantawat Sarin

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:02 AM - 10:02 AM	57.8	70.7	53.1
10:02 AM - 11:02 AM	57.7	75.5	50.3
11:02 AM - 12:02 PM	54.5	70.6	49.4
12:02 PM - 01:02 PM	50.7	71.4	42.5
01:02 PM - 02:02 PM	55.0	82.1	49.3
02:02 PM - 03:02 PM	52.8	68.1	49.8
03:02 PM - 04:02 PM	57.0	73.7	50.9
04:02 PM - 05:02 PM	57.9	74.6	51.8

Leq Average 8 hrs. (dB(A))

56.0

Lmax (dB(A))

82.1

Standard (dB(A))

90

140

Reference Method : ISO 1996-1 : 2016

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย
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Analysis / Test Report

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29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng, Amphur
Pluakdaeng, Rayong Thailand 21140

P/O : 4700062868

Project Name : EIA Monitoring

Project Location :

Lot ID: 2580845

Date Received : Aug 29, 2025

Date Reported : Sep 04, 2025

Report Number: 3398870-1

Page 1 of 1

Sample Number 2580845-1
Parameter Noise (Leq 8 hrs.)
Location บริเวณ DDA Pay off
Measurement Date Aug 27, 2025
Measurement by Nattakarn Vonginyoo

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
04:09 PM - 05:09 PM	86.3	90.2	82.0
05:09 PM - 06:09 PM	86.4	89.9	84.7
06:09 PM - 07:09 PM	86.0	93.6	84.1
07:09 PM - 08:09 PM	87.1	92.7	85.1
08:09 PM - 09:09 PM	86.6	91.7	84.8
09:09 PM - 10:09 PM	86.0	89.8	84.3
10:09 PM - 11:09 PM	85.5	94.6	83.4
11:09 PM - 12:09 AM	84.6	89.1	82.2

Leq Average 8 hrs. (dB(A))

86.1

Lmax (dB(A))

94.6

Standard (dB(A))

90

140

Reference Method : ISO 1996-1 : 2016

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย
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Technical Management

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Scientist (3)

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ภาคผนวก ค-6

ระดับเสียงเฉลี่ยตลอดเวลาการทำงาน (Noise Dose, TWA)



Analysis / Test Report

Client : Bridgestone Metalpha (Thailand) Co., Ltd.
29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol
Pluakdaeng, Amphur Pluakdaeng, Rayong Thailand 21140
P/O : 4700062868
Project Name : EIA Monitoring
Project Location :

Lot ID: 2576814

Date Received : Aug 25, 2025

Date Reported : Aug 30, 2025

Report Number : 3384566-1

Page 1 of 11

Sample Number : 2576814-2
Sampled Date : Aug 22, 2025
Sample Description : Noise Dose
Location : R-Plant PL Take up
Personal Sampling : คุณเอกนิติ วงศ์สุริยา
Date Analysis Commenced : Aug 26, 2025

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Noise Dose (8 hrs.)	08:00 AM - 04:00 PM	%	-	1	79.4	No Standard	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Rayong
TWA (8 hrs.)	08:00 AM - 04:00 PM	dB(A)	-	-	84.0	85	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Rayong

Guideline :

- MOL : 1. Notification of Department Labour Protection and Welfare on the Criteria and Procedures for Measurement and Analysis of Working Conditions in relation to Heat, Light or Noise Levels, including Duration and Types of Business that must perform (B.E. 2561)
2. Notification of Department of Labour Protection and Welfare on the Standard of Time Weighted Average (TWA) Noise Level (B.E. 2561)

Sampled By : Chanon Booncheun

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

Approved by

Supot Salamteh
Section Head

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29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol
Pluakdaeng, Amphur Pluakdaeng, Rayong Thailand 21140
P/O : 4700062868
Project Name : EIA Monitoring
Project Location :

Lot ID: 2576814

Date Received : Aug 25, 2025
Date Reported : Aug 30, 2025
Report Number : 3384566-1

Page 2 of 11

Sample Number 2576814-3
Sampled Date Aug 22, 2025
Sample Description Noise Dose
Location R-Plant SC Take up
Personal Sampling คุณพูนศักดิ์ จริตรัมย์
Date Analysis Commenced Aug 26, 2025

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Noise Dose (8 hrs.)	08:00 AM - 04:00 PM	%	-	1	93.3	No Standard	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Rayong
TWA (8 hrs.)	08:00 AM - 04:00 PM	dB(A)	-	-	84.7	85	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Rayong

Guideline :

- MOL : 1. Notification of Department Labour Protection and Welfare on the Criteria and Procedures for Measurement and Analysis of Working Conditions in relation to Heat, Light or Noise Levels, including Duration and Types of Business that must perform (B.E. 2561)
2. Notification of Department of Labour Protection and Welfare on the Standard of Time Weighted Average (TWA) Noise Level (B.E. 2561)

Sampled By : Chanon Booncheun

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

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29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol
Pluakdaeng, Amphur Pluakdaeng, Rayong Thailand 21140
P/O : 4700062868
Project Name : EIA Monitoring
Project Location :

Lot ID: 2576814

Date Received : Aug 25, 2025
Date Reported : Aug 30, 2025
Report Number : 3384566-1

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Sample Number 2576814-5
Sampled Date Aug 22, 2025
Sample Description Noise Dose
Location R-Plant SR Take up
Personal Sampling คุณจักรพงษ์ คำฟู
Date Analysis Commenced Aug 26, 2025

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Noise Dose (8 hrs.)	08:00 AM - 04:00 PM	%	-	1	41.7	No Standard	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Rayong
TWA (8 hrs.)	08:00 AM - 04:00 PM	dB(A)	-	-	81.2	85	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Rayong

Guideline :

- MOL : 1. Notification of Department Labour Protection and Welfare on the Criteria and Procedures for Measurement and Analysis of Working Conditions in relation to Heat, Light or Noise Levels, including Duration and Types of Business that must perform (B.E. 2561)
2. Notification of Department of Labour Protection and Welfare on the Standard of Time Weighted Average (TWA) Noise Level (B.E. 2561)

Sampled By : Chanon Booncheun

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

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Section Head

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Pluakdaeng, Amphur Pluakdaeng, Rayong Thailand 21140
P/O : 4700062868
Project Name : EIA Monitoring
Project Location :

Lot ID: 2576814

Date Received : Aug 25, 2025

Date Reported : Aug 30, 2025

Report Number : 3384566-1

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Sample Number 2576814-6
Sampled Date Aug 22, 2025
Sample Description Noise Dose
Location S-Plant WD Take up
Personal Sampling คุณเนเรศ ชัยศรี
Date Analysis Commenced Aug 26, 2025

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Noise Dose (8 hrs.)	08:00 AM - 04:00 PM	%	-	1	4786	No Standard	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Rayong
TWA (8 hrs.)	08:00 AM - 04:00 PM	dB(A)	-	-	101.8	85	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Rayong

Guideline :

- MOL : 1. Notification of Department Labour Protection and Welfare on the Criteria and Procedures for Measurement and Analysis of Working Conditions in relation to Heat, Light or Noise Levels, including Duration and Types of Business that must perform (B.E. 2561)
2. Notification of Department of Labour Protection and Welfare on the Standard of Time Weighted Average (TWA) Noise Level (B.E. 2561)

Sampled By : Chanon Booncheun

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

Approved by

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Pluakdaeng, Amphur Pluakdaeng, Rayong Thailand 21140
P/O : 4700062868
Project Name : EIA Monitoring
Project Location :

Lot ID: 2576814

Date Received : Aug 25, 2025
Date Reported : Aug 30, 2025
Report Number : 3384566-1

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Sample Number 2576814-7
Sampled Date Aug 22, 2025
Sample Description Noise Dose
Location S-Plant SC Take up
Personal Sampling คุณสมพงษ์ ดำเนินงาน
Date Analysis Commenced Aug 26, 2025

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Noise Dose (8 hrs.)	08:00 AM - 04:00 PM	%	-	1	1175	No Standard	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Rayong
TWA (8 hrs.)	08:00 AM - 04:00 PM	dB(A)	-	-	95.7	85	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Rayong

Guideline :

- MOL : 1. Notification of Department Labour Protection and Welfare on the Criteria and Procedures for Measurement and Analysis of Working Conditions in relation to Heat, Light or Noise Levels, including Duration and Types of Business that must perform (B.E. 2561)
2. Notification of Department of Labour Protection and Welfare on the Standard of Time Weighted Average (TWA) Noise Level (B.E. 2561)

Sampled By : Chanon Booncheun

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

Approved by

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Section Head

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Pluakdaeng, Amphur Pluakdaeng, Rayong Thailand 21140
P/O : 4700062868
Project Name : EIA Monitoring
Project Location :

Lot ID: 2576814

Date Received : Aug 25, 2025
Date Reported : Aug 30, 2025
Report Number : 3384566-1

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Sample Number 2576814-8
Sampled Date Aug 22, 2025
Sample Description Noise Dose
Location S-Plant SR take up
Personal Sampling คุณสุกชัย หงษ์น้อย
Date Analysis Commenced Aug 26, 2025

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Noise Dose (8 hrs.)	08:00 AM - 04:00 PM	%	-	1	389	No Standard	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Rayong
TWA (8 hrs.)	08:00 AM - 04:00 PM	dB(A)	-	-	90.9	85	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Rayong

Guideline :

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2. Notification of Department of Labour Protection and Welfare on the Standard of Time Weighted Average (TWA) Noise Level (B.E. 2561)

Sampled By : Chanon Booncheun

Remark :

- LOD : Limit of Detection
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29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol
Pluakdaeng, Amphur Pluakdaeng, Rayong Thailand 21140
P/O : 4700062868
Project Name : EIA Monitoring
Project Location :

Lot ID: 2576814

Date Received : Aug 25, 2025
Date Reported : Aug 30, 2025
Report Number : 3384566-1

Page 7 of 11

Sample Number 2576814-9
Sampled Date Aug 22, 2025
Sample Description Noise Dose
Location S-Plant (Packing)
Personal Sampling คุณสุจิตรา พันธุ์เกา
Date Analysis Commenced Aug 26, 2025

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Noise Dose (8 hrs.)	08:00 AM - 04:00 PM	%	-	1	42.7	No Standard	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Rayong
TWA (8 hrs.)	08:00 AM - 04:00 PM	dB(A)	-	-	81.3	85	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Rayong

Guideline :

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2. Notification of Department of Labour Protection and Welfare on the Standard of Time Weighted Average (TWA) Noise Level (B.E. 2561)

Sampled By : Chanon Booncheun

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

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Pluakdaeng, Amphur Pluakdaeng, Rayong Thailand 21140
P/O : 4700062868
Project Name : EIA Monitoring
Project Location :

Lot ID: 2576814

Date Received : Aug 25, 2025

Date Reported : Aug 30, 2025

Report Number : 3384566-1

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Sample Number 2576814-10
Sampled Date Aug 22, 2025
Sample Description Noise Dose
Location T-Plant SR Take up
Personal Sampling คุณพิเชษฐ์ ทองนอก
Date Analysis Commenced Aug 26, 2025

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Noise Dose (8 hrs.)	08:00 AM - 04:00 PM	%	-	1	91.2	No Standard	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Rayong
TWA (8 hrs.)	08:00 AM - 04:00 PM	dB(A)	-	-	84.6	85	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Rayong

Guideline :

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Sampled By : Chanon Booncheun

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

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29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol
Pluakdaeng, Amphur Pluakdaeng, Rayong Thailand 21140
P/O : 4700062868
Project Name : EIA Monitoring
Project Location :

Lot ID: 2576814

Date Received : Aug 25, 2025

Date Reported : Aug 30, 2025

Report Number : 3384566-1

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Sample Number 2576814-11
Sampled Date Aug 22, 2025
Sample Description Noise Dose
Location New office
Personal Sampling คุณธนารัตน์ แสงบุญ
Date Analysis Commenced Aug 26, 2025

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Noise Dose (8 hrs.)	08:00 AM - 04:00 PM	%	-	1	2.3	No Standard	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Rayong
TWA (8 hrs.)	08:00 AM - 04:00 PM	dB(A)	-	-	68.7	85	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Rayong

Guideline :

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Sampled By : Chanon Booncheun

Remark :

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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

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29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol
Pluakdaeng, Amphur Pluakdaeng, Rayong Thailand 21140
P/O : 4700062868
Project Name : EIA Monitoring
Project Location :

Lot ID: 2576814

Date Received : Aug 25, 2025

Date Reported : Aug 30, 2025

Report Number : 3384566-1

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Sample Number 2576814-12
Sampled Date Aug 22, 2025
Sample Description Noise Dose
Location T-Plant (Packing)
Personal Sampling คุณเอรชา คุณเกิ่ง
Date Analysis Commenced Aug 26, 2025

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Noise Dose (8 hrs.)	08:00 AM - 04:00 PM	%	-	1	50.1	No Standard	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Rayong
TWA (8 hrs.)	08:00 AM - 04:00 PM	dB(A)	-	-	82.0	85	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Rayong

Guideline :

- MOL : 1. Notification of Department Labour Protection and Welfare on the Criteria and Procedures for Measurement and Analysis of Working Conditions in relation to Heat, Light or Noise Levels, including Duration and Types of Business that must perform (B.E. 2561)
2. Notification of Department of Labour Protection and Welfare on the Standard of Time Weighted Average (TWA) Noise Level (B.E. 2561)

Sampled By : Chanon Booncheun

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

Approved by

Supot Salamteh
Section Head

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Analysis / Test Report

Client : Bridgestone Metalpha (Thailand) Co., Ltd.
29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol
Pluakdaeng, Amphur Pluakdaeng, Rayong Thailand 21140
P/O : 4700062868
Project Name : EIA Monitoring
Project Location :

Lot ID: 2576814

Date Received : Aug 25, 2025
Date Reported : Aug 30, 2025
Report Number : 3384566-1

Page 11 of 11

Sample Number 2576814-13
Sampled Date Aug 22, 2025
Sample Description Noise Dose
Location MFG office
Personal Sampling คุณฉวีชัย กายเลิศ
Date Analysis Commenced Aug 26, 2025

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Noise Dose (8 hrs.)	08:00 AM - 04:00 PM	%	-	1	1.1	No Standard	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Rayong
TWA (8 hrs.)	08:00 AM - 04:00 PM	dB(A)	-	-	65.4	85	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Rayong

Guideline :

- MOL : 1. Notification of Department Labour Protection and Welfare on the Criteria and Procedures for Measurement and Analysis of Working Conditions in relation to Heat, Light or Noise Levels, including Duration and Types of Business that must perform (B.E. 2561)
2. Notification of Department of Labour Protection and Welfare on the Standard of Time Weighted Average (TWA) Noise Level (B.E. 2561)

Sampled By : Chanon Booncheun

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

Approved by

Supot Salamteh
Section Head

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Analysis / Test Report

Client : Bridgestone Metalpha (Thailand) Co., Ltd.
29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol
Pluakdaeng, Amphur Pluakdaeng, Rayong Thailand 21140
P/O : 4700062868
Project Name : EIA Monitoring
Project Location :

Lot ID: 2580849

Date Received : Aug 29, 2025
Date Reported : Sep 03, 2025
Report Number : 3391575-1

Page 1 of 1

Sample Number 2580849-1
Sampled Date Aug 27, 2025
Sample Description Noise Dose
Location DDA Pay-off
Personal Sampling คุณเอวิสิทธิ์ การงาน
Date Analysis Commenced Sep 02, 2025

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Noise Dose (8 hrs.)	04:00 PM - 12:00 AM	%	-	1	126	No Standard	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Rayong
TWA (8 hrs.)	04:00 PM - 12:00 AM	dB(A)	-	-	86.0	85	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Rayong

Guideline :

- MOL : 1. Notification of Department Labour Protection and Welfare on the Criteria and Procedures for Measurement and Analysis of Working Conditions in relation to Heat, Light or Noise Levels, including Duration and Types of Business that must perform (B.E. 2561)
2. Notification of Department of Labour Protection and Welfare on the Standard of Time Weighted Average (TWA) Noise Level (B.E. 2561)

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

Approved by

Supot Salamteh
Section Head

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ภาคผนวก ค-7

ระดับความร้อนในบริเวณการทำงาน



Analysis / Test Report

Client : Bridgestone Metalphi (Thailand) Co., Ltd.
29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol
Pluakdaeng, Amphur Pluakdaeng, Rayong Thailand 21140
P/O : 4700062868
Project Name : EIA Monitoring
Project Location :

Lot ID: 2576816

Date Received : Aug 25, 2025

Date Reported : Aug 30, 2025

Report Number: 3384567-1

Page 1 of 3

Sample Number 2576816-1
Parameter Heat Stress (Sampling Time : 01.30 PM - 03.30 PM)
Measurement Date Aug 22, 2025
Measurement by Chanon Booncheun
Location ปฏิบัติงาน 1 พื้นที่ (ชื่อ-นามสกุล ผู้ปฏิบัติงาน : - แผนก : -)

Location	Duration (min)	WBGT (°C)	NWB (°C)	GT (°C)	DB (°C)
PL Furnace (หัวLine)	120	32.3	28.4	41.4	37.9
Average (WBGT)		32.3			
Guideline WBGT (°C)		34.0			

Reference Method : Wet Bulb Globe Temperature

Guideline:

1. Notification of Department Labour Protection and Welfare on the Criteria and Procedures for Measurement and Analysis of Working Conditions in relation to Heat, Light or Noise Levels, including Duration and Types of Business that must perform (B.E. 2561)
2. Ministerial Regulation on Prescribing of Standard for Administration and Management of Occupational Safety, Health and Environment in relation to Heat, Light and Noise, B.E.2559

Technical Management


Supot Salamteh
Section Head

Approved by


Wichan Choonharat
Assistant Manager

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Analysis / Test Report

Client : Bridgestone Metalphi (Thailand) Co., Ltd.
29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol
Pluakdaeng, Amphur Pluakdaeng, Rayong Thailand 21140
P/O : 4700062868
Project Name : EIA Monitoring
Project Location :

Lot ID: 2576816

Date Received : Aug 25, 2025

Date Reported : Aug 30, 2025

Report Number: 3384567-1

Page 2 of 3

Sample Number 2576816-2
Parameter Heat Stress (Sampling Time : 01.30 PM - 03.30 PM)
Measurement Date Aug 22, 2025
Measurement by Chanon Booncheun
Location ปฏิบัติงาน 1 พื้นที่ (ชื่อ-นามสกุล ผู้ปฏิบัติงาน : - แผนก : -)

Location	Duration (min)	WBGT (°C)	NWB (°C)	GT (°C)	DB (°C)
PL Furnace (ท้ายLine)	120	32.2	28.6	40.6	38.5
Average (WBGT)		32.2			
Guideline WBGT (°C)		34.0			

Reference Method : Wet Bulb Globe Temperature

Guideline:

1. Notification of Department Labour Protection and Welfare on the Criteria and Procedures for Measurement and Analysis of Working Conditions in relation to Heat, Light or Noise Levels, including Duration and Types of Business that must perform (B.E. 2561)
2. Ministerial Regulation on Prescribing of Standard for Administration and Management of Occupational Safety, Health and Environment in relation to Heat, Light and Noise, B.E.2559

Technical Management


Supot Salamteh
Section Head

Approved by


Wichan Choonharat
Assistant Manager

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Analysis / Test Report

Client : Bridgestone Metalphi (Thailand) Co., Ltd.
29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol
Pluakdaeng, Amphur Pluakdaeng, Rayong Thailand 21140
P/O : 4700062868
Project Name : EIA Monitoring
Project Location :

Lot ID: 2576816

Date Received : Aug 25, 2025

Date Reported : Aug 30, 2025

Report Number: 3384567-1

Page 3 of 3

Sample Number 2576816-3
Parameter Heat Stress (Sampling Time : 01.30 PM - 03.30 PM)
Measurement Date Aug 22, 2025
Measurement by Chanon Booncheun
Location ปฏิบัติงาน 1 พื้นที่ (ชื่อ-นามสกุล ผู้ปฏิบัติงาน : - แผนก : -)

Location	Duration (min)	WBGT (°C)	NWB (°C)	GT (°C)	DB (°C)
PL Take up	120	29.8	27.2	35.7	35.4
Average (WBGT)		29.8			
Guideline WBGT (°C)		32.0			

Reference Method : Wet Bulb Globe Temperature

Guideline:

1. Notification of Department Labour Protection and Welfare on the Criteria and Procedures for Measurement and Analysis of Working Conditions in relation to Heat, Light or Noise Levels, including Duration and Types of Business that must perform (B.E. 2561)
2. Ministerial Regulation on Prescribing of Standard for Administration and Management of Occupational Safety, Health and Environment in relation to Heat, Light and Noise, B.E.2559

Technical Management


Supot Salamteh
Section Head

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Assistant Manager

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ภาคผนวก ค-8

ความเข้มแสงสว่างในบริเวณการทำงาน



Analysis / Test Report

Client : Bridgestone Metalpha (Thailand) Co., Ltd.

29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng, Amphur
Pluakdaeng, Rayong Thailand 21140

P/O :

Project Name : EIA Monitoring

Project Location:

Lot ID: 2586164 (2)

Date Received : Sep 19, 2025

Date Reported : Dec 08, 2025

Report Number: 2586164 (2)-1 Rev. No.1

Page 1 of 8

Bridgestone Metalpha (Thailand) Co., Ltd.

Lay out No.	Location	Reference Number	Date	Time	No.	Illuminance (Lux)		Guideline Limit		Comment
						Spot	Average	Spot/Min	Average	
15	Area : T-Plant SC New Area	2586164 (2)-1	17-Sep-25	Night time	1	434	423	150	300	Pass
		2586164 (2)-2	17-Sep-25	Night time	2	369				
		2586164 (2)-3	17-Sep-25	Night time	3	564				
		2586164 (2)-4	17-Sep-25	Night time	4	419				
		2586164 (2)-5	17-Sep-25	Night time	5	362				
		2586164 (2)-6	17-Sep-25	Night time	6	388				
		2586164 (2)-7	17-Sep-25	Night time	7	480				
		2586164 (2)-8	17-Sep-25	Night time	8	492				
		2586164 (2)-9	17-Sep-25	Night time	9	350				
		2586164 (2)-10	17-Sep-25	Night time	10	244				
		2586164 (2)-11	17-Sep-25	Night time	11	234				
		2586164 (2)-12	17-Sep-25	Night time	12	337				
16	Area : T-Plant SR	2586164 (2)-13	17-Sep-25	Night time	1	328	338	150	300	Pass
		2586164 (2)-14	17-Sep-25	Night time	2	370				
		2586164 (2)-15	17-Sep-25	Night time	3	405				
		2586164 (2)-16	17-Sep-25	Night time	4	317				
		2586164 (2)-17	17-Sep-25	Night time	5	363				
		2586164 (2)-18	17-Sep-25	Night time	6	339				
		2586164 (2)-19	17-Sep-25	Night time	7	295				
		2586164 (2)-20	17-Sep-25	Night time	8	324				
		2586164 (2)-21	17-Sep-25	Night time	9	344				
		2586164 (2)-22	17-Sep-25	Night time	10	214				
		2586164 (2)-23	17-Sep-25	Night time	11	335				
		2586164 (2)-24	17-Sep-25	Night time	12	316				
17	Area : R-Plant WD	2586164 (2)-25	17-Sep-25	Night time	1	535	380	150	300	Pass
		2586164 (2)-26	17-Sep-25	Night time	2	372				
		2586164 (2)-27	17-Sep-25	Night time	3	260				
		2586164 (2)-28	17-Sep-25	Night time	4	338				
		2586164 (2)-29	17-Sep-25	Night time	5	365				
		2586164 (2)-30	17-Sep-25	Night time	6	367				
		2586164 (2)-31	17-Sep-25	Night time	7	310				
		2586164 (2)-32	17-Sep-25	Night time	8	336				
		2586164 (2)-33	17-Sep-25	Night time	9	236				
		2586164 (2)-34	17-Sep-25	Night time	10	439				
		2586164 (2)-35	17-Sep-25	Night time	11	450				
		2586164 (2)-36	17-Sep-25	Night time	12	407				

Technical Management

Supot Salamteh
Section Head

Approved by

Wichan Choonharat
Assistant Manager

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Analysis / Test Report

Client : Bridgestone Metalpha (Thailand) Co., Ltd.

29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng, Amphur
Pluakdaeng, Rayong Thailand 21140

P/O :

Project Name : EIA Monitoring

Project Location:

Lot ID: 2586164 (2)

Date Received : Sep 19, 2025

Date Reported : Dec 08, 2025

Report Number: 2586164 (2)-1 Rev. No.1

Page 2 of 8

Bridgestone Metalpha (Thailand) Co., Ltd.

Lay out No.	Location	Reference Number	Date	Time	No.	Illuminance (Lux)		Guideline Limit		Comment
						Spot	Average	Spot/Min	Average	
18	Area : T-Plant WD	2586164 (2)-37	17-Sep-25	Night time	1	328	337	150	300	Pass
		2586164 (2)-38	17-Sep-25	Night time	2	297				
		2586164 (2)-39	17-Sep-25	Night time	3	288				
		2586164 (2)-40	17-Sep-25	Night time	4	317				
		2586164 (2)-41	17-Sep-25	Night time	5	208				
		2586164 (2)-42	17-Sep-25	Night time	6	192				
		2586164 (2)-43	17-Sep-25	Night time	7	246				
		2586164 (2)-44	17-Sep-25	Night time	8	302				
		2586164 (2)-45	17-Sep-25	Night time	9	493				
		2586164 (2)-46	17-Sep-25	Night time	10	283				
		2586164 (2)-47	17-Sep-25	Night time	11	582				
		2586164 (2)-48	17-Sep-25	Night time	12	398				
19	Area : T-Plant WD New area	2586164 (2)-49	17-Sep-25	Night time	1	401	409	150	300	Pass
		2586164 (2)-50	17-Sep-25	Night time	2	379				
		2586164 (2)-51	17-Sep-25	Night time	3	363				
		2586164 (2)-52	17-Sep-25	Night time	4	490				
		2586164 (2)-53	17-Sep-25	Night time	5	189				
		2586164 (2)-54	17-Sep-25	Night time	6	173				
		2586164 (2)-55	17-Sep-25	Night time	7	151				
		2586164 (2)-56	17-Sep-25	Night time	8	165				
		2586164 (2)-57	17-Sep-25	Night time	9	216				
		2586164 (2)-58	17-Sep-25	Night time	10	619				
		2586164 (2)-59	17-Sep-25	Night time	11	431				
		2586164 (2)-60	17-Sep-25	Night time	12	538				
20	Area : T-Plant SR New Area	2586164 (2)-61	17-Sep-25	Night time	1	315	389	150	300	Pass
		2586164 (2)-62	17-Sep-25	Night time	2	479				
		2586164 (2)-63	17-Sep-25	Night time	3	346				
		2586164 (2)-64	17-Sep-25	Night time	4	305				
		2586164 (2)-65	17-Sep-25	Night time	5	420				
		2586164 (2)-66	17-Sep-25	Night time	6	388				
		2586164 (2)-67	17-Sep-25	Night time	7	328				
		2586164 (2)-68	17-Sep-25	Night time	8	310				
		2586164 (2)-69	17-Sep-25	Night time	9	392				
		2586164 (2)-70	17-Sep-25	Night time	10	343				
		2586164 (2)-71	17-Sep-25	Night time	11	545				
		2586164 (2)-72	17-Sep-25	Night time	12	420				

Technical Management

Supot Salamteh
Section Head

Approved by

Wichan Choonharat
Assistant Manager

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Analysis / Test Report

Client : Bridgestone Metalpha (Thailand) Co., Ltd.

29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng, Amphur
Pluakdaeng, Rayong Thailand 21140

P/O :

Project Name : EIA Monitoring

Project Location:

Lot ID: 2586164 (2)

Date Received : Sep 19, 2025

Date Reported : Dec 08, 2025

Report Number: 2586164 (2)-1 Rev. No.1

Page 3 of 8

Bridgestone Metalpha (Thailand) Co., Ltd.										
Lay out No.	Location	Reference Number	Date	Time	No.	Illuminance (Lux)		Guideline Limit		Comment
						Spot	Average	Spot/Min	Average	
21	Area : T-Plant SC	2586164 (2)-73	17-Sep-25	Night time	1	526	564	150	300	Pass
		2586164 (2)-74	17-Sep-25	Night time	2	632				
		2586164 (2)-75	17-Sep-25	Night time	3	755				
		2586164 (2)-76	17-Sep-25	Night time	4	615				
		2586164 (2)-77	17-Sep-25	Night time	5	433				
		2586164 (2)-78	17-Sep-25	Night time	6	464				
		2586164 (2)-79	17-Sep-25	Night time	7	442				
		2586164 (2)-80	17-Sep-25	Night time	8	404				
		2586164 (2)-81	17-Sep-25	Night time	9	324				
		2586164 (2)-82	17-Sep-25	Night time	10	510				
		2586164 (2)-83	17-Sep-25	Night time	11	278				
		2586164 (2)-84	17-Sep-25	Night time	12	466				
22	Spot : Canteen-Food Sale	2586164 (2)-85	19-Sep-25	Day time	1	490	-	215	-	Pass
23	Spot : Canteen-Wash	2586164 (2)-86	19-Sep-25	Day time	1	435	-	300	-	Pass
24	Spot : Canteen-Prepare	2586164 (2)-87	19-Sep-25	Night time	1	666	-	300	-	Pass
25	Spot : Canteen-Cooking	2586164 (2)-88	19-Sep-25	Night time	1	304	-	300	-	Pass
26	Spot : Canteen-Freezer	2586164 (2)-89	19-Sep-25	Night time	1	322	-	100	-	Pass
27	Area : Canteen-Men Toilet	2586164 (2)-90	19-Sep-25	Night time	1	676	584	50	100	Pass
		2586164 (2)-91	19-Sep-25	Night time	2	492				
28	Area : Canteen-Female Toilet	2586164 (2)-92	19-Sep-25	Night time	1	951	820	50	100	Pass
		2586164 (2)-93	19-Sep-25	Night time	2	688				

Technical Management

Supot Salamteh
Section Head

Approved by

Wichan Choonharat
Assistant Manager

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Analysis / Test Report

Client : Bridgestone Metalpha (Thailand) Co., Ltd.

29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng, Amphur Pluakdaeng, Rayong Thailand 21140

P/O :

Project Name : EIA Monitoring

Project Location:

Lot ID: 2586164 (2)

Date Received : Sep 19, 2025

Date Reported : Dec 08, 2025

Report Number: 2586164 (2)-1 Rev. No.1

Page 4 of 8

Bridgestone Metalpha (Thailand) Co., Ltd.

Lay out No.	Location	Reference Number	Date	Time	No.	Illuminance (Lux)		Guideline Limit		Comment
						Spot	Average	Spot/Min	Average	
30	Area : DDA Take Up Area	2586164 (2)-106	18-Sep-25	Night time	1	386	455	150	300	Pass
		2586164 (2)-107	18-Sep-25	Night time	2	354				
		2586164 (2)-108	18-Sep-25	Night time	3	508				
		2586164 (2)-109	18-Sep-25	Night time	4	473				
		2586164 (2)-110	18-Sep-25	Night time	5	706				
		2586164 (2)-111	18-Sep-25	Night time	6	705				
		2586164 (2)-112	18-Sep-25	Night time	7	492				
		2586164 (2)-113	18-Sep-25	Night time	8	535				
		2586164 (2)-114	18-Sep-25	Night time	9	502				
		2586164 (2)-115	18-Sep-25	Night time	10	521				
		2586164 (2)-116	18-Sep-25	Night time	11	482				
		2586164 (2)-117	18-Sep-25	Night time	12	434				
31	Area : PL Pay Off Area	2586164 (2)-118	19-Sep-25	Night time	1	421	535	150	300	Pass
		2586164 (2)-119	19-Sep-25	Night time	2	628				
		2586164 (2)-120	19-Sep-25	Night time	3	521				
		2586164 (2)-121	19-Sep-25	Night time	4	667				
		2586164 (2)-122	19-Sep-25	Night time	5	383				
		2586164 (2)-123	19-Sep-25	Night time	6	345				
		2586164 (2)-124	19-Sep-25	Night time	7	465				
		2586164 (2)-125	19-Sep-25	Night time	8	483				
		2586164 (2)-126	19-Sep-25	Night time	9	475				
		2586164 (2)-127	19-Sep-25	Night time	10	372				
		2586164 (2)-128	19-Sep-25	Night time	11	354				
		2586164 (2)-129	19-Sep-25	Night time	12	368				
32	Area : PL Take Up Area	2586164 (2)-130	18-Sep-25	Night time	1	905	668	150	300	Pass
		2586164 (2)-131	18-Sep-25	Night time	2	688				
		2586164 (2)-132	18-Sep-25	Night time	3	695				
		2586164 (2)-133	18-Sep-25	Night time	4	564				
		2586164 (2)-134	18-Sep-25	Night time	5	171				
		2586164 (2)-135	18-Sep-25	Night time	6	207				
		2586164 (2)-136	18-Sep-25	Night time	7	511				
		2586164 (2)-137	18-Sep-25	Night time	8	429				
		2586164 (2)-138	18-Sep-25	Night time	9	357				
		2586164 (2)-139	18-Sep-25	Night time	10	316				
		2586164 (2)-140	18-Sep-25	Night time	11	340				
		2586164 (2)-141	18-Sep-25	Night time	12	673				

Technical Management

Supot S

Supot Salamteh
Section Head

Approved by

Wichan Choonharat

Wichan Choonharat
Assistant Manager

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Analysis / Test Report

Client : Bridgestone Metalpha (Thailand) Co., Ltd.

29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng, Amphur
Pluakdaeng, Rayong Thailand 21140

P/O :

Project Name : EIA Monitoring

Project Location:

Lot ID: 2586164 (2)

Date Received : Sep 19, 2025

Date Reported : Dec 08, 2025

Report Number: 2586164 (2)-1 Rev. No.1

Page 5 of 8

Bridgestone Metalpha (Thailand) Co., Ltd.

Lay out No.	Location	Reference Number	Date	Time	No.	Illuminance (Lux)		Guideline Limit		Comment
						Spot	Average	Spot/Min	Average	
33	Area : HCl Bath; HCl Rising; P-Cu BathS-Zn Bath; S-Zn	2586164 (2)-142	19-Sep-25	Night time	1	388	370	150	300	Pass
		2586164 (2)-143	19-Sep-25	Night time	2	428				
		2586164 (2)-144	19-Sep-25	Night time	3	447				
		2586164 (2)-145	19-Sep-25	Night time	4	265				
		2586164 (2)-146	19-Sep-25	Night time	5	261				
		2586164 (2)-147	19-Sep-25	Night time	6	371				
		2586164 (2)-148	19-Sep-25	Night time	7	290				
		2586164 (2)-149	19-Sep-25	Night time	8	289				
		2586164 (2)-150	19-Sep-25	Night time	9	324				
		2586164 (2)-151	19-Sep-25	Night time	10	184				
		2586164 (2)-152	19-Sep-25	Night time	11	408				
		2586164 (2)-153	19-Sep-25	Night time	12	156				
34	Area : TD-Keeping Furnace	2586164 (2)-154	19-Sep-25	Night time	1	434	364	150	300	Pass
		2586164 (2)-155	19-Sep-25	Night time	2	428				
		2586164 (2)-156	19-Sep-25	Night time	3	358				
		2586164 (2)-157	19-Sep-25	Night time	4	273				
		2586164 (2)-158	19-Sep-25	Night time	5	438				
		2586164 (2)-159	19-Sep-25	Night time	6	385				
		2586164 (2)-160	19-Sep-25	Night time	7	332				
		2586164 (2)-161	19-Sep-25	Night time	8	322				
		2586164 (2)-162	19-Sep-25	Night time	9	337				
		2586164 (2)-163	19-Sep-25	Night time	10	248				
		2586164 (2)-164	19-Sep-25	Night time	11	214				
		2586164 (2)-165	19-Sep-25	Night time	12	343				
35	Area : R-Plant SC Area	2586164 (2)-166	17-Sep-25	Night time	1	545	408	150	300	Pass
		2586164 (2)-167	17-Sep-25	Night time	2	372				
		2586164 (2)-168	17-Sep-25	Night time	3	383				
		2586164 (2)-169	17-Sep-25	Night time	4	378				
		2586164 (2)-170	17-Sep-25	Night time	5	452				
		2586164 (2)-171	17-Sep-25	Night time	6	355				
		2586164 (2)-172	17-Sep-25	Night time	7	511				
		2586164 (2)-173	17-Sep-25	Night time	8	460				
		2586164 (2)-174	17-Sep-25	Night time	9	472				
		2586164 (2)-175	17-Sep-25	Night time	10	367				
		2586164 (2)-176	17-Sep-25	Night time	11	254				
		2586164 (2)-177	17-Sep-25	Night time	12	282				

Technical Management

Supot Salamteh
Section Head

Approved by

Wichan Choonharat
Assistant Manager

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ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company



Analysis / Test Report

Client : Bridgestone Metalpha (Thailand) Co., Ltd.

29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng, Amphur Pluakdaeng, Rayong Thailand 21140

P/O :

Project Name : EIA Monitoring

Project Location:

Lot ID: 2586164 (2)

Date Received : Sep 19, 2025

Date Reported : Dec 08, 2025

Report Number: 2586164 (2)-1 Rev. No.1

Page 6 of 8

Bridgestone Metalpha (Thailand) Co., Ltd.

Lay out No.	Location	Reference Number	Date	Time	No.	Illuminance (Lux)		Guideline Limit		Comment
						Spot	Average	Spot/Min	Average	
36	Area : R-Plant SR Area	2586164 (2)-178	17-Sep-25	Night time	1	399	377	150	300	Pass
		2586164 (2)-179	17-Sep-25	Night time	2	464				
		2586164 (2)-180	17-Sep-25	Night time	3	553				
		2586164 (2)-181	17-Sep-25	Night time	4	452				
		2586164 (2)-182	17-Sep-25	Night time	5	666				
		2586164 (2)-183	17-Sep-25	Night time	6	628				
		2586164 (2)-184	17-Sep-25	Night time	7	431				
		2586164 (2)-185	17-Sep-25	Night time	8	440				
		2586164 (2)-186	17-Sep-25	Night time	9	479				
		2586164 (2)-187	17-Sep-25	Night time	10	320				
		2586164 (2)-188	17-Sep-25	Night time	11	282				
		2586164 (2)-189	17-Sep-25	Night time	12	278				
37	Area : R-Plant SC Line 8 Area	2586164 (2)-190	17-Sep-25	Night time	1	354	408	150	300	Pass
		2586164 (2)-191	17-Sep-25	Night time	2	366				
		2586164 (2)-192	17-Sep-25	Night time	3	549				
		2586164 (2)-193	17-Sep-25	Night time	4	423				
		2586164 (2)-194	17-Sep-25	Night time	5	463				
		2586164 (2)-195	17-Sep-25	Night time	6	446				
		2586164 (2)-196	17-Sep-25	Night time	7	306				
		2586164 (2)-197	17-Sep-25	Night time	8	270				
		2586164 (2)-198	17-Sep-25	Night time	9	531				
		2586164 (2)-199	17-Sep-25	Night time	10	353				
		2586164 (2)-200	17-Sep-25	Night time	11	388				
		2586164 (2)-201	17-Sep-25	Night time	12	399				
38	Area : S-Plant WDS Area	2586164 (2)-202	18-Sep-25	Night time	1	495	583	150	300	Pass
		2586164 (2)-203	18-Sep-25	Night time	2	806				
		2586164 (2)-204	18-Sep-25	Night time	3	567				
		2586164 (2)-205	18-Sep-25	Night time	4	553				
		2586164 (2)-206	18-Sep-25	Night time	5	505				
		2586164 (2)-207	18-Sep-25	Night time	6	523				
		2586164 (2)-208	18-Sep-25	Night time	7	437				
		2586164 (2)-209	18-Sep-25	Night time	8	487				
		2586164 (2)-210	18-Sep-25	Night time	9	240				
		2586164 (2)-211	18-Sep-25	Night time	10	323				
		2586164 (2)-212	18-Sep-25	Night time	11	371				
		2586164 (2)-213	18-Sep-25	Night time	12	202				

Technical Management

Supot S

Supot Salamteh
Section Head

Approved by

Wichan Choonharat

Wichan Choonharat
Assistant Manager

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Analysis / Test Report

Client : Bridgestone Metalpha (Thailand) Co., Ltd.

29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng, Amphur Pluakdaeng, Rayong Thailand 21140

P/O :

Project Name : EIA Monitoring

Project Location:

Lot ID: 2586164 (2)

Date Received : Sep 19, 2025

Date Reported : Dec 08, 2025

Report Number: 2586164 (2)-1 Rev. No.1

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Bridgestone Metalpha (Thailand) Co., Ltd.

Lay out No.	Location	Reference Number	Date	Time	No.	Illuminance (Lux)		Guideline Limit		Comment
						Spot	Average	Spot/Min	Average	
39	Area : S-Plant SC Area	2586164 (2)-214	18-Sep-25	Night time	1	568	600	150	300	Pass
		2586164 (2)-215	18-Sep-25	Night time	2	702				
		2586164 (2)-216	18-Sep-25	Night time	3	632				
		2586164 (2)-217	18-Sep-25	Night time	4	543				
		2586164 (2)-218	18-Sep-25	Night time	5	668				
		2586164 (2)-219	18-Sep-25	Night time	6	662				
		2586164 (2)-220	18-Sep-25	Night time	7	482				
		2586164 (2)-221	18-Sep-25	Night time	8	429				
		2586164 (2)-222	18-Sep-25	Night time	9	494				
		2586164 (2)-223	18-Sep-25	Night time	10	380				
		2586164 (2)-224	18-Sep-25	Night time	11	554				
		2586164 (2)-225	18-Sep-25	Night time	12	368				
40	Area : S-Plant SR Area	2586164 (2)-226	18-Sep-25	Night time	1	506	496	150	300	Pass
		2586164 (2)-227	18-Sep-25	Night time	2	399				
		2586164 (2)-228	18-Sep-25	Night time	3	303				
		2586164 (2)-229	18-Sep-25	Night time	4	339				
		2586164 (2)-230	18-Sep-25	Night time	5	455				
		2586164 (2)-231	18-Sep-25	Night time	6	428				
		2586164 (2)-232	18-Sep-25	Night time	7	668				
		2586164 (2)-233	18-Sep-25	Night time	8	585				
		2586164 (2)-234	18-Sep-25	Night time	9	693				
		2586164 (2)-235	18-Sep-25	Night time	10	404				
		2586164 (2)-236	18-Sep-25	Night time	11	626				
		2586164 (2)-237	18-Sep-25	Night time	12	579				
41	Area : Degreaser Bath-Furnace	2586164 (2)-238	19-Sep-25	Night time	1	248	300	150	300	Pass
		2586164 (2)-239	19-Sep-25	Night time	2	260				
		2586164 (2)-240	19-Sep-25	Night time	3	337				
		2586164 (2)-241	19-Sep-25	Night time	4	385				
		2586164 (2)-242	19-Sep-25	Night time	5	345				
		2586164 (2)-243	19-Sep-25	Night time	6	242				
		2586164 (2)-244	19-Sep-25	Night time	7	321				
		2586164 (2)-245	19-Sep-25	Night time	8	320				
		2586164 (2)-246	19-Sep-25	Night time	9	334				
		2586164 (2)-247	19-Sep-25	Night time	10	156				
		2586164 (2)-248	19-Sep-25	Night time	11	188				
		2586164 (2)-249	19-Sep-25	Night time	12	283				

Technical Management

Supot Salamteh
Section Head

Approved by

Wichan Choonharat
Assistant Manager

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ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company



Analysis / Test Report

Client : Bridgestone Metalpha (Thailand) Co., Ltd.

29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol Pluakdaeng, Amphur
Pluakdaeng, Rayong Thailand 21140

P/O :

Project Name : EIA Monitoring

Project Location:

Lot ID: 2586164 (2)

Date Received : Sep 19, 2025

Date Reported : Dec 08, 2025

Report Number: 2586164 (2)-1 Rev. No.1

Page 8 of 8

Bridgestone Metalpha (Thailand) Co., Ltd.

Lay out No.	Location	Reference Number	Date	Time	No.	Illuminance (Lux)		Guideline Limit		Comment
						Spot	Average	Spot/Min	Average	

Measurement by : Chaimongkol Saenmath

Guideline : Notification of Department of Labour Protection and Welfare, B.E.2560 (2017) dated November 27, B.E.2560 (2017), and published in the Royal Government Gazette, Vol.135, Part 39D dated February 21 B.E.2561 (2018)

Note : This Analysis test report is reissued to supersede report No.2586164 (2) -1, Date Reported : Sep 25, 2025 due to revise analytical information.

Technical Management

Supot Salamteh
Section Head

Approved by

Wichan Choonharat
Assistant Manager

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ภาคผนวก ค-9

ระดับความเข้มของสารเคมีในพื้นที่การทำงาน



Analysis / Test Report

Client : Bridgestone Metalpha (Thailand) Co., Ltd.
29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol
Pluakdaeng, Amphur Pluakdaeng, Rayong Thailand 21140
P/O : 4700062868
Project Name : EIA Monitoring
Project Location :

Lot ID: 2586137

Date Received : Oct 07, 2025
Date Reported : Oct 16, 2025
Report Number : 3405148-1

Page 1 of 7

Sample Number 2586137-1
Sampled Date Oct 07, 2025
Sample Description Air Quality
Location บริเวณกระบวนการติดตั้งขนาดลดแบบแห้ง (DDA ระหว่างไลน์ (ขยายความ : ตั้งเครื่อง Pointing ตรงข้ามชุด H1-H13)
Date Analysis Commenced Oct 09, 2025
Condition of Sample Drawn into two filter papers placed in each cassette
Barometric Pressure 751 mmHg
Atmospheric Temperature 32.3 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Respirable Dust	01:40 PM - 03:40 PM	mg/m3	-	0.15	<0.15	5	In-house method : STM 02-023 NIOSH Manual of Analytical Method 4th ed., NMAM, method 0600 Issue 3, 1998 (Include sampling)	OSHA	Rayong
Total Dust	01:40 PM - 03:40 PM	mg/m3	-	0.15	1.05	15	In-house method : STM 02-022 based on NIOSH Manual of Analytical Method, 4th ed., NMAM, method 0500 Issue 2, 1994 (Include sampling)	OSHA	Rayong

Guideline :

OSHA : Occupational Safety and Health Administration

Sampled By : Apichart Wilars

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

Approved by

Savitree N.

Savitree Noisangiam
Manager

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.



Analysis / Test Report

Client : Bridgestone Metalphi (Thailand) Co., Ltd.
29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol
Pluakdaeng, Amphur Pluakdaeng, Rayong Thailand 21140
P/O : 4700062868
Project Name : EIA Monitoring
Project Location :

Lot ID: 2586137

Date Received : Oct 07, 2025
Date Reported : Oct 16, 2025
Report Number : 3405148-1

Page 3 of 7

Sample Number 2586137-3
Sampled Date Oct 07, 2025
Sample Description Air Quality
Location บริเวณกระบวนการติดตั้งขนาดหลอดแบบแห้ง
Date Analysis Commenced Oct 08, 2025
Condition of Sample Drawn into one filter paper placed in plastic cassette
Barometric Pressure 751 mmHg
Atmospheric Temperature 32.3 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Metals Testing									
Copper	01:40 PM - 03:40 PM	mg/m3	-	0.001	<0.001	1	NIOSH (2003), 7301	ACGIH	Bangkok
Iron	01:40 PM - 03:40 PM	mg/m3	-	0.002	0.28	No Standard	NIOSH (2003), 7301	-	Bangkok
Zinc (Inhalable dust)	01:40 PM - 03:40 PM	mg/m3	-	0.001	<0.001	No Standard	NIOSH (2003), 7301	-	Bangkok

Guideline :

ACGIH : The American Conference of Governmental Industrial Hygiene, The 6th edition of the Documentation of the Threshold Limit Values and Biological Exposure Indices (2025).

Sampled By : Apichart Wilars

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

Approved by

Savitree N.

Savitree Noisangiam
Manager

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Analysis / Test Report

Client : Bridgestone Metalpha (Thailand) Co., Ltd.
29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol
Pluakdaeng, Amphur Pluakdaeng, Rayong Thailand 21140
P/O : 4700062868
Project Name : EIA Monitoring
Project Location :

Lot ID: 2586137

Date Received : Oct 07, 2025
Date Reported : Oct 16, 2025
Report Number : 3405148-1

Page 6 of 7

Sample Number 2586137-6
Sampled Date Oct 07, 2025
Sample Description Air Quality
Location PL HCl Bath (Line 1)
Date Analysis Commenced Oct 08, 2025
Condition of Sample Drawn into one sorbent tube, refrigerated
Barometric Pressure 751 mmHg
Atmospheric Temperature 36.3 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Hydrogen chloride	02:10 PM - 04:10 PM	ppm	-	0.05	<0.05	5(C)	Based on OSHA, ID-174-SG	MOL	Bangkok

Guideline :

MOL : Announcement of the Department of Labour Protection and Welfare on Threshold Limit Values of Hazardous Chemical Substances Dated August 3, B.E. 2560 (2017)

Sampled By : Apichart Wilars

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

Approved by

Savitree N.

Savitree Noisangiam
Manager

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Analysis / Test Report

Client : Bridgestone Metalpha (Thailand) Co., Ltd.
29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol
Pluakdaeng, Amphur Pluakdaeng, Rayong Thailand 21140
P/O : 4700062868
Project Name : EIA Monitoring
Project Location :

Lot ID: 2586137

Date Received : Oct 07, 2025
Date Reported : Oct 16, 2025
Report Number : 3405148-1

Page 5 of 7

Sample Number 2586137-5
Sampled Date Oct 07, 2025
Sample Description Air Quality
Location DDA (Line 2-3)
Date Analysis Commenced Oct 08, 2025
Condition of Sample Drawn into one sorbent tube, refrigerated
Barometric Pressure 751 mmHg
Atmospheric Temperature 35.3 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Hydrogen chloride	01:50 PM - 03:50 PM	ppm	-	0.05	<0.05	5(C)	Based on OSHA, ID-174-SG	MOL	Bangkok

Guideline :

MOL : Announcement of the Department of Labour Protection and Welfare on Threshold Limit Values of Hazardous Chemical Substances Dated August 3, B.E. 2560 (2017)

Sampled By : Apichart Wilars

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

Approved by

Savitree N.

Savitree Noisangiam
Manager

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Analysis / Test Report

Client : Bridgestone Metalpha (Thailand) Co., Ltd.
29/1 Moo 4, Eastern Seaboard Industrial Estate (Rayong) (Rayong), Tambol
Pluakdaeng, Amphur Pluakdaeng, Rayong Thailand 21140
P/O : 4700062868
Project Name : EIA Monitoring
Project Location :

Lot ID: 2586137

Date Received : Oct 07, 2025
Date Reported : Oct 16, 2025
Report Number : 3405148-1

Page 4 of 7

Sample Number 2586137-4
Sampled Date Oct 07, 2025
Sample Description Air Quality
Location บริเวณกระบวนการให้ความร้อนและชุบลดด้วยทองเหลือง (Line 1)
Date Analysis Commenced Oct 08, 2025
Condition of Sample Drawn into one filter paper placed in plastic cassette
Barometric Pressure 751 mmHg
Atmospheric Temperature 35.9 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Metals Testing									
Copper	02:00 PM - 04:00 PM	mg/m3	-	0.001	0.004	1	NIOSH (2003), 7301	ACGIH	Bangkok
Iron	02:00 PM - 04:00 PM	mg/m3	-	0.002	0.007	No Standard	NIOSH (2003), 7301	-	Bangkok
Zinc (Inhalable dust)	02:00 PM - 04:00 PM	mg/m3	-	0.001	0.02	No Standard	NIOSH (2003), 7301	-	Bangkok

Guideline :

ACGIH : The American Conference of Governmental Industrial Hygiene, The 6th edition of the Documentation of the Threshold Limit Values and Biological Exposure Indices (2025).

Sampled By : Apichart Wilars

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

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Savitree Noisangiam
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