

ภาคผนวก ค

รายงานผลการตรวจวัดคุณภาพสิ่งแวดล้อม



TEST REPORT

Analysis No. : R23-0425
Received Date : 13-20/02/23
Customer : Technical Division of Thai Environmental Technic Limited
For บริษัท ไทยเมทิลโพรเซสซิ่ง จำกัด/TMP
โครงการผลิตขวดทองแดงส่วนขยายครั้งที่ 1
Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม อำเภอบางปะกง
จังหวัดฉะเชิงเทรา
Contact : Tel. (038) 573 231-5

Report Date : 08/03/23
Analysis Date : 13/02-01/03/23
Job No. : S660063/Feb/1
Sampling By : TET
Type of Sample : Ambient Air

Sampling Point	Sample No.	Sampling Date	Result		
			TSP (mg/m ³)	PM-10 (mg/m ³)	Cu (µg/m ³)
โรงเรียนคลองพานทอง (47P 0717248 UTM 1490487)	2302-AA0461	10-11/02/23	0.040	0.015	0.015
	2302-AA0465	11-12/02/23	0.031	0.014	0.009
	2302-AA0536	12-13/02/23	0.052	0.029	0.012
	2302-AA0565	13-14/02/23	0.064	0.030	0.024
	2302-AA0595	14-15/02/23	0.053	0.024	0.028
	2302-AA0625	15-16/02/23	0.050	0.023	0.032
	2302-AA0719	16-17/02/23	0.066	0.026	0.018 *
วัดศรีประจักษ์ (47P 0718391 UTM 1488734)	2302-AA0462	10-11/02/23	0.075	0.035	0.011
	2302-AA0466	11-12/02/23	0.060	0.030	0.013
	2302-AA0537	12-13/02/23	0.080	0.038	0.051
	2302-AA0566	13-14/02/23	0.094	0.045	0.003
	2302-AA0596	14-15/02/23	0.069	0.037	0.010
	2302-AA0626	15-16/02/23	0.056	0.036	0.037
	2302-AA0720	16-17/02/23	0.057	0.031	0.022 *
Standard ⁽¹⁾			0.33	0.12	50 ⁽²⁾

Analysis Date : TSP, PM-10 (2302-AA0461, 2302-AA0462, 2302-AA0465, 2302-AA0466)/13-15/02/23, (2302-AA0536, 2302-AA0537)/14-16/02/23
(2302-AA0565, 2302-AA0566)/15-17/02/23, (2302-AA0595, 2302-AA0596)/16-20/02/23, (2302-AA0625, 2302-AA0626)/17-21/02/23
(2302-AA0719, 2302-AA0720)/20-22/02/23

Cu (2302-AA0461, 2302-AA0462, 2302-AA0465, 2302-AA0466, 2302-AA0536, 2302-AA0537, 2302-AA0565, 2302-AA0566)/17/02/23
(2302-AA0595, 2302-AA0596, 2302-AA0625, 2302-AA0626)/23/02/23, (2302-AA0719, 2302-AA0720)/01/03/23

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

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

Cu = Volumetric/AAS (US.EPA Method IO-3.1, 3.2)

* Cu = Volumetric/ICP (US.EPA Method IO-3.1, 3.4)

Standard (1) Notification of the National Environment Board No. 10 (1995) (B.E. 2538) and No. 34 (2004) (B.E. 2547)

(2) Ontario's Ambient Air Quality Criteria (AAQCs) (2012)

Reviewed by

Ms. Wareerut Prachumdaeng

Chief of Laboratory

08.03.23



Approved by

Mrs. Pornpip Pethshee

Laboratory Manager

08.03.23

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TEST REPORT

Analysis No. : R23-0425
Received Date : 13-20/02/23
Customer : Technical Division of Thai Environmental Technic Limited
For บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP
โครงการผลิตขวดทองแดงส่วนขยายครั้งที่ 1
Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม อำเภอบางปะกง
จังหวัดฉะเชิงเทรา
Contact : Tel. (038) 573 231-5

Report Date : 08/03/23
Analysis Date : 13/02-01/03/23
Job No. : S660063/Feb/1
Sampling By : TET
Type of Sample : Ambient Air

Sampling Point	Sample No.	Sampling Date	Result		
			TSP (mg/m ³)	PM-10 (mg/m ³)	Cu (µg/m ³)
รพ.ศด.ท่าข้าม (47P 0715874 UTM 1491061)	2302-AA0463	10-11/02/23	0.033	0.019	0.015
	2302-AA0467	11-12/02/23	0.042	0.018	0.023
	2302-AA0538	12-13/02/23	0.062	0.027	0.023
	2302-AA0567	13-14/02/23	0.086	0.033	0.057
	2302-AA0597	14-15/02/23	0.053	0.030	0.035
	2302-AA0627	15-16/02/23	0.052	0.024	0.046
	2302-AA0721	16-17/02/23	0.073	0.032	0.026 *
วัดบุญญราศรี (47P 0715866 UTM 1487219)	2302-AA0464	10-11/02/23	0.042	0.018	0.022
	2302-AA0468	11-12/02/23	0.028	0.013	0.020
	2302-AA0539	12-13/02/23	0.051	0.019	0.031
	2302-AA0568	13-14/02/23	0.081	0.028	0.055
	2302-AA0598	14-15/02/23	0.065	0.023	0.032
	2302-AA0628	15-16/02/23	0.058	0.022	0.075
	2302-AA0722	16-17/02/23	0.074	0.028	0.028 *
Standard ⁽¹⁾			0.33	0.12	50 ⁽²⁾

Analysis Date : TSP, PM-10 (2302-AA0463, 2302-AA0464, 2302-AA0467, 2302-AA0468)/13-15/02/23, (2302-AA0538, 2302-AA0539)/14-16/02/23
(2302-AA0567, 2302-AA0568)/15-17/02/23, (2302-AA0597, 2302-AA0598)/16-20/02/23, (2302-AA0627, 2302-AA0628)/17-21/02/23
(2302-AA0721, 2302-AA0722)/20-22/02/23
Cu (2302-AA0463, 2302-AA0464, 2302-AA0467, 2302-AA0468, 2302-AA0538, 2302-AA0539, 2302-AA0567, 2302-AA0568)/17/02/23
(2302-AA0597, 2302-AA0598, 2302-AA0627, 2302-AA0628)/23/02/23, (2302-AA0721, 2302-AA0722)/01/03/23

Method : TSP = Gravimetric Method (US.EPA 40 CFR Part 50 Appendix B)
PM-10 = Gravimetric Method (US.EPA 40 CFR Part 50 Appendix J)
Cu = Volumetric/AAS (US.EPA Method IO-3.1, 3.2)
* Cu = Volumetric/ICP (US.EPA Method IO-3.1, 3.4)

Standard (1) Notification of the National Environment Board No. 10 (1995) (B.E. 2538) and No. 24 (2004) (B.E. 2547)
(2) Ontario's Ambient Air Quality Criteria (AAQCs) (2012)

Reviewed by

Ms. Wareerut Prachumdaeng
Chief of Laboratory

08/03/23



Approved by

Mrs. Pornpip Pethshee
Laboratory Manager

08/03/23

END OF REPORT

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

Customer Name : บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP

Report No. : 0425/2023/1-23

Project : โครงการผลิตลวดทองแดงส่วนขยาย ครั้งที่ 1

Report Date : February 24, 2023

Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม

Sampling Date : February 10-17, 2023

อำเภอบางปะกง จังหวัดฉะเชิงเทรา

Type of Sample : Ambient Air

Contact : Tel. (038) 573 231-5

Job No. : S660063/Feb/1

Item	Time	Result						
		โรงเรียนคลองพานทอง						
		NO ₂ (ppm)						
		10-11/02/23	11-12/02/23	12-13/02/23	13-14/02/23	14-15/02/23	15-16/02/23	16-17/02/23
1.	10:00-11:00	0.0031	0.0026	0.0038	0.0027	0.0034	0.0033	0.0036
2.	11:00-12:00	0.0044	0.0037	0.0032	0.0034	0.0042	0.0042	0.0034
3.	12:00-13:00	0.0043	0.0025	0.0029	0.0026	0.0033	0.0043	0.0045
4.	13:00-14:00	0.0037	0.0024	0.0031	0.0039	0.0042	0.0026	0.0042
5.	14:00-15:00	0.0037	0.0049	0.0040	0.0041	0.0036	0.0024	0.0039
6.	15:00-16:00	0.0048	0.0052	0.0034	0.0051	0.0031	0.0021	0.0029
7.	16:00-17:00	0.0031	0.0034	0.0029	0.0024	0.0025	0.0022	0.0026
8.	17:00-18:00	0.0035	0.0034	0.0025	0.0026	0.0023	0.0026	0.0025
9.	18:00-19:00	0.0037	0.0031	0.0024	0.0023	0.0023	0.0026	0.0025
10.	19:00-20:00	0.0035	0.0032	0.0025	0.0024	0.0023	0.0028	0.0024
11.	20:00-21:00	0.0035	0.0032	0.0025	0.0024	0.0023	0.0026	0.0024
12.	21:00-22:00	0.0037	0.0035	0.0024	0.0024	0.0024	0.0026	0.0028
13.	22:00-23:00	0.0039	0.0035	0.0028	0.0024	0.0023	0.0028	0.0026
14.	23:00-00:00	0.0040	0.0032	0.0024	0.0027	0.0024	0.0028	0.0023
15.	00:00-01:00	0.0035	0.0030	0.0024	0.0029	0.0023	0.0028	0.0024
16.	01:00-02:00	0.0036	0.0030	0.0026	0.0031	0.0022	0.0027	0.0024
17.	02:00-03:00	0.0033	0.0031	0.0025	0.0030	0.0023	0.0028	0.0022
18.	03:00-04:00	0.0032	0.0028	0.0025	0.0028	0.0025	0.0030	0.0021
19.	04:00-05:00	0.0029	0.0031	0.0028	0.0028	0.0025	0.0040	0.0027
20.	05:00-06:00	0.0033	0.0042	0.0033	0.0033	0.0026	0.0044	0.0033
21.	06:00-07:00	0.0040	0.0026	0.0033	0.0036	0.0032	0.0035	0.0019
22.	07:00-08:00	0.0035	0.0028	0.0058	0.0031	0.0034	0.0027	0.0020
23.	08:00-09:00	0.0027	0.0027	0.0050	0.0057	0.0037	0.0033	0.0021
24.	09:00-10:00	0.0027	0.0025	0.0053	0.0047	0.0043	0.0042	0.0022
Minimum		0.0027	0.0024	0.0024	0.0023	0.0022	0.0021	0.0019
Maximum		0.0048	0.0052	0.0058	0.0057	0.0043	0.0044	0.0045
Average		0.0036	0.0032	0.0032	0.0032	0.0029	0.0031	0.0027
Standard ⁽¹⁾		0.17						

Standard : ⁽¹⁾ Notification of the National Environment Board No. 33 (2009) (B.E. 2552)

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager



TEST REPORT

Customer Name : บริษัท ไทยเมทัลโปรดิวส์ จำกัด/TMP

Report No. : 0425/2023/2-23

Project : โครงการผลิตลวดทองแดงส่วนขยาย ครั้งที่ 1

Report Date : February 24, 2023

Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม

Sampling Date : February 10-17, 2023

อำเภอบางปะกง จังหวัดฉะเชิงเทรา

Type of Sample : Ambient Air

Contact : Tel. (038) 573 231-5

Job No. : S660063/Feb/1

Item	Time	Result						
		วัดศรีประจักษ์						
		NO ₂ (ppm)						
		10-11/02/23	11-12/02/23	12-13/02/23	13-14/02/23	14-15/02/23	15-16/02/23	16-17/02/23
1.	11:00-12:00	0.0049	0.0063	0.0040	0.0049	0.0054	0.0046	0.0046
2.	12:00-13:00	0.0053	0.0057	0.0043	0.0046	0.0048	0.0053	0.0046
3.	13:00-14:00	0.0072	0.0054	0.0042	0.0042	0.0045	0.0050	0.0049
4.	14:00-15:00	0.0058	0.0048	0.0041	0.0051	0.0038	0.0042	0.0037
5.	15:00-16:00	0.0049	0.0049	0.0043	0.0049	0.0055	0.0055	0.0034
6.	16:00-17:00	0.0024	0.0039	0.0041	0.0045	0.0056	0.0042	0.0060
7.	17:00-18:00	0.0037	0.0047	0.0039	0.0050	0.0077	0.0041	0.0063
8.	18:00-19:00	0.0038	0.0055	0.0049	0.0040	0.0064	0.0036	0.0039
9.	19:00-20:00	0.0043	0.0057	0.0042	0.0055	0.0059	0.0028	0.0037
10.	20:00-21:00	0.0050	0.0066	0.0044	0.0061	0.0042	0.0038	0.0062
11.	21:00-22:00	0.0041	0.0047	0.0048	0.0029	0.0042	0.0036	0.0035
12.	22:00-23:00	0.0030	0.0047	0.0029	0.0033	0.0049	0.0042	0.0035
13.	23:00-00:00	0.0039	0.0028	0.0035	0.0036	0.0038	0.0026	0.0036
14.	00:00-01:00	0.0038	0.0034	0.0033	0.0040	0.0025	0.0045	0.0030
15.	01:00-02:00	0.0038	0.0027	0.0042	0.0027	0.0028	0.0043	0.0036
16.	02:00-03:00	0.0052	0.0027	0.0052	0.0053	0.0039	0.0050	0.0039
17.	03:00-04:00	0.0051	0.0038	0.0027	0.0042	0.0036	0.0052	0.0031
18.	04:00-05:00	0.0057	0.0043	0.0038	0.0051	0.0037	0.0025	0.0031
19.	05:00-06:00	0.0066	0.0066	0.0036	0.0050	0.0034	0.0065	0.0034
20.	06:00-07:00	0.0086	0.0045	0.0027	0.0050	0.0055	0.0060	0.0039
21.	07:00-08:00	0.0044	0.0042	0.0035	0.0061	0.0046	0.0051	0.0053
22.	08:00-09:00	0.0047	0.0058	0.0059	0.0076	0.0054	0.0045	0.0061
23.	09:00-10:00	0.0054	0.0061	0.0034	0.0068	0.0066	0.0051	0.0046
24.	10:00-11:00	0.0051	0.0047	0.0029	0.0064	0.0059	0.0054	0.0041
Minimum		0.0024	0.0027	0.0027	0.0027	0.0025	0.0025	0.0030
Maximum		0.0086	0.0066	0.0059	0.0076	0.0077	0.0065	0.0063
Average		0.0049	0.0048	0.0040	0.0049	0.0048	0.0045	0.0042
Standard ⁽¹⁾		0.17						

Standard : ⁽¹⁾ Notification of the National Environment Board No. 33 (2009) (B.E. 2552)

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager

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TEST REPORT

Customer Name : บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP

Report No. : 0425/2023/3-23

Project : โครงการผลิตลาวทองแดงส่วนขยาย ครั้งที่ 1

Report Date : February 24, 2023

Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม

Sampling Date : February 10-17, 2023

อำเภอบางปะกง จังหวัดฉะเชิงเทรา

Type of Sample : Ambient Air

Contact : Tel. (038) 573 231-5

Job No. : S660063/Feb/1

Item	Time	Result						
		รพ.สต.ท่าข้าม						
		NO ₂ (ppm)						
		10-11/02/23	11-12/02/23	12-13/02/23	13-14/02/23	14-15/02/23	15-16/02/23	16-17/02/23
1.	13:00-14:00	0.0041	0.0043	0.0019	0.0031	0.0027	0.0038	0.0035
2.	14:00-15:00	0.0047	0.0038	0.0026	0.0041	0.0027	0.0042	0.0038
3.	15:00-16:00	0.0038	0.0037	0.0015	0.0035	0.0021	0.0025	0.0057
4.	16:00-17:00	0.0025	0.0035	0.0040	0.0046	0.0021	0.0020	0.0089
5.	17:00-18:00	0.0027	0.0043	0.0037	0.0022	0.0028	0.0029	0.0032
6.	18:00-19:00	0.0040	0.0053	0.0033	0.0051	0.0028	0.0025	0.0037
7.	19:00-20:00	0.0048	0.0045	0.0053	0.0040	0.0031	0.0037	0.0033
8.	20:00-21:00	0.0050	0.0021	0.0062	0.0027	0.0018	0.0044	0.0051
9.	21:00-22:00	0.0065	0.0049	0.0051	0.0033	0.0028	0.0031	0.0030
10.	22:00-23:00	0.0039	0.0034	0.0040	0.0042	0.0022	0.0047	0.0035
11.	23:00-00:00	0.0034	0.0030	0.0038	0.0033	0.0023	0.0027	0.0038
12.	00:00-01:00	0.0032	0.0028	0.0040	0.0025	0.0043	0.0047	0.0042
13.	01:00-02:00	0.0039	0.0028	0.0033	0.0032	0.0022	0.0045	0.0040
14.	02:00-03:00	0.0037	0.0034	0.0020	0.0036	0.0035	0.0024	0.0037
15.	03:00-04:00	0.0012	0.0017	0.0022	0.0042	0.0049	0.0043	0.0021
16.	04:00-05:00	0.0021	0.0030	0.0029	0.0049	0.0048	0.0027	0.0037
17.	05:00-06:00	0.0027	0.0029	0.0034	0.0035	0.0028	0.0053	0.0021
18.	06:00-07:00	0.0037	0.0019	0.0038	0.0047	0.0028	0.0055	0.0033
19.	07:00-08:00	0.0057	0.0054	0.0046	0.0044	0.0032	0.0057	0.0024
20.	08:00-09:00	0.0024	0.0037	0.0025	0.0041	0.0025	0.0042	0.0016
21.	09:00-10:00	0.0040	0.0023	0.0022	0.0022	0.0022	0.0077	0.0030
22.	10:00-11:00	0.0023	0.0030	0.0039	0.0034	0.0034	0.0031	0.0023
23.	11:00-12:00	0.0013	0.0016	0.0037	0.0031	0.0030	0.0037	0.0037
24.	12:00-13:00	0.0039	0.0022	0.0036	0.0021	0.0021	0.0034	0.0044
Minimum		0.0012	0.0016	0.0015	0.0021	0.0018	0.0020	0.0016
Maximum		0.0065	0.0054	0.0062	0.0051	0.0049	0.0077	0.0089
Average		0.0036	0.0033	0.0035	0.0036	0.0029	0.0039	0.0037
Standard ⁽¹⁾		0.17						

Standard : ⁽¹⁾ Notification of the National Environment Board No. 33 (2009) (B.E. 2552)

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager

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TEST REPORT

Customer Name : บริษัท ไทยเมทัลโปรดเซสซิ่ง จำกัด/TMP

Report No. : 0425/2023/4-23

Project : โครงการผลิตหลอดทองแดงส่วนขยาย ครั้งที่ 1

Report Date : February 24, 2023

Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม

Sampling Date : February 10-17, 2023

อำเภอบางปะกง จังหวัดฉะเชิงเทรา

Type of Sample : Ambient Air

Contact : Tel. (038) 573 231-5

Job No. : S660063/Feb/1

Item	Time	Result						
		วัดบรรยากาศ						
		NO ₂ (ppm)						
		10-11/02/23	11-12/02/23	12-13/02/23	13-14/02/23	14-15/02/23	15-16/02/23	16-17/02/23
1.	12:00-13:00	0.0037	0.0032	0.0044	0.0033	0.0040	0.0039	0.0042
2.	13:00-14:00	0.0050	0.0043	0.0038	0.0040	0.0048	0.0048	0.0040
3.	14:00-15:00	0.0049	0.0031	0.0035	0.0031	0.0039	0.0048	0.0051
4.	15:00-16:00	0.0043	0.0030	0.0037	0.0045	0.0048	0.0032	0.0048
5.	16:00-17:00	0.0043	0.0055	0.0046	0.0047	0.0042	0.0030	0.0044
6.	17:00-18:00	0.0054	0.0058	0.0040	0.0057	0.0037	0.0027	0.0035
7.	18:00-19:00	0.0037	0.0039	0.0035	0.0030	0.0031	0.0028	0.0032
8.	19:00-20:00	0.0041	0.0040	0.0031	0.0031	0.0029	0.0032	0.0031
9.	20:00-21:00	0.0043	0.0037	0.0030	0.0029	0.0029	0.0032	0.0031
10.	21:00-22:00	0.0041	0.0037	0.0031	0.0030	0.0029	0.0034	0.0030
11.	22:00-23:00	0.0041	0.0037	0.0031	0.0030	0.0029	0.0032	0.0030
12.	23:00-00:00	0.0043	0.0041	0.0030	0.0029	0.0030	0.0032	0.0034
13.	00:00-01:00	0.0045	0.0041	0.0034	0.0030	0.0029	0.0034	0.0032
14.	01:00-02:00	0.0046	0.0038	0.0030	0.0033	0.0029	0.0033	0.0029
15.	02:00-03:00	0.0041	0.0036	0.0030	0.0034	0.0029	0.0033	0.0030
16.	03:00-04:00	0.0042	0.0036	0.0032	0.0037	0.0028	0.0032	0.0030
17.	04:00-05:00	0.0039	0.0037	0.0030	0.0036	0.0028	0.0034	0.0028
18.	05:00-06:00	0.0037	0.0034	0.0031	0.0034	0.0031	0.0036	0.0027
19.	06:00-07:00	0.0035	0.0036	0.0034	0.0034	0.0031	0.0046	0.0033
20.	07:00-08:00	0.0039	0.0048	0.0039	0.0039	0.0031	0.0050	0.0039
21.	08:00-09:00	0.0045	0.0022	0.0038	0.0042	0.0038	0.0041	0.0025
22.	09:00-10:00	0.0041	0.0034	0.0064	0.0037	0.0040	0.0033	0.0026
23.	10:00-11:00	0.0033	0.0033	0.0056	0.0063	0.0043	0.0039	0.0026
24.	11:00-12:00	0.0033	0.0031	0.0059	0.0053	0.0049	0.0048	0.0028
Minimum		0.0033	0.0022	0.0030	0.0029	0.0028	0.0027	0.0025
Maximum		0.0054	0.0058	0.0064	0.0063	0.0049	0.0050	0.0051
Average		0.0042	0.0038	0.0038	0.0038	0.0035	0.0036	0.0033
Standard ⁽¹⁾		0.17						

Standard : ⁽¹⁾ Notification of the National Environment Board No. 33 (2009) (B.E. 2552)

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager

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Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

ORIGINAL

ต้นฉบับ

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

E-mail : admin@tet1995.com

1/6 ซอยรามคำแหง 145 แขวงสะพานสูง เขตสะพานสูง กรุงเทพมหานคร 10240

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

TEST REPORT

Customer Name : บริษัท ไทยเมทัลโปรดิวส์ จำกัด/TMP

Report No. : 0425/2023/5-23

Project : โครงการผลิตลวดทองแดงส่วนขยาย ครั้งที่ 1

Report Date : February 24, 2023

Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม

Sampling Date : February 10-17, 2023

อำเภอบางปะกง จังหวัดฉะเชิงเทรา

Type of Sample : Ambient Air

Contact : Tel. (038) 573 231-5

Job No. : S660063/Feb/1

Item	Time	Result						
		โรงเรียนคลองพานทอง						
		SO ₂ (ppm)						
		10-11/02/23	11-12/02/23	12-13/02/23	13-14/02/23	14-15/02/23	15-16/02/23	16-17/02/23
1.	10:00-11:00	0.0038	0.0035	0.0034	0.0035	0.0046	0.0040	0.0043
2.	11:00-12:00	0.0040	0.0035	0.0037	0.0035	0.0045	0.0038	0.0040
3.	12:00-13:00	0.0039	0.0036	0.0037	0.0036	0.0042	0.0043	0.0041
4.	13:00-14:00	0.0037	0.0034	0.0035	0.0036	0.0038	0.0044	0.0039
5.	14:00-15:00	0.0040	0.0036	0.0038	0.0036	0.0038	0.0035	0.0038
6.	15:00-16:00	0.0039	0.0035	0.0037	0.0034	0.0039	0.0038	0.0041
7.	16:00-17:00	0.0037	0.0035	0.0035	0.0034	0.0037	0.0034	0.0042
8.	17:00-18:00	0.0034	0.0039	0.0035	0.0035	0.0035	0.0034	0.0046
9.	18:00-19:00	0.0037	0.0035	0.0037	0.0039	0.0041	0.0041	0.0040
10.	19:00-20:00	0.0034	0.0038	0.0041	0.0037	0.0038	0.0036	0.0041
11.	20:00-21:00	0.0036	0.0034	0.0036	0.0035	0.0034	0.0034	0.0039
12.	21:00-22:00	0.0036	0.0035	0.0035	0.0035	0.0045	0.0034	0.0043
13.	22:00-23:00	0.0035	0.0034	0.0035	0.0038	0.0035	0.0036	0.0043
14.	23:00-00:00	0.0036	0.0035	0.0036	0.0036	0.0034	0.0034	0.0041
15.	00:00-01:00	0.0036	0.0034	0.0036	0.0036	0.0036	0.0036	0.0038
16.	01:00-02:00	0.0035	0.0037	0.0034	0.0036	0.0036	0.0039	0.0041
17.	02:00-03:00	0.0034	0.0035	0.0036	0.0035	0.0035	0.0040	0.0042
18.	03:00-04:00	0.0035	0.0036	0.0035	0.0034	0.0039	0.0039	0.0044
19.	04:00-05:00	0.0037	0.0038	0.0035	0.0035	0.0041	0.0042	0.0045
20.	05:00-06:00	0.0035	0.0035	0.0035	0.0036	0.0041	0.0046	0.0043
21.	06:00-07:00	0.0034	0.0034	0.0035	0.0035	0.0041	0.0041	0.0046
22.	07:00-08:00	0.0035	0.0038	0.0035	0.0035	0.0040	0.0039	0.0045
23.	08:00-09:00	0.0035	0.0035	0.0034	0.0037	0.0044	0.0047	0.0051
24.	09:00-10:00	0.0036	0.0035	0.0038	0.0040	0.0040	0.0042	0.0042
Minimum		0.0034	0.0034	0.0034	0.0034	0.0034	0.0034	0.0038
Maximum		0.0040	0.0039	0.0041	0.0040	0.0046	0.0047	0.0051
Average		0.0036	0.0036	0.0036	0.0036	0.0039	0.0039	0.0042
Standard ⁽¹⁾		0.30						

Standard : ⁽¹⁾ Notification of the National Environment Board No. 12 (1995) (B.E. 2538) and No. 21 (2001) (B.E. 2544)

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager

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บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

ORIGINAL

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1/6 ซอยรามคำแหง 145 แขวงสะพานสูง เขตสะพานสูง กรุงเทพมหานคร 10240

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

TEST REPORT

Customer Name : บริษัท ไทยเมทัลโปรดเซส จำกัด/TMP

Report No. : 0425/2023/6-23

Project : โครงการผลิตลวดทองแดงส่วนขยาย ครั้งที่ 1

Report Date : February 24, 2023

Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม

Sampling Date : February 10-17, 2023

อำเภอบางปะกง จังหวัดฉะเชิงเทรา

Type of Sample : Ambient Air

Contact : Tel. (038) 573 231-5

Job No. : S660063/Feb/1

Item	Time	Result						
		วัดศรีประจักษ์						
		SO ₂ (ppm)						
		10-11/02/23	11-12/02/23	12-13/02/23	13-14/02/23	14-15/02/23	15-16/02/23	16-17/02/23
1.	11:00-12:00	0.0036	0.0039	0.0032	0.0032	0.0022	0.0024	0.0036
2.	12:00-13:00	0.0038	0.0025	0.0025	0.0025	0.0017	0.0022	0.0035
3.	13:00-14:00	0.0037	0.0022	0.0022	0.0022	0.0023	0.0023	0.0036
4.	14:00-15:00	0.0035	0.0022	0.0024	0.0024	0.0023	0.0023	0.0033
5.	15:00-16:00	0.0034	0.0022	0.0022	0.0022	0.0026	0.0023	0.0037
6.	16:00-17:00	0.0035	0.0024	0.0023	0.0023	0.0022	0.0024	0.0037
7.	17:00-18:00	0.0036	0.0022	0.0023	0.0026	0.0024	0.0022	0.0034
8.	18:00-19:00	0.0035	0.0023	0.0020	0.0021	0.0025	0.0023	0.0038
9.	19:00-20:00	0.0037	0.0019	0.0024	0.0028	0.0026	0.0024	0.0036
10.	20:00-21:00	0.0037	0.0024	0.0022	0.0021	0.0024	0.0025	0.0041
11.	21:00-22:00	0.0018	0.0022	0.0021	0.0023	0.0022	0.0025	0.0045
12.	22:00-23:00	0.0020	0.0021	0.0018	0.0024	0.0017	0.0027	0.0038
13.	23:00-00:00	0.0038	0.0021	0.0022	0.0022	0.0020	0.0029	0.0035
14.	00:00-01:00	0.0019	0.0028	0.0023	0.0020	0.0022	0.0033	0.0033
15.	01:00-02:00	0.0018	0.0019	0.0023	0.0026	0.0016	0.0035	0.0022
16.	02:00-03:00	0.0021	0.0023	0.0026	0.0027	0.0022	0.0033	0.0020
17.	03:00-04:00	0.0023	0.0030	0.0023	0.0029	0.0021	0.0032	0.0018
18.	04:00-05:00	0.0022	0.0026	0.0024	0.0013	0.0020	0.0032	0.0021
19.	05:00-06:00	0.0025	0.0024	0.0027	0.0026	0.0020	0.0037	0.0023
20.	06:00-07:00	0.0026	0.0027	0.0027	0.0019	0.0019	0.0035	0.0029
21.	07:00-08:00	0.0026	0.0029	0.0030	0.0018	0.0023	0.0033	0.0039
22.	08:00-09:00	0.0028	0.0032	0.0029	0.0018	0.0024	0.0034	0.0027
23.	09:00-10:00	0.0032	0.0038	0.0037	0.0023	0.0025	0.0038	0.0024
24.	10:00-11:00	0.0045	0.0039	0.0038	0.0026	0.0025	0.0037	0.0019
Minimum		0.0018	0.0019	0.0018	0.0013	0.0016	0.0022	0.0018
Maximum		0.0045	0.0039	0.0038	0.0032	0.0026	0.0038	0.0045
Average		0.0030	0.0026	0.0025	0.0023	0.0022	0.0029	0.0032
Standard ⁽¹⁾		0.30						

Standard : ⁽¹⁾ Notification of the National Environment Board No. 12 (1995) (B.E. 2538) and No. 21 (2001) (B.E. 2544)

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager

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TEST REPORT

Customer Name : บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP

Report No. : 0425/2023/7-23

Project : โครงการผลิตลวดทองแดงส่วนขยาย ครั้งที่ 1

Report Date : February 24, 2023

Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม

Sampling Date : February 10-17, 2023

อำเภอบางปะกง จังหวัดฉะเชิงเทรา

Type of Sample : Ambient Air

Contact : Tel. (038) 573 231-5

Job No. : S660063/Feb/1

Item	Time	Result						
		รพ.สต.ท่าข้าม						
		SO ₂ (ppm)						
		10-11/02/23	11-12/02/23	12-13/02/23	13-14/02/23	14-15/02/23	15-16/02/23	16-17/02/23
1.	13:00-14:00	0.0035	0.0049	0.0052	0.0042	0.0062	0.0051	0.0051
2.	14:00-15:00	0.0037	0.0043	0.0051	0.0042	0.0061	0.0053	0.0055
3.	15:00-16:00	0.0039	0.0055	0.0072	0.0042	0.0056	0.0053	0.0059
4.	16:00-17:00	0.0037	0.0057	0.0072	0.0046	0.0069	0.0049	0.0058
5.	17:00-18:00	0.0039	0.0054	0.0077	0.0044	0.0056	0.0052	0.0066
6.	18:00-19:00	0.0035	0.0060	0.0076	0.0044	0.0054	0.0051	0.0056
7.	19:00-20:00	0.0043	0.0059	0.0078	0.0045	0.0057	0.0054	0.0052
8.	20:00-21:00	0.0050	0.0063	0.0069	0.0041	0.0056	0.0050	0.0050
9.	21:00-22:00	0.0053	0.0059	0.0066	0.0049	0.0064	0.0048	0.0052
10.	22:00-23:00	0.0054	0.0057	0.0064	0.0053	0.0057	0.0052	0.0054
11.	23:00-00:00	0.0051	0.0059	0.0060	0.0051	0.0044	0.0054	0.0053
12.	00:00-01:00	0.0047	0.0059	0.0046	0.0059	0.0045	0.0055	0.0052
13.	01:00-02:00	0.0048	0.0052	0.0046	0.0053	0.0047	0.0049	0.0053
14.	02:00-03:00	0.0046	0.0053	0.0046	0.0046	0.0045	0.0054	0.0055
15.	03:00-04:00	0.0058	0.0053	0.0044	0.0048	0.0046	0.0064	0.0055
16.	04:00-05:00	0.0052	0.0056	0.0051	0.0048	0.0053	0.0061	0.0060
17.	05:00-06:00	0.0061	0.0051	0.0047	0.0049	0.0055	0.0055	0.0061
18.	06:00-07:00	0.0055	0.0055	0.0046	0.0051	0.0056	0.0059	0.0058
19.	07:00-08:00	0.0059	0.0069	0.0049	0.0047	0.0057	0.0060	0.0060
20.	08:00-09:00	0.0045	0.0075	0.0052	0.0049	0.0054	0.0058	0.0065
21.	09:00-10:00	0.0037	0.0078	0.0045	0.0045	0.0054	0.0057	0.0061
22.	10:00-11:00	0.0043	0.0075	0.0044	0.0043	0.0054	0.0057	0.0061
23.	11:00-12:00	0.0037	0.0066	0.0048	0.0056	0.0052	0.0055	0.0060
24.	12:00-13:00	0.0045	0.0060	0.0041	0.0059	0.0053	0.0055	0.0082
Minimum		0.0035	0.0043	0.0041	0.0041	0.0044	0.0048	0.0050
Maximum		0.0061	0.0078	0.0078	0.0059	0.0069	0.0064	0.0082
Average		0.0046	0.0059	0.0056	0.0048	0.0055	0.0054	0.0058
Standard ⁽¹⁾		0.30						

Standard : ⁽¹⁾ Notification of the National Environment Board No. 12 (1995) (B.E. 2538) and No. 21 (2001) (B.E. 2544)

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager

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Thai Environmental Technic Limited
บริษัท เทคโนโลยีสิ่งแวดล้อมไทย จำกัด

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E-mail : admin@tet1995.com

1/6 ซอยรามคำแหง 145 แขวงสะพานสูง เขตสะพานสูง กรุงเทพมหานคร 10240

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

TEST REPORT

Customer Name : บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP

Report No. : 0425/2023/8-23

Project : โครงการผลิตลวดทองแดงส่วนขยาย ครั้งที่ 1

Report Date : February 24, 2023

Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม

Sampling Date : February 10-17, 2023

อำเภอบางปะกง จังหวัดฉะเชิงเทรา

Type of Sample : Ambient Air

Contact : Tel. (038) 573 231-5

Job No. : S660063/Feb/1

Item	Time	Result						
		วัดบุญญราศรี						
		SO ₂ (ppm)						
		10-11/02/23	11-12/02/23	12-13/02/23	13-14/02/23	14-15/02/23	15-16/02/23	16-17/02/23
1.	12:00-13:00	0.0037	0.0037	0.0031	0.0028	0.0030	0.0024	0.0028
2.	13:00-14:00	0.0037	0.0023	0.0025	0.0028	0.0032	0.0024	0.0026
3.	14:00-15:00	0.0036	0.0016	0.0028	0.0028	0.0035	0.0024	0.0023
4.	15:00-16:00	0.0044	0.0031	0.0027	0.0028	0.0030	0.0026	0.0023
5.	16:00-17:00	0.0036	0.0034	0.0025	0.0025	0.0035	0.0024	0.0026
6.	17:00-18:00	0.0038	0.0033	0.0024	0.0026	0.0030	0.0024	0.0028
7.	18:00-19:00	0.0039	0.0037	0.0025	0.0026	0.0028	0.0025	0.0036
8.	19:00-20:00	0.0037	0.0041	0.0027	0.0026	0.0028	0.0025	0.0043
9.	20:00-21:00	0.0038	0.0044	0.0025	0.0025	0.0026	0.0025	0.0042
10.	21:00-22:00	0.0039	0.0039	0.0026	0.0031	0.0016	0.0024	0.0038
11.	22:00-23:00	0.0037	0.0040	0.0027	0.0029	0.0007	0.0030	0.0029
12.	23:00-00:00	0.0037	0.0041	0.0030	0.0046	0.0024	0.0025	0.0027
13.	00:00-01:00	0.0035	0.0035	0.0030	0.0026	0.0024	0.0023	0.0025
14.	01:00-02:00	0.0035	0.0035	0.0031	0.0034	0.0027	0.0023	0.0025
15.	02:00-03:00	0.0039	0.0054	0.0035	0.0025	0.0032	0.0022	0.0029
16.	03:00-04:00	0.0043	0.0037	0.0029	0.0026	0.0029	0.0027	0.0027
17.	04:00-05:00	0.0040	0.0036	0.0029	0.0026	0.0026	0.0022	0.0028
18.	05:00-06:00	0.0030	0.0042	0.0025	0.0010	0.0028	0.0025	0.0026
19.	06:00-07:00	0.0035	0.0038	0.0027	0.0017	0.0030	0.0025	0.0027
20.	07:00-08:00	0.0037	0.0027	0.0028	0.0038	0.0027	0.0023	0.0023
21.	08:00-09:00	0.0044	0.0026	0.0024	0.0046	0.0028	0.0022	0.0026
22.	09:00-10:00	0.0046	0.0028	0.0025	0.0033	0.0029	0.0020	0.0029
23.	10:00-11:00	0.0039	0.0024	0.0027	0.0024	0.0026	0.0030	0.0025
24.	11:00-12:00	0.0025	0.0028	0.0029	0.0030	0.0025	0.0023	0.0047
Minimum		0.0025	0.0016	0.0024	0.0010	0.0007	0.0020	0.0023
Maximum		0.0046	0.0054	0.0035	0.0046	0.0035	0.0030	0.0047
Average		0.0038	0.0034	0.0027	0.0028	0.0027	0.0024	0.0029
Standard ⁽¹⁾		0.30						

Standard : ⁽¹⁾ Notification of the National Environment Board No. 12 (1995) (B.E. 2538) and No. 21 (2001) (B.E. 2544)

Wannasiri S.

Wannasiri Suriyawong



Somchai F.

Somchai Piyavorasakul
General Manager

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TEST REPORT

Customer Name : บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP

Report No. : 0425/2023/9-23

Project : โครงการผลิตลวดทองแดงส่วนขยาย ครั้งที่ 1

Report Date : February 24, 2023

Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม
อำเภอบางปะกง จังหวัดฉะเชิงเทรา

Sampling Date : February 10-17, 2023

Contact : Tel. (038) 573 231-5

Type of Sample : Ambient Air

Job No. : S660063/Feb/1

Item	Sampling Date	Result			
		SO ₂ ^(24 hr) (ppm)			
		โรงเรียนคลองพานทอง	วัดศรีประจักษ์ราม	รพ.สต.ท่าข้าม	วัดบุญญราศรี
1.	10-11/02/23	0.0036	0.0030	0.0046	0.0038
2.	11-12/02/23	0.0036	0.0026	0.0059	0.0034
3.	12-13/02/23	0.0036	0.0025	0.0056	0.0027
4.	13-14/02/23	0.0036	0.0023	0.0048	0.0028
5.	14-15/02/23	0.0039	0.0022	0.0055	0.0027
6.	15-16/02/23	0.0039	0.0029	0.0054	0.0024
7.	16-17/02/23	0.0042	0.0032	0.0058	0.0029
Standard ⁽¹⁾		0.12			

Standard : ⁽¹⁾ Notification of the National Environment Board No. 10 (1995) (B.E. 2538) and No. 24 (2004) (B.E. 2547)

Remark : Reference to Notification of Pollution Control Department on Other Measuring Instruments and Method for Ambient Gas or Particulates as Approved by Pollution Control Department (2019) (B.E. 2562)

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager

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



TEST REPORT

Customer Name : บริษัท ไทยเมทัลโปรดเซซิ่ง จำกัด/TMP

Report No. : 0425/2023/10-23

Project : โครงการผลิตลวดทองแดงส่วนขยาย ครั้งที่ 1

Report Date : February 24, 2023

Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม
อำเภอบางปะกง จังหวัดฉะเชิงเทรา

Sampling Date : February 10-17, 2023

Type of Sample : WS & WD

Contact : Tel. (038) 573 231-5

Job No. : S660063/Feb/1

Item	Time	Result													
		โรงเรียนคลองพานทอง													
		10-11/02/23		11-12/02/23		12-13/02/23		13-14/02/23		14-15/02/23		15-16/02/23		16-17/02/23	
		WS	WD	WS	WD	WS	WD	WS	WD	WS	WD	WS	WD	WS	WD
1.	10:00	0.9	WNW	1.3	NNW	0.9	W	0.9	ENE	0.0	NW	0.0	E	2.2	NNE
2.	11:00	1.3	NNW	1.3	NNW	1.3	W	0.4	E	0.4	ESE	0.0	E	2.2	NNW
3.	12:00	2.2	NNW	2.2	NNW	2.2	NNW	0.0	ESE	1.8	NNE	1.3	NW	1.8	NNW
4.	13:00	1.8	NNW	2.2	NNW	2.2	NNW	0.0	W	1.3	NNE	0.9	NNW	1.8	NNW
5.	14:00	1.8	NNW	1.8	NNW	1.8	NNW	0.0	W	1.8	NNW	1.8	NNW	1.3	NNW
6.	15:00	1.3	NNW	1.8	NNW	1.3	NNW	0.4	ESE	2.7	NNW	1.8	NNW	0.9	NNW
7.	16:00	0.9	NW	1.3	NNW	1.8	NNW	0.4	ESE	2.7	NNW	0.4	NNW	0.4	NNW
8.	17:00	0.9	NNW	0.9	NNW	0.0	SSE	1.8	N	1.8	NNW	0.0	NNE	0.4	NW
9.	18:00	0.9	W	0.4	W	0.4	W	2.2	N	0.9	NNW	0.0	NNW	0.4	E
10.	19:00	0.9	WNW	0.4	WNW	1.3	NNW	1.8	N	0.9	NNW	0.0	NNW	0.0	E
11.	20:00	0.4	W	0.4	WNW	2.2	NNW	1.8	NNE	0.4	NNW	0.0	NNW	0.4	ENE
12.	21:00	0.0	WNW	0.4	W	2.7	NNW	2.2	NNW	0.4	WSW	0.0	NNW	0.4	ENE
13.	22:00	0.0	N	0.0	N	2.2	NNW	3.1	NNW	0.0	E	0.0	NW	1.8	W
14.	23:00	0.4	WNW	0.4	N	1.3	W	2.7	NNW	0.0	E	0.4	NW	3.1	NW
15.	00:00	0.9	WNW	0.9	WNW	1.8	NNW	1.3	NNW	0.0	E	0.9	WSW	0.4	N
16.	01:00	0.4	W	0.9	W	0.9	NNW	0.9	NW	0.0	NNW	0.0	NNW	0.4	E
17.	02:00	0.4	W	0.4	W	0.4	NNW	0.4	NW	0.4	NNW	0.0	NW	0.4	E
18.	03:00	0.4	W	0.0	WNW	1.3	NNW	0.4	WSW	0.0	E	0.0	NNW	0.4	E
19.	04:00	0.0	W	0.0	WNW	1.8	NW	0.4	NNW	0.0	E	0.4	NW	0.4	ENE
20.	05:00	0.0	W	0.0	WNW	1.3	NNW	0.9	NW	0.9	SE	0.0	NNW	0.4	E
21.	06:00	0.0	ESE	0.0	SE	0.9	NNW	1.3	NNW	0.9	SE	0.4	NW	2.2	N
22.	07:00	0.0	ESE	0.0	SE	1.3	NNW	1.3	NW	0.0	SW	1.3	NW	0.9	SSE
23.	08:00	0.4	W	0.4	W	1.3	ENE	0.9	NNW	0.0	E	2.2	ESE	1.8	SSE
24.	09:00	0.4	W	0.4	W	0.9	ENE	0.0	NW	0.0	ESE	2.2	NNE	2.2	SSE
Average		0.7	-	0.7	-	1.4	-	1.1	-	0.7	-	0.6	-	1.1	-

Remark : 1. WS = WIND SPEED (m/s)
2. WD = WIND DIRECTION

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager

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Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

ORIGINAL

ต้นฉบับ

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

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

TEST REPORT

Customer Name : บริษัท ไทยเมทัลโปรดเซสซิ่ง จำกัด/TMP

Report No. : 0425/2023/11-23

Project : โครงการผลิตลวดทองแดงส่วนขยาย ครั้งที่ 1

Report Date : February 24, 2023

Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม
อำเภอบางปะกง จังหวัดฉะเชิงเทรา

Sampling Date : February 10-17, 2023

Type of Sample : WS & WD

Contact : Tel. (038) 573 231-5

Job No. : S660063/Feb/1

Item	Time	Result													
		วัดศรีประจักษ์													
		10-11/02/23		11-12/02/23		12-13/02/23		13-14/02/23		14-15/02/23		15-16/02/23		16-17/02/23	
		WS	WD	WS	WD	WS	WD	WS	WD	WS	WD	WS	WD	WS	WD
1.	11:00	1.3	NNW	0.0	ESE	0.9	NW	1.3	NNW	0.4	E	0.0	SE	2.2	SE
2.	12:00	1.8	N	0.4	NE	1.8	NW	2.2	NNE	0.9	NE	0.0	ESE	2.7	SE
3.	13:00	2.2	NNE	1.8	NE	2.2	N	2.2	NNW	1.3	NNE	0.0	E	1.8	SE
4.	14:00	2.7	NNW	1.8	NNW	2.2	N	2.7	N	1.8	NNE	0.9	NW	2.2	SE
5.	15:00	2.7	NNW	1.8	NNW	2.2	NNE	2.7	NNW	1.8	NNE	1.3	NNW	1.3	SE
6.	16:00	2.7	NNW	1.8	N	2.2	NNW	2.7	NNW	1.8	NNE	1.3	NNW	1.3	SE
7.	17:00	2.2	N	1.8	NW	2.7	NNW	1.8	NNW	1.8	NNW	1.8	NNW	1.3	SE
8.	18:00	2.2	NNW	1.8	NW	2.7	NNW	1.3	NNW	2.7	NNW	0.9	NNW	0.9	SE
9.	19:00	1.3	NNW	3.1	WNW	2.2	NNW	1.3	NNW	2.7	NNW	0.0	NE	0.0	ESE
10.	20:00	0.9	NNW	1.8	WNW	0.9	NW	0.4	NNW	1.3	NNW	0.4	NE	0.0	ESE
11.	21:00	0.9	NW	0.9	NW	0.9	NW	0.4	WNW	0.4	NNW	0.0	NE	0.0	ESE
12.	22:00	0.0	W	0.9	W	0.4	W	0.0	W	0.9	NNW	0.0	ENE	0.0	ESE
13.	23:00	0.0	W	0.0	WNW	0.4	W	0.0	W	0.0	NNW	0.9	E	0.0	ESE
14.	00:00	0.4	W	2.2	WNW	0.4	NNW	0.9	NNW	0.0	WSW	0.0	E	0.0	E
15.	01:00	1.3	NNW	2.7	WNW	0.0	NW	1.8	NNW	0.0	WSW	0.0	E	0.9	ESE
16.	02:00	1.3	NW	1.3	W	1.3	NNW	0.9	NNW	0.0	WSW	1.8	SE	0.0	ESE
17.	03:00	0.0	NNE	0.9	W	0.9	NW	0.0	NE	0.0	ENE	0.0	ESE	0.0	ESE
18.	04:00	0.0	NE	1.3	WNW	0.4	NW	0.4	N	0.4	NNW	0.0	ESE	0.0	ESE
19.	05:00	0.0	NNW	0.0	ENE	0.0	NW	0.0	E	0.0	NNW	0.0	ESE	0.4	SE
20.	06:00	0.0	E	0.0	E	0.0	WNW	0.0	E	0.0	E	0.0	ESE	0.0	SE
21.	07:00	0.0	E	0.0	E	0.0	W	0.0	E	0.0	SE	0.4	SE	0.4	SE
22.	08:00	0.0	E	0.4	W	0.0	WSW	0.0	ESE	1.3	SE	0.4	ESE	0.0	E
23.	09:00	0.4	ESE	0.9	ESE	0.4	ESE	0.4	ESE	0.0	ESE	0.9	SE	0.0	E
24.	10:00	0.9	ESE	1.3	WNW	1.3	W	0.9	ESE	0.0	E	1.3	SE	1.3	W
Average		1.1	-	1.2	-	1.1	-	1.0	-	0.8	-	0.5	-	0.7	-

Remark : 1. WS = WIND SPEED (m/s)
2. WD = WIND DIRECTION

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager

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Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

ORIGINAL
ต้นฉบับ

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1/6 ซอยรามคำแหง 145 แขวงสะพานสูง เขตสะพานสูง กรุงเทพมหานคร 10240

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

TEST REPORT

Customer Name : บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP

Report No. : 0425/2023/12-23

Project : โครงการผลิตลวดทองแดงส่วนขยาย ครั้งที่ 1

Report Date : February 24, 2023

Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม
อำเภอบางปะกง จังหวัดฉะเชิงเทรา

Sampling Date : February 10-17, 2023

Type of Sample : WS & WD

Contact : Tel. (038) 573 231-5

Job No. : S660063/Feb/1

Item	Time	Result													
		รพ.ส.ท่าข้าม													
		10-11/02/23		11-12/02/23		12-13/02/23		13-14/02/23		14-15/02/23		15-16/02/23		16-17/02/23	
		WS	WD	WS	WD	WS	WD	WS	WD	WS	WD	WS	WD	WS	WD
1.	13:00	0.9	SW	1.3	E	1.3	WSW	1.3	SSE	1.3	S	0.9	ESE	3.1	S
2.	14:00	0.9	SW	1.3	SSE	1.3	W	1.3	S	1.3	SE	1.3	S	3.1	SSE
3.	15:00	0.9	SW	1.3	S	1.3	SE	1.8	SSE	1.3	SE	1.3	WSW	2.7	S
4.	16:00	1.3	SSE	1.3	SSE	1.3	SSE	1.3	SSE	1.3	SSE	1.3	WSW	2.7	SSE
5.	17:00	1.3	SSE	1.3	SSE	1.3	SSE	1.3	SSE	1.3	SSE	1.3	WSW	2.2	SSE
6.	18:00	1.8	SSE	1.8	SSE	2.2	SSE	1.8	SSE	1.8	SSE	0.9	W	1.8	S
7.	19:00	1.8	SSE	1.3	SSE	1.3	SSE	1.3	SSE	1.8	SSE	0.0	NW	0.9	SE
8.	20:00	0.9	SSE	1.3	SSE	0.9	SSE	0.9	SSE	1.3	SSE	0.4	NNW	0.4	ESE
9.	21:00	0.9	SSE	0.9	SSE	0.9	SE	0.4	SE	0.4	SSE	0.4	NNW	0.4	SE
10.	22:00	0.9	SSE	0.9	SSE	0.9	SE	0.0	SSW	0.4	SSE	0.4	N	0.0	S
11.	23:00	0.9	SSE	0.4	S	0.4	S	0.4	SSE	0.4	SSE	0.9	N	0.4	SE
12.	00:00	1.3	S	0.9	SSE	0.9	SSE	0.9	SSE	0.9	ENE	0.4	NNE	0.4	SE
13.	01:00	1.3	SSE	1.3	SSE	0.9	SSE	1.3	SSE	0.0	ENE	0.4	NNE	0.9	SSE
14.	02:00	0.9	SSE	1.3	SSE	0.9	SSE	0.9	SSE	0.0	ENE	1.8	NE	0.4	SE
15.	03:00	0.9	SSE	0.4	SSE	0.9	SSE	0.4	S	0.0	SW	1.3	E	0.9	SSE
16.	04:00	0.4	SSE	0.9	SSE	0.9	SSE	0.4	S	0.4	S	0.9	ESE	1.3	S
17.	05:00	0.4	SE	0.0	S	0.0	SE	0.0	SSE	0.4	SSE	0.4	SE	1.3	SSW
18.	06:00	0.4	SE	0.4	S	0.0	SSE	0.0	E	0.9	NE	0.9	SSE	1.3	SSW
19.	07:00	0.4	ESE	0.4	ESE	0.0	SSE	0.4	ENE	0.9	NNE	0.9	SE	1.8	SSW
20.	08:00	0.0	ESE	0.4	ESE	0.0	SSE	0.4	NE	2.2	ENE	1.3	SSE	1.8	SSW
21.	09:00	0.9	SSE	1.3	SE	0.9	NNE	0.9	NNE	1.8	ESE	1.8	SSE	2.2	SSW
22.	10:00	1.3	SSE	1.3	SSE	1.3	ESE	0.9	N	0.9	S	2.2	SSE	2.7	S
23.	11:00	1.3	W	0.9	SE	1.3	SSE	1.3	SE	1.3	SE	2.7	SSE	3.1	S
24.	12:00	1.3	WSW	1.3	WSW	1.3	W	1.3	W	0.9	SE	3.1	SSE	2.2	SSE
Average		1.0	-	1.0	-	0.9	-	0.9	-	1.0	-	1.1	-	1.6	-

Remark : 1. WS = WIND SPEED (m/s)
2. WD = WIND DIRECTION

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager

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TEST REPORT

Customer Name : บริษัท ไทยเมทัลโปรดิวส์ จำกัด/TMP

Report No. : 0425/2023/13-23

Project : โครงการผลิตลวดทองแดงส่วนขยาย ครั้งที่ 1

Report Date : February 24, 2023

Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม

Sampling Date : February 10-17, 2023

อำเภอบางปะกง จังหวัดฉะเชิงเทรา

Type of Sample : WS & WD

Contact : Tel. (038) 573 231-5

Job No. : S660063/Feb/1

Item	Time	Result													
		วัดบุญญราศรี													
		10-11/02/23		11-12/02/23		12-13/02/23		13-14/02/23		14-15/02/23		15-16/02/23		16-17/02/23	
		WS	WD	WS	WD	WS	WD	WS	WD	WS	WD	WS	WD	WS	WD
1.	12:00	1.8	NNE	2.2	E	1.8	ENE	2.2	E	2.2	ESE	1.3	NNW	6.7	WNW
2.	13:00	1.8	NNE	2.7	S	3.6	E	3.6	ESE	2.7	SW	0.9	NNW	4.9	W
3.	14:00	1.3	NNE	2.2	ENE	2.7	SSW	4.5	ESE	2.7	SW	2.2	E	6.3	WSW
4.	15:00	2.2	NNE	2.7	ENE	2.7	ENE	4.0	ESE	2.2	SSW	3.6	E	4.9	WSW
5.	16:00	3.1	NE	2.7	ENE	3.6	E	4.5	ESE	2.2	ESE	3.1	E	3.6	WSW
6.	17:00	3.6	NE	3.6	E	4.0	E	4.0	SE	2.7	E	2.7	E	3.1	WSW
7.	18:00	3.6	ENE	3.1	ENE	4.0	E	3.1	ESE	3.6	ESE	2.2	E	2.2	WSW
8.	19:00	4.5	ENE	3.6	E	4.0	E	2.7	ESE	4.5	ESE	0.4	E	1.8	WSW
9.	20:00	3.1	ENE	3.1	ENE	3.1	E	1.8	ESE	3.1	ESE	0.4	S	0.9	WSW
10.	21:00	4.0	ENE	2.7	E	2.2	E	1.3	ESE	1.3	ESE	0.4	E	0.4	WSW
11.	22:00	1.8	ENE	1.8	ENE	1.3	E	0.4	E	0.9	ESE	0.0	ESE	0.0	WSW
12.	23:00	2.2	ENE	0.9	ENE	0.9	E	1.3	ESE	0.4	ESE	1.3	NW	0.0	SSE
13.	00:00	3.1	ENE	3.1	E	3.6	E	2.7	ESE	0.9	ENE	1.3	NW	0.0	SSE
14.	01:00	2.7	ENE	3.6	ENE	2.7	E	3.6	ESE	0.0	ENE	1.8	NNW	1.8	WSW
15.	02:00	2.2	ENE	3.1	ENE	3.6	E	1.8	ESE	0.0	E	2.7	NW	1.8	WSW
16.	03:00	2.2	ENE	1.3	ENE	2.7	E	0.4	ESE	0.4	ESE	1.3	NNW	1.3	WSW
17.	04:00	1.3	ENE	1.3	ENE	1.8	E	0.4	ESE	0.9	ESE	2.2	NW	0.4	WSW
18.	05:00	0.9	NE	0.9	ENE	0.4	E	0.0	ESE	2.7	ESE	1.8	NNW	0.0	W
19.	06:00	0.4	NE	2.7	ENE	1.3	E	0.4	N	0.4	N	2.2	NNW	0.4	W
20.	07:00	0.4	NNE	1.8	NNE	0.4	ENE	0.9	N	1.3	N	1.3	NNW	0.4	WSW
21.	08:00	0.4	ENE	0.9	ENE	0.4	NNW	0.9	N	2.2	N	0.9	NNW	0.4	WSW
22.	09:00	2.2	ENE	3.1	ENE	0.9	NNW	1.8	NNW	2.2	NE	3.1	NNW	0.9	W
23.	10:00	2.2	ENE	2.7	ENE	2.2	E	2.2	NNW	2.2	NE	4.0	NNW	2.2	WSW
24.	11:00	1.8	ENE	2.2	E	3.1	E	1.3	E	2.7	NE	4.9	NW	2.2	WSW
Average		2.2	-	2.4	-	2.4	-	2.1	-	1.9	-	1.9	-	1.9	-

Remark : 1. WS = WIND SPEED (m/s)
2. WD = WIND DIRECTION

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager

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TEST REPORT

Analysis No. : R23-0425
Received Date : 15/02/23
Customer : Technical Division of Thai Environmental Technic Limited
For บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP
โครงการผลิตลวดทองแดงส่วนขยายครั้งที่ 1
Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม อำเภอบางปะกง
จังหวัดฉะเชิงเทรา
Contact : Tel. (038) 573 231-5

Report Date : 08/03/23
Analysis Date : 14-23/02/23
Job No. : S660063/Feb/I
Sampling By : TET
Type of Sample : Stack

Sampling Conditions :

Item	Description	Unit	Result
			2302-AS0570
			ปล่องระบายจากเตาหลอม (Outlet)
1	Sampling Date	-	14/02/23
2	Stack Diameter	m	Ø 0.50
3	Temperature ⁽¹⁾	°C	52
4	Stack Gas Velocity ⁽¹⁾	m/s	9.0
5	Flow Rate ⁽¹⁾	m ³ /s	1.8
6	Flow Rate ⁽²⁾	Nm ³ /s	1.6
7	Moisture Content ⁽¹⁾	%	3.80
8	O ₂ Rate ⁽¹⁾ , dry basis	%	13.6
9	CO ₂ Rate ⁽¹⁾ , dry basis	%	5.2
10	Absolute Stack Pressure ⁽¹⁾	mm.Hg	756.8

Parameter	Unit	Method	Result	Standard (With Combustion)	Analysis Date
			2302-AS0570		
			ปล่องระบายจากเตาหลอม (Outlet)		
Particulate ⁽²⁾	mg/Nm ³	Isokinetic, Gravimetric Method (US.EPA Method 5, Dec 07, 2020)	7.5	320	16-17/02/23
Cu ⁽²⁾	mg/Nm ³	Isokinetic, Digestion, Direct Air-Acetylene Flame Method (US.EPA Method 29, Aug 02, 2017)	2.303	24	23/02/23
NO _x as NO ₂ ⁽²⁾	ppm	Instrument Analyzer Method (US.EPA Method 7E, Oct 07, 2020)	17.00	200	14/02/23
SO ₂ ⁽²⁾	ppm	Instrument Analyzer Method (US.EPA Method 6C, Aug 2, 2017)	< 0.10	60	14/02/23
CO ⁽²⁾	ppm	NDIR Method (US.EPA Method 10, Aug 02, 2017)	186	690	14/02/23

Remarks : ปล่องระบายจากเตาหลอม (Outlet) = 47P 0717264 UTM 1489853

(1) Flue conditions

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

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

Source ; Natural Gas (อัตราการผลิต 18 tons/hr), อัตราการใช้เชื้อเพลิง 1.7 mmbtu/tons

Reviewed by

Ms. Wareerut Prachumdaeng
Chief of Laboratory

7-236-ก-7201
08/03/23



Approved by

Mrs. Pornpip Pethshee
Laboratory Manager

7-236-ก-6047
08/03/23

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TEST REPORT

Analysis No. : R23-0425
Received Date : 15/02/23
Customer : Technical Division of Thai Environmental Technic Limited
For บริษัท ไทยเมทัลโพรเซสซิ่ง จำกัด/TMP
โครงการผลิตลวดทองแดงส่วนขยายครั้งที่ 1
Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม อำเภอบางปะกง
จังหวัดฉะเชิงเทรา
Contact : Tel. (038) 573 231-5

Report Date : 08/03/23
Analysis Date : 14-23/02/23
Job No. : S660063/Feb/1
Sampling By : TET
Type of Sample : Stack

Sampling Conditions :

Item	Description	Unit	Result
			2302-AS0570
			ปล่องระบายจากเตาหลอม (Outlet)
1	Sampling Date	-	14/02/23
2	Stack Diameter	m	Ø 0.50
3	Temperature ⁽¹⁾	°C	52
4	Stack Gas Velocity ⁽¹⁾	m/s	9.0
5	Flow Rate ⁽¹⁾	m ³ /s	1.8
6	Flow Rate ⁽²⁾	Nm ³ /s	1.6
7	Moisture Content ⁽¹⁾	%	3.80
8	O ₂ Rate ⁽¹⁾ , dry basis	%	13.6
9	CO ₂ Rate ⁽¹⁾ , dry basis	%	5.2
10	Absolute Stack Pressure ⁽¹⁾	mm.Hg	756.8

Parameter	Unit	Method	Result		Standard		Analysis
			2302-AS0570		(With Combustion)		
			ปล่องระบายจากเตาหลอม (Outlet)		(A)	(B)	Date
Particulate ⁽²⁾	mg/Nm ³	Isokinetic, Gravimetric Method (US.EPA Method 5, Dec 07, 2020)	7.5	0.01 (g/s)	320	3.27 (g/s)	16-17/02/23
Cu ⁽²⁾	mg/Nm ³	Isokinetic, Digestion, Direct Air-Acetylene Flame Method (US.EPA Method 29, Aug 02, 2017)	2.303	-	24	-	23/02/23
NO _x as NO ₂ ⁽²⁾	ppm	Instrument Analyzer Method (US.EPA Method 7E, Oct 07, 2020)	17.00	-	200	-	14/02/23
SO ₂ ⁽²⁾	ppm	Instrument Analyzer Method (US.EPA Method 6C, Aug 2, 2017)	< 0.10	-	60	-	14/02/23
CO ⁽²⁾	ppm	NDIR Method (US.EPA Method 10, Aug 02, 2017)	186	-	690	-	14/02/23

Remarks : ปล่องระบายจากเตาหลอม (Outlet) = 47P 0717264 UTM 1489853

(1) Flue conditions

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

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

(B) According to Specified Environmental Impact Assessment of Thai Metal Processing Co., Ltd. (2020) (B.E. 2563)

Source : Natural Gas (อัตราการผลิต 18 tons/hr), อัตราการใช้เชื้อเพลิง 62.5 tons/hr

Reviewed by

Mrs. Wareerut Prachumdaeng
Chief of Laboratory
08/03/23



Approved by

Mrs. Pomtip Pethshee
Laboratory Manager
08/03/23

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TEST REPORT

Analysis No. : R23-0566
Received Date : 27/02/23
Customer : Technical Division of Thai Environmental Technic Limited
For บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP
โครงการผลิตลวดทองแดงส่วนขยายครั้งที่ 1
Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม อำเภอบางปะกง
จังหวัดฉะเชิงเทรา 24130
Contact : Tel. (038) 573 231-5

Report Date : 09/03/23
Analysis Date : 28/02-07/03/23
Job No. : S660063/Feb/2
Sampling By : TET
Type of Sample : Stack

Sampling Conditions :

Item	Description	Unit	Result
			2302-AS1166
			การบดอัดปล่อยที่ 1 (RC1)
1	Sampling Date	-	24/02/23
2	Stack Diameter	m	Ø 0.50
3	Temperature ⁽¹⁾	°C	35
4	Stack Gas Velocity ⁽¹⁾	m/s	11.9
5	Flow Rate ⁽¹⁾	m ³ /s	2.3
6	Flow Rate ⁽²⁾	Nm ³ /s	2.2
7	Moisture Content ⁽¹⁾	%	1.22
8	O ₂ Rate ⁽¹⁾ , dry basis	%	20.9
9	CO ₂ Rate ⁽¹⁾ , dry basis	%	< 1.0
10	Absolute Stack Pressure ⁽¹⁾	mm.Hg	757.4

Parameter	Unit	Method	Result	Standard (Without Combustion)	Analysis Date
			2302-AS1166		
			การบดอัดปล่อยที่ 1 (RC1)		
Particulate ⁽²⁾	mg/Nm ³	Isokinetic, Gravimetric Method (US.EPA Method 5, Dec 07, 2020)	3.0	400	28/02-01/03/23
Cu ⁽²⁾	mg/Nm ³	Isokinetic, Digestion, Direct Air-Acetylene Flame Method (US.EPA Method 29, Aug 02, 2017)	< 0.005	30	07/03/23

Remarks : การบดอัดปล่อยที่ 1 (RC1) = 47P 0717332 UTM 1489767
(1) Flue conditions
(2) The concentrations of air emissions and emission rate are based on the reference condition of 25 °C at 1 atm or 760 mm.Hg and dry basis
Standard : Notification of the Ministry of Industry (2006) (B.E. 2549)

Reviewed by

Ms. Wareerut Prachumdaeng
Chief of Laboratory
๖-236-๖-7201
๐๙/๐๓/๒๓



Approved by

Mrs. Pomtip Pethshee
Laboratory Manager
๖-236-๖-6047
๐๙/๐๓/๒๓

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TEST REPORT

Analysis No. : R23-0566
Received Date : 27/02/23
Customer : Technical Division of Thai Environmental Technic Limited
For บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP
โครงการผลิตลวดทองแดงส่วนขยายครั้งที่ 1
Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม อำเภอบางปะกง
จังหวัดฉะเชิงเทรา 24130
Contact : Tel. (038) 573 231-5

Report Date : 09/03/23
Analysis Date : 28/02-07/03/23
Job No. : S660063/Feb/2
Sampling By : TET
Type of Sample : Stack

Sampling Conditions :

Item	Description	Unit	Result
			2302-AS1166
			การบดอัดป้อนที่ 1 (RC1)
1	Sampling Date	-	24/02/23
2	Stack Diameter	m	Ø 0.50
3	Temperature ⁽¹⁾	°C	35
4	Stack Gas Velocity ⁽¹⁾	m/s	11.9
5	Flow Rate ⁽¹⁾	m ³ /s	2.3
6	Flow Rate ⁽²⁾	Nm ³ /s	2.2
7	Moisture Content ⁽¹⁾	%	1.22
8	O ₂ Rate ⁽¹⁾ , dry basis	%	20.9
9	CO ₂ Rate ⁽¹⁾ , dry basis	%	< 1.0
10	Absolute Stack Pressure ⁽¹⁾	mm.Hg	757.4

Parameter	Unit	Method	Result	Standard (Without Combustion)	Analysis Date
			2302-AS1166		
			การบดอัดป้อนที่ 1 (RC1)		
Particulate ⁽²⁾	mg/Nm ³	Isokinetic, Gravimetric Method (US.EPA Method 5, Dec 07, 2020)	3.0	400	28/02-01/03/23
Cu ⁽²⁾	mg/Nm ³	Isokinetic, Digestion, Direct Air-Acetylene Flame Method (US.EPA Method 29, Aug 02, 2017)	< 0.005	30	07/03/23

Remarks : การบดอัดป้อนที่ 1 (RC1) = 47P 0717332 UTM 1489767
(1) Flue conditions
(2) The concentrations of air emissions and emission rate are based on the reference condition of 25 °C at 1 atm or 760 mm.Hg and dry basis
Standard : Notification of the Ministry of Natural Resources and Environment (2006) (B.E. 2549)

Reviewed by

Ms. Wareerut Prachumdaeng
Chief of Laboratory
09/03/23



Approved by

Mrs. Pornpip Pethshee
Laboratory Manager
09/03/23

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TEST REPORT

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Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม อำเภอบางปะกง
จังหวัดฉะเชิงเทรา 24130
Contact : Tel. (038) 573 231-5

Report Date : 09/03/23
Analysis Date : 28/02-07/03/23
Job No. : S660063/Feb/2
Sampling By : TET
Type of Sample : Stack

Sampling Conditions :

Item	Description	Unit	Result
			2302-AS1167
			การบดอัดปล่อยที่ 2 (RC2-DC1)
1	Sampling Date	-	24/02/23
2	Stack Diameter	m	Ø 0.30
3	Temperature ⁽¹⁾	°C	35
4	Stack Gas Velocity ⁽¹⁾	m/s	12.3
5	Flow Rate ⁽¹⁾	m ³ /s	0.9
6	Flow Rate ⁽²⁾	Nm ³ /s	0.8
7	Moisture Content ⁽¹⁾	%	1.10
8	O ₂ Rate ⁽¹⁾ , dry basis	%	20.9
9	CO ₂ Rate ⁽¹⁾ , dry basis	%	< 1.0
10	Absolute Stack Pressure ⁽¹⁾	mm.Hg	757.4

Parameter	Unit	Method	Result	Standard (Without Combustion)	Analysis Date
			2302-AS1167		
			การบดอัดปล่อยที่ 2 (RC2-DC1)		
Particulate ⁽²⁾	mg/Nm ³	Isokinetic, Gravimetric Method (US.EPA Method 5, Dec 07, 2020)	8.9	400	28/02-01/03/23
Cu ⁽²⁾	mg/Nm ³	Isokinetic, Digestion, Direct Air-Acetylene Flame Method (US.EPA Method 29, Aug 02, 2017)	< 0.005	30	07/03/23

Remarks : การบดอัดปล่อยที่ 2 (RC2-DC1) = 47P 0717329 UTM 1489790
(1) Flue conditions
(2) The concentrations of air emissions and emission rate are based on the reference condition of 25 °C at 1 atm or 760 mm.Hg and dry basis
Standard : Notification of the Ministry of Industry (2006) (B.E. 2549)

Reviewed by

Ms. Wareerut Prachumdaeng
Chief of Laboratory
๖-236-๓-7201
๐๗/๐๓/๒๓



Approved by

Mrs. Pornpip Pethshee
Laboratory Manager
๖-236-๓-6047
๐๗/๐๓/๒๓

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TEST REPORT

Analysis No. : R23-0566
Received Date : 27/02/23
Customer : Technical Division of Thai Environmental Technic Limited
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โครงการผลิตลวดทองแดงส่วนขยายครั้งที่ 1
Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม อำเภอบางปะกง
จังหวัดฉะเชิงเทรา 24130
Contact : Tel. (038) 573 231-5

Report Date : 09/03/23
Analysis Date : 28/02-07/03/23
Job No. : S660063/Feb/2
Sampling By : TET
Type of Sample : Stack

Sampling Conditions :

Item	Description	Unit	Result
			2302-AS1167
			การบดอัดปล่องที่ 2 (RC2-DC1)
1	Sampling Date	-	24/02/23
2	Stack Diameter	m	Ø 0.30
3	Temperature ⁽¹⁾	°C	35
4	Stack Gas Velocity ⁽¹⁾	m/s	12.3
5	Flow Rate ⁽¹⁾	m ³ /s	0.9
6	Flow Rate ⁽²⁾	Nm ³ /s	0.8
7	Moisture Content ⁽¹⁾	%	1.10
8	O ₂ Rate ⁽¹⁾ , dry basis	%	20.9
9	CO ₂ Rate ⁽¹⁾ , dry basis	%	< 1.0
10	Absolute Stack Pressure ⁽¹⁾	mm.Hg	757.4

Parameter	Unit	Method	Result	Standard (Without Combustion)	Analysis Date
			2302-AS1167		
			การบดอัดปล่องที่ 2 (RC2-DC1)		
Particulate ⁽²⁾	mg/Nm ³	Isokinetic, Gravimetric Method (US.EPA Method 5, Dec 07, 2020)	8.9	400	28/02-01/03/23
Cu ⁽²⁾	mg/Nm ³	Isokinetic, Digestion, Direct Air-Acetylene Flame Method (US.EPA Method 29, Aug 02, 2017)	< 0.005	30	07/03/23

Remarks : การบดอัดปล่องที่ 2 (RC2-DC1) = 47P 0717329 UTM 1489790
(1) Flue conditions
(2) The concentrations of air emissions and emission rate are based on the reference condition of 25 °C at 1 atm or 760 mm.Hg and dry basis
Standard : Notification of the Ministry of Natural Resources and Environment (2006) (B.E. 2549)

Reviewed by

Ms. Wareerut Prachumdaeng
Chief of Laboratory
09/03/23



Approved by

Mrs. Pornpip Pethshee
Laboratory Manager
09/03/23

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TEST REPORT

Analysis No. : R23-0566
Received Date : 27/02/23
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Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม อำเภอบางปะกง
จังหวัดฉะเชิงเทรา 24130
Contact : Tel. (038) 573 231-5

Report Date : 09/03/23
Analysis Date : 28/02-07/03/23
Job No. : S660063/Feb/2
Sampling By : TET
Type of Sample : Stack

Sampling Conditions :

Item	Description	Unit	Result
			2302-AS1168
			การวัดปล่องที่ 3 (RC2-DC2)
1	Sampling Date	-	24/02/23
2	Stack Diameter	m	Ø 0.25
3	Temperature ⁽¹⁾	°C	35
4	Stack Gas Velocity ⁽¹⁾	m/s	11.6
5	Flow Rate ⁽¹⁾	m ³ /s	0.6
6	Flow Rate ⁽²⁾	Nm ³ /s	0.5
7	Moisture Content ⁽¹⁾	%	1.10
8	O ₂ Rate ⁽¹⁾ , dry basis	%	20.9
9	CO ₂ Rate ⁽¹⁾ , dry basis	%	< 1.0
10	Absolute Stack Pressure ⁽¹⁾	mm.Hg	757.3

Parameter	Unit	Method	Result	Standard (Without Combustion)	Analysis Date
			2302-AS1168		
			การวัดปล่องที่ 3 (RC2-DC2)		
Particulate ⁽²⁾	mg/Nm ³	Isokinetic, Gravimetric Method (US.EPA Method 5, Dec 07, 2020)	19.9	400	28/02-01/03/23
Cu ⁽²⁾	mg/Nm ³	Isokinetic, Digestion, Direct Air-Acetylene Flame Method (US.EPA Method 29, Aug 02, 2017)	< 0.005	30	07/03/23

Remarks : การวัดปล่องที่ 3 (RC2-DC2) = 47P 0717329 UTM 1489787

(1) Flue conditions

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

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

Reviewed by

Ms. Wareerut Prachumdaeng
Chief of Laboratory
๓-๒๓๖-๓-๗๒๐๑
๐๙/๐๓/๒๓



Approved by

Mrs. Pornpip Pethshee
Laboratory Manager
๓-๒๓๖-๓-๖๐๔๗
๐๙/๐๓/๒๓

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TEST REPORT

Analysis No. : R23-0566
Received Date : 27/02/23
Customer : Technical Division of Thai Environmental Technic Limited
For บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP
โครงการผลิตลวดทองแดงส่วนขยายครั้งที่ 1
Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม อำเภอบางปะกง
จังหวัดฉะเชิงเทรา 24130
Contact : Tel. (038) 573 231-5

Report Date : 09/03/23
Analysis Date : 28/02-07/03/23
Job No. : S660063/Feb/2
Sampling By : TET
Type of Sample : Stack

Sampling Conditions :

Item	Description	Unit	Result
			2302-AS1168
			การบดอัดปล่อยที่ 3 (RC2-DC2)
1	Sampling Date	-	24/02/23
2	Stack Diameter	m	Ø 0.25
3	Temperature ⁽¹⁾	°C	35
4	Stack Gas Velocity ⁽¹⁾	m/s	11.6
5	Flow Rate ⁽¹⁾	m ³ /s	0.6
6	Flow Rate ⁽²⁾	Nm ³ /s	0.5
7	Moisture Content ⁽¹⁾	%	1.10
8	O ₂ Rate ⁽¹⁾ , dry basis	%	20.9
9	CO ₂ Rate ⁽¹⁾ , dry basis	%	< 1.0
10	Absolute Stack Pressure ⁽¹⁾	mm.Hg	757.3

Parameter	Unit	Method	Result	Standard (Without Combustion)	Analysis Date
			2302-AS1168		
			การบดอัดปล่อยที่ 3 (RC2-DC2)		
Particulate ⁽²⁾	mg/Nm ³	Isokinetic, Gravimetric Method (US.EPA Method 5, Dec 07, 2020)	19.9	400	28/02-01/03/23
Cu ⁽²⁾	mg/Nm ³	Isokinetic, Digestion, Direct Air-Acetylene Flame Method (US.EPA Method 29, Aug 02, 2017)	< 0.005	30	07/03/23

Remarks : การบดอัดปล่อยที่ 3 (RC2-DC2) = 47P 0717329 UTM 1489787

(1) Flue conditions

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

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

Reviewed by

Ms. Wareerut Prachumdaeng
Chief of Laboratory
09/03/23



Approved by

Mrs. Pomtip Pethshee
Laboratory Manager
09/03/23

..... END OF REPORT

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TEST REPORT

Customer Name : บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP

Report No. : 0425/2023/14-23

Project : โครงการผลิตลวดทองแดงส่วนขยาย ครั้งที่ 1

Report Date : February 24, 2023

Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม

Sampling Date : February 10-17, 2023

อำเภอบางปะกง จังหวัดฉะเชิงเทรา

Type of Sample : Sound Level

Contact : Tel. (038) 573 231-5

Job No. : S660063/Feb/1

Item	Sampling Time	Result (dB(A))											
		ริมรั้วด้านหน้าโรงงาน											
		10-11/02/23			11-12/02/23			12-13/02/23			13-14/02/23		
		Leq	Lmax	L ₉₀	Leq	Lmax	L ₉₀	Leq	Lmax	L ₉₀	Leq	Lmax	L ₉₀
1.	13.00-14.00	58.1	79.8	49.8	58.2	85.2	44.7	56.4	80.2	50.2	54.7	80.1	48.7
2.	14.00-15.00	55.8	81.8	48.6	52.4	79.7	46.0	54.4	81.7	46.2	55.0	73.7	49.0
3.	15.00-16.00	53.4	73.4	48.4	53.7	80.2	46.9	56.0	81.2	46.8	53.3	74.1	47.6
4.	16.00-17.00	52.5	78.7	47.9	52.8	79.4	43.1	53.6	77.4	46.0	57.3	85.8	48.8
5.	17.00-18.00	54.7	76.1	47.0	52.3	82.1	44.7	56.1	77.3	48.8	52.3	73.6	47.4
6.	18.00-19.00	53.4	74.6	46.4	52.2	74.7	47.2	56.1	83.8	46.9	54.8	76.4	49.2
7.	19.00-20.00	53.0	81.6	46.5	53.4	69.3	49.4	52.4	72.9	47.6	52.8	75.7	47.9
8.	20.00-21.00	55.6	77.9	48.0	53.9	75.4	47.9	54.9	77.2	46.8	54.5	74.7	49.8
9.	21.00-22.00	58.7	81.3	48.7	56.6	75.0	48.7	53.4	71.0	46.5	54.0	76.0	48.5
10.	22.00-23.00	54.1	83.5	47.5	52.5	76.4	48.6	54.0	79.7	49.8	51.3	69.9	48.5
11.	23.00-00.00	51.7	79.3	47.1	50.1	65.1	48.7	52.5	71.0	50.0	50.0	71.6	47.5
12.	00.00-01.00	50.7	76.7	46.7	55.9	73.6	48.7	56.3	85.8	49.1	49.5	71.0	47.3
13.	01.00-02.00	52.0	81.1	46.9	49.6	73.1	47.8	50.2	66.3	48.4	51.0	71.8	47.5
14.	02.00-03.00	49.1	79.4	46.3	47.6	62.4	46.4	50.8	69.8	49.3	50.0	69.3	48.3
15.	03.00-04.00	47.2	75.4	44.8	48.4	68.5	46.3	49.8	69.0	48.0	51.4	77.9	50.0
16.	04.00-05.00	51.9	77.7	45.6	49.6	66.9	47.1	49.4	73.4	47.3	49.5	66.9	49.0
17.	05.00-06.00	55.7	73.0	44.8	49.7	62.8	49.5	49.0	69.8	47.4	47.7	64.4	46.6
18.	06.00-07.00	53.8	73.7	46.4	49.7	63.6	49.0	48.6	69.5	47.2	47.9	66.6	45.6
19.	07.00-08.00	48.4	64.8	46.9	49.2	64.4	48.1	49.7	61.5	48.4	48.5	63.8	47.6
20.	08.00-09.00	47.9	64.5	46.0	49.8	66.5	48.4	52.4	70.2	50.8	49.9	66.3	48.4
21.	09.00-10.00	50.2	66.0	48.2	53.2	66.8	52.1	57.1	80.0	51.1	51.4	74.9	48.8
22.	10.00-11.00	58.3	84.3	49.9	57.9	86.4	52.6	54.1	75.3	50.2	54.1	77.1	49.0
23.	11.00-12.00	59.0	82.6	50.2	59.6	84.1	51.1	59.5	85.8	50.8	58.9	81.5	49.8
24.	12.00-13.00	56.9	81.4	47.8	54.6	76.9	50.6	55.1	76.7	49.4	56.1	72.6	50.9
Leq 24 hr		54.7	-	-	53.9	-	-	54.3	-	-	53.4	-	-
Lmax		-	84.3	-	-	86.4	-	-	85.8	-	-	85.8	-
Standard ⁽¹⁾⁽²⁾		70	115	-	70	115	-	70	115	-	70	115	-
Ldn		59.5	-	-	58.3	-	-	59.0	-	-	57.4	-	-

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

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

Coordinates : 47P 0717249 UTM 1489983

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager



TEST REPORT

Customer Name : บริษัท ไทยเมทัลโปรดเซสซิ่ง จำกัด/TMP

Report No. : 0425/2023/15-23

Project : โครงการผลิตลวดทองแดงส่วนขยาย ครั้งที่ 1

Report Date : February 24, 2023

Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม

Sampling Date : February 10-17, 2023

อำเภอบางปะกง จังหวัดฉะเชิงเทรา

Type of Sample : Sound Level

Contact : Tel. (038) 573 231-5

Job No. : S660063/Feb/1

Item	Sampling Time	Result (dB(A))								
		ริมรั้วด้านหน้าโรงงาน								
		14-15/02/23			15-16/02/23			16-17/02/23		
		Leq	Lmax	L ₉₀	Leq	Lmax	L ₉₀	Leq	Lmax	L ₉₀
1.	13.00-14.00	55.2	80.1	50.0	61.0	88.3	49.3	55.5	77.6	49.7
2.	14.00-15.00	59.5	89.7	51.2	56.0	78.2	48.7	56.2	85.4	47.8
3.	15.00-16.00	57.5	77.4	53.8	49.0	72.1	44.8	51.7	80.1	45.6
4.	16.00-17.00	55.2	77.6	49.0	55.3	77.8	46.5	54.1	75.2	49.5
5.	17.00-18.00	58.1	88.5	46.5	59.3	84.2	48.2	57.9	82.5	51.5
6.	18.00-19.00	53.4	76.0	48.0	58.3	86.2	49.5	61.9	77.9	47.1
7.	19.00-20.00	55.4	75.0	50.2	57.7	68.8	52.2	56.4	74.5	44.7
8.	20.00-21.00	56.3	81.0	51.9	51.9	81.0	49.0	47.3	77.8	44.2
9.	21.00-22.00	59.0	93.0	51.7	55.6	88.4	49.3	47.3	70.2	45.5
10.	22.00-23.00	52.5	74.5	49.0	58.4	91.7	47.9	51.6	88.8	46.7
11.	23.00-00.00	48.9	70.1	46.7	49.3	79.1	47.3	58.1	83.5	47.9
12.	00.00-01.00	49.5	72.3	46.4	60.7	84.3	49.1	57.0	80.5	46.4
13.	01.00-02.00	47.9	64.2	45.9	56.2	81.8	48.0	56.9	88.4	45.7
14.	02.00-03.00	48.6	68.9	45.2	51.2	77.1	47.7	54.8	86.1	48.8
15.	03.00-04.00	49.9	74.4	45.2	50.6	78.4	48.1	50.7	71.8	47.9
16.	04.00-05.00	47.6	66.5	45.4	50.5	71.8	49.0	52.2	81.6	47.1
17.	05.00-06.00	47.0	66.7	45.0	53.8	72.2	50.9	52.7	67.2	47.4
18.	06.00-07.00	48.8	66.1	47.9	51.9	64.9	48.8	50.1	69.8	43.2
19.	07.00-08.00	48.3	66.3	47.5	59.8	87.4	49.1	54.7	84.0	44.1
20.	08.00-09.00	49.7	64.1	48.3	58.0	80.5	51.6	57.2	79.5	48.1
21.	09.00-10.00	51.0	69.5	48.1	53.4	77.7	49.4	57.6	77.0	51.7
22.	10.00-11.00	54.2	75.3	47.8	54.3	82.3	49.2	59.4	86.3	52.0
23.	11.00-12.00	61.3	90.1	50.1	57.8	79.1	55.2	56.9	78.3	50.9
24.	12.00-13.00	56.7	83.5	49.5	57.5	85.7	51.8	51.6	73.0	48.1
Leq 24 hr		55.0	-	-	56.6	-	-	55.9	-	-
Lmax		-	93.0	-	-	91.7	-	-	88.8	-
Standard ⁽¹⁾⁽²⁾		70	115	-	70	115	-	70	115	-
Ldn		57.8	-	-	62.1	-	-	61.4	-	-

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

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

Coordinates : 47P 0717249 UTM 1489983

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager

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- DO NOT COPY PARTIAL OF THIS ANALYSIS REPORT WITHOUT OFFICIAL APPROVAL



TEST REPORT

Customer Name : บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP

Report No. : 0425/2023/16-23

Project : โครงการผลิตลวดทองแดงส่วนขยาย ครั้งที่ 1

Report Date : February 24, 2023

Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม

Sampling Date : February 10-17, 2023

อำเภอบางปะกง จังหวัดฉะเชิงเทรา

Type of Sample : Sound Level

Contact : Tel. (038) 573 231-5

Job No. : S660063/Feb/1

Item	Sampling Time	Result (dB(A))											
		ริมรั้วข้างห้องตึก 5 ตัน											
		10-11/02/23			11-12/02/23			12-13/02/23			13-14/02/23		
		Leq	Lmax	L ₉₀	Leq	Lmax	L ₉₀	Leq	Lmax	L ₉₀	Leq	Lmax	L ₉₀
1.	13.00-14.00	69.8	88.1	67.9	69.0	85.1	67.6	68.0	80.6	67.3	68.4	90.9	67.3
2.	14.00-15.00	69.7	89.6	68.6	69.3	88.9	67.1	71.6	85.5	67.8	68.2	85.5	67.3
3.	15.00-16.00	68.7	87.1	67.6	69.0	93.5	67.1	71.6	85.3	67.8	67.0	85.5	66.0
4.	16.00-17.00	69.0	87.5	68.1	70.3	93.5	68.4	66.7	86.1	65.8	67.5	87.8	66.7
5.	17.00-18.00	69.5	92.2	66.5	70.0	85.3	68.6	66.9	81.1	66.2	67.6	81.1	66.3
6.	18.00-19.00	68.8	86.8	67.1	69.9	88.6	68.0	67.0	78.5	66.4	66.9	80.4	66.4
7.	19.00-20.00	67.4	78.9	66.8	65.4	85.2	63.2	67.7	79.2	66.5	67.9	81.1	66.1
8.	20.00-21.00	68.2	85.4	67.6	61.8	70.7	61.1	67.3	78.4	66.5	66.3	82.8	65.9
9.	21.00-22.00	68.1	78.7	67.3	61.1	83.5	60.5	67.4	84.5	66.7	65.5	85.7	62.9
10.	22.00-23.00	66.6	81.9	66.2	60.4	63.8	60.1	67.9	76.6	66.8	67.2	85.7	66.5
11.	23.00-00.00	67.0	76.9	66.3	60.5	64.0	60.1	67.4	77.1	67.0	66.6	75.5	66.4
12.	00.00-01.00	70.0	84.0	66.9	60.0	65.8	60.2	67.6	79.1	66.7	67.2	82.0	66.8
13.	01.00-02.00	67.4	79.4	66.6	58.6	67.6	58.3	67.8	81.5	66.9	67.8	80.0	67.2
14.	02.00-03.00	68.6	80.4	67.6	58.6	62.4	58.3	67.7	79.6	67.2	67.3	81.6	66.6
15.	03.00-04.00	70.4	80.6	68.4	58.8	74.3	58.5	68.0	79.2	67.5	67.1	79.7	66.5
16.	04.00-05.00	67.7	80.2	67.0	63.6	91.1	61.0	67.8	80.5	67.2	66.7	78.2	66.3
17.	05.00-06.00	67.9	84.5	66.9	66.0	85.4	64.4	70.4	82.1	67.4	67.0	78.8	66.5
18.	06.00-07.00	69.0	79.6	67.2	66.4	79.3	65.7	67.9	80.7	67.3	66.1	85.2	65.3
19.	07.00-08.00	68.4	86.3	67.3	68.5	84.8	67.7	68.1	81.5	67.0	63.7	80.7	60.0
20.	08.00-09.00	70.8	90.6	67.9	68.7	83.0	67.5	67.1	80.5	66.3	64.5	85.6	59.8
21.	09.00-10.00	70.4	89.2	67.7	68.4	81.5	67.4	68.6	87.6	66.8	68.1	85.2	66.4
22.	10.00-11.00	69.6	86.2	67.6	67.6	82.5	66.8	66.6	80.3	66.0	69.5	97.9	67.4
23.	11.00-12.00	72.6	90.7	68.6	68.0	82.0	66.8	66.5	78.9	66.0	66.9	81.0	65.6
24.	12.00-13.00	68.9	80.0	66.7	68.5	82.7	67.9	66.9	80.9	65.9	66.1	79.4	65.5
Leq 24 hr		69.2	-	-	66.9	-	-	68.2	-	-	67.1	-	-
Lmax		-	92.2	-	-	93.5	-	-	87.6	-	-	97.9	-
Standard ⁽¹⁾⁽²⁾		70	115	-	70	115	-	70	115	-	70	115	-
Ldn		75.0	-	-	70.4	-	-	74.6	-	-	73.5	-	-

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

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

Coordinates : 47P 0717313 UTM 1489877

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager



TEST REPORT

Customer Name : บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP

Report No. : 0425/2023/17-23

Project : โครงการผลิตขวดทองแดงส่วนขยาย ครั้งที่ 1

Report Date : February 24, 2023

Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม

Sampling Date : February 10-17, 2023

อำเภอบางปะกง จังหวัดฉะเชิงเทรา

Type of Sample : Sound Level

Contact : Tel. (038) 573 231-5

Job No. : S660063/Feb/1

Item	Sampling Time	Result (dB(A))								
		ริมรั้วข้างห้องตึก 5 ตัน								
		14-15/02/23			15-16/02/23			16-17/02/23		
		Leq	Lmax	L ₉₀	Leq	Lmax	L ₉₀	Leq	Lmax	L ₉₀
1.	13.00-14.00	66.6	85.4	65.8	67.9	90.8	66.2	67.2	84.7	66.2
2.	14.00-15.00	67.6	86.2	65.9	67.8	86.2	66.7	64.2	77.5	59.8
3.	15.00-16.00	67.0	85.4	65.8	67.3	81.6	66.3	66.2	86.5	63.8
4.	16.00-17.00	67.4	83.3	66.4	67.2	93.3	66.1	67.3	87.1	66.2
5.	17.00-18.00	69.0	96.9	66.9	68.1	85.9	66.1	68.4	93.7	66.4
6.	18.00-19.00	70.7	93.5	67.5	69.5	88.8	67.4	69.5	89.7	67.5
7.	19.00-20.00	66.9	77.7	66.2	67.1	85.7	66.7	67.8	79.4	67.0
8.	20.00-21.00	66.8	76.3	66.1	67.7	82.0	66.8	68.3	78.6	67.2
9.	21.00-22.00	66.5	78.0	66.1	68.4	88.1	66.9	67.2	78.1	66.6
10.	22.00-23.00	66.5	81.5	65.7	67.7	81.1	67.0	66.6	77.9	65.8
11.	23.00-00.00	66.6	84.7	66.2	67.3	80.2	66.2	66.8	76.0	65.9
12.	00.00-01.00	67.0	78.4	66.5	67.0	79.1	66.5	66.7	76.8	66.1
13.	01.00-02.00	68.1	79.1	66.9	67.5	80.0	65.9	66.7	81.3	66.3
14.	02.00-03.00	67.5	79.0	67.1	67.4	81.8	66.7	67.4	77.7	66.5
15.	03.00-04.00	66.7	81.2	66.0	67.7	89.9	66.9	67.0	77.7	66.4
16.	04.00-05.00	66.7	78.4	66.1	67.3	77.9	66.8	66.8	79.8	65.9
17.	05.00-06.00	67.2	81.3	66.5	67.6	77.9	66.6	67.5	74.0	66.7
18.	06.00-07.00	67.5	79.3	66.8	67.2	78.3	66.9	67.6	75.7	67.1
19.	07.00-08.00	67.2	78.6	66.2	68.9	83.3	66.9	66.9	78.7	66.2
20.	08.00-09.00	67.1	77.3	66.4	69.5	89.5	67.7	67.1	80.8	66.3
21.	09.00-10.00	67.8	90.4	66.6	68.4	95.1	66.7	67.4	77.9	66.5
22.	10.00-11.00	67.9	79.8	66.9	67.5	82.8	66.6	67.7	78.7	67.0
23.	11.00-12.00	67.4	87.6	66.3	67.6	78.6	66.7	67.1	78.3	66.5
24.	12.00-13.00	67.1	84.9	66.4	66.8	82.3	66.0	67.1	82.3	66.2
Leq 24 hr		67.5	-	-	67.8	-	-	67.3	-	-
Lmax		-	96.9	-	-	95.1	-	-	93.7	-
Standard ⁽¹⁾⁽²⁾		70	115	-	70	115	-	70	115	-
Ldn		73.6	-	-	73.9	-	-	73.5	-	-

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

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

Coordinates : 47P 0717313 UTM 1489877

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager

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TEST REPORT

Customer Name : บริษัท ไทยเมทัลโปรดเซสซิ่ง จำกัด/TMP

Report No. : 0425/2023/18-23

Project : โครงการผลิตขวดทองแดงส่วนขยาย ครั้งที่ 1

Report Date : February 24, 2023

Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม

Sampling Date : February 10-17, 2023

อำเภอบางปะกง จังหวัดฉะเชิงเทรา

Type of Sample : Sound Level

Contact : Tel. (038) 573 231-5

Job No. : S660063/Feb/1

Item	Sampling Time	Result (dB(A))											
		ริมรั้วหลังโรงงาน											
		10-11/02/23			11-12/02/23			12-13/02/23			13-14/02/23		
		Leq	Lmax	L ₉₀	Leq	Lmax	L ₉₀	Leq	Lmax	L ₉₀	Leq	Lmax	L ₉₀
1.	13.00-14.00	67.5	72.7	66.9	68.2	74.4	67.8	68.1	72.3	67.7	67.9	86.7	66.1
2.	14.00-15.00	67.5	74.6	67.0	67.6	70.5	67.8	67.8	75.5	67.3	67.7	85.9	65.3
3.	15.00-16.00	67.9	86.5	67.4	59.7	83.9	58.5	67.5	72.2	67.0	67.2	83.7	65.5
4.	16.00-17.00	67.8	76.2	67.3	58.5	73.0	57.7	68.1	80.3	67.6	66.4	77.8	65.1
5.	17.00-18.00	65.1	75.8	59.4	52.6	69.0	50.3	67.1	77.6	67.8	63.2	84.6	53.7
6.	18.00-19.00	50.3	73.0	47.5	51.3	71.9	49.2	52.6	77.7	47.9	54.1	77.6	48.9
7.	19.00-20.00	47.5	59.6	46.4	47.8	69.6	45.9	49.5	60.9	47.9	56.3	85.4	45.5
8.	20.00-21.00	48.2	71.5	46.9	45.7	57.6	44.7	48.7	62.6	46.6	49.2	78.0	45.0
9.	21.00-22.00	48.1	58.6	46.0	44.6	64.3	42.7	49.0	62.8	46.6	47.0	68.7	43.6
10.	22.00-23.00	47.5	61.8	46.3	44.5	61.6	43.0	48.8	57.9	46.9	49.3	71.9	46.0
11.	23.00-00.00	47.9	64.0	46.5	45.2	56.8	43.7	49.3	61.1	47.5	48.8	61.1	47.0
12.	00.00-01.00	49.8	61.4	46.6	45.1	58.6	43.2	47.8	61.7	46.0	48.4	59.6	47.3
13.	01.00-02.00	47.3	59.7	45.8	43.8	59.6	41.5	47.4	66.5	46.2	46.8	63.4	45.8
14.	02.00-03.00	49.2	62.6	46.1	43.2	61.2	41.4	47.7	59.2	46.7	47.1	59.0	46.1
15.	03.00-04.00	50.8	63.5	47.4	43.0	58.9	41.9	47.1	60.3	46.1	46.9	58.2	45.9
16.	04.00-05.00	47.1	56.0	45.8	44.6	69.9	42.6	47.5	63.1	46.2	48.2	66.8	44.3
17.	05.00-06.00	50.7	72.8	46.5	49.6	78.8	44.8	50.8	71.6	47.6	48.3	69.5	44.9
18.	06.00-07.00	58.5	82.0	48.6	56.5	82.0	46.8	52.4	73.7	49.0	51.1	67.0	44.8
19.	07.00-08.00	68.6	79.5	68.0	68.4	79.3	68.2	68.1	80.4	68.1	67.1	80.1	66.2
20.	08.00-09.00	69.0	72.0	68.4	68.8	85.8	68.2	68.6	80.9	67.9	66.4	81.1	64.7
21.	09.00-10.00	68.7	78.5	68.0	68.7	80.5	68.1	68.5	81.8	68.0	65.9	77.1	64.7
22.	10.00-11.00	68.7	85.4	67.7	68.4	77.5	67.9	69.8	97.1	67.3	66.6	76.1	64.8
23.	11.00-12.00	68.1	80.0	67.8	68.5	71.7	68.0	68.0	86.9	67.0	66.5	78.6	65.0
24.	12.00-13.00	68.3	69.8	67.8	67.8	69.9	67.4	67.7	79.4	66.9	67.1	79.6	65.4
Leq 24 hr		64.7	-	-	63.8	-	-	64.9	-	-	63.4	-	-
Lmax		-	86.5	-	-	85.8	-	-	97.1	-	-	86.7	-
Standard ⁽¹⁾⁽²⁾		70	115	-	70	115	-	70	115	-	70	115	-
Ldn		65.4	-	-	64.2	-	-	65.2	-	-	63.9	-	-

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

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

Coordinates : 47P 0717341 UTM 1489767

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager



TEST REPORT

Customer Name : บริษัท ไทยเมทัลโปรดิวส์ จำกัด/TMP

Report No. : 0425/2023/19-23

Project : โครงการผลิตลวดทองแดงส่วนขยาย ครั้งที่ 1

Report Date : February 24, 2023

Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม

Sampling Date : February 10-17, 2023

อำเภอบางปะกง จังหวัดฉะเชิงเทรา

Type of Sample : Sound Level

Contact : Tel. (038) 573 231-5

Job No. : S660063/Feb/1

Item	Sampling Time	Result (dB(A))								
		ริมรั้วหลังโรงงาน								
		14-15/02/23			15-16/02/23			16-17/02/23		
		Leq	Lmax	L ₉₀	Leq	Lmax	L ₉₀	Leq	Lmax	L ₉₀
1.	13.00-14.00	67.8	79.3	66.2	65.8	84.3	62.5	67.1	84.5	65.3
2.	14.00-15.00	66.8	79.4	65.2	65.6	84.6	62.7	65.7	85.3	64.2
3.	15.00-16.00	67.0	83.7	65.3	66.7	78.7	64.9	66.3	80.3	64.7
4.	16.00-17.00	67.1	78.8	65.5	68.0	84.0	66.2	66.0	84.4	64.6
5.	17.00-18.00	61.7	81.0	53.3	63.8	82.2	55.9	60.8	86.1	55.3
6.	18.00-19.00	51.2	57.0	50.0	56.9	80.3	49.7	49.3	77.8	44.8
7.	19.00-20.00	52.2	58.7	51.0	57.6	85.4	49.1	46.6	66.7	44.2
8.	20.00-21.00	50.0	66.2	44.4	51.4	61.3	50.3	50.2	85.9	45.6
9.	21.00-22.00	47.2	66.9	42.2	51.8	75.0	48.5	49.9	79.1	46.8
10.	22.00-23.00	47.9	75.3	42.0	51.0	76.1	47.1	51.4	80.4	47.6
11.	23.00-00.00	45.8	64.9	42.3	48.3	68.3	44.4	48.3	78.9	45.1
12.	00.00-01.00	47.9	81.7	43.7	49.0	70.9	44.6	50.4	79.4	48.8
13.	01.00-02.00	46.9	70.8	45.5	50.8	72.8	44.3	53.1	81.6	47.7
14.	02.00-03.00	47.8	66.4	46.1	46.5	72.7	43.5	47.9	64.3	46.9
15.	03.00-04.00	48.9	65.8	43.8	46.4	65.1	43.8	53.6	67.2	47.4
16.	04.00-05.00	46.8	65.0	43.8	47.4	75.5	46.0	48.1	69.8	43.1
17.	05.00-06.00	48.0	65.0	45.7	48.0	56.1	46.7	54.7	84.0	44.3
18.	06.00-07.00	52.0	66.1	46.0	51.6	79.8	48.7	59.3	79.5	48.9
19.	07.00-08.00	66.6	79.0	65.1	66.4	84.6	64.9	66.6	81.9	64.7
20.	08.00-09.00	67.2	79.3	65.6	67.5	80.8	65.7	66.5	77.6	64.7
21.	09.00-10.00	68.5	88.1	65.4	66.6	81.7	64.5	66.6	83.7	65.0
22.	10.00-11.00	67.9	92.7	65.3	67.6	81.2	65.6	67.1	75.8	65.0
23.	11.00-12.00	69.3	90.3	66.2	67.4	81.9	65.5	66.6	76.3	65.3
24.	12.00-13.00	68.1	83.0	66.2	67.4	82.8	65.6	66.8	78.3	65.1
Leq 24 hr		64.1	-	-	63.5	-	-	63.1	-	-
Lmax		-	92.7	-	-	85.4	-	-	86.1	-
Standard ⁽¹⁾⁽²⁾		70	115	-	70	115	-	70	115	-
Ldn		64.5	-	-	64.0	-	-	64.5	-	-

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

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

Coordinates : 47P 0717341 UTM 1489767

Wannasiri S.

Wannasiri Suriyawong



Somchai F.

Somchai Piyavorasakul
General Manager



TEST REPORT

Customer Name : บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP

Report No. : 0425/2023/20-23

Project : โครงการผลิตขวดทองแดงส่วนขยาย ครั้งที่ 1

Report Date : February 24, 2023

Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม

Sampling Date : February 10-17, 2023

อำเภอบางปะกง จังหวัดฉะเชิงเทรา

Type of Sample : Sound Level

Contact : Tel. (038) 573 231-5

Job No. : S660063/Feb/1

Item	Sampling Time	Result (dB(A))											
		บ้านใกล้ด้านหน้าโครงการ											
		10-11/02/23			11-12/02/23			12-13/02/23			13-14/02/23		
		Leq	Lmax	L ₉₀	Leq	Lmax	L ₉₀	Leq	Lmax	L ₉₀	Leq	Lmax	L ₉₀
1.	13.00-14.00	55.9	85.9	50.3	53.4	79.0	50.1	52.7	75.7	49.0	51.5	72.4	47.4
2.	14.00-15.00	52.0	70.5	48.5	52.8	76.1	49.1	52.7	67.2	49.1	51.0	76.3	48.1
3.	15.00-16.00	52.7	71.8	50.1	54.5	80.0	49.6	51.6	69.3	48.1	53.2	77.0	49.5
4.	16.00-17.00	53.9	78.5	50.6	60.5	79.6	52.9	56.5	77.1	49.7	51.9	74.7	48.8
5.	17.00-18.00	53.8	83.0	50.4	60.1	81.4	50.1	57.0	96.5	48.5	53.1	75.4	48.7
6.	18.00-19.00	58.6	74.8	50.2	53.8	73.4	49.5	52.1	74.0	47.5	56.7	79.3	49.8
7.	19.00-20.00	53.3	77.5	50.1	54.8	75.9	50.7	52.3	72.0	48.7	60.0	74.7	52.3
8.	20.00-21.00	56.5	77.2	49.9	52.2	71.5	48.6	51.4	72.3	49.0	57.5	80.7	48.9
9.	21.00-22.00	56.7	86.8	48.6	51.3	70.7	49.3	51.3	69.2	49.3	53.3	75.2	50.5
10.	22.00-23.00	51.0	69.9	48.7	48.9	71.2	45.3	51.5	75.1	48.7	54.0	72.8	49.7
11.	23.00-00.00	50.2	74.1	47.8	46.8	67.0	44.0	56.3	75.0	57.2	50.5	68.0	47.9
12.	00.00-01.00	49.6	67.9	48.1	46.4	62.2	44.7	57.7	71.2	57.3	49.7	70.0	45.4
13.	01.00-02.00	49.2	66.8	48.3	46.2	69.0	43.5	56.5	69.5	56.5	48.0	70.5	44.2
14.	02.00-03.00	50.8	66.1	48.6	47.4	65.0	45.0	49.8	65.4	48.0	45.4	61.5	42.9
15.	03.00-04.00	49.0	69.1	47.7	46.1	59.7	45.0	48.4	68.5	47.3	45.6	64.5	43.2
16.	04.00-05.00	51.4	63.8	48.7	45.4	70.3	42.6	52.1	59.5	50.1	45.9	68.3	43.3
17.	05.00-06.00	49.0	58.0	48.3	44.2	61.9	41.7	54.1	62.2	54.0	46.3	64.3	44.0
18.	06.00-07.00	47.5	62.5	46.3	47.3	71.4	45.6	48.1	61.4	46.9	45.4	59.0	44.5
19.	07.00-08.00	49.7	71.3	46.9	49.3	65.9	47.6	52.4	91.0	47.0	44.1	69.6	41.0
20.	08.00-09.00	56.5	78.0	49.0	54.4	77.3	47.6	56.5	78.4	51.0	45.1	70.7	43.3
21.	09.00-10.00	54.5	81.0	48.4	52.3	71.6	47.9	53.7	71.7	50.2	47.2	65.2	45.5
22.	10.00-11.00	52.0	77.3	47.8	51.1	69.5	47.3	54.2	73.9	48.0	50.6	71.3	46.7
23.	11.00-12.00	52.2	77.2	48.7	51.3	69.7	46.6	51.3	66.8	46.1	53.3	76.6	47.0
24.	12.00-13.00	53.5	74.8	49.7	51.4	69.3	47.1	51.0	74.1	46.2	51.4	70.9	47.5
Leq 24 hr		53.5	-	-	53.2	-	-	53.8	-	-	52.6	-	-
Lmax		-	86.8	-	-	81.4	-	-	96.5	-	-	80.7	-
Standard ⁽¹⁾⁽²⁾		70	115	-	70	115	-	70	115	-	70	115	-
Ldn		57.4	-	-	55.7	-	-	60.3	-	-	56.5	-	-

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

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

Coordinates : 47P 0717358 UTM 1489985

Wannasiri S.

Wannasiri Suriyawong



Somchai F.

Somchai Piyavorasakul
General Manager



TEST REPORT

Customer Name : บริษัท ไทยเมทัลโปรดเซสซิ่ง จำกัด/TMP

Report No. : 0425/2023/21-23

Project : โครงการผลิตขวดทองแดงส่วนขยาย ครั้งที่ 1

Report Date : February 24, 2023

Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม

Sampling Date : February 10-17, 2023

อำเภอบางปะกง จังหวัดฉะเชิงเทรา

Type of Sample : Sound Level

Contact : Tel. (038) 573 231-5

Job No. : S660063/Feb/1

Item	Sampling Time	Result (dB(A))								
		บ้านใกล้ด้านหน้าโครงการ								
		14-15/02/23			15-16/02/23			16-17/02/23		
		Leq	Lmax	L ₉₀	Leq	Lmax	L ₉₀	Leq	Lmax	L ₉₀
1.	13.00-14.00	50.0	68.8	45.6	53.1	73.0	46.4	55.5	78.1	50.8
2.	14.00-15.00	51.1	69.0	47.4	50.1	66.1	45.7	58.7	73.1	51.7
3.	15.00-16.00	50.8	73.1	46.4	50.2	73.4	45.5	59.2	83.2	50.9
4.	16.00-17.00	52.2	75.0	48.4	50.7	71.7	46.9	55.2	76.0	48.4
5.	17.00-18.00	51.8	68.4	48.3	51.1	75.6	48.2	54.8	72.4	50.1
6.	18.00-19.00	51.7	71.6	47.6	52.9	76.3	48.7	54.0	77.2	50.0
7.	19.00-20.00	55.8	76.4	49.0	59.6	84.6	48.5	53.2	77.6	49.8
8.	20.00-21.00	56.1	95.8	47.5	56.0	80.5	46.4	52.9	65.9	50.1
9.	21.00-22.00	51.6	73.3	47.4	58.6	72.6	51.2	52.9	99.4	50.4
10.	22.00-23.00	51.6	71.3	48.0	53.8	98.9	49.9	51.4	72.7	49.8
11.	23.00-00.00	50.8	71.6	48.5	50.9	72.2	49.5	51.5	74.7	49.3
12.	00.00-01.00	50.1	68.5	48.3	51.0	74.2	48.9	50.3	72.8	46.3
13.	01.00-02.00	51.0	74.4	48.2	49.8	72.3	45.8	47.7	66.1	46.0
14.	02.00-03.00	57.1	74.3	56.7	47.6	67.6	45.6	48.0	61.8	46.5
15.	03.00-04.00	56.7	69.4	56.1	47.3	60.2	45.8	49.2	72.0	46.8
16.	04.00-05.00	54.3	68.8	51.3	48.9	71.5	46.3	48.1	64.1	46.5
17.	05.00-06.00	48.2	61.3	47.2	47.6	63.6	46.0	51.2	70.7	47.0
18.	06.00-07.00	47.3	67.8	46.0	50.2	70.2	46.3	54.7	81.7	49.7
19.	07.00-08.00	53.0	61.5	53.3	53.7	81.2	49.2	56.7	76.7	51.8
20.	08.00-09.00	51.9	60.7	53.2	56.3	76.2	51.4	56.4	76.3	50.9
21.	09.00-10.00	47.9	60.3	45.9	54.3	75.8	49.0	57.6	75.6	53.5
22.	10.00-11.00	55.0	90.3	47.5	53.5	76.7	49.5	56.7	75.7	52.8
23.	11.00-12.00	54.2	72.3	49.8	53.6	69.4	49.2	53.9	73.5	48.9
24.	12.00-13.00	53.1	73.2	48.6	55.1	74.0	49.3	54.3	72.7	49.2
Leq 24 hr		53.0	-	-	53.6	-	-	54.6	-	-
Lmax		-	95.8	-	-	98.9	-	-	99.4	-
Standard ⁽¹⁾⁽²⁾		70	115	-	70	115	-	70	115	-
Ldn		59.5	-	-	57.6	-	-	58.4	-	-

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

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

Coordinates : 47P 0717358 UTM 1489985

Wannasiri S
Wannasiri Suriyawong



Somchai P.
Somchai Piyavorasakul
General Manager

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



TEST REPORT

Customer Name : บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP

Report No. : 0425/2023/22-23

Project : โครงการผลิตขวดทองแดงส่วนขยาย ครั้งที่ 1

Report Date : February 24, 2023

Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม

Sampling Date : February 10-17, 2023

อำเภอบางปะกง จังหวัดฉะเชิงเทรา

Type of Sample : Sound Level

Contact : Tel. (038) 573 231-5

Job No. : S660063/Feb/1

Item	Sampling Time	Result (dB(A))											
		บ้านใกล้โครงการฝั่งตรงข้ามอาคารโรงหลอม											
		10-11/02/23			11-12/02/23			12-13/02/23			13-14/02/23		
		Leq	Lmax	L ₉₀	Leq	Lmax	L ₉₀	Leq	Lmax	L ₉₀	Leq	Lmax	L ₉₀
1.	13.00-14.00	60.3	91.9	57.5	55.5	73.7	51.1	53.9	70.2	49.0	59.1	89.6	57.7
2.	14.00-15.00	57.8	80.6	56.9	56.1	71.8	50.9	55.1	77.1	49.6	59.8	72.2	58.7
3.	15.00-16.00	58.3	70.8	57.5	55.4	76.8	50.5	56.0	90.7	52.5	60.1	71.8	58.8
4.	16.00-17.00	59.0	72.3	58.4	59.3	87.4	50.1	54.7	82.8	51.8	60.3	70.3	59.1
5.	17.00-18.00	58.8	82.1	57.8	54.4	74.5	49.0	54.8	73.0	51.8	60.0	68.7	58.4
6.	18.00-19.00	57.5	73.7	56.2	54.1	75.5	49.3	54.8	73.8	52.5	59.1	70.3	57.9
7.	19.00-20.00	59.1	74.8	56.9	52.7	74.0	47.1	57.4	78.9	50.3	59.1	67.9	57.6
8.	20.00-21.00	58.9	72.7	57.7	50.6	68.1	45.7	54.5	82.7	50.0	58.3	71.4	57.6
9.	21.00-22.00	60.1	79.1	58.9	49.3	65.5	45.1	55.8	73.0	53.0	58.6	68.3	57.6
10.	22.00-23.00	60.9	70.1	60.2	49.3	69.8	45.2	54.1	76.9	48.1	58.9	66.7	57.8
11.	23.00-00.00	60.5	70.2	59.8	50.2	62.4	46.9	51.2	70.0	48.0	59.2	68.5	58.0
12.	00.00-01.00	58.8	69.5	57.7	52.6	65.7	49.1	50.8	67.0	48.8	59.1	68.8	57.6
13.	01.00-02.00	59.7	74.3	57.2	54.9	72.3	50.9	50.0	61.7	48.3	60.9	68.1	59.3
14.	02.00-03.00	57.5	71.1	57.1	55.1	78.6	51.4	48.6	65.2	46.8	61.5	87.3	58.4
15.	03.00-04.00	58.8	67.7	58.5	55.2	75.8	50.2	48.8	78.9	45.9	59.2	79.5	57.7
16.	04.00-05.00	61.7	71.8	59.8	55.1	71.6	50.9	50.5	71.4	46.4	59.2	75.2	57.9
17.	05.00-06.00	59.6	69.9	59.0	55.1	75.6	50.6	51.6	72.3	47.4	59.3	83.6	57.6
18.	06.00-07.00	60.4	73.5	59.9	54.5	71.1	50.0	52.9	68.9	49.2	59.1	97.1	49.8
19.	07.00-08.00	59.7	77.0	59.0	54.9	73.5	50.3	55.9	80.5	50.0	62.1	90.1	54.2
20.	08.00-09.00	60.3	88.1	58.1	54.1	78.3	50.1	59.6	86.4	56.7	58.5	84.0	51.3
21.	09.00-10.00	59.2	71.4	58.2	54.4	79.4	49.9	58.8	78.8	57.1	55.5	73.8	51.1
22.	10.00-11.00	59.0	75.3	57.6	56.5	73.8	52.8	55.2	73.3	52.1	55.5	74.9	51.6
23.	11.00-12.00	58.4	70.3	57.5	55.3	75.9	52.1	59.8	81.4	57.4	55.1	71.6	51.3
24.	12.00-13.00	60.4	78.9	58.3	55.1	80.5	49.9	58.5	76.4	57.2	54.7	74.4	49.9
Leq 24 hr		59.5	-	-	54.7	-	-	55.4	-	-	59.2	-	-
Lmax		-	91.9	-	-	87.4	-	-	90.7	-	-	97.1	-
Standard ⁽¹⁾⁽²⁾		70	115	-	70	115	-	70	115	-	70	115	-
Ldn		66.2	-	-	60.6	-	-	59.0	-	-	66.0	-	-

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

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

Coordinates : 47P 0717335 UTM 1489847

Wannasiri S.
Wannasiri Suriyawong

Somchai P.
Somchai Piyavorasakul
General Manager

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TEST REPORT

Customer Name : บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP

Report No. : 0425/2023/23-23

Project : โครงการผลิตลวดทองแดงส่วนขยาย ครั้งที่ 1

Report Date : February 24, 2023

Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม

Sampling Date : February 10-17, 2023

อำเภอบางปะกง จังหวัดฉะเชิงเทรา

Type of Sample : Sound Level

Contact : Tel. (038) 573 231-5

Job No. : S660063/Feb/1

Item	Sampling Time	Result (dB(A))								
		บ้านใกล้โครงการฝั่งตรงข้ามอาคารโรงหลอม								
		14-15/02/23			15-16/02/23			16-17/02/23		
		Leq	Lmax	L ₉₀	Leq	Lmax	L ₉₀	Leq	Lmax	L ₉₀
1.	13.00-14.00	55.7	87.3	49.5	55.9	72.3	50.5	58.1	77.2	51.5
2.	14.00-15.00	54.5	79.1	47.9	54.0	70.8	49.6	56.7	70.8	51.2
3.	15.00-16.00	53.5	82.5	47.0	55.0	73.5	50.1	57.1	76.0	49.8
4.	16.00-17.00	52.6	77.2	46.0	54.3	69.7	51.4	54.3	71.6	48.2
5.	17.00-18.00	50.8	70.6	45.1	56.0	76.4	51.3	52.0	66.0	47.3
6.	18.00-19.00	51.5	63.5	45.0	52.5	75.3	47.5	52.9	70.5	46.9
7.	19.00-20.00	47.9	66.4	44.2	51.8	72.9	48.0	54.0	78.6	46.7
8.	20.00-21.00	49.2	62.8	44.1	53.5	80.7	49.0	55.1	73.7	51.0
9.	21.00-22.00	52.1	71.4	47.1	56.9	82.0	48.5	54.7	71.3	50.5
10.	22.00-23.00	50.2	65.0	45.5	51.5	74.0	47.6	55.1	73.3	51.0
11.	23.00-00.00	48.0	61.2	44.6	51.3	74.2	46.5	53.9	74.7	49.5
12.	00.00-01.00	51.5	68.5	44.8	50.2	73.2	46.3	52.8	74.0	47.5
13.	01.00-02.00	50.2	67.8	44.5	53.6	74.3	47.6	51.3	69.8	45.9
14.	02.00-03.00	49.1	63.2	45.1	53.1	71.8	48.1	50.6	70.9	47.6
15.	03.00-04.00	53.5	67.6	49.2	53.2	76.2	46.4	51.9	72.0	45.6
16.	04.00-05.00	51.7	64.7	47.6	56.6	86.6	48.5	53.0	71.3	48.7
17.	05.00-06.00	52.8	66.2	49.2	54.4	76.2	49.5	52.9	67.4	48.9
18.	06.00-07.00	56.2	83.1	51.6	57.0	83.3	48.4	55.5	78.6	51.1
19.	07.00-08.00	59.4	85.7	51.4	56.0	75.5	50.1	54.8	75.8	51.3
20.	08.00-09.00	56.0	81.7	53.2	57.1	74.2	51.3	55.1	72.7	50.6
21.	09.00-10.00	57.2	90.1	53.8	57.7	70.2	51.5	55.0	71.6	50.6
22.	10.00-11.00	55.4	74.6	52.3	58.0	74.1	51.2	55.6	77.2	49.6
23.	11.00-12.00	57.0	79.3	53.6	54.8	75.0	49.8	56.5	75.5	49.8
24.	12.00-13.00	54.7	87.8	51.2	55.8	78.7	50.5	54.9	69.1	49.5
Leq 24 hr		54.0	-	-	55.1	-	-	54.7	-	-
Lmax		-	90.1	-	-	86.6	-	-	78.6	-
Standard ⁽¹⁾⁽²⁾		70	115	-	70	115	-	70	115	-
Ldn		59.1	-	-	60.7	-	-	60.1	-	-

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

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

Coordinates : 47P 0717335 UTM 1489847

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager

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Thai Environmental Technic Limited

บริษัท เทคโนโลยีสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP
 Project : โครงการผลิตขวดทองแดงส่วนขยายครั้งที่ 1
 Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม
 อำเภอบางปะกง จังหวัดฉะเชิงเทรา
 Contact : Tel. (038)-573 231-5
 Job No. : S660063/Feb/1

Report No. : 0425/2023/1-7
 Report Date : February 24, 2023
 Sampling Date : February 10-17, 2023
 Type of Sample : Sound Level

(1/1-3)

บ้านใกล้โครงการฝั่งตรงข้ามอาคารโรงหลอม														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		10-11/02/23					10-11/02/23					10-11/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
1.	13.00	64.3	91.9	57.9	37.	16.00	58.6	67.1	58.0	73.	19.00	56.8	63.6	55.9
2.	13.05	58.1	64.0	57.2	38.	16.05	58.8	67.2	58.3	74.	19.05	57.5	68.9	56.2
3.	13.10	58.7	65.4	57.1	39.	16.10	59.7	69.8	58.6	75.	19.10	59.4	67.3	58.0
4.	13.15	60.4	66.7	58.3	40.	16.15	59.1	67.1	58.5	76.	19.15	58.9	67.9	56.7
5.	13.20	59.0	65.1	57.9	41.	16.20	59.3	67.3	58.6	77.	19.20	57.7	69.2	56.5
6.	13.25	59.7	68.6	57.5	42.	16.25	60.2	72.2	59.1	78.	19.25	57.3	74.8	56.2
7.	13.30	64.4	71.5	57.8	43.	16.30	59.6	70.3	58.5	79.	19.30	57.6	68.9	56.4
8.	13.35	59.8	68.8	58.2	44.	16.35	59.2	72.3	58.4	80.	19.35	58.3	73.8	57.1
9.	13.40	58.4	69.5	57.4	45.	16.40	58.6	63.9	58.0	81.	19.40	59.4	67.4	57.3
10.	13.45	58.0	62.6	57.1	46.	16.45	58.3	60.7	57.9	82.	19.45	61.5	68.3	59.3
11.	13.50	57.5	66.7	56.8	47.	16.50	58.4	66.6	57.8	83.	19.50	61.9	69.9	59.3
12.	13.55	57.2	67.3	56.2	48.	16.55	58.4	71.4	57.7	84.	19.55	59.6	68.0	58.0
13.	14.00	57.2	66.2	56.2	49.	17.00	58.6	63.5	57.8	85.	20.00	58.9	70.0	57.7
14.	14.05	56.7	61.0	56.2	50.	17.05	58.5	72.3	57.8	86.	20.05	58.7	65.3	57.5
15.	14.10	57.1	60.7	56.5	51.	17.10	58.2	63.4	57.4	87.	20.10	59.2	67.4	57.8
16.	14.15	57.5	62.7	56.9	52.	17.15	60.5	82.1	58.6	88.	20.15	58.6	67.1	57.3
17.	14.20	58.5	74.7	57.0	53.	17.20	58.7	63.6	58.1	89.	20.20	58.2	68.0	57.1
18.	14.25	58.3	70.8	57.1	54.	17.25	58.6	62.0	58.1	90.	20.25	58.0	65.4	57.0
19.	14.30	58.0	68.6	57.4	55.	17.30	59.6	67.6	58.2	91.	20.30	58.0	66.4	56.7
20.	14.35	57.6	69.6	57.0	56.	17.35	58.6	71.2	57.8	92.	20.35	59.1	72.3	57.7
21.	14.40	59.1	80.6	56.8	57.	17.40	59.9	81.1	57.8	93.	20.40	59.6	72.7	58.0
22.	14.45	57.2	59.5	56.8	58.	17.45	58.2	66.9	57.7	94.	20.45	59.9	65.8	59.1
23.	14.50	57.4	63.8	56.9	59.	17.50	58.2	66.3	57.7	95.	20.50	59.4	67.6	58.4
24.	14.55	58.2	64.2	57.5	60.	17.55	57.9	68.6	57.1	96.	20.55	59.5	68.9	58.3
25.	15.00	58.6	63.6	57.8	61.	18.00	57.7	66.0	56.8	97.	21.00	60.1	68.9	59.0
26.	15.05	57.5	60.2	56.9	62.	18.05	58.9	73.7	56.1	98.	21.05	60.0	68.8	59.0
27.	15.10	58.1	70.8	56.8	63.	18.10	57.4	63.5	56.2	99.	21.10	60.3	65.3	59.5
28.	15.15	57.3	69.2	56.5	64.	18.15	56.8	62.5	56.0	100.	21.15	59.9	68.8	58.0
29.	15.20	57.0	62.5	56.4	65.	18.20	56.6	60.2	56.2	101.	21.20	58.2	63.7	57.5
30.	15.25	57.8	64.1	57.0	66.	18.25	56.3	62.0	55.9	102.	21.25	59.4	79.1	57.7
31.	15.30	58.3	69.0	57.2	67.	18.30	56.9	70.7	56.2	103.	21.30	60.0	74.3	58.6
32.	15.35	58.8	68.6	57.7	68.	18.35	57.1	70.1	56.1	104.	21.35	60.0	69.2	58.5
33.	15.40	58.6	68.3	57.7	69.	18.40	57.2	63.4	56.5	105.	21.40	60.3	66.5	59.0
34.	15.45	58.7	62.9	58.0	70.	18.45	57.9	66.1	56.9	106.	21.45	60.6	67.2	59.7
35.	15.50	58.8	66.7	58.1	71.	18.50	57.9	71.6	56.3	107.	21.50	61.6	77.6	58.8
36.	15.55	60.0	66.5	58.9	72.	18.55	58.3	71.4	56.4	108.	21.55	60.8	69.8	59.2



Thai Environmental Technic Limited
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(1/2-3)

บ้านใกล้โครงการฝั่งตรงข้ามอาคารโรงหลอม														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		10-11/02/23					10-11/02/23					10-11/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
109.	22.00	60.0	67.4	58.9	145.	01.00	57.8	68.3	56.0	181.	04.00	61.1	68.0	59.6
110.	22.05	60.5	66.2	59.4	146.	01.05	57.0	59.7	56.5	182.	04.05	60.0	63.2	59.6
111.	22.10	61.1	66.9	60.2	147.	01.10	58.1	67.7	57.1	183.	04.10	60.2	66.4	59.6
112.	22.15	61.4	70.0	60.2	148.	01.15	57.9	66.8	57.4	184.	04.15	60.8	67.5	60.2
113.	22.20	60.8	69.5	59.7	149.	01.20	57.7	67.9	57.2	185.	04.20	64.4	70.4	61.7
114.	22.25	60.9	68.6	59.6	150.	01.25	57.7	65.2	57.2	186.	04.25	66.2	71.8	63.6
115.	22.30	61.2	70.1	60.1	151.	01.30	57.1	59.3	56.8	187.	04.30	61.2	67.2	60.6
116.	22.35	61.2	65.6	60.7	152.	01.35	57.2	59.1	56.9	188.	04.35	60.5	64.3	59.7
117.	22.40	61.6	69.1	61.0	153.	01.40	58.7	64.2	57.6	189.	04.40	59.6	65.8	59.3
118.	22.45	61.1	69.8	60.3	154.	01.45	62.7	68.3	60.6	190.	04.45	59.8	65.6	59.3
119.	22.50	60.6	66.4	60.0	155.	01.50	65.3	74.3	58.4	191.	04.50	60.4	64.1	59.9
120.	22.55	60.9	67.0	60.3	156.	01.55	58.0	66.5	57.5	192.	04.55	60.1	65.8	59.8
121.	23.00	61.6	69.0	60.7	157.	02.00	57.8	63.0	57.2	193.	05.00	60.2	66.7	59.7
122.	23.05	61.8	68.0	60.5	158.	02.05	57.4	60.6	57.1	194.	05.05	60.0	64.0	59.6
123.	23.10	60.7	68.6	60.0	159.	02.10	57.5	62.8	57.0	195.	05.10	60.0	69.9	59.5
124.	23.15	60.7	69.3	59.8	160.	02.15	57.6	64.7	57.3	196.	05.15	59.8	61.8	59.5
125.	23.20	60.9	67.5	60.0	161.	02.20	57.5	63.9	57.1	197.	05.20	59.7	65.2	59.0
126.	23.25	60.6	70.2	59.8	162.	02.25	57.5	59.2	57.2	198.	05.25	59.6	63.2	59.0
127.	23.30	60.7	66.5	59.8	163.	02.30	57.8	67.3	57.3	199.	05.30	59.3	64.3	58.8
128.	23.35	59.7	67.6	58.3	164.	02.35	58.1	63.2	57.4	200.	05.35	59.3	66.4	58.9
129.	23.40	59.8	68.0	58.3	165.	02.40	57.2	59.7	56.9	201.	05.40	59.4	66.9	58.8
130.	23.45	59.9	68.9	58.2	166.	02.45	57.3	62.5	56.7	202.	05.45	58.9	64.3	58.5
131.	23.50	59.4	67.8	58.5	167.	02.50	57.5	71.1	56.5	203.	05.50	59.4	63.5	58.8
132.	23.55	59.5	68.1	58.2	168.	02.55	57.2	64.5	56.6	204.	05.55	59.5	61.6	59.1
133.	00.00	60.3	68.7	58.8	169.	03.00	57.4	61.7	56.9	205.	06.00	60.0	70.2	59.5
134.	00.05	60.0	68.1	58.6	170.	03.05	57.6	62.6	57.3	206.	06.05	59.9	62.4	59.5
135.	00.10	59.9	67.3	58.5	171.	03.10	58.4	67.7	57.8	207.	06.10	60.3	68.0	59.9
136.	00.15	59.1	67.4	58.2	172.	03.15	58.1	63.2	57.3	208.	06.15	60.3	62.9	60.0
137.	00.20	59.3	69.5	58.1	173.	03.20	58.4	63.8	57.5	209.	06.20	60.4	66.2	59.9
138.	00.25	59.3	69.0	58.4	174.	03.25	58.9	61.0	58.5	210.	06.25	60.7	63.6	60.4
139.	00.30	57.5	66.9	57.1	175.	03.30	58.9	63.5	58.5	211.	06.30	60.6	64.5	59.9
140.	00.35	57.7	65.4	57.3	176.	03.35	59.2	61.5	58.7	212.	06.35	61.2	63.2	60.7
141.	00.40	57.9	63.7	57.2	177.	03.40	59.5	63.3	59.1	213.	06.40	61.1	73.5	60.5
142.	00.45	58.0	63.9	57.0	178.	03.45	59.3	62.6	58.9	214.	06.45	60.6	64.7	60.0
143.	00.50	58.2	66.5	57.0	179.	03.50	59.7	63.0	59.2	215.	06.50	60.0	66.0	59.5
144.	00.55	57.7	67.3	56.6	180.	03.55	59.5	64.3	59.0	216.	06.55	60.2	66.4	59.6



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บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(1/3-3)

บ้านใกล้โครงการฝั่งตรงข้ามอาคารโรงหลอม														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		10-11/02/23					10-11/02/23					10-11/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
217.	07.00	60.0	67.5	59.5	241.	09.00	60.2	71.4	58.2	265.	11.00	59.7	69.5	58.3
218.	07.05	60.2	63.4	59.7	242.	09.05	59.5	69.5	58.2	266.	11.05	59.7	70.3	58.4
219.	07.10	60.0	65.2	59.6	243.	09.10	58.9	70.4	58.1	267.	11.10	58.8	65.5	58.1
220.	07.15	60.4	65.1	59.1	244.	09.15	59.1	63.3	58.4	268.	11.15	58.6	66.5	57.8
221.	07.20	60.2	64.7	59.0	245.	09.20	59.0	69.8	58.3	269.	11.20	58.0	65.9	57.4
222.	07.25	59.8	66.5	58.9	246.	09.25	58.7	64.1	58.2	270.	11.25	57.6	62.5	57.1
223.	07.30	59.9	66.3	59.2	247.	09.30	59.6	69.7	58.5	271.	11.30	57.8	60.6	57.4
224.	07.35	59.3	63.5	58.6	248.	09.35	59.2	66.9	58.3	272.	11.35	57.9	63.5	57.5
225.	07.40	58.8	68.1	58.1	249.	09.40	58.8	67.0	58.1	273.	11.40	58.3	62.9	57.7
226.	07.45	58.4	62.3	58.1	250.	09.45	59.1	66.7	58.2	274.	11.45	58.0	64.7	57.5
227.	07.50	59.7	71.9	58.2	251.	09.50	58.8	65.0	58.1	275.	11.50	58.3	66.8	57.4
228.	07.55	59.4	77.0	58.3	252.	09.55	59.3	64.9	58.3	276.	11.55	57.8	64.9	57.0
229.	08.00	66.2	82.4	59.7	253.	10.00	60.2	68.2	58.6	277.	12.00	61.9	70.6	56.9
230.	08.05	61.0	68.7	58.5	254.	10.05	60.7	70.2	58.8	278.	12.05	59.3	65.4	57.9
231.	08.10	58.6	63.3	58.1	255.	10.10	59.6	67.1	58.3	279.	12.10	58.3	65.3	57.4
232.	08.15	59.2	88.1	57.6	256.	10.15	59.7	68.9	57.4	280.	12.15	60.8	68.7	58.3
233.	08.20	55.7	82.4	54.9	257.	10.20	57.8	65.9	57.2	281.	12.20	61.7	74.4	59.3
234.	08.25	58.0	87.0	57.4	258.	10.25	57.6	66.3	57.1	282.	12.25	60.9	65.6	59.9
235.	08.30	57.3	84.6	56.2	259.	10.30	59.4	66.2	57.9	283.	12.30	59.5	65.1	58.7
236.	08.35	58.5	66.7	58.1	260.	10.35	58.7	67.2	57.6	284.	12.35	59.7	78.9	58.2
237.	08.40	57.2	83.7	56.3	261.	10.40	58.3	75.3	56.9	285.	12.40	58.8	68.0	58.0
238.	08.45	59.8	72.9	58.0	262.	10.45	58.4	69.3	56.7	286.	12.45	59.0	70.1	58.0
239.	08.50	59.9	71.8	58.3	263.	10.50	58.3	67.8	57.5	287.	12.50	59.2	64.3	58.3
240.	08.55	61.1	72.4	58.8	264.	10.55	58.9	67.8	57.7	288.	12.55	62.8	78.2	59.0

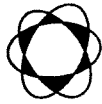
Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager



Thai Environmental Technic Limited

บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP
 Project : โครงการผลิตขวดทองแดงส่วนขยายครั้งที่ 1
 Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม
 อำเภอบางปะกง จังหวัดฉะเชิงเทรา
 Contact : Tel. (038)-573 231-5
 Job No. : S660063/Feb/1

Report No. : 0425/2023/2-7
 Report Date : February 24, 2023
 Sampling Date : February 10-17, 2023
 Type of Sample : Sound Level

(2/1-3)

บ้านใกล้โครงการฝั่งตรงข้ามอาคารโรงหลอม														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		11-12/02/23					11-12/02/23					11-12/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
1.	13.00	58.2	73.7	51.4	37.	16.00	55.4	66.1	50.8	73.	19.00	53.2	68.5	48.5
2.	13.05	55.0	68.1	49.5	38.	16.05	66.8	87.4	54.4	74.	19.05	52.1	65.9	47.5
3.	13.10	53.1	60.6	51.0	39.	16.10	60.7	79.1	53.0	75.	19.10	52.8	66.5	47.2
4.	13.15	55.8	68.8	51.5	40.	16.15	58.4	82.3	51.6	76.	19.15	53.1	62.3	48.2
5.	13.20	55.1	66.4	51.1	41.	16.20	58.4	74.0	53.3	77.	19.20	52.1	63.6	47.5
6.	13.25	54.5	61.7	50.7	42.	16.25	58.4	74.5	52.7	78.	19.25	51.1	61.8	47.7
7.	13.30	54.7	67.2	51.2	43.	16.30	53.7	66.1	48.1	79.	19.30	55.1	74.0	47.0
8.	13.35	56.0	65.6	51.5	44.	16.35	54.2	67.4	49.4	80.	19.35	52.1	64.4	46.9
9.	13.40	55.9	67.6	50.5	45.	16.40	54.4	69.7	49.1	81.	19.40	53.2	68.3	46.5
10.	13.45	54.1	63.8	50.8	46.	16.45	55.5	68.7	48.8	82.	19.45	53.0	70.3	46.7
11.	13.50	55.2	69.4	50.7	47.	16.50	53.7	66.1	48.3	83.	19.50	52.5	69.8	46.2
12.	13.55	55.9	72.0	52.4	48.	16.55	56.7	75.8	48.5	84.	19.55	50.7	61.2	46.0
13.	14.00	55.6	68.6	50.8	49.	17.00	54.7	69.2	49.5	85.	20.00	49.5	61.6	45.9
14.	14.05	54.3	64.0	50.0	50.	17.05	54.3	73.2	49.5	86.	20.05	48.8	60.3	45.0
15.	14.10	54.4	66.1	49.7	51.	17.10	52.3	66.5	48.6	87.	20.10	53.3	68.1	45.7
16.	14.15	54.9	68.2	50.0	52.	17.15	52.4	63.5	48.1	88.	20.15	50.9	65.6	45.7
17.	14.20	55.8	67.1	51.3	53.	17.20	53.9	64.7	49.1	89.	20.20	51.8	63.4	45.9
18.	14.25	54.4	65.1	50.9	54.	17.25	53.4	63.6	48.5	90.	20.25	49.6	59.6	46.2
19.	14.30	54.6	61.7	50.7	55.	17.30	54.6	62.8	48.8	91.	20.30	50.3	62.9	45.6
20.	14.35	54.6	66.5	50.9	56.	17.35	54.9	68.2	48.8	92.	20.35	51.5	63.0	45.3
21.	14.40	56.0	64.5	52.7	57.	17.40	56.7	71.6	50.8	93.	20.40	50.0	64.3	45.5
22.	14.45	56.9	65.0	53.5	58.	17.45	55.3	74.5	48.4	94.	20.45	50.4	64.0	46.3
23.	14.50	59.3	71.8	55.5	59.	17.50	54.2	66.9	49.1	95.	20.50	49.1	60.0	45.3
24.	14.55	58.7	66.5	55.2	60.	17.55	54.3	64.6	50.7	96.	20.55	49.6	64.3	45.1
25.	15.00	58.6	71.0	54.3	61.	18.00	54.1	64.6	50.4	97.	21.00	48.1	56.1	45.4
26.	15.05	54.9	64.3	51.3	62.	18.05	54.1	64.1	50.2	98.	21.05	50.2	62.8	45.5
27.	15.10	55.8	69.0	50.5	63.	18.10	55.0	64.8	50.0	99.	21.10	47.7	55.9	45.1
28.	15.15	55.0	70.2	50.5	64.	18.15	55.9	75.5	50.8	100.	21.15	47.6	59.1	45.1
29.	15.20	55.1	73.8	50.9	65.	18.20	54.0	68.6	49.9	101.	21.20	47.5	62.9	44.8
30.	15.25	55.5	67.7	50.0	66.	18.25	53.3	69.2	48.8	102.	21.25	51.9	65.5	45.4
31.	15.30	54.6	76.7	50.5	67.	18.30	54.6	70.0	49.0	103.	21.30	51.0	63.9	44.9
32.	15.35	55.5	69.7	50.1	68.	18.35	56.2	67.8	49.4	104.	21.35	49.0	60.1	45.1
33.	15.40	55.5	64.7	50.4	69.	18.40	52.4	61.5	49.2	105.	21.40	49.9	62.9	45.1
34.	15.45	52.4	61.0	49.0	70.	18.45	52.3	67.0	48.4	106.	21.45	48.0	59.3	44.5
35.	15.50	53.9	64.8	50.3	71.	18.50	52.3	59.7	49.2	107.	21.50	49.6	61.5	45.3
36.	15.55	55.5	76.8	50.1	72.	18.55	52.6	62.4	49.0	108.	21.55	49.0	58.8	45.1



Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(2/2-3)

บ้านใกล้โครงการฝั่งตรงข้ามอาคารโรงหลอม														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		11-12/02/23					11-12/02/23					11-12/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
109.	22.00	47.8	61.1	44.8	145.	01.00	53.6	65.5	49.6	181.	04.00	55.2	65.0	51.5
110.	22.05	53.3	69.8	45.2	146.	01.05	54.2	63.1	49.7	182.	04.05	54.3	63.6	51.3
111.	22.10	47.4	56.6	44.5	147.	01.10	54.5	66.4	49.8	183.	04.10	55.2	69.9	50.5
112.	22.15	48.2	61.6	44.4	148.	01.15	53.1	64.6	49.4	184.	04.15	57.2	70.8	50.9
113.	22.20	49.6	62.1	45.1	149.	01.20	55.4	66.4	51.0	185.	04.20	55.4	70.4	50.9
114.	22.25	46.6	56.1	44.0	150.	01.25	54.9	68.5	50.7	186.	04.25	53.4	61.3	50.5
115.	22.30	48.6	57.2	44.9	151.	01.30	54.9	70.8	51.0	187.	04.30	54.6	62.8	50.6
116.	22.35	48.7	58.6	45.7	152.	01.35	57.3	72.3	51.6	188.	04.35	57.1	71.6	50.8
117.	22.40	49.2	58.3	45.7	153.	01.40	53.8	61.6	50.5	189.	04.40	54.0	62.2	50.1
118.	22.45	47.6	56.8	45.8	154.	01.45	55.1	65.8	51.5	190.	04.45	54.8	68.3	51.0
119.	22.50	50.2	61.5	46.2	155.	01.50	55.6	70.0	51.4	191.	04.50	54.5	64.0	51.4
120.	22.55	49.6	69.5	46.1	156.	01.55	55.5	67.9	51.6	192.	04.55	53.2	59.2	50.5
121.	23.00	48.4	60.4	46.1	157.	02.00	55.4	72.4	51.1	193.	05.00	54.0	67.3	50.3
122.	23.05	50.8	59.4	47.1	158.	02.05	58.2	78.6	51.7	194.	05.05	54.4	64.4	50.3
123.	23.10	48.9	58.7	46.0	159.	02.10	55.3	64.6	52.4	195.	05.10	55.0	62.7	51.1
124.	23.15	50.7	60.4	47.3	160.	02.15	55.2	62.0	52.2	196.	05.15	53.9	62.4	50.6
125.	23.20	48.7	56.6	45.9	161.	02.20	54.4	64.9	51.8	197.	05.20	58.5	71.3	50.6
126.	23.25	50.4	61.2	46.3	162.	02.25	55.6	67.9	51.3	198.	05.25	55.4	67.5	50.8
127.	23.30	49.0	57.5	46.2	163.	02.30	54.4	66.6	50.9	199.	05.30	54.9	68.2	51.5
128.	23.35	49.1	57.2	46.6	164.	02.35	55.2	65.5	51.1	200.	05.35	56.9	75.6	50.4
129.	23.40	50.7	57.1	47.3	165.	02.40	53.9	61.4	51.7	201.	05.40	53.3	59.4	49.8
130.	23.45	51.4	62.4	47.4	166.	02.45	53.7	63.0	51.2	202.	05.45	54.5	67.5	50.6
131.	23.50	51.7	60.4	48.0	167.	02.50	54.0	61.5	51.5	203.	05.50	54.1	66.1	49.8
132.	23.55	51.4	60.4	48.1	168.	02.55	54.4	70.9	50.2	204.	05.55	53.4	62.5	50.6
133.	00.00	51.6	59.3	48.2	169.	03.00	54.0	64.6	50.2	205.	06.00	53.2	60.5	50.0
134.	00.05	52.9	61.7	49.3	170.	03.05	56.7	75.8	49.4	206.	06.05	53.1	60.1	49.8
135.	00.10	53.1	62.5	48.8	171.	03.10	59.6	72.7	51.8	207.	06.10	53.0	59.4	49.9
136.	00.15	52.7	63.9	49.6	172.	03.15	53.2	65.6	50.2	208.	06.15	53.8	62.4	49.3
137.	00.20	53.0	62.3	49.2	173.	03.20	53.7	63.1	49.6	209.	06.20	54.4	60.8	50.9
138.	00.25	52.3	61.8	49.1	174.	03.25	53.2	66.2	49.6	210.	06.25	57.9	71.1	51.6
139.	00.30	51.6	57.9	48.5	175.	03.30	53.7	61.9	49.7	211.	06.30	53.5	61.5	49.3
140.	00.35	52.1	58.6	48.9	176.	03.35	54.1	69.2	49.8	212.	06.35	54.9	67.0	49.8
141.	00.40	52.2	60.1	49.4	177.	03.40	54.6	71.7	50.8	213.	06.40	54.4	67.8	50.0
142.	00.45	53.1	61.3	49.3	178.	03.45	55.5	67.3	50.4	214.	06.45	54.3	62.5	50.8
143.	00.50	52.3	61.0	49.1	179.	03.50	54.8	62.3	51.4	215.	06.50	54.1	64.1	50.3
144.	00.55	54.0	65.7	48.9	180.	03.55	54.8	63.4	52.2	216.	06.55	54.5	65.5	50.0

**TET**

Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(2/3-3)

บ้านใกล้โครงการฝังตรงข้ามอาคารโรงหลอม														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		11-12/02/23					11-12/02/23					11-12/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
217.	07.00	54.5	64.5	51.2	241.	09.00	54.4	65.3	49.8	265.	11.00	57.2	65.5	54.4
218.	07.05	53.5	62.9	50.1	242.	09.05	53.9	66.7	50.0	266.	11.05	55.4	63.7	52.9
219.	07.10	55.4	73.5	51.0	243.	09.10	51.7	56.5	49.2	267.	11.10	55.3	64.6	52.3
220.	07.15	55.4	66.9	51.2	244.	09.15	54.7	69.9	49.5	268.	11.15	54.4	62.7	51.1
221.	07.20	54.5	61.6	49.8	245.	09.20	53.1	67.3	49.5	269.	11.20	54.7	62.6	52.2
222.	07.25	53.7	64.1	49.5	246.	09.25	53.4	60.8	50.0	270.	11.25	57.7	75.9	51.9
223.	07.30	56.9	70.1	51.2	247.	09.30	57.1	79.4	50.2	271.	11.30	54.9	65.1	52.4
224.	07.35	55.6	68.4	50.4	248.	09.35	54.1	63.6	49.7	272.	11.35	55.2	63.2	51.9
225.	07.40	55.8	72.1	50.9	249.	09.40	56.5	75.0	50.2	273.	11.40	56.0	64.6	52.7
226.	07.45	53.9	63.8	49.5	250.	09.45	54.3	68.6	50.9	274.	11.45	53.7	64.5	50.6
227.	07.50	54.9	68.8	49.4	251.	09.50	53.0	65.5	49.5	275.	11.50	54.1	60.6	51.4
228.	07.55	54.2	66.2	50.0	252.	09.55	54.0	61.7	50.4	276.	11.55	53.2	59.2	50.6
229.	08.00	54.5	66.3	49.7	253.	10.00	57.8	73.2	51.5	277.	12.00	56.2	69.1	52.4
230.	08.05	53.5	64.8	49.3	254.	10.05	55.4	66.3	51.5	278.	12.05	54.9	65.3	51.0
231.	08.10	54.5	78.3	49.6	255.	10.10	54.4	62.4	51.8	279.	12.10	54.1	64.6	51.2
232.	08.15	54.9	63.6	50.4	256.	10.15	55.9	68.8	51.9	280.	12.15	53.8	60.6	50.9
233.	08.20	54.3	63.9	50.8	257.	10.20	56.4	68.1	52.7	281.	12.20	53.4	60.6	49.7
234.	08.25	54.5	65.9	50.1	258.	10.25	56.2	65.4	53.0	282.	12.25	55.5	68.3	49.8
235.	08.30	53.3	64.2	50.5	259.	10.30	56.4	61.1	53.8	283.	12.30	54.1	69.3	48.6
236.	08.35	54.9	67.6	50.4	260.	10.35	56.7	62.0	54.5	284.	12.35	58.9	80.5	49.2
237.	08.40	52.7	59.1	50.6	261.	10.40	55.9	64.5	52.9	285.	12.40	55.0	71.2	48.7
238.	08.45	52.6	63.4	48.7	262.	10.45	58.4	73.8	53.6	286.	12.45	54.3	65.8	48.9
239.	08.50	54.8	67.6	49.0	263.	10.50	55.3	65.1	51.6	287.	12.50	52.9	60.6	50.0
240.	08.55	53.9	64.5	50.0	264.	10.55	57.4	67.8	53.6	288.	12.55	54.3	66.4	50.6

Wannasiri S.

Wannasiri Suriyawong

*Somchai P.*Somchai Piyavorasakul
General Manager



Thai Environmental Technic Limited

บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP
 Project : โครงการผลิตขวดทองแดงส่วนขยายครั้งที่ 1
 Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม
 อำเภอบางปะกง จังหวัดฉะเชิงเทรา
 Contact : Tel. (038)-573 231-5
 Job No. : S660063/Feb/1

Report No. : 0425/2023/3-7
 Report Date : February 24, 2023
 Sampling Date : February 10-17, 2023
 Type of Sample : Sound Level

(3/1-3)

บ้านใกล้โครงการฝั่งตรงข้ามอาคารโรงหลอม														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		12-13/02/23					12-13/02/23					12-13/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
1.	13.00	54.4	64.3	49.4	37.	16.00	54.9	61.9	53.3	73.	19.00	56.2	63.3	53.0
2.	13.05	56.0	66.2	48.9	38.	16.05	54.9	66.8	51.1	74.	19.05	56.9	64.4	53.6
3.	13.10	54.6	67.6	49.4	39.	16.10	52.4	68.7	49.6	75.	19.10	62.6	76.5	53.6
4.	13.15	54.4	67.5	48.9	40.	16.15	54.5	68.0	48.3	76.	19.15	59.6	69.8	53.2
5.	13.20	54.3	67.7	50.6	41.	16.20	49.5	55.6	47.8	77.	19.20	54.4	67.0	52.6
6.	13.25	53.8	70.2	48.1	42.	16.25	53.2	67.8	48.7	78.	19.25	53.5	71.2	49.3
7.	13.30	53.9	66.4	49.0	43.	16.30	53.8	62.6	52.4	79.	19.30	50.9	60.1	48.7
8.	13.35	53.5	67.3	49.3	44.	16.35	55.3	71.5	51.9	80.	19.35	52.9	62.5	49.2
9.	13.40	51.8	63.5	48.3	45.	16.40	56.5	70.3	51.8	81.	19.40	55.3	71.0	49.3
10.	13.45	52.6	63.8	48.6	46.	16.45	54.4	63.5	52.6	82.	19.45	59.9	78.5	50.1
11.	13.50	53.4	62.1	49.3	47.	16.50	56.9	72.3	51.8	83.	19.50	51.6	60.7	49.8
12.	13.55	52.5	62.8	47.7	48.	16.55	55.8	82.8	52.5	84.	19.55	58.7	78.9	50.5
13.	14.00	52.3	63.2	48.7	49.	17.00	55.9	73.0	51.4	85.	20.00	53.3	65.5	49.4
14.	14.05	53.4	64.6	49.7	50.	17.05	53.9	63.6	52.4	86.	20.05	53.9	64.6	49.7
15.	14.10	57.1	72.1	49.3	51.	17.10	53.2	59.8	51.7	87.	20.10	55.1	69.6	50.2
16.	14.15	53.0	64.6	48.5	52.	17.15	53.7	65.5	51.5	88.	20.15	55.6	68.0	50.2
17.	14.20	56.7	73.4	48.8	53.	17.20	53.4	67.0	51.3	89.	20.20	54.2	66.9	50.1
18.	14.25	56.3	73.5	47.8	54.	17.25	59.0	72.2	52.2	90.	20.25	57.9	82.7	49.4
19.	14.30	53.1	72.2	49.5	55.	17.30	54.2	64.5	52.2	91.	20.30	54.6	67.9	49.4
20.	14.35	55.8	77.1	53.0	56.	17.35	54.3	66.3	51.9	92.	20.35	53.0	66.4	49.4
21.	14.40	54.9	67.5	52.7	57.	17.40	52.9	58.5	51.5	93.	20.40	52.7	59.9	49.8
22.	14.45	55.2	71.8	52.7	58.	17.45	53.9	72.5	51.4	94.	20.45	53.4	61.7	50.8
23.	14.50	55.5	67.8	53.2	59.	17.50	54.6	68.1	51.9	95.	20.50	53.8	60.7	50.5
24.	14.55	54.7	64.7	53.2	60.	17.55	54.2	67.7	52.0	96.	20.55	53.0	62.8	50.8
25.	15.00	53.7	65.1	50.9	61.	18.00	55.0	68.8	52.5	97.	21.00	57.3	69.3	50.8
26.	15.05	54.8	70.6	51.3	62.	18.05	55.2	69.7	52.1	98.	21.05	57.3	68.8	50.8
27.	15.10	55.1	60.9	53.8	63.	18.10	53.5	64.9	51.5	99.	21.10	54.1	66.4	51.0
28.	15.15	56.9	67.8	53.7	64.	18.15	53.2	58.2	51.7	100.	21.15	55.3	69.0	53.4
29.	15.20	60.0	90.7	52.8	65.	18.20	53.4	57.5	52.3	101.	21.20	57.2	73.0	53.5
30.	15.25	57.5	68.4	52.4	66.	18.25	54.3	70.2	52.5	102.	21.25	55.6	70.0	53.1
31.	15.30	56.4	66.8	52.7	67.	18.30	53.9	59.4	52.4	103.	21.30	55.3	66.7	53.6
32.	15.35	54.0	63.7	52.4	68.	18.35	54.4	67.5	52.4	104.	21.35	55.1	68.9	53.0
33.	15.40	54.5	68.5	52.8	69.	18.40	54.4	58.9	53.2	105.	21.40	54.3	62.1	52.8
34.	15.45	55.0	69.1	52.5	70.	18.45	56.2	66.0	52.8	106.	21.45	54.6	67.4	53.0
35.	15.50	54.7	64.1	52.0	71.	18.50	54.0	62.1	52.7	107.	21.50	54.6	68.8	53.1
36.	15.55	54.8	68.2	52.2	72.	18.55	57.9	73.8	53.3	108.	21.55	57.2	68.7	52.6



Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(3/2-3)

บ้านใกล้โครงการฝั่งตรงข้ามอาคารโรงหลอม														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		12-13/02/23					12-13/02/23					12-13/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
109.	22.00	56.5	65.8	52.7	145.	01.00	50.5	59.7	48.7	181.	04.00	47.0	53.0	45.9
110.	22.05	55.7	65.7	52.6	146.	01.05	50.2	60.7	48.8	182.	04.05	49.7	67.6	46.1
111.	22.10	56.2	66.3	49.1	147.	01.10	50.1	58.9	48.5	183.	04.10	49.9	67.7	44.3
112.	22.15	55.3	63.5	48.7	148.	01.15	50.7	60.3	48.7	184.	04.15	47.2	59.8	44.4
113.	22.20	52.0	58.5	47.4	149.	01.20	49.7	54.5	48.4	185.	04.20	53.1	71.4	45.4
114.	22.25	51.2	66.0	47.8	150.	01.25	49.4	57.5	47.7	186.	04.25	49.3	57.3	46.5
115.	22.30	49.7	64.9	46.9	151.	01.30	49.4	57.6	48.1	187.	04.30	49.4	61.0	46.2
116.	22.35	53.0	61.5	48.2	152.	01.35	49.1	55.2	48.0	188.	04.35	50.6	67.6	46.7
117.	22.40	54.2	68.9	48.4	153.	01.40	51.4	61.6	48.6	189.	04.40	50.4	63.9	46.7
118.	22.45	52.0	63.3	47.7	154.	01.45	49.9	59.7	48.1	190.	04.45	51.0	59.7	47.2
119.	22.50	56.5	76.9	47.9	155.	01.50	50.1	61.7	47.5	191.	04.50	51.7	59.3	48.4
120.	22.55	48.5	56.9	47.0	156.	01.55	48.5	53.1	47.5	192.	04.55	52.9	64.3	47.8
121.	23.00	50.5	70.0	46.6	157.	02.00	48.4	54.7	47.0	193.	05.00	52.9	72.3	47.8
122.	23.05	48.4	54.8	46.9	158.	02.05	48.1	51.7	47.1	194.	05.05	52.1	67.6	48.1
123.	23.10	54.4	64.2	47.2	159.	02.10	49.2	57.5	47.1	195.	05.10	50.3	58.5	47.7
124.	23.15	50.8	64.0	47.0	160.	02.15	48.8	56.9	46.9	196.	05.15	51.9	64.6	48.0
125.	23.20	51.5	64.4	48.2	161.	02.20	48.3	55.7	46.8	197.	05.20	51.5	65.2	48.0
126.	23.25	52.0	61.3	47.9	162.	02.25	48.3	56.0	46.7	198.	05.25	50.9	65.4	47.2
127.	23.30	49.9	59.0	47.6	163.	02.30	49.4	58.2	46.5	199.	05.30	50.3	58.2	47.0
128.	23.35	52.4	69.1	48.4	164.	02.35	49.1	59.1	46.8	200.	05.35	52.7	69.3	47.1
129.	23.40	49.7	56.5	48.0	165.	02.40	47.5	52.8	46.1	201.	05.40	51.8	70.7	47.5
130.	23.45	49.8	61.0	48.1	166.	02.45	48.0	54.9	46.2	202.	05.45	50.6	63.4	47.3
131.	23.50	51.5	66.8	48.6	167.	02.50	48.9	65.2	45.6	203.	05.50	52.4	64.2	46.7
132.	23.55	49.8	61.6	48.0	168.	02.55	48.5	56.1	46.5	204.	05.55	51.5	64.5	47.1
133.	00.00	49.9	54.9	48.8	169.	03.00	47.5	55.8	46.1	205.	06.00	52.1	62.5	47.7
134.	00.05	50.4	57.6	48.8	170.	03.05	47.2	59.4	45.8	206.	06.05	52.8	68.9	48.8
135.	00.10	50.8	63.6	48.7	171.	03.10	47.2	54.0	45.9	207.	06.10	51.9	63.3	48.1
136.	00.15	50.6	60.3	48.8	172.	03.15	48.1	58.8	46.0	208.	06.15	51.7	63.5	48.5
137.	00.20	51.5	61.7	48.8	173.	03.20	47.1	55.4	45.7	209.	06.20	50.7	58.5	48.4
138.	00.25	50.3	58.8	48.7	174.	03.25	47.6	58.2	45.9	210.	06.25	51.2	62.9	48.8
139.	00.30	51.3	62.8	48.9	175.	03.30	47.0	51.7	45.8	211.	06.30	52.0	64.8	49.5
140.	00.35	50.2	60.0	49.1	176.	03.35	47.7	60.2	46.0	212.	06.35	52.8	68.1	49.8
141.	00.40	52.8	67.0	49.4	177.	03.40	47.4	56.5	46.0	213.	06.40	54.0	63.7	51.2
142.	00.45	50.4	58.8	49.0	178.	03.45	47.3	54.8	45.7	214.	06.45	53.8	65.2	51.3
143.	00.50	49.9	57.8	48.7	179.	03.50	54.7	78.9	45.7	215.	06.50	54.7	64.9	52.2
144.	00.55	50.5	64.6	48.8	180.	03.55	47.5	56.7	45.5	216.	06.55	55.1	67.6	52.4



Thai Environmental Technic Limited
บริษัท เทคโนโลยีสิ่งแวดล้อมไทย จำกัด

(3/3-3)

บ้านใกล้โครงการฝั่งตรงข้ามอาคารโรงหลอม														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		12-13/02/23					12-13/02/23					12-13/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
217.	07.00	55.9	75.4	49.6	241.	09.00	60.7	65.3	59.7	265.	11.00	64.8	81.4	54.6
218.	07.05	59.1	70.0	50.6	242.	09.05	59.2	66.3	57.6	266.	11.05	60.3	67.8	55.5
219.	07.10	53.4	76.9	50.1	243.	09.10	58.3	64.7	57.4	267.	11.10	58.3	65.1	55.0
220.	07.15	54.8	66.7	50.5	244.	09.15	57.6	61.6	56.8	268.	11.15	56.3	62.6	55.2
221.	07.20	54.0	67.8	50.1	245.	09.20	57.3	60.8	56.5	269.	11.20	58.5	68.4	57.0
222.	07.25	53.4	72.6	49.3	246.	09.25	58.2	75.0	56.6	270.	11.25	59.2	74.6	57.6
223.	07.30	54.6	73.7	49.6	247.	09.30	60.3	78.8	56.8	271.	11.30	58.8	68.5	57.6
224.	07.35	52.8	68.7	49.8	248.	09.35	59.5	76.8	57.1	272.	11.35	58.4	64.7	57.5
225.	07.40	51.5	60.9	49.8	249.	09.40	58.6	67.3	57.6	273.	11.40	59.9	77.7	57.6
226.	07.45	52.0	63.6	49.9	250.	09.45	58.1	60.9	57.2	274.	11.45	59.1	76.5	57.6
227.	07.50	54.2	69.4	50.4	251.	09.50	58.0	69.3	57.0	275.	11.50	58.7	69.6	57.3
228.	07.55	61.6	80.5	51.6	252.	09.55	57.9	66.2	56.7	276.	11.55	58.7	70.5	57.6
229.	08.00	57.6	80.1	52.5	253.	10.00	57.9	69.4	56.8	277.	12.00	59.2	76.4	57.2
230.	08.05	58.5	68.2	57.0	254.	10.05	57.6	61.6	56.4	278.	12.05	59.2	69.6	57.5
231.	08.10	57.6	65.7	56.6	255.	10.10	55.4	61.9	52.3	279.	12.10	58.2	66.2	57.3
232.	08.15	57.5	67.6	56.4	256.	10.15	54.4	66.6	51.4	280.	12.15	58.4	67.4	57.2
233.	08.20	57.4	66.9	56.4	257.	10.20	53.4	64.5	51.5	281.	12.20	58.5	65.7	57.2
234.	08.25	58.0	67.5	56.5	258.	10.25	54.2	62.6	52.2	282.	12.25	58.4	65.3	57.1
235.	08.30	58.3	72.1	56.9	259.	10.30	53.5	64.0	51.6	283.	12.30	57.9	66.5	56.9
236.	08.35	58.0	66.9	56.6	260.	10.35	53.9	64.3	51.9	284.	12.35	58.1	71.1	57.1
237.	08.40	58.4	68.6	56.8	261.	10.40	52.6	60.0	50.8	285.	12.40	58.3	66.0	57.3
238.	08.45	59.1	70.9	57.0	262.	10.45	54.6	61.4	51.9	286.	12.45	58.3	64.8	57.2
239.	08.50	63.7	80.3	58.8	263.	10.50	54.1	60.4	53.1	287.	12.50	58.6	65.6	57.5
240.	08.55	63.7	86.4	59.3	264.	10.55	57.0	73.3	53.7	288.	12.55	58.9	67.0	57.7

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager



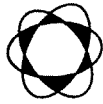
Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP
Project : โครงการผลิตขวดทองแดงส่วนขยายครั้งที่ 1
Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม
อำเภอบางปะกง จังหวัดฉะเชิงเทรา
Contact : Tel. (038)-573 231-5
Job No. : S660063/Feb/1

Report No. : 0425/2023/4-7
Report Date : February 24, 2023
Sampling Date : February 10-17, 2023
Type of Sample : Sound Level

(4/1-3)

บ้านใกล้โครงการฝั่งตรงข้ามอาคารโรงหลอม														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		13-14/02/23					13-14/02/23					13-14/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
1.	13.00	58.1	62.8	57.3	37.	16.00	60.2	63.7	59.0	73.	19.00	58.6	65.5	57.8
2.	13.05	58.9	66.8	57.4	38.	16.05	61.0	66.8	59.7	74.	19.05	58.5	62.4	57.6
3.	13.10	58.5	67.5	57.5	39.	16.10	59.6	63.8	58.9	75.	19.10	58.6	64.3	57.9
4.	13.15	58.5	64.8	57.6	40.	16.15	60.8	67.7	59.1	76.	19.15	58.3	60.3	57.7
5.	13.20	59.0	68.8	57.7	41.	16.20	63.9	70.3	59.9	77.	19.20	58.1	61.2	57.5
6.	13.25	59.0	66.2	57.7	42.	16.25	59.7	61.7	59.1	78.	19.25	59.1	63.9	57.7
7.	13.30	58.5	65.1	57.6	43.	16.30	59.5	62.3	59.0	79.	19.30	63.1	67.9	59.8
8.	13.35	58.8	63.6	57.6	44.	16.35	59.7	65.5	59.1	80.	19.35	58.6	67.6	57.6
9.	13.40	59.9	89.6	57.8	45.	16.40	59.6	62.8	59.1	81.	19.40	58.1	60.5	57.3
10.	13.45	60.9	84.4	58.1	46.	16.45	59.2	65.2	58.5	82.	19.45	58.8	67.3	57.4
11.	13.50	59.1	68.4	57.9	47.	16.50	59.0	63.6	58.5	83.	19.50	58.1	66.8	57.3
12.	13.55	59.3	68.6	58.2	48.	16.55	59.0	62.9	58.3	84.	19.55	57.9	62.6	57.2
13.	14.00	59.5	70.0	58.3	49.	17.00	59.1	66.0	58.2	85.	20.00	57.9	59.7	57.3
14.	14.05	59.4	63.0	58.4	50.	17.05	59.0	64.3	58.2	86.	20.05	58.4	62.1	57.6
15.	14.10	59.5	72.2	58.4	51.	17.10	58.6	61.7	58.2	87.	20.10	58.5	66.8	57.7
16.	14.15	59.6	63.5	58.6	52.	17.15	58.8	68.6	58.2	88.	20.15	58.2	62.6	57.5
17.	14.20	59.7	69.1	58.6	53.	17.20	59.5	64.8	58.2	89.	20.20	58.5	67.6	57.7
18.	14.25	59.9	65.7	59.0	54.	17.25	60.3	65.3	58.7	90.	20.25	58.4	65.6	57.6
19.	14.30	60.1	67.2	59.5	55.	17.30	60.7	64.9	59.1	91.	20.30	58.7	66.1	57.5
20.	14.35	60.4	63.9	59.5	56.	17.35	61.3	68.7	60.1	92.	20.35	57.7	65.4	57.1
21.	14.40	60.3	70.0	59.4	57.	17.40	61.2	65.9	60.3	93.	20.40	58.2	71.4	57.4
22.	14.45	59.9	65.9	59.0	58.	17.45	61.0	65.7	60.1	94.	20.45	58.3	64.1	57.7
23.	14.50	59.6	63.3	58.7	59.	17.50	60.1	67.9	58.4	95.	20.50	58.7	66.1	57.8
24.	14.55	59.5	62.5	58.6	60.	17.55	59.5	62.9	58.4	96.	20.55	58.5	63.0	57.8
25.	15.00	60.4	71.8	59.2	61.	18.00	59.0	61.7	58.3	97.	21.00	58.4	65.6	57.6
26.	15.05	61.1	67.2	60.0	62.	18.05	59.0	63.8	58.3	98.	21.05	58.3	62.3	57.6
27.	15.10	63.0	69.3	59.7	63.	18.10	58.9	63.7	58.0	99.	21.10	58.1	68.3	57.3
28.	15.15	59.9	63.1	59.0	64.	18.15	58.8	70.3	57.7	100.	21.15	58.1	63.4	57.4
29.	15.20	59.2	63.6	58.5	65.	18.20	59.2	61.3	57.7	101.	21.20	58.2	62.1	57.2
30.	15.25	59.3	68.0	58.4	66.	18.25	58.7	67.2	57.7	102.	21.25	58.3	62.2	57.5
31.	15.30	59.2	63.4	58.5	67.	18.30	59.4	63.8	57.8	103.	21.30	57.8	62.0	57.2
32.	15.35	59.5	69.7	58.5	68.	18.35	59.8	63.1	58.2	104.	21.35	58.2	62.6	57.5
33.	15.40	59.2	61.6	58.7	69.	18.40	59.5	64.1	58.0	105.	21.40	58.3	60.0	57.7
34.	15.45	59.4	64.0	58.8	70.	18.45	59.5	62.2	57.9	106.	21.45	59.5	63.1	58.1
35.	15.50	59.4	67.4	58.6	71.	18.50	59.0	64.5	57.6	107.	21.50	59.9	67.4	58.5
36.	15.55	59.4	64.9	58.8	72.	18.55	58.9	65.7	57.8	108.	21.55	59.6	66.7	58.1



Thai Environmental Technic Limited
บริษัท เทคโนโลยีสิ่งแวดล้อมไทย จำกัด

(4/2-3)

บ้านใกล้โครงการฝั่งตรงข้ามอาคารโรงหลอม														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		13-14/02/23					13-14/02/23					13-14/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
109.	22.00	58.6	65.8	57.9	145.	01.00	59.9	65.0	58.7	181.	04.00	59.2	72.9	57.9
110.	22.05	59.7	66.0	58.1	146.	01.05	60.9	66.4	58.9	182.	04.05	59.1	74.7	57.9
111.	22.10	59.6	65.4	58.4	147.	01.10	62.6	67.2	60.4	183.	04.10	59.1	74.0	57.6
112.	22.15	58.8	61.3	57.8	148.	01.15	62.0	66.0	60.2	184.	04.15	58.8	63.1	57.6
113.	22.20	58.9	62.3	57.8	149.	01.20	61.4	66.4	59.5	185.	04.20	59.3	75.2	57.4
114.	22.25	58.8	64.6	57.7	150.	01.25	61.1	67.9	59.4	186.	04.25	59.5	69.5	58.3
115.	22.30	58.5	61.2	57.6	151.	01.30	60.7	64.1	59.3	187.	04.30	59.7	71.2	57.8
116.	22.35	58.2	64.6	57.5	152.	01.35	60.9	65.8	59.4	188.	04.35	59.4	68.0	57.9
117.	22.40	58.5	61.2	57.6	153.	01.40	61.0	68.1	59.2	189.	04.40	58.9	70.9	57.8
118.	22.45	58.5	66.7	57.5	154.	01.45	60.2	64.8	59.0	190.	04.45	59.0	68.6	57.9
119.	22.50	59.0	61.5	57.8	155.	01.50	59.7	65.1	58.6	191.	04.50	59.1	70.1	57.9
120.	22.55	59.1	63.2	57.9	156.	01.55	59.2	68.0	58.5	192.	04.55	59.2	73.1	57.8
121.	23.00	59.1	62.6	57.7	157.	02.00	59.8	68.8	58.6	193.	05.00	58.8	67.3	57.5
122.	23.05	59.0	62.1	57.7	158.	02.05	59.5	66.7	58.4	194.	05.05	59.0	75.2	57.9
123.	23.10	59.4	64.7	58.1	159.	02.10	59.5	65.3	58.5	195.	05.10	59.5	68.4	58.0
124.	23.15	59.4	67.5	58.1	160.	02.15	59.2	65.2	58.4	196.	05.15	59.4	65.6	58.2
125.	23.20	59.4	66.4	58.1	161.	02.20	61.7	73.3	58.8	197.	05.20	61.6	73.2	58.3
126.	23.25	59.7	68.5	58.3	162.	02.25	60.0	79.5	58.4	198.	05.25	64.2	83.6	57.9
127.	23.30	58.8	65.2	57.9	163.	02.30	66.5	87.3	58.0	199.	05.30	61.5	82.1	57.6
128.	23.35	60.6	67.1	58.2	164.	02.35	60.2	72.3	58.1	200.	05.35	54.3	69.1	49.2
129.	23.40	59.6	66.2	58.2	165.	02.40	62.3	74.3	58.5	201.	05.40	56.1	74.5	50.0
130.	23.45	58.7	66.0	57.2	166.	02.45	61.6	78.7	58.3	202.	05.45	54.4	67.4	47.8
131.	23.50	58.0	65.1	57.0	167.	02.50	60.6	73.2	58.0	203.	05.50	53.5	62.5	49.6
132.	23.55	58.5	65.1	57.5	168.	02.55	59.9	69.4	58.0	204.	05.55	55.9	71.9	49.2
133.	00.00	58.5	68.6	57.3	169.	03.00	61.1	79.5	58.3	205.	06.00	54.1	64.1	49.5
134.	00.05	58.7	61.7	57.4	170.	03.05	60.5	77.4	57.5	206.	06.05	53.5	61.0	49.5
135.	00.10	59.2	65.4	57.6	171.	03.10	58.5	75.3	57.5	207.	06.10	55.7	66.5	49.9
136.	00.15	59.5	62.8	57.9	172.	03.15	58.5	67.3	57.4	208.	06.15	57.1	72.0	52.4
137.	00.20	59.7	68.8	58.1	173.	03.20	58.5	64.5	57.5	209.	06.20	53.2	68.1	47.3
138.	00.25	59.2	62.4	57.6	174.	03.25	58.1	64.0	57.2	210.	06.25	55.1	76.0	50.4
139.	00.30	58.4	62.1	57.3	175.	03.30	58.8	68.9	57.4	211.	06.30	66.9	97.1	49.1
140.	00.35	58.6	64.9	57.6	176.	03.35	59.0	67.9	57.9	212.	06.35	58.2	83.6	49.5
141.	00.40	58.7	62.4	57.5	177.	03.40	59.1	67.5	58.0	213.	06.40	57.1	76.9	50.0
142.	00.45	59.4	64.9	58.1	178.	03.45	58.8	68.6	57.8	214.	06.45	60.0	83.4	50.7
143.	00.50	59.9	65.1	58.6	179.	03.50	59.2	74.0	58.0	215.	06.50	55.2	68.7	49.6
144.	00.55	59.7	65.6	58.5	180.	03.55	59.4	68.5	58.0	216.	06.55	56.2	69.6	51.9

**TET**

Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(4/3-3)

บ้านใกล้โครงการฝั่งตรงข้ามอาคารโรงหลอม														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		13-14/02/23					13-14/02/23					13-14/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
217.	07.00	66.9	90.1	54.8	241.	09.00	54.5	66.2	50.5	265.	11.00	55.1	64.1	52.8
218.	07.05	61.9	84.6	51.6	242.	09.05	54.4	65.2	50.9	266.	11.05	55.5	68.6	52.7
219.	07.10	55.0	63.2	51.6	243.	09.10	53.9	64.8	50.3	267.	11.10	55.7	66.7	52.9
220.	07.15	54.8	72.2	50.7	244.	09.15	54.6	61.1	50.2	268.	11.15	55.5	63.6	51.9
221.	07.20	56.4	74.8	51.1	245.	09.20	54.2	61.8	50.6	269.	11.20	55.8	64.6	52.5
222.	07.25	59.7	71.4	54.2	246.	09.25	59.3	73.8	52.6	270.	11.25	56.3	71.6	50.9
223.	07.30	65.0	85.3	54.8	247.	09.30	56.3	73.6	51.8	271.	11.30	54.3	63.2	51.5
224.	07.35	58.3	73.4	54.3	248.	09.35	54.9	65.3	51.2	272.	11.35	54.1	70.0	50.9
225.	07.40	63.9	80.4	56.6	249.	09.40	55.0	67.3	50.3	273.	11.40	53.8	64.1	50.4
226.	07.45	62.9	83.6	54.1	250.	09.45	55.5	70.0	51.7	274.	11.45	53.9	60.1	51.1
227.	07.50	59.5	77.3	51.6	251.	09.50	54.2	63.9	51.3	275.	11.50	55.8	68.5	50.4
228.	07.55	62.9	82.1	56.6	252.	09.55	55.9	64.8	51.8	276.	11.55	55.2	64.5	50.2
229.	08.00	65.5	84.0	54.5	253.	10.00	54.8	65.7	51.0	277.	12.00	56.8	68.8	51.6
230.	08.05	60.6	82.5	52.3	254.	10.05	56.2	69.1	51.4	278.	12.05	55.4	68.6	51.3
231.	08.10	56.9	71.6	51.0	255.	10.10	54.5	65.3	51.7	279.	12.10	53.0	61.8	49.4
232.	08.15	56.5	73.8	52.3	256.	10.15	55.0	69.4	50.9	280.	12.15	56.8	74.4	49.7
233.	08.20	56.9	69.2	51.5	257.	10.20	55.3	67.7	50.9	281.	12.20	55.4	69.2	50.7
234.	08.25	56.3	68.6	51.6	258.	10.25	54.5	64.0	51.2	282.	12.25	55.0	70.4	50.0
235.	08.30	55.8	64.9	51.6	259.	10.30	55.9	66.2	51.5	283.	12.30	53.4	66.3	49.9
236.	08.35	54.5	65.3	49.9	260.	10.35	55.7	74.9	52.2	284.	12.35	54.9	69.3	50.7
237.	08.40	53.9	60.5	50.2	261.	10.40	55.5	61.3	52.4	285.	12.40	52.8	62.7	49.9
238.	08.45	54.1	64.1	50.6	262.	10.45	56.4	69.5	52.3	286.	12.45	54.0	65.6	49.7
239.	08.50	54.2	62.3	50.1	263.	10.50	54.7	61.8	53.1	287.	12.50	53.7	63.5	49.1
240.	08.55	57.9	73.1	50.7	264.	10.55	57.1	69.7	53.1	288.	12.55	53.4	63.7	49.4

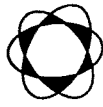
Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager



Thai Environmental Technic Limited

บริษัท เทคโนโลยีสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP
 Project : โครงการผลิตขวดทองแดงส่วนขยายครั้งที่ 1
 Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม
 อำเภอบางปะกง จังหวัดฉะเชิงเทรา
 Contact : Tel. (038)-573 231-5
 Job No. : S660063/Feb/1

Report No. : 0425/2023/5-7
 Report Date : February 24, 2023
 Sampling Date : February 10-17, 2023
 Type of Sample : Sound Level

(5/1-3)

บ้านใกล้โครงการฝั่งตรงข้ามอาคารโรงหลอม														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		14-15/02/23					14-15/02/23					14-15/02/23		
		Leq	Lmax	L90			Leq	Lmax	L90			Leq	Lmax	L90
1.	13.00	60.1	82.6	49.5	37.	16.00	52.3	65.0	45.9	73.	19.00	48.0	59.2	44.0
2.	13.05	54.7	66.5	50.0	38.	16.05	51.7	64.7	46.0	74.	19.05	48.3	61.0	44.2
3.	13.10	52.6	59.8	48.5	39.	16.10	52.6	64.9	46.8	75.	19.10	48.7	58.7	44.4
4.	13.15	56.4	70.7	49.2	40.	16.15	56.3	77.2	46.1	76.	19.15	46.1	53.5	44.2
5.	13.20	59.2	87.3	50.2	41.	16.20	55.7	75.8	49.5	77.	19.20	46.4	55.2	44.2
6.	13.25	53.0	62.7	48.4	42.	16.25	51.6	64.6	45.1	78.	19.25	47.9	58.1	43.6
7.	13.30	53.1	63.6	49.6	43.	16.30	52.8	65.3	45.4	79.	19.30	49.2	66.4	43.4
8.	13.35	54.9	69.0	49.5	44.	16.35	49.4	61.0	45.5	80.	19.35	48.6	59.2	44.1
9.	13.40	54.8	63.0	49.8	45.	16.40	52.1	66.8	46.3	81.	19.40	46.8	53.5	44.2
10.	13.45	54.3	66.8	49.7	46.	16.45	49.7	58.8	45.2	82.	19.45	50.2	62.5	44.3
11.	13.50	54.1	67.7	47.6	47.	16.50	51.2	60.1	46.1	83.	19.50	45.8	52.4	43.6
12.	13.55	53.0	65.2	48.1	48.	16.55	50.0	65.5	44.9	84.	19.55	46.9	59.0	44.2
13.	14.00	55.3	75.5	47.9	49.	17.00	51.7	66.2	45.1	85.	20.00	48.3	62.8	43.3
14.	14.05	54.4	68.8	48.1	50.	17.05	52.1	70.3	44.2	86.	20.05	49.4	58.6	44.2
15.	14.10	56.4	79.1	49.2	51.	17.10	52.1	68.0	43.9	87.	20.10	48.1	59.2	43.8
16.	14.15	58.5	65.6	49.3	52.	17.15	47.3	56.4	44.4	88.	20.15	48.6	60.2	43.6
17.	14.20	51.4	60.3	47.9	53.	17.20	50.7	70.6	45.4	89.	20.20	48.8	59.4	43.6
18.	14.25	51.0	58.1	47.8	54.	17.25	53.7	60.9	46.7	90.	20.25	49.6	59.4	44.0
19.	14.30	50.4	60.2	46.7	55.	17.30	50.9	62.8	45.1	91.	20.30	49.2	62.3	43.9
20.	14.35	54.1	69.1	47.7	56.	17.35	50.4	61.2	45.3	92.	20.35	49.2	58.9	45.3
21.	14.40	56.2	75.6	47.9	57.	17.40	50.7	65.7	45.0	93.	20.40	49.0	58.4	45.7
22.	14.45	54.0	66.2	47.7	58.	17.45	47.8	58.4	44.8	94.	20.45	50.4	59.4	45.5
23.	14.50	52.2	66.5	46.5	59.	17.50	49.3	59.8	45.5	95.	20.50	50.9	60.7	45.9
24.	14.55	52.0	61.4	47.2	60.	17.55	48.4	55.9	45.3	96.	20.55	48.6	56.7	45.4
25.	15.00	52.6	64.7	48.4	61.	18.00	47.9	58.5	45.3	97.	21.00	54.4	71.4	48.0
26.	15.05	51.3	61.8	47.6	62.	18.05	48.4	59.6	45.4	98.	21.05	51.9	65.1	45.6
27.	15.10	58.4	82.5	47.6	63.	18.10	47.4	55.9	45.1	99.	21.10	54.2	69.8	46.8
28.	15.15	49.8	65.7	46.6	64.	18.15	48.6	59.7	45.0	100.	21.15	52.3	66.4	46.7
29.	15.20	54.6	75.4	46.3	65.	18.20	47.1	58.1	44.2	101.	21.20	51.1	65.3	46.0
30.	15.25	51.5	64.9	46.2	66.	18.25	47.9	61.2	44.3	102.	21.25	50.2	59.2	47.1
31.	15.30	52.7	63.8	46.5	67.	18.30	48.0	54.4	45.0	103.	21.30	52.9	67.1	48.4
32.	15.35	52.1	66.7	45.7	68.	18.35	51.8	63.2	44.8	104.	21.35	51.0	61.3	47.4
33.	15.40	53.9	71.0	47.1	69.	18.40	49.6	63.2	44.5	105.	21.40	52.0	62.4	47.4
34.	15.45	52.1	62.5	47.6	70.	18.45	59.3	62.4	50.7	106.	21.45	51.7	61.9	47.6
35.	15.50	52.7	62.8	47.8	71.	18.50	50.8	63.5	45.0	107.	21.50	50.5	60.2	46.6
36.	15.55	52.8	70.0	46.8	72.	18.55	47.2	54.9	44.5	108.	21.55	50.0	61.3	47.0



Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(5/2-3)

บ้านใกล้โครงการฝังตรงข้ามอาคารโรงหลอม														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		14-15/02/23					14-15/02/23					14-15/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
109.	22.00	52.4	64.5	47.6	145.	01.00	52.8	60.4	50.8	181.	04.00	54.1	60.5	50.7
110.	22.05	51.9	65.0	46.7	146.	01.05	53.8	60.3	50.7	182.	04.05	52.6	61.8	50.4
111.	22.10	51.0	57.3	47.0	147.	01.10	52.0	58.3	49.9	183.	04.10	53.3	64.7	50.6
112.	22.15	48.1	54.4	45.1	148.	01.15	51.6	66.7	44.0	184.	04.15	51.1	63.1	46.2
113.	22.20	53.2	61.0	45.6	149.	01.20	47.8	60.4	44.4	185.	04.20	48.8	53.5	45.1
114.	22.25	51.2	57.8	48.3	150.	01.25	47.5	55.6	44.0	186.	04.25	50.0	63.3	45.7
115.	22.30	49.1	59.1	46.0	151.	01.30	50.7	67.8	44.5	187.	04.30	50.7	62.7	46.6
116.	22.35	48.4	58.1	45.3	152.	01.35	47.2	52.3	44.4	188.	04.35	49.5	58.1	46.9
117.	22.40	48.8	55.9	44.9	153.	01.40	45.7	51.6	42.4	189.	04.40	51.6	59.5	47.0
118.	22.45	46.9	52.4	44.7	154.	01.45	48.5	54.2	45.0	190.	04.45	52.6	60.5	49.1
119.	22.50	47.4	56.2	45.0	155.	01.50	48.4	56.4	44.9	191.	04.50	50.4	56.0	48.2
120.	22.55	47.9	57.4	44.5	156.	01.55	47.8	54.8	44.4	192.	04.55	52.3	61.4	48.4
121.	23.00	46.7	51.0	44.5	157.	02.00	48.9	61.6	44.9	193.	05.00	51.5	63.9	48.5
122.	23.05	46.4	53.3	44.6	158.	02.05	47.5	57.0	44.1	194.	05.05	50.7	57.7	48.3
123.	23.10	48.0	55.7	45.2	159.	02.10	49.9	57.7	45.2	195.	05.10	51.0	55.9	48.3
124.	23.15	48.1	54.8	44.5	160.	02.15	46.3	53.9	43.7	196.	05.15	54.9	65.7	48.9
125.	23.20	49.7	59.6	46.8	161.	02.20	49.1	56.3	45.9	197.	05.20	52.3	61.2	49.5
126.	23.25	47.6	54.5	44.9	162.	02.25	49.3	59.5	45.3	198.	05.25	51.0	56.1	48.5
127.	23.30	49.7	59.9	46.2	163.	02.30	48.6	56.6	44.6	199.	05.30	52.4	58.0	49.6
128.	23.35	46.2	50.7	44.3	164.	02.35	48.1	54.3	44.9	200.	05.35	52.4	57.9	49.0
129.	23.40	46.5	53.9	43.2	165.	02.40	49.6	59.1	46.2	201.	05.40	52.1	58.3	49.3
130.	23.45	47.5	59.3	43.7	166.	02.45	52.4	63.2	46.6	202.	05.45	53.6	58.9	51.1
131.	23.50	48.4	61.2	44.5	167.	02.50	48.0	56.1	44.7	203.	05.50	53.9	60.2	51.2
132.	23.55	49.4	60.0	45.4	168.	02.55	48.0	56.4	45.2	204.	05.55	55.4	66.2	51.6
133.	00.00	47.8	61.4	45.3	169.	03.00	59.2	67.6	47.1	205.	06.00	54.2	66.3	48.9
134.	00.05	47.5	55.2	44.2	170.	03.05	57.1	63.9	48.2	206.	06.05	52.6	61.8	48.6
135.	00.10	47.1	55.9	44.3	171.	03.10	49.6	61.6	45.8	207.	06.10	57.0	75.7	49.1
136.	00.15	47.8	57.0	44.5	172.	03.15	51.2	54.9	50.3	208.	06.15	57.7	83.1	51.2
137.	00.20	50.7	60.9	45.2	173.	03.20	50.9	53.5	49.8	209.	06.20	58.9	80.3	51.8
138.	00.25	50.4	62.4	45.9	174.	03.25	51.5	54.7	49.9	210.	06.25	54.6	64.8	51.1
139.	00.30	52.5	68.5	45.9	175.	03.30	50.5	55.3	49.0	211.	06.30	54.9	62.5	51.4
140.	00.35	47.6	60.3	44.2	176.	03.35	50.9	55.3	49.3	212.	06.35	55.0	61.8	51.7
141.	00.40	54.9	65.1	43.7	177.	03.40	50.3	60.3	48.9	213.	06.40	54.8	62.1	52.1
142.	00.45	56.5	63.0	46.7	178.	03.45	49.8	53.4	48.6	214.	06.45	56.1	68.9	52.6
143.	00.50	52.6	66.6	44.8	179.	03.50	54.3	62.5	51.1	215.	06.50	57.2	67.9	53.3
144.	00.55	49.4	65.2	44.8	180.	03.55	52.5	61.0	50.5	216.	06.55	57.2	67.5	53.4



Thai Environmental Technic Limited
บริษัท เทคโนโลยีสิ่งแวดล้อมไทย จำกัด

(5/3-3)

บ้านใกล้โครงการฝั่งตรงข้ามอาคารโรงหลอม														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		14-15/02/23					14-15/02/23					14-15/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
217.	07.00	55.7	63.9	53.0	241.	09.00	56.4	65.5	53.1	265.	11.00	56.5	79.3	53.8
218.	07.05	60.6	85.7	54.2	242.	09.05	55.7	67.3	53.8	266.	11.05	58.4	74.7	53.5
219.	07.10	62.3	78.2	55.2	243.	09.10	61.0	90.1	55.1	267.	11.10	55.8	75.9	53.2
220.	07.15	61.7	77.0	56.7	244.	09.15	56.6	65.0	55.1	268.	11.15	58.3	71.4	54.8
221.	07.20	62.9	81.0	57.0	245.	09.20	55.8	62.8	53.8	269.	11.20	56.8	65.1	54.6
222.	07.25	63.9	78.0	58.2	246.	09.25	56.2	62.6	53.8	270.	11.25	56.6	71.7	54.8
223.	07.30	53.8	68.6	48.4	247.	09.30	56.6	63.3	54.1	271.	11.30	55.9	67.4	53.6
224.	07.35	53.7	66.1	48.6	248.	09.35	56.5	69.6	53.2	272.	11.35	57.9	74.5	53.7
225.	07.40	53.4	63.4	49.2	249.	09.40	55.9	62.8	53.5	273.	11.40	56.4	73.7	53.0
226.	07.45	52.9	63.1	48.7	250.	09.45	57.3	70.0	53.4	274.	11.45	57.6	71.7	52.7
227.	07.50	55.5	67.9	49.8	251.	09.50	55.7	65.9	53.3	275.	11.50	56.6	69.3	53.4
228.	07.55	54.1	68.9	48.1	252.	09.55	58.8	85.7	54.3	276.	11.55	55.7	63.8	53.3
229.	08.00	55.9	72.7	52.4	253.	10.00	56.2	64.1	53.7	277.	12.00	55.4	66.5	53.1
230.	08.05	57.3	67.6	53.4	254.	10.05	56.2	66.2	53.0	278.	12.05	54.9	70.7	52.7
231.	08.10	56.2	65.4	53.7	255.	10.10	54.4	60.7	51.5	279.	12.10	53.9	64.6	52.5
232.	08.15	58.2	81.7	53.3	256.	10.15	55.0	68.2	50.4	280.	12.15	57.0	69.5	52.9
233.	08.20	55.9	71.2	53.7	257.	10.20	52.5	66.0	48.7	281.	12.20	56.2	67.1	52.8
234.	08.25	55.1	64.9	53.2	258.	10.25	50.8	59.8	48.2	282.	12.25	55.3	73.7	53.3
235.	08.30	55.1	68.3	52.8	259.	10.30	53.6	70.3	49.7	283.	12.30	53.5	71.5	48.9
236.	08.35	56.4	76.6	53.5	260.	10.35	53.3	62.7	49.9	284.	12.35	57.1	87.8	49.0
237.	08.40	55.0	65.9	53.1	261.	10.40	57.8	74.6	53.5	285.	12.40	51.3	62.5	49.2
238.	08.45	55.5	65.2	53.1	262.	10.45	55.3	70.5	53.2	286.	12.45	50.9	62.5	49.2
239.	08.50	54.2	65.3	52.5	263.	10.50	56.8	72.4	54.1	287.	12.50	54.0	79.9	49.7
240.	08.55	55.4	71.6	52.8	264.	10.55	57.4	69.0	54.0	288.	12.55	52.8	70.9	49.9

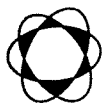
Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager

**TET**

Thai Environmental Technic Limited

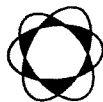
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP
 Project : โครงการผลิตขวดทองแดงส่วนขยายครั้งที่ 1
 Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม
 อำเภอบางปะกง จังหวัดฉะเชิงเทรา
 Contact : Tel. (038)-573 231-5
 Job No. : S660063/Feb/1

Report No. : 0425/2023/6-7
 Report Date : February 24, 2023
 Sampling Date : February 10-17, 2023
 Type of Sample : Sound Level

(6/1-3)

บ้านใกล้โครงการฝั่งตรงข้ามอาคารโรงหลอม														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		15-16/02/23					15-16/02/23					15-16/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
1.	13.00	52.9	68.7	50.4	37.	16.00	55.5	69.7	52.5	73.	19.00	49.5	56.2	47.5
2.	13.05	51.8	69.7	49.9	38.	16.05	55.1	58.9	52.4	74.	19.05	54.6	72.9	47.7
3.	13.10	52.8	70.3	49.5	39.	16.10	53.8	62.5	51.8	75.	19.10	52.1	62.5	47.7
4.	13.15	51.7	59.9	49.4	40.	16.15	54.2	64.4	51.9	76.	19.15	50.5	63.2	47.0
5.	13.20	55.9	66.9	52.9	41.	16.20	53.8	67.6	51.4	77.	19.20	49.5	55.2	46.8
6.	13.25	54.7	64.0	50.5	42.	16.25	53.6	63.5	51.4	78.	19.25	50.2	64.6	47.4
7.	13.30	59.8	71.2	50.9	43.	16.30	54.0	67.9	50.6	79.	19.30	50.4	62.9	48.2
8.	13.35	57.0	68.8	50.9	44.	16.35	54.0	62.2	50.7	80.	19.35	51.4	59.6	49.0
9.	13.40	56.8	68.1	50.5	45.	16.40	54.8	67.2	51.6	81.	19.40	50.5	57.6	48.4
10.	13.45	54.4	64.2	49.8	46.	16.45	55.0	68.6	50.9	82.	19.45	52.0	60.3	49.7
11.	13.50	55.7	70.6	49.2	47.	16.50	54.0	64.8	50.4	83.	19.50	53.3	66.5	48.3
12.	13.55	58.5	72.3	51.6	48.	16.55	53.1	60.7	50.6	84.	19.55	53.7	69.8	48.7
13.	14.00	55.2	65.7	49.5	49.	17.00	55.5	65.8	52.4	85.	20.00	51.7	58.6	49.6
14.	14.05	55.3	65.0	49.8	50.	17.05	54.7	62.0	50.8	86.	20.05	52.1	59.9	50.1
15.	14.10	54.2	63.5	50.3	51.	17.10	57.1	69.9	55.0	87.	20.10	60.3	80.7	49.4
16.	14.15	53.4	66.4	48.8	52.	17.15	55.4	74.3	51.5	88.	20.15	51.4	58.3	49.0
17.	14.20	52.0	62.3	48.5	53.	17.20	57.0	66.9	51.7	89.	20.20	53.8	72.8	49.1
18.	14.25	53.0	61.1	49.9	54.	17.25	57.1	76.2	51.6	90.	20.25	50.9	62.8	48.9
19.	14.30	52.7	59.8	49.9	55.	17.30	53.2	61.6	51.0	91.	20.30	49.9	58.6	48.0
20.	14.35	54.3	70.6	49.0	56.	17.35	52.7	64.5	48.5	92.	20.35	51.2	61.4	47.8
21.	14.40	52.4	58.3	50.5	57.	17.40	54.4	71.8	48.2	93.	20.40	50.2	61.7	48.0
22.	14.45	52.9	67.0	49.4	58.	17.45	53.5	73.4	47.5	94.	20.45	51.7	63.0	49.0
23.	14.50	55.0	70.8	49.6	59.	17.50	54.7	76.4	48.7	95.	20.50	54.2	65.5	48.6
24.	14.55	56.0	69.7	48.7	60.	17.55	60.4	74.3	55.0	96.	20.55	49.9	62.4	48.2
25.	15.00	55.0	63.9	49.5	61.	18.00	57.0	74.5	49.4	97.	21.00	61.6	81.2	48.3
26.	15.05	56.0	67.8	49.0	62.	18.05	52.2	62.4	47.8	98.	21.05	56.7	76.5	48.4
27.	15.10	55.9	65.1	50.2	63.	18.10	51.7	60.2	47.5	99.	21.10	50.1	59.7	48.0
28.	15.15	54.4	63.2	49.7	64.	18.15	49.9	57.3	47.4	100.	21.15	56.6	73.9	49.2
29.	15.20	53.0	62.3	48.2	65.	18.20	50.3	56.7	47.5	101.	21.20	59.3	75.4	48.0
30.	15.25	52.3	67.7	47.9	66.	18.25	49.9	61.4	47.4	102.	21.25	56.3	78.1	48.4
31.	15.30	55.0	68.9	50.2	67.	18.30	53.1	71.7	48.9	103.	21.30	53.3	72.8	48.9
32.	15.35	53.9	60.3	49.9	68.	18.35	52.5	72.5	47.5	104.	21.35	53.7	73.0	48.6
33.	15.40	56.3	62.1	54.7	69.	18.40	50.3	62.1	47.4	105.	21.40	52.5	66.0	49.4
34.	15.45	56.9	73.5	53.4	70.	18.45	49.7	58.4	47.3	106.	21.45	58.3	82.0	49.7
35.	15.50	53.6	58.9	51.4	71.	18.50	54.9	75.3	48.7	107.	21.50	51.0	61.7	49.3
36.	15.55	55.5	70.5	52.2	72.	18.55	51.7	66.3	48.0	108.	21.55	58.5	78.1	48.2



Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(6/2-3)

บ้านใกล้โครงการฝั่งตรงข้ามอาคารโรงหลอม														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		15-16/02/23					15-16/02/23					15-16/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
109.	22.00	50.9	62.2	48.4	145.	01.00	53.0	74.2	47.0	181.	04.00	51.2	59.4	46.5
110.	22.05	55.4	74.0	49.0	146.	01.05	54.9	74.3	47.5	182.	04.05	53.2	70.0	45.6
111.	22.10	51.1	58.2	49.0	147.	01.10	55.2	72.0	47.7	183.	04.10	53.5	67.7	47.8
112.	22.15	51.7	68.6	48.4	148.	01.15	51.5	62.2	48.1	184.	04.15	54.3	61.3	50.7
113.	22.20	50.9	59.3	48.7	149.	01.20	50.0	56.5	47.9	185.	04.20	52.5	58.3	48.3
114.	22.25	52.5	59.1	49.1	150.	01.25	51.0	62.1	45.4	186.	04.25	52.6	70.7	47.1
115.	22.30	51.5	70.9	44.3	151.	01.30	54.2	62.9	47.1	187.	04.30	59.7	79.3	48.6
116.	22.35	50.2	72.9	45.9	152.	01.35	49.7	57.2	45.2	188.	04.35	53.6	69.9	47.1
117.	22.40	47.5	54.8	45.6	153.	01.40	54.9	62.6	48.3	189.	04.40	59.6	72.5	49.1
118.	22.45	47.1	56.7	45.1	154.	01.45	50.9	67.1	46.2	190.	04.45	62.7	86.6	50.6
119.	22.50	50.9	71.0	45.8	155.	01.50	55.6	63.8	48.4	191.	04.50	52.2	64.3	49.3
120.	22.55	52.1	63.6	46.7	156.	01.55	56.1	67.0	48.2	192.	04.55	54.2	64.7	49.4
121.	23.00	53.4	64.0	47.1	157.	02.00	55.6	63.6	49.4	193.	05.00	56.1	76.2	49.7
122.	23.05	50.4	58.7	46.5	158.	02.05	53.8	60.0	48.6	194.	05.05	55.7	72.9	49.6
123.	23.10	50.6	63.0	46.3	159.	02.10	53.1	62.6	48.0	195.	05.10	55.4	67.9	50.2
124.	23.15	50.4	62.5	46.4	160.	02.15	54.5	63.0	49.3	196.	05.15	51.9	62.5	49.2
125.	23.20	51.8	60.3	47.7	161.	02.20	51.9	58.8	48.0	197.	05.20	53.2	71.2	49.3
126.	23.25	52.4	65.0	47.8	162.	02.25	51.9	58.7	48.2	198.	05.25	53.3	66.3	48.9
127.	23.30	51.2	64.8	46.6	163.	02.30	53.0	58.7	48.0	199.	05.30	51.1	59.2	48.9
128.	23.35	50.2	62.8	46.1	164.	02.35	51.7	60.2	47.4	200.	05.35	51.4	63.3	48.9
129.	23.40	48.3	58.1	45.6	165.	02.40	51.7	70.4	47.5	201.	05.40	50.9	56.0	48.7
130.	23.45	54.2	74.2	46.6	166.	02.45	48.8	53.3	47.1	202.	05.45	58.2	74.0	49.6
131.	23.50	50.7	63.1	46.4	167.	02.50	55.1	71.8	50.2	203.	05.50	53.6	70.9	49.9
132.	23.55	48.6	56.9	45.7	168.	02.55	52.3	59.0	49.4	204.	05.55	55.3	68.1	49.7
133.	00.00	49.1	60.9	46.2	169.	03.00	51.6	56.3	48.5	205.	06.00	54.7	74.6	49.4
134.	00.05	49.3	63.0	46.3	170.	03.05	57.4	71.9	47.1	206.	06.05	57.7	71.3	49.9
135.	00.10	50.6	67.0	45.4	171.	03.10	49.9	56.9	46.4	207.	06.10	57.6	80.8	46.4
136.	00.15	49.3	61.8	45.6	172.	03.15	50.8	59.4	46.1	208.	06.15	52.1	67.8	46.3
137.	00.20	50.3	61.8	45.4	173.	03.20	51.8	57.9	46.4	209.	06.20	53.0	75.0	46.8
138.	00.25	53.1	73.2	46.4	174.	03.25	55.6	76.2	44.9	210.	06.25	50.4	59.7	46.5
139.	00.30	48.8	56.8	46.9	175.	03.30	52.1	61.9	45.9	211.	06.30	55.0	65.8	49.4
140.	00.35	51.1	71.8	46.9	176.	03.35	51.4	61.5	46.3	212.	06.35	63.0	83.3	47.1
141.	00.40	50.1	61.7	47.3	177.	03.40	50.7	62.0	44.3	213.	06.40	55.4	69.0	47.3
142.	00.45	49.5	64.9	45.9	178.	03.45	53.3	61.4	49.1	214.	06.45	57.7	72.6	49.6
143.	00.50	50.5	62.5	46.8	179.	03.50	54.2	69.3	50.0	215.	06.50	58.2	68.9	51.4
144.	00.55	49.5	62.3	46.2	180.	03.55	53.0	62.2	47.2	216.	06.55	54.1	66.7	49.7

**TET**

Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(6/3-3)

บ้านใกล้โครงการฝังตรงข้ามอาคารโรงหลอม														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		15-16/02/23					15-16/02/23					15-16/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
217.	07.00	53.6	61.9	50.0	241.	09.00	58.2	66.4	51.5	265.	11.00	56.2	63.8	51.9
218.	07.05	56.6	67.0	51.1	242.	09.05	56.8	64.1	52.6	266.	11.05	57.7	75.0	50.8
219.	07.10	56.5	71.3	50.0	243.	09.10	58.1	68.9	51.0	267.	11.10	53.3	63.7	49.2
220.	07.15	54.6	69.9	50.4	244.	09.15	56.9	69.5	50.8	268.	11.15	51.5	67.1	48.9
221.	07.20	59.2	75.5	50.2	245.	09.20	56.7	64.5	52.2	269.	11.20	53.8	62.1	49.6
222.	07.25	56.1	65.1	51.4	246.	09.25	57.6	65.5	53.5	270.	11.25	54.3	66.9	49.7
223.	07.30	56.3	72.9	49.7	247.	09.30	59.8	67.9	54.0	271.	11.30	55.8	62.9	50.2
224.	07.35	53.7	61.8	50.0	248.	09.35	59.5	66.6	54.7	272.	11.35	54.8	62.5	50.2
225.	07.40	54.3	69.4	49.7	249.	09.40	55.6	64.8	51.5	273.	11.40	55.5	64.5	51.1
226.	07.45	57.1	74.5	49.9	250.	09.45	59.0	70.2	50.3	274.	11.45	54.4	63.6	49.2
227.	07.50	55.7	69.0	50.7	251.	09.50	55.8	65.9	50.9	275.	11.50	51.6	58.0	48.4
228.	07.55	54.4	63.0	50.1	252.	09.55	55.8	64.2	51.5	276.	11.55	54.5	69.1	49.8
229.	08.00	54.9	63.3	51.1	253.	10.00	57.1	67.0	51.2	277.	12.00	53.6	63.4	50.1
230.	08.05	55.9	64.8	50.2	254.	10.05	57.3	64.7	51.6	278.	12.05	54.2	63.1	49.7
231.	08.10	57.2	72.9	51.0	255.	10.10	55.9	63.5	50.1	279.	12.10	53.8	63.5	49.8
232.	08.15	56.8	74.2	52.2	256.	10.15	58.4	74.1	52.9	280.	12.15	56.2	69.1	51.5
233.	08.20	58.3	65.9	52.6	257.	10.20	59.5	67.9	52.9	281.	12.20	54.0	64.8	50.6
234.	08.25	58.1	65.1	53.3	258.	10.25	58.5	65.9	52.6	282.	12.25	57.4	67.5	51.0
235.	08.30	59.2	67.4	52.7	259.	10.30	54.5	63.0	49.2	283.	12.30	55.8	71.3	50.2
236.	08.35	57.7	63.6	51.5	260.	10.35	54.5	66.1	50.2	284.	12.35	56.9	63.6	52.0
237.	08.40	54.4	65.1	49.6	261.	10.40	52.9	59.4	49.4	285.	12.40	54.4	59.7	50.4
238.	08.45	57.9	66.6	52.1	262.	10.45	58.9	71.8	51.1	286.	12.45	56.0	64.3	49.9
239.	08.50	55.9	65.4	50.2	263.	10.50	60.3	73.0	51.2	287.	12.50	58.7	78.7	50.6
240.	08.55	56.7	64.9	50.6	264.	10.55	61.1	71.4	51.0	288.	12.55	55.5	61.5	51.5

Wannasiri S.

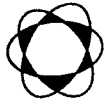
Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul

General Manager



Thai Environmental Technic Limited

บริษัท เทคโนโลยีสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP
 Project : โครงการผลิตขวดทองแดงส่วนขยายครั้งที่ 1
 Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม
 อำเภอบางปะกง จังหวัดฉะเชิงเทรา
 Contact : Tel. (038)-573 231-5
 Job No. : S660063/Feb/1

Report No. : 0425/2023/7-7
 Report Date : February 24, 2023
 Sampling Date : February 10-17, 2023
 Type of Sample : Sound Level

(7/1-3)

บ้านใกล้โครงการฝั่งตรงข้ามอาคารโรงหลอม														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		16-17/02/23					16-17/02/23					16-17/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
1.	13.00	57.2	63.3	51.5	37.	16.00	56.1	66.5	48.7	73.	19.00	53.0	62.2	47.5
2.	13.05	56.4	63.6	51.1	38.	16.05	55.5	63.1	48.5	74.	19.05	48.1	60.9	44.9
3.	13.10	55.6	64.8	50.6	39.	16.10	55.6	65.1	51.0	75.	19.10	52.5	61.1	46.7
4.	13.15	59.5	65.8	53.5	40.	16.15	53.4	63.3	46.9	76.	19.15	50.4	61.0	45.0
5.	13.20	57.7	66.8	51.4	41.	16.20	54.6	69.7	47.9	77.	19.20	52.6	59.9	47.6
6.	13.25	59.1	67.2	51.6	42.	16.25	56.8	69.7	49.7	78.	19.25	50.2	63.0	46.7
7.	13.30	60.0	77.2	52.6	43.	16.30	54.6	64.1	49.1	79.	19.30	51.3	64.1	46.2
8.	13.35	58.2	69.5	52.7	44.	16.35	54.1	71.6	45.9	80.	19.35	50.8	58.8	46.5
9.	13.40	59.6	69.4	51.1	45.	16.40	49.2	66.5	45.6	81.	19.40	51.9	59.3	46.0
10.	13.45	54.6	61.5	51.2	46.	16.45	50.7	62.0	45.4	82.	19.45	57.2	73.3	50.6
11.	13.50	56.1	67.8	51.8	47.	16.50	53.4	66.7	46.9	83.	19.50	60.0	78.6	49.9
12.	13.55	59.5	69.4	50.6	48.	16.55	52.9	60.7	48.7	84.	19.55	54.0	68.6	49.9
13.	14.00	57.5	64.8	52.2	49.	17.00	52.0	62.0	47.0	85.	20.00	53.3	69.2	48.8
14.	14.05	55.4	63.4	49.4	50.	17.05	52.9	63.7	47.0	86.	20.05	54.6	70.0	49.0
15.	14.10	56.9	64.5	51.0	51.	17.10	51.2	62.3	46.9	87.	20.10	56.2	67.8	49.4
16.	14.15	55.9	62.6	52.2	52.	17.15	51.4	61.6	47.1	88.	20.15	53.0	66.1	47.5
17.	14.20	55.4	63.1	48.4	53.	17.20	49.0	55.8	46.2	89.	20.20	53.5	65.1	50.2
18.	14.25	54.9	64.0	51.2	54.	17.25	52.6	59.3	48.5	90.	20.25	56.1	62.9	51.6
19.	14.30	55.7	64.6	50.8	55.	17.30	52.1	61.2	47.4	91.	20.30	54.4	62.0	51.1
20.	14.35	57.9	67.9	53.3	56.	17.35	50.5	56.8	47.2	92.	20.35	55.8	61.7	52.0
21.	14.40	54.6	62.1	49.5	57.	17.40	52.2	63.7	48.1	93.	20.40	54.5	66.2	50.9
22.	14.45	57.4	65.2	52.3	58.	17.45	51.4	60.7	47.8	94.	20.45	54.9	65.0	51.0
23.	14.50	57.0	66.9	52.1	59.	17.50	51.0	62.6	48.0	95.	20.50	57.9	73.7	51.9
24.	14.55	59.6	70.8	51.2	60.	17.55	54.9	66.0	49.0	96.	20.55	54.2	68.3	51.0
25.	15.00	57.6	67.4	51.6	61.	18.00	53.5	67.6	48.6	97.	21.00	54.8	65.4	50.8
26.	15.05	61.6	76.0	55.7	62.	18.05	51.7	68.5	47.2	98.	21.05	53.5	64.4	50.5
27.	15.10	59.9	73.5	55.1	63.	18.10	50.0	63.1	47.2	99.	21.10	56.9	69.2	51.6
28.	15.15	59.3	70.0	52.9	64.	18.15	56.8	70.5	46.7	100.	21.15	54.1	59.9	50.7
29.	15.20	54.2	64.6	49.4	65.	18.20	51.0	62.6	46.7	101.	21.20	52.8	58.4	50.4
30.	15.25	52.7	62.2	49.3	66.	18.25	52.0	64.1	46.3	102.	21.25	56.1	65.0	50.0
31.	15.30	54.4	64.9	50.6	67.	18.30	52.2	59.1	48.1	103.	21.30	52.7	64.8	49.5
32.	15.35	55.4	60.5	49.7	68.	18.35	53.8	64.2	47.2	104.	21.35	54.6	63.9	50.5
33.	15.40	55.7	73.7	48.4	69.	18.40	53.9	62.2	46.8	105.	21.40	52.6	61.2	50.2
34.	15.45	55.1	64.0	49.9	70.	18.45	54.1	68.3	46.9	106.	21.45	56.7	71.3	50.3
35.	15.50	54.5	62.1	49.7	71.	18.50	51.1	59.5	44.7	107.	21.50	53.9	65.3	50.8
36.	15.55	53.5	62.0	48.9	72.	18.55	48.9	63.2	45.9	108.	21.55	55.3	66.2	50.8



Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(7/2-3)

บ้านใกล้โครงการฝั่งตรงข้ามอาคารโรงหลอม														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		16-17/02/23					16-17/02/23					16-17/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
109.	22.00	54.7	65.1	50.9	145.	01.00	52.5	69.8	46.2	181.	04.00	52.6	63.6	46.8
110.	22.05	53.4	64.0	50.3	146.	01.05	50.7	61.2	46.0	182.	04.05	52.7	62.9	48.5
111.	22.10	55.8	71.8	50.9	147.	01.10	49.5	61.6	45.9	183.	04.10	54.5	71.3	48.4
112.	22.15	54.4	66.2	51.1	148.	01.15	48.8	60.3	45.0	184.	04.15	53.7	66.9	48.1
113.	22.20	57.1	62.4	51.7	149.	01.20	53.3	68.1	45.7	185.	04.20	53.3	68.5	49.6
114.	22.25	54.1	61.6	51.3	150.	01.25	50.9	65.6	45.7	186.	04.25	54.2	69.1	49.1
115.	22.30	54.7	63.8	51.0	151.	01.30	51.8	63.4	45.9	187.	04.30	52.3	61.8	49.1
116.	22.35	56.1	73.3	51.2	152.	01.35	49.6	59.6	46.2	188.	04.35	51.6	57.9	48.5
117.	22.40	55.1	65.6	51.5	153.	01.40	50.3	62.9	45.6	189.	04.40	52.1	58.6	48.9
118.	22.45	54.1	62.5	50.7	154.	01.45	51.5	63.0	45.3	190.	04.45	52.2	60.1	49.4
119.	22.50	54.9	63.0	50.5	155.	01.50	51.9	59.1	48.9	191.	04.50	53.8	62.8	49.4
120.	22.55	55.1	69.8	50.3	156.	01.55	52.2	58.4	47.7	192.	04.55	52.7	61.9	47.5
121.	23.00	54.2	74.7	49.6	157.	02.00	50.6	58.2	47.9	193.	05.00	49.9	56.3	46.7
122.	23.05	54.7	65.7	49.4	158.	02.05	50.8	65.2	47.7	194.	05.05	52.8	67.4	48.1
123.	23.10	53.7	65.7	49.6	159.	02.10	49.9	57.2	47.7	195.	05.10	51.9	61.7	48.4
124.	23.15	51.7	61.8	48.7	160.	02.15	49.1	52.9	46.8	196.	05.15	52.5	61.4	48.0
125.	23.20	52.4	65.6	48.4	161.	02.20	50.8	61.8	47.1	197.	05.20	52.1	61.8	48.1
126.	23.25	54.8	72.8	47.8	162.	02.25	51.1	66.0	48.7	198.	05.25	54.5	67.4	49.8
127.	23.30	53.1	60.4	50.9	163.	02.30	50.5	58.5	48.2	199.	05.30	52.3	63.1	48.9
128.	23.35	57.4	70.9	51.0	164.	02.35	52.2	70.9	47.6	200.	05.35	53.1	61.3	49.3
129.	23.40	53.6	61.8	50.4	165.	02.40	50.9	66.8	47.0	201.	05.40	52.3	61.0	49.1
130.	23.45	53.8	67.5	49.9	166.	02.45	51.0	62.5	47.4	202.	05.45	54.0	65.7	48.9
131.	23.50	52.4	61.5	49.2	167.	02.50	50.2	56.9	47.6	203.	05.50	53.6	65.5	49.6
132.	23.55	52.3	67.0	48.4	168.	02.55	48.9	58.2	46.8	204.	05.55	54.2	63.1	49.7
133.	00.00	52.3	59.7	49.2	169.	03.00	49.3	57.1	46.8	205.	06.00	54.5	66.4	49.8
134.	00.05	52.6	62.4	49.0	170.	03.05	52.4	70.2	45.2	206.	06.05	53.1	64.6	49.4
135.	00.10	53.2	68.5	48.5	171.	03.10	51.7	61.6	44.8	207.	06.10	55.4	66.4	51.0
136.	00.15	52.1	65.9	47.5	172.	03.15	50.6	63.1	45.1	208.	06.15	54.9	68.5	50.7
137.	00.20	52.8	66.5	47.2	173.	03.20	50.9	61.9	45.7	209.	06.20	54.9	70.8	51.0
138.	00.25	53.1	62.3	48.2	174.	03.25	52.5	60.4	47.3	210.	06.25	57.3	72.3	51.6
139.	00.30	52.1	63.6	47.5	175.	03.30	50.3	61.6	44.8	211.	06.30	53.8	61.6	50.5
140.	00.35	51.1	61.8	47.7	176.	03.35	52.7	63.1	46.7	212.	06.35	55.1	65.8	51.5
141.	00.40	55.1	74.0	47.0	177.	03.40	51.7	65.3	45.4	213.	06.40	55.6	70.0	51.4
142.	00.45	52.1	64.4	46.9	178.	03.45	53.5	67.8	43.0	214.	06.45	55.5	67.9	51.6
143.	00.50	53.2	68.3	46.5	179.	03.50	52.2	72.0	47.0	215.	06.50	55.4	72.4	51.1
144.	00.55	53.0	70.3	46.7	180.	03.55	53.2	70.6	46.9	216.	06.55	58.2	78.6	51.7



Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(7/3-3)

บ้านใกล้โครงการฝั่งตรงข้ามอาคารโรงหลอม														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		16-17/02/23					16-17/02/23					16-17/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
217.	07.00	55.3	64.6	52.4	241.	09.00	55.2	69.9	50.5	265.	11.00	55.5	61.6	49.8
218.	07.05	55.2	62.0	52.2	242.	09.05	57.2	70.8	50.9	266.	11.05	54.7	61.9	49.4
219.	07.10	54.4	64.9	51.8	243.	09.10	55.4	70.4	50.9	267.	11.10	53.9	63.1	48.9
220.	07.15	55.6	67.9	51.3	244.	09.15	53.4	61.3	50.5	268.	11.15	57.8	64.1	51.8
221.	07.20	54.4	66.6	50.9	245.	09.20	54.6	62.8	50.6	269.	11.20	57.8	67.7	48.9
222.	07.25	55.2	65.5	51.1	246.	09.25	57.1	71.6	50.8	270.	11.25	55.8	63.1	50.5
223.	07.30	53.9	61.4	51.7	247.	09.30	54.0	62.2	50.1	271.	11.30	56.0	65.1	49.7
224.	07.35	53.7	63.0	51.2	248.	09.35	54.8	68.3	51.0	272.	11.35	57.4	65.5	49.9
225.	07.40	54.0	61.5	51.5	249.	09.40	54.5	64.0	51.4	273.	11.40	58.3	75.5	50.9
226.	07.45	54.4	70.9	50.2	250.	09.45	53.2	59.2	50.5	274.	11.45	56.5	67.8	51.0
227.	07.50	54.0	64.6	50.2	251.	09.50	54.0	67.3	50.3	275.	11.50	57.9	67.7	49.4
228.	07.55	56.7	75.8	49.4	252.	09.55	54.4	64.4	50.3	276.	11.55	52.9	59.8	49.5
229.	08.00	59.6	72.7	51.8	253.	10.00	55.0	62.7	51.1	277.	12.00	54.4	66.1	50.1
230.	08.05	53.2	65.6	50.2	254.	10.05	53.9	62.4	50.6	278.	12.05	53.7	61.7	47.7
231.	08.10	53.7	63.1	49.6	255.	10.10	58.5	71.3	50.6	279.	12.10	55.2	62.8	49.3
232.	08.15	53.2	66.2	49.6	256.	10.15	55.4	67.5	50.8	280.	12.15	54.2	60.9	50.5
233.	08.20	53.7	61.9	49.7	257.	10.20	57.5	77.2	49.1	281.	12.20	53.7	61.4	46.7
234.	08.25	54.1	69.2	49.8	258.	10.25	55.7	65.8	49.3	282.	12.25	53.2	62.3	49.5
235.	08.30	54.6	71.7	50.8	259.	10.30	54.1	69.6	48.5	283.	12.30	54.0	62.9	49.1
236.	08.35	55.5	67.3	50.4	260.	10.35	55.2	61.9	50.3	284.	12.35	56.2	66.2	51.6
237.	08.40	54.8	62.3	51.4	261.	10.40	52.7	58.0	48.7	285.	12.40	52.9	60.4	47.8
238.	08.45	54.8	63.4	52.2	262.	10.45	54.3	62.6	48.2	286.	12.45	55.7	63.5	50.6
239.	08.50	55.2	65.0	51.5	263.	10.50	57.0	77.0	48.9	287.	12.50	55.3	65.2	50.4
240.	08.55	54.3	63.6	51.3	264.	10.55	53.8	59.8	49.8	288.	12.55	57.9	69.1	49.5

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager



Thai Environmental Technic Limited

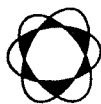
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP
 Project : โครงการผลิตขวดทองแดงส่วนขยายครั้งที่ 1
 Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม
 อำเภอบางปะกง จังหวัดฉะเชิงเทรา
 Contact : Tel. (038)-573 231-5
 Job No. : S660063/Feb/1

Report No. : 0425/2023/1-7
 Report Date : February 24, 2023
 Sampling Date : February 10-17, 2023
 Type of Sample : Sound Level

(1/1-3)

บ้านใกล้ด้านหน้าโครงการ														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		10-11/02/23					10-11/02/23					10-11/02/23		
		Leq	Lmax	L90			Leq	Lmax	L90			Leq	Lmax	L90
1.	13.00	63.7	85.9	52.5	37.	16.00	53.0	68.3	50.7	73.	19.00	52.8	64.3	50.1
2.	13.05	51.9	62.2	50.0	38.	16.05	53.0	68.0	50.8	74.	19.05	54.1	64.6	50.6
3.	13.10	51.9	62.5	50.0	39.	16.10	52.7	65.4	50.5	75.	19.10	53.0	67.9	50.3
4.	13.15	52.0	64.3	49.4	40.	16.15	54.3	68.9	51.3	76.	19.15	54.1	69.7	50.0
5.	13.20	52.6	65.4	49.0	41.	16.20	52.7	62.8	50.3	77.	19.20	53.4	70.8	49.7
6.	13.25	53.4	69.9	50.5	42.	16.25	53.0	67.7	49.7	78.	19.25	54.8	77.5	50.1
7.	13.30	53.8	66.7	50.7	43.	16.30	52.2	61.5	50.1	79.	19.30	54.0	66.7	50.1
8.	13.35	54.4	69.2	51.9	44.	16.35	52.6	66.7	50.1	80.	19.35	53.7	68.1	51.0
9.	13.40	52.9	63.4	49.8	45.	16.40	56.2	78.5	52.2	81.	19.40	52.7	66.7	49.7
10.	13.45	53.8	68.0	50.9	46.	16.45	56.4	74.1	51.7	82.	19.45	52.9	63.0	49.3
11.	13.50	52.9	65.6	49.4	47.	16.50	53.6	61.8	51.2	83.	19.50	51.5	62.3	49.0
12.	13.55	55.7	63.8	52.1	48.	16.55	54.4	73.2	49.8	84.	19.55	51.7	64.7	49.2
13.	14.00	52.5	63.3	49.7	49.	17.00	54.9	71.3	49.9	85.	20.00	51.1	59.9	48.4
14.	14.05	52.6	64.0	49.3	50.	17.05	54.0	65.9	50.6	86.	20.05	53.0	63.5	49.3
15.	14.10	52.3	62.3	49.4	51.	17.10	53.0	67.4	50.3	87.	20.10	52.7	77.2	48.2
16.	14.15	51.6	60.4	49.2	52.	17.15	53.0	64.7	50.6	88.	20.15	51.2	67.9	48.9
17.	14.20	51.3	64.8	48.0	53.	17.20	52.7	65.4	49.8	89.	20.20	52.0	65.4	49.2
18.	14.25	51.4	63.4	48.7	54.	17.25	52.6	70.2	49.9	90.	20.25	52.4	68.6	50.5
19.	14.30	50.9	62.7	48.2	55.	17.30	52.3	61.8	49.8	91.	20.30	51.5	67.6	49.2
20.	14.35	51.4	65.7	47.5	56.	17.35	52.6	67.2	50.2	92.	20.35	60.8	72.0	53.2
21.	14.40	51.6	68.2	47.8	57.	17.40	53.8	70.4	51.4	93.	20.40	56.4	71.2	52.8
22.	14.45	52.9	70.5	48.2	58.	17.45	56.9	83.0	50.5	94.	20.45	60.0	65.2	53.2
23.	14.50	53.7	63.7	49.1	59.	17.50	53.5	64.1	51.0	95.	20.50	60.8	72.0	53.6
24.	14.55	51.2	64.6	48.0	60.	17.55	53.8	67.3	51.5	96.	20.55	56.2	71.7	53.2
25.	15.00	53.6	70.5	49.2	61.	18.00	53.2	69.3	50.6	97.	21.00	60.0	65.4	49.2
26.	15.05	52.2	66.6	49.3	62.	18.05	66.8	74.8	52.0	98.	21.05	52.3	72.5	48.7
27.	15.10	51.6	65.3	49.2	63.	18.10	62.2	73.9	50.2	99.	21.10	59.4	66.9	48.6
28.	15.15	53.5	66.5	49.9	64.	18.15	52.6	63.2	50.2	100.	21.15	55.0	72.4	49.1
29.	15.20	52.1	61.9	49.7	65.	18.20	52.9	68.5	49.2	101.	21.20	61.0	69.9	49.6
30.	15.25	53.1	62.1	51.0	66.	18.25	52.1	61.0	49.2	102.	21.25	58.1	73.1	48.5
31.	15.30	52.9	64.4	50.5	67.	18.30	56.7	72.2	49.2	103.	21.30	51.5	67.7	49.1
32.	15.35	52.5	61.7	50.4	68.	18.35	52.9	66.1	49.9	104.	21.35	50.9	63.8	48.5
33.	15.40	52.2	62.0	50.1	69.	18.40	52.2	67.2	49.6	105.	21.40	51.4	67.2	46.6
34.	15.45	52.7	62.2	50.5	70.	18.45	53.2	62.7	50.9	106.	21.45	57.0	86.8	45.9
35.	15.50	53.1	71.8	50.0	71.	18.50	52.7	68.6	50.6	107.	21.50	54.7	72.1	46.9
36.	15.55	53.0	66.5	51.0	72.	18.55	54.1	66.5	51.1	108.	21.55	53.1	73.0	46.3



บ้านใกล้ด้านหน้าโครงการ														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		10-11/02/23					10-11/02/23					10-11/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
109.	22.00	52.9	67.8	47.1	145.	01.00	49.4	57.1	48.4	181.	04.00	48.4	55.1	47.5
110.	22.05	51.0	68.5	47.7	146.	01.05	48.9	54.6	47.9	182.	04.05	49.1	53.8	48.3
111.	22.10	49.8	56.5	48.4	147.	01.10	48.7	53.0	48.1	183.	04.10	48.6	53.7	47.7
112.	22.15	52.1	63.6	48.9	148.	01.15	49.4	58.1	48.2	184.	04.15	49.6	57.3	48.3
113.	22.20	50.7	58.8	49.0	149.	01.20	49.0	57.7	48.0	185.	04.20	49.0	54.6	48.3
114.	22.25	50.5	57.8	48.8	150.	01.25	49.1	56.6	48.1	186.	04.25	49.4	53.6	48.8
115.	22.30	51.0	69.9	49.4	151.	01.30	50.8	66.8	48.9	187.	04.30	49.2	52.7	48.5
116.	22.35	50.3	59.2	49.1	152.	01.35	49.0	52.4	48.2	188.	04.35	49.7	55.2	49.0
117.	22.40	50.9	63.6	49.0	153.	01.40	49.2	57.9	48.4	189.	04.40	52.1	59.4	49.4
118.	22.45	50.2	58.6	48.3	154.	01.45	49.1	53.2	48.5	190.	04.45	55.8	61.2	53.8
119.	22.50	51.5	69.2	48.4	155.	01.50	49.1	54.8	48.3	191.	04.50	55.6	63.6	49.8
120.	22.55	49.7	55.1	48.5	156.	01.55	49.0	55.2	48.3	192.	04.55	50.4	63.8	48.8
121.	23.00	50.6	63.7	49.3	157.	02.00	49.3	60.3	48.3	193.	05.00	50.2	58.0	49.1
122.	23.05	49.7	60.2	48.4	158.	02.05	51.5	57.3	48.7	194.	05.05	48.9	52.6	48.3
123.	23.10	48.9	55.6	47.8	159.	02.10	55.9	62.5	51.5	195.	05.10	49.4	53.0	48.7
124.	23.15	49.1	55.9	47.8	160.	02.15	51.1	58.2	49.2	196.	05.15	49.1	53.5	48.4
125.	23.20	49.3	56.2	48.3	161.	02.20	49.7	58.8	49.0	197.	05.20	48.7	54.5	48.0
126.	23.25	53.0	61.2	48.9	162.	02.25	49.2	58.1	48.5	198.	05.25	48.9	53.3	48.2
127.	23.30	49.8	60.8	47.2	163.	02.30	50.2	66.1	48.6	199.	05.30	48.5	52.1	48.2
128.	23.35	48.7	60.7	46.4	164.	02.35	49.1	53.5	48.6	200.	05.35	48.8	53.9	48.1
129.	23.40	51.4	74.1	46.4	165.	02.40	49.3	64.3	48.4	201.	05.40	49.2	54.4	48.5
130.	23.45	49.8	63.0	47.2	166.	02.45	48.7	53.0	48.1	202.	05.45	49.2	55.9	48.7
131.	23.50	49.1	60.5	47.3	167.	02.50	49.0	52.4	48.2	203.	05.50	48.5	55.3	47.9
132.	23.55	51.1	68.3	47.7	168.	02.55	49.8	61.3	48.6	204.	05.55	48.5	57.4	46.8
133.	00.00	48.8	59.0	48.1	169.	03.00	48.9	54.4	48.2	205.	06.00	47.6	56.8	46.3
134.	00.05	49.5	60.4	48.1	170.	03.05	48.7	61.9	47.5	206.	06.05	47.1	53.6	46.4
135.	00.10	50.9	67.9	47.9	171.	03.10	48.3	56.9	47.7	207.	06.10	47.4	55.8	46.2
136.	00.15	49.0	56.2	48.2	172.	03.15	48.3	53.6	47.6	208.	06.15	47.1	55.0	45.8
137.	00.20	49.1	54.2	48.3	173.	03.20	48.3	52.9	47.7	209.	06.20	47.3	60.2	45.5
138.	00.25	48.9	54.5	47.4	174.	03.25	48.6	54.6	47.9	210.	06.25	46.9	55.5	45.8
139.	00.30	50.3	65.4	47.2	175.	03.30	48.8	53.3	48.1	211.	06.30	47.0	54.1	46.3
140.	00.35	48.8	56.1	47.9	176.	03.35	52.5	69.1	48.8	212.	06.35	47.1	53.7	46.1
141.	00.40	48.5	57.5	47.9	177.	03.40	49.2	54.8	48.2	213.	06.40	47.3	54.6	46.3
142.	00.45	51.1	67.0	48.1	178.	03.45	48.5	54.8	47.6	214.	06.45	48.1	60.0	46.2
143.	00.50	49.4	58.3	48.3	179.	03.50	48.1	54.6	47.3	215.	06.50	48.2	54.3	46.4
144.	00.55	49.8	57.9	48.7	180.	03.55	48.0	56.4	47.4	216.	06.55	48.9	62.5	47.0



Thai Environmental Technic Limited
บริษัท เทคโนโลยีสิ่งแวดล้อมไทย จำกัด

(1/3-3)

บ้านใกล้ด้านหน้าโครงการ														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		10-11/02/23					10-11/02/23					10-11/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
217.	07.00	49.1	56.8	47.7	241.	09.00	54.9	71.2	48.3	265.	11.00	52.6	65.2	49.5
218.	07.05	51.4	66.1	47.5	242.	09.05	52.3	65.0	48.4	266.	11.05	51.2	61.0	48.5
219.	07.10	48.4	56.4	46.8	243.	09.10	52.8	64.8	48.9	267.	11.10	52.6	68.5	47.0
220.	07.15	47.9	56.7	45.8	244.	09.15	54.7	70.9	48.4	268.	11.15	53.1	77.2	48.3
221.	07.20	47.9	58.0	45.9	245.	09.20	54.5	71.3	49.2	269.	11.20	52.0	69.4	49.1
222.	07.25	47.3	56.2	45.8	246.	09.25	51.5	62.5	48.6	270.	11.25	53.0	68.7	49.8
223.	07.30	48.6	54.2	46.4	247.	09.30	53.5	77.6	47.8	271.	11.30	52.4	68.3	49.6
224.	07.35	48.1	59.4	46.8	248.	09.35	54.1	68.6	49.5	272.	11.35	51.7	64.8	48.7
225.	07.40	50.8	59.8	48.7	249.	09.40	56.8	74.0	48.3	273.	11.40	51.5	66.1	48.1
226.	07.45	49.5	57.9	47.6	250.	09.45	58.7	81.0	48.2	274.	11.45	51.5	64.8	47.8
227.	07.50	49.7	61.5	47.5	251.	09.50	53.0	67.6	47.9	275.	11.50	52.6	65.7	49.2
228.	07.55	53.2	71.3	47.0	252.	09.55	51.4	66.0	47.7	276.	11.55	52.1	72.3	48.6
229.	08.00	60.0	78.0	48.3	253.	10.00	51.7	70.5	47.6	277.	12.00	53.9	74.8	48.0
230.	08.05	59.2	71.1	50.4	254.	10.05	52.7	77.3	47.1	278.	12.05	55.2	68.9	50.1
231.	08.10	60.8	75.9	49.3	255.	10.10	52.5	66.4	47.5	279.	12.10	53.2	66.7	49.3
232.	08.15	56.5	70.7	50.0	256.	10.15	49.8	64.0	46.3	280.	12.15	52.2	62.8	49.3
233.	08.20	56.3	74.6	50.3	257.	10.20	49.9	67.1	46.8	281.	12.20	52.7	64.7	49.5
234.	08.25	55.3	63.1	52.5	258.	10.25	52.5	71.7	48.1	282.	12.25	54.8	67.0	51.1
235.	08.30	51.9	67.4	49.1	259.	10.30	52.7	71.0	49.2	283.	12.30	52.6	67.0	48.8
236.	08.35	51.8	61.9	48.5	260.	10.35	51.7	66.4	47.2	284.	12.35	52.5	63.2	49.8
237.	08.40	52.3	67.5	48.3	261.	10.40	51.8	65.9	47.9	285.	12.40	53.1	62.3	50.5
238.	08.45	51.7	60.9	48.8	262.	10.45	51.9	62.6	48.6	286.	12.45	54.1	68.1	52.0
239.	08.50	55.5	71.8	48.9	263.	10.50	52.2	68.6	48.3	287.	12.50	53.8	69.2	50.7
240.	08.55	53.2	67.5	48.9	264.	10.55	53.4	69.2	49.2	288.	12.55	52.3	61.1	49.2

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager



Thai Environmental Technic Limited

บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP
 Project : โครงการผลิตขวดทองแดงส่วนขยายครั้งที่ 1
 Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม
 อำเภอบางปะกง จังหวัดฉะเชิงเทรา
 Contact : Tel. (038)-573 231-5
 Job No. : S660063/Feb/1

Report No. : 0425/2023/2-7
 Report Date : February 24, 2023
 Sampling Date : February 10-17, 2023
 Type of Sample : Sound Level

(2/1-3)

บ้านใกล้ด้านหน้าโครงการ														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		11-12/02/23					11-12/02/23					11-12/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
1.	13.00	52.5	62.9	50.0	37.	16.00	59.5	73.9	51.6	73.	19.00	53.9	62.2	52.0
2.	13.05	52.8	63.7	50.4	38.	16.05	60.8	79.6	53.3	74.	19.05	54.3	66.6	51.1
3.	13.10	56.2	79.0	50.3	39.	16.10	60.7	71.9	52.9	75.	19.10	56.2	75.9	51.4
4.	13.15	55.1	61.0	52.7	40.	16.15	61.0	70.6	52.8	76.	19.15	53.0	68.7	50.4
5.	13.20	53.6	70.9	49.9	41.	16.20	58.8	75.4	53.0	77.	19.20	52.1	63.1	49.7
6.	13.25	53.7	60.5	51.6	42.	16.25	60.2	72.0	53.2	78.	19.25	53.4	70.7	50.1
7.	13.30	52.8	66.5	51.0	43.	16.30	62.0	71.2	53.6	79.	19.30	53.3	64.3	50.7
8.	13.35	55.1	75.4	49.8	44.	16.35	58.6	71.0	52.1	80.	19.35	56.0	64.7	51.6
9.	13.40	52.7	65.1	50.2	45.	16.40	61.5	67.7	52.9	81.	19.40	52.9	64.3	50.5
10.	13.45	51.5	62.2	49.2	46.	16.45	59.5	70.7	52.9	82.	19.45	52.6	60.3	50.6
11.	13.50	51.5	69.3	48.8	47.	16.50	59.4	71.0	52.7	83.	19.50	51.6	65.9	49.4
12.	13.55	49.9	60.7	48.0	48.	16.55	62.2	65.6	53.0	84.	19.55	60.1	73.5	50.8
13.	14.00	50.5	60.9	48.4	49.	17.00	60.8	70.3	53.0	85.	20.00	55.2	71.5	50.0
14.	14.05	51.4	67.0	48.9	50.	17.05	62.9	66.0	62.5	86.	20.05	53.0	69.6	49.5
15.	14.10	51.2	64.7	48.1	51.	17.10	59.1	70.4	52.7	87.	20.10	54.7	66.5	51.2
16.	14.15	54.3	68.0	50.1	52.	17.15	61.4	70.5	49.9	88.	20.15	52.9	58.4	50.2
17.	14.20	55.0	68.1	52.2	53.	17.20	50.7	59.1	49.0	89.	20.20	51.5	62.8	49.5
18.	14.25	52.3	63.2	50.0	54.	17.25	51.2	68.5	49.2	90.	20.25	51.6	64.8	48.4
19.	14.30	50.4	57.7	47.8	55.	17.30	52.2	70.8	48.8	91.	20.30	50.8	64.8	48.5
20.	14.35	52.1	67.4	48.2	56.	17.35	62.4	70.7	53.2	92.	20.35	51.3	68.2	48.6
21.	14.40	52.6	71.8	49.6	57.	17.40	59.0	70.4	52.6	93.	20.40	50.7	62.5	47.9
22.	14.45	51.0	63.7	48.0	58.	17.45	61.6	65.3	50.3	94.	20.45	49.9	59.4	47.6
23.	14.50	56.3	76.1	49.3	59.	17.50	61.7	81.4	49.7	95.	20.50	50.5	60.8	47.6
24.	14.55	52.5	67.6	50.0	60.	17.55	60.3	76.8	49.8	96.	20.55	50.1	59.4	48.0
25.	15.00	50.7	60.7	48.7	61.	18.00	57.0	70.2	49.3	97.	21.00	52.2	65.1	49.3
26.	15.05	56.9	73.1	48.9	62.	18.05	51.8	64.0	49.1	98.	21.05	52.0	68.7	50.0
27.	15.10	53.7	69.6	49.6	63.	18.10	51.2	59.3	49.4	99.	21.10	51.8	64.5	49.8
28.	15.15	55.8	71.7	49.5	64.	18.15	53.1	65.2	50.0	100.	21.15	51.0	61.3	49.4
29.	15.20	58.2	80.0	48.6	65.	18.20	50.9	58.3	49.0	101.	21.20	51.6	64.7	49.3
30.	15.25	53.2	66.8	49.6	66.	18.25	52.1	60.9	49.6	102.	21.25	52.5	69.4	49.4
31.	15.30	53.8	67.2	50.4	67.	18.30	51.3	63.6	49.1	103.	21.30	52.4	67.6	49.4
32.	15.35	54.0	71.7	48.8	68.	18.35	52.4	72.5	49.3	104.	21.35	51.1	70.7	46.3
33.	15.40	53.1	62.6	50.7	69.	18.40	53.1	66.6	51.2	105.	21.40	48.4	59.8	46.1
34.	15.45	52.4	64.5	50.1	70.	18.45	54.8	72.6	52.2	106.	21.45	50.7	68.7	45.9
35.	15.50	53.1	65.0	50.1	71.	18.50	53.7	73.4	51.5	107.	21.50	49.8	65.7	45.9
36.	15.55	53.4	65.6	50.6	72.	18.55	57.7	71.5	52.5	108.	21.55	50.3	69.6	45.8



Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(2/2-3)

บ้านใกล้ด้านหน้าโครงการ														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		11-12/02/23					11-12/02/23					11-12/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
109.	22.00	49.0	62.4	46.1	145.	01.00	44.9	58.2	43.2	181.	04.00	46.2	51.0	45.2
110.	22.05	48.9	60.5	46.1	146.	01.05	45.8	57.7	43.4	182.	04.05	46.3	52.7	45.3
111.	22.10	48.9	70.4	45.4	147.	01.10	46.9	65.2	43.6	183.	04.10	46.4	53.3	45.6
112.	22.15	48.7	61.8	45.6	148.	01.15	45.9	57.1	44.1	184.	04.15	44.9	52.6	44.0
113.	22.20	48.5	64.5	45.5	149.	01.20	45.0	52.0	43.9	185.	04.20	45.3	53.6	43.9
114.	22.25	51.7	67.4	46.1	150.	01.25	45.1	57.0	43.3	186.	04.25	44.2	56.8	43.1
115.	22.30	46.7	53.3	44.9	151.	01.30	45.6	54.2	44.0	187.	04.30	45.3	63.2	41.9
116.	22.35	47.1	58.2	44.8	152.	01.35	45.4	55.2	43.5	188.	04.35	41.9	46.9	41.3
117.	22.40	47.9	60.9	45.1	153.	01.40	46.2	58.4	43.4	189.	04.40	42.6	50.4	41.4
118.	22.45	49.1	62.0	44.9	154.	01.45	46.9	69.0	42.9	190.	04.45	42.6	51.5	41.6
119.	22.50	50.7	71.2	45.1	155.	01.50	48.5	65.3	43.2	191.	04.50	43.2	51.9	42.0
120.	22.55	47.4	69.0	44.1	156.	01.55	47.2	59.5	45.3	192.	04.55	49.7	70.3	41.9
121.	23.00	48.0	63.2	44.4	157.	02.00	45.9	51.2	45.0	193.	05.00	42.7	51.1	41.7
122.	23.05	46.1	53.6	44.3	158.	02.05	46.4	54.8	45.2	194.	05.05	42.9	54.0	41.4
123.	23.10	47.9	60.0	44.6	159.	02.10	48.0	60.1	45.1	195.	05.10	46.0	61.9	41.7
124.	23.15	49.6	67.0	45.0	160.	02.15	47.6	63.0	45.7	196.	05.15	43.4	57.0	41.7
125.	23.20	46.6	57.1	44.5	161.	02.20	46.8	57.6	45.2	197.	05.20	43.6	56.1	41.5
126.	23.25	46.1	52.8	44.3	162.	02.25	47.5	63.5	44.9	198.	05.25	44.1	55.4	42.1
127.	23.30	45.3	57.0	43.7	163.	02.30	48.0	61.3	44.5	199.	05.30	43.4	52.3	41.7
128.	23.35	47.1	61.2	42.7	164.	02.35	46.7	58.8	44.4	200.	05.35	43.2	54.1	41.3
129.	23.40	46.8	58.6	42.6	165.	02.40	47.4	57.7	44.7	201.	05.40	43.7	56.4	41.9
130.	23.45	45.0	58.0	42.5	166.	02.45	47.0	63.9	45.0	202.	05.45	45.2	50.7	44.5
131.	23.50	45.9	54.8	43.5	167.	02.50	49.0	65.0	44.7	203.	05.50	45.3	54.4	44.0
132.	23.55	45.1	53.9	42.9	168.	02.55	47.5	58.0	45.6	204.	05.55	45.3	53.0	44.0
133.	00.00	45.3	53.8	43.2	169.	03.00	45.9	56.3	44.7	205.	06.00	46.0	54.8	44.6
134.	00.05	45.8	54.4	44.6	170.	03.05	45.4	50.5	44.6	206.	06.05	46.3	55.1	45.2
135.	00.10	47.0	62.2	44.9	171.	03.10	46.2	52.1	45.1	207.	06.10	48.3	69.8	45.9
136.	00.15	46.7	59.0	45.0	172.	03.15	46.1	59.2	44.6	208.	06.15	49.6	71.4	46.4
137.	00.20	47.6	61.5	44.8	173.	03.20	46.3	59.0	44.7	209.	06.20	46.9	53.2	45.4
138.	00.25	47.0	55.0	45.1	174.	03.25	45.5	51.2	44.8	210.	06.25	47.3	63.7	45.1
139.	00.30	46.9	56.4	45.2	175.	03.30	45.9	53.5	45.0	211.	06.30	46.2	54.8	44.9
140.	00.35	47.3	60.4	44.8	176.	03.35	46.1	51.3	45.1	212.	06.35	46.0	53.1	45.1
141.	00.40	45.2	56.7	43.4	177.	03.40	46.3	59.7	45.0	213.	06.40	46.9	54.0	45.8
142.	00.45	45.9	52.4	44.2	178.	03.45	46.5	51.2	45.4	214.	06.45	47.1	54.5	46.0
143.	00.50	45.4	55.7	43.4	179.	03.50	46.4	53.5	45.5	215.	06.50	47.8	59.8	46.4
144.	00.55	45.8	59.5	43.6	180.	03.55	46.1	51.6	45.3	216.	06.55	47.8	55.7	46.6

**TET**

Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(2/3-3)

บ้านใกล้ด้านหน้าโครงการ														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		11-12/02/23					11-12/02/23					11-12/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
217.	07.00	48.0	52.8	46.9	241.	09.00	52.0	63.8	47.4	265.	11.00	50.5	65.0	46.8
218.	07.05	48.7	56.7	47.8	242.	09.05	51.7	66.0	47.6	266.	11.05	49.0	61.7	45.1
219.	07.10	50.9	65.9	47.8	243.	09.10	53.0	65.1	49.0	267.	11.10	50.4	63.9	45.7
220.	07.15	49.1	59.2	47.9	244.	09.15	50.7	60.5	47.7	268.	11.15	50.9	67.2	46.4
221.	07.20	48.3	53.1	47.5	245.	09.20	52.0	61.9	48.8	269.	11.20	48.3	57.5	45.7
222.	07.25	49.2	60.2	47.7	246.	09.25	51.8	65.5	48.3	270.	11.25	49.8	64.0	46.1
223.	07.30	49.3	62.2	47.6	247.	09.30	51.4	64.2	47.5	271.	11.30	50.6	69.7	46.7
224.	07.35	48.3	62.3	47.1	248.	09.35	54.3	71.6	48.1	272.	11.35	51.1	63.6	46.5
225.	07.40	50.3	63.7	47.3	249.	09.40	53.8	66.8	48.2	273.	11.40	52.3	68.0	47.7
226.	07.45	50.2	64.8	47.0	250.	09.45	52.2	70.9	47.6	274.	11.45	53.8	65.8	49.9
227.	07.50	49.4	60.6	47.6	251.	09.50	52.7	64.9	48.3	275.	11.50	52.8	63.9	49.1
228.	07.55	48.6	54.2	47.3	252.	09.55	49.7	68.0	46.4	276.	11.55	52.7	68.4	48.5
229.	08.00	48.6	63.1	46.8	253.	10.00	50.4	64.8	47.4	277.	12.00	52.6	63.0	49.0
230.	08.05	55.1	72.0	46.4	254.	10.05	51.5	64.4	48.1	278.	12.05	52.1	60.9	49.3
231.	08.10	54.8	70.6	47.6	255.	10.10	52.3	64.4	48.2	279.	12.10	51.8	64.6	49.3
232.	08.15	54.0	69.2	48.0	256.	10.15	51.3	60.5	48.6	280.	12.15	51.2	62.9	46.7
233.	08.20	54.2	70.5	48.3	257.	10.20	50.7	60.6	47.7	281.	12.20	50.9	62.2	45.7
234.	08.25	54.3	69.8	48.1	258.	10.25	50.8	66.0	46.1	282.	12.25	50.1	64.5	45.9
235.	08.30	59.8	77.3	47.5	259.	10.30	50.9	64.2	46.4	283.	12.30	51.1	63.2	47.1
236.	08.35	51.2	63.6	47.1	260.	10.35	51.2	69.5	46.1	284.	12.35	51.0	69.3	47.2
237.	08.40	52.0	62.3	48.1	261.	10.40	49.6	62.7	45.8	285.	12.40	52.1	61.6	48.6
238.	08.45	54.3	72.3	47.1	262.	10.45	49.5	62.3	46.1	286.	12.45	50.6	65.7	47.0
239.	08.50	52.5	73.1	47.1	263.	10.50	51.1	66.5	47.1	287.	12.50	51.2	60.0	46.8
240.	08.55	51.9	62.9	48.7	264.	10.55	52.6	65.2	48.6	288.	12.55	51.9	63.3	46.0

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager



Thai Environmental Technic Limited

บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP
 Project : โครงการผลิตขวดทองแดงส่วนขยายครั้งที่ 1
 Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม
 อำเภอบางปะกง จังหวัดฉะเชิงเทรา
 Contact : Tel. (038)-573 231-5
 Job No. : S660063/Feb/1

Report No. : 0425/2023/3-7
 Report Date : February 24, 2023
 Sampling Date : February 10-17, 2023
 Type of Sample : Sound Level

(3/1-3)

บ้านใกล้ด้านหน้าโครงการ														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		12-13/02/23					12-13/02/23					12-13/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
1.	13.00	51.8	65.5	46.7	37.	16.00	53.6	64.1	49.3	73.	19.00	52.3	67.7	49.1
2.	13.05	53.0	62.7	48.9	38.	16.05	55.0	72.3	49.1	74.	19.05	52.3	68.8	49.4
3.	13.10	52.1	73.8	49.1	39.	16.10	52.9	67.4	49.0	75.	19.10	52.1	69.2	48.0
4.	13.15	51.6	63.8	48.0	40.	16.15	53.7	65.0	50.3	76.	19.15	51.2	62.2	48.2
5.	13.20	54.0	75.7	49.2	41.	16.20	53.8	66.6	49.6	77.	19.20	50.9	63.9	48.0
6.	13.25	52.3	62.1	48.5	42.	16.25	55.3	77.1	49.7	78.	19.25	51.6	67.9	48.0
7.	13.30	52.1	61.7	49.3	43.	16.30	52.8	68.8	49.5	79.	19.30	50.7	60.5	48.0
8.	13.35	52.8	66.5	49.7	44.	16.35	57.6	66.2	49.7	80.	19.35	55.3	72.0	49.7
9.	13.40	52.2	67.2	48.8	45.	16.40	56.3	63.8	53.0	81.	19.40	52.4	62.1	49.9
10.	13.45	52.3	65.7	48.6	46.	16.45	59.2	66.9	54.1	82.	19.45	53.4	66.4	49.8
11.	13.50	54.4	71.6	49.1	47.	16.50	60.8	68.9	56.1	83.	19.50	52.5	68.9	48.7
12.	13.55	53.3	61.2	49.7	48.	16.55	58.2	66.4	51.0	84.	19.55	51.4	66.2	48.7
13.	14.00	52.2	64.3	48.8	49.	17.00	53.5	60.8	50.0	85.	20.00	52.9	67.1	49.0
14.	14.05	51.0	66.0	48.1	50.	17.05	52.9	67.4	48.1	86.	20.05	51.4	65.7	48.2
15.	14.10	53.5	65.8	49.0	51.	17.10	54.5	70.4	49.7	87.	20.10	50.8	57.4	48.7
16.	14.15	53.4	65.5	49.1	52.	17.15	52.2	64.8	48.8	88.	20.15	51.8	62.3	48.6
17.	14.20	51.8	62.7	49.1	53.	17.20	52.6	66.1	49.0	89.	20.20	50.3	60.1	48.3
18.	14.25	53.2	65.6	48.9	54.	17.25	66.1	96.5	48.2	90.	20.25	50.5	62.3	49.1
19.	14.30	52.9	67.2	49.3	55.	17.30	51.4	60.5	48.4	91.	20.30	50.4	57.2	48.9
20.	14.35	52.0	59.8	48.9	56.	17.35	52.6	68.5	48.6	92.	20.35	51.0	58.9	49.2
21.	14.40	52.8	62.3	49.2	57.	17.40	52.5	66.2	48.9	93.	20.40	50.3	60.4	48.7
22.	14.45	53.3	63.7	49.3	58.	17.45	50.8	59.4	48.1	94.	20.45	53.4	72.3	49.5
23.	14.50	53.1	63.4	50.6	59.	17.50	50.5	60.5	47.0	95.	20.50	50.9	59.7	49.3
24.	14.55	53.1	62.3	50.5	60.	17.55	53.4	68.0	48.2	96.	20.55	52.1	70.3	49.0
25.	15.00	51.8	69.1	48.6	61.	18.00	52.9	65.1	48.7	97.	21.00	50.3	55.9	49.0
26.	15.05	51.2	62.4	47.6	62.	18.05	51.2	64.7	46.9	98.	21.05	50.9	57.2	49.5
27.	15.10	51.7	63.9	48.5	63.	18.10	49.8	60.0	46.4	99.	21.10	51.7	62.2	49.3
28.	15.15	52.3	64.9	48.1	64.	18.15	51.0	60.4	47.5	100.	21.15	54.1	59.8	50.5
29.	15.20	51.7	69.3	48.0	65.	18.20	53.1	70.9	48.3	101.	21.20	52.2	69.2	49.8
30.	15.25	51.7	66.6	48.4	66.	18.25	55.0	74.0	47.5	102.	21.25	50.2	55.7	49.0
31.	15.30	51.5	67.6	47.7	67.	18.30	50.0	62.2	46.9	103.	21.30	50.6	65.2	49.0
32.	15.35	52.5	64.2	49.9	68.	18.35	51.5	65.8	47.3	104.	21.35	51.3	56.5	50.0
33.	15.40	50.9	67.9	48.1	69.	18.40	50.6	59.3	48.4	105.	21.40	51.4	60.3	49.7
34.	15.45	49.8	59.9	47.4	70.	18.45	50.3	61.0	47.5	106.	21.45	51.3	66.1	49.2
35.	15.50	50.9	62.7	48.2	71.	18.50	53.4	69.7	47.8	107.	21.50	49.9	53.5	48.9
36.	15.55	52.2	67.5	47.6	72.	18.55	53.0	63.8	48.5	108.	21.55	50.3	61.6	48.8



Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(3/2-3)

บ้านใกล้ด้านหน้าโครงการ														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		12-13/02/23					12-13/02/23					12-13/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
109.	22.00	49.8	58.8	48.5	145.	01.00	57.3	60.1	56.8	181.	04.00	48.3	58.0	46.9
110.	22.05	50.4	67.0	48.6	146.	01.05	57.4	61.5	56.8	182.	04.05	48.2	58.5	47.2
111.	22.10	50.2	67.2	48.5	147.	01.10	57.2	60.5	56.7	183.	04.10	47.6	52.9	46.8
112.	22.15	51.0	64.0	48.5	148.	01.15	57.0	62.6	56.4	184.	04.15	47.2	51.5	46.5
113.	22.20	49.6	56.2	48.3	149.	01.20	57.1	60.6	56.6	185.	04.20	47.5	53.8	46.7
114.	22.25	51.7	66.5	48.7	150.	01.25	57.1	62.6	56.6	186.	04.25	49.0	54.7	47.0
115.	22.30	52.5	68.0	49.2	151.	01.30	57.0	63.0	56.4	187.	04.30	53.7	55.9	53.0
116.	22.35	52.7	63.9	50.0	152.	01.35	57.0	60.7	56.4	188.	04.35	54.0	56.0	53.7
117.	22.40	53.0	68.2	49.6	153.	01.40	57.0	61.8	56.5	189.	04.40	54.2	56.3	53.8
118.	22.45	52.2	59.9	50.2	154.	01.45	55.8	61.1	52.0	190.	04.45	54.4	56.6	54.0
119.	22.50	52.1	75.1	48.4	155.	01.50	53.5	69.5	52.0	191.	04.50	54.4	57.8	54.0
120.	22.55	51.2	61.3	48.9	156.	01.55	52.2	58.1	49.3	192.	04.55	54.5	59.5	54.1
121.	23.00	50.7	57.7	48.9	157.	02.00	50.1	57.3	48.8	193.	05.00	54.5	56.7	54.1
122.	23.05	51.7	62.5	48.2	158.	02.05	50.4	59.0	48.8	194.	05.05	54.5	62.2	54.0
123.	23.10	49.3	69.1	47.3	159.	02.10	53.0	58.3	49.0	195.	05.10	54.5	60.5	54.1
124.	23.15	52.5	62.5	50.6	160.	02.15	50.4	65.4	48.0	196.	05.15	54.5	59.2	54.0
125.	23.20	55.0	61.3	52.7	161.	02.20	49.0	54.6	48.3	197.	05.20	54.3	56.3	54.0
126.	23.25	58.0	61.2	57.5	162.	02.25	48.6	52.5	48.0	198.	05.25	54.4	55.5	54.0
127.	23.30	58.0	60.4	57.6	163.	02.30	48.6	55.6	47.8	199.	05.30	54.3	56.8	53.9
128.	23.35	57.9	60.2	57.5	164.	02.35	48.6	58.4	47.6	200.	05.35	54.3	59.8	54.0
129.	23.40	57.7	60.3	57.4	165.	02.40	49.0	62.0	47.5	201.	05.40	54.3	59.4	53.9
130.	23.45	58.4	75.0	57.2	166.	02.45	48.0	56.7	47.2	202.	05.45	54.3	59.0	53.9
131.	23.50	57.5	59.6	57.2	167.	02.50	48.7	57.3	47.5	203.	05.50	54.2	56.5	53.9
132.	23.55	57.6	59.1	57.3	168.	02.55	50.4	61.5	48.1	204.	05.55	47.6	55.0	46.4
133.	00.00	57.8	59.5	57.3	169.	03.00	49.5	56.3	48.2	205.	06.00	47.8	61.4	46.6
134.	00.05	57.7	59.3	57.4	170.	03.05	49.0	57.5	48.0	206.	06.05	47.7	56.0	46.6
135.	00.10	58.3	62.6	57.9	171.	03.10	48.9	55.9	47.9	207.	06.10	47.8	54.5	46.9
136.	00.15	58.5	71.2	57.5	172.	03.15	48.7	51.2	47.9	208.	06.15	47.9	54.7	47.2
137.	00.20	58.3	70.1	57.6	173.	03.20	49.5	68.5	48.3	209.	06.20	48.1	55.6	47.4
138.	00.25	58.0	60.6	57.6	174.	03.25	50.0	65.4	47.8	210.	06.25	48.1	54.9	47.3
139.	00.30	57.9	59.8	57.2	175.	03.30	48.5	56.3	46.7	211.	06.30	48.7	55.2	47.7
140.	00.35	57.4	59.2	57.0	176.	03.35	48.0	63.4	46.6	212.	06.35	48.5	55.3	47.8
141.	00.40	56.7	59.9	55.9	177.	03.40	46.5	55.1	45.6	213.	06.40	49.4	59.5	46.8
142.	00.45	56.6	58.8	56.2	178.	03.45	47.2	59.5	45.6	214.	06.45	46.9	54.7	45.3
143.	00.50	56.8	60.4	56.2	179.	03.50	47.0	55.6	45.9	215.	06.50	47.2	54.2	45.7
144.	00.55	57.6	59.9	56.8	180.	03.55	46.7	52.0	45.7	216.	06.55	48.9	60.4	46.1

**TET**

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บริษัท เทคโนโลยีสิ่งแวดล้อมไทย จำกัด

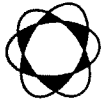
(3/3-3)

บ้านใกล้ด้านหน้าโครงการ														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		12-13/02/23					12-13/02/23					12-13/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
217.	07.00	48.0	60.1	46.0	241.	09.00	54.8	66.6	50.2	265.	11.00	52.7	65.1	47.7
218.	07.05	48.8	58.0	46.3	242.	09.05	54.2	67.9	50.1	266.	11.05	52.4	64.4	46.0
219.	07.10	48.7	61.0	46.1	243.	09.10	53.8	65.1	50.8	267.	11.10	51.2	63.1	46.0
220.	07.15	50.9	57.1	47.4	244.	09.15	52.8	61.8	49.0	268.	11.15	53.1	66.0	49.0
221.	07.20	55.3	61.0	52.0	245.	09.20	55.5	69.4	50.6	269.	11.20	51.6	63.5	47.8
222.	07.25	52.1	61.6	49.1	246.	09.25	53.6	65.4	50.4	270.	11.25	50.4	61.7	45.7
223.	07.30	49.4	58.6	47.2	247.	09.30	53.7	60.5	50.8	271.	11.30	49.8	59.8	45.7
224.	07.35	51.5	64.4	47.5	248.	09.35	54.1	65.9	49.8	272.	11.35	49.6	66.8	44.8
225.	07.40	49.2	57.7	47.0	249.	09.40	54.9	71.7	50.7	273.	11.40	50.0	66.3	45.2
226.	07.45	59.1	91.0	47.0	250.	09.45	52.1	60.0	48.8	274.	11.45	52.1	65.7	47.2
227.	07.50	48.3	58.0	46.4	251.	09.50	52.4	64.4	48.3	275.	11.50	50.8	59.8	47.5
228.	07.55	49.4	57.7	47.0	252.	09.55	51.4	66.5	46.0	276.	11.55	49.6	59.6	46.2
229.	08.00	57.6	74.6	48.9	253.	10.00	52.4	64.7	48.0	277.	12.00	50.2	62.7	46.1
230.	08.05	58.9	73.7	51.2	254.	10.05	56.6	73.9	49.6	278.	12.05	51.0	65.9	46.5
231.	08.10	58.6	78.4	52.0	255.	10.10	53.3	69.3	48.1	279.	12.10	52.2	66.2	46.8
232.	08.15	57.6	74.9	51.6	256.	10.15	52.0	62.9	49.0	280.	12.15	51.0	60.5	47.3
233.	08.20	58.4	73.0	51.1	257.	10.20	50.7	60.9	46.9	281.	12.20	50.1	63.4	46.2
234.	08.25	55.0	70.1	50.4	258.	10.25	50.3	62.7	46.8	282.	12.25	51.6	62.8	46.6
235.	08.30	53.9	67.5	50.6	259.	10.30	52.2	65.5	46.4	283.	12.30	51.3	74.1	45.9
236.	08.35	53.6	67.8	49.6	260.	10.35	53.6	72.0	45.6	284.	12.35	51.3	66.9	45.2
237.	08.40	53.2	63.1	50.8	261.	10.40	53.7	68.1	47.2	285.	12.40	52.0	63.9	46.2
238.	08.45	55.3	69.6	51.6	262.	10.45	56.9	73.7	47.9	286.	12.45	51.7	68.7	47.4
239.	08.50	54.7	65.9	50.1	263.	10.50	54.3	70.6	49.0	287.	12.50	49.0	60.6	46.0
240.	08.55	55.9	72.4	51.7	264.	10.55	57.5	73.4	50.0	288.	12.55	49.2	64.2	45.5

Wannasiri S

Wannasiri Suriyawong

*Somchai P.*Somchai Piyavorasakul
General Manager



Thai Environmental Technic Limited

บริษัท เทคนิกลิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP
 Project : โครงการผลิตหลอดทองแดงส่วนขยายครั้งที่ 1
 Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม
 อำเภอบางปะกง จังหวัดฉะเชิงเทรา
 Contact : Tel. (038)-573 231-5
 Job No. : S660063/Feb/1

Report No. : 0425/2023/4-7
 Report Date : February 24, 2023
 Sampling Date : February 10-17, 2023
 Type of Sample : Sound Level

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บ้านใกล้ด้านหน้าโครงการ														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		13-14/02/23					13-14/02/23					13-14/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
1.	13.00	50.0	60.7	45.9	37.	16.00	52.9	70.2	49.2	73.	19.00	58.1	74.7	52.3
2.	13.05	51.0	63.5	46.5	38.	16.05	53.0	59.8	50.9	74.	19.05	59.5	71.3	52.5
3.	13.10	51.3	65.7	47.0	39.	16.10	52.1	65.8	50.3	75.	19.10	61.3	70.5	52.9
4.	13.15	51.6	65.3	46.5	40.	16.15	54.4	74.7	49.1	76.	19.15	57.9	70.3	51.4
5.	13.20	50.5	62.9	47.0	41.	16.20	52.0	64.4	49.5	77.	19.20	60.8	67.0	52.2
6.	13.25	51.7	61.2	48.2	42.	16.25	50.8	61.5	48.5	78.	19.25	58.8	70.0	52.2
7.	13.30	54.1	72.4	48.1	43.	16.30	50.8	68.6	48.1	79.	19.30	58.7	70.3	52.0
8.	13.35	51.3	63.8	47.6	44.	16.35	49.2	60.0	47.3	80.	19.35	61.5	64.9	52.3
9.	13.40	51.7	66.8	48.5	45.	16.40	49.8	60.2	47.7	81.	19.40	60.1	69.6	52.3
10.	13.45	51.2	60.4	47.7	46.	16.45	50.7	66.3	48.2	82.	19.45	62.2	65.3	61.8
11.	13.50	51.3	64.3	47.2	47.	16.50	50.5	64.0	47.4	83.	19.50	58.4	69.7	52.0
12.	13.55	51.4	66.7	47.6	48.	16.55	53.6	67.3	49.4	84.	19.55	60.7	69.8	49.2
13.	14.00	49.7	60.6	47.0	49.	17.00	54.3	67.4	51.5	85.	20.00	50.0	58.4	48.3
14.	14.05	51.1	64.7	47.0	50.	17.05	51.6	62.5	49.3	86.	20.05	50.5	67.8	48.5
15.	14.10	49.8	60.2	47.1	51.	17.10	49.7	57.0	47.1	87.	20.10	51.5	70.1	48.1
16.	14.15	51.4	62.1	48.0	52.	17.15	51.4	66.7	47.5	88.	20.15	61.7	70.0	52.5
17.	14.20	50.1	60.9	47.1	53.	17.20	51.9	71.1	48.9	89.	20.20	58.3	69.7	51.9
18.	14.25	51.6	76.3	48.4	54.	17.25	50.3	63.0	47.3	90.	20.25	60.9	64.6	49.6
19.	14.30	51.7	60.4	48.9	55.	17.30	55.6	75.4	48.6	91.	20.30	61.0	80.7	49.0
20.	14.35	51.4	65.0	48.1	56.	17.35	51.8	66.9	49.3	92.	20.35	59.6	76.1	49.1
21.	14.40	51.1	61.7	48.2	57.	17.40	50.0	60.0	48.0	93.	20.40	56.3	69.5	48.6
22.	14.45	50.6	61.4	47.9	58.	17.45	56.2	72.4	48.2	94.	20.45	51.1	63.3	48.4
23.	14.50	50.9	60.5	48.8	59.	17.50	53.0	68.9	48.9	95.	20.50	50.5	58.6	48.7
24.	14.55	51.6	61.9	49.3	60.	17.55	55.1	71.0	48.8	96.	20.55	52.4	64.5	49.3
25.	15.00	53.2	69.2	49.7	61.	18.00	57.5	79.3	47.9	97.	21.00	50.2	57.6	48.3
26.	15.05	52.5	65.1	49.4	62.	18.05	52.5	66.1	48.9	98.	21.05	51.4	60.2	48.9
27.	15.10	53.4	73.2	50.7	63.	18.10	53.1	66.5	49.7	99.	21.10	50.6	62.9	48.4
28.	15.15	52.5	61.5	49.7	64.	18.15	53.3	71.0	48.1	100.	21.15	51.7	71.8	48.6
29.	15.20	52.1	64.8	49.2	65.	18.20	52.4	61.9	50.0	101.	21.20	52.4	65.9	50.5
30.	15.25	52.9	77.0	49.4	66.	18.25	51.7	63.8	49.4	102.	21.25	54.1	71.9	51.5
31.	15.30	52.9	71.6	49.4	67.	18.30	52.4	64.3	49.4	103.	21.30	53.0	72.7	50.8
32.	15.35	55.5	72.3	49.5	68.	18.35	52.7	64.9	49.9	104.	21.35	57.0	70.8	51.8
33.	15.40	53.6	68.6	49.8	69.	18.40	58.8	73.2	50.9	105.	21.40	53.2	61.5	51.3
34.	15.45	51.5	64.2	49.3	70.	18.45	60.1	78.9	52.6	106.	21.45	53.6	65.9	50.4
35.	15.50	53.0	67.9	49.4	71.	18.50	60.0	71.2	52.2	107.	21.50	55.5	75.2	50.7
36.	15.55	54.4	60.3	52.0	72.	18.55	60.3	69.9	52.1	108.	21.55	52.3	68.0	49.7



Thai Environmental Technic Limited
บริษัท เทคโนโลยีสิ่งแวดล้อมไทย จำกัด

(4/2-3)

บ้านใกล้ด้านหน้าโครงการ														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		13-14/02/23					13-14/02/23					13-14/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
109.	22.00	51.4	62.4	49.0	145.	01.00	47.8	63.8	44.8	181.	04.00	44.3	51.3	43.2
110.	22.05	52.7	70.0	49.4	146.	01.05	51.0	66.7	45.4	182.	04.05	44.4	56.3	42.6
111.	22.10	52.6	63.6	50.0	147.	01.10	46.0	52.6	44.2	183.	04.10	44.9	53.5	43.3
112.	22.15	55.3	64.0	50.9	148.	01.15	46.4	57.5	44.1	184.	04.15	44.7	54.5	42.8
113.	22.20	52.2	63.6	49.8	149.	01.20	47.2	60.2	44.4	185.	04.20	45.5	57.7	42.7
114.	22.25	51.9	59.6	49.9	150.	01.25	48.4	61.3	44.2	186.	04.25	46.2	68.3	42.2
115.	22.30	50.9	65.2	48.7	151.	01.30	50.0	70.5	44.4	187.	04.30	47.8	64.6	42.5
116.	22.35	59.4	72.8	50.1	152.	01.35	46.7	68.3	43.4	188.	04.35	46.5	58.8	44.6
117.	22.40	54.5	70.8	49.3	153.	01.40	47.3	62.5	43.7	189.	04.40	45.2	50.5	44.3
118.	22.45	52.3	68.9	48.8	154.	01.45	45.4	52.9	43.6	190.	04.45	45.7	54.1	44.5
119.	22.50	54.0	65.8	50.5	155.	01.50	47.2	59.3	43.9	191.	04.50	47.3	59.4	44.4
120.	22.55	52.2	57.7	49.5	156.	01.55	48.9	66.3	44.3	192.	04.55	46.9	62.3	45.0
121.	23.00	50.8	62.1	48.8	157.	02.00	45.9	56.4	43.8	193.	05.00	46.1	56.9	44.5
122.	23.05	50.9	64.1	47.7	158.	02.05	45.4	52.1	43.6	194.	05.05	46.8	62.8	44.2
123.	23.10	50.1	64.1	47.8	159.	02.10	44.6	56.3	43.0	195.	05.10	47.3	60.6	43.8
124.	23.15	50.6	67.5	47.9	160.	02.15	46.4	60.5	42.0	196.	05.15	46.0	58.1	43.7
125.	23.20	50.0	61.8	47.2	161.	02.20	46.1	57.9	41.9	197.	05.20	46.7	57.0	44.0
126.	23.25	49.2	58.7	46.9	162.	02.25	44.3	57.3	41.8	198.	05.25	46.3	63.2	44.3
127.	23.30	49.8	60.1	46.9	163.	02.30	45.2	54.1	42.8	199.	05.30	48.3	64.3	44.0
128.	23.35	49.4	58.7	47.3	164.	02.35	44.4	53.2	42.2	200.	05.35	46.8	57.3	44.9
129.	23.40	51.5	64.4	48.6	165.	02.40	44.6	53.1	42.5	201.	05.40	45.2	55.6	44.0
130.	23.45	51.3	68.0	49.3	166.	02.45	45.1	53.7	43.9	202.	05.45	44.7	49.8	43.9
131.	23.50	51.1	63.8	49.1	167.	02.50	46.3	61.5	44.2	203.	05.50	45.5	51.4	44.4
132.	23.55	50.3	60.6	48.7	168.	02.55	46.0	58.3	44.3	204.	05.55	45.4	58.5	43.9
133.	00.00	50.9	64.0	48.6	169.	03.00	46.9	60.8	44.1	205.	06.00	45.6	58.3	44.0
134.	00.05	51.8	68.7	48.7	170.	03.05	46.3	54.3	44.4	206.	06.05	44.8	50.5	44.1
135.	00.10	51.7	66.9	48.7	171.	03.10	46.2	55.7	44.5	207.	06.10	45.2	52.8	44.3
136.	00.15	50.4	70.0	45.6	172.	03.15	46.6	59.7	44.1	208.	06.15	45.4	50.6	44.4
137.	00.20	47.7	59.1	45.4	173.	03.20	44.5	56.0	42.7	209.	06.20	45.6	59.0	44.3
138.	00.25	50.0	68.0	45.2	174.	03.25	45.2	51.7	43.5	210.	06.25	45.8	50.5	44.7
139.	00.30	49.1	65.0	45.2	175.	03.30	44.7	55.0	42.7	211.	06.30	45.7	52.8	44.8
140.	00.35	49.6	68.9	45.1	176.	03.35	45.1	58.8	42.9	212.	06.35	45.4	50.9	44.6
141.	00.40	48.3	61.7	45.4	177.	03.40	44.2	57.5	42.5	213.	06.40	45.5	50.3	44.5
142.	00.45	48.2	59.8	45.4	178.	03.45	45.1	57.0	42.7	214.	06.45	45.6	52.0	44.6
143.	00.50	48.2	69.7	44.7	179.	03.50	46.2	64.5	42.9	215.	06.50	45.7	52.6	44.9
144.	00.55	48.0	61.1	44.9	180.	03.55	45.2	56.4	43.4	216.	06.55	44.2	51.9	43.3



Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(4/3-3)

บ้านใกล้ด้านหน้าโครงการ														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		13-14/02/23					13-14/02/23					13-14/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
217.	07.00	44.6	52.9	43.2	241.	09.00	46.2	52.5	44.7	265.	11.00	53.5	69.8	47.6
218.	07.05	43.5	56.1	42.4	242.	09.05	46.6	63.0	44.4	266.	11.05	53.6	69.1	47.4
219.	07.10	44.6	62.5	41.2	243.	09.10	45.5	54.1	44.2	267.	11.10	59.1	76.6	46.8
220.	07.15	41.2	46.2	40.6	244.	09.15	45.3	52.4	44.4	268.	11.15	50.5	62.9	46.4
221.	07.20	41.9	49.7	40.7	245.	09.20	46.2	53.3	45.1	269.	11.20	51.3	61.6	47.4
222.	07.25	41.9	50.8	40.9	246.	09.25	46.4	53.8	45.3	270.	11.25	53.6	71.6	46.4
223.	07.30	42.5	51.2	41.3	247.	09.30	47.1	59.1	45.7	271.	11.30	51.8	72.4	46.4
224.	07.35	49.0	69.6	41.2	248.	09.35	47.1	55.0	45.9	272.	11.35	51.2	62.2	48.0
225.	07.40	42.0	50.4	41.0	249.	09.40	47.3	52.1	46.2	273.	11.40	51.3	63.1	46.7
226.	07.45	42.2	53.3	40.7	250.	09.45	48.0	56.0	47.1	274.	11.45	51.0	65.3	46.9
227.	07.50	45.3	61.2	41.0	251.	09.50	50.2	65.2	47.1	275.	11.50	52.3	64.4	48.3
228.	07.55	42.7	56.3	41.0	252.	09.55	48.4	58.5	47.2	276.	11.55	50.0	59.8	47.0
229.	08.00	42.9	55.4	40.8	253.	10.00	47.6	52.4	46.8	277.	12.00	51.3	61.2	48.1
230.	08.05	43.4	54.7	41.4	254.	10.05	48.5	59.5	47.0	278.	12.05	51.1	64.8	47.6
231.	08.10	42.7	51.6	41.0	255.	10.10	48.6	61.5	46.9	279.	12.10	50.7	63.5	46.8
232.	08.15	42.5	53.4	40.6	256.	10.15	47.6	61.6	46.4	280.	12.15	53.6	70.9	47.4
233.	08.20	43.0	55.7	41.2	257.	10.20	49.6	63.0	46.6	281.	12.20	53.1	66.1	47.5
234.	08.25	44.5	50.0	43.8	258.	10.25	49.5	64.1	46.3	282.	12.25	51.5	70.2	46.9
235.	08.30	44.6	53.7	43.3	259.	10.30	48.7	59.9	46.9	283.	12.30	52.0	64.2	47.6
236.	08.35	44.6	52.3	43.3	260.	10.35	47.9	53.5	46.6	284.	12.35	49.0	67.3	45.7
237.	08.40	45.3	54.1	43.9	261.	10.40	47.9	62.4	46.1	285.	12.40	49.7	64.1	46.7
238.	08.45	45.6	54.4	44.5	262.	10.45	54.4	71.3	45.7	286.	12.45	50.8	63.7	47.4
239.	08.50	47.6	69.1	45.2	263.	10.50	54.1	69.9	46.9	287.	12.50	51.6	63.7	47.5
240.	08.55	48.9	70.7	45.7	264.	10.55	53.3	68.5	47.3	288.	12.55	50.6	59.8	47.9

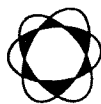
Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager



Thai Environmental Technic Limited

บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP
 Project : โครงการผลิตขวดทองแดงส่วนขยายครั้งที่ 1
 Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม
 อำเภอบางปะกง จังหวัดฉะเชิงเทรา
 Contact : Tel. (038)-573 231-5
 Job No. : S660063/Feb/1

Report No. : 0425/2023/5-7
 Report Date : February 24, 2023
 Sampling Date : February 10-17, 2023
 Type of Sample : Sound Level

(5/1-3)

บ้านใกล้ด้านหน้าโครงการ														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		14-15/02/23					14-15/02/23					14-15/02/23		
		Leq	Lmax	L90			Leq	Lmax	L90			Leq	Lmax	L90
1.	13.00	50.0	59.9	47.0	37.	16.00	53.3	75.0	48.5	73.	19.00	53.1	65.9	48.9
2.	13.05	50.1	65.3	45.4	38.	16.05	51.6	61.4	47.8	74.	19.05	54.6	76.4	49.0
3.	13.10	50.2	63.5	45.7	39.	16.10	51.4	61.0	48.6	75.	19.10	52.1	68.1	48.8
4.	13.15	50.5	68.8	45.4	40.	16.15	52.1	65.8	49.0	76.	19.15	56.9	65.5	49.0
5.	13.20	48.9	62.0	45.1	41.	16.20	51.5	66.5	48.1	77.	19.20	55.6	63.1	52.3
6.	13.25	48.8	61.6	45.4	42.	16.25	51.6	65.0	47.9	78.	19.25	58.5	66.2	53.4
7.	13.30	50.4	65.8	46.4	43.	16.30	53.7	70.9	48.4	79.	19.30	60.1	68.2	55.4
8.	13.35	51.9	64.5	47.9	44.	16.35	52.6	60.5	49.0	80.	19.35	57.5	65.7	50.3
9.	13.40	49.8	64.3	46.1	45.	16.40	51.5	63.6	48.1	81.	19.40	52.8	60.1	49.3
10.	13.45	48.3	61.0	44.4	46.	16.45	50.3	65.3	47.4	82.	19.45	52.2	66.7	47.4
11.	13.50	49.7	63.2	45.0	47.	16.50	52.8	65.1	48.3	83.	19.50	53.8	69.7	49.0
12.	13.55	50.2	66.5	45.7	48.	16.55	52.7	64.8	48.4	84.	19.55	51.5	64.1	48.1
13.	14.00	47.6	56.8	45.0	49.	17.00	51.1	62.0	48.4	85.	20.00	51.9	65.4	48.3
14.	14.05	49.1	63.3	45.4	50.	17.05	52.5	64.9	48.2	86.	20.05	65.4	95.8	47.5
15.	14.10	49.9	69.0	46.0	51.	17.10	52.2	66.5	48.6	87.	20.10	50.7	59.8	47.7
16.	14.15	50.4	62.9	45.8	52.	17.15	51.3	59.1	48.2	88.	20.15	51.9	67.8	47.9
17.	14.20	51.6	67.3	47.0	53.	17.20	52.1	61.6	48.5	89.	20.20	51.8	65.5	48.2
18.	14.25	53.1	65.1	49.2	54.	17.25	52.6	63.0	48.6	90.	20.25	50.1	58.7	47.4
19.	14.30	52.1	63.2	48.4	55.	17.30	52.4	62.7	49.9	91.	20.30	49.8	59.8	46.3
20.	14.35	52.0	67.7	47.8	56.	17.35	52.4	61.6	49.8	92.	20.35	52.7	67.3	47.5
21.	14.40	51.9	62.3	48.3	57.	17.40	51.1	68.4	47.9	93.	20.40	52.2	64.4	48.0
22.	14.45	51.4	60.2	48.6	58.	17.45	50.5	61.7	46.9	94.	20.45	50.5	64.0	46.2
23.	14.50	51.1	63.9	48.6	59.	17.50	51.0	63.2	47.8	95.	20.50	49.1	59.3	45.7
24.	14.55	50.5	62.2	46.0	60.	17.55	51.6	64.2	47.4	96.	20.55	50.3	59.7	46.8
25.	15.00	50.2	61.5	45.0	61.	18.00	51.0	68.6	47.3	97.	21.00	52.4	70.2	47.6
26.	15.05	49.4	63.8	45.2	62.	18.05	51.0	65.9	47.7	98.	21.05	54.3	73.3	46.8
27.	15.10	50.4	62.5	46.4	63.	18.10	50.8	66.9	47.0	99.	21.10	49.3	61.5	46.2
28.	15.15	50.3	68.6	46.5	64.	18.15	51.8	63.5	49.2	100.	21.15	50.8	65.1	46.6
29.	15.20	51.4	60.9	47.9	65.	18.20	50.2	67.2	47.4	101.	21.20	49.9	58.6	47.7
30.	15.25	49.9	65.0	46.3	66.	18.25	49.1	59.2	46.7	102.	21.25	49.6	60.3	46.8
31.	15.30	50.5	59.3	46.1	67.	18.30	50.2	62.0	47.5	103.	21.30	52.7	69.0	47.1
32.	15.35	51.2	62.6	45.3	68.	18.35	51.5	66.8	46.9	104.	21.35	52.3	63.1	47.8
33.	15.40	51.1	64.8	46.0	69.	18.40	52.9	63.4	48.6	105.	21.40	51.6	67.0	48.4
34.	15.45	52.3	62.0	48.2	70.	18.45	54.3	71.6	48.4	106.	21.45	51.6	68.1	48.7
35.	15.50	51.4	73.1	48.4	71.	18.50	52.2	66.7	48.3	107.	21.50	51.4	68.5	47.3
36.	15.55	50.9	63.1	47.3	72.	18.55	53.0	64.3	49.6	108.	21.55	50.5	61.5	47.5



Thai Environmental Technic Limited
บริษัท เทคนิกลิ่งแวดล้อมไทย จำกัด

(5/2-3)

บ้านใกล้ด้านหน้าโครงการ														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		14-15/02/23					14-15/02/23					14-15/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
109.	22.00	50.2	63.2	47.3	145.	01.00	48.9	55.5	47.6	181.	04.00	56.4	59.9	55.9
110.	22.05	50.9	67.2	47.3	146.	01.05	51.0	65.8	48.0	182.	04.05	56.4	61.9	55.9
111.	22.10	50.0	59.8	47.3	147.	01.10	51.8	67.3	48.5	183.	04.10	56.3	62.3	55.7
112.	22.15	54.6	71.3	49.0	148.	01.15	52.0	63.2	49.3	184.	04.15	56.3	60.0	55.7
113.	22.20	51.7	61.4	49.2	149.	01.20	52.3	67.5	48.9	185.	04.20	56.3	61.1	55.8
114.	22.25	52.7	65.7	49.1	150.	01.25	51.5	59.2	49.5	186.	04.25	55.1	60.4	51.3
115.	22.30	51.8	68.2	48.0	151.	01.30	51.4	74.4	47.7	187.	04.30	52.8	68.8	51.3
116.	22.35	50.7	65.5	48.0	152.	01.35	50.5	60.6	48.2	188.	04.35	51.5	57.4	48.6
117.	22.40	52.2	66.4	48.3	153.	01.40	50.0	57.0	48.2	189.	04.40	49.4	56.6	48.1
118.	22.45	50.7	65.0	47.5	154.	01.45	51.0	61.8	47.5	190.	04.45	49.7	58.3	48.1
119.	22.50	50.1	56.7	48.0	155.	01.50	48.6	68.4	46.6	191.	04.50	52.3	57.6	48.3
120.	22.55	51.1	61.6	47.9	156.	01.55	51.8	61.8	49.9	192.	04.55	49.7	64.7	47.3
121.	23.00	49.6	59.4	47.6	157.	02.00	54.3	60.6	52.0	193.	05.00	48.3	53.9	47.6
122.	23.05	49.8	61.6	48.4	158.	02.05	57.3	60.5	56.8	194.	05.05	47.9	51.8	47.3
123.	23.10	49.7	56.5	48.2	159.	02.10	57.3	59.7	56.9	195.	05.10	47.9	54.9	47.1
124.	23.15	50.3	58.2	48.5	160.	02.15	57.2	59.5	56.8	196.	05.15	47.9	57.7	46.9
125.	23.20	49.6	59.7	48.0	161.	02.20	57.0	59.6	56.7	197.	05.20	48.3	61.3	46.8
126.	23.25	52.7	71.6	48.8	162.	02.25	57.7	74.3	56.5	198.	05.25	47.3	56.0	46.5
127.	23.30	50.2	59.0	48.6	163.	02.30	56.8	58.9	56.5	199.	05.30	48.0	56.6	46.8
128.	23.35	51.4	69.6	48.3	164.	02.35	56.9	58.4	56.6	200.	05.35	49.7	60.8	47.4
129.	23.40	49.6	55.2	48.3	165.	02.40	57.1	58.8	56.6	201.	05.40	48.8	55.6	47.5
130.	23.45	50.2	56.5	48.8	166.	02.45	57.0	58.6	56.7	202.	05.45	48.3	56.8	47.3
131.	23.50	51.0	61.5	48.6	167.	02.50	57.6	61.9	57.2	203.	05.50	48.2	55.2	47.2
132.	23.55	53.4	59.1	49.8	168.	02.55	57.8	70.5	56.8	204.	05.55	48.0	50.5	47.2
133.	00.00	51.5	68.5	49.1	169.	03.00	57.6	69.4	56.9	205.	06.00	48.8	67.8	47.6
134.	00.05	49.5	55.0	48.3	170.	03.05	57.3	59.9	56.9	206.	06.05	49.3	64.7	47.1
135.	00.10	49.9	64.5	48.3	171.	03.10	57.2	59.1	56.5	207.	06.10	47.8	55.6	46.0
136.	00.15	50.6	55.8	49.3	172.	03.15	56.7	58.5	56.3	208.	06.15	47.3	62.7	45.9
137.	00.20	50.7	59.6	49.0	173.	03.20	56.0	59.2	55.2	209.	06.20	45.8	54.4	44.9
138.	00.25	50.6	65.4	48.5	174.	03.25	55.9	58.1	55.5	210.	06.25	46.5	58.8	44.9
139.	00.30	49.2	52.8	48.2	175.	03.30	56.1	59.7	55.5	211.	06.30	46.3	54.9	45.2
140.	00.35	49.6	60.9	48.1	176.	03.35	56.9	59.2	56.1	212.	06.35	46.0	51.3	45.0
141.	00.40	49.1	58.1	47.8	177.	03.40	56.6	59.4	56.1	213.	06.40	47.6	57.3	46.2
142.	00.45	49.7	66.3	47.9	178.	03.45	56.7	60.8	56.1	214.	06.45	47.5	57.8	46.5
143.	00.50	49.5	66.5	47.8	179.	03.50	56.5	59.8	56.0	215.	06.50	46.9	52.2	46.1
144.	00.55	50.3	63.3	47.8	180.	03.55	56.3	61.9	55.7	216.	06.55	46.5	50.8	45.8



Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(5/3-3)

บ้านใกล้ด้านหน้าโครงการ														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		14-15/02/23					14-15/02/23					14-15/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
217.	07.00	46.8	53.1	46.0	241.	09.00	47.4	54.9	46.7	265.	11.00	57.7	72.3	50.4
218.	07.05	48.3	54.0	46.3	242.	09.05	47.4	54.2	46.6	266.	11.05	54.3	69.4	49.7
219.	07.10	53.0	55.2	52.3	243.	09.10	48.0	54.5	47.0	267.	11.10	53.2	66.8	49.9
220.	07.15	53.3	55.3	53.0	244.	09.15	47.8	54.6	47.1	268.	11.15	52.9	67.1	48.9
221.	07.20	53.5	55.6	53.1	245.	09.20	48.7	58.8	46.1	269.	11.20	52.5	62.4	50.1
222.	07.25	53.7	55.9	53.3	246.	09.25	46.2	54.0	44.6	270.	11.25	54.6	68.9	50.9
223.	07.30	53.7	57.1	53.3	247.	09.30	46.5	53.5	45.0	271.	11.30	54.0	65.2	49.4
224.	07.35	53.8	58.8	53.4	248.	09.35	48.2	59.7	45.4	272.	11.35	55.2	71.7	51.0
225.	07.40	53.8	56.0	53.4	249.	09.40	47.3	59.4	45.3	273.	11.40	54.1	65.9	49.5
226.	07.45	53.8	61.5	53.3	250.	09.45	48.1	57.3	45.6	274.	11.45	53.5	67.2	49.4
227.	07.50	53.8	59.8	53.4	251.	09.50	48.0	60.3	45.4	275.	11.50	53.1	64.4	50.1
228.	07.55	53.8	58.5	53.3	252.	09.55	50.2	56.4	46.7	276.	11.55	52.1	61.1	48.3
229.	08.00	53.6	55.6	53.3	253.	10.00	54.6	60.3	51.3	277.	12.00	54.8	68.7	49.9
230.	08.05	53.7	54.8	53.3	254.	10.05	51.4	60.9	48.4	278.	12.05	52.9	64.7	49.7
231.	08.10	53.6	56.1	53.2	255.	10.10	48.7	57.9	46.5	279.	12.10	53.0	59.8	50.1
232.	08.15	53.6	59.1	53.3	256.	10.15	50.8	63.7	46.8	280.	12.15	53.4	65.2	49.1
233.	08.20	53.6	58.7	53.2	257.	10.20	48.5	57.0	46.3	281.	12.20	54.2	71.0	50.0
234.	08.25	53.6	58.3	53.2	258.	10.25	58.4	90.3	46.3	282.	12.25	51.4	59.3	48.1
235.	08.30	53.5	55.8	53.2	259.	10.30	47.6	57.3	45.7	283.	12.30	51.7	63.7	47.6
236.	08.35	46.9	54.3	45.7	260.	10.35	48.7	57.0	46.3	284.	12.35	50.7	65.8	45.3
237.	08.40	47.1	60.7	45.9	261.	10.40	56.9	73.9	48.2	285.	12.40	51.7	64.0	47.3
238.	08.45	47.0	55.3	45.9	262.	10.45	58.2	73.0	50.5	286.	12.45	55.9	73.2	48.9
239.	08.50	47.1	53.8	46.2	263.	10.50	57.9	77.7	51.3	287.	12.50	52.6	68.6	47.4
240.	08.55	47.2	54.0	46.5	264.	10.55	56.9	74.2	50.9	288.	12.55	51.3	62.2	48.3

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager



Thai Environmental Technic Limited

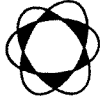
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP
 Project : โครงการผลิตขวดทองแดงส่วนขยายครั้งที่ 1
 Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม
 อำเภอบางปะกง จังหวัดฉะเชิงเทรา
 Contact : Tel. (038)-573 231-5
 Job No. : S660063/Feb/1

Report No. : 0425/2023/6-7
 Report Date : February 24, 2023
 Sampling Date : February 10-17, 2023
 Type of Sample : Sound Level

(6/1-3)

บ้านใกล้ด้านหน้าโครงการ														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		15-16/02/23					15-16/02/23					15-16/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
1.	13.00	50.0	60.2	46.2	37.	16.00	49.8	62.2	46.3	73.	19.00	51.8	60.8	49.5
2.	13.05	49.6	62.0	46.1	38.	16.05	51.0	60.5	47.5	74.	19.05	52.3	71.6	48.7
3.	13.10	51.5	64.8	45.7	39.	16.10	53.4	71.7	47.4	75.	19.10	56.1	79.8	50.0
4.	13.15	52.9	71.3	44.9	40.	16.15	50.6	63.1	46.9	76.	19.15	52.3	63.9	48.5
5.	13.20	53.0	67.4	46.5	41.	16.20	51.0	66.1	47.8	77.	19.20	52.8	66.2	49.6
6.	13.25	56.2	73.0	47.2	42.	16.25	50.5	59.7	47.0	78.	19.25	54.9	68.3	49.9
7.	13.30	53.6	69.9	48.3	43.	16.30	50.6	63.6	46.5	79.	19.30	58.1	76.5	48.4
8.	13.35	56.8	72.7	49.3	44.	16.35	50.7	66.0	46.9	80.	19.35	52.0	69.7	46.5
9.	13.40	52.0	64.4	47.0	45.	16.40	49.0	59.9	46.3	81.	19.40	68.5	84.6	44.8
10.	13.45	51.7	63.7	45.3	46.	16.45	50.4	64.0	46.3	82.	19.45	62.1	83.1	44.6
11.	13.50	50.5	62.4	45.3	47.	16.50	49.1	59.5	46.4	83.	19.50	50.6	72.0	44.8
12.	13.55	52.4	65.3	48.3	48.	16.55	50.7	61.4	47.3	84.	19.55	48.9	70.9	45.1
13.	14.00	50.9	62.8	47.1	49.	17.00	49.4	60.2	46.4	85.	20.00	52.0	75.3	46.0
14.	14.05	49.7	61.0	45.0	50.	17.05	50.9	75.6	47.7	86.	20.05	54.3	77.3	46.2
15.	14.10	49.1	59.1	45.0	51.	17.10	51.0	59.7	48.2	87.	20.10	54.0	72.4	47.1
16.	14.15	48.9	66.1	44.1	52.	17.15	50.7	64.3	47.4	88.	20.15	49.6	64.4	44.5
17.	14.20	49.3	65.6	44.5	53.	17.20	50.4	61.0	47.5	89.	20.20	47.8	60.1	44.3
18.	14.25	51.4	65.0	46.5	54.	17.25	49.9	60.7	47.2	90.	20.25	57.1	80.5	44.5
19.	14.30	50.1	59.1	46.8	55.	17.30	50.2	59.8	48.1	91.	20.30	63.2	75.4	46.5
20.	14.35	48.9	58.9	45.5	56.	17.35	50.9	61.2	48.6	92.	20.35	52.3	65.4	46.3
21.	14.40	49.5	62.0	45.4	57.	17.40	52.5	68.5	49.0	93.	20.40	55.0	67.5	50.5
22.	14.45	50.3	65.2	45.8	58.	17.45	51.8	64.4	48.7	94.	20.45	53.7	61.8	50.5
23.	14.50	51.5	65.5	46.1	59.	17.50	52.7	72.5	50.0	95.	20.50	55.5	65.9	51.1
24.	14.55	50.3	59.8	46.6	60.	17.55	51.8	60.8	49.0	96.	20.55	54.5	63.5	50.6
25.	15.00	49.4	62.7	45.5	61.	18.00	51.4	64.1	48.5	97.	21.00	54.2	64.0	50.3
26.	15.05	50.9	62.1	45.9	62.	18.05	52.2	76.3	48.7	98.	21.05	56.9	72.6	51.2
27.	15.10	50.6	73.4	45.2	63.	18.10	52.2	70.9	48.7	99.	21.10	54.7	63.8	51.2
28.	15.15	50.6	66.2	44.5	64.	18.15	54.8	71.6	48.8	100.	21.15	55.2	64.0	50.7
29.	15.20	51.3	63.2	45.5	65.	18.20	52.9	67.9	49.1	101.	21.20	59.1	72.5	51.4
30.	15.25	51.0	68.0	46.7	66.	18.25	50.8	63.5	48.6	102.	21.25	59.7	66.5	54.5
31.	15.30	48.3	59.9	45.3	67.	18.30	52.3	67.2	48.7	103.	21.30	61.4	70.0	55.8
32.	15.35	48.5	63.5	44.8	68.	18.35	55.6	59.2	54.9	104.	21.35	56.8	70.2	51.1
33.	15.40	49.3	60.0	45.2	69.	18.40	52.1	68.0	48.2	105.	21.40	53.2	62.3	48.7
34.	15.45	50.3	62.8	45.8	70.	18.45	51.9	61.6	48.7	106.	21.45	61.0	70.5	54.3
35.	15.50	50.6	65.0	46.3	71.	18.50	52.7	62.9	48.9	107.	21.50	60.9	70.4	54.8
36.	15.55	50.9	64.6	45.8	72.	18.55	53.3	63.0	49.8	108.	21.55	60.4	67.0	50.6



Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(6/2-3)

บ้านใกล้ด้านหน้าโครงการ														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		15-16/02/23					15-16/02/23					15-16/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
109.	22.00	59.3	69.9	50.5	145.	01.00	50.3	61.9	48.5	181.	04.00	48.8	61.3	46.8
110.	22.05	51.3	60.1	46.9	146.	01.05	49.9	57.8	48.6	182.	04.05	47.6	54.8	46.3
111.	22.10	51.6	59.9	50.2	147.	01.10	51.3	60.7	49.4	183.	04.10	48.0	59.0	46.4
112.	22.15	52.6	64.5	50.4	148.	01.15	51.4	60.1	49.7	184.	04.15	48.2	58.8	46.8
113.	22.20	51.7	57.3	50.7	149.	01.20	47.0	61.1	45.6	185.	04.20	48.0	56.9	46.3
114.	22.25	51.1	56.9	49.9	150.	01.25	47.8	57.6	45.8	186.	04.25	48.3	56.3	46.5
115.	22.30	51.2	63.3	50.0	151.	01.30	54.8	72.3	45.8	187.	04.30	51.7	71.5	46.1
116.	22.35	57.8	98.9	49.7	152.	01.35	46.8	58.8	45.5	188.	04.35	46.8	52.6	46.0
117.	22.40	52.4	68.7	49.9	153.	01.40	47.3	55.7	45.6	189.	04.40	47.8	53.4	46.6
118.	22.45	52.3	64.8	49.9	154.	01.45	46.4	54.3	45.5	190.	04.45	51.0	65.4	46.3
119.	22.50	50.6	55.9	49.8	155.	01.50	46.7	55.6	45.5	191.	04.50	49.5	60.9	46.2
120.	22.55	51.4	57.8	49.9	156.	01.55	47.9	56.3	46.2	192.	04.55	47.9	56.0	45.9
121.	23.00	50.7	57.6	49.7	157.	02.00	50.4	67.6	46.1	193.	05.00	46.4	50.4	45.6
122.	23.05	52.8	72.2	49.9	158.	02.05	46.9	53.4	45.7	194.	05.05	47.2	55.9	46.1
123.	23.10	52.1	64.9	50.2	159.	02.10	48.2	56.7	46.0	195.	05.10	46.7	50.5	46.2
124.	23.15	51.2	60.5	49.8	160.	02.15	47.8	60.3	45.6	196.	05.15	47.5	56.0	46.2
125.	23.20	51.4	62.9	50.1	161.	02.20	46.5	60.6	45.1	197.	05.20	47.5	55.7	46.0
126.	23.25	51.1	62.3	49.6	162.	02.25	46.6	54.6	45.5	198.	05.25	50.2	60.1	47.0
127.	23.30	50.5	57.5	49.4	163.	02.30	47.5	54.6	45.5	199.	05.30	47.4	58.0	45.6
128.	23.35	50.3	55.3	49.1	164.	02.35	48.0	55.4	45.8	200.	05.35	46.9	56.1	45.4
129.	23.40	50.5	60.3	48.6	165.	02.40	48.9	65.6	45.9	201.	05.40	48.5	63.6	46.2
130.	23.45	49.6	58.1	48.5	166.	02.45	45.9	52.3	45.3	202.	05.45	47.6	56.9	45.9
131.	23.50	50.2	62.5	48.8	167.	02.50	46.4	55.5	45.5	203.	05.50	47.7	57.4	45.5
132.	23.55	49.7	53.6	48.9	168.	02.55	46.3	59.1	45.2	204.	05.55	46.6	60.3	45.2
133.	00.00	49.7	53.6	48.9	169.	03.00	46.0	51.9	45.2	205.	06.00	46.8	53.2	45.1
134.	00.05	50.0	55.4	48.9	170.	03.05	46.6	55.9	45.5	206.	06.05	48.3	55.2	45.7
135.	00.10	50.0	60.1	48.3	171.	03.10	47.2	55.6	45.6	207.	06.10	49.6	64.3	46.0
136.	00.15	50.1	61.8	48.6	172.	03.15	47.0	59.0	45.2	208.	06.15	49.0	57.5	46.0
137.	00.20	51.9	62.0	49.2	173.	03.20	47.0	56.6	45.7	209.	06.20	48.9	58.1	45.9
138.	00.25	51.2	72.1	48.8	174.	03.25	46.9	55.5	45.7	210.	06.25	51.3	62.0	46.2
139.	00.30	50.3	62.6	48.7	175.	03.30	47.6	53.8	46.0	211.	06.30	50.1	62.2	46.3
140.	00.35	54.3	74.2	48.7	176.	03.35	48.0	53.3	46.7	212.	06.35	52.9	70.2	47.4
141.	00.40	51.2	62.8	48.9	177.	03.40	48.5	60.2	46.3	213.	06.40	49.4	59.6	46.6
142.	00.45	50.1	58.7	48.9	178.	03.45	46.9	51.6	45.9	214.	06.45	48.9	57.6	47.2
143.	00.50	50.3	57.3	48.8	179.	03.50	47.4	54.7	46.2	215.	06.50	50.4	64.0	47.2
144.	00.55	50.1	58.4	48.9	180.	03.55	48.0	53.0	47.0	216.	06.55	52.9	64.0	48.6

**TET**

Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(6/3-3)

บ้านใกล้ด้านหน้าโครงการ														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		15-16/02/23					15-16/02/23					15-16/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
217.	07.00	52.8	64.6	49.9	241.	09.00	56.3	71.8	50.6	265.	11.00	51.8	61.9	49.1
218.	07.05	50.7	55.6	48.4	242.	09.05	54.1	66.0	50.1	266.	11.05	53.6	67.4	48.3
219.	07.10	50.5	58.0	47.7	243.	09.10	55.6	73.2	50.0	267.	11.10	53.7	64.3	46.7
220.	07.15	55.4	81.2	48.1	244.	09.15	54.3	69.0	48.6	268.	11.15	54.8	69.4	49.9
221.	07.20	53.2	65.1	48.4	245.	09.20	55.9	73.0	49.2	269.	11.20	54.6	63.1	49.4
222.	07.25	52.5	63.3	48.2	246.	09.25	55.2	75.8	49.7	270.	11.25	51.8	60.0	46.9
223.	07.30	54.5	75.5	49.1	247.	09.30	54.2	70.2	48.8	271.	11.30	52.6	60.6	49.2
224.	07.35	54.0	64.4	49.2	248.	09.35	52.8	63.3	48.6	272.	11.35	54.7	62.9	50.8
225.	07.40	53.1	64.8	49.6	249.	09.40	53.0	67.7	48.7	273.	11.40	52.2	63.8	47.5
226.	07.45	54.1	64.4	50.4	250.	09.45	53.0	63.7	49.7	274.	11.45	54.7	68.0	49.3
227.	07.50	55.8	66.1	50.8	251.	09.50	52.4	61.4	48.2	275.	11.50	53.9	66.0	50.0
228.	07.55	54.3	65.5	50.5	252.	09.55	52.6	66.7	48.8	276.	11.55	52.8	63.7	48.5
229.	08.00	57.6	73.5	51.3	253.	10.00	54.9	70.7	50.1	277.	12.00	56.4	69.2	49.4
230.	08.05	57.8	74.1	50.7	254.	10.05	53.3	68.8	48.4	278.	12.05	57.1	74.0	49.4
231.	08.10	59.5	76.2	51.9	255.	10.10	54.5	72.2	49.8	279.	12.10	53.8	69.6	48.7
232.	08.15	56.2	66.8	51.5	256.	10.15	53.4	61.8	49.5	280.	12.15	54.7	73.2	48.1
233.	08.20	55.9	66.1	52.0	257.	10.20	54.6	71.7	49.4	281.	12.20	55.5	67.1	47.6
234.	08.25	53.6	62.7	50.0	258.	10.25	52.0	61.4	49.8	282.	12.25	54.2	66.1	49.5
235.	08.30	54.6	67.1	50.1	259.	10.30	53.8	71.1	49.5	283.	12.30	52.4	60.1	49.2
236.	08.35	54.5	64.7	50.7	260.	10.35	51.4	57.2	49.5	284.	12.35	53.3	62.9	48.5
237.	08.40	55.2	66.3	51.5	261.	10.40	54.6	76.7	49.1	285.	12.40	54.8	66.4	49.1
238.	08.45	55.6	66.1	51.8	262.	10.45	53.1	67.8	49.0	286.	12.45	55.0	67.0	50.3
239.	08.50	55.7	67.8	51.1	263.	10.50	52.5	66.5	49.5	287.	12.50	54.8	65.2	51.6
240.	08.55	55.8	67.4	51.4	264.	10.55	52.2	66.5	49.2	288.	12.55	56.6	69.9	52.1

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager

**TET**

Thai Environmental Technic Limited

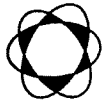
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP
 Project : โครงการผลิตขวดทองแดงส่วนขยายครั้งที่ 1
 Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม
 อำเภอบางปะกง จังหวัดฉะเชิงเทรา
 Contact : Tel. (038)-573 231-5
 Job No. : S660063/Feb/1

Report No. : 0425/2023/7-7
 Report Date : February 24, 2023
 Sampling Date : February 10-17, 2023
 Type of Sample : Sound Level

(7/1-3)

บ้านใกล้ด้านหน้าโครงการ														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		16-17/02/23					16-17/02/23					16-17/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
1.	13.00	55.5	68.3	50.7	37.	16.00	54.7	65.9	49.6	73.	19.00	53.6	68.3	49.5
2.	13.05	55.1	67.5	50.8	38.	16.05	55.6	75.9	49.6	74.	19.05	53.0	67.0	50.0
3.	13.10	54.3	65.0	49.8	39.	16.10	59.0	72.5	50.1	75.	19.10	52.7	67.0	49.7
4.	13.15	58.5	73.3	51.1	40.	16.15	52.3	66.0	48.5	76.	19.15	52.3	62.4	49.6
5.	13.20	56.3	78.1	50.8	41.	16.20	53.2	66.9	47.8	77.	19.20	52.1	59.2	49.6
6.	13.25	54.5	69.3	50.4	42.	16.25	55.2	70.0	49.4	78.	19.25	53.5	67.1	49.9
7.	13.30	56.4	75.4	51.8	43.	16.30	53.9	67.0	47.7	79.	19.30	53.9	64.5	50.5
8.	13.35	53.5	64.6	48.6	44.	16.35	52.6	62.2	48.0	80.	19.35	53.3	66.6	50.8
9.	13.40	52.8	65.9	46.8	45.	16.40	52.5	66.3	48.0	81.	19.40	54.2	77.6	50.4
10.	13.45	55.5	68.0	51.0	46.	16.45	58.4	76.0	49.4	82.	19.45	52.9	64.5	50.3
11.	13.50	54.2	62.3	51.0	47.	16.50	54.0	64.6	48.2	83.	19.50	54.4	68.9	49.3
12.	13.55	56.0	66.4	51.6	48.	16.55	54.2	64.3	47.9	84.	19.55	51.6	58.7	49.3
13.	14.00	55.0	64.0	51.1	49.	17.00	54.6	67.8	49.0	85.	20.00	51.1	63.4	48.7
14.	14.05	54.7	64.5	50.8	50.	17.05	54.7	65.3	50.3	86.	20.05	52.8	62.1	50.1
15.	14.10	57.4	73.1	51.7	51.	17.10	56.1	66.4	52.2	87.	20.10	54.2	65.9	50.4
16.	14.15	55.2	64.3	51.7	52.	17.15	56.2	68.1	51.1	88.	20.15	51.6	57.3	49.4
17.	14.20	55.7	64.5	51.2	53.	17.20	54.0	68.3	50.1	89.	20.20	52.0	65.8	49.0
18.	14.25	59.6	73.0	51.9	54.	17.25	55.7	67.9	51.6	90.	20.25	51.7	63.0	48.8
19.	14.30	60.2	67.0	55.0	55.	17.30	55.7	72.4	49.6	91.	20.30	51.3	58.0	48.8
20.	14.35	61.9	70.5	56.3	56.	17.35	53.7	63.3	50.0	92.	20.35	52.5	60.4	50.1
21.	14.40	57.3	70.7	51.6	57.	17.40	54.5	67.8	51.2	93.	20.40	54.2	63.1	51.7
22.	14.45	53.7	62.8	49.2	58.	17.45	54.7	70.7	49.3	94.	20.45	53.5	63.9	51.0
23.	14.50	61.5	71.0	54.8	59.	17.50	53.3	63.8	49.1	95.	20.50	54.4	65.3	51.2
24.	14.55	61.4	70.9	55.3	60.	17.55	53.5	68.2	49.2	96.	20.55	54.1	59.5	51.5
25.	15.00	60.9	67.5	51.1	61.	18.00	53.5	64.2	50.2	97.	21.00	52.5	65.5	50.4
26.	15.05	59.8	70.4	51.0	62.	18.05	52.9	61.9	48.7	98.	21.05	52.1	60.4	50.7
27.	15.10	51.8	60.6	47.4	63.	18.10	53.1	67.2	49.3	99.	21.10	53.1	65.0	50.9
28.	15.15	55.1	65.6	48.7	64.	18.15	55.4	71.2	50.6	100.	21.15	52.2	57.8	51.2
29.	15.20	66.6	83.2	56.3	65.	18.20	53.8	69.3	48.9	101.	21.20	51.6	57.4	50.4
30.	15.25	56.3	64.1	52.7	66.	18.25	55.0	72.7	50.3	102.	21.25	51.7	63.8	50.5
31.	15.30	59.9	73.8	51.4	67.	18.30	53.9	62.3	50.0	103.	21.30	57.3	99.4	50.2
32.	15.35	54.0	62.3	49.9	68.	18.35	55.1	72.2	49.9	104.	21.35	52.9	69.2	50.4
33.	15.40	55.1	64.0	52.4	69.	18.40	52.5	61.9	50.3	105.	21.40	52.8	65.3	50.4
34.	15.45	54.8	67.7	50.8	70.	18.45	54.3	71.6	50.0	106.	21.45	51.1	56.4	50.3
35.	15.50	54.1	67.1	50.3	71.	18.50	51.9	57.7	50.0	107.	21.50	51.9	58.3	50.4
36.	15.55	54.2	66.6	49.3	72.	18.55	55.1	77.2	49.6	108.	21.55	51.2	58.1	50.2

**TET**

Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(7/2-3)

บ้านใกล้ด้านหน้าโครงการ														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		16-17/02/23					16-17/02/23					16-17/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
109.	22.00	53.3	72.7	50.4	145.	01.00	47.4	53.9	46.2	181.	04.00	47.7	56.4	46.6
110.	22.05	52.6	65.4	50.7	146.	01.05	48.7	57.2	46.5	182.	04.05	47.2	51.0	46.7
111.	22.10	51.7	61.0	50.3	147.	01.10	48.3	60.8	46.1	183.	04.10	48.0	56.5	46.7
112.	22.15	51.9	63.4	50.6	148.	01.15	47.0	61.1	45.6	184.	04.15	48.0	56.2	46.5
113.	22.20	51.6	62.8	50.1	149.	01.20	47.1	55.1	46.0	185.	04.20	50.7	60.6	47.5
114.	22.25	51.0	58.0	49.9	150.	01.25	48.0	55.1	46.0	186.	04.25	47.9	58.5	46.1
115.	22.30	50.8	55.8	49.6	151.	01.30	48.5	55.9	46.3	187.	04.30	47.4	56.6	45.9
116.	22.35	51.0	60.8	49.1	152.	01.35	49.4	66.1	46.4	188.	04.35	49.0	64.1	46.7
117.	22.40	50.1	58.6	49.0	153.	01.40	46.4	52.8	45.8	189.	04.40	48.1	57.4	46.4
118.	22.45	50.7	63.0	49.3	154.	01.45	46.9	56.0	46.0	190.	04.45	48.2	57.9	46.0
119.	22.50	50.2	54.1	49.4	155.	01.50	46.8	59.6	45.7	191.	04.50	47.1	60.8	45.7
120.	22.55	50.2	54.1	49.4	156.	01.55	46.5	52.4	45.7	192.	04.55	47.3	53.7	45.6
121.	23.00	50.5	55.9	49.4	157.	02.00	47.1	56.4	46.0	193.	05.00	48.8	55.7	46.2
122.	23.05	50.5	60.6	48.8	158.	02.05	47.7	56.1	46.1	194.	05.05	50.1	64.8	46.5
123.	23.10	50.6	62.3	49.1	159.	02.10	47.5	59.5	45.7	195.	05.10	49.5	58.0	46.5
124.	23.15	52.4	62.5	49.7	160.	02.15	47.5	57.1	46.2	196.	05.15	49.4	58.6	46.4
125.	23.20	51.7	72.6	49.3	161.	02.20	47.4	56.0	46.2	197.	05.20	51.8	62.5	46.7
126.	23.25	50.8	63.1	49.2	162.	02.25	48.1	54.3	46.5	198.	05.25	50.6	62.7	46.8
127.	23.30	54.8	74.7	49.2	163.	02.30	48.5	53.8	47.2	199.	05.30	53.4	70.7	47.9
128.	23.35	51.7	63.3	49.4	164.	02.35	49.0	60.7	46.8	200.	05.35	49.9	60.1	47.1
129.	23.40	50.6	59.2	49.4	165.	02.40	47.4	52.1	46.4	201.	05.40	49.4	58.1	47.7
130.	23.45	50.8	57.8	49.3	166.	02.45	47.9	55.2	46.7	202.	05.45	50.9	64.5	47.7
131.	23.50	50.6	58.9	49.4	167.	02.50	48.5	53.5	47.5	203.	05.50	53.4	64.5	49.1
132.	23.55	50.8	62.4	49.0	168.	02.55	49.3	61.8	47.3	204.	05.55	53.3	65.1	50.4
133.	00.00	50.4	58.3	49.1	169.	03.00	48.1	55.3	46.8	205.	06.00	51.2	56.1	48.9
134.	00.05	51.8	61.2	49.9	170.	03.05	48.5	59.5	46.9	206.	06.05	51.0	58.5	48.2
135.	00.10	51.9	60.6	50.2	171.	03.10	48.7	59.3	47.3	207.	06.10	55.9	81.7	48.6
136.	00.15	47.5	61.6	46.1	172.	03.15	48.5	57.4	46.8	208.	06.15	53.7	65.6	48.9
137.	00.20	48.3	58.1	46.3	173.	03.20	48.8	56.8	47.0	209.	06.20	53.0	63.8	48.7
138.	00.25	55.3	72.8	46.3	174.	03.25	52.2	72.0	46.6	210.	06.25	55.0	76.0	49.6
139.	00.30	47.3	59.3	46.0	175.	03.30	47.3	53.1	46.5	211.	06.30	54.5	64.9	49.7
140.	00.35	47.8	56.2	46.1	176.	03.35	48.3	53.9	47.1	212.	06.35	53.6	65.3	50.1
141.	00.40	46.9	54.8	46.0	177.	03.40	51.5	65.9	46.8	213.	06.40	54.6	64.9	50.9
142.	00.45	47.2	56.1	46.0	178.	03.45	50.0	61.4	46.7	214.	06.45	56.3	66.6	51.3
143.	00.50	48.4	56.8	46.7	179.	03.50	48.4	56.5	46.4	215.	06.50	54.8	66.0	51.0
144.	00.55	50.9	68.1	46.6	180.	03.55	46.9	50.9	46.1	216.	06.55	58.1	74.0	51.8



Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(7/3-3)

บ้านใกล้ด้านหน้าโครงการ														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		16-17/02/23					16-17/02/23					16-17/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
217.	07.00	58.3	74.6	51.2	241.	09.00	59.4	69.1	54.6	265.	11.00	54.3	68.9	49.4
218.	07.05	60.0	76.7	52.4	242.	09.05	59.6	70.4	55.5	266.	11.05	54.1	62.6	48.9
219.	07.10	56.7	67.3	52.0	243.	09.10	55.0	65.6	50.5	267.	11.10	51.3	59.5	46.4
220.	07.15	56.4	66.6	52.5	244.	09.15	55.6	71.3	50.1	268.	11.15	52.1	60.1	48.7
221.	07.20	54.1	63.2	50.5	245.	09.20	57.1	70.8	53.5	269.	11.20	54.2	62.4	50.3
222.	07.25	55.1	67.6	50.6	246.	09.25	58.3	75.6	53.5	270.	11.25	51.7	63.3	47.0
223.	07.30	55.0	65.2	51.2	247.	09.30	59.3	73.1	54.1	271.	11.30	54.2	67.5	48.8
224.	07.35	55.7	66.8	52.0	248.	09.35	57.5	70.6	52.9	272.	11.35	53.4	65.5	49.5
225.	07.40	56.1	66.6	52.3	249.	09.40	56.3	65.2	52.8	273.	11.40	52.3	63.2	48.0
226.	07.45	56.2	68.3	51.6	250.	09.45	57.7	68.0	54.0	274.	11.45	55.9	68.7	48.9
227.	07.50	56.3	67.9	51.9	251.	09.50	57.1	70.7	53.4	275.	11.50	56.6	73.5	48.9
228.	07.55	56.8	72.3	51.1	252.	09.55	56.0	68.9	52.2	276.	11.55	53.3	69.1	48.2
229.	08.00	54.6	66.5	50.6	253.	10.00	57.2	67.2	53.1	277.	12.00	54.2	72.7	47.6
230.	08.05	56.1	73.7	50.5	254.	10.05	57.5	71.9	53.6	278.	12.05	55.0	66.6	47.1
231.	08.10	54.8	69.5	49.1	255.	10.10	57.2	71.1	53.9	279.	12.10	53.7	65.6	49.0
232.	08.15	56.4	73.5	49.7	256.	10.15	59.2	74.5	54.8	280.	12.15	51.9	59.6	48.7
233.	08.20	55.7	76.3	50.2	257.	10.20	58.5	72.4	54.1	281.	12.20	52.8	62.4	48.0
234.	08.25	53.6	71.6	49.1	258.	10.25	57.1	65.8	53.6	282.	12.25	54.3	65.9	48.6
235.	08.30	57.5	66.3	52.5	259.	10.30	56.7	63.9	52.4	283.	12.30	54.5	66.5	49.8
236.	08.35	56.7	63.5	53.2	260.	10.35	55.3	64.8	51.5	284.	12.35	54.3	64.7	51.1
237.	08.40	54.4	61.5	51.2	261.	10.40	57.2	75.7	51.4	285.	12.40	56.1	69.4	51.6
238.	08.45	55.9	69.7	52.1	262.	10.45	52.7	69.6	45.4	286.	12.45	55.0	67.8	50.2
239.	08.50	57.9	69.5	52.5	263.	10.50	53.1	66.9	47.8	287.	12.50	54.6	67.0	50.3
240.	08.55	59.7	69.1	54.6	264.	10.55	53.2	63.8	46.2	288.	12.55	53.8	64.5	49.3

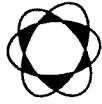
Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager



Thai Environmental Technic Limited

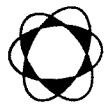
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP
 Project : โครงการผลิตขวดทองแดงส่วนขยายครั้งที่ 1
 Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม
 อำเภอบางปะกง จังหวัดฉะเชิงเทรา
 Contact : Tel. (038)-573 231-5
 Job No. : S660063/Feb/1

Report No. : 0425/2023/1-7
 Report Date : February 24, 2023
 Sampling Date : February 10-17, 2023
 Type of Sample : Sound Level

(1/1-3)

ริมรั้วข้างห้องตึก 5 ตัน														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		10-11/02/23					10-11/02/23					10-11/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
1.	13.00	68.6	81.0	67.8	37.	16.00	69.1	72.4	68.6	73.	19.00	67.2	78.9	66.6
2.	13.05	68.4	78.3	67.9	38.	16.05	69.9	75.3	68.8	74.	19.05	67.1	72.4	66.2
3.	13.10	69.3	80.7	68.1	39.	16.10	69.1	75.1	68.4	75.	19.10	67.3	74.3	66.0
4.	13.15	68.5	83.8	67.9	40.	16.15	70.0	87.5	68.2	76.	19.15	67.4	75.7	66.9
5.	13.20	69.1	85.8	67.9	41.	16.20	69.2	74.7	68.2	77.	19.20	67.2	68.5	66.9
6.	13.25	71.9	78.3	68.1	42.	16.25	69.2	78.5	68.3	78.	19.25	66.7	69.2	66.5
7.	13.30	70.9	83.1	67.6	43.	16.30	69.3	83.9	67.9	79.	19.30	67.3	78.6	66.6
8.	13.35	71.4	88.1	68.2	44.	16.35	68.9	78.8	67.8	80.	19.35	67.3	73.4	66.9
9.	13.40	71.2	80.1	68.5	45.	16.40	69.3	82.8	66.8	81.	19.40	67.4	75.1	67.1
10.	13.45	69.2	80.6	67.2	46.	16.45	68.1	84.6	66.2	82.	19.45	68.6	78.0	67.8
11.	13.50	69.0	81.3	66.9	47.	16.50	67.9	77.1	66.1	83.	19.50	67.8	78.0	67.0
12.	13.55	67.3	71.2	66.6	48.	16.55	66.9	75.7	66.2	84.	19.55	67.2	73.8	63.4
13.	14.00	67.1	69.6	66.7	49.	17.00	66.4	67.5	66.2	85.	20.00	63.0	66.6	62.4
14.	14.05	68.8	80.8	67.2	50.	17.05	66.4	73.9	66.1	86.	20.05	65.8	85.4	62.9
15.	14.10	68.3	75.3	67.6	51.	17.10	67.6	78.9	66.4	87.	20.10	67.1	83.2	64.5
16.	14.15	70.1	80.5	68.1	52.	17.15	67.1	79.7	66.5	88.	20.15	67.4	77.8	64.6
17.	14.20	70.7	82.2	68.5	53.	17.20	67.7	77.3	66.7	89.	20.20	67.5	79.3	65.4
18.	14.25	71.0	85.6	68.8	54.	17.25	68.6	79.2	66.8	90.	20.25	68.0	74.0	67.2
19.	14.30	70.0	83.1	68.6	55.	17.30	67.6	77.9	66.4	91.	20.30	70.4	78.6	68.0
20.	14.35	70.4	80.7	68.7	56.	17.35	72.7	88.8	66.4	92.	20.35	68.9	76.4	68.1
21.	14.40	69.4	78.1	68.5	57.	17.40	69.0	82.4	66.2	93.	20.40	68.4	77.0	68.0
22.	14.45	70.0	81.6	68.8	58.	17.45	72.2	92.2	67.5	94.	20.45	69.1	73.6	68.5
23.	14.50	69.9	89.6	68.9	59.	17.50	72.5	89.5	69.1	95.	20.50	69.3	79.1	68.9
24.	14.55	70.0	84.1	69.0	60.	17.55	69.6	84.6	67.0	96.	20.55	69.2	80.9	68.4
25.	15.00	69.8	80.7	68.6	61.	18.00	68.8	83.3	66.6	97.	21.00	68.1	75.7	67.8
26.	15.05	70.0	81.2	68.8	62.	18.05	69.0	83.6	66.4	98.	21.05	68.3	70.1	68.0
27.	15.10	69.5	81.8	68.3	63.	18.10	69.4	83.8	66.5	99.	21.10	68.7	73.2	68.4
28.	15.15	68.9	74.6	68.1	64.	18.15	69.0	83.8	66.7	100.	21.15	69.1	75.2	68.5
29.	15.20	68.0	70.2	67.6	65.	18.20	70.5	86.8	68.1	101.	21.20	68.6	74.6	67.7
30.	15.25	67.9	76.6	67.5	66.	18.25	68.8	82.0	66.9	102.	21.25	67.7	78.2	67.1
31.	15.30	68.3	80.2	67.6	67.	18.30	68.9	83.4	67.3	103.	21.30	67.4	73.1	67.1
32.	15.35	68.1	79.7	67.3	68.	18.35	68.2	84.5	67.4	104.	21.35	67.6	74.2	67.2
33.	15.40	67.7	78.6	67.3	69.	18.40	68.3	78.1	67.5	105.	21.40	68.8	75.0	67.4
34.	15.45	67.9	71.9	67.6	70.	18.45	68.3	72.4	67.6	106.	21.45	68.7	73.9	66.7
35.	15.50	68.0	72.6	67.5	71.	18.50	68.1	75.3	67.4	107.	21.50	66.9	75.8	66.1
36.	15.55	69.5	87.1	68.5	72.	18.55	67.3	77.3	66.7	108.	21.55	66.4	78.7	66.2

**TET**

Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(1/2-3)

ริมรั้วข้างห้องตาสั่ง 5 ตัน														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		10-11/02/23					10-11/02/23					10-11/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
109.	22.00	66.7	77.3	66.2	145.	01.00	66.9	71.9	66.6	181.	04.00	69.1	73.5	68.5
110.	22.05	67.5	81.9	66.5	146.	01.05	67.1	69.5	66.7	182.	04.05	68.3	72.5	67.7
111.	22.10	67.2	74.1	66.3	147.	01.10	67.4	76.7	66.9	183.	04.10	67.7	75.3	67.1
112.	22.15	66.4	72.7	66.0	148.	01.15	68.1	76.4	66.6	184.	04.15	68.1	73.9	67.4
113.	22.20	66.3	67.3	66.2	149.	01.20	66.6	70.4	66.3	185.	04.20	68.6	77.4	67.8
114.	22.25	66.3	74.0	66.1	150.	01.25	67.6	79.4	66.4	186.	04.25	67.6	72.9	67.2
115.	22.30	66.5	75.2	66.2	151.	01.30	67.0	76.2	66.0	187.	04.30	67.3	68.7	66.9
116.	22.35	66.6	77.9	66.4	152.	01.35	67.2	77.2	66.1	188.	04.35	66.4	67.9	66.2
117.	22.40	66.6	74.8	66.0	153.	01.40	66.7	71.3	66.3	189.	04.40	66.9	80.2	66.6
118.	22.45	66.7	74.0	66.2	154.	01.45	67.8	74.7	67.0	190.	04.45	67.3	74.9	66.7
119.	22.50	66.5	75.9	66.2	155.	01.50	68.9	75.7	68.3	191.	04.50	67.4	75.0	66.8
120.	22.55	66.5	69.0	66.3	156.	01.55	67.3	73.5	67.0	192.	04.55	67.0	70.0	66.7
121.	23.00	66.3	68.8	66.1	157.	02.00	67.7	80.4	66.9	193.	05.00	66.9	68.5	66.6
122.	23.05	66.6	72.6	66.2	158.	02.05	67.1	68.6	66.8	194.	05.05	67.5	71.3	66.9
123.	23.10	66.9	75.2	66.6	159.	02.10	67.1	72.0	66.9	195.	05.10	68.3	70.7	67.6
124.	23.15	66.8	68.9	66.3	160.	02.15	68.3	72.8	67.6	196.	05.15	69.5	72.5	69.0
125.	23.20	66.7	75.4	66.3	161.	02.20	68.5	71.5	68.0	197.	05.20	69.2	84.5	68.4
126.	23.25	67.4	75.9	66.3	162.	02.25	67.6	71.9	67.2	198.	05.25	68.2	76.3	67.3
127.	23.30	67.6	75.8	66.3	163.	02.30	68.6	77.4	67.5	199.	05.30	67.0	76.3	66.0
128.	23.35	66.7	74.8	66.3	164.	02.35	68.5	78.7	67.2	200.	05.35	67.2	76.4	65.9
129.	23.40	66.4	67.9	66.2	165.	02.40	70.1	77.3	68.7	201.	05.40	66.0	73.6	65.8
130.	23.45	67.1	76.9	66.2	166.	02.45	68.8	77.2	68.2	202.	05.45	66.6	68.8	65.9
131.	23.50	67.6	70.8	66.6	167.	02.50	69.4	74.8	68.7	203.	05.50	67.5	75.7	66.8
132.	23.55	67.9	76.0	67.0	168.	02.55	70.4	76.8	69.2	204.	05.55	69.4	75.4	67.3
133.	00.00	67.6	75.7	66.8	169.	03.00	73.5	79.7	72.0	205.	06.00	68.4	73.8	67.1
134.	00.05	67.5	75.3	66.6	170.	03.05	74.9	80.6	70.5	206.	06.05	67.8	77.8	67.0
135.	00.10	66.6	67.6	66.4	171.	03.10	70.2	75.5	69.5	207.	06.10	67.6	75.0	67.0
136.	00.15	66.8	68.0	66.4	172.	03.15	69.3	73.5	68.7	208.	06.15	67.1	70.1	66.9
137.	00.20	69.2	75.4	67.1	173.	03.20	68.6	76.1	68.2	209.	06.20	67.3	71.1	66.9
138.	00.25	76.3	84.0	70.3	174.	03.25	69.4	74.7	68.6	210.	06.25	67.6	69.9	67.1
139.	00.30	72.9	83.1	67.7	175.	03.30	68.8	75.2	68.3	211.	06.30	68.4	79.6	67.8
140.	00.35	67.6	71.8	67.2	176.	03.35	68.7	75.4	68.1	212.	06.35	68.7	75.3	67.7
141.	00.40	67.3	73.1	66.9	177.	03.40	68.7	74.7	68.0	213.	06.40	74.3	78.7	72.6
142.	00.45	67.7	75.9	66.9	178.	03.45	67.9	72.4	67.7	214.	06.45	68.7	74.5	67.9
143.	00.50	67.7	75.1	67.0	179.	03.50	68.5	80.1	67.9	215.	06.50	68.2	76.7	67.6
144.	00.55	67.2	74.9	66.8	180.	03.55	69.0	74.1	68.5	216.	06.55	68.1	75.5	67.2



Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(1/3-3)

ริมรั้วข้างห้องตึก 5 ตัน														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		10-11/02/23					10-11/02/23					10-11/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
217.	07.00	68.1	72.1	67.5	241.	09.00	67.0	75.7	66.2	265.	11.00	74.8	87.7	70.4
218.	07.05	67.9	75.4	67.2	242.	09.05	68.7	81.0	66.9	266.	11.05	72.6	84.9	70.0
219.	07.10	67.7	77.2	66.6	243.	09.10	70.4	83.2	67.9	267.	11.10	71.5	86.0	68.2
220.	07.15	67.3	77.0	66.7	244.	09.15	70.7	86.5	67.1	268.	11.15	71.6	84.2	68.6
221.	07.20	67.0	71.8	66.7	245.	09.20	69.9	85.2	66.6	269.	11.20	71.6	85.1	68.4
222.	07.25	68.2	81.8	66.7	246.	09.25	69.5	83.9	66.3	270.	11.25	72.4	86.2	68.8
223.	07.30	67.8	81.8	66.9	247.	09.30	70.5	84.6	67.5	271.	11.30	72.0	83.1	68.6
224.	07.35	68.1	77.9	67.4	248.	09.35	71.3	85.1	68.1	272.	11.35	76.6	90.7	72.8
225.	07.40	68.4	82.5	67.5	249.	09.40	71.3	83.1	68.7	273.	11.40	74.0	88.7	69.7
226.	07.45	69.6	82.6	67.8	250.	09.45	71.4	86.7	68.6	274.	11.45	68.6	79.8	67.5
227.	07.50	69.5	86.3	68.0	251.	09.50	71.1	84.4	68.8	275.	11.50	69.8	77.3	67.6
228.	07.55	70.2	80.3	68.3	252.	09.55	71.2	89.2	68.2	276.	11.55	68.9	73.8	67.6
229.	08.00	70.4	83.5	68.1	253.	10.00	69.3	79.4	67.5	277.	12.00	67.3	71.2	66.6
230.	08.05	71.7	90.6	67.9	254.	10.05	68.1	75.7	67.5	278.	12.05	67.5	76.8	66.3
231.	08.10	72.1	87.2	68.9	255.	10.10	67.7	71.9	67.2	279.	12.10	67.8	78.8	67.0
232.	08.15	71.1	85.3	68.3	256.	10.15	68.7	77.5	67.6	280.	12.15	67.1	68.7	66.8
233.	08.20	70.6	83.7	67.6	257.	10.20	70.4	81.2	67.8	281.	12.20	67.8	79.7	66.8
234.	08.25	71.5	83.4	68.3	258.	10.25	70.4	82.9	67.7	282.	12.25	72.0	78.3	67.2
235.	08.30	71.0	84.4	67.8	259.	10.30	70.6	81.0	67.7	283.	12.30	73.6	80.0	70.8
236.	08.35	70.7	82.4	67.9	260.	10.35	68.2	76.4	66.9	284.	12.35	68.8	75.5	67.7
237.	08.40	71.9	81.2	68.6	261.	10.40	69.9	75.4	68.4	285.	12.40	67.6	77.0	65.8
238.	08.45	71.1	80.4	67.9	262.	10.45	68.3	81.1	67.3	286.	12.45	66.2	68.9	65.7
239.	08.50	68.1	78.2	66.7	263.	10.50	70.8	86.2	67.5	287.	12.50	66.8	74.7	66.1
240.	08.55	67.1	73.7	66.6	264.	10.55	71.0	77.7	68.7	288.	12.55	67.0	69.5	66.3

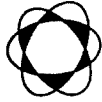
Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager

**TET**

Thai Environmental Technic Limited

บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP
 Project : โครงการผลิตขวดทองแดงส่วนขยายครั้งที่ 1
 Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม
 อำเภอบางปะกง จังหวัดฉะเชิงเทรา
 Contact : Tel. (038)-573 231-5
 Job No. : S660063/Feb/1

Report No. : 0425/2023/2-7
 Report Date : February 24, 2023
 Sampling Date : February 10-17, 2023
 Type of Sample : Sound Level

(2/1-3)

ริมรั้วข้างห้องตึก 5 ตัน														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		11-12/02/23					11-12/02/23					11-12/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
1.	13.00	67.9	75.0	67.6	37.	16.00	69.6	84.8	67.4	73.	19.00	66.8	79.3	63.8
2.	13.05	68.6	78.3	67.7	38.	16.05	70.3	84.8	68.1	74.	19.05	65.7	75.6	63.6
3.	13.10	68.0	76.5	67.6	39.	16.10	70.0	82.7	67.9	75.	19.10	66.5	79.1	65.7
4.	13.15	67.5	74.5	67.2	40.	16.15	70.2	81.6	68.2	76.	19.15	67.0	80.5	65.8
5.	13.20	68.3	79.8	67.5	41.	16.20	70.5	81.2	68.6	77.	19.20	67.6	78.6	65.8
6.	13.25	69.2	79.2	67.7	42.	16.25	71.5	93.5	68.4	78.	19.25	66.3	77.2	63.3
7.	13.30	68.3	80.1	67.2	43.	16.30	71.4	91.1	68.5	79.	19.30	65.1	83.5	63.1
8.	13.35	68.6	77.7	67.4	44.	16.35	70.6	86.2	68.4	80.	19.35	65.6	85.2	62.4
9.	13.40	68.3	77.5	67.5	45.	16.40	69.9	82.8	68.2	81.	19.40	62.6	81.4	61.3
10.	13.45	69.3	84.3	67.7	46.	16.45	69.3	81.6	68.5	82.	19.45	61.5	67.7	60.9
11.	13.50	72.6	85.1	69.6	47.	16.50	69.5	71.5	68.9	83.	19.50	62.9	77.8	61.2
12.	13.55	69.2	80.7	67.5	48.	16.55	70.1	72.1	69.6	84.	19.55	61.6	66.4	61.1
13.	14.00	69.1	80.8	67.2	49.	17.00	70.0	83.8	69.3	85.	20.00	61.8	70.7	61.0
14.	14.05	70.6	84.1	67.8	50.	17.05	69.6	74.7	68.9	86.	20.05	62.0	66.2	61.2
15.	14.10	69.2	81.6	67.0	51.	17.10	69.6	82.9	68.7	87.	20.10	63.0	67.4	61.7
16.	14.15	69.7	88.9	67.0	52.	17.15	69.2	78.5	68.5	88.	20.15	63.1	66.3	62.3
17.	14.20	68.8	85.7	66.6	53.	17.20	68.9	77.1	68.4	89.	20.20	62.6	65.9	62.0
18.	14.25	69.1	83.6	66.8	54.	17.25	68.7	73.8	68.3	90.	20.25	62.2	65.1	61.8
19.	14.30	68.2	80.8	66.8	55.	17.30	68.4	72.9	68.1	91.	20.30	61.9	64.7	61.3
20.	14.35	68.9	80.0	67.4	56.	17.35	68.5	73.8	68.0	92.	20.35	61.1	63.9	60.8
21.	14.40	69.9	83.3	68.0	57.	17.40	68.9	72.6	68.4	93.	20.40	61.0	63.2	60.6
22.	14.45	69.7	81.9	67.5	58.	17.45	73.3	83.3	69.2	94.	20.45	60.9	63.5	60.6
23.	14.50	68.8	83.2	67.0	59.	17.50	71.2	85.3	69.3	95.	20.50	60.9	63.8	60.6
24.	14.55	68.8	80.8	67.4	60.	17.55	71.2	81.9	68.9	96.	20.55	60.9	63.4	60.5
25.	15.00	68.5	78.4	67.1	61.	18.00	69.8	80.4	68.1	97.	21.00	60.8	63.1	60.5
26.	15.05	69.5	77.3	67.0	62.	18.05	69.9	80.1	68.4	98.	21.05	60.8	63.2	60.5
27.	15.10	68.3	76.4	66.8	63.	18.10	70.1	87.3	68.1	99.	21.10	60.9	63.2	60.5
28.	15.15	66.8	76.0	66.5	64.	18.15	71.2	88.4	68.6	100.	21.15	60.8	63.0	60.5
29.	15.20	66.8	68.0	66.6	65.	18.20	73.1	88.6	68.9	101.	21.20	60.9	63.0	60.5
30.	15.25	67.2	75.4	66.7	66.	18.25	72.7	86.1	69.6	102.	21.25	60.8	63.2	60.4
31.	15.30	68.5	79.1	67.1	67.	18.30	69.7	83.2	67.9	103.	21.30	60.7	62.5	60.4
32.	15.35	69.6	77.4	67.7	68.	18.35	67.9	77.0	65.8	104.	21.35	60.7	63.0	60.4
33.	15.40	69.3	79.2	67.1	69.	18.40	68.3	77.6	66.1	105.	21.40	60.8	63.2	60.5
34.	15.45	70.5	93.5	67.1	70.	18.45	66.7	82.4	64.9	106.	21.45	63.0	83.5	60.6
35.	15.50	70.5	91.1	67.2	71.	18.50	67.1	85.1	63.7	107.	21.50	61.8	72.0	60.1
36.	15.55	70.7	86.0	67.7	72.	18.55	66.6	77.5	63.3	108.	21.55	60.3	62.5	59.9



Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(2/2-3)

ริมรั้วข้างห้องตึก 5 ตัน														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		11-12/02/23					11-12/02/23					11-12/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
109.	22.00	60.4	63.2	60.0	145.	01.00	58.6	60.8	58.2	181.	04.00	58.8	60.7	58.6
110.	22.05	60.3	62.4	59.9	146.	01.05	58.8	67.6	58.3	182.	04.05	59.7	74.5	58.7
111.	22.10	60.3	62.6	60.0	147.	01.10	58.6	61.8	58.3	183.	04.10	62.0	74.8	59.6
112.	22.15	60.4	63.4	60.0	148.	01.15	58.5	60.9	58.2	184.	04.15	63.9	68.6	63.5
113.	22.20	60.3	62.3	60.0	149.	01.20	58.6	60.5	58.3	185.	04.20	66.8	91.1	63.7
114.	22.25	60.4	62.7	60.1	150.	01.25	58.5	60.8	58.3	186.	04.25	67.9	84.7	64.9
115.	22.30	60.5	63.4	60.2	151.	01.30	58.6	60.4	58.3	187.	04.30	65.3	76.9	62.0
116.	22.35	60.6	63.8	60.2	152.	01.35	58.5	60.4	58.3	188.	04.35	63.1	81.0	61.7
117.	22.40	60.6	63.5	60.2	153.	01.40	58.6	60.8	58.3	189.	04.40	61.0	78.4	58.6
118.	22.45	60.5	63.1	60.1	154.	01.45	58.7	61.1	58.3	190.	04.45	60.3	72.3	58.5
119.	22.50	60.5	63.3	60.1	155.	01.50	58.6	60.7	58.3	191.	04.50	61.7	65.4	60.2
120.	22.55	60.6	63.7	60.1	156.	01.55	58.6	60.6	58.3	192.	04.55	62.5	66.0	62.1
121.	23.00	60.4	63.0	60.0	157.	02.00	58.8	62.4	58.4	193.	05.00	63.6	82.7	62.2
122.	23.05	60.5	64.0	60.1	158.	02.05	58.6	61.2	58.3	194.	05.05	63.7	73.1	62.4
123.	23.10	60.4	62.8	60.0	159.	02.10	58.6	60.6	58.3	195.	05.10	65.1	74.2	63.3
124.	23.15	60.4	62.8	60.0	160.	02.15	58.6	60.9	58.3	196.	05.15	66.5	80.0	65.2
125.	23.20	60.6	63.0	60.2	161.	02.20	58.5	60.4	58.3	197.	05.20	65.8	74.9	65.3
126.	23.25	60.5	63.1	60.1	162.	02.25	58.5	60.6	58.3	198.	05.25	67.5	76.9	65.3
127.	23.30	60.6	63.3	60.1	163.	02.30	58.6	61.2	58.3	199.	05.30	67.4	78.8	65.1
128.	23.35	60.6	63.1	60.1	164.	02.35	58.6	60.9	58.4	200.	05.35	66.9	76.4	64.9
129.	23.40	60.5	62.9	60.1	165.	02.40	58.6	60.3	58.3	201.	05.40	65.2	74.9	64.4
130.	23.45	60.6	63.3	60.1	166.	02.45	58.6	60.7	58.3	202.	05.45	66.0	85.4	64.1
131.	23.50	60.7	63.2	60.3	167.	02.50	58.6	61.7	58.3	203.	05.50	65.2	77.6	64.0
132.	23.55	60.7	63.6	60.3	168.	02.55	58.5	60.3	58.3	204.	05.55	66.7	81.6	64.3
133.	00.00	60.8	63.6	60.3	169.	03.00	58.6	60.7	58.4	205.	06.00	67.8	79.3	64.9
134.	00.05	60.7	64.0	60.3	170.	03.05	58.6	60.4	58.3	206.	06.05	67.2	77.9	64.6
135.	00.10	60.7	63.5	60.2	171.	03.10	58.6	60.6	58.3	207.	06.10	65.1	73.1	63.3
136.	00.15	60.8	63.6	60.3	172.	03.15	58.6	60.6	58.4	208.	06.15	66.0	71.8	65.6
137.	00.20	60.8	63.6	60.3	173.	03.20	58.6	60.3	58.4	209.	06.20	66.0	72.0	65.6
138.	00.25	60.7	63.3	60.3	174.	03.25	58.7	71.4	58.3	210.	06.25	66.2	70.9	65.9
139.	00.30	60.7	65.8	60.2	175.	03.30	58.7	60.8	58.5	211.	06.30	66.1	74.7	65.7
140.	00.35	59.9	63.6	58.3	176.	03.35	58.8	61.0	58.5	212.	06.35	66.1	72.7	65.7
141.	00.40	58.5	60.5	58.2	177.	03.40	58.7	60.9	58.5	213.	06.40	66.0	70.0	65.7
142.	00.45	58.6	60.4	58.2	178.	03.45	58.8	60.8	58.5	214.	06.45	66.4	72.3	65.9
143.	00.50	58.6	60.8	58.2	179.	03.50	60.1	74.3	58.6	215.	06.50	67.3	74.6	66.3
144.	00.55	58.6	60.8	58.3	180.	03.55	58.8	60.5	58.5	216.	06.55	66.5	76.8	66.2

**TET**

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บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

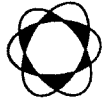
(2/3-3)

ริมรั้วข้างห้องดาซัง 5 ตัน														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		11-12/02/23					11-12/02/23					11-12/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
217.	07.00	68.3	79.5	66.9	241.	09.00	67.8	79.9	67.0	265.	11.00	66.7	75.7	66.4
218.	07.05	69.8	74.1	68.2	242.	09.05	70.9	76.6	68.7	266.	11.05	66.4	77.1	66.0
219.	07.10	67.9	76.0	66.8	243.	09.10	67.5	77.6	66.2	267.	11.10	66.9	74.8	66.1
220.	07.15	68.5	76.7	67.3	244.	09.15	67.1	81.5	66.1	268.	11.15	68.2	80.0	66.8
221.	07.20	68.2	77.1	67.7	245.	09.20	67.0	69.6	66.7	269.	11.20	66.4	71.2	65.9
222.	07.25	67.6	71.3	67.1	246.	09.25	67.7	75.5	67.2	270.	11.25	70.3	78.5	66.8
223.	07.30	67.9	78.0	67.4	247.	09.30	68.0	74.3	67.2	271.	11.30	68.2	82.0	66.6
224.	07.35	68.6	72.7	68.3	248.	09.35	68.7	79.8	67.7	272.	11.35	68.9	74.2	67.3
225.	07.40	68.3	74.5	67.7	249.	09.40	68.8	78.4	67.9	273.	11.40	69.1	74.5	67.5
226.	07.45	69.1	84.8	68.0	250.	09.45	68.5	76.4	67.6	274.	11.45	67.5	75.9	67.0
227.	07.50	68.9	81.5	67.9	251.	09.50	69.0	81.0	68.1	275.	11.50	67.3	75.8	66.8
228.	07.55	68.4	83.8	67.8	252.	09.55	68.4	70.0	68.1	276.	11.55	68.7	79.0	67.2
229.	08.00	68.1	76.5	67.5	253.	10.00	68.4	71.2	68.1	277.	12.00	68.9	78.7	67.9
230.	08.05	67.9	72.0	67.5	254.	10.05	67.7	70.0	67.3	278.	12.05	68.9	80.0	67.6
231.	08.10	68.3	77.2	67.8	255.	10.10	67.4	74.7	67.0	279.	12.10	67.7	69.1	67.3
232.	08.15	68.9	79.7	68.4	256.	10.15	69.1	81.6	67.2	280.	12.15	67.7	69.1	67.5
233.	08.20	70.0	76.0	68.9	257.	10.20	67.9	70.9	67.0	281.	12.20	68.7	80.8	67.6
234.	08.25	70.5	82.0	69.3	258.	10.25	67.5	71.1	67.0	282.	12.25	68.6	73.8	68.1
235.	08.30	68.7	71.3	67.8	259.	10.30	67.8	72.1	66.6	283.	12.30	69.0	72.0	68.2
236.	08.35	67.6	73.2	67.3	260.	10.35	66.4	69.3	66.1	284.	12.35	69.2	76.0	68.3
237.	08.40	69.0	83.0	67.1	261.	10.40	66.9	77.8	66.0	285.	12.40	68.5	76.6	68.1
238.	08.45	67.7	78.6	67.1	262.	10.45	66.7	82.5	66.0	286.	12.45	68.6	79.7	67.9
239.	08.50	68.0	78.3	67.3	263.	10.50	66.1	70.2	65.8	287.	12.50	68.2	70.0	67.9
240.	08.55	68.6	75.8	67.2	264.	10.55	68.0	79.3	66.1	288.	12.55	68.4	82.7	67.4

Wannasiri S.

Wannasiri Suriyawong

*Somchai P.*Somchai Piyavorasakul
General Manager



Thai Environmental Technic Limited

บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ไทยเมทัลโปรดิวส์ จำกัด/TMP
 Project : โครงการผลิตขวดทองแดงส่วนขยายครั้งที่ 1
 Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม
 อำเภอบางปะกง จังหวัดฉะเชิงเทรา
 Contact : Tel. (038)-573 231-5
 Job No. : S660063/Feb/1

Report No. : 0425/2023/3-7
 Report Date : February 24, 2023
 Sampling Date : February 10-17, 2023
 Type of Sample : Sound Level

(3/1-3)

ริมรั้วข้างห้องดาซัง 5 ตัน														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		12-13/02/23					12-13/02/23					12-13/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
1.	13.00	67.5	70.9	67.2	37.	16.00	67.2	77.4	66.3	73.	19.00	67.0	68.6	66.1
2.	13.05	67.4	70.3	67.2	38.	16.05	67.2	74.6	66.3	74.	19.05	66.7	77.0	66.0
3.	13.10	67.4	75.1	67.1	39.	16.10	67.0	79.0	66.5	75.	19.10	67.7	76.2	67.1
4.	13.15	67.6	75.9	67.3	40.	16.15	66.8	75.8	66.1	76.	19.15	68.0	79.2	67.0
5.	13.20	67.6	71.2	67.3	41.	16.20	66.5	83.8	65.7	77.	19.20	67.1	76.4	66.8
6.	13.25	68.5	77.9	67.1	42.	16.25	66.1	71.0	65.7	78.	19.25	70.4	76.0	67.5
7.	13.30	67.8	70.5	67.0	43.	16.30	66.7	81.3	65.8	79.	19.30	68.5	77.2	67.5
8.	13.35	68.2	75.7	67.2	44.	16.35	67.6	86.1	65.9	80.	19.35	66.0	73.6	64.8
9.	13.40	68.0	80.6	67.3	45.	16.40	66.7	77.3	65.7	81.	19.40	66.2	76.8	65.0
10.	13.45	68.8	78.1	67.4	46.	16.45	66.9	78.6	65.8	82.	19.45	68.3	76.8	67.2
11.	13.50	68.5	73.7	67.6	47.	16.50	65.9	69.4	65.7	83.	19.50	67.4	72.6	66.1
12.	13.55	68.2	76.3	67.6	48.	16.55	65.9	67.9	65.7	84.	19.55	67.1	74.8	66.2
13.	14.00	69.2	83.6	67.7	49.	17.00	66.1	76.9	65.8	85.	20.00	67.1	74.1	66.5
14.	14.05	68.4	77.8	67.5	50.	17.05	66.1	70.8	65.8	86.	20.05	66.9	76.3	66.1
15.	14.10	67.7	72.0	67.3	51.	17.10	66.9	80.6	66.0	87.	20.10	67.5	75.4	66.5
16.	14.15	67.3	68.8	67.0	52.	17.15	66.6	74.4	66.1	88.	20.15	66.5	78.4	66.1
17.	14.20	68.0	77.8	67.1	53.	17.20	66.4	70.6	66.1	89.	20.20	66.6	69.3	66.1
18.	14.25	70.6	78.5	68.1	54.	17.25	66.4	70.0	66.1	90.	20.25	66.9	76.9	66.1
19.	14.30	72.7	80.0	68.2	55.	17.30	66.6	72.2	66.2	91.	20.30	66.9	76.5	66.4
20.	14.35	70.4	80.3	68.3	56.	17.35	67.2	75.0	66.2	92.	20.35	67.2	74.8	66.5
21.	14.40	68.2	74.6	67.7	57.	17.40	66.8	81.1	66.2	93.	20.40	67.8	77.3	67.0
22.	14.45	75.6	85.5	67.9	58.	17.45	66.9	69.3	66.3	94.	20.45	68.2	75.2	67.3
23.	14.50	73.9	81.6	70.5	59.	17.50	68.0	76.8	67.0	95.	20.50	67.6	75.8	67.2
24.	14.55	75.1	82.0	71.0	60.	17.55	68.2	74.3	66.7	96.	20.55	67.8	69.4	67.5
25.	15.00	78.1	83.1	73.5	61.	18.00	66.7	71.3	66.4	97.	21.00	67.2	75.8	66.9
26.	15.05	75.0	83.6	70.1	62.	18.05	66.7	78.5	66.4	98.	21.05	67.8	84.5	66.8
27.	15.10	71.7	80.0	68.5	63.	18.10	67.8	78.3	66.5	99.	21.10	67.6	79.5	66.8
28.	15.15	68.4	73.3	67.9	64.	18.15	66.6	69.6	66.3	100.	21.15	67.1	74.2	66.5
29.	15.20	68.3	69.7	68.1	65.	18.20	66.5	68.9	66.3	101.	21.20	66.9	75.8	66.2
30.	15.25	68.3	73.8	68.0	66.	18.25	67.0	74.9	66.4	102.	21.25	66.6	74.1	66.3
31.	15.30	68.2	81.6	67.7	67.	18.30	67.1	78.5	66.4	103.	21.30	67.8	75.4	66.8
32.	15.35	67.6	69.0	67.4	68.	18.35	67.7	76.4	67.0	104.	21.35	67.6	74.4	66.8
33.	15.40	67.6	70.1	67.4	69.	18.40	67.5	73.0	66.9	105.	21.40	67.9	73.5	67.3
34.	15.45	68.3	83.5	67.5	70.	18.45	67.2	74.5	66.4	106.	21.45	67.4	76.7	66.5
35.	15.50	69.7	85.3	67.3	71.	18.50	67.0	73.8	66.2	107.	21.50	67.4	75.2	66.2
36.	15.55	68.5	81.8	66.7	72.	18.55	66.5	69.7	66.2	108.	21.55	67.0	69.5	66.6



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บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(3/2-3)

ริมรั้วข้างห้องคาซัง 5 ตัน														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		12-13/02/23					12-13/02/23					12-13/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
109.	22.00	67.7	75.1	66.7	145.	01.00	67.5	77.3	66.6	181.	04.00	67.9	78.3	67.1
110.	22.05	66.8	73.0	66.5	146.	01.05	67.7	70.8	66.9	182.	04.05	67.3	77.1	67.1
111.	22.10	66.9	76.6	66.5	147.	01.10	67.9	77.6	66.8	183.	04.10	67.6	78.8	67.2
112.	22.15	67.3	72.2	66.6	148.	01.15	67.5	75.9	66.6	184.	04.15	67.1	70.2	67.0
113.	22.20	67.6	71.0	67.3	149.	01.20	67.2	68.7	66.9	185.	04.20	67.5	75.9	66.9
114.	22.25	67.9	74.1	67.4	150.	01.25	67.8	71.8	67.3	186.	04.25	67.6	77.5	67.1
115.	22.30	68.3	73.1	67.5	151.	01.30	68.0	76.0	67.5	187.	04.30	67.6	71.9	67.3
116.	22.35	69.1	76.0	68.2	152.	01.35	68.9	81.2	67.8	188.	04.35	68.2	75.2	67.5
117.	22.40	70.5	75.6	67.1	153.	01.40	68.1	73.6	67.5	189.	04.40	68.3	78.1	67.8
118.	22.45	66.9	74.7	66.1	154.	01.45	67.9	81.5	67.3	190.	04.45	68.7	76.8	68.1
119.	22.50	66.2	67.7	66.0	155.	01.50	67.6	79.8	66.8	191.	04.50	68.9	80.5	68.3
120.	22.55	68.4	73.3	66.9	156.	01.55	67.0	76.0	66.6	192.	04.55	67.1	68.7	66.8
121.	23.00	67.0	69.9	66.5	157.	02.00	67.4	75.9	66.7	193.	05.00	67.4	77.0	66.7
122.	23.05	67.7	71.1	66.9	158.	02.05	67.6	77.8	66.7	194.	05.05	67.4	74.1	66.8
123.	23.10	67.4	68.8	67.1	159.	02.10	68.1	78.3	67.1	195.	05.10	67.8	73.5	67.4
124.	23.15	67.8	76.1	67.4	160.	02.15	67.7	69.5	67.4	196.	05.15	68.1	77.7	67.5
125.	23.20	67.5	75.2	67.2	161.	02.20	67.7	74.7	67.2	197.	05.20	67.9	74.6	67.5
126.	23.25	67.4	74.4	67.0	162.	02.25	67.8	70.6	67.5	198.	05.25	70.3	79.0	67.7
127.	23.30	67.8	77.1	67.1	163.	02.30	67.6	69.5	67.4	199.	05.30	77.3	82.1	71.3
128.	23.35	67.8	76.4	67.0	164.	02.35	67.6	72.0	67.3	200.	05.35	71.3	76.5	68.5
129.	23.40	67.3	72.6	66.9	165.	02.40	67.5	74.5	67.0	201.	05.40	69.1	77.3	67.4
130.	23.45	67.6	69.6	67.0	166.	02.45	67.7	76.8	66.9	202.	05.45	67.7	71.9	67.3
131.	23.50	67.2	73.8	66.7	167.	02.50	68.2	79.6	67.2	203.	05.50	67.6	73.6	67.3
132.	23.55	67.0	75.3	66.6	168.	02.55	67.4	76.0	67.0	204.	05.55	67.5	77.7	66.7
133.	00.00	66.3	68.4	66.0	169.	03.00	68.5	71.6	67.6	205.	06.00	66.7	71.1	66.5
134.	00.05	66.4	68.1	66.2	170.	03.05	68.3	70.0	67.9	206.	06.05	66.8	74.6	66.5
135.	00.10	67.0	74.4	66.3	171.	03.10	68.0	74.1	67.6	207.	06.10	67.3	80.3	66.6
136.	00.15	67.2	78.2	66.7	172.	03.15	67.9	75.5	67.4	208.	06.15	67.6	76.2	66.7
137.	00.20	70.8	76.2	67.4	173.	03.20	67.7	79.2	67.3	209.	06.20	68.9	77.2	68.2
138.	00.25	67.8	78.5	66.6	174.	03.25	67.9	77.2	67.3	210.	06.25	68.0	78.7	67.4
139.	00.30	67.9	76.2	66.9	175.	03.30	68.3	74.9	67.6	211.	06.30	67.9	80.7	67.1
140.	00.35	67.6	79.1	66.8	176.	03.35	68.1	71.9	67.8	212.	06.35	67.7	73.0	67.1
141.	00.40	67.6	75.7	66.7	177.	03.40	67.8	69.3	67.6	213.	06.40	68.4	77.5	67.6
142.	00.45	67.2	73.6	66.8	178.	03.45	67.9	76.2	67.4	214.	06.45	68.2	73.0	67.9
143.	00.50	66.7	67.7	66.4	179.	03.50	67.4	72.9	67.2	215.	06.50	68.4	72.0	68.0
144.	00.55	66.6	68.4	66.5	180.	03.55	67.9	75.5	67.2	216.	06.55	68.8	78.0	67.9



Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(3/3-3)

ริมรั้วข้างห้องตึกข้าง 5 ตัน														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		12-13/02/23					12-13/02/23					12-13/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
217.	07.00	67.7	69.2	67.5	241.	09.00	68.3	77.6	67.4	265.	11.00	66.3	70.3	65.5
218.	07.05	67.6	73.5	67.3	242.	09.05	68.1	76.5	67.3	266.	11.05	65.8	72.6	65.4
219.	07.10	67.1	77.3	66.4	243.	09.10	67.6	76.6	67.0	267.	11.10	66.1	77.0	65.4
220.	07.15	67.2	70.8	66.8	244.	09.15	67.6	76.6	66.8	268.	11.15	66.0	71.1	65.4
221.	07.20	67.9	77.1	67.3	245.	09.20	68.8	77.0	66.6	269.	11.20	65.7	72.2	65.4
222.	07.25	67.5	75.1	67.0	246.	09.25	72.7	80.5	68.9	270.	11.25	66.5	71.8	66.0
223.	07.30	67.3	73.2	67.0	247.	09.30	69.1	77.5	67.8	271.	11.30	66.3	70.1	66.0
224.	07.35	67.5	81.5	66.9	248.	09.35	67.7	75.4	66.5	272.	11.35	66.9	69.6	66.2
225.	07.40	67.4	72.5	67.0	249.	09.40	68.1	87.6	66.5	273.	11.40	66.9	75.7	66.3
226.	07.45	68.0	74.1	67.3	250.	09.45	67.2	73.0	66.7	274.	11.45	67.4	76.6	66.3
227.	07.50	71.8	77.6	68.1	251.	09.50	66.8	68.3	66.5	275.	11.50	67.1	78.9	66.2
228.	07.55	68.2	77.5	67.0	252.	09.55	67.0	71.7	66.7	276.	11.55	66.3	70.1	65.9
229.	08.00	66.1	69.3	65.7	253.	10.00	67.5	77.6	66.9	277.	12.00	66.3	70.4	65.9
230.	08.05	65.7	69.3	65.4	254.	10.05	67.6	75.0	66.6	278.	12.05	67.8	77.5	66.2
231.	08.10	66.4	69.1	65.9	255.	10.10	66.4	71.0	66.1	279.	12.10	66.3	70.3	65.9
232.	08.15	67.8	78.9	66.2	256.	10.15	66.2	72.9	65.9	280.	12.15	67.2	76.3	65.8
233.	08.20	67.3	70.1	66.5	257.	10.20	65.9	68.6	65.6	281.	12.20	65.9	67.3	65.6
234.	08.25	68.5	72.1	67.8	258.	10.25	66.3	80.1	65.7	282.	12.25	66.1	69.7	65.7
235.	08.30	67.3	73.9	66.5	259.	10.30	67.2	71.6	66.0	283.	12.30	66.0	71.1	65.7
236.	08.35	67.1	74.2	66.4	260.	10.35	66.2	80.3	65.6	284.	12.35	67.6	71.9	65.8
237.	08.40	66.8	74.0	66.2	261.	10.40	66.0	74.7	65.3	285.	12.40	67.9	80.9	66.4
238.	08.45	66.8	80.5	66.1	262.	10.45	66.1	70.8	65.6	286.	12.45	66.9	74.0	66.4
239.	08.50	67.2	74.9	66.5	263.	10.50	66.5	72.3	66.1	287.	12.50	67.0	69.3	66.6
240.	08.55	67.9	75.6	67.2	264.	10.55	66.9	70.0	66.2	288.	12.55	67.6	78.2	66.7

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager

**TET**

Thai Environmental Technic Limited

บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP
 Project : โครงการผลิตขวดทองแดงส่วนขยายครั้งที่ 1
 Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม
 อำเภอบางปะกง จังหวัดฉะเชิงเทรา
 Contact : Tel. (038)-573 231-5
 Job No. : S660063/Feb/1

Report No. : 0425/2023/4-7
 Report Date : February 24, 2023
 Sampling Date : February 10-17, 2023
 Type of Sample : Sound Level

(4/1-3)

ริมรั้วข้างห้องตึก 5 ตัน														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		13-14/02/23					13-14/02/23					13-14/02/23		
		Leq	Lmax	L90			Leq	Lmax	L90			Leq	Lmax	L90
1.	13.00	67.3	75.3	66.6	37.	16.00	66.3	72.8	65.8	73.	19.00	67.2	76.2	66.2
2.	13.05	67.6	69.6	67.3	38.	16.05	67.5	79.5	66.6	74.	19.05	66.1	73.6	65.4
3.	13.10	67.6	76.7	67.1	39.	16.10	67.2	75.0	66.7	75.	19.10	65.8	70.7	65.5
4.	13.15	67.8	75.2	67.2	40.	16.15	67.5	83.2	66.9	76.	19.15	65.6	69.5	65.4
5.	13.20	67.4	72.7	67.0	41.	16.20	67.2	75.0	66.4	77.	19.20	66.1	81.1	65.5
6.	13.25	67.5	75.0	67.2	42.	16.25	68.5	80.3	67.0	78.	19.25	67.2	72.9	66.0
7.	13.30	67.7	82.7	67.3	43.	16.30	68.2	87.8	66.9	79.	19.30	69.2	78.9	67.5
8.	13.35	69.4	89.6	67.6	44.	16.35	67.7	75.1	66.7	80.	19.35	72.0	78.7	68.7
9.	13.40	70.3	90.2	67.8	45.	16.40	67.5	77.1	66.7	81.	19.40	70.4	76.3	66.5
10.	13.45	68.9	87.3	67.4	46.	16.45	67.4	71.9	66.8	82.	19.45	66.6	74.7	66.2
11.	13.50	69.1	90.9	67.5	47.	16.50	67.0	71.1	66.7	83.	19.50	66.5	72.2	66.0
12.	13.55	68.6	87.6	67.4	48.	16.55	67.5	72.3	66.9	84.	19.55	66.5	70.0	66.2
13.	14.00	68.2	77.9	67.2	49.	17.00	68.5	74.8	67.1	85.	20.00	66.8	71.3	66.4
14.	14.05	68.8	81.7	67.4	50.	17.05	66.6	77.4	66.0	86.	20.05	66.1	69.7	65.9
15.	14.10	68.6	84.4	67.3	51.	17.10	66.4	76.5	66.0	87.	20.10	66.3	72.6	66.0
16.	14.15	68.9	83.4	67.6	52.	17.15	66.3	70.7	66.0	88.	20.15	66.0	70.1	65.7
17.	14.20	68.6	82.6	67.7	53.	17.20	66.2	71.1	65.7	89.	20.20	66.1	69.9	65.8
18.	14.25	68.7	85.5	67.3	54.	17.25	65.5	66.4	65.3	90.	20.25	66.0	68.8	65.8
19.	14.30	68.7	84.1	67.6	55.	17.30	67.1	76.6	65.6	91.	20.30	66.1	67.6	65.9
20.	14.35	67.5	84.2	65.9	56.	17.35	69.4	79.1	66.5	92.	20.35	66.6	77.1	65.9
21.	14.40	66.8	72.4	66.1	57.	17.40	70.1	78.9	68.1	93.	20.40	66.6	75.2	66.0
22.	14.45	67.1	75.4	66.3	58.	17.45	68.0	77.8	66.8	94.	20.45	66.5	82.8	65.6
23.	14.50	69.0	75.2	67.2	59.	17.50	67.3	81.1	66.6	95.	20.50	66.4	72.4	65.7
24.	14.55	67.4	80.3	66.0	60.	17.55	67.2	80.4	66.5	96.	20.55	66.2	73.7	63.5
25.	15.00	66.7	72.6	66.1	61.	18.00	67.3	80.4	66.6	97.	21.00	63.5	68.7	62.6
26.	15.05	66.9	74.8	66.3	62.	18.05	67.5	71.7	66.8	98.	21.05	64.9	85.5	62.6
27.	15.10	66.9	82.3	66.0	63.	18.10	67.2	73.2	66.7	99.	21.10	66.7	77.7	63.9
28.	15.15	67.3	84.1	65.9	64.	18.15	66.9	79.0	66.3	100.	21.15	66.1	78.4	62.9
29.	15.20	67.2	85.5	65.9	65.	18.20	66.2	67.6	66.0	101.	21.20	64.1	76.3	62.2
30.	15.25	66.6	72.4	65.9	66.	18.25	66.9	76.9	66.4	102.	21.25	64.3	75.3	62.3
31.	15.30	67.2	83.6	66.0	67.	18.30	66.6	73.1	66.3	103.	21.30	64.7	78.4	62.2
32.	15.35	66.9	80.7	65.7	68.	18.35	66.6	73.3	66.2	104.	21.35	66.1	77.5	63.7
33.	15.40	67.0	73.4	66.2	69.	18.40	67.5	80.4	66.5	105.	21.40	65.5	78.0	62.8
34.	15.45	67.4	76.6	66.7	70.	18.45	66.8	68.4	66.5	106.	21.45	66.3	85.7	64.7
35.	15.50	67.2	77.3	66.1	71.	18.50	66.6	69.4	66.0	107.	21.50	66.4	69.7	66.1
36.	15.55	67.0	80.4	66.0	72.	18.55	67.1	75.6	65.9	108.	21.55	66.5	71.1	66.1



Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(4/2-3)

ริมรั้วข้างห้องตึกข้าง 5 ต้น														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		13-14/02/23					13-14/02/23					13-14/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
109.	22.00	66.5	69.2	66.3	145.	01.00	67.4	75.4	66.7	181.	04.00	66.8	78.2	66.3
110.	22.05	67.3	74.7	66.8	146.	01.05	67.4	70.8	67.0	182.	04.05	66.4	69.7	66.2
111.	22.10	67.5	76.6	66.9	147.	01.10	67.2	68.7	66.9	183.	04.10	66.8	70.6	66.4
112.	22.15	67.4	76.5	66.6	148.	01.15	67.3	80.0	67.0	184.	04.15	66.8	71.1	66.4
113.	22.20	66.7	72.6	66.5	149.	01.20	67.0	73.7	66.6	185.	04.20	66.7	71.3	66.2
114.	22.25	66.9	74.7	66.4	150.	01.25	67.2	71.2	67.0	186.	04.25	67.0	74.2	66.0
115.	22.30	66.9	78.4	66.5	151.	01.30	68.6	72.7	67.4	187.	04.30	66.2	73.1	65.6
116.	22.35	68.4	76.7	66.5	152.	01.35	69.1	74.7	68.0	188.	04.35	66.5	72.3	66.2
117.	22.40	68.7	74.8	66.2	153.	01.40	68.3	74.5	67.9	189.	04.40	66.7	69.4	66.4
118.	22.45	66.7	76.3	65.7	154.	01.45	68.1	72.6	67.8	190.	04.45	66.7	72.0	66.4
119.	22.50	66.4	76.8	65.6	155.	01.50	68.0	76.4	67.4	191.	04.50	67.1	76.2	66.3
120.	22.55	67.0	85.7	65.8	156.	01.55	67.9	73.5	67.5	192.	04.55	67.2	75.7	66.4
121.	23.00	66.5	73.7	66.0	157.	02.00	67.5	68.7	67.3	193.	05.00	66.8	75.3	66.4
122.	23.05	67.1	72.9	66.4	158.	02.05	67.6	78.6	67.0	194.	05.05	66.5	72.2	66.2
123.	23.10	66.9	71.5	66.5	159.	02.10	66.7	69.8	66.4	195.	05.10	67.0	74.8	66.6
124.	23.15	66.6	67.9	66.4	160.	02.15	67.0	81.6	66.3	196.	05.15	66.8	71.1	66.5
125.	23.20	66.4	75.5	66.0	161.	02.20	67.2	74.8	66.5	197.	05.20	66.7	74.2	66.3
126.	23.25	66.3	72.2	66.0	162.	02.25	68.5	73.4	67.3	198.	05.25	67.4	76.9	66.4
127.	23.30	66.7	71.1	66.3	163.	02.30	69.1	73.3	67.6	199.	05.30	67.3	71.2	66.6
128.	23.35	66.7	68.4	66.4	164.	02.35	67.1	75.3	66.6	200.	05.35	66.9	71.4	66.5
129.	23.40	66.7	73.4	66.4	165.	02.40	67.1	75.9	66.4	201.	05.40	68.0	72.0	66.8
130.	23.45	67.0	74.7	66.4	166.	02.45	67.3	76.3	66.6	202.	05.45	67.3	74.7	66.5
131.	23.50	66.6	68.2	66.4	167.	02.50	66.1	67.0	65.9	203.	05.50	66.6	71.3	66.3
132.	23.55	66.4	68.6	66.2	168.	02.55	66.2	68.0	65.8	204.	05.55	66.8	78.8	66.1
133.	00.00	66.8	73.7	66.4	169.	03.00	66.1	72.0	65.8	205.	06.00	66.7	74.9	66.3
134.	00.05	67.1	71.5	66.5	170.	03.05	66.8	72.3	66.0	206.	06.05	67.6	78.8	66.6
135.	00.10	66.6	68.0	66.4	171.	03.10	67.4	77.3	66.8	207.	06.10	66.9	85.2	65.5
136.	00.15	66.6	69.7	66.4	172.	03.15	67.3	70.5	67.1	208.	06.15	66.3	81.2	65.3
137.	00.20	66.9	76.3	66.4	173.	03.20	67.8	72.4	67.3	209.	06.20	65.5	68.0	65.3
138.	00.25	67.2	78.4	66.8	174.	03.25	67.6	74.9	67.1	210.	06.25	65.5	67.1	65.3
139.	00.30	67.7	82.0	66.9	175.	03.30	67.3	74.2	66.8	211.	06.30	65.6	75.5	65.3
140.	00.35	67.5	77.9	67.0	176.	03.35	67.4	73.8	66.7	212.	06.35	65.6	71.0	65.3
141.	00.40	67.5	71.6	67.0	177.	03.40	67.0	78.0	66.3	213.	06.40	65.6	72.8	65.3
142.	00.45	67.4	73.9	66.9	178.	03.45	66.3	67.6	66.1	214.	06.45	65.5	67.7	65.3
143.	00.50	67.4	73.5	66.9	179.	03.50	66.9	79.7	66.1	215.	06.50	66.4	74.6	65.6
144.	00.55	67.2	77.3	66.7	180.	03.55	67.1	76.7	66.3	216.	06.55	65.9	69.6	65.5

**TET**

Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(4/3-3)

ริมรั้วข้างห้องตึกข้าง 5 ตัน														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		13-14/02/23					13-14/02/23					13-14/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
217.	07.00	66.1	70.9	65.7	241.	09.00	66.9	80.4	64.2	265.	11.00	68.6	79.2	67.4
218.	07.05	66.5	77.6	65.7	242.	09.05	68.7	83.5	65.8	266.	11.05	67.2	78.7	66.2
219.	07.10	65.7	68.5	65.4	243.	09.10	68.5	80.4	65.2	267.	11.10	66.6	74.7	66.0
220.	07.15	66.9	77.8	63.3	244.	09.15	66.9	83.9	63.5	268.	11.15	68.2	81.0	66.0
221.	07.20	61.7	71.2	59.8	245.	09.20	65.9	76.4	63.2	269.	11.20	68.0	80.1	66.1
222.	07.25	61.5	80.7	59.1	246.	09.25	68.0	77.9	66.0	270.	11.25	66.2	74.5	65.5
223.	07.30	59.8	69.7	59.0	247.	09.30	67.5	75.3	66.7	271.	11.30	65.4	68.8	65.1
224.	07.35	63.2	77.2	59.8	248.	09.35	68.8	85.2	67.0	272.	11.35	65.4	67.6	65.1
225.	07.40	60.9	73.9	59.7	249.	09.40	67.8	75.3	66.7	273.	11.40	65.6	73.4	65.1
226.	07.45	60.1	69.4	59.1	250.	09.45	69.0	80.9	66.7	274.	11.45	66.2	79.2	65.5
227.	07.50	62.2	69.3	61.3	251.	09.50	69.1	76.6	67.3	275.	11.50	66.9	75.9	65.3
228.	07.55	61.8	68.4	60.1	252.	09.55	69.1	77.8	67.5	276.	11.55	67.1	75.9	65.6
229.	08.00	60.7	66.6	59.6	253.	10.00	70.1	77.1	68.4	277.	12.00	65.6	75.1	65.3
230.	08.05	60.8	66.7	59.7	254.	10.05	70.0	83.4	67.8	278.	12.05	65.7	77.9	65.1
231.	08.10	59.8	69.3	59.5	255.	10.10	69.5	77.4	67.7	279.	12.10	65.4	68.7	65.1
232.	08.15	65.6	78.3	59.5	256.	10.15	71.1	77.5	68.3	280.	12.15	66.4	77.9	65.3
233.	08.20	61.0	76.9	59.7	257.	10.20	72.5	80.1	68.3	281.	12.20	65.7	67.0	65.5
234.	08.25	63.3	81.4	59.9	258.	10.25	68.9	75.8	68.2	282.	12.25	65.6	69.1	65.4
235.	08.30	62.5	75.5	59.9	259.	10.30	68.5	75.7	66.5	283.	12.30	66.1	79.4	65.3
236.	08.35	61.0	70.8	59.4	260.	10.35	67.5	74.5	66.1	284.	12.35	66.7	79.1	65.6
237.	08.40	63.4	74.6	61.3	261.	10.40	67.0	78.2	66.3	285.	12.40	66.8	77.1	65.9
238.	08.45	67.6	77.0	65.2	262.	10.45	70.6	97.9	66.5	286.	12.45	66.2	74.7	65.8
239.	08.50	68.7	79.7	66.1	263.	10.50	67.4	77.1	66.4	287.	12.50	66.7	69.3	66.2
240.	08.55	66.9	85.6	64.7	264.	10.55	67.9	76.8	67.0	288.	12.55	66.2	72.4	65.6

Wannasiri S.

Wannasiri Suriyawong

*Somchai P.*Somchai Piyavorasakul
General Manager



Thai Environmental Technic Limited

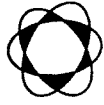
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP
 Project : โครงการผลิตขวดทองแดงส่วนขยายครั้งที่ 1
 Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม
 อำเภอบางปะกง จังหวัดฉะเชิงเทรา
 Contact : Tel. (038)-573 231-5
 Job No. : S660063/Feb/1

Report No. : 0425/2023/5-7
 Report Date : February 24, 2023
 Sampling Date : February 10-17, 2023
 Type of Sample : Sound Level

(5/1-3)

ริมรั้วข้างห้องตึก 5 ตัน														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		14-15/02/23					14-15/02/23					14-15/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
1.	13.00	65.9	74.7	65.5	37.	16.00	66.4	72.5	65.9	73.	19.00	67.3	73.3	66.2
2.	13.05	66.2	81.0	65.5	38.	16.05	66.3	70.5	65.9	74.	19.05	67.1	76.2	66.0
3.	13.10	66.3	73.9	65.7	39.	16.10	67.0	74.7	66.2	75.	19.10	67.4	77.7	66.1
4.	13.15	66.4	70.7	65.8	40.	16.15	68.0	78.2	66.6	76.	19.15	66.4	76.5	65.9
5.	13.20	66.2	70.7	65.7	41.	16.20	67.2	83.3	66.4	77.	19.20	66.5	71.4	66.3
6.	13.25	66.5	76.1	65.8	42.	16.25	67.4	79.1	66.4	78.	19.25	66.7	69.8	66.3
7.	13.30	66.3	74.0	65.8	43.	16.30	67.3	79.3	66.4	79.	19.30	67.0	74.1	66.5
8.	13.35	66.8	78.2	65.6	44.	16.35	68.7	79.3	67.6	80.	19.35	66.9	75.2	66.5
9.	13.40	68.2	85.4	65.7	45.	16.40	68.6	76.6	67.8	81.	19.40	67.1	75.2	66.2
10.	13.45	67.0	75.9	65.8	46.	16.45	67.3	76.2	66.8	82.	19.45	66.3	67.4	66.1
11.	13.50	66.4	72.9	65.8	47.	16.50	67.4	75.0	66.4	83.	19.50	66.5	68.6	66.2
12.	13.55	66.3	79.0	65.8	48.	16.55	66.8	72.3	66.4	84.	19.55	67.4	76.1	66.6
13.	14.00	66.2	77.5	65.6	49.	17.00	66.8	75.4	66.4	85.	20.00	67.1	75.1	66.5
14.	14.05	66.9	83.9	65.8	50.	17.05	67.7	79.7	66.3	86.	20.05	66.6	70.8	66.3
15.	14.10	68.0	83.0	66.4	51.	17.10	66.9	74.0	66.3	87.	20.10	66.7	73.5	66.2
16.	14.15	68.5	82.8	66.6	52.	17.15	66.4	72.7	66.2	88.	20.15	66.7	72.4	66.2
17.	14.20	68.3	81.9	66.2	53.	17.20	67.3	78.5	66.2	89.	20.20	66.3	70.4	66.0
18.	14.25	67.7	80.6	65.9	54.	17.25	66.3	70.1	66.0	90.	20.25	66.5	74.6	66.1
19.	14.30	67.0	83.7	65.9	55.	17.30	69.6	81.6	67.8	91.	20.30	68.4	73.9	66.7
20.	14.35	67.8	84.7	65.9	56.	17.35	68.7	84.3	67.4	92.	20.35	67.7	73.3	65.8
21.	14.40	67.0	84.8	65.7	57.	17.40	69.8	85.3	67.7	93.	20.40	65.8	68.0	65.6
22.	14.45	68.5	85.5	65.6	58.	17.45	71.9	96.9	68.0	94.	20.45	66.2	73.4	65.6
23.	14.50	67.6	85.8	65.6	59.	17.50	71.3	86.8	68.7	95.	20.50	66.4	76.3	65.7
24.	14.55	67.1	86.2	65.4	60.	17.55	70.6	85.6	68.1	96.	20.55	66.4	75.2	65.7
25.	15.00	67.8	84.7	65.8	61.	18.00	70.3	83.9	67.3	97.	21.00	66.6	70.0	66.2
26.	15.05	67.5	85.4	66.1	62.	18.05	70.2	86.2	67.6	98.	21.05	66.1	69.0	65.9
27.	15.10	67.7	83.8	66.0	63.	18.10	69.6	83.4	67.7	99.	21.10	66.3	71.0	65.8
28.	15.15	67.2	81.0	66.3	64.	18.15	70.1	84.4	67.9	100.	21.15	65.9	67.6	65.7
29.	15.20	66.8	74.1	65.8	65.	18.20	69.9	88.7	67.8	101.	21.20	65.9	72.1	65.7
30.	15.25	67.2	78.3	65.8	66.	18.25	70.0	83.6	67.4	102.	21.25	66.3	78.0	65.7
31.	15.30	66.1	73.8	65.7	67.	18.30	70.7	84.1	67.3	103.	21.30	67.1	77.3	66.0
32.	15.35	67.2	80.9	65.6	68.	18.35	74.7	93.5	68.8	104.	21.35	66.8	73.1	66.2
33.	15.40	66.9	83.2	65.8	69.	18.40	73.4	91.5	70.2	105.	21.40	67.2	70.2	66.7
34.	15.45	65.9	72.8	65.6	70.	18.45	69.4	75.6	66.3	106.	21.45	66.7	71.0	66.4
35.	15.50	66.0	68.9	65.7	71.	18.50	66.7	75.3	66.2	107.	21.50	66.4	68.3	66.2
36.	15.55	67.1	78.6	65.9	72.	18.55	66.5	74.7	66.0	108.	21.55	66.4	69.1	66.1



Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(5/2-3)

ริมรั้วข้างห้องตางค์ 5 ตัน														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		14-15/02/23					14-15/02/23					14-15/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
109.	22.00	66.1	68.4	65.8	145.	01.00	66.5	69.0	66.2	181.	04.00	66.7	72.8	66.1
110.	22.05	66.5	72.4	66.3	146.	01.05	66.5	67.5	66.3	182.	04.05	67.0	73.8	66.1
111.	22.10	67.3	76.6	66.4	147.	01.10	66.7	69.7	66.5	183.	04.10	66.3	75.4	66.0
112.	22.15	67.7	81.5	66.4	148.	01.15	66.9	72.1	66.6	184.	04.15	66.7	76.8	66.1
113.	22.20	66.7	70.5	66.4	149.	01.20	67.3	72.4	67.0	185.	04.20	68.3	73.9	66.9
114.	22.25	66.0	67.4	65.3	150.	01.25	67.5	70.9	66.5	186.	04.25	66.8	71.6	66.4
115.	22.30	66.0	75.6	65.4	151.	01.30	68.0	79.1	67.2	187.	04.30	66.6	78.4	66.2
116.	22.35	66.3	74.8	65.3	152.	01.35	67.8	78.6	67.1	188.	04.35	65.8	67.6	65.5
117.	22.40	65.7	72.0	65.1	153.	01.40	68.0	74.1	67.4	189.	04.40	65.9	70.5	65.4
118.	22.45	66.2	74.6	65.5	154.	01.45	70.3	74.6	68.1	190.	04.45	65.9	71.3	65.5
119.	22.50	66.6	76.7	65.5	155.	01.50	71.0	76.5	69.6	191.	04.50	67.2	73.8	66.2
120.	22.55	66.5	69.6	66.0	156.	01.55	67.4	72.7	66.7	192.	04.55	66.8	71.2	66.2
121.	23.00	66.1	68.5	65.9	157.	02.00	67.7	77.0	66.6	193.	05.00	66.2	71.7	65.9
122.	23.05	66.3	76.0	65.9	158.	02.05	67.2	78.6	66.5	194.	05.05	66.5	75.7	66.0
123.	23.10	67.4	84.7	66.1	159.	02.10	67.6	79.0	67.1	195.	05.10	67.2	74.1	66.7
124.	23.15	66.3	68.4	66.1	160.	02.15	67.8	72.2	67.4	196.	05.15	68.1	72.9	67.3
125.	23.20	66.8	69.2	66.2	161.	02.20	67.5	69.8	67.3	197.	05.20	67.5	81.3	66.7
126.	23.25	66.7	73.6	66.4	162.	02.25	68.0	76.1	67.3	198.	05.25	66.5	73.2	66.2
127.	23.30	67.1	72.5	66.4	163.	02.30	67.4	70.0	67.2	199.	05.30	66.7	74.5	66.3
128.	23.35	66.8	74.2	66.3	164.	02.35	67.4	73.6	67.1	200.	05.35	66.8	73.6	66.4
129.	23.40	66.9	74.1	66.4	165.	02.40	67.3	73.1	66.7	201.	05.40	67.4	81.2	66.4
130.	23.45	66.4	67.5	66.2	166.	02.45	67.6	75.9	66.9	202.	05.45	67.8	75.7	66.7
131.	23.50	66.6	74.5	66.4	167.	02.50	67.8	77.6	67.2	203.	05.50	67.7	76.4	66.8
132.	23.55	66.4	69.4	66.2	168.	02.55	67.4	77.3	67.0	204.	05.55	67.4	74.8	66.6
133.	00.00	66.4	69.0	66.1	169.	03.00	67.7	72.2	67.3	205.	06.00	66.8	73.8	66.5
134.	00.05	66.6	76.1	66.3	170.	03.05	67.9	77.1	67.3	206.	06.05	66.8	72.4	66.4
135.	00.10	67.3	75.4	66.6	171.	03.10	66.9	75.6	66.4	207.	06.10	67.2	76.7	66.5
136.	00.15	67.0	71.6	66.5	172.	03.15	66.7	73.8	65.7	208.	06.15	68.2	74.6	67.4
137.	00.20	66.7	69.2	66.4	173.	03.20	66.5	76.2	65.4	209.	06.20	67.6	76.2	67.0
138.	00.25	67.0	74.8	66.6	174.	03.25	66.6	81.2	65.6	210.	06.25	66.9	74.8	66.6
139.	00.30	67.3	76.7	66.5	175.	03.30	66.3	78.0	65.8	211.	06.30	66.7	72.7	66.4
140.	00.35	66.7	73.0	66.3	176.	03.35	66.2	73.1	65.8	212.	06.35	67.2	77.7	66.6
141.	00.40	67.2	71.9	66.5	177.	03.40	66.4	72.0	65.9	213.	06.40	67.3	69.8	67.0
142.	00.45	68.6	78.4	67.5	178.	03.45	66.4	71.8	66.0	214.	06.45	68.1	79.3	67.5
143.	00.50	67.1	74.0	66.2	179.	03.50	66.4	68.2	66.1	215.	06.50	69.0	73.5	68.1
144.	00.55	66.3	69.9	66.0	180.	03.55	66.6	79.8	66.1	216.	06.55	68.1	75.4	67.2



Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(5/3-3)

ริมรั้วข้างห้องค้ำ 5 ตัน														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		14-15/02/23					14-15/02/23					14-15/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
217.	07.00	67.4	76.7	66.6	241.	09.00	67.3	75.2	66.8	265.	11.00	68.1	79.7	67.0
218.	07.05	66.8	72.7	66.1	242.	09.05	68.1	81.1	67.0	266.	11.05	67.6	74.2	66.9
219.	07.10	66.1	76.2	65.3	243.	09.10	67.4	71.1	67.0	267.	11.10	67.5	75.1	66.8
220.	07.15	65.8	67.3	65.5	244.	09.15	67.7	76.8	66.9	268.	11.15	67.2	75.8	66.6
221.	07.20	66.5	76.2	66.0	245.	09.20	67.4	73.5	66.9	269.	11.20	67.1	71.6	66.6
222.	07.25	67.3	77.8	66.3	246.	09.25	67.6	78.7	66.3	270.	11.25	67.0	78.9	66.0
223.	07.30	70.0	78.6	66.5	247.	09.30	67.5	77.2	66.4	271.	11.30	69.5	87.6	66.6
224.	07.35	66.7	75.2	66.0	248.	09.35	68.4	82.6	66.6	272.	11.35	67.9	87.3	65.9
225.	07.40	66.8	74.0	66.0	249.	09.40	68.9	90.4	66.5	273.	11.40	66.3	74.2	66.0
226.	07.45	67.1	74.9	66.4	250.	09.45	68.0	84.0	66.6	274.	11.45	66.5	76.6	66.0
227.	07.50	67.6	77.5	66.5	251.	09.50	67.7	83.7	66.3	275.	11.50	66.6	76.7	66.0
228.	07.55	67.0	71.5	66.2	252.	09.55	67.7	75.1	66.2	276.	11.55	66.2	70.1	65.8
229.	08.00	66.9	74.7	66.5	253.	10.00	67.0	74.7	66.2	277.	12.00	66.5	81.3	65.6
230.	08.05	66.9	77.1	66.3	254.	10.05	67.3	75.4	66.2	278.	12.05	66.7	84.9	65.9
231.	08.10	66.6	75.2	66.2	255.	10.10	68.0	79.8	66.6	279.	12.10	66.5	71.0	66.0
232.	08.15	67.6	77.3	66.4	256.	10.15	68.8	77.8	67.6	280.	12.15	66.8	76.2	66.3
233.	08.20	66.8	70.9	66.4	257.	10.20	68.8	73.4	68.2	281.	12.20	66.9	71.7	66.6
234.	08.25	67.3	74.5	66.7	258.	10.25	68.9	74.3	68.2	282.	12.25	66.7	67.9	66.5
235.	08.30	68.2	75.8	66.7	259.	10.30	68.5	75.6	67.8	283.	12.30	66.9	71.3	66.6
236.	08.35	66.8	69.4	66.4	260.	10.35	67.4	73.6	66.9	284.	12.35	66.7	68.9	66.4
237.	08.40	66.6	71.6	66.1	261.	10.40	67.1	70.6	66.8	285.	12.40	66.6	71.8	66.3
238.	08.45	67.1	76.7	66.1	262.	10.45	67.1	71.1	66.8	286.	12.45	66.6	71.5	66.2
239.	08.50	67.0	73.0	66.3	263.	10.50	67.6	78.4	66.8	287.	12.50	67.8	72.8	66.4
240.	08.55	67.0	74.8	66.5	264.	10.55	67.3	71.1	67.0	288.	12.55	69.7	76.9	66.6

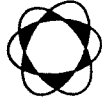
Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager



Thai Environmental Technic Limited

บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ไทยเมทัลโปรดิวส์ จำกัด/TMP
 Project : โครงการผลิตลวดทองแดงส่วนขยายครั้งที่ 1
 Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม
 อำเภอบางปะกง จังหวัดฉะเชิงเทรา
 Contact : Tel. (038)-573 231-5
 Job No. : S660063/Feb/1

Report No. : 0425/2023/6-7
 Report Date : February 24, 2023
 Sampling Date : February 10-17, 2023
 Type of Sample : Sound Level

(6/1-3)

รื้อข้างห้องตึก 5 ตัน														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		15-16/02/23					15-16/02/23					15-16/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
1.	13.00	68.2	74.9	66.2	37.	16.00	66.7	76.3	65.9	73.	19.00	67.4	69.6	67.1
2.	13.05	67.2	80.3	66.2	38.	16.05	67.0	75.2	66.1	74.	19.05	67.3	71.2	67.0
3.	13.10	67.3	83.5	66.4	39.	16.10	67.2	73.8	66.4	75.	19.10	66.2	68.0	65.8
4.	13.15	68.7	84.5	66.7	40.	16.15	68.7	93.3	66.2	76.	19.15	67.3	70.0	66.6
5.	13.20	68.1	86.9	66.1	41.	16.20	68.1	84.4	66.5	77.	19.20	67.8	71.6	67.4
6.	13.25	68.4	86.8	66.0	42.	16.25	67.3	82.9	66.0	78.	19.25	67.4	71.1	67.1
7.	13.30	66.8	76.1	65.5	43.	16.30	68.1	87.6	66.2	79.	19.30	67.3	78.6	66.8
8.	13.35	67.2	82.3	66.0	44.	16.35	67.4	83.2	66.2	80.	19.35	67.4	78.3	66.8
9.	13.40	68.4	90.8	65.9	45.	16.40	66.5	73.5	65.7	81.	19.40	66.9	82.6	64.8
10.	13.45	68.7	88.6	66.3	46.	16.45	66.0	67.9	65.6	82.	19.45	65.4	80.0	64.5
11.	13.50	67.5	84.6	66.3	47.	16.50	66.2	78.0	65.7	83.	19.50	66.8	79.4	64.5
12.	13.55	67.9	81.3	66.2	48.	16.55	65.9	74.4	65.6	84.	19.55	68.1	85.7	65.6
13.	14.00	69.2	85.0	67.4	49.	17.00	65.9	70.3	65.6	85.	20.00	67.3	78.5	64.5
14.	14.05	69.1	85.5	67.5	50.	17.05	66.4	74.5	65.7	86.	20.05	64.8	80.3	63.5
15.	14.10	68.7	85.9	67.1	51.	17.10	65.8	68.8	65.5	87.	20.10	67.5	76.6	66.3
16.	14.15	66.7	76.7	66.3	52.	17.15	65.8	75.4	65.4	88.	20.15	68.0	82.0	66.9
17.	14.20	68.0	86.2	66.5	53.	17.20	66.7	75.6	65.7	89.	20.20	70.0	73.6	68.5
18.	14.25	68.0	79.8	66.6	54.	17.25	67.1	75.1	65.9	90.	20.25	68.2	76.2	67.4
19.	14.30	67.6	76.6	66.8	55.	17.30	67.0	72.3	66.3	91.	20.30	67.4	75.2	66.7
20.	14.35	67.2	74.0	66.9	56.	17.35	68.0	82.2	66.9	92.	20.35	67.3	78.5	66.6
21.	14.40	67.1	70.5	66.9	57.	17.40	70.3	85.5	67.3	93.	20.40	67.1	74.4	66.7
22.	14.45	66.9	68.8	66.3	58.	17.45	70.2	85.5	67.8	94.	20.45	67.3	72.4	67.0
23.	14.50	66.7	74.0	66.3	59.	17.50	70.0	85.9	67.4	95.	20.50	67.8	72.2	67.0
24.	14.55	67.2	79.2	66.6	60.	17.55	70.1	85.5	67.3	96.	20.55	68.3	79.3	67.2
25.	15.00	66.9	81.6	66.0	61.	18.00	70.3	83.9	67.9	97.	21.00	69.5	78.9	67.5
26.	15.05	67.8	79.4	66.5	62.	18.05	69.1	83.1	66.9	98.	21.05	68.9	73.6	67.5
27.	15.10	68.4	74.7	66.9	63.	18.10	69.2	84.0	67.3	99.	21.10	68.2	73.8	66.6
28.	15.15	68.2	76.0	66.9	64.	18.15	70.3	82.9	67.8	100.	21.15	67.4	73.3	66.7
29.	15.20	67.5	73.4	66.5	65.	18.20	70.3	88.3	67.5	101.	21.20	67.7	75.6	67.0
30.	15.25	67.2	75.2	66.5	66.	18.25	70.5	88.8	67.3	102.	21.25	66.9	74.7	66.5
31.	15.30	67.7	77.0	66.9	67.	18.30	69.2	84.1	66.8	103.	21.30	67.5	86.9	66.5
32.	15.35	67.3	75.6	66.1	68.	18.35	69.0	85.3	66.8	104.	21.35	67.6	88.1	66.5
33.	15.40	66.9	73.0	66.1	69.	18.40	70.2	85.2	68.1	105.	21.40	69.7	77.0	66.5
34.	15.45	66.7	74.2	65.9	70.	18.45	67.9	73.4	67.4	106.	21.45	70.2	76.8	68.0
35.	15.50	66.3	68.1	65.9	71.	18.50	69.0	76.2	67.5	107.	21.50	67.9	72.6	67.5
36.	15.55	66.7	72.2	66.0	72.	18.55	68.2	74.0	67.3	108.	21.55	67.5	72.4	67.1



Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(6/2-3)

ริมรั้วข้างห้องตึก 5 ตัน														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		15-16/02/23					15-16/02/23					15-16/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
109.	22.00	69.1	75.2	67.1	145.	01.00	67.1	70.0	66.5	181.	04.00	67.1	68.4	66.8
110.	22.05	67.9	75.0	67.1	146.	01.05	66.3	67.4	66.1	182.	04.05	66.9	72.6	66.7
111.	22.10	69.1	78.9	67.1	147.	01.10	66.1	69.0	65.9	183.	04.10	67.5	76.5	66.8
112.	22.15	67.4	74.2	66.9	148.	01.15	67.2	77.1	66.2	184.	04.15	67.7	73.2	67.1
113.	22.20	67.5	73.0	67.1	149.	01.20	67.3	80.0	65.8	185.	04.20	67.0	72.1	66.8
114.	22.25	68.6	81.1	67.8	150.	01.25	66.4	76.6	65.7	186.	04.25	67.4	74.1	66.9
115.	22.30	66.7	70.4	66.0	151.	01.30	69.5	77.8	65.4	187.	04.30	67.8	73.4	67.0
116.	22.35	66.4	74.0	65.9	152.	01.35	70.3	75.1	67.5	188.	04.35	67.7	76.6	66.8
117.	22.40	66.9	73.9	66.4	153.	01.40	68.9	72.2	66.4	189.	04.40	67.3	77.4	66.5
118.	22.45	66.8	72.8	66.3	154.	01.45	66.0	69.5	65.8	190.	04.45	67.2	77.9	66.5
119.	22.50	66.9	69.7	66.3	155.	01.50	66.2	74.4	65.9	191.	04.50	67.5	74.8	66.6
120.	22.55	67.6	69.2	67.4	156.	01.55	66.5	71.8	65.9	192.	04.55	67.1	74.6	66.6
121.	23.00	67.6	70.0	67.3	157.	02.00	68.0	79.3	66.8	193.	05.00	67.0	74.3	66.5
122.	23.05	67.7	69.3	67.4	158.	02.05	66.9	75.6	66.7	194.	05.05	67.9	72.8	66.5
123.	23.10	67.9	73.2	67.4	159.	02.10	66.9	77.5	66.5	195.	05.10	67.4	75.8	66.7
124.	23.15	70.1	80.2	67.9	160.	02.15	66.4	67.3	66.2	196.	05.15	68.2	71.4	67.2
125.	23.20	67.8	76.6	67.0	161.	02.20	67.7	78.2	66.4	197.	05.20	66.6	75.9	65.9
126.	23.25	66.5	77.1	65.9	162.	02.25	67.9	81.8	66.5	198.	05.25	66.8	74.6	66.3
127.	23.30	66.0	72.8	65.8	163.	02.30	67.6	73.4	67.3	199.	05.30	67.2	74.2	66.7
128.	23.35	66.0	75.7	65.7	164.	02.35	67.5	69.4	67.2	200.	05.35	67.8	75.1	67.0
129.	23.40	67.0	77.4	66.1	165.	02.40	67.8	80.0	67.1	201.	05.40	67.7	77.9	66.5
130.	23.45	66.6	72.7	66.1	166.	02.45	67.5	73.6	66.8	202.	05.45	67.5	76.2	66.6
131.	23.50	66.3	78.6	66.0	167.	02.50	66.8	68.1	66.6	203.	05.50	67.7	75.4	66.6
132.	23.55	66.5	69.0	66.2	168.	02.55	67.4	79.9	66.5	204.	05.55	69.3	76.5	67.4
133.	00.00	66.9	69.9	66.5	169.	03.00	67.1	72.2	66.6	205.	06.00	68.0	78.3	67.1
134.	00.05	66.4	73.7	65.8	170.	03.05	67.3	79.3	66.7	206.	06.05	67.5	74.3	67.0
135.	00.10	67.0	76.4	66.4	171.	03.10	69.0	80.3	67.1	207.	06.10	67.6	75.8	67.0
136.	00.15	67.3	75.6	66.6	172.	03.15	68.6	89.9	67.5	208.	06.15	67.2	73.9	66.9
137.	00.20	67.3	75.1	66.6	173.	03.20	68.0	70.6	67.5	209.	06.20	67.2	70.2	66.9
138.	00.25	67.3	77.5	66.7	174.	03.25	67.9	78.4	67.5	210.	06.25	67.4	73.5	66.9
139.	00.30	67.1	75.3	66.6	175.	03.30	67.5	70.7	67.0	211.	06.30	67.3	73.2	66.8
140.	00.35	66.6	72.3	66.4	176.	03.35	67.5	76.7	66.8	212.	06.35	67.5	69.7	67.1
141.	00.40	67.0	73.8	66.4	177.	03.40	67.6	78.7	66.8	213.	06.40	66.9	72.0	66.3
142.	00.45	66.5	68.5	66.3	178.	03.45	67.6	79.8	66.9	214.	06.45	66.3	75.1	65.7
143.	00.50	66.8	79.1	66.5	179.	03.50	67.1	70.5	66.8	215.	06.50	66.5	73.4	65.7
144.	00.55	67.5	75.8	66.7	180.	03.55	67.2	68.5	66.9	216.	06.55	67.1	75.7	66.1



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บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(6/3-3)

ริมรั้วข้างห้องดาซัง 5 ตัน														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		15-16/02/23					15-16/02/23					15-16/02/23		
		Leq	Lmax	L90			Leq	Lmax	L90			Leq	Lmax	L90
217.	07.00	66.7	72.8	66.4	241.	09.00	66.6	70.0	66.2	265.	11.00	67.1	70.1	66.8
218.	07.05	67.0	77.3	65.7	242.	09.05	66.8	73.0	66.4	266.	11.05	67.0	70.1	66.7
219.	07.10	67.9	76.5	67.4	243.	09.10	67.6	78.4	66.5	267.	11.10	67.2	73.6	66.7
220.	07.15	67.7	73.6	67.1	244.	09.15	67.7	80.6	66.5	268.	11.15	67.6	74.6	66.8
221.	07.20	67.5	71.9	66.9	245.	09.20	70.0	85.6	66.6	269.	11.20	67.7	77.4	66.8
222.	07.25	66.9	71.6	66.7	246.	09.25	66.9	72.3	66.5	270.	11.25	67.5	78.0	66.6
223.	07.30	67.1	72.2	66.7	247.	09.30	67.7	77.0	66.7	271.	11.30	67.9	76.7	66.7
224.	07.35	68.3	76.6	67.3	248.	09.35	68.2	82.7	66.9	272.	11.35	68.1	78.6	66.4
225.	07.40	67.1	70.5	66.8	249.	09.40	70.4	90.9	67.1	273.	11.40	68.8	77.5	67.2
226.	07.45	67.8	76.2	66.7	250.	09.45	70.3	95.1	67.0	274.	11.45	67.4	71.8	67.0
227.	07.50	69.4	80.4	68.4	251.	09.50	67.8	81.3	67.1	275.	11.50	67.1	71.8	66.6
228.	07.55	74.7	83.3	70.3	252.	09.55	68.2	75.1	67.1	276.	11.55	67.3	74.7	66.3
229.	08.00	70.0	80.9	68.5	253.	10.00	67.3	68.8	67.0	277.	12.00	66.5	70.4	66.2
230.	08.05	69.8	77.8	68.7	254.	10.05	67.6	74.6	67.0	278.	12.05	67.5	81.5	66.2
231.	08.10	69.5	82.3	68.2	255.	10.10	68.1	82.4	67.2	279.	12.10	66.6	82.3	66.2
232.	08.15	69.0	80.9	67.7	256.	10.15	67.5	81.1	66.8	280.	12.15	67.2	80.3	66.2
233.	08.20	69.6	84.8	67.2	257.	10.20	67.4	74.8	66.8	281.	12.20	66.9	76.6	66.1
234.	08.25	68.2	82.0	67.3	258.	10.25	68.3	82.1	67.0	282.	12.25	66.3	68.8	66.0
235.	08.30	68.1	81.9	67.2	259.	10.30	67.9	82.0	66.2	283.	12.30	66.3	71.8	65.9
236.	08.35	68.0	70.5	67.6	260.	10.35	67.9	82.8	66.3	284.	12.35	66.3	72.5	65.8
237.	08.40	68.7	78.9	67.7	261.	10.40	66.8	77.5	65.8	285.	12.40	66.5	80.2	65.8
238.	08.45	71.4	89.5	69.0	262.	10.45	66.3	69.6	66.0	286.	12.45	67.3	77.5	66.0
239.	08.50	71.8	81.1	69.2	263.	10.50	67.2	76.7	65.9	287.	12.50	67.1	79.0	65.8
240.	08.55	68.6	83.9	66.0	264.	10.55	67.1	75.2	66.3	288.	12.55	66.9	74.0	66.0

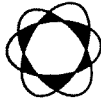
Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager



Thai Environmental Technic Limited

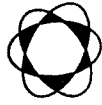
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP
 Project : โครงการผลิตขวดทองแดงส่วนขยายครั้งที่ 1
 Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม
 อำเภอบางปะกง จังหวัดฉะเชิงเทรา
 Contact : Tel. (038)-573 231-5
 Job No. : S660063/Feb/1

Report No. : 0425/2023/7-7
 Report Date : February 24, 2023
 Sampling Date : February 10-17, 2023
 Type of Sample : Sound Level

(7/1-3)

ริมรั้วข้างห้องตึก 5 ตัน														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		16-17/02/23					16-17/02/23					16-17/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
1.	13.00	66.5	75.3	66.0	37.	16.00	67.6	87.1	66.5	73.	19.00	68.2	79.4	67.7
2.	13.05	68.9	84.7	66.1	38.	16.05	67.3	82.8	66.6	74.	19.05	68.0	75.9	67.5
3.	13.10	67.0	72.4	66.4	39.	16.10	67.3	81.9	66.5	75.	19.10	67.4	71.6	67.0
4.	13.15	67.5	72.0	66.8	40.	16.15	68.3	82.6	66.2	76.	19.15	67.2	69.5	66.9
5.	13.20	67.2	76.7	66.6	41.	16.20	67.6	78.2	66.3	77.	19.20	68.3	73.0	67.6
6.	13.25	67.2	75.7	66.3	42.	16.25	67.4	76.6	66.1	78.	19.25	68.8	74.7	67.9
7.	13.30	66.1	69.1	65.9	43.	16.30	68.1	78.4	66.4	79.	19.30	69.4	74.6	67.6
8.	13.35	66.1	71.7	65.8	44.	16.35	66.8	77.0	66.2	80.	19.35	67.1	71.3	66.8
9.	13.40	66.7	83.2	65.6	45.	16.40	66.8	76.1	65.9	81.	19.40	67.0	70.8	66.7
10.	13.45	67.4	83.7	66.3	46.	16.45	66.5	74.9	65.8	82.	19.45	67.4	75.4	66.7
11.	13.50	67.5	81.5	66.4	47.	16.50	66.8	78.1	65.8	83.	19.50	67.1	74.8	66.7
12.	13.55	67.4	72.2	66.1	48.	16.55	66.5	78.1	65.5	84.	19.55	66.9	76.7	66.6
13.	14.00	66.9	73.5	66.0	49.	17.00	66.4	73.6	65.8	85.	20.00	67.3	70.9	66.9
14.	14.05	67.1	72.5	66.1	50.	17.05	66.2	70.6	65.7	86.	20.05	67.4	73.0	67.0
15.	14.10	66.5	72.8	65.7	51.	17.10	66.1	69.1	65.8	87.	20.10	66.9	68.3	66.6
16.	14.15	66.3	71.6	65.8	52.	17.15	66.6	75.7	65.9	88.	20.15	67.3	70.3	67.0
17.	14.20	66.5	77.5	64.8	53.	17.20	67.7	82.3	66.5	89.	20.20	68.0	73.2	67.2
18.	14.25	61.5	68.4	59.4	54.	17.25	67.1	77.6	66.3	90.	20.25	68.7	74.5	67.6
19.	14.30	61.9	73.7	59.0	55.	17.30	66.7	74.0	66.2	91.	20.30	67.6	75.7	67.0
20.	14.35	60.2	67.3	58.9	56.	17.35	69.2	85.2	66.8	92.	20.35	68.9	77.7	67.2
21.	14.40	60.6	68.8	59.9	57.	17.40	72.3	93.7	67.0	93.	20.40	71.9	78.6	69.7
22.	14.45	60.2	69.0	59.6	58.	17.45	68.6	87.8	66.5	94.	20.45	67.9	70.9	67.5
23.	14.50	61.2	68.2	59.5	59.	17.50	69.3	87.2	66.9	95.	20.50	67.7	69.3	67.5
24.	14.55	59.4	66.9	58.0	60.	17.55	69.3	84.4	67.0	96.	20.55	67.7	69.5	67.4
25.	15.00	61.3	68.1	59.6	61.	18.00	70.0	85.1	67.3	97.	21.00	68.1	71.3	67.7
26.	15.05	62.4	69.0	61.9	62.	18.05	69.7	86.6	67.4	98.	21.05	67.9	74.9	67.2
27.	15.10	62.9	68.1	62.2	63.	18.10	70.2	85.3	68.0	99.	21.10	67.5	72.8	67.2
28.	15.15	68.0	81.9	62.6	64.	18.15	69.9	89.7	67.3	100.	21.15	67.4	71.3	67.0
29.	15.20	66.9	75.1	64.1	65.	18.20	71.5	89.0	68.2	101.	21.20	67.7	77.4	66.8
30.	15.25	66.7	74.7	63.3	66.	18.25	70.8	85.1	68.6	102.	21.25	67.1	78.1	66.3
31.	15.30	64.2	69.0	63.5	67.	18.30	70.5	88.4	67.5	103.	21.30	66.5	71.3	66.1
32.	15.35	66.9	78.0	64.1	68.	18.35	67.2	78.7	66.8	104.	21.35	66.4	76.3	66.1
33.	15.40	67.3	83.7	66.3	69.	18.40	67.7	74.7	67.1	105.	21.40	66.4	71.9	66.2
34.	15.45	67.7	79.4	66.4	70.	18.45	67.9	75.2	67.3	106.	21.45	66.6	69.1	66.4
35.	15.50	67.3	76.8	66.5	71.	18.50	68.4	72.5	68.0	107.	21.50	67.0	74.6	66.6
36.	15.55	67.4	86.5	66.5	72.	18.55	68.2	71.2	67.9	108.	21.55	67.4	73.2	66.6



Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(7/2-3)

ริมรั้วข้างห้องค่าง 5 ตัน														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		16-17/02/23					16-17/02/23					16-17/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
109.	22.00	67.9	77.4	66.7	145.	01.00	66.2	73.6	65.9	181.	04.00	67.2	71.4	67.0
110.	22.05	67.3	70.9	66.8	146.	01.05	66.8	81.3	66.0	182.	04.05	69.0	76.7	66.8
111.	22.10	67.5	73.7	66.2	147.	01.10	66.9	76.0	66.5	183.	04.10	67.0	74.1	66.2
112.	22.15	66.5	75.6	65.9	148.	01.15	67.6	80.7	66.7	184.	04.15	66.4	73.3	65.8
113.	22.20	66.0	67.5	65.8	149.	01.20	66.8	72.2	66.5	185.	04.20	66.9	75.9	65.8
114.	22.25	66.1	71.0	65.8	150.	01.25	66.9	78.3	66.4	186.	04.25	67.0	79.8	65.9
115.	22.30	66.1	72.0	65.8	151.	01.30	66.5	74.8	66.3	187.	04.30	66.0	77.5	65.6
116.	22.35	66.8	77.9	65.9	152.	01.35	66.5	74.4	66.3	188.	04.35	66.0	68.3	65.8
117.	22.40	66.1	70.5	65.7	153.	01.40	66.6	72.0	66.3	189.	04.40	66.3	74.0	65.8
118.	22.45	65.9	67.0	65.7	154.	01.45	66.8	72.0	66.3	190.	04.45	66.3	73.9	65.9
119.	22.50	66.0	76.7	65.8	155.	01.50	66.5	70.2	66.2	191.	04.50	66.7	76.1	66.0
120.	22.55	66.0	67.0	65.8	156.	01.55	66.7	71.2	66.2	192.	04.55	66.7	74.1	65.8
121.	23.00	66.4	71.5	65.9	157.	02.00	66.9	77.7	66.3	193.	05.00	66.1	70.1	65.8
122.	23.05	66.1	71.3	65.7	158.	02.05	66.6	70.4	66.4	194.	05.05	66.8	72.2	66.0
123.	23.10	66.0	70.5	65.8	159.	02.10	67.7	72.0	66.5	195.	05.10	66.3	71.8	66.0
124.	23.15	66.1	72.3	65.8	160.	02.15	68.4	76.0	67.4	196.	05.15	67.0	72.3	66.5
125.	23.20	66.5	74.1	65.9	161.	02.20	68.2	75.8	67.0	197.	05.20	66.9	68.9	66.6
126.	23.25	66.7	74.4	65.9	162.	02.25	67.4	74.3	66.5	198.	05.25	67.2	72.7	66.7
127.	23.30	66.1	71.5	65.8	163.	02.30	66.9	71.4	66.5	199.	05.30	67.7	73.4	67.2
128.	23.35	66.9	73.3	66.1	164.	02.35	68.3	76.3	67.2	200.	05.35	68.0	74.0	67.1
129.	23.40	66.3	67.4	66.1	165.	02.40	67.2	69.5	66.9	201.	05.40	69.0	72.6	67.3
130.	23.45	66.3	72.9	66.0	166.	02.45	66.8	70.3	66.5	202.	05.45	68.9	72.3	67.7
131.	23.50	67.8	76.0	66.6	167.	02.50	66.7	73.3	66.4	203.	05.50	68.0	71.7	66.7
132.	23.55	69.0	75.9	67.1	168.	02.55	66.9	73.4	66.5	204.	05.55	67.5	73.0	67.0
133.	00.00	66.7	75.6	65.8	169.	03.00	66.7	70.6	66.4	205.	06.00	67.3	71.3	66.8
134.	00.05	66.0	72.0	65.7	170.	03.05	67.1	73.4	66.5	206.	06.05	67.4	72.1	66.8
135.	00.10	66.2	70.8	65.8	171.	03.10	66.6	69.7	66.3	207.	06.10	67.6	74.6	67.2
136.	00.15	66.5	73.9	66.0	172.	03.15	66.5	67.6	66.3	208.	06.15	67.9	72.6	67.3
137.	00.20	66.3	71.9	65.8	173.	03.20	67.0	69.5	66.7	209.	06.20	67.8	74.3	67.4
138.	00.25	66.3	67.4	66.1	174.	03.25	66.7	70.7	66.4	210.	06.25	68.0	75.4	67.5
139.	00.30	67.1	69.1	66.9	175.	03.30	66.1	67.1	65.8	211.	06.30	68.0	75.7	67.4
140.	00.35	67.1	75.8	66.6	176.	03.35	66.7	74.9	65.7	212.	06.35	67.3	75.3	66.8
141.	00.40	66.4	69.8	66.1	177.	03.40	67.2	77.7	66.4	213.	06.40	67.4	73.5	66.9
142.	00.45	67.3	76.8	66.2	178.	03.45	67.5	71.6	67.1	214.	06.45	67.2	68.2	66.9
143.	00.50	67.1	74.1	66.1	179.	03.50	67.6	76.3	67.0	215.	06.50	68.0	75.2	67.2
144.	00.55	67.2	75.3	66.3	180.	03.55	67.8	76.7	67.0	216.	06.55	67.2	71.8	66.9

**TET**

Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(7/3-3)

ริมรั้วข้างห้องคางข้าง 5 ตัน														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		16-17/02/23					16-17/02/23					16-17/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
217.	07.00	67.2	75.6	66.6	241.	09.00	66.7	77.9	66.0	265.	11.00	67.4	78.3	66.4
218.	07.05	67.6	78.7	66.7	242.	09.05	67.8	71.7	66.2	266.	11.05	66.4	75.3	65.9
219.	07.10	66.8	73.4	66.4	243.	09.10	67.3	73.1	66.4	267.	11.10	66.8	73.4	66.3
220.	07.15	66.8	70.6	66.5	244.	09.15	67.8	70.8	66.4	268.	11.15	66.8	70.9	66.5
221.	07.20	67.5	76.7	66.8	245.	09.20	67.0	73.7	66.1	269.	11.20	67.0	73.2	66.5
222.	07.25	68.0	78.2	66.5	246.	09.25	66.9	75.3	66.1	270.	11.25	67.3	75.4	66.7
223.	07.30	66.7	74.8	65.9	247.	09.30	67.4	76.2	66.6	271.	11.30	67.4	75.1	67.0
224.	07.35	66.2	72.9	65.8	248.	09.35	67.5	73.6	66.7	272.	11.35	68.0	77.9	67.2
225.	07.40	66.6	74.0	65.9	249.	09.40	67.2	71.5	66.7	273.	11.40	67.5	71.6	67.1
226.	07.45	66.9	73.1	66.0	250.	09.45	67.4	75.8	66.5	274.	11.45	67.1	76.5	66.6
227.	07.50	66.5	71.8	66.0	251.	09.50	67.7	71.9	66.9	275.	11.50	67.1	75.6	66.3
228.	07.55	66.4	73.7	66.0	252.	09.55	67.6	72.6	67.1	276.	11.55	66.8	70.3	66.5
229.	08.00	66.4	70.9	65.8	253.	10.00	68.6	74.5	67.6	277.	12.00	66.7	75.4	66.2
230.	08.05	66.4	72.4	65.8	254.	10.05	67.6	75.3	66.8	278.	12.05	66.9	79.0	66.1
231.	08.10	67.4	77.0	65.8	255.	10.10	67.4	72.9	67.0	279.	12.10	66.8	72.0	66.2
232.	08.15	67.1	75.5	66.2	256.	10.15	67.5	70.2	67.1	280.	12.15	66.6	73.8	66.2
233.	08.20	67.5	80.4	66.6	257.	10.20	67.6	71.5	67.2	281.	12.20	67.7	76.7	66.6
234.	08.25	67.5	74.5	66.7	258.	10.25	67.8	72.1	67.4	282.	12.25	67.3	77.2	66.5
235.	08.30	67.0	69.0	66.6	259.	10.30	68.2	74.4	67.6	283.	12.30	67.7	77.5	66.4
236.	08.35	67.2	75.0	66.7	260.	10.35	67.6	72.2	66.9	284.	12.35	66.4	73.0	66.0
237.	08.40	67.7	74.8	66.7	261.	10.40	67.8	77.3	66.2	285.	12.40	67.3	80.8	66.1
238.	08.45	67.0	80.8	66.3	262.	10.45	68.7	78.7	66.0	286.	12.45	66.7	82.3	65.4
239.	08.50	67.0	72.0	66.2	263.	10.50	66.8	72.1	66.0	287.	12.50	67.5	79.7	63.8
240.	08.55	66.9	74.5	66.1	264.	10.55	66.8	71.3	66.1	288.	12.55	67.0	78.2	63.5

Wannasiri S

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager



Thai Environmental Technic Limited

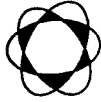
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ไทยเมทัลโปรดิวส์ จำกัด/TMP
 Project : โครงการผลิตขวดทองแดงส่วนขยายครั้งที่ 1
 Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม
 อำเภอบางปะกง จังหวัดฉะเชิงเทรา
 Contact : Tel. (038)-573 231-5
 Job No. : S660063/Feb/1

Report No. : 0425/2023/1-7
 Report Date : February 24, 2023
 Sampling Date : February 10-17, 2023
 Type of Sample : Sound Level

(1/1-3)

ริมรั้วด้านหน้าโรงงาน														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		10-11/02/23					10-11/02/23					10-11/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
1.	13.00	58.9	79.8	50.0	37.	16.00	50.6	64.2	46.1	73.	19.00	50.4	62.9	45.9
2.	13.05	54.4	68.5	49.1	38.	16.05	51.5	65.2	48.6	74.	19.05	50.5	71.2	47.4
3.	13.10	59.1	71.1	51.2	39.	16.10	53.9	69.0	48.4	75.	19.10	49.8	59.3	46.2
4.	13.15	56.8	74.5	49.8	40.	16.15	51.9	67.5	48.2	76.	19.15	52.3	70.5	47.5
5.	13.20	64.9	79.6	50.5	41.	16.20	53.3	71.6	49.0	77.	19.20	54.1	71.6	47.9
6.	13.25	57.6	73.3	49.2	42.	16.25	54.9	68.6	48.3	78.	19.25	53.1	68.2	48.0
7.	13.30	54.3	69.1	48.4	43.	16.30	51.4	63.2	48.1	79.	19.30	52.2	75.8	46.8
8.	13.35	54.2	68.1	50.9	44.	16.35	49.5	68.9	45.9	80.	19.35	58.6	81.6	45.6
9.	13.40	52.2	68.6	48.0	45.	16.40	49.9	57.7	47.6	81.	19.40	51.1	67.8	45.3
10.	13.45	53.5	70.6	48.0	46.	16.45	54.7	78.7	47.1	82.	19.45	49.8	61.0	46.0
11.	13.50	56.0	77.3	49.9	47.	16.50	51.0	66.4	46.1	83.	19.50	50.7	61.0	47.5
12.	13.55	55.6	66.8	49.8	48.	16.55	53.0	69.1	46.6	84.	19.55	53.0	73.1	45.5
13.	14.00	60.6	81.8	50.7	49.	17.00	51.7	68.8	45.7	85.	20.00	50.7	62.4	47.2
14.	14.05	51.3	65.2	48.7	50.	17.05	51.1	66.0	45.3	86.	20.05	57.3	75.9	46.4
15.	14.10	54.3	72.0	48.2	51.	17.10	53.1	66.6	46.1	87.	20.10	52.9	66.1	46.5
16.	14.15	52.5	67.3	48.5	52.	17.15	55.7	69.2	46.4	88.	20.15	55.0	69.1	47.6
17.	14.20	53.3	64.2	48.6	53.	17.20	48.5	62.0	44.1	89.	20.20	52.2	64.0	48.6
18.	14.25	55.6	68.7	47.9	54.	17.25	56.4	70.5	49.0	90.	20.25	56.7	75.7	48.5
19.	14.30	53.7	66.1	49.2	55.	17.30	56.2	73.6	47.7	91.	20.30	51.0	64.2	44.9
20.	14.35	53.2	65.4	48.3	56.	17.35	51.4	68.8	47.0	92.	20.35	54.1	70.3	48.0
21.	14.40	53.5	69.4	48.3	57.	17.40	54.6	70.5	48.1	93.	20.40	60.8	77.9	48.5
22.	14.45	57.2	74.3	49.7	58.	17.45	51.7	68.7	47.0	94.	20.45	54.4	65.0	47.9
23.	14.50	51.0	70.4	47.4	59.	17.50	53.9	74.0	47.1	95.	20.50	55.7	68.8	48.8
24.	14.55	59.6	73.4	53.7	60.	17.55	59.8	76.1	48.7	96.	20.55	55.7	71.5	50.3
25.	15.00	56.7	73.4	49.9	61.	18.00	54.4	70.5	45.9	97.	21.00	53.3	65.6	48.7
26.	15.05	54.6	67.5	48.2	62.	18.05	54.3	67.7	50.4	98.	21.05	53.3	66.3	48.9
27.	15.10	50.8	64.4	46.3	63.	18.10	55.4	70.0	51.2	99.	21.10	53.0	66.3	48.7
28.	15.15	51.7	65.4	48.8	64.	18.15	55.5	74.6	49.9	100.	21.15	54.5	63.6	49.9
29.	15.20	54.1	69.2	48.6	65.	18.20	56.2	67.8	51.2	101.	21.20	58.9	75.1	49.5
30.	15.25	52.1	67.7	48.4	66.	18.25	50.7	64.4	46.5	102.	21.25	65.5	81.3	51.7
31.	15.30	53.5	71.8	49.2	67.	18.30	51.1	63.7	46.0	103.	21.30	59.6	72.8	48.5
32.	15.35	55.1	68.8	48.5	68.	18.35	49.8	65.4	45.8	104.	21.35	58.3	72.0	49.9
33.	15.40	51.6	63.4	48.3	69.	18.40	52.2	66.9	46.2	105.	21.40	58.2	73.8	48.7
34.	15.45	49.7	69.1	46.1	70.	18.45	50.8	68.5	45.8	106.	21.45	59.3	75.8	48.3
35.	15.50	50.1	57.9	47.8	71.	18.50	51.5	62.9	45.2	107.	21.50	56.4	75.9	44.7
36.	15.55	54.4	67.3	48.0	72.	18.55	53.0	63.0	46.5	108.	21.55	53.4	65.5	47.5



Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(1/2-3)

ริมรั้วด้านหน้าโรงงาน														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		10-11/02/23					10-11/02/23					10-11/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
109.	22.00	54.9	78.7	45.7	145.	01.00	46.9	51.9	46.2	181.	04.00	48.9	61.4	46.6
110.	22.05	54.8	81.4	44.6	146.	01.05	47.5	52.5	47.0	182.	04.05	48.1	62.0	46.1
111.	22.10	60.3	83.5	45.6	147.	01.10	49.1	62.4	46.9	183.	04.10	49.0	59.7	46.2
112.	22.15	55.7	71.8	46.4	148.	01.15	47.6	63.7	47.0	184.	04.15	49.9	62.4	45.9
113.	22.20	53.3	66.6	49.5	149.	01.20	47.6	53.4	46.9	185.	04.20	49.1	61.5	45.4
114.	22.25	50.1	65.8	47.5	150.	01.25	49.7	63.4	46.9	186.	04.25	46.3	54.7	45.1
115.	22.30	50.0	59.3	47.5	151.	01.30	47.2	52.2	46.2	187.	04.30	47.4	55.9	45.7
116.	22.35	50.6	69.4	47.8	152.	01.35	48.6	66.1	46.4	188.	04.35	49.9	67.6	45.5
117.	22.40	48.8	55.0	47.5	153.	01.40	58.2	77.8	47.1	189.	04.40	57.8	71.7	47.7
118.	22.45	54.0	69.6	48.8	154.	01.45	47.6	51.0	46.9	190.	04.45	57.7	77.7	44.7
119.	22.50	50.1	60.0	48.8	155.	01.50	46.6	49.1	45.8	191.	04.50	47.4	63.7	44.7
120.	22.55	49.6	60.3	48.3	156.	01.55	58.1	81.1	46.4	192.	04.55	46.5	60.1	45.1
121.	23.00	50.1	55.9	48.9	157.	02.00	53.8	79.4	46.3	193.	05.00	45.8	49.4	44.8
122.	23.05	51.2	67.5	48.4	158.	02.05	47.6	64.3	46.7	194.	05.05	45.4	50.4	44.4
123.	23.10	50.0	62.8	48.2	159.	02.10	49.7	62.4	46.7	195.	05.10	45.7	51.0	44.6
124.	23.15	48.7	53.8	47.8	160.	02.15	47.7	59.4	46.9	196.	05.15	46.8	54.6	44.4
125.	23.20	47.9	56.6	47.1	161.	02.20	49.4	77.1	46.9	197.	05.20	46.1	52.0	44.8
126.	23.25	48.3	57.6	47.2	162.	02.25	47.7	64.2	46.6	198.	05.25	47.5	64.6	44.7
127.	23.30	48.3	64.8	47.0	163.	02.30	48.6	64.1	46.2	199.	05.30	46.8	59.6	45.3
128.	23.35	50.4	64.4	46.7	164.	02.35	47.1	60.3	46.0	200.	05.35	46.9	50.0	45.7
129.	23.40	47.0	55.1	46.4	165.	02.40	49.3	62.8	46.2	201.	05.40	60.0	72.7	46.7
130.	23.45	59.6	79.3	46.5	166.	02.45	46.3	55.3	45.6	202.	05.45	62.9	72.8	49.9
131.	23.50	47.4	56.8	45.9	167.	02.50	46.9	55.1	45.8	203.	05.50	60.5	73.0	45.4
132.	23.55	47.6	59.6	46.2	168.	02.55	48.8	63.5	45.8	204.	05.55	46.7	62.3	44.6
133.	00.00	48.4	59.6	45.8	169.	03.00	46.8	54.9	45.4	205.	06.00	46.1	55.6	45.1
134.	00.05	47.3	53.9	45.9	170.	03.05	46.8	56.5	46.1	206.	06.05	46.6	63.9	45.4
135.	00.10	51.2	65.2	46.0	171.	03.10	49.4	75.4	45.8	207.	06.10	49.6	62.4	46.4
136.	00.15	57.5	76.7	46.9	172.	03.15	46.0	58.7	45.1	208.	06.15	47.2	51.1	46.4
137.	00.20	48.6	54.0	48.0	173.	03.20	45.3	53.6	44.8	209.	06.20	49.2	60.1	46.3
138.	00.25	49.0	55.0	48.2	174.	03.25	45.3	50.3	44.6	210.	06.25	50.3	68.0	46.5
139.	00.30	49.3	55.7	48.5	175.	03.30	45.9	66.1	44.5	211.	06.30	60.0	73.7	48.6
140.	00.35	49.1	53.8	48.6	176.	03.35	45.2	48.9	44.6	212.	06.35	58.7	71.1	48.3
141.	00.40	50.4	64.5	48.6	177.	03.40	46.2	58.1	44.8	213.	06.40	55.7	69.0	47.2
142.	00.45	48.4	54.1	46.5	178.	03.45	50.5	62.9	44.0	214.	06.45	51.4	67.4	46.1
143.	00.50	47.2	57.0	45.9	179.	03.50	46.0	57.3	44.5	215.	06.50	48.9	67.6	46.3
144.	00.55	46.5	50.9	45.9	180.	03.55	49.2	62.1	46.4	216.	06.55	51.4	66.2	46.6



Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(1/3-3)

ริมรั้วด้านหน้าโรงงาน														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		10-11/02/23					10-11/02/23					10-11/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
217.	07.00	49.2	60.3	46.9	241.	09.00	51.3	64.1	47.3	265.	11.00	63.1	80.0	53.2
218.	07.05	47.9	57.3	47.1	242.	09.05	50.8	64.7	47.5	266.	11.05	56.3	72.9	50.1
219.	07.10	47.7	54.9	47.0	243.	09.10	48.6	58.5	47.8	267.	11.10	60.6	79.2	49.7
220.	07.15	47.9	57.0	47.2	244.	09.15	49.6	64.3	48.1	268.	11.15	56.4	73.7	52.0
221.	07.20	48.9	57.5	47.5	245.	09.20	50.6	63.4	48.3	269.	11.20	54.7	67.8	49.8
222.	07.25	48.3	60.9	47.1	246.	09.25	50.2	63.4	48.1	270.	11.25	55.1	67.2	50.3
223.	07.30	47.1	54.1	46.2	247.	09.30	50.3	62.3	47.9	271.	11.30	56.1	68.6	50.0
224.	07.35	49.6	64.8	46.5	248.	09.35	50.0	60.1	48.5	272.	11.35	58.9	69.7	51.6
225.	07.40	51.3	64.3	46.6	249.	09.40	49.9	61.2	48.5	273.	11.40	64.5	82.6	53.3
226.	07.45	46.7	57.0	45.7	250.	09.45	50.6	66.0	48.5	274.	11.45	56.2	69.0	53.8
227.	07.50	47.0	50.9	46.0	251.	09.50	49.9	60.4	48.7	275.	11.50	53.4	67.0	49.1
228.	07.55	47.6	51.8	46.8	252.	09.55	50.2	61.1	49.0	276.	11.55	53.9	65.5	49.0
229.	08.00	47.7	53.3	46.9	253.	10.00	50.6	63.5	49.5	277.	12.00	54.3	66.2	49.6
230.	08.05	47.2	60.6	46.0	254.	10.05	52.8	69.3	49.6	278.	12.05	52.9	65.1	49.5
231.	08.10	46.3	49.0	45.5	255.	10.10	53.5	69.2	49.7	279.	12.10	55.2	68.6	48.3
232.	08.15	46.2	50.1	45.4	256.	10.15	53.6	69.6	49.8	280.	12.15	61.1	81.4	52.1
233.	08.20	46.8	50.3	45.7	257.	10.20	53.6	65.4	49.9	281.	12.20	60.7	81.4	47.4
234.	08.25	46.3	57.1	45.2	258.	10.25	52.9	68.1	49.9	282.	12.25	54.8	70.2	45.5
235.	08.30	49.0	64.2	45.4	259.	10.30	51.2	68.4	48.8	283.	12.30	52.2	60.9	49.0
236.	08.35	48.6	64.5	45.9	260.	10.35	60.3	83.7	49.9	284.	12.35	55.8	72.4	45.4
237.	08.40	49.1	62.0	46.7	261.	10.40	58.4	82.6	49.7	285.	12.40	51.8	64.9	45.5
238.	08.45	47.6	54.4	46.8	262.	10.45	56.1	69.1	51.0	286.	12.45	57.2	77.5	43.9
239.	08.50	48.1	59.5	47.0	263.	10.50	61.0	82.7	51.4	287.	12.50	57.6	68.1	48.0
240.	08.55	49.9	61.5	47.3	264.	10.55	65.3	84.3	51.0	288.	12.55	56.9	72.3	47.6

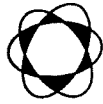
Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager



Thai Environmental Technic Limited

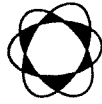
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP
 Project : โครงการผลิตขวดทองแดงส่วนขยายครั้งที่ 1
 Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม
 อำเภอบางปะกง จังหวัดฉะเชิงเทรา
 Contact : Tel. (038)-573 231-5
 Job No. : S660063/Feb/1

Report No. : 0425/2023/2-7
 Report Date : February 24, 2023
 Sampling Date : February 10-17, 2023
 Type of Sample : Sound Level

(2/1-3)

ริมรั้วด้านหน้าโรงงาน														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		11-12/02/23					11-12/02/23					11-12/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
1.	13.00	55.4	68.1	48.1	37.	16.00	58.7	76.6	47.6	73.	19.00	53.5	68.9	46.6
2.	13.05	51.4	68.3	45.0	38.	16.05	55.5	70.7	44.7	74.	19.05	54.4	69.3	47.7
3.	13.10	48.8	65.8	44.4	39.	16.10	51.8	73.2	44.2	75.	19.10	52.6	63.6	47.3
4.	13.15	59.8	73.9	46.6	40.	16.15	53.4	79.4	44.3	76.	19.15	52.3	68.2	46.4
5.	13.20	53.1	70.9	44.2	41.	16.20	51.0	67.8	43.6	77.	19.20	55.4	66.9	48.6
6.	13.25	57.1	73.6	46.7	42.	16.25	46.5	62.2	43.7	78.	19.25	52.3	61.0	50.2
7.	13.30	59.9	80.0	43.9	43.	16.30	54.7	74.2	42.4	79.	19.30	53.6	63.6	50.0
8.	13.35	66.1	85.2	45.8	44.	16.35	51.2	66.5	41.2	80.	19.35	51.7	65.0	48.8
9.	13.40	57.7	78.8	46.4	45.	16.40	44.6	66.7	41.4	81.	19.40	53.9	65.6	51.3
10.	13.45	47.1	57.4	44.2	46.	16.45	49.5	66.3	41.6	82.	19.45	53.8	66.4	51.2
11.	13.50	45.1	54.1	43.3	47.	16.50	48.8	64.3	42.5	83.	19.50	53.1	65.6	50.4
12.	13.55	48.0	59.5	43.4	48.	16.55	47.7	58.9	42.6	84.	19.55	53.4	63.6	50.6
13.	14.00	50.3	67.5	42.6	49.	17.00	56.5	68.0	48.1	85.	20.00	53.5	66.8	50.6
14.	14.05	55.1	74.7	46.7	50.	17.05	47.5	57.2	43.8	86.	20.05	52.5	61.5	50.7
15.	14.10	51.3	67.3	44.7	51.	17.10	52.6	69.5	44.0	87.	20.10	57.1	75.4	50.4
16.	14.15	53.3	70.8	45.1	52.	17.15	49.7	64.2	46.6	88.	20.15	51.6	63.2	45.1
17.	14.20	50.7	62.1	47.7	53.	17.20	54.7	77.2	45.8	89.	20.20	50.8	62.3	47.5
18.	14.25	54.4	79.7	45.6	54.	17.25	47.4	66.0	45.8	90.	20.25	53.3	69.9	47.9
19.	14.30	51.2	67.3	44.0	55.	17.30	51.6	70.5	44.6	91.	20.30	52.2	65.3	49.5
20.	14.35	51.5	65.3	46.9	56.	17.35	50.3	63.0	43.5	92.	20.35	53.0	67.7	49.7
21.	14.40	52.6	65.7	46.6	57.	17.40	49.9	67.7	45.9	93.	20.40	53.6	65.9	47.9
22.	14.45	49.4	59.5	46.4	58.	17.45	51.1	65.1	44.7	94.	20.45	55.2	74.7	43.9
23.	14.50	53.2	69.2	44.3	59.	17.50	55.1	82.1	42.2	95.	20.50	51.3	66.6	45.2
24.	14.55	52.5	69.2	47.2	60.	17.55	50.1	68.9	42.9	96.	20.55	57.2	70.5	47.2
25.	15.00	60.4	80.2	46.7	61.	18.00	47.5	59.0	43.5	97.	21.00	57.4	70.6	48.5
26.	15.05	51.7	69.5	47.2	62.	18.05	46.9	56.4	43.4	98.	21.05	57.1	72.0	48.9
27.	15.10	52.1	70.1	45.0	63.	18.10	48.5	68.3	41.6	99.	21.10	56.7	70.2	49.9
28.	15.15	50.0	61.8	44.8	64.	18.15	50.7	60.7	46.1	100.	21.15	60.5	74.3	50.5
29.	15.20	53.3	69.2	46.8	65.	18.20	53.5	74.7	48.2	101.	21.20	60.7	75.0	50.3
30.	15.25	50.0	59.1	45.8	66.	18.25	50.9	60.5	47.2	102.	21.25	54.1	73.1	49.6
31.	15.30	53.1	69.9	46.9	67.	18.30	51.8	61.3	47.1	103.	21.30	55.6	67.8	51.5
32.	15.35	53.5	74.6	47.2	68.	18.35	53.3	63.7	49.2	104.	21.35	53.6	65.8	45.8
33.	15.40	51.6	71.6	47.9	69.	18.40	52.2	61.8	48.8	105.	21.40	49.4	61.9	45.4
34.	15.45	50.3	62.6	45.6	70.	18.45	53.1	66.4	49.5	106.	21.45	55.9	73.9	45.1
35.	15.50	52.0	67.7	47.4	71.	18.50	53.3	69.5	44.1	107.	21.50	53.1	70.7	46.0
36.	15.55	52.4	67.6	47.8	72.	18.55	56.2	70.7	51.9	108.	21.55	50.7	66.9	45.6



Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(2/2-3)

ริมรั้วด้านหน้าโรงงาน

Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		11-12/02/23					11-12/02/23					11-12/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
109.	22.00	47.6	60.8	45.5	145.	01.00	48.7	53.0	48.0	181.	04.00	52.7	66.9	46.5
110.	22.05	58.3	76.4	46.3	146.	01.05	52.0	73.1	47.6	182.	04.05	48.4	60.7	46.4
111.	22.10	48.5	62.6	45.1	147.	01.10	48.4	53.8	47.5	183.	04.10	48.4	62.1	46.1
112.	22.15	49.4	71.5	45.8	148.	01.15	48.7	62.7	48.0	184.	04.15	46.7	51.1	46.3
113.	22.20	51.1	61.7	46.6	149.	01.20	48.6	57.7	47.4	185.	04.20	49.2	65.5	46.4
114.	22.25	51.3	62.1	49.2	150.	01.25	50.4	63.6	47.8	186.	04.25	50.6	65.1	47.0
115.	22.30	50.3	58.3	48.9	151.	01.30	48.1	55.6	47.0	187.	04.30	50.9	66.1	47.2
116.	22.35	53.8	66.1	49.0	152.	01.35	48.1	56.6	46.9	188.	04.35	48.8	65.3	47.9
117.	22.40	52.0	68.9	49.1	153.	01.40	48.9	56.9	47.8	189.	04.40	48.7	50.8	48.3
118.	22.45	50.2	63.5	48.5	154.	01.45	49.5	55.6	48.5	190.	04.45	48.5	57.8	47.4
119.	22.50	53.6	68.9	48.8	155.	01.50	51.6	66.6	48.8	191.	04.50	49.7	54.1	49.2
120.	22.55	51.1	64.3	48.6	156.	01.55	50.4	68.9	48.5	192.	04.55	49.5	53.4	48.9
121.	23.00	50.1	62.8	48.3	157.	02.00	49.0	53.3	47.9	193.	05.00	49.8	52.6	49.4
122.	23.05	49.3	55.9	48.6	158.	02.05	48.7	58.9	46.4	194.	05.05	48.3	62.8	47.3
123.	23.10	51.2	64.3	48.7	159.	02.10	48.0	56.4	46.6	195.	05.10	47.9	56.3	47.3
124.	23.15	49.2	54.2	48.5	160.	02.15	48.4	53.1	47.6	196.	05.15	48.7	53.3	47.6
125.	23.20	50.1	58.3	48.6	161.	02.20	48.2	51.8	47.1	197.	05.20	50.7	53.2	50.2
126.	23.25	50.4	62.0	48.9	162.	02.25	47.8	50.1	46.1	198.	05.25	50.9	54.6	50.4
127.	23.30	49.9	57.8	48.9	163.	02.30	46.4	50.1	45.9	199.	05.30	50.4	54.6	50.0
128.	23.35	50.3	63.5	48.3	164.	02.35	46.3	57.2	45.6	200.	05.35	50.1	54.6	49.7
129.	23.40	51.0	62.6	49.0	165.	02.40	46.7	55.8	45.9	201.	05.40	50.2	58.6	49.6
130.	23.45	50.2	59.2	48.8	166.	02.45	46.9	49.7	46.4	202.	05.45	50.0	54.4	49.7
131.	23.50	50.3	65.1	49.1	167.	02.50	47.1	52.9	46.3	203.	05.50	49.7	52.8	49.2
132.	23.55	49.2	59.8	48.5	168.	02.55	47.3	62.4	46.3	204.	05.55	49.4	56.6	48.9
133.	00.00	50.5	63.1	48.9	169.	03.00	47.2	52.5	46.5	205.	06.00	49.4	51.8	49.0
134.	00.05	51.3	64.7	49.0	170.	03.05	47.1	55.9	46.4	206.	06.05	50.2	63.6	48.8
135.	00.10	51.1	64.0	49.0	171.	03.10	47.8	67.8	46.1	207.	06.10	49.1	52.0	48.7
136.	00.15	50.3	59.1	49.3	172.	03.15	48.2	60.1	46.0	208.	06.15	49.2	57.3	48.7
137.	00.20	50.3	59.7	49.3	173.	03.20	46.8	52.3	45.9	209.	06.20	49.7	55.3	49.2
138.	00.25	50.9	63.9	48.2	174.	03.25	46.3	51.2	45.7	210.	06.25	49.7	56.6	49.2
139.	00.30	49.2	52.3	48.5	175.	03.30	48.5	65.4	46.2	211.	06.30	49.5	53.8	49.0
140.	00.35	50.2	60.7	48.5	176.	03.35	46.8	50.5	45.7	212.	06.35	50.0	53.8	49.1
141.	00.40	65.5	73.6	62.1	177.	03.40	47.1	50.7	46.6	213.	06.40	49.2	51.8	48.8
142.	00.45	48.7	52.6	47.9	178.	03.45	48.1	59.4	47.2	214.	06.45	50.6	62.3	49.0
143.	00.50	48.6	52.2	47.9	179.	03.50	47.4	54.9	46.4	215.	06.50	50.2	63.3	49.2
144.	00.55	49.5	55.2	48.3	180.	03.55	53.4	68.5	46.9	216.	06.55	49.6	53.6	49.1



Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(2/3-3)

ริมรั้วด้านหน้าโรงงาน														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		11-12/02/23					11-12/02/23					11-12/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
217.	07.00	50.1	52.8	49.7	241.	09.00	52.6	64.0	51.6	265.	11.00	56.7	70.7	51.6
218.	07.05	49.6	55.9	47.2	242.	09.05	53.5	64.5	51.5	266.	11.05	55.2	72.4	50.2
219.	07.10	48.4	57.3	47.1	243.	09.10	53.2	61.2	52.0	267.	11.10	60.5	80.8	51.0
220.	07.15	48.3	52.0	47.5	244.	09.15	52.6	56.3	51.9	268.	11.15	58.0	77.2	50.5
221.	07.20	48.7	57.0	48.0	245.	09.20	53.4	62.7	52.1	269.	11.20	57.8	72.6	50.8
222.	07.25	48.7	64.4	48.1	246.	09.25	53.1	62.4	52.0	270.	11.25	57.5	69.3	52.1
223.	07.30	49.1	57.8	48.2	247.	09.30	52.6	60.1	51.9	271.	11.30	64.5	84.1	53.0
224.	07.35	49.5	54.8	48.9	248.	09.35	53.3	61.4	52.4	272.	11.35	58.2	68.6	53.5
225.	07.40	50.6	53.1	49.9	249.	09.40	52.8	62.1	52.1	273.	11.40	64.2	83.3	51.7
226.	07.45	49.6	59.2	48.3	250.	09.45	53.2	61.9	52.3	274.	11.45	56.5	69.5	51.1
227.	07.50	48.6	51.3	48.0	251.	09.50	53.7	62.3	52.4	275.	11.50	54.6	66.9	50.9
228.	07.55	48.3	52.9	47.6	252.	09.55	54.0	66.8	52.7	276.	11.55	56.7	71.4	50.7
229.	08.00	48.1	52.3	47.4	253.	10.00	54.7	66.0	52.8	277.	12.00	57.4	74.4	51.2
230.	08.05	47.4	50.2	46.9	254.	10.05	54.4	67.0	52.7	278.	12.05	52.9	63.4	50.2
231.	08.10	47.9	66.5	47.1	255.	10.10	54.9	70.2	53.1	279.	12.10	54.6	68.1	49.7
232.	08.15	48.5	54.1	47.5	256.	10.15	55.1	67.4	53.1	280.	12.15	53.2	68.1	51.0
233.	08.20	47.9	52.5	47.3	257.	10.20	55.1	67.1	52.7	281.	12.20	56.9	76.9	51.1
234.	08.25	49.1	66.2	48.2	258.	10.25	53.8	66.5	52.4	282.	12.25	53.1	67.8	51.4
235.	08.30	50.7	62.5	48.6	259.	10.30	53.3	64.1	51.5	283.	12.30	53.6	68.6	51.9
236.	08.35	51.8	64.4	48.7	260.	10.35	53.2	68.8	51.0	284.	12.35	54.4	67.0	51.1
237.	08.40	50.1	64.7	48.9	261.	10.40	55.1	68.0	51.7	285.	12.40	55.1	68.8	49.5
238.	08.45	50.0	55.9	49.3	262.	10.45	57.8	80.4	51.5	286.	12.45	52.5	64.9	48.9
239.	08.50	50.1	53.3	49.2	263.	10.50	57.7	68.5	52.4	287.	12.50	53.6	64.9	47.8
240.	08.55	52.6	64.0	51.2	264.	10.55	65.8	86.4	52.8	288.	12.55	55.2	74.5	47.0

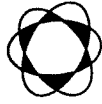
Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager



Thai Environmental Technic Limited

บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP
 Project : โครงการผลิตขวดทองแดงส่วนขยายครั้งที่ 1
 Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม
 อำเภอบางปะกง จังหวัดฉะเชิงเทรา
 Contact : Tel. (038)-573 231-5
 Job No. : S660063/Feb/1

Report No. : 0425/2023/3-7
 Report Date : February 24, 2023
 Sampling Date : February 10-17, 2023
 Type of Sample : Sound Level

(3/1-3)

ริมรั้วด้านหน้าโรงงาน														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		12-13/02/23					12-13/02/23					12-13/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
1.	13.00	53.6	69.5	45.1	37.	16.00	53.7	73.6	45.9	73.	19.00	54.0	70.5	48.3
2.	13.05	52.9	69.3	44.7	38.	16.05	58.6	75.7	46.7	74.	19.05	53.6	72.9	47.1
3.	13.10	56.8	74.2	49.9	39.	16.10	52.3	65.4	46.6	75.	19.10	54.2	71.3	48.0
4.	13.15	53.3	66.3	48.4	40.	16.15	49.8	68.1	43.7	76.	19.15	50.1	62.8	46.6
5.	13.20	61.0	80.2	51.4	41.	16.20	50.7	62.5	45.2	77.	19.20	50.6	68.2	46.1
6.	13.25	53.3	68.3	49.4	42.	16.25	57.2	77.4	46.5	78.	19.25	52.0	64.3	47.6
7.	13.30	57.8	76.0	48.4	43.	16.30	49.5	64.2	44.0	79.	19.30	50.8	65.0	45.8
8.	13.35	55.9	68.8	50.5	44.	16.35	49.0	64.1	44.6	80.	19.35	50.0	60.4	46.9
9.	13.40	55.6	71.0	52.2	45.	16.40	51.9	65.8	47.0	81.	19.40	52.3	65.5	47.6
10.	13.45	54.9	68.2	50.5	46.	16.45	51.2	63.1	45.2	82.	19.45	53.1	67.9	48.8
11.	13.50	53.2	68.3	50.4	47.	16.50	53.1	65.7	46.6	83.	19.50	53.7	67.3	48.6
12.	13.55	59.3	77.9	51.4	48.	16.55	53.3	68.7	46.1	84.	19.55	51.9	66.6	47.7
13.	14.00	56.0	71.7	50.6	49.	17.00	53.8	66.1	49.1	85.	20.00	52.6	65.9	48.1
14.	14.05	52.4	60.2	50.8	50.	17.05	54.5	67.0	48.6	86.	20.05	51.7	66.2	47.6
15.	14.10	52.3	63.0	50.6	51.	17.10	55.0	66.4	48.9	87.	20.10	53.3	68.5	46.5
16.	14.15	54.2	70.7	49.6	52.	17.15	56.8	69.9	53.2	88.	20.15	53.1	70.6	46.4
17.	14.20	50.3	69.2	46.1	53.	17.20	59.2	69.4	52.0	89.	20.20	57.1	76.0	46.4
18.	14.25	48.6	67.7	45.2	54.	17.25	59.1	71.8	54.2	90.	20.25	60.6	77.2	50.0
19.	14.30	60.3	81.7	45.1	55.	17.30	54.0	65.1	51.3	91.	20.30	51.8	64.2	47.3
20.	14.35	50.7	64.3	46.2	56.	17.35	58.9	74.9	47.6	92.	20.35	54.1	65.2	47.1
21.	14.40	53.5	71.2	45.8	57.	17.40	55.4	77.3	46.7	93.	20.40	56.0	70.0	49.1
22.	14.45	49.5	66.2	44.3	58.	17.45	52.6	63.7	46.4	94.	20.45	52.6	67.4	45.6
23.	14.50	56.9	71.9	46.6	59.	17.50	54.3	70.4	46.3	95.	20.50	50.2	64.9	45.7
24.	14.55	50.9	68.1	45.0	60.	17.55	49.3	63.6	45.6	96.	20.55	52.6	68.2	45.6
25.	15.00	48.5	64.8	45.3	61.	18.00	51.3	66.5	44.3	97.	21.00	56.5	69.1	47.7
26.	15.05	57.5	75.2	46.0	62.	18.05	50.9	68.4	44.6	98.	21.05	53.9	68.0	47.1
27.	15.10	53.1	72.9	46.2	63.	18.10	48.7	60.3	45.3	99.	21.10	53.3	67.5	46.6
28.	15.15	57.9	68.4	49.9	64.	18.15	57.6	78.1	46.7	100.	21.15	50.0	63.0	45.6
29.	15.20	52.5	67.1	47.4	65.	18.20	63.6	83.8	45.5	101.	21.20	52.0	65.6	45.7
30.	15.25	55.2	75.8	47.0	66.	18.25	53.8	72.0	47.0	102.	21.25	51.6	64.4	46.3
31.	15.30	49.6	64.0	45.9	67.	18.30	53.5	62.9	50.8	103.	21.30	51.9	64.3	46.3
32.	15.35	62.4	81.2	47.0	68.	18.35	56.5	74.8	51.3	104.	21.35	50.6	65.4	46.2
33.	15.40	52.1	64.1	47.7	69.	18.40	50.9	64.5	48.9	105.	21.40	55.7	70.6	52.2
34.	15.45	51.9	69.6	46.5	70.	18.45	53.1	65.9	49.0	106.	21.45	53.4	67.5	46.8
35.	15.50	57.1	73.9	47.5	71.	18.50	55.0	68.1	50.2	107.	21.50	48.8	62.7	45.1
36.	15.55	52.5	71.5	45.1	72.	18.55	51.8	69.5	46.6	108.	21.55	56.2	71.0	46.9



Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(3/2-3)

ริมรั้วด้านหน้าโรงงาน														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		12-13/02/23					12-13/02/23					12-13/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
109.	22.00	47.5	59.6	45.7	145.	01.00	49.7	64.4	48.7	181.	04.00	47.8	50.8	47.3
110.	22.05	53.6	70.6	46.4	146.	01.05	50.0	61.4	48.4	182.	04.05	53.3	73.4	47.3
111.	22.10	53.2	72.4	46.8	147.	01.10	54.4	66.3	48.6	183.	04.10	50.7	64.3	47.8
112.	22.15	52.8	66.4	49.2	148.	01.15	49.3	54.2	48.3	184.	04.15	47.7	55.9	47.2
113.	22.20	52.5	62.5	49.9	149.	01.20	48.7	52.4	48.0	185.	04.20	48.3	52.3	47.6
114.	22.25	60.1	79.7	50.0	150.	01.25	49.6	58.6	48.5	186.	04.25	48.4	56.3	47.7
115.	22.30	57.2	78.3	49.7	151.	01.30	49.0	55.1	48.4	187.	04.30	48.4	55.7	47.3
116.	22.35	50.7	61.0	49.6	152.	01.35	50.8	64.8	48.8	188.	04.35	49.9	63.0	47.4
117.	22.40	51.8	65.2	50.4	153.	01.40	49.3	51.8	48.7	189.	04.40	49.8	65.0	46.8
118.	22.45	51.0	67.7	49.9	154.	01.45	48.9	58.4	47.5	190.	04.45	48.6	63.7	46.7
119.	22.50	50.7	61.5	49.8	155.	01.50	50.0	65.7	47.5	191.	04.50	48.9	61.9	46.5
120.	22.55	51.3	61.5	49.9	156.	01.55	48.6	52.1	48.0	192.	04.55	47.7	60.7	45.9
121.	23.00	56.2	71.0	49.7	157.	02.00	51.6	68.1	47.5	193.	05.00	46.9	57.0	45.9
122.	23.05	54.5	70.6	50.1	158.	02.05	51.2	64.5	48.4	194.	05.05	47.2	52.8	46.0
123.	23.10	50.8	52.4	50.2	159.	02.10	51.7	68.6	49.5	195.	05.10	47.2	56.3	46.0
124.	23.15	51.3	62.3	50.0	160.	02.15	51.9	69.8	49.3	196.	05.15	47.4	52.2	46.7
125.	23.20	52.6	68.6	50.3	161.	02.20	50.4	64.1	49.3	197.	05.20	48.8	56.6	47.3
126.	23.25	50.4	57.2	50.0	162.	02.25	50.9	63.4	49.7	198.	05.25	48.4	56.6	47.6
127.	23.30	52.0	65.2	50.0	163.	02.30	51.0	57.7	50.3	199.	05.30	48.5	65.1	47.6
128.	23.35	50.3	53.4	49.3	164.	02.35	50.4	53.0	49.9	200.	05.35	48.4	63.3	47.5
129.	23.40	53.7	69.2	50.1	165.	02.40	50.1	52.7	49.5	201.	05.40	54.1	69.8	47.5
130.	23.45	51.8	63.8	49.9	166.	02.45	49.9	54.7	49.2	202.	05.45	47.9	50.4	47.3
131.	23.50	50.6	57.6	49.8	167.	02.50	50.1	55.2	49.3	203.	05.50	48.4	55.5	47.6
132.	23.55	51.8	67.0	49.8	168.	02.55	49.3	52.0	48.3	204.	05.55	48.1	51.3	47.5
133.	00.00	49.9	54.6	49.3	169.	03.00	49.3	52.2	48.5	205.	06.00	50.2	65.8	47.3
134.	00.05	51.8	62.3	49.4	170.	03.05	48.6	56.2	47.7	206.	06.05	49.8	64.5	47.4
135.	00.10	48.9	57.0	47.9	171.	03.10	49.1	59.1	47.7	207.	06.10	50.4	69.5	47.7
136.	00.15	48.9	51.9	48.2	172.	03.15	49.0	61.9	47.8	208.	06.15	47.8	50.4	47.2
137.	00.20	50.4	62.3	48.9	173.	03.20	50.2	64.6	48.0	209.	06.20	47.4	49.7	46.9
138.	00.25	49.7	62.1	48.9	174.	03.25	49.2	56.0	48.0	210.	06.25	47.4	55.1	46.8
139.	00.30	50.8	63.7	48.9	175.	03.30	51.6	66.4	48.6	211.	06.30	48.3	59.2	47.2
140.	00.35	49.9	54.2	49.1	176.	03.35	52.7	69.0	48.7	212.	06.35	48.2	57.9	47.3
141.	00.40	66.0	85.8	49.0	177.	03.40	48.9	54.4	48.0	213.	06.40	48.7	60.2	47.0
142.	00.45	49.7	52.3	49.3	178.	03.45	49.1	62.8	48.3	214.	06.45	48.4	55.3	47.6
143.	00.50	50.4	59.5	49.3	179.	03.50	50.0	65.5	47.6	215.	06.50	47.6	54.8	46.8
144.	00.55	52.3	67.8	49.5	180.	03.55	47.9	57.8	47.4	216.	06.55	47.6	51.7	47.1

**TET**

Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(3/3-3)

ริมรั้วด้านหน้าโรงงาน														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		12-13/02/23					12-13/02/23					12-13/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
217.	07.00	47.5	50.1	46.9	241.	09.00	51.9	54.8	51.1	265.	11.00	52.4	62.1	50.3
218.	07.05	47.9	54.9	47.1	242.	09.05	53.2	62.7	51.3	266.	11.05	65.0	85.8	50.4
219.	07.10	48.1	53.1	47.1	243.	09.10	51.5	62.2	50.6	267.	11.10	58.2	72.0	51.6
220.	07.15	48.0	53.0	46.9	244.	09.15	54.4	68.4	51.1	268.	11.15	59.8	72.8	53.4
221.	07.20	49.1	56.0	47.8	245.	09.20	52.8	63.0	50.8	269.	11.20	61.8	80.3	52.3
222.	07.25	49.3	56.2	48.0	246.	09.25	53.0	64.0	51.2	270.	11.25	54.8	68.0	49.3
223.	07.30	50.3	53.9	49.1	247.	09.30	51.8	65.2	50.9	271.	11.30	57.1	72.2	49.0
224.	07.35	49.9	56.6	48.8	248.	09.35	53.8	65.5	51.5	272.	11.35	57.7	71.2	51.4
225.	07.40	51.3	61.1	49.8	249.	09.40	66.0	80.0	51.6	273.	11.40	63.4	81.6	52.2
226.	07.45	50.8	55.2	49.3	250.	09.45	53.3	64.2	51.3	274.	11.45	53.9	66.2	51.2
227.	07.50	51.2	61.5	50.1	251.	09.50	53.4	66.9	50.7	275.	11.50	53.3	66.0	49.9
228.	07.55	51.2	55.1	50.1	252.	09.55	53.1	63.5	51.0	276.	11.55	54.6	76.4	50.2
229.	08.00	51.1	56.4	50.1	253.	10.00	53.7	63.5	51.0	277.	12.00	58.9	74.8	51.2
230.	08.05	52.4	62.2	50.6	254.	10.05	52.9	63.3	50.5	278.	12.05	55.5	69.0	49.5
231.	08.10	52.4	63.0	51.0	255.	10.10	53.1	63.1	50.6	279.	12.10	55.5	76.7	48.4
232.	08.15	51.7	57.8	49.9	256.	10.15	52.0	62.7	50.1	280.	12.15	54.1	74.1	49.2
233.	08.20	52.1	59.5	50.2	257.	10.20	51.4	63.0	49.5	281.	12.20	54.3	66.1	49.3
234.	08.25	55.0	70.2	51.1	258.	10.25	53.1	66.0	48.4	282.	12.25	54.6	71.5	50.5
235.	08.30	51.3	54.5	50.4	259.	10.30	53.8	67.5	49.1	283.	12.30	53.9	70.5	49.7
236.	08.35	52.8	63.0	50.8	260.	10.35	55.2	74.9	49.6	284.	12.35	55.6	72.5	50.6
237.	08.40	52.8	69.7	51.2	261.	10.40	53.7	67.7	50.3	285.	12.40	55.7	75.1	50.0
238.	08.45	51.9	58.0	51.2	262.	10.45	54.1	65.2	51.3	286.	12.45	52.8	62.4	48.8
239.	08.50	52.2	65.3	50.8	263.	10.50	57.2	75.3	51.3	287.	12.50	52.9	66.0	49.1
240.	08.55	52.2	62.3	50.7	264.	10.55	55.5	68.1	49.8	288.	12.55	53.2	65.6	49.2

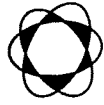
Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager



Thai Environmental Technic Limited

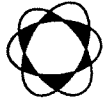
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP
 Project : โครงการผลิตขวดทองแดงส่วนขยายครั้งที่ 1
 Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม
 อำเภอบางปะกง จังหวัดฉะเชิงเทรา
 Contact : Tel. (038)-573 231-5
 Job No. : S660063/Feb/1

Report No. : 0425/2023/4-7
 Report Date : February 24, 2023
 Sampling Date : February 10-17, 2023
 Type of Sample : Sound Level

(4/1-3)

ริมรั้วด้านหน้าโรงงาน														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		13-14/02/23					13-14/02/23					13-14/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
1.	13.00	54.0	70.2	49.4	37.	16.00	55.7	72.7	49.2	73.	19.00	53.9	64.9	49.8
2.	13.05	52.8	65.5	48.3	38.	16.05	53.3	67.1	49.2	74.	19.05	53.0	61.8	50.2
3.	13.10	52.2	65.6	49.5	39.	16.10	51.1	69.1	46.1	75.	19.10	53.5	64.9	49.7
4.	13.15	52.8	67.4	48.6	40.	16.15	64.9	85.8	50.6	76.	19.15	54.9	72.4	51.6
5.	13.20	51.7	63.0	48.3	41.	16.20	51.1	65.1	45.7	77.	19.20	50.6	64.8	46.2
6.	13.25	54.5	67.6	48.8	42.	16.25	52.8	69.3	46.1	78.	19.25	51.9	65.2	47.2
7.	13.30	53.2	70.6	49.8	43.	16.30	59.0	80.1	46.4	79.	19.30	52.8	64.9	48.6
8.	13.35	54.7	66.9	48.2	44.	16.35	51.9	62.6	48.4	80.	19.35	53.4	75.7	47.1
9.	13.40	52.8	67.8	47.3	45.	16.40	50.9	64.7	47.7	81.	19.40	52.1	65.4	46.9
10.	13.45	52.7	60.8	49.6	46.	16.45	55.3	68.3	50.4	82.	19.45	50.3	65.8	47.6
11.	13.50	61.1	80.1	48.9	47.	16.50	57.1	72.6	50.5	83.	19.50	53.8	68.8	48.1
12.	13.55	52.3	65.5	47.2	48.	16.55	55.9	73.5	49.9	84.	19.55	50.4	62.4	47.7
13.	14.00	54.0	65.8	49.3	49.	17.00	51.5	65.4	47.3	85.	20.00	53.0	63.1	48.3
14.	14.05	54.7	70.3	48.8	50.	17.05	50.9	60.9	48.2	86.	20.05	52.5	68.7	47.7
15.	14.10	55.1	69.7	48.6	51.	17.10	53.0	62.7	49.0	87.	20.10	52.6	65.0	47.7
16.	14.15	54.8	65.1	49.1	52.	17.15	51.3	62.7	48.2	88.	20.15	52.8	66.6	47.6
17.	14.20	51.1	63.2	47.6	53.	17.20	53.0	73.6	46.4	89.	20.20	53.2	64.3	50.1
18.	14.25	51.8	66.4	46.8	54.	17.25	55.2	72.9	45.9	90.	20.25	57.6	71.7	50.3
19.	14.30	54.1	69.8	49.3	55.	17.30	53.6	72.3	45.9	91.	20.30	54.8	71.8	49.5
20.	14.35	56.7	73.7	48.5	56.	17.35	47.9	55.0	45.6	92.	20.35	56.0	74.7	47.6
21.	14.40	57.3	73.1	49.7	57.	17.40	49.2	59.6	45.8	93.	20.40	52.9	63.3	50.1
22.	14.45	56.2	71.6	49.5	58.	17.45	50.7	61.9	47.8	94.	20.45	54.0	64.7	50.1
23.	14.50	54.8	61.4	52.8	59.	17.50	55.0	68.6	49.8	95.	20.50	54.6	63.1	50.0
24.	14.55	55.3	71.6	47.2	60.	17.55	50.8	65.1	47.5	96.	20.55	56.2	69.8	50.3
25.	15.00	55.0	71.8	48.1	61.	18.00	52.4	67.4	49.2	97.	21.00	56.0	74.5	49.3
26.	15.05	51.8	67.1	46.5	62.	18.05	56.4	76.4	47.8	98.	21.05	57.0	71.6	49.1
27.	15.10	53.1	70.1	48.0	63.	18.10	53.5	68.6	48.3	99.	21.10	53.4	67.4	49.7
28.	15.15	52.6	69.7	48.0	64.	18.15	56.5	73.0	47.4	100.	21.15	52.4	65.0	48.2
29.	15.20	55.5	72.6	47.4	65.	18.20	53.5	69.2	48.6	101.	21.20	52.0	73.5	48.7
30.	15.25	50.4	62.9	46.6	66.	18.25	53.8	65.1	50.1	102.	21.25	50.5	59.7	47.5
31.	15.30	50.2	59.9	46.8	67.	18.30	56.6	67.2	54.5	103.	21.30	52.9	76.0	48.3
32.	15.35	51.9	60.7	46.8	68.	18.35	52.0	67.7	48.5	104.	21.35	50.4	62.2	47.0
33.	15.40	54.9	70.2	47.7	69.	18.40	52.0	61.5	49.2	105.	21.40	52.8	67.4	46.7
34.	15.45	52.3	73.0	47.9	70.	18.45	56.5	76.4	49.3	106.	21.45	56.3	70.3	52.6
35.	15.50	55.4	74.1	48.6	71.	18.50	57.2	72.3	49.1	107.	21.50	53.7	67.6	50.1
36.	15.55	52.2	68.7	46.0	72.	18.55	51.8	65.7	49.2	108.	21.55	55.1	73.9	45.6



Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(4/2-3)

ริมรั้วด้านหน้าโรงงาน														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		13-14/02/23					13-14/02/23					13-14/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
109.	22.00	52.1	69.6	45.5	145.	01.00	49.1	65.2	47.4	181.	04.00	49.4	51.5	48.9
110.	22.05	51.5	69.9	44.5	146.	01.05	48.9	60.0	47.6	182.	04.05	49.4	53.8	49.0
111.	22.10	50.3	65.1	45.9	147.	01.10	50.8	65.9	47.9	183.	04.10	50.7	66.9	49.1
112.	22.15	50.4	60.4	48.1	148.	01.15	53.6	68.4	47.6	184.	04.15	49.0	52.1	48.5
113.	22.20	50.9	67.7	48.3	149.	01.20	50.1	65.4	47.6	185.	04.20	49.1	51.2	48.6
114.	22.25	53.2	62.7	48.9	150.	01.25	49.9	62.6	47.7	186.	04.25	48.7	56.8	48.2
115.	22.30	49.8	58.2	48.7	151.	01.30	53.7	71.8	47.5	187.	04.30	49.0	63.3	48.3
116.	22.35	49.5	58.6	48.3	152.	01.35	48.1	57.8	47.1	188.	04.35	48.8	50.6	48.4
117.	22.40	52.0	69.2	49.6	153.	01.40	47.6	54.4	46.7	189.	04.40	49.6	51.9	49.1
118.	22.45	51.5	62.0	50.0	154.	01.45	51.1	65.5	47.0	190.	04.45	50.3	55.9	49.4
119.	22.50	52.1	63.8	50.6	155.	01.50	54.0	67.2	47.3	191.	04.50	49.9	55.0	49.3
120.	22.55	50.7	58.4	49.7	156.	01.55	49.4	66.0	46.9	192.	04.55	49.9	51.9	49.4
121.	23.00	51.5	66.9	49.3	157.	02.00	47.4	50.6	46.7	193.	05.00	49.7	57.8	49.1
122.	23.05	49.9	52.6	49.1	158.	02.05	48.0	62.7	46.4	194.	05.05	48.2	56.6	46.4
123.	23.10	50.0	57.6	49.2	159.	02.10	46.8	53.9	45.9	195.	05.10	47.4	50.2	46.5
124.	23.15	52.7	71.6	48.2	160.	02.15	53.5	69.3	46.2	196.	05.15	47.4	62.6	46.6
125.	23.20	49.9	66.0	47.5	161.	02.20	47.8	58.9	46.0	197.	05.20	47.9	57.4	46.8
126.	23.25	49.1	56.8	47.4	162.	02.25	49.3	54.6	46.5	198.	05.25	47.4	50.4	46.8
127.	23.30	49.0	55.6	47.5	163.	02.30	50.4	52.7	49.9	199.	05.30	47.7	52.0	46.9
128.	23.35	50.4	67.0	47.1	164.	02.35	50.7	66.8	49.9	200.	05.35	47.7	55.0	47.0
129.	23.40	48.4	54.5	47.2	165.	02.40	50.5	62.8	49.9	201.	05.40	47.3	63.0	46.4
130.	23.45	49.0	64.8	47.2	166.	02.45	50.3	55.0	49.8	202.	05.45	47.3	58.9	46.4
131.	23.50	48.7	55.3	46.9	167.	02.50	50.4	58.8	49.8	203.	05.50	47.2	50.0	46.5
132.	23.55	49.2	67.8	46.9	168.	02.55	50.4	57.0	49.9	204.	05.55	46.5	64.4	45.5
133.	00.00	49.3	63.3	47.4	169.	03.00	50.3	58.7	49.8	205.	06.00	47.1	58.2	45.5
134.	00.05	52.9	71.0	46.8	170.	03.05	50.3	55.3	49.8	206.	06.05	49.1	66.1	45.6
135.	00.10	49.3	60.1	47.2	171.	03.10	50.5	63.6	50.0	207.	06.10	46.9	58.9	45.6
136.	00.15	47.5	54.4	46.0	172.	03.15	51.1	62.1	50.0	208.	06.15	46.0	55.5	45.3
137.	00.20	48.7	61.5	46.6	173.	03.20	50.5	52.8	50.1	209.	06.20	49.0	66.6	45.6
138.	00.25	48.0	66.8	46.0	174.	03.25	50.6	52.2	50.1	210.	06.25	49.7	66.2	45.5
139.	00.30	48.7	61.6	46.1	175.	03.30	51.0	56.9	50.2	211.	06.30	49.6	65.4	45.6
140.	00.35	49.0	58.0	47.6	176.	03.35	50.5	54.3	49.9	212.	06.35	45.8	48.9	45.1
141.	00.40	51.3	64.3	48.3	177.	03.40	50.6	58.3	50.0	213.	06.40	46.2	50.3	45.4
142.	00.45	48.8	56.3	47.8	178.	03.45	50.0	61.8	49.5	214.	06.45	47.7	52.2	46.9
143.	00.50	48.5	51.8	47.5	179.	03.50	56.4	77.9	49.2	215.	06.50	47.7	55.2	47.0
144.	00.55	49.2	56.2	47.6	180.	03.55	50.3	64.6	49.0	216.	06.55	47.9	53.0	47.2

**TET**

Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(4/3-3)

ริมรั้วด้านหน้าโรงงาน														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		13-14/02/23					13-14/02/23					13-14/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
217.	07.00	48.0	53.7	47.3	241.	09.00	49.8	63.7	48.2	265.	11.00	54.7	64.9	49.2
218.	07.05	49.1	63.8	47.2	242.	09.05	55.4	74.9	48.5	266.	11.05	53.5	72.7	49.1
219.	07.10	47.8	56.0	47.0	243.	09.10	52.0	64.4	48.8	267.	11.10	54.8	71.2	48.7
220.	07.15	48.3	54.0	47.6	244.	09.15	49.3	53.4	48.6	268.	11.15	54.3	67.9	50.2
221.	07.20	48.2	50.4	47.4	245.	09.20	49.3	52.6	48.5	269.	11.20	55.6	70.5	50.2
222.	07.25	48.2	50.9	47.6	246.	09.25	49.8	61.9	48.7	270.	11.25	57.0	70.4	51.4
223.	07.30	48.3	51.0	47.6	247.	09.30	52.1	64.0	49.3	271.	11.30	56.9	70.9	51.9
224.	07.35	48.1	55.2	47.5	248.	09.35	49.4	53.6	48.7	272.	11.35	54.5	71.0	49.5
225.	07.40	48.3	56.0	47.6	249.	09.40	51.7	66.8	49.2	273.	11.40	56.1	77.2	49.8
226.	07.45	49.4	62.2	48.0	250.	09.45	50.6	63.4	48.9	274.	11.45	51.0	60.4	49.2
227.	07.50	49.0	55.4	47.9	251.	09.50	51.3	63.8	48.9	275.	11.50	59.0	76.3	49.7
228.	07.55	48.9	58.2	48.3	252.	09.55	51.8	69.4	49.4	276.	11.55	67.3	81.5	53.5
229.	08.00	49.0	51.5	48.3	253.	10.00	52.2	64.7	49.3	277.	12.00	53.9	67.7	49.0
230.	08.05	48.9	52.3	48.2	254.	10.05	54.6	72.0	49.0	278.	12.05	55.9	69.4	51.0
231.	08.10	51.4	63.8	48.4	255.	10.10	53.8	67.0	48.9	279.	12.10	54.5	72.6	50.8
232.	08.15	49.4	63.4	48.7	256.	10.15	54.4	68.2	49.0	280.	12.15	56.4	70.0	49.6
233.	08.20	49.6	51.6	49.0	257.	10.20	53.7	70.7	49.0	281.	12.20	57.9	72.0	52.7
234.	08.25	50.6	61.4	49.2	258.	10.25	52.1	70.7	48.0	282.	12.25	57.1	72.5	52.5
235.	08.30	49.0	51.8	48.4	259.	10.30	52.8	67.9	47.4	283.	12.30	58.4	71.0	52.9
236.	08.35	49.1	51.2	48.6	260.	10.35	52.9	68.6	47.5	284.	12.35	57.0	70.8	52.2
237.	08.40	49.1	55.2	48.3	261.	10.40	53.6	77.1	47.1	285.	12.40	55.3	64.3	51.5
238.	08.45	51.1	66.3	48.5	262.	10.45	54.9	72.9	48.2	286.	12.45	55.8	70.1	50.3
239.	08.50	51.4	63.8	48.3	263.	10.50	56.7	72.8	51.3	287.	12.50	53.8	72.1	49.9
240.	08.55	49.1	57.3	48.4	264.	10.55	55.6	73.9	50.8	288.	12.55	55.1	71.6	50.3

Wannasiri S.

Wannasiri Suriyawong

*Somchai P.*Somchai Piyavorasakul
General Manager



Thai Environmental Technic Limited

บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP
 Project : โครงการผลิตขวดทองแดงส่วนขยายครั้งที่ 1
 Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม
 อำเภอบางปะกง จังหวัดฉะเชิงเทรา
 Contact : Tel. (038)-573 231-5
 Job No. : S660063/Feb/1

Report No. : 0425/2023/5-7
 Report Date : February 24, 2023
 Sampling Date : February 10-17, 2023
 Type of Sample : Sound Level

(5/1-3)

ริมรั้วด้านหน้าโรงงาน

Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		14-15/02/23					14-15/02/23					14-15/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
1.	13.00	55.8	74.8	50.0	37.	16.00	56.3	72.3	50.0	73.	19.00	51.2	59.3	49.2
2.	13.05	55.3	74.1	49.6	38.	16.05	55.4	69.0	51.2	74.	19.05	51.7	63.1	47.3
3.	13.10	54.7	67.2	48.8	39.	16.10	59.2	74.8	51.5	75.	19.10	51.0	63.9	47.7
4.	13.15	56.4	72.7	50.4	40.	16.15	51.2	65.2	46.8	76.	19.15	57.1	73.4	47.4
5.	13.20	55.7	72.3	49.8	41.	16.20	52.1	61.3	48.8	77.	19.20	56.6	75.0	47.0
6.	13.25	57.2	80.1	53.1	42.	16.25	57.5	76.3	49.6	78.	19.25	59.5	72.5	51.0
7.	13.30	54.1	66.2	50.0	43.	16.30	52.0	64.5	49.3	79.	19.30	57.1	72.1	51.1
8.	13.35	53.0	61.3	49.9	44.	16.35	51.9	65.8	49.1	80.	19.35	54.5	69.4	50.6
9.	13.40	52.7	62.6	49.1	45.	16.40	51.8	62.4	48.0	81.	19.40	54.8	63.7	52.0
10.	13.45	53.6	69.6	48.4	46.	16.45	58.5	77.0	47.0	82.	19.45	53.4	63.4	50.5
11.	13.50	56.4	73.5	50.3	47.	16.50	51.6	68.8	45.4	83.	19.50	53.6	61.8	49.9
12.	13.55	54.7	73.2	50.4	48.	16.55	53.8	77.6	45.9	84.	19.55	55.4	67.2	51.5
13.	14.00	53.6	68.7	50.4	49.	17.00	66.5	88.5	46.5	85.	20.00	60.6	81.0	51.5
14.	14.05	66.3	89.7	49.4	50.	17.05	51.0	67.6	47.6	86.	20.05	55.7	71.9	52.2
15.	14.10	58.0	74.7	50.3	51.	17.10	46.9	58.4	45.2	87.	20.10	55.3	64.5	51.8
16.	14.15	58.5	75.5	49.9	52.	17.15	47.7	58.6	45.2	88.	20.15	53.5	62.7	51.2
17.	14.20	53.8	67.0	49.4	53.	17.20	53.2	68.7	47.5	89.	20.20	55.6	65.5	52.5
18.	14.25	58.2	74.7	52.2	54.	17.25	50.1	69.8	46.5	90.	20.25	55.9	70.8	52.3
19.	14.30	58.7	73.6	51.7	55.	17.30	54.1	70.6	46.0	91.	20.30	54.1	65.0	51.6
20.	14.35	57.1	71.2	52.5	56.	17.35	53.3	73.8	45.4	92.	20.35	55.5	64.6	51.9
21.	14.40	55.6	66.9	51.0	57.	17.40	50.2	59.0	46.5	93.	20.40	56.6	67.8	52.5
22.	14.45	57.8	73.6	51.3	58.	17.45	55.6	70.6	48.5	94.	20.45	56.1	68.8	52.3
23.	14.50	59.9	76.0	52.3	59.	17.50	62.5	82.0	46.5	95.	20.50	53.4	65.3	49.4
24.	14.55	58.5	74.2	54.7	60.	17.55	51.2	66.3	47.1	96.	20.55	57.8	73.5	51.7
25.	15.00	57.1	67.4	54.6	61.	18.00	50.5	63.4	46.3	97.	21.00	56.4	65.6	53.9
26.	15.05	58.9	69.4	54.5	62.	18.05	49.7	60.7	45.7	98.	21.05	54.5	63.4	51.0
27.	15.10	59.1	72.9	53.8	63.	18.10	52.9	65.9	49.1	99.	21.10	55.8	70.1	51.5
28.	15.15	57.5	66.6	55.2	64.	18.15	52.6	63.6	49.8	100.	21.15	58.4	76.2	52.1
29.	15.20	56.6	67.0	52.3	65.	18.20	51.6	61.0	48.6	101.	21.20	58.7	76.1	52.5
30.	15.25	58.4	71.0	54.1	66.	18.25	51.9	73.0	48.2	102.	21.25	55.3	65.9	50.4
31.	15.30	58.8	77.4	56.1	67.	18.30	50.8	64.0	48.3	103.	21.30	54.2	64.3	51.4
32.	15.35	57.2	67.2	53.8	68.	18.35	54.7	68.9	48.7	104.	21.35	56.9	68.5	52.1
33.	15.40	56.4	66.8	53.2	69.	18.40	59.6	76.0	47.8	105.	21.40	66.7	93.0	52.2
34.	15.45	57.2	66.7	51.1	70.	18.45	50.1	61.7	47.0	106.	21.45	56.0	68.6	51.7
35.	15.50	53.5	62.7	50.1	71.	18.50	52.3	68.4	47.5	107.	21.50	57.7	74.8	50.5
36.	15.55	56.3	66.2	51.6	72.	18.55	51.2	60.3	47.2	108.	21.55	55.8	67.6	51.7



Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(5/2-3)

ริมรั้วด้านหน้าโรงงาน														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		14-15/02/23					14-15/02/23					14-15/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
109.	22.00	55.1	67.3	51.9	145.	01.00	46.6	50.8	46.1	181.	04.00	49.4	65.2	44.8
110.	22.05	53.0	66.6	49.6	146.	01.05	49.1	62.6	45.8	182.	04.05	49.3	63.2	45.4
111.	22.10	52.9	66.6	49.2	147.	01.10	47.5	60.6	45.8	183.	04.10	46.7	51.6	45.4
112.	22.15	53.3	60.1	51.2	148.	01.15	47.2	59.4	45.6	184.	04.15	46.3	62.3	45.1
113.	22.20	53.2	68.4	50.3	149.	01.20	48.9	61.9	46.4	185.	04.20	47.5	66.5	46.2
114.	22.25	51.2	61.2	49.4	150.	01.25	47.1	62.5	45.9	186.	04.25	46.6	52.1	45.7
115.	22.30	50.4	56.1	48.6	151.	01.30	49.0	64.2	45.7	187.	04.30	46.6	56.7	45.6
116.	22.35	53.0	66.8	48.8	152.	01.35	46.7	55.4	45.7	188.	04.35	46.5	51.9	45.4
117.	22.40	48.9	68.3	47.5	153.	01.40	47.1	52.4	45.5	189.	04.40	46.0	51.0	45.2
118.	22.45	50.1	65.6	47.1	154.	01.45	47.8	59.1	45.9	190.	04.45	48.0	58.6	45.3
119.	22.50	50.0	58.4	48.0	155.	01.50	48.5	54.5	47.8	191.	04.50	47.4	58.2	45.0
120.	22.55	54.1	74.5	47.5	156.	01.55	48.5	55.5	48.0	192.	04.55	49.1	64.9	44.4
121.	23.00	48.9	61.5	47.0	157.	02.00	49.5	64.1	47.5	193.	05.00	48.0	66.7	44.1
122.	23.05	48.4	62.6	46.8	158.	02.05	48.8	52.2	48.2	194.	05.05	46.3	61.6	44.5
123.	23.10	47.7	57.8	46.3	159.	02.10	47.5	53.8	45.2	195.	05.10	46.8	60.7	44.5
124.	23.15	48.2	60.7	46.5	160.	02.15	45.7	48.8	45.1	196.	05.15	45.7	60.0	44.5
125.	23.20	47.4	55.1	46.5	161.	02.20	49.4	63.5	45.5	197.	05.20	45.5	51.6	44.9
126.	23.25	48.1	56.0	46.4	162.	02.25	46.0	49.3	45.6	198.	05.25	45.4	54.5	44.9
127.	23.30	50.6	70.1	46.7	163.	02.30	46.2	61.7	45.0	199.	05.30	45.9	65.2	45.0
128.	23.35	51.8	67.3	47.0	164.	02.35	46.1	65.5	45.0	200.	05.35	46.1	57.0	45.2
129.	23.40	48.4	57.7	47.0	165.	02.40	51.6	68.2	45.4	201.	05.40	46.3	50.9	45.6
130.	23.45	48.2	57.1	46.7	166.	02.45	52.6	68.9	45.0	202.	05.45	46.6	62.6	45.5
131.	23.50	49.1	62.7	46.9	167.	02.50	46.1	58.4	45.0	203.	05.50	49.2	63.6	46.3
132.	23.55	48.1	59.5	46.2	168.	02.55	45.0	52.2	44.1	204.	05.55	49.4	62.1	46.0
133.	00.00	49.2	61.7	46.9	169.	03.00	45.9	54.2	44.3	205.	06.00	47.9	61.2	46.0
134.	00.05	48.6	56.6	46.9	170.	03.05	47.8	64.2	44.5	206.	06.05	48.3	52.5	47.4
135.	00.10	48.2	62.4	47.1	171.	03.10	51.1	67.6	45.2	207.	06.10	49.2	64.0	47.8
136.	00.15	50.9	63.4	46.5	172.	03.15	46.5	54.2	45.0	208.	06.15	48.8	54.5	48.0
137.	00.20	49.8	63.0	46.9	173.	03.20	48.8	57.9	45.7	209.	06.20	47.9	50.3	47.5
138.	00.25	51.6	72.3	46.0	174.	03.25	48.7	57.5	45.8	210.	06.25	48.7	52.2	47.6
139.	00.30	49.2	65.5	46.3	175.	03.30	46.5	52.3	45.2	211.	06.30	48.7	54.7	47.9
140.	00.35	48.2	62.9	46.1	176.	03.35	49.0	64.9	44.8	212.	06.35	49.6	58.5	48.0
141.	00.40	51.1	66.9	46.2	177.	03.40	56.2	74.4	45.8	213.	06.40	50.0	66.1	47.9
142.	00.45	48.4	61.5	46.2	178.	03.45	49.1	63.4	45.4	214.	06.45	48.8	53.4	47.9
143.	00.50	49.0	61.4	46.8	179.	03.50	48.1	71.2	45.3	215.	06.50	48.8	52.2	48.1
144.	00.55	48.1	64.3	46.2	180.	03.55	47.4	57.7	45.2	216.	06.55	48.5	51.4	47.8



Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(5/3-3)

ริมรั้วด้านหน้าโรงงาน														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		14-15/02/23					14-15/02/23					14-15/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
217.	07.00	48.8	60.0	48.2	241.	09.00	50.1	63.4	47.3	265.	11.00	52.4	65.2	48.4
218.	07.05	49.5	55.9	48.2	242.	09.05	50.9	63.9	47.9	266.	11.05	56.0	81.2	48.9
219.	07.10	48.6	52.3	47.8	243.	09.10	51.3	64.1	47.9	267.	11.10	68.1	90.1	50.9
220.	07.15	48.4	52.3	47.8	244.	09.15	50.1	63.6	47.9	268.	11.15	57.9	70.1	49.9
221.	07.20	48.3	52.1	47.6	245.	09.20	49.7	64.6	48.1	269.	11.20	55.7	76.5	48.0
222.	07.25	48.4	66.3	47.5	246.	09.25	49.7	63.9	48.0	270.	11.25	66.0	84.4	50.1
223.	07.30	48.2	56.0	47.5	247.	09.30	52.9	69.5	48.2	271.	11.30	59.9	80.5	50.0
224.	07.35	47.8	59.6	46.7	248.	09.35	51.8	64.6	48.4	272.	11.35	63.3	84.1	52.0
225.	07.40	47.5	51.8	46.7	249.	09.40	51.3	64.6	48.2	273.	11.40	56.2	72.1	51.0
226.	07.45	47.6	50.8	46.8	250.	09.45	49.5	64.3	48.0	274.	11.45	54.4	68.1	50.5
227.	07.50	47.8	54.5	47.1	251.	09.50	52.1	65.3	48.1	275.	11.50	53.6	68.5	49.7
228.	07.55	48.5	62.2	47.3	252.	09.55	51.3	64.0	48.1	276.	11.55	55.0	70.5	50.6
229.	08.00	50.8	62.9	47.8	253.	10.00	51.5	64.4	48.2	277.	12.00	58.5	75.4	51.5
230.	08.05	48.6	51.3	48.0	254.	10.05	52.9	66.9	48.1	278.	12.05	53.5	69.8	49.5
231.	08.10	48.6	51.4	47.9	255.	10.10	51.8	64.9	47.7	279.	12.10	52.8	65.0	49.4
232.	08.15	49.0	53.2	48.2	256.	10.15	54.4	66.4	47.8	280.	12.15	55.2	71.7	49.4
233.	08.20	49.1	52.0	48.3	257.	10.20	51.3	65.1	47.7	281.	12.20	55.9	73.2	50.0
234.	08.25	49.0	53.0	48.3	258.	10.25	53.7	66.5	46.8	282.	12.25	50.5	66.5	47.9
235.	08.30	50.0	62.6	48.6	259.	10.30	57.2	75.3	48.2	283.	12.30	54.4	71.4	48.9
236.	08.35	50.5	63.0	48.4	260.	10.35	56.0	70.8	47.3	284.	12.35	55.8	73.1	48.9
237.	08.40	50.2	62.3	48.6	261.	10.40	52.6	69.1	47.3	285.	12.40	59.5	73.4	53.7
238.	08.45	50.1	63.2	48.3	262.	10.45	56.5	73.6	49.7	286.	12.45	59.5	77.5	52.1
239.	08.50	49.9	63.3	47.4	263.	10.50	54.8	71.9	48.9	287.	12.50	53.6	66.3	48.9
240.	08.55	49.7	64.1	47.1	264.	10.55	52.6	69.0	47.1	288.	12.55	60.0	83.5	50.0

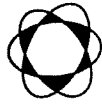
Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager

**TET**

Thai Environmental Technic Limited

บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ไทยเมทัลโปรดิวเซอร์ จำกัด/TMP
 Project : โครงการผลิตขวดทองแดงส่วนขยายครั้งที่ 1
 Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม
 อำเภอบางปะกง จังหวัดฉะเชิงเทรา
 Contact : Tel. (038)-573 231-5
 Job No. : S660063/Feb/1

Report No. : 0425/2023/6-7
 Report Date : February 24, 2023
 Sampling Date : February 10-17, 2023
 Type of Sample : Sound Level

(6/1-3)

ริมรั้วด้านหน้าโรงงาน														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		15-16/02/23					15-16/02/23					15-16/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
1.	13.00	65.3	87.2	50.5	37.	16.00	50.4	65.6	46.4	73.	19.00	51.8	60.0	49.7
2.	13.05	65.4	88.3	50.6	38.	16.05	49.1	65.7	45.9	74.	19.05	52.7	63.8	49.2
3.	13.10	60.1	81.0	48.2	39.	16.10	48.8	58.2	46.4	75.	19.10	53.1	64.0	49.9
4.	13.15	54.7	79.8	48.5	40.	16.15	49.6	65.3	46.6	76.	19.15	50.9	61.3	48.4
5.	13.20	58.6	77.5	49.4	41.	16.20	47.5	60.4	45.5	77.	19.20	54.4	64.6	48.5
6.	13.25	63.6	82.2	50.7	42.	16.25	54.5	72.8	46.7	78.	19.25	59.0	66.1	56.2
7.	13.30	60.9	79.6	48.2	43.	16.30	64.0	77.8	50.3	79.	19.30	60.2	68.8	57.8
8.	13.35	58.6	81.0	49.6	44.	16.35	54.2	71.8	47.3	80.	19.35	60.5	68.4	57.0
9.	13.40	59.8	77.9	49.1	45.	16.40	50.3	62.6	46.2	81.	19.40	60.4	68.1	58.1
10.	13.45	58.0	74.8	49.4	46.	16.45	54.8	74.8	46.1	82.	19.45	58.8	67.3	54.2
11.	13.50	51.9	68.7	46.8	47.	16.50	48.4	64.3	46.6	83.	19.50	59.6	67.2	56.5
12.	13.55	51.9	68.7	45.7	48.	16.55	51.3	73.2	47.1	84.	19.55	56.6	66.4	50.1
13.	14.00	52.5	66.7	48.0	49.	17.00	50.8	65.9	47.6	85.	20.00	53.1	61.0	49.0
14.	14.05	53.3	72.2	49.2	50.	17.05	52.2	66.0	48.3	86.	20.05	54.8	79.9	48.5
15.	14.10	55.1	76.5	47.3	51.	17.10	51.0	63.8	48.0	87.	20.10	51.8	70.3	49.4
16.	14.15	56.8	78.2	48.8	52.	17.15	51.2	63.9	47.4	88.	20.15	49.3	60.6	48.0
17.	14.20	51.2	60.8	48.0	53.	17.20	57.2	74.8	48.5	89.	20.20	49.9	59.3	48.4
18.	14.25	58.7	75.8	48.9	54.	17.25	51.2	72.9	47.2	90.	20.25	49.1	58.6	47.7
19.	14.30	58.3	77.7	49.6	55.	17.30	54.8	79.0	46.7	91.	20.30	55.7	81.0	49.0
20.	14.35	51.9	66.5	48.5	56.	17.35	54.8	80.9	47.3	92.	20.35	50.6	68.1	49.2
21.	14.40	55.7	73.6	49.3	57.	17.40	53.8	71.9	48.5	93.	20.40	51.0	59.1	49.8
22.	14.45	57.9	74.0	49.3	58.	17.45	67.3	84.2	51.5	94.	20.45	51.1	55.7	49.7
23.	14.50	54.6	68.5	48.3	59.	17.50	64.1	83.4	51.1	95.	20.50	50.6	54.8	49.7
24.	14.55	57.7	77.5	46.4	60.	17.55	54.8	71.2	51.4	96.	20.55	50.1	54.9	48.1
25.	15.00	49.6	61.0	47.5	61.	18.00	64.5	80.7	53.1	97.	21.00	50.4	59.4	49.3
26.	15.05	49.4	62.9	47.6	62.	18.05	64.9	86.2	52.3	98.	21.05	61.9	81.0	49.7
27.	15.10	50.1	60.4	46.7	63.	18.10	57.7	77.9	51.8	99.	21.10	51.1	66.7	50.0
28.	15.15	49.7	61.3	46.4	64.	18.15	54.3	72.3	50.2	100.	21.15	62.2	88.4	49.4
29.	15.20	49.3	65.1	43.0	65.	18.20	51.3	67.8	49.1	101.	21.20	51.1	74.0	49.2
30.	15.25	44.7	54.4	42.6	66.	18.25	52.0	69.3	49.0	102.	21.25	49.8	53.8	49.2
31.	15.30	47.0	57.4	44.6	67.	18.30	51.4	57.2	49.2	103.	21.30	52.0	61.4	49.5
32.	15.35	47.3	59.9	44.4	68.	18.35	51.1	59.9	49.2	104.	21.35	51.9	60.2	50.0
33.	15.40	49.1	60.4	46.4	69.	18.40	50.0	56.0	48.4	105.	21.40	51.3	69.5	49.2
34.	15.45	47.6	61.4	43.8	70.	18.45	51.6	64.5	49.7	106.	21.45	49.3	52.8	48.4
35.	15.50	46.1	72.1	43.6	71.	18.50	51.1	62.1	49.4	107.	21.50	49.7	55.8	48.6
36.	15.55	52.8	71.7	45.0	72.	18.55	55.5	66.7	49.5	108.	21.55	49.9	55.1	48.6



Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(6/2-3)

ริมรั้วด้านหน้าโรงงาน														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		15-16/02/23					15-16/02/23					15-16/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
109.	22.00	49.4	53.0	48.1	145.	01.00	49.6	53.1	48.4	181.	04.00	49.9	54.2	48.8
110.	22.05	49.5	53.7	48.6	146.	01.05	49.0	55.1	47.7	182.	04.05	50.7	71.8	48.8
111.	22.10	49.2	55.0	47.5	147.	01.10	51.3	63.6	48.0	183.	04.10	49.8	55.8	48.0
112.	22.15	65.6	82.6	48.3	148.	01.15	49.7	53.8	48.5	184.	04.15	50.5	54.9	49.2
113.	22.20	50.3	66.8	48.1	149.	01.20	48.8	55.0	47.7	185.	04.20	51.1	55.8	49.6
114.	22.25	61.8	88.6	48.2	150.	01.25	58.7	80.3	47.9	186.	04.25	51.3	64.9	49.6
115.	22.30	48.7	54.0	47.6	151.	01.30	49.0	65.8	46.7	187.	04.30	51.1	67.4	49.1
116.	22.35	48.4	50.9	47.6	152.	01.35	49.4	53.1	48.0	188.	04.35	50.8	55.7	49.4
117.	22.40	48.3	52.6	47.6	153.	01.40	56.2	76.5	48.0	189.	04.40	50.1	57.9	47.8
118.	22.45	49.1	60.3	47.3	154.	01.45	64.9	81.8	48.4	190.	04.45	48.9	55.1	47.1
119.	22.50	63.8	91.7	49.4	155.	01.50	49.7	53.6	48.2	191.	04.50	49.9	57.9	47.6
120.	22.55	49.0	58.7	47.6	156.	01.55	48.8	52.5	47.8	192.	04.55	51.3	58.0	49.6
121.	23.00	54.0	79.1	47.7	157.	02.00	52.5	77.1	47.7	193.	05.00	49.7	54.2	48.3
122.	23.05	47.7	65.1	46.4	158.	02.05	49.3	53.5	48.2	194.	05.05	52.2	63.4	48.9
123.	23.10	49.2	59.8	47.5	159.	02.10	49.7	54.2	48.5	195.	05.10	51.0	55.1	49.2
124.	23.15	48.9	58.6	46.9	160.	02.15	49.2	55.6	47.7	196.	05.15	51.7	56.7	49.8
125.	23.20	48.1	52.0	46.9	161.	02.20	49.1	53.2	47.6	197.	05.20	56.0	62.6	51.7
126.	23.25	48.5	58.1	47.6	162.	02.25	53.4	76.5	47.7	198.	05.25	57.0	60.9	55.1
127.	23.30	48.3	52.9	47.2	163.	02.30	51.1	58.1	48.9	199.	05.30	53.7	58.8	52.4
128.	23.35	48.1	53.6	46.8	164.	02.35	56.0	73.3	48.5	200.	05.35	52.3	62.7	50.8
129.	23.40	48.7	69.7	47.3	165.	02.40	49.6	55.1	48.3	201.	05.40	53.2	65.9	51.2
130.	23.45	49.4	57.0	48.1	166.	02.45	48.4	51.4	47.4	202.	05.45	55.7	71.6	50.4
131.	23.50	48.3	51.9	47.3	167.	02.50	48.7	53.5	47.5	203.	05.50	54.3	71.2	50.9
132.	23.55	48.1	54.5	46.8	168.	02.55	49.2	53.5	47.7	204.	05.55	53.7	72.2	51.2
133.	00.00	50.0	56.9	48.2	169.	03.00	51.1	74.7	48.0	205.	06.00	53.9	58.3	52.1
134.	00.05	48.4	52.0	47.0	170.	03.05	49.9	56.6	48.6	206.	06.05	53.6	59.9	52.4
135.	00.10	48.9	54.0	47.9	171.	03.10	49.3	52.9	48.0	207.	06.10	52.3	61.3	50.2
136.	00.15	48.4	53.3	47.1	172.	03.15	49.0	52.6	48.1	208.	06.15	52.6	64.9	49.8
137.	00.20	49.1	53.5	47.7	173.	03.20	48.6	51.7	47.7	209.	06.20	51.2	63.5	48.6
138.	00.25	55.3	74.4	48.9	174.	03.25	49.1	60.2	47.6	210.	06.25	51.3	63.2	48.6
139.	00.30	52.3	72.9	49.8	175.	03.30	55.3	78.4	47.5	211.	06.30	50.1	63.5	47.6
140.	00.35	66.2	80.8	54.8	176.	03.35	49.1	53.4	48.1	212.	06.35	50.2	57.8	49.1
141.	00.40	67.5	82.0	56.0	177.	03.40	49.9	54.5	48.7	213.	06.40	51.2	61.5	48.8
142.	00.45	64.4	84.3	50.4	178.	03.45	51.3	62.6	48.8	214.	06.45	52.7	64.3	48.7
143.	00.50	58.2	80.4	49.2	179.	03.50	50.0	55.8	48.6	215.	06.50	51.5	62.4	48.6
144.	00.55	51.6	73.5	49.6	180.	03.55	49.7	54.4	48.4	216.	06.55	50.6	62.4	47.5



Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(6/3-3)

ริมรั้วด้านหน้าโรงงาน														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		15-16/02/23					15-16/02/23					15-16/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
217.	07.00	53.6	71.7	49.6	241.	09.00	50.9	60.7	49.5	265.	11.00	58.7	76.4	48.6
218.	07.05	52.3	64.6	48.9	242.	09.05	50.4	61.9	48.8	266.	11.05	58.1	79.1	49.7
219.	07.10	51.7	63.5	49.0	243.	09.10	51.6	67.3	47.9	267.	11.10	50.8	60.5	49.0
220.	07.15	51.7	63.1	49.2	244.	09.15	51.5	60.6	48.4	268.	11.15	55.7	59.7	50.3
221.	07.20	52.0	65.2	49.0	245.	09.20	57.1	77.7	49.0	269.	11.20	59.2	66.1	58.2
222.	07.25	54.6	63.0	52.4	246.	09.25	50.3	64.5	47.9	270.	11.25	58.5	65.4	56.7
223.	07.30	51.7	63.8	46.5	247.	09.30	52.6	64.2	49.6	271.	11.30	59.2	72.7	56.4
224.	07.35	53.7	71.6	48.4	248.	09.35	51.5	62.5	49.9	272.	11.35	59.1	62.9	56.7
225.	07.40	66.6	87.4	48.3	249.	09.40	53.3	73.9	49.3	273.	11.40	58.5	61.9	57.2
226.	07.45	61.0	84.8	50.2	250.	09.45	54.2	67.1	49.5	274.	11.45	55.2	62.3	53.9
227.	07.50	60.4	82.3	50.5	251.	09.50	57.4	75.2	49.8	275.	11.50	58.8	63.4	57.5
228.	07.55	64.9	86.6	53.1	252.	09.55	52.2	61.6	50.3	276.	11.55	55.7	63.0	54.0
229.	08.00	53.4	67.6	49.9	253.	10.00	52.5	65.2	49.7	277.	12.00	57.4	78.8	49.6
230.	08.05	57.2	73.5	51.6	254.	10.05	52.3	69.1	49.0	278.	12.05	53.7	61.2	52.9
231.	08.10	56.4	73.2	51.8	255.	10.10	56.3	73.5	49.5	279.	12.10	59.0	75.3	52.7
232.	08.15	57.9	65.5	52.1	256.	10.15	52.0	70.9	48.5	280.	12.15	56.9	74.2	55.6
233.	08.20	59.3	69.0	57.3	257.	10.20	55.5	80.3	48.1	281.	12.20	56.7	74.4	53.0
234.	08.25	57.8	67.4	51.3	258.	10.25	50.6	59.3	48.7	282.	12.25	59.7	78.2	51.5
235.	08.30	59.3	79.4	50.1	259.	10.30	50.8	58.1	49.2	283.	12.30	60.2	85.7	50.6
236.	08.35	61.3	80.2	50.9	260.	10.35	51.7	68.7	48.3	284.	12.35	58.4	80.7	51.0
237.	08.40	57.6	77.5	51.9	261.	10.40	52.3	62.8	49.9	285.	12.40	52.5	66.0	50.5
238.	08.45	54.7	65.0	50.6	262.	10.45	55.4	75.8	50.2	286.	12.45	54.3	71.6	51.1
239.	08.50	60.1	80.5	51.5	263.	10.50	58.7	82.3	49.1	287.	12.50	56.2	69.6	52.1
240.	08.55	53.5	63.7	51.8	264.	10.55	54.6	75.4	49.7	288.	12.55	58.3	70.2	54.7

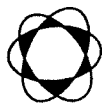
Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager



Thai Environmental Technic Limited

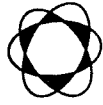
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP
 Project : โครงการผลิตขวดทองแดงส่วนขยายครั้งที่ 1
 Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม
 อำเภอบางปะกง จังหวัดฉะเชิงเทรา
 Contact : Tel. (038)-573 231-5
 Job No. : S660063/Feb/1

Report No. : 0425/2023/7-7
 Report Date : February 24, 2023
 Sampling Date : February 10-17, 2023
 Type of Sample : Sound Level

(7/1-3)

ริมรั้วด้านหน้าโรงงาน														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		16-17/02/23					16-17/02/23					16-17/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
1.	13.00	56.3	73.8	47.5	37.	16.00	53.4	62.5	51.0	73.	19.00	66.3	74.5	62.8
2.	13.05	53.4	68.3	47.9	38.	16.05	52.3	62.7	48.6	74.	19.05	54.7	72.2	43.1
3.	13.10	54.7	63.8	52.1	39.	16.10	50.7	59.0	48.6	75.	19.10	46.7	63.5	44.3
4.	13.15	55.4	70.8	52.7	40.	16.15	50.4	60.8	47.8	76.	19.15	48.1	62.1	44.4
5.	13.20	57.0	75.1	49.7	41.	16.20	51.4	63.3	48.4	77.	19.20	49.0	62.8	44.7
6.	13.25	57.2	72.3	50.4	42.	16.25	50.9	58.8	48.6	78.	19.25	50.6	63.8	45.8
7.	13.30	56.1	68.1	50.2	43.	16.30	53.8	61.9	51.8	79.	19.30	48.9	60.4	44.6
8.	13.35	56.5	64.3	53.6	44.	16.35	54.8	71.6	51.1	80.	19.35	48.4	60.8	44.8
9.	13.40	52.5	64.1	49.0	45.	16.40	53.0	68.3	48.8	81.	19.40	47.4	61.5	42.7
10.	13.45	51.6	59.7	46.9	46.	16.45	53.1	62.6	50.2	82.	19.45	46.3	56.8	44.8
11.	13.50	48.7	59.8	45.2	47.	16.50	58.5	75.2	51.4	83.	19.50	47.4	60.6	44.6
12.	13.55	58.6	77.6	49.6	48.	16.55	57.4	72.6	51.2	84.	19.55	47.8	63.1	44.8
13.	14.00	52.7	67.1	48.2	49.	17.00	60.6	75.5	51.2	85.	20.00	51.3	77.8	45.0
14.	14.05	49.1	60.1	47.3	50.	17.05	54.4	65.9	51.7	86.	20.05	48.7	59.0	44.1
15.	14.10	51.2	66.4	48.7	51.	17.10	56.4	71.2	52.6	87.	20.10	45.0	52.4	43.8
16.	14.15	51.9	62.1	49.3	52.	17.15	58.2	72.7	51.9	88.	20.15	45.4	56.3	43.6
17.	14.20	51.4	64.5	48.5	53.	17.20	54.3	68.0	50.4	89.	20.20	49.1	64.3	44.2
18.	14.25	56.3	69.2	50.3	54.	17.25	52.1	66.5	47.4	90.	20.25	48.1	66.7	44.2
19.	14.30	54.2	72.1	45.4	55.	17.30	54.0	67.0	47.6	91.	20.30	44.8	55.3	43.8
20.	14.35	50.9	63.0	46.0	56.	17.35	57.1	74.6	52.1	92.	20.35	45.5	52.5	43.7
21.	14.40	49.2	65.9	45.0	57.	17.40	54.2	64.2	49.7	93.	20.40	45.5	57.6	44.3
22.	14.45	53.7	68.0	45.6	58.	17.45	62.2	82.5	55.0	94.	20.45	45.6	54.8	44.2
23.	14.50	63.9	85.4	48.8	59.	17.50	61.4	81.4	51.8	95.	20.50	46.5	59.1	44.6
24.	14.55	58.8	78.8	44.6	60.	17.55	55.7	79.3	45.9	96.	20.55	46.4	54.2	45.2
25.	15.00	57.2	80.1	45.4	61.	18.00	50.6	64.0	47.2	97.	21.00	46.1	54.6	45.1
26.	15.05	55.5	78.7	44.9	62.	18.05	54.9	74.9	47.0	98.	21.05	46.2	52.3	45.5
27.	15.10	48.4	59.7	44.6	63.	18.10	57.5	75.3	46.3	99.	21.10	46.2	53.8	45.6
28.	15.15	48.5	56.4	46.0	64.	18.15	53.5	73.3	46.4	100.	21.15	46.1	50.9	45.3
29.	15.20	48.7	57.0	45.7	65.	18.20	54.4	75.6	45.2	101.	21.20	47.1	60.3	45.6
30.	15.25	51.1	59.9	48.5	66.	18.25	59.9	75.4	47.8	102.	21.25	45.9	50.3	45.2
31.	15.30	52.9	78.0	47.9	67.	18.30	57.6	73.6	46.7	103.	21.30	45.8	50.0	45.4
32.	15.35	48.6	58.4	46.2	68.	18.35	56.4	77.9	45.2	104.	21.35	47.0	58.9	45.3
33.	15.40	48.9	59.3	46.5	69.	18.40	64.3	73.6	59.7	105.	21.40	49.1	70.2	46.4
34.	15.45	47.4	59.4	44.5	70.	18.45	65.8	74.3	62.3	106.	21.45	47.4	54.6	45.4
35.	15.50	48.5	62.9	45.0	71.	18.50	66.6	75.3	62.2	107.	21.50	47.9	58.8	46.0
36.	15.55	49.2	62.8	45.5	72.	18.55	66.2	75.2	63.4	108.	21.55	50.5	56.2	49.0



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บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(7/2-3)

ริมรั้วด้านหน้าโรงงาน														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		16-17/02/23					16-17/02/23					16-17/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
109.	22.00	58.1	85.9	48.3	145.	01.00	45.9	57.4	45.2	181.	04.00	57.8	81.6	47.5
110.	22.05	56.8	79.1	47.3	146.	01.05	46.6	53.9	45.5	182.	04.05	58.8	79.5	47.9
111.	22.10	48.2	57.6	46.7	147.	01.10	45.9	59.0	44.6	183.	04.10	47.5	57.3	47.0
112.	22.15	46.3	54.0	45.1	148.	01.15	45.4	56.7	44.4	184.	04.15	47.2	50.2	46.8
113.	22.20	47.8	57.3	46.2	149.	01.20	53.8	78.9	43.9	185.	04.20	48.0	49.8	47.7
114.	22.25	47.7	54.0	46.1	150.	01.25	45.1	50.0	44.3	186.	04.25	48.2	50.8	47.6
115.	22.30	48.1	53.2	46.7	151.	01.30	47.2	62.5	45.8	187.	04.30	47.7	54.4	47.2
116.	22.35	47.5	88.8	45.0	152.	01.35	66.7	88.4	46.6	188.	04.35	50.1	64.3	47.5
117.	22.40	46.8	54.8	45.8	153.	01.40	55.4	80.7	46.1	189.	04.40	47.9	63.7	45.1
118.	22.45	47.8	51.7	46.8	154.	01.45	53.8	80.2	49.4	190.	04.45	46.9	56.9	46.0
119.	22.50	49.1	53.4	47.9	155.	01.50	50.4	54.5	49.1	191.	04.50	47.7	57.8	46.7
120.	22.55	49.6	56.9	47.7	156.	01.55	48.9	75.5	47.7	192.	04.55	47.7	56.5	46.8
121.	23.00	48.3	58.8	46.8	157.	02.00	54.3	79.4	45.1	193.	05.00	47.8	51.1	46.8
122.	23.05	47.8	51.7	46.9	158.	02.05	45.4	53.1	44.2	194.	05.05	48.0	50.5	47.5
123.	23.10	48.6	53.3	47.6	159.	02.10	45.9	67.8	44.3	195.	05.10	49.8	64.0	47.1
124.	23.15	54.5	77.1	48.2	160.	02.15	45.3	50.1	44.8	196.	05.15	48.3	59.3	46.9
125.	23.20	50.7	70.9	47.6	161.	02.20	49.1	61.0	46.4	197.	05.20	48.0	53.0	47.3
126.	23.25	48.9	55.8	47.4	162.	02.25	50.8	59.9	49.7	198.	05.25	48.3	53.4	47.4
127.	23.30	61.8	82.8	48.8	163.	02.30	50.7	55.2	49.7	199.	05.30	48.0	56.1	46.9
128.	23.35	50.7	59.6	48.3	164.	02.35	50.5	61.8	48.7	200.	05.35	50.0	65.1	47.1
129.	23.40	51.8	61.7	49.5	165.	02.40	62.7	86.1	51.0	201.	05.40	55.4	66.9	47.4
130.	23.45	50.7	56.9	49.0	166.	02.45	58.7	79.2	50.6	202.	05.45	57.0	66.1	54.3
131.	23.50	56.6	80.4	48.6	167.	02.50	51.2	56.9	49.5	203.	05.50	55.8	65.4	53.0
132.	23.55	66.7	83.5	47.5	168.	02.55	49.7	53.1	48.8	204.	05.55	56.6	67.2	52.9
133.	00.00	47.7	52.6	46.9	169.	03.00	51.3	55.0	50.3	205.	06.00	56.4	65.0	53.4
134.	00.05	56.5	80.4	46.6	170.	03.05	51.9	55.9	50.4	206.	06.05	52.2	64.6	46.8
135.	00.10	48.6	73.7	46.3	171.	03.10	52.4	64.8	50.0	207.	06.10	48.5	62.4	44.1
136.	00.15	48.0	53.4	47.1	172.	03.15	51.2	64.0	49.1	208.	06.15	46.3	62.0	43.3
137.	00.20	49.7	54.8	48.5	173.	03.20	51.6	71.7	47.6	209.	06.20	49.6	65.2	43.2
138.	00.25	48.0	53.8	46.7	174.	03.25	49.2	54.8	45.5	210.	06.25	46.5	63.8	42.9
139.	00.30	62.0	80.5	46.5	175.	03.30	50.4	63.7	47.8	211.	06.30	45.4	58.1	43.1
140.	00.35	62.3	78.8	43.7	176.	03.35	49.6	68.1	48.5	212.	06.35	44.0	57.9	43.0
141.	00.40	58.4	79.2	43.9	177.	03.40	47.2	51.9	44.6	213.	06.40	46.8	61.3	43.3
142.	00.45	60.8	79.1	43.6	178.	03.45	52.4	71.8	47.9	214.	06.45	46.5	60.3	42.3
143.	00.50	46.1	51.8	44.3	179.	03.50	49.4	62.1	47.2	215.	06.50	51.9	67.4	42.4
144.	00.55	46.0	58.0	44.9	180.	03.55	48.2	62.1	46.2	216.	06.55	49.3	69.8	42.9

**TET**

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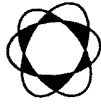
(7/3-3)

ริมรั้วด้านหน้าโรงงาน														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		16-17/02/23					16-17/02/23					16-17/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
217.	07.00	49.5	69.0	42.8	241.	09.00	57.7	73.2	49.6	265.	11.00	56.6	73.6	50.8
218.	07.05	46.9	61.2	43.1	242.	09.05	54.1	69.8	50.5	266.	11.05	62.5	78.3	53.0
219.	07.10	49.2	65.5	43.1	243.	09.10	54.9	74.5	51.2	267.	11.10	54.9	68.3	49.4
220.	07.15	47.9	64.8	43.1	244.	09.15	56.0	76.6	50.5	268.	11.15	55.0	68.6	50.5
221.	07.20	50.5	65.8	43.5	245.	09.20	58.2	75.9	50.6	269.	11.20	55.5	70.6	51.9
222.	07.25	52.2	65.7	44.2	246.	09.25	54.5	62.3	51.4	270.	11.25	57.6	73.5	50.4
223.	07.30	50.7	70.5	45.2	247.	09.30	57.4	69.9	54.7	271.	11.30	58.1	73.8	51.8
224.	07.35	47.5	61.3	43.9	248.	09.35	56.9	75.5	52.4	272.	11.35	56.3	68.5	51.9
225.	07.40	49.2	61.8	44.3	249.	09.40	57.7	77.0	52.0	273.	11.40	56.1	67.6	51.0
226.	07.45	57.7	75.4	49.4	250.	09.45	59.0	75.7	52.8	274.	11.45	54.2	65.8	51.1
227.	07.50	63.2	84.0	46.1	251.	09.50	58.6	75.7	52.5	275.	11.50	52.8	64.7	48.8
228.	07.55	46.8	59.1	44.8	252.	09.55	61.0	75.4	52.1	276.	11.55	52.9	67.9	48.9
229.	08.00	51.4	72.0	44.3	253.	10.00	55.4	68.2	52.4	277.	12.00	52.2	63.7	48.4
230.	08.05	45.7	59.7	43.8	254.	10.05	57.7	67.5	55.0	278.	12.05	52.5	65.5	46.3
231.	08.10	62.4	79.3	45.4	255.	10.10	57.2	74.5	53.3	279.	12.10	50.2	64.4	47.2
232.	08.15	61.2	78.8	47.5	256.	10.15	62.4	86.3	54.0	280.	12.15	52.3	63.7	50.3
233.	08.20	61.6	79.5	48.4	257.	10.20	59.4	74.8	53.1	281.	12.20	53.2	65.4	50.3
234.	08.25	51.7	65.3	48.2	258.	10.25	64.9	85.4	51.9	282.	12.25	49.0	60.4	46.6
235.	08.30	53.5	64.4	49.9	259.	10.30	57.8	79.2	52.0	283.	12.30	48.1	58.7	46.4
236.	08.35	52.5	65.1	48.2	260.	10.35	53.1	64.8	50.6	284.	12.35	49.6	58.8	46.9
237.	08.40	50.0	64.9	47.6	261.	10.40	57.3	74.0	51.0	285.	12.40	50.5	67.7	49.3
238.	08.45	57.2	77.6	49.4	262.	10.45	61.2	81.1	50.8	286.	12.45	52.0	71.6	49.6
239.	08.50	51.5	66.5	48.0	263.	10.50	54.9	67.4	51.2	287.	12.50	50.5	59.8	49.3
240.	08.55	54.3	70.6	49.8	264.	10.55	56.0	71.2	50.9	288.	12.55	54.8	73.0	47.7

Wannasiri S.

Wannasiri Suriyawong

*Somchai P.*Somchai Piyavorasakul
General Manager



Thai Environmental Technic Limited

บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP
 Project : โครงการผลิตขวดทองแดงส่วนขยายครั้งที่ 1
 Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม
 อำเภอบางปะกง จังหวัดฉะเชิงเทรา
 Contact : Tel. (038)-573 231-5
 Job No. : S660063/Feb/1

Report No. : 0425/2023/1-7
 Report Date : February 24, 2023
 Sampling Date : February 10-17, 2023
 Type of Sample : Sound Level

(1/1-3)

ริมรั้วหลังโรงงาน														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		10-11/02/23					10-11/02/23					10-11/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
1.	13.00	67.6	71.4	66.9	37.	16.00	67.9	71.3	67.3	73.	19.00	47.3	53.7	46.4
2.	13.05	67.6	69.8	66.9	38.	16.05	67.8	70.0	67.3	74.	19.05	47.7	55.9	46.2
3.	13.10	67.6	70.7	67.0	39.	16.10	67.9	70.6	67.3	75.	19.10	47.8	54.5	46.5
4.	13.15	67.6	72.7	67.0	40.	16.15	67.8	73.9	67.3	76.	19.15	47.2	55.2	46.4
5.	13.20	67.5	70.6	67.0	41.	16.20	67.8	70.4	67.3	77.	19.20	47.1	51.5	46.5
6.	13.25	67.5	69.8	66.9	42.	16.25	67.9	73.6	67.3	78.	19.25	47.4	54.9	46.5
7.	13.30	67.5	70.4	66.9	43.	16.30	67.9	72.9	67.3	79.	19.30	48.5	59.6	46.2
8.	13.35	67.4	69.5	66.8	44.	16.35	68.1	76.2	67.2	80.	19.35	47.4	58.0	46.3
9.	13.40	67.3	68.9	66.8	45.	16.40	67.7	75.7	67.1	81.	19.40	47.3	56.3	46.5
10.	13.45	67.5	69.9	66.9	46.	16.45	67.6	71.6	67.1	82.	19.45	48.5	55.2	46.7
11.	13.50	67.6	69.9	67.0	47.	16.50	67.7	70.2	67.1	83.	19.50	47.7	54.4	46.3
12.	13.55	67.6	69.2	67.1	48.	16.55	67.8	75.5	67.2	84.	19.55	45.8	57.0	44.3
13.	14.00	67.5	69.4	67.0	49.	17.00	67.6	69.2	67.1	85.	20.00	46.0	58.5	44.3
14.	14.05	67.5	69.6	66.9	50.	17.05	67.6	69.2	67.1	86.	20.05	48.2	71.5	44.7
15.	14.10	67.5	70.5	66.9	51.	17.10	67.7	75.8	67.0	87.	20.10	47.3	68.8	44.5
16.	14.15	67.6	70.1	67.0	52.	17.15	67.4	68.9	67.0	88.	20.15	46.6	54.4	45.2
17.	14.20	67.5	70.1	67.0	53.	17.20	67.4	68.7	67.0	89.	20.20	47.9	58.1	46.0
18.	14.25	67.5	70.0	67.0	54.	17.25	67.4	68.7	66.9	90.	20.25	49.2	58.6	46.7
19.	14.30	67.5	69.9	67.0	55.	17.30	66.0	68.9	51.9	91.	20.30	50.0	56.0	48.0
20.	14.35	67.5	69.7	67.0	56.	17.35	53.5	64.3	51.3	92.	20.35	48.5	57.7	47.1
21.	14.40	67.8	70.0	67.3	57.	17.40	53.8	70.2	50.9	93.	20.40	48.2	61.7	47.1
22.	14.45	67.5	71.7	67.0	58.	17.45	52.4	63.2	49.0	94.	20.45	48.5	55.0	47.4
23.	14.50	67.7	72.0	67.1	59.	17.50	52.4	63.6	49.3	95.	20.50	47.9	53.8	47.1
24.	14.55	67.5	74.6	67.0	60.	17.55	51.1	62.7	48.0	96.	20.55	49.2	58.7	47.0
25.	15.00	67.4	69.1	66.8	61.	18.00	49.5	57.0	47.4	97.	21.00	47.5	50.9	46.7
26.	15.05	67.5	69.1	67.0	62.	18.05	49.9	58.4	47.5	98.	21.05	48.6	57.8	47.3
27.	15.10	67.6	70.1	67.1	63.	18.10	50.1	58.9	47.4	99.	21.10	48.2	57.4	47.3
28.	15.15	68.0	69.8	67.4	64.	18.15	51.5	60.2	48.3	100.	21.15	48.6	55.5	46.8
29.	15.20	68.1	75.2	67.4	65.	18.20	53.1	62.4	49.7	101.	21.20	47.5	56.6	45.9
30.	15.25	68.2	74.5	67.4	66.	18.25	50.5	63.6	48.1	102.	21.25	47.1	55.1	45.7
31.	15.30	68.0	70.3	67.4	67.	18.30	52.3	73.0	48.0	103.	21.30	46.9	52.7	45.7
32.	15.35	68.1	71.1	67.5	68.	18.35	50.2	66.6	48.2	104.	21.35	47.3	53.0	46.1
33.	15.40	67.8	72.5	67.3	69.	18.40	48.8	54.9	47.5	105.	21.40	51.8	56.8	47.2
34.	15.45	67.9	69.9	67.4	70.	18.45	48.4	52.8	47.4	106.	21.45	46.7	54.6	45.5
35.	15.50	67.9	70.3	67.3	71.	18.50	48.8	54.6	47.0	107.	21.50	46.9	58.6	45.4
36.	15.55	68.4	86.5	67.4	72.	18.55	47.4	53.9	46.7	108.	21.55	46.5	55.8	45.7



Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(1/2-3)

ริมรั้วหลังโรงงาน														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		10-11/02/23					10-11/02/23					10-11/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
109.	22.00	47.1	58.6	45.8	145.	01.00	46.7	54.7	45.8	181.	04.00	48.3	53.7	47.0
110.	22.05	48.8	61.8	46.5	146.	01.05	47.3	54.2	46.3	182.	04.05	47.4	54.0	46.2
111.	22.10	47.4	54.1	45.8	147.	01.10	48.4	59.1	46.5	183.	04.10	47.3	54.2	46.0
112.	22.15	46.6	52.0	45.9	148.	01.15	47.0	55.3	45.0	184.	04.15	47.7	56.0	46.2
113.	22.20	47.2	56.3	46.1	149.	01.20	46.9	54.0	45.2	185.	04.20	48.3	54.4	46.4
114.	22.25	46.9	52.0	46.3	150.	01.25	47.2	58.3	45.4	186.	04.25	46.7	53.8	46.0
115.	22.30	47.1	52.1	46.3	151.	01.30	47.6	58.4	45.3	187.	04.30	46.2	52.5	45.2
116.	22.35	47.9	55.7	46.7	152.	01.35	47.5	59.7	45.7	188.	04.35	45.9	50.0	45.2
117.	22.40	47.4	53.7	46.1	153.	01.40	47.3	56.1	46.1	189.	04.40	45.9	53.9	45.1
118.	22.45	48.3	56.7	46.6	154.	01.45	47.6	53.8	46.3	190.	04.45	47.6	55.6	45.5
119.	22.50	47.7	59.8	46.4	155.	01.50	47.5	54.3	45.8	191.	04.50	46.3	50.5	45.4
120.	22.55	47.7	56.7	46.3	156.	01.55	46.6	56.4	45.3	192.	04.55	46.5	53.6	45.6
121.	23.00	47.7	52.4	46.5	157.	02.00	46.8	53.6	45.5	193.	05.00	46.5	53.8	45.8
122.	23.05	48.0	56.7	46.7	158.	02.05	46.5	53.5	45.7	194.	05.05	47.6	50.8	46.4
123.	23.10	48.1	54.2	47.0	159.	02.10	46.5	51.4	45.6	195.	05.10	48.7	52.6	47.8
124.	23.15	47.3	49.8	46.5	160.	02.15	47.2	53.1	46.0	196.	05.15	48.3	54.3	47.3
125.	23.20	47.9	54.2	46.4	161.	02.20	47.2	54.4	45.5	197.	05.20	48.6	61.8	47.0
126.	23.25	48.5	58.9	46.3	162.	02.25	46.5	53.0	45.5	198.	05.25	49.3	61.2	45.8
127.	23.30	48.2	58.1	45.9	163.	02.30	48.5	57.7	46.2	199.	05.30	50.8	68.9	45.1
128.	23.35	47.6	58.1	46.1	164.	02.35	49.1	56.6	47.5	200.	05.35	46.9	55.8	44.5
129.	23.40	46.7	50.7	45.9	165.	02.40	49.4	55.2	47.8	201.	05.40	45.9	57.8	44.3
130.	23.45	48.1	57.2	46.4	166.	02.45	49.4	54.8	48.0	202.	05.45	54.1	69.3	46.6
131.	23.50	47.8	51.4	46.5	167.	02.50	49.4	52.8	48.4	203.	05.50	56.4	72.8	47.4
132.	23.55	48.7	64.0	46.8	168.	02.55	54.7	62.6	50.5	204.	05.55	50.9	57.9	46.8
133.	00.00	48.9	57.7	47.1	169.	03.00	57.0	63.5	52.8	205.	06.00	48.8	56.5	46.6
134.	00.05	47.8	54.3	46.6	170.	03.05	53.4	62.6	49.9	206.	06.05	64.0	82.0	46.6
135.	00.10	47.4	50.6	46.6	171.	03.10	50.4	55.0	48.9	207.	06.10	49.6	62.7	46.3
136.	00.15	48.5	53.7	47.4	172.	03.15	48.9	52.8	47.9	208.	06.15	49.9	61.9	46.7
137.	00.20	53.4	59.4	50.1	173.	03.20	48.4	51.3	47.6	209.	06.20	50.0	63.3	47.5
138.	00.25	54.8	61.4	50.6	174.	03.25	48.7	54.0	47.6	210.	06.25	55.7	68.4	48.0
139.	00.30	49.0	54.3	47.8	175.	03.30	48.8	55.1	47.2	211.	06.30	54.0	63.4	49.2
140.	00.35	47.9	56.0	46.6	176.	03.35	48.2	54.4	46.9	212.	06.35	55.3	65.2	51.6
141.	00.40	47.7	58.3	46.4	177.	03.40	48.0	54.5	47.0	213.	06.40	57.5	66.1	52.7
142.	00.45	48.8	59.2	45.9	178.	03.45	47.9	54.5	47.1	214.	06.45	56.8	73.6	51.0
143.	00.50	46.8	57.4	45.9	179.	03.50	47.6	49.6	47.0	215.	06.50	55.3	74.2	50.8
144.	00.55	46.8	56.8	45.7	180.	03.55	48.0	55.5	46.8	216.	06.55	65.3	68.9	52.4

**TET**

Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(1/3-3)

ริมรั้วหลังโรงงาน

Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		10-11/02/23					10-11/02/23					10-11/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
217.	07.00	67.8	70.0	67.4	241.	09.00	68.7	70.7	68.0	265.	11.00	68.5	80.0	67.8
218.	07.05	68.6	71.8	68.0	242.	09.05	68.7	70.7	68.1	266.	11.05	68.4	70.4	67.9
219.	07.10	68.7	79.1	68.1	243.	09.10	68.6	70.8	67.9	267.	11.10	68.3	70.5	67.8
220.	07.15	68.6	71.3	68.0	244.	09.15	68.6	71.1	68.0	268.	11.15	68.2	70.1	67.7
221.	07.20	68.4	70.5	67.8	245.	09.20	68.7	71.2	68.1	269.	11.20	68.0	69.5	67.6
222.	07.25	68.9	79.5	67.9	246.	09.25	68.9	71.1	68.2	270.	11.25	67.9	69.4	67.4
223.	07.30	68.6	73.7	68.0	247.	09.30	68.7	71.3	68.1	271.	11.30	67.8	69.0	67.4
224.	07.35	68.5	71.0	67.9	248.	09.35	68.6	71.0	68.0	272.	11.35	67.8	69.9	67.4
225.	07.40	68.7	71.1	68.1	249.	09.40	68.7	70.8	68.0	273.	11.40	67.8	69.4	67.3
226.	07.45	68.8	73.7	68.2	250.	09.45	68.7	71.0	68.0	274.	11.45	68.4	70.1	67.9
227.	07.50	68.8	72.4	68.1	251.	09.50	68.6	75.8	68.0	275.	11.50	68.4	70.7	67.9
228.	07.55	68.9	72.0	68.1	252.	09.55	68.9	78.5	68.0	276.	11.55	68.3	69.6	67.8
229.	08.00	68.8	71.4	68.2	253.	10.00	68.5	78.6	67.7	277.	12.00	68.3	69.5	67.8
230.	08.05	68.8	71.0	68.2	254.	10.05	68.2	70.1	67.6	278.	12.05	68.2	69.6	67.8
231.	08.10	69.1	71.3	68.5	255.	10.10	68.3	73.4	67.7	279.	12.10	68.3	69.8	67.8
232.	08.15	69.1	71.3	68.5	256.	10.15	68.4	78.6	67.6	280.	12.15	68.3	69.4	67.8
233.	08.20	69.2	71.0	68.5	257.	10.20	68.3	71.0	67.7	281.	12.20	68.0	69.3	67.5
234.	08.25	69.3	71.5	68.7	258.	10.25	68.9	84.0	67.7	282.	12.25	68.0	69.5	67.6
235.	08.30	69.4	72.0	68.7	259.	10.30	69.1	79.0	67.8	283.	12.30	68.2	69.7	67.7
236.	08.35	69.1	71.0	68.5	260.	10.35	68.3	78.1	66.1	284.	12.35	68.3	69.8	67.8
237.	08.40	68.9	70.5	68.2	261.	10.40	69.8	82.1	66.5	285.	12.40	68.4	69.6	67.9
238.	08.45	68.6	70.0	68.1	262.	10.45	69.8	82.0	66.5	286.	12.45	68.5	69.8	68.0
239.	08.50	68.5	70.3	67.9	263.	10.50	67.2	85.4	66.7	287.	12.50	68.4	69.6	68.0
240.	08.55	68.8	70.9	68.1	264.	10.55	69.2	76.6	67.9	288.	12.55	68.5	69.8	68.0

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager



Thai Environmental Technic Limited

บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP
 Project : โครงการผลิตขวดทองแดงส่วนขยายครั้งที่ 1
 Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม
 อำเภอบางปะกง จังหวัดฉะเชิงเทรา
 Contact : Tel. (038)-573 231-5
 Job No. : S660063/Feb/1

Report No. : 0425/2023/2-7
 Report Date : February 24, 2023
 Sampling Date : February 10-17, 2023
 Type of Sample : Sound Level

(2/1-3)

ริมรั้วหลังโรงงาน														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		11-12/02/23					11-12/02/23					11-12/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
1.	13.00	68.3	69.6	67.8	37.	16.00	59.2	66.1	58.5	73.	19.00	48.1	55.4	46.0
2.	13.05	68.2	69.5	67.8	38.	16.05	57.1	62.1	53.3	74.	19.05	47.2	53.2	45.8
3.	13.10	68.4	71.5	67.9	39.	16.10	56.9	61.9	53.2	75.	19.10	47.4	54.2	46.3
4.	13.15	68.3	69.8	67.9	40.	16.15	59.4	64.5	58.5	76.	19.15	48.5	56.1	46.7
5.	13.20	68.4	69.8	67.9	41.	16.20	59.3	62.2	58.5	77.	19.20	49.3	56.5	47.1
6.	13.25	68.3	69.7	67.9	42.	16.25	59.4	64.3	58.6	78.	19.25	48.9	57.6	46.5
7.	13.30	68.2	69.6	67.6	43.	16.30	59.4	62.9	58.5	79.	19.30	47.3	60.6	45.9
8.	13.35	67.9	69.8	67.5	44.	16.35	58.3	62.8	57.5	80.	19.35	47.0	53.2	45.7
9.	13.40	68.1	69.9	67.6	45.	16.40	58.2	61.7	57.4	81.	19.40	48.6	69.6	45.0
10.	13.45	68.2	70.2	67.7	46.	16.45	58.3	63.2	57.5	82.	19.45	46.4	53.7	45.0
11.	13.50	68.2	73.1	67.7	47.	16.50	58.8	68.0	57.9	83.	19.50	47.3	58.2	45.4
12.	13.55	68.3	74.4	67.7	48.	16.55	56.0	73.0	51.8	84.	19.55	46.5	61.8	45.0
13.	14.00	68.3	70.0	67.7	49.	17.00	54.1	60.4	51.6	85.	20.00	46.1	51.7	45.1
14.	14.05	68.3	70.0	67.8	50.	17.05	52.8	68.3	50.6	86.	20.05	45.9	57.6	45.0
15.	14.10	68.3	70.4	67.8	51.	17.10	52.5	64.1	50.5	87.	20.10	45.9	55.8	44.8
16.	14.15	68.3	69.9	67.8	52.	17.15	53.2	68.6	51.1	88.	20.15	45.8	50.5	44.9
17.	14.20	68.4	70.4	67.9	53.	17.20	53.2	67.9	51.0	89.	20.20	45.9	49.9	45.1
18.	14.25	68.4	70.1	67.8	54.	17.25	52.0	64.1	50.0	90.	20.25	45.6	50.7	44.7
19.	14.30	68.4	70.2	67.9	55.	17.30	52.4	64.9	49.6	91.	20.30	45.0	49.9	44.0
20.	14.35	68.4	70.2	67.9	56.	17.35	51.1	60.4	49.2	92.	20.35	46.2	56.0	44.3
21.	14.40	68.3	70.5	67.7	57.	17.40	52.5	69.0	49.3	93.	20.40	46.3	54.2	44.7
22.	14.45	68.0	70.2	67.5	58.	17.45	52.5	66.2	49.8	94.	20.45	45.5	55.0	44.4
23.	14.50	59.7	68.8	52.2	59.	17.50	53.2	59.7	50.6	95.	20.50	45.2	49.8	44.4
24.	14.55	57.8	61.8	53.5	60.	17.55	51.7	60.1	50.1	96.	20.55	45.0	50.2	44.1
25.	15.00	58.9	69.3	58.0	61.	18.00	51.5	58.1	49.9	97.	21.00	45.5	64.3	44.1
26.	15.05	59.0	61.0	58.2	62.	18.05	51.0	66.3	49.4	98.	21.05	45.2	52.0	44.3
27.	15.10	59.3	62.8	58.5	63.	18.10	51.9	63.1	49.8	99.	21.10	44.3	57.8	43.2
28.	15.15	59.0	61.9	58.2	64.	18.15	52.8	59.8	49.5	100.	21.15	44.7	53.3	43.1
29.	15.20	59.3	62.5	58.4	65.	18.20	52.8	60.7	49.5	101.	21.20	44.7	58.7	42.4
30.	15.25	59.6	64.9	58.7	66.	18.25	53.0	71.9	50.3	102.	21.25	43.4	54.4	42.4
31.	15.30	59.3	63.3	58.5	67.	18.30	51.9	63.4	49.0	103.	21.30	45.3	53.1	43.4
32.	15.35	59.4	63.7	58.7	68.	18.35	50.5	62.5	48.1	104.	21.35	44.2	56.2	42.6
33.	15.40	59.5	63.3	58.8	69.	18.40	49.6	60.1	47.9	105.	21.40	43.4	53.7	42.4
34.	15.45	60.7	78.5	59.0	70.	18.45	49.9	58.1	48.2	106.	21.45	44.9	56.8	42.8
35.	15.50	59.5	63.7	58.8	71.	18.50	50.3	68.2	47.5	107.	21.50	45.4	56.8	42.4
36.	15.55	62.1	83.9	58.4	72.	18.55	48.8	55.4	46.5	108.	21.55	43.2	55.3	42.0



Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(2/2-3)

ริมรั้วหลังโรงงาน														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		11-12/02/23					11-12/02/23					11-12/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
109.	22.00	43.2	52.6	42.2	145.	01.00	43.6	51.6	42.0	181.	04.00	43.6	54.5	41.9
110.	22.05	43.4	48.6	42.4	146.	01.05	47.5	59.6	41.9	182.	04.05	42.3	45.1	41.7
111.	22.10	45.5	61.6	42.7	147.	01.10	43.3	50.7	41.9	183.	04.10	42.7	55.0	41.7
112.	22.15	43.2	48.3	42.4	148.	01.15	42.8	47.3	41.5	184.	04.15	44.2	49.2	43.1
113.	22.20	43.3	47.8	42.6	149.	01.20	43.9	51.8	41.2	185.	04.20	44.8	48.8	44.0
114.	22.25	43.5	48.8	42.7	150.	01.25	43.0	51.3	41.4	186.	04.25	46.7	69.0	44.0
115.	22.30	44.4	49.7	43.3	151.	01.30	43.4	52.8	41.5	187.	04.30	46.2	59.8	44.4
116.	22.35	45.0	60.3	43.6	152.	01.35	41.8	45.9	41.0	188.	04.35	47.1	69.9	43.3
117.	22.40	45.1	54.5	43.8	153.	01.40	42.1	45.9	41.0	189.	04.40	43.2	48.9	42.1
118.	22.45	45.6	51.2	44.5	154.	01.45	42.3	48.6	41.3	190.	04.45	43.3	54.5	41.8
119.	22.50	45.8	53.7	44.0	155.	01.50	44.5	55.5	41.2	191.	04.50	42.9	48.3	41.9
120.	22.55	44.9	49.9	43.8	156.	01.55	43.8	49.7	41.9	192.	04.55	44.6	53.7	43.0
121.	23.00	46.4	53.1	44.4	157.	02.00	46.7	60.3	42.3	193.	05.00	45.5	54.6	43.5
122.	23.05	44.7	49.6	43.8	158.	02.05	41.5	44.5	40.7	194.	05.05	44.9	58.6	43.6
123.	23.10	46.0	55.1	43.8	159.	02.10	43.0	51.0	41.5	195.	05.10	45.2	50.3	44.2
124.	23.15	44.6	50.7	43.3	160.	02.15	43.8	55.1	41.6	196.	05.15	47.0	55.4	45.1
125.	23.20	45.3	56.8	43.5	161.	02.20	43.0	52.3	41.5	197.	05.20	46.8	57.5	45.2
126.	23.25	45.7	56.3	43.8	162.	02.25	42.3	48.7	41.3	198.	05.25	46.6	53.1	45.4
127.	23.30	44.8	50.0	43.5	163.	02.30	42.3	49.8	41.0	199.	05.30	46.9	59.4	45.2
128.	23.35	44.6	50.5	43.5	164.	02.35	43.6	61.2	41.6	200.	05.35	48.9	63.5	45.0
129.	23.40	45.0	50.6	43.9	165.	02.40	42.0	49.3	41.0	201.	05.40	47.5	56.3	45.1
130.	23.45	45.7	52.3	44.1	166.	02.45	42.3	49.3	41.1	202.	05.45	45.4	56.9	44.4
131.	23.50	44.9	52.9	43.6	167.	02.50	42.6	56.8	41.2	203.	05.50	52.0	67.0	44.4
132.	23.55	44.5	50.1	43.4	168.	02.55	43.4	51.1	42.1	204.	05.55	56.8	78.8	44.5
133.	00.00	44.7	51.7	43.6	169.	03.00	42.8	47.1	41.9	205.	06.00	59.9	73.1	44.7
134.	00.05	44.9	52.0	43.5	170.	03.05	43.0	48.3	42.1	206.	06.05	51.0	71.2	45.3
135.	00.10	45.9	52.6	44.2	171.	03.10	42.9	54.2	41.4	207.	06.10	56.2	74.5	46.7
136.	00.15	45.1	53.1	43.4	172.	03.15	42.2	47.8	41.2	208.	06.15	50.4	63.9	46.0
137.	00.20	44.5	53.6	42.9	173.	03.20	44.2	58.9	41.5	209.	06.20	53.6	71.1	46.2
138.	00.25	47.1	58.4	43.3	174.	03.25	42.2	49.7	41.3	210.	06.25	53.1	79.3	46.9
139.	00.30	45.9	54.4	44.0	175.	03.30	42.2	45.7	41.3	211.	06.30	52.0	62.2	46.5
140.	00.35	44.4	52.2	42.9	176.	03.35	42.9	55.6	41.8	212.	06.35	53.9	67.1	47.0
141.	00.40	44.7	53.6	43.0	177.	03.40	43.3	49.6	42.1	213.	06.40	53.9	68.6	47.0
142.	00.45	45.0	58.1	42.8	178.	03.45	43.2	49.2	42.3	214.	06.45	55.6	65.0	49.6
143.	00.50	44.4	58.6	42.6	179.	03.50	43.4	48.9	42.5	215.	06.50	59.8	67.3	57.9
144.	00.55	44.1	55.9	42.4	180.	03.55	42.9	52.0	42.1	216.	06.55	61.4	82.0	58.3

**TET**

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บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(2/3-3)

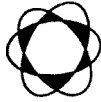
ริมรั้วหลังโรงงาน

Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		11-12/02/23					11-12/02/23					11-12/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
217.	07.00	61.6	72.1	60.0	241.	09.00	68.6	70.8	68.1	265.	11.00	68.6	70.6	68.1
218.	07.05	65.4	71.8	58.0	242.	09.05	68.9	79.6	68.2	266.	11.05	68.6	70.9	68.1
219.	07.10	68.7	74.1	62.0	243.	09.10	68.6	70.8	68.0	267.	11.10	68.6	70.4	68.1
220.	07.15	69.1	71.0	68.7	244.	09.15	68.5	70.4	68.0	268.	11.15	68.5	70.5	68.0
221.	07.20	69.4	73.6	68.8	245.	09.20	68.5	70.3	68.0	269.	11.20	68.7	71.2	68.2
222.	07.25	69.4	72.8	68.9	246.	09.25	68.7	77.8	68.0	270.	11.25	68.3	69.8	67.9
223.	07.30	69.0	70.8	68.5	247.	09.30	69.0	71.3	68.2	271.	11.30	68.5	70.2	68.0
224.	07.35	68.8	70.6	68.3	248.	09.35	68.8	70.6	68.2	272.	11.35	68.5	70.4	68.0
225.	07.40	68.6	70.7	68.1	249.	09.40	68.8	70.5	68.3	273.	11.40	68.5	70.5	68.0
226.	07.45	68.8	79.3	68.2	250.	09.45	68.6	71.2	68.1	274.	11.45	68.5	71.7	68.0
227.	07.50	68.8	76.4	68.2	251.	09.50	68.7	80.5	68.1	275.	11.50	68.4	71.6	68.0
228.	07.55	68.8	71.7	68.2	252.	09.55	68.5	70.3	68.0	276.	11.55	68.4	70.0	67.9
229.	08.00	68.9	80.1	68.3	253.	10.00	68.5	70.3	68.1	277.	12.00	68.2	69.7	67.7
230.	08.05	68.7	70.4	68.1	254.	10.05	68.6	70.3	68.2	278.	12.05	68.0	69.9	67.5
231.	08.10	68.7	71.1	68.1	255.	10.10	68.8	70.3	68.3	279.	12.10	67.8	69.0	67.4
232.	08.15	68.7	70.9	68.2	256.	10.15	68.5	71.6	68.0	280.	12.15	67.8	69.1	67.3
233.	08.20	68.9	75.6	68.3	257.	10.20	68.4	70.0	67.9	281.	12.20	67.8	69.0	67.3
234.	08.25	68.8	72.2	68.3	258.	10.25	68.3	69.9	67.8	282.	12.25	67.8	69.0	67.4
235.	08.30	68.8	70.6	68.3	259.	10.30	68.2	69.5	67.7	283.	12.30	67.8	69.0	67.4
236.	08.35	68.7	70.3	68.1	260.	10.35	68.0	69.5	67.6	284.	12.35	67.9	69.3	67.4
237.	08.40	69.6	85.8	68.2	261.	10.40	68.1	77.3	67.5	285.	12.40	67.8	69.1	67.4
238.	08.45	69.0	81.6	68.3	262.	10.45	68.4	77.5	67.7	286.	12.45	67.8	69.3	67.3
239.	08.50	68.8	70.6	68.2	263.	10.50	68.6	70.6	68.1	287.	12.50	67.8	69.1	67.4
240.	08.55	68.6	70.4	68.1	264.	10.55	68.5	70.7	67.9	288.	12.55	67.8	69.2	67.3

Wannasiri S.

Wannasiri Suriyawong

*Somchai P.*Somchai Piyavorasakul
General Manager



Thai Environmental Technic Limited

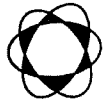
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP
 Project : โครงการผลิตขวดทองแดงส่วนขยายครั้งที่ 1
 Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม
 อำเภอบางปะกง จังหวัดฉะเชิงเทรา
 Contact : Tel. (038)-573 231-5
 Job No. : S660063/Feb/1

Report No. : 0425/2023/3-7
 Report Date : February 24, 2023
 Sampling Date : February 10-17, 2023
 Type of Sample : Sound Level

(3/1-3)

ริมรั้วหลังโรงงาน														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		12-13/02/23					12-13/02/23					12-13/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
1.	13.00	67.7	69.0	67.3	37.	16.00	67.8	69.1	67.3	73.	19.00	49.3	56.7	48.1
2.	13.05	67.8	69.3	67.4	38.	16.05	67.9	69.3	67.5	74.	19.05	49.0	52.5	47.8
3.	13.10	68.1	71.1	67.6	39.	16.10	68.0	69.4	67.5	75.	19.10	49.6	55.6	48.1
4.	13.15	68.1	70.0	67.6	40.	16.15	68.0	71.1	67.5	76.	19.15	50.3	60.9	48.0
5.	13.20	68.2	69.8	67.7	41.	16.20	68.0	72.5	67.5	77.	19.20	49.7	58.2	47.9
6.	13.25	68.3	70.0	67.8	42.	16.25	68.1	69.5	67.6	78.	19.25	48.9	56.6	47.9
7.	13.30	68.3	72.3	67.8	43.	16.30	68.2	72.1	67.6	79.	19.30	51.7	57.6	48.8
8.	13.35	68.3	70.6	67.8	44.	16.35	68.5	80.3	67.9	80.	19.35	48.5	54.6	47.7
9.	13.40	68.3	70.4	67.8	45.	16.40	68.4	70.3	67.8	81.	19.40	48.3	52.6	47.4
10.	13.45	68.3	70.4	67.7	46.	16.45	68.3	70.0	67.9	82.	19.45	49.3	54.3	48.1
11.	13.50	67.9	69.7	67.5	47.	16.50	68.3	70.2	67.9	83.	19.50	49.3	54.3	47.8
12.	13.55	68.0	69.9	67.5	48.	16.55	68.3	69.6	67.9	84.	19.55	48.6	58.4	47.0
13.	14.00	68.1	70.4	67.6	49.	17.00	68.4	70.1	68.0	85.	20.00	48.0	57.5	46.5
14.	14.05	68.0	70.1	67.5	50.	17.05	68.4	70.1	67.9	86.	20.05	47.9	57.5	46.5
15.	14.10	67.9	70.0	67.3	51.	17.10	68.3	70.1	67.8	87.	20.10	47.8	53.7	46.8
16.	14.15	67.7	69.8	67.2	52.	17.15	68.2	69.5	67.8	88.	20.15	47.9	55.1	46.5
17.	14.20	67.7	70.1	67.2	53.	17.20	68.8	77.6	68.0	89.	20.20	47.2	59.2	46.3
18.	14.25	67.6	69.6	67.2	54.	17.25	68.5	74.4	67.9	90.	20.25	48.2	57.4	46.8
19.	14.30	67.7	70.2	67.2	55.	17.30	68.3	69.7	67.8	91.	20.30	47.9	55.2	46.5
20.	14.35	67.6	69.1	67.2	56.	17.35	68.3	70.1	67.8	92.	20.35	49.0	58.6	46.6
21.	14.40	67.8	75.5	67.3	57.	17.40	67.5	69.8	52.2	93.	20.40	48.7	55.9	46.6
22.	14.45	67.7	69.8	67.3	58.	17.45	53.7	64.5	51.4	94.	20.45	49.8	57.1	47.1
23.	14.50	68.0	70.1	67.4	59.	17.50	52.9	60.6	51.7	95.	20.50	49.9	58.8	47.6
24.	14.55	67.9	69.8	67.3	60.	17.55	53.4	60.6	52.1	96.	20.55	51.0	62.6	47.7
25.	15.00	67.9	70.7	67.3	61.	18.00	53.3	64.2	51.9	97.	21.00	50.5	58.2	47.5
26.	15.05	67.9	70.0	67.3	62.	18.05	53.9	73.9	51.0	98.	21.05	49.8	60.8	46.2
27.	15.10	67.5	69.0	67.1	63.	18.10	49.8	59.1	47.9	99.	21.10	50.7	60.4	47.5
28.	15.15	67.4	68.8	66.9	64.	18.15	49.6	56.8	47.9	100.	21.15	50.1	60.7	47.2
29.	15.20	67.4	68.7	67.0	65.	18.20	48.5	54.0	47.4	101.	21.20	48.9	57.0	46.0
30.	15.25	67.4	68.7	66.9	66.	18.25	50.8	61.2	47.8	102.	21.25	46.4	57.0	45.6
31.	15.30	67.4	69.5	66.9	67.	18.30	49.5	56.9	47.6	103.	21.30	47.2	56.7	45.5
32.	15.35	67.5	68.8	67.0	68.	18.35	59.7	77.7	47.9	104.	21.35	49.9	62.8	47.0
33.	15.40	67.4	69.6	67.0	69.	18.40	49.2	56.4	48.2	105.	21.40	49.1	56.2	46.9
34.	15.45	67.4	68.7	66.9	70.	18.45	48.8	55.1	47.8	106.	21.45	48.7	54.8	46.9
35.	15.50	67.6	72.2	67.2	71.	18.50	49.0	55.7	47.9	107.	21.50	47.6	56.4	45.8
36.	15.55	67.4	68.7	67.0	72.	18.55	49.6	58.3	47.6	108.	21.55	46.8	56.9	45.7



Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(3/2-3)

ริมรั้วหลังโรงงาน														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		12-13/02/23					12-13/02/23					12-13/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
109.	22.00	47.0	51.8	46.1	145.	01.00	46.4	52.3	45.6	181.	04.00	47.4	54.8	45.7
110.	22.05	48.5	56.8	46.3	146.	01.05	47.1	57.0	45.7	182.	04.05	46.8	54.9	45.7
111.	22.10	47.8	56.5	46.3	147.	01.10	47.5	55.0	46.2	183.	04.10	46.2	50.2	45.6
112.	22.15	49.9	56.8	46.7	148.	01.15	48.1	66.5	46.1	184.	04.15	46.4	53.1	45.7
113.	22.20	50.0	57.3	48.0	149.	01.20	47.4	54.3	46.3	185.	04.20	46.5	50.1	45.8
114.	22.25	50.5	57.9	48.1	150.	01.25	47.2	51.1	46.4	186.	04.25	47.2	54.3	45.9
115.	22.30	48.9	54.4	47.6	151.	01.30	47.4	53.5	46.6	187.	04.30	47.5	53.6	46.5
116.	22.35	48.6	56.1	47.6	152.	01.35	47.7	56.1	46.4	188.	04.35	48.2	55.8	47.1
117.	22.40	48.8	53.8	47.8	153.	01.40	47.9	57.4	46.5	189.	04.40	48.6	63.1	46.7
118.	22.45	48.4	53.2	46.9	154.	01.45	47.1	49.5	46.2	190.	04.45	48.6	61.6	47.1
119.	22.50	48.5	55.0	46.9	155.	01.50	47.4	55.7	46.2	191.	04.50	48.0	53.4	47.2
120.	22.55	47.2	49.6	46.4	156.	01.55	47.0	54.2	45.7	192.	04.55	48.2	55.9	46.5
121.	23.00	48.9	53.8	47.5	157.	02.00	46.6	52.4	45.8	193.	05.00	46.9	51.6	46.3
122.	23.05	49.8	56.6	47.7	158.	02.05	48.5	59.2	46.1	194.	05.05	48.0	60.6	46.6
123.	23.10	49.4	58.2	47.5	159.	02.10	47.7	57.5	46.5	195.	05.10	48.1	53.7	47.4
124.	23.15	49.4	57.1	47.5	160.	02.15	47.8	55.4	46.8	196.	05.15	48.8	58.1	47.5
125.	23.20	49.9	60.6	47.5	161.	02.20	47.5	51.1	46.7	197.	05.20	49.4	56.0	47.9
126.	23.25	48.3	55.8	46.9	162.	02.25	47.9	54.5	46.9	198.	05.25	48.9	55.3	48.0
127.	23.30	49.2	59.9	47.4	163.	02.30	47.3	51.5	46.7	199.	05.30	50.6	57.6	48.0
128.	23.35	49.4	56.2	47.5	164.	02.35	47.7	51.8	46.9	200.	05.35	52.4	57.7	49.6
129.	23.40	50.0	61.1	47.2	165.	02.40	48.1	58.3	46.8	201.	05.40	50.9	57.2	48.5
130.	23.45	48.4	59.4	46.9	166.	02.45	47.2	50.8	46.5	202.	05.45	48.7	59.3	47.7
131.	23.50	50.0	59.5	47.4	167.	02.50	48.2	56.4	46.6	203.	05.50	54.4	71.4	47.2
132.	23.55	48.1	56.8	46.6	168.	02.55	47.3	58.4	46.1	204.	05.55	54.1	71.6	47.5
133.	00.00	48.9	58.5	46.4	169.	03.00	47.1	55.6	46.2	205.	06.00	51.8	70.7	47.3
134.	00.05	48.2	60.0	45.8	170.	03.05	48.8	51.6	47.8	206.	06.05	48.4	57.1	47.1
135.	00.10	47.6	57.0	45.8	171.	03.10	47.8	53.3	46.9	207.	06.10	49.0	69.1	47.4
136.	00.15	48.5	59.7	46.6	172.	03.15	47.0	51.9	46.3	208.	06.15	53.2	73.7	48.1
137.	00.20	47.9	55.8	46.5	173.	03.20	47.2	53.6	46.1	209.	06.20	51.8	68.8	49.0
138.	00.25	48.0	59.7	46.2	174.	03.25	46.8	59.9	45.8	210.	06.25	52.2	67.8	49.0
139.	00.30	48.9	61.7	46.3	175.	03.30	47.1	60.3	45.8	211.	06.30	51.3	63.0	48.6
140.	00.35	47.0	53.7	45.9	176.	03.35	47.7	53.3	46.3	212.	06.35	55.1	68.5	48.9
141.	00.40	47.4	58.2	45.7	177.	03.40	46.5	49.0	46.0	213.	06.40	52.2	65.8	49.1
142.	00.45	47.6	53.8	45.8	178.	03.45	46.6	52.7	45.8	214.	06.45	52.2	64.1	49.4
143.	00.50	47.4	56.5	46.1	179.	03.50	46.6	56.0	45.7	215.	06.50	51.3	61.7	49.0
144.	00.55	46.2	52.0	45.7	180.	03.55	46.1	48.4	45.5	216.	06.55	55.1	65.0	49.7



Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(3/3-3)

ริมรั้วหลังโรงงาน														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		12-13/02/23					12-13/02/23					12-13/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
217.	07.00	52.8	61.6	49.5	241.	09.00	69.1	77.2	68.0	265.	11.00	68.3	83.0	67.0
218.	07.05	67.0	70.4	53.9	242.	09.05	68.7	70.6	68.1	266.	11.05	67.7	78.7	67.0
219.	07.10	68.5	70.6	68.0	243.	09.10	68.7	71.2	68.1	267.	11.10	71.0	86.9	67.3
220.	07.15	68.6	70.2	68.1	244.	09.15	69.1	79.0	68.0	268.	11.15	67.9	70.9	67.3
221.	07.20	68.6	69.8	68.1	245.	09.20	68.6	71.2	68.0	269.	11.20	67.8	70.2	67.2
222.	07.25	68.9	73.4	68.1	246.	09.25	68.8	80.1	68.1	270.	11.25	67.3	68.9	66.9
223.	07.30	68.4	69.7	68.0	247.	09.30	68.5	70.6	67.9	271.	11.30	67.2	69.8	66.8
224.	07.35	68.5	69.8	68.0	248.	09.35	68.1	69.6	67.6	272.	11.35	67.2	68.6	66.7
225.	07.40	68.6	70.2	68.1	249.	09.40	68.1	81.8	67.4	273.	11.40	67.5	70.1	66.8
226.	07.45	68.5	70.4	68.1	250.	09.45	68.0	70.5	67.5	274.	11.45	67.5	70.4	66.9
227.	07.50	68.5	71.3	67.9	251.	09.50	68.1	69.6	67.5	275.	11.50	67.6	69.6	67.0
228.	07.55	68.9	80.4	68.1	252.	09.55	68.1	69.7	67.6	276.	11.55	67.7	69.6	67.1
229.	08.00	68.4	70.8	67.9	253.	10.00	67.9	69.6	67.4	277.	12.00	67.8	70.2	67.2
230.	08.05	68.4	69.8	67.9	254.	10.05	68.1	69.6	67.6	278.	12.05	67.7	69.7	67.1
231.	08.10	68.6	80.2	68.0	255.	10.10	68.1	82.0	67.4	279.	12.10	67.7	69.9	67.1
232.	08.15	68.3	69.7	67.9	256.	10.15	68.0	76.7	67.3	280.	12.15	67.5	73.8	67.0
233.	08.20	68.2	70.7	67.8	257.	10.20	68.1	76.6	67.3	281.	12.20	67.2	68.3	66.7
234.	08.25	68.5	69.9	67.9	258.	10.25	68.9	77.2	67.5	282.	12.25	67.2	68.6	66.8
235.	08.30	68.3	71.3	67.8	259.	10.30	71.8	81.5	67.3	283.	12.30	67.2	69.2	66.7
236.	08.35	69.7	80.9	68.0	260.	10.35	71.3	87.4	66.8	284.	12.35	67.2	68.4	66.8
237.	08.40	69.5	79.0	67.8	261.	10.40	71.1	82.5	66.8	285.	12.40	67.4	72.0	66.9
238.	08.45	68.3	70.5	67.8	262.	10.45	71.9	86.8	67.3	286.	12.45	67.4	70.3	66.9
239.	08.50	68.4	70.2	67.9	263.	10.50	69.1	92.8	67.3	287.	12.50	69.2	79.3	67.0
240.	08.55	68.4	70.1	67.8	264.	10.55	70.6	97.1	67.2	288.	12.55	68.7	79.4	66.9

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager



Thai Environmental Technic Limited

บริษัท เทคนิกลิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP
 Project : โครงการผลิตขวดทองแดงส่วนขยายครั้งที่ 1
 Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม
 อำเภอบางปะกง จังหวัดฉะเชิงเทรา
 Contact : Tel. (038)-573 231-5
 Job No. : S660063/Feb/1

Report No. : 0425/2023/4-7
 Report Date : February 24, 2023
 Sampling Date : February 10-17, 2023
 Type of Sample : Sound Level

(4/1-3)

ริมรั้วหลังโรงงาน														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		13-14/02/23					13-14/02/23					13-14/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
1.	13.00	67.5	70.8	66.9	37.	16.00	66.3	71.6	64.5	73.	19.00	54.2	72.1	45.4
2.	13.05	67.6	70.5	67.0	38.	16.05	66.5	73.5	64.4	74.	19.05	50.9	63.0	46.0
3.	13.10	67.6	69.9	67.0	39.	16.10	66.6	74.9	65.2	75.	19.10	49.2	65.9	45.0
4.	13.15	67.6	69.6	67.0	40.	16.15	66.4	67.7	65.1	76.	19.15	53.7	68.0	45.6
5.	13.20	67.9	82.7	66.8	41.	16.20	65.9	68.4	64.6	77.	19.20	63.9	85.4	48.8
6.	13.25	69.8	86.5	67.3	42.	16.25	66.5	77.8	65.0	78.	19.25	58.8	78.8	44.6
7.	13.30	68.5	86.7	64.9	43.	16.30	66.5	72.6	65.2	79.	19.30	57.2	80.1	45.4
8.	13.35	67.4	75.9	64.6	44.	16.35	66.6	74.3	65.4	80.	19.35	55.5	78.7	44.9
9.	13.40	67.5	77.0	64.7	45.	16.40	67.8	77.2	66.1	81.	19.40	48.4	59.7	44.6
10.	13.45	66.9	77.2	64.9	46.	16.45	67.0	77.2	65.4	82.	19.45	48.5	56.4	46.0
11.	13.50	66.5	75.3	65.1	47.	16.50	66.4	73.0	60.9	83.	19.50	48.7	57.0	45.7
12.	13.55	68.7	76.8	65.3	48.	16.55	62.2	65.8	60.3	84.	19.55	51.1	59.9	48.5
13.	14.00	68.1	78.4	65.4	49.	17.00	65.0	84.6	60.7	85.	20.00	52.9	78.0	47.9
14.	14.05	68.8	81.4	65.4	50.	17.05	66.3	82.4	61.8	86.	20.05	48.6	58.4	46.2
15.	14.10	67.4	76.1	65.0	51.	17.10	66.6	77.0	61.8	87.	20.10	48.9	59.3	46.5
16.	14.15	68.0	79.1	65.2	52.	17.15	66.7	78.5	63.4	88.	20.15	47.4	59.4	44.5
17.	14.20	68.6	79.4	65.0	53.	17.20	67.2	73.2	65.1	89.	20.20	48.5	62.9	45.0
18.	14.25	68.5	85.9	65.0	54.	17.25	58.3	70.2	54.7	90.	20.25	49.2	62.8	45.5
19.	14.30	66.5	77.6	64.9	55.	17.30	56.3	73.8	47.5	91.	20.30	49.7	63.3	45.3
20.	14.35	68.3	78.5	65.3	56.	17.35	53.4	68.3	47.9	92.	20.35	46.7	56.3	44.4
21.	14.40	68.7	83.4	65.4	57.	17.40	54.7	63.8	52.1	93.	20.40	51.4	68.9	44.6
22.	14.45	66.1	74.8	65.3	58.	17.45	55.4	70.8	52.7	94.	20.45	48.0	66.3	44.7
23.	14.50	66.0	72.3	65.5	59.	17.50	57.0	75.1	49.7	95.	20.50	46.7	60.4	44.8
24.	14.55	66.1	69.4	65.6	60.	17.55	57.2	72.3	50.4	96.	20.55	48.4	68.7	44.9
25.	15.00	65.8	68.2	65.5	61.	18.00	56.1	68.1	50.2	97.	21.00	47.0	58.1	44.6
26.	15.05	65.7	70.9	65.4	62.	18.05	56.5	64.3	53.6	98.	21.05	47.3	56.5	44.7
27.	15.10	66.3	75.2	65.5	63.	18.10	52.5	64.1	49.0	99.	21.10	46.2	59.5	42.7
28.	15.15	67.7	83.3	65.9	64.	18.15	51.6	59.7	46.9	100.	21.15	45.7	59.1	42.5
29.	15.20	69.1	76.6	65.8	65.	18.20	48.7	59.8	45.2	101.	21.20	44.7	55.6	42.6
30.	15.25	68.1	82.6	65.3	66.	18.25	58.6	77.6	49.6	102.	21.25	45.9	59.5	43.7
31.	15.30	67.4	83.7	65.7	67.	18.30	52.7	67.1	48.2	103.	21.30	45.4	57.8	43.4
32.	15.35	67.5	77.3	65.7	68.	18.35	49.1	60.1	47.3	104.	21.35	45.5	61.6	43.5
33.	15.40	67.5	71.6	65.6	69.	18.40	51.2	66.4	48.7	105.	21.40	45.6	61.8	42.9
34.	15.45	67.3	74.5	65.5	70.	18.45	51.9	62.1	49.3	106.	21.45	49.7	68.7	44.0
35.	15.50	66.5	76.5	65.0	71.	18.50	51.4	64.5	48.5	107.	21.50	50.0	63.6	44.2
36.	15.55	66.4	78.1	64.9	72.	18.55	56.3	69.2	50.3	108.	21.55	46.9	52.1	45.3



Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(4/2-3)

ริมรั้วหลังโรงงาน														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		13-14/02/23					13-14/02/23					13-14/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
109.	22.00	48.1	64.1	45.5	145.	01.00	47.4	56.9	46.1	181.	04.00	49.0	65.4	45.5
110.	22.05	53.6	71.9	47.1	146.	01.05	47.4	58.8	46.2	182.	04.05	49.4	66.8	44.0
111.	22.10	49.5	53.9	47.7	147.	01.10	47.3	55.2	45.9	183.	04.10	48.6	61.5	44.4
112.	22.15	51.8	69.4	48.2	148.	01.15	46.3	49.9	45.8	184.	04.15	47.3	61.2	44.1
113.	22.20	48.6	54.5	46.8	149.	01.20	46.1	49.3	45.6	185.	04.20	48.6	60.9	45.1
114.	22.25	47.5	51.8	46.0	150.	01.25	46.3	51.2	45.4	186.	04.25	47.7	58.9	44.4
115.	22.30	48.3	59.0	45.9	151.	01.30	46.6	51.0	45.6	187.	04.30	49.5	59.3	45.1
116.	22.35	47.7	54.4	45.8	152.	01.35	46.4	50.2	45.7	188.	04.35	49.0	63.4	44.6
117.	22.40	47.7	52.6	46.0	153.	01.40	46.2	51.5	45.7	189.	04.40	45.9	61.1	42.5
118.	22.45	47.8	53.8	45.9	154.	01.45	48.3	63.4	46.0	190.	04.45	47.4	59.9	43.4
119.	22.50	47.3	51.5	46.0	155.	01.50	46.7	59.0	45.8	191.	04.50	46.4	57.3	44.2
120.	22.55	48.3	55.8	46.6	156.	01.55	46.5	50.0	45.8	192.	04.55	48.6	64.8	43.9
121.	23.00	48.3	55.0	47.1	157.	02.00	48.4	59.0	46.4	193.	05.00	45.2	58.2	41.8
122.	23.05	48.0	54.1	46.8	158.	02.05	46.9	52.9	46.1	194.	05.05	45.3	57.9	42.8
123.	23.10	47.8	52.0	46.9	159.	02.10	47.7	54.0	46.4	195.	05.10	45.7	59.7	43.3
124.	23.15	49.5	55.3	47.9	160.	02.15	47.3	54.6	46.2	196.	05.15	51.8	69.5	44.5
125.	23.20	48.1	56.8	46.7	161.	02.20	47.4	53.5	46.6	197.	05.20	50.2	66.8	45.9
126.	23.25	48.1	59.7	45.3	162.	02.25	47.0	53.1	46.5	198.	05.25	50.4	68.1	45.5
127.	23.30	46.5	51.6	45.1	163.	02.30	47.3	51.5	46.1	199.	05.30	48.2	63.2	45.5
128.	23.35	48.0	57.9	45.9	164.	02.35	46.4	49.6	45.9	200.	05.35	48.6	60.1	44.8
129.	23.40	50.5	56.9	49.2	165.	02.40	46.6	52.3	46.1	201.	05.40	47.7	58.1	45.0
130.	23.45	50.2	56.7	49.0	166.	02.45	47.0	57.5	46.1	202.	05.45	47.6	58.5	44.9
131.	23.50	49.7	61.1	48.5	167.	02.50	46.9	53.5	46.1	203.	05.50	47.4	58.8	45.3
132.	23.55	49.5	55.3	48.5	168.	02.55	46.5	50.8	46.0	204.	05.55	46.1	58.8	44.1
133.	00.00	49.5	56.1	48.5	169.	03.00	46.6	53.1	46.0	205.	06.00	47.4	57.3	45.0
134.	00.05	49.9	55.3	48.8	170.	03.05	46.9	50.8	46.0	206.	06.05	46.3	58.5	43.7
135.	00.10	49.7	57.9	48.7	171.	03.10	46.6	52.7	46.1	207.	06.10	47.1	56.3	43.9
136.	00.15	49.2	55.3	48.1	172.	03.15	46.3	51.4	45.6	208.	06.15	46.7	59.1	44.0
137.	00.20	48.7	54.0	47.6	173.	03.20	46.6	50.9	45.6	209.	06.20	46.5	59.4	43.8
138.	00.25	48.0	53.2	47.5	174.	03.25	47.4	54.6	46.0	210.	06.25	51.5	66.6	44.8
139.	00.30	47.7	52.7	47.0	175.	03.30	46.4	51.5	45.9	211.	06.30	48.7	61.1	44.8
140.	00.35	48.0	55.3	47.1	176.	03.35	47.0	51.9	45.9	212.	06.35	53.8	67.0	44.8
141.	00.40	47.4	50.6	46.5	177.	03.40	46.4	51.4	45.8	213.	06.40	52.0	56.2	51.1
142.	00.45	46.8	51.3	46.4	178.	03.45	47.5	58.2	44.9	214.	06.45	52.7	57.3	51.3
143.	00.50	47.3	57.0	46.4	179.	03.50	47.1	56.3	44.8	215.	06.50	53.7	58.4	52.9
144.	00.55	47.2	59.6	46.2	180.	03.55	47.4	58.0	45.0	216.	06.55	54.5	66.4	53.0



Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(4/3-3)

ริมรั้วหลังโรงงาน														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		13-14/02/23					13-14/02/23					13-14/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
217.	07.00	54.0	64.5	52.7	241.	09.00	65.7	74.4	64.7	265.	11.00	66.5	72.3	65.2
218.	07.05	54.2	60.9	53.5	242.	09.05	65.8	77.1	64.8	266.	11.05	66.9	75.1	65.2
219.	07.10	67.6	76.2	66.2	243.	09.10	65.8	74.0	64.5	267.	11.10	66.9	74.3	65.3
220.	07.15	68.3	72.8	66.7	244.	09.15	65.9	73.2	64.5	268.	11.15	66.4	74.1	65.2
221.	07.20	68.5	78.3	67.1	245.	09.20	65.7	75.1	64.8	269.	11.20	66.1	71.1	65.0
222.	07.25	68.4	80.1	66.6	246.	09.25	65.7	68.2	64.7	270.	11.25	66.3	68.7	65.0
223.	07.30	67.3	74.9	66.1	247.	09.30	65.5	68.0	64.5	271.	11.30	66.6	75.9	65.3
224.	07.35	67.5	69.3	66.0	248.	09.35	65.8	71.8	64.5	272.	11.35	67.3	75.6	64.9
225.	07.40	67.9	72.4	66.5	249.	09.40	66.1	74.4	64.8	273.	11.40	65.8	69.6	64.6
226.	07.45	68.3	74.4	66.5	250.	09.45	66.0	68.1	64.8	274.	11.45	66.8	78.6	64.7
227.	07.50	67.8	73.8	65.8	251.	09.50	65.9	74.6	64.7	275.	11.50	66.2	75.4	64.3
228.	07.55	66.9	77.4	65.3	252.	09.55	66.6	75.1	64.7	276.	11.55	66.4	76.4	64.4
229.	08.00	66.6	72.3	65.6	253.	10.00	66.8	75.0	64.7	277.	12.00	65.9	70.5	64.6
230.	08.05	66.8	73.4	65.6	254.	10.05	65.9	74.0	64.6	278.	12.05	67.0	73.9	65.3
231.	08.10	68.0	74.2	65.8	255.	10.10	65.6	67.1	64.5	279.	12.10	68.1	74.9	66.3
232.	08.15	67.9	73.1	64.8	256.	10.15	66.3	76.1	64.7	280.	12.15	66.5	72.7	65.4
233.	08.20	66.1	75.0	64.6	257.	10.20	66.8	70.0	64.7	281.	12.20	66.9	79.6	65.0
234.	08.25	65.6	77.9	64.5	258.	10.25	67.1	75.2	65.3	282.	12.25	66.3	67.8	65.0
235.	08.30	65.9	76.5	64.5	259.	10.30	66.8	74.9	65.0	283.	12.30	66.3	71.2	65.1
236.	08.35	66.7	81.1	64.9	260.	10.35	66.7	74.5	65.0	284.	12.35	67.5	72.0	65.8
237.	08.40	66.4	73.3	64.8	261.	10.40	65.8	66.8	64.8	285.	12.40	67.7	70.7	66.1
238.	08.45	65.6	71.9	64.4	262.	10.45	66.0	67.2	64.7	286.	12.45	66.8	71.1	65.4
239.	08.50	65.5	66.5	64.6	263.	10.50	68.4	74.6	65.6	287.	12.50	67.8	76.6	65.5
240.	08.55	65.5	73.2	64.6	264.	10.55	66.8	71.0	65.5	288.	12.55	67.7	77.9	65.5

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager



Thai Environmental Technic Limited

บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP
 Project : โครงการผลิตขวดทองแดงส่วนขยายครั้งที่ 1
 Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม
 อำเภอบางปะกง จังหวัดฉะเชิงเทรา
 Contact : Tel. (038)-573 231-5
 Job No. : S660063/Feb/1

Report No. : 0425/2023/5-7
 Report Date : February 24, 2023
 Sampling Date : February 10-17, 2023
 Type of Sample : Sound Level

(5/1-3)

ริมรั้วหลังโรงงาน														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		14-15/02/23					14-15/02/23					14-15/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
1.	13.00	67.8	75.3	66.2	37.	16.00	66.5	70.3	65.1	73.	19.00	50.9	55.8	49.5
2.	13.05	68.6	73.9	66.7	38.	16.05	66.8	69.1	65.2	74.	19.05	53.1	57.9	51.3
3.	13.10	68.0	74.4	66.5	39.	16.10	67.6	78.8	65.9	75.	19.10	52.7	57.0	51.7
4.	13.15	67.9	74.6	66.4	40.	16.15	67.9	74.5	66.0	76.	19.15	51.8	56.8	50.5
5.	13.20	67.9	73.9	66.1	41.	16.20	67.9	73.7	66.1	77.	19.20	53.3	58.7	51.3
6.	13.25	67.1	71.6	65.9	42.	16.25	67.4	75.9	65.7	78.	19.25	52.0	58.1	50.8
7.	13.30	67.7	79.3	66.2	43.	16.30	67.3	74.7	65.5	79.	19.30	52.1	56.1	51.1
8.	13.35	68.2	73.3	66.3	44.	16.35	67.3	71.3	65.8	80.	19.35	51.5	55.8	50.8
9.	13.40	68.3	72.7	66.6	45.	16.40	67.1	74.6	65.5	81.	19.40	52.0	58.0	51.0
10.	13.45	67.5	71.7	65.7	46.	16.45	66.9	76.4	65.1	82.	19.45	52.1	57.1	51.0
11.	13.50	66.9	74.5	65.5	47.	16.50	66.5	76.2	64.9	83.	19.50	51.9	56.8	50.6
12.	13.55	67.3	73.1	65.5	48.	16.55	66.2	71.0	65.0	84.	19.55	52.6	56.5	51.9
13.	14.00	67.8	76.6	66.1	49.	17.00	67.4	81.0	65.1	85.	20.00	52.5	57.1	51.2
14.	14.05	66.8	72.1	65.5	50.	17.05	67.0	81.0	65.2	86.	20.05	53.0	57.6	51.6
15.	14.10	66.5	67.9	64.8	51.	17.10	67.3	77.1	65.4	87.	20.10	51.4	57.2	48.7
16.	14.15	65.6	67.1	64.6	52.	17.15	54.6	58.4	53.7	88.	20.15	52.0	66.2	45.8
17.	14.20	66.1	79.4	64.9	53.	17.20	55.0	59.7	54.1	89.	20.20	46.9	60.4	44.0
18.	14.25	66.5	74.1	65.2	54.	17.25	55.0	58.6	54.0	90.	20.25	47.1	61.4	44.2
19.	14.30	66.6	74.2	65.3	55.	17.30	54.2	58.9	52.8	91.	20.30	46.9	57.6	44.3
20.	14.35	66.2	69.2	65.1	56.	17.35	52.3	57.1	50.9	92.	20.35	49.2	63.0	43.8
21.	14.40	66.1	67.7	65.0	57.	17.40	52.4	57.6	51.4	93.	20.40	46.9	59.1	43.0
22.	14.45	66.7	70.5	65.2	58.	17.45	52.2	57.2	51.2	94.	20.45	46.6	58.7	42.3
23.	14.50	67.5	69.9	66.0	59.	17.50	53.0	57.0	52.0	95.	20.50	51.3	65.9	45.7
24.	14.55	68.7	71.7	66.9	60.	17.55	52.7	56.8	51.9	96.	20.55	48.7	59.3	44.5
25.	15.00	68.4	83.7	66.2	61.	18.00	52.2	56.0	51.3	97.	21.00	48.0	63.1	42.8
26.	15.05	67.4	75.5	65.6	62.	18.05	51.8	55.6	50.4	98.	21.05	49.2	66.3	42.3
27.	15.10	66.2	75.5	64.6	63.	18.10	51.1	55.3	50.2	99.	21.10	50.4	66.9	41.9
28.	15.15	66.4	75.6	64.4	64.	18.15	51.7	56.0	50.4	100.	21.15	43.7	61.2	41.9
29.	15.20	65.2	72.8	64.1	65.	18.20	51.6	56.2	50.3	101.	21.20	45.7	63.0	42.6
30.	15.25	65.8	68.0	64.3	66.	18.25	51.9	57.0	50.7	102.	21.25	47.1	56.9	42.3
31.	15.30	66.7	74.9	65.1	67.	18.30	50.7	55.7	49.4	103.	21.30	49.0	61.9	43.0
32.	15.35	68.6	74.6	65.4	68.	18.35	50.2	56.5	48.7	104.	21.35	45.4	61.6	41.8
33.	15.40	67.6	73.0	65.3	69.	18.40	50.3	55.9	48.9	105.	21.40	45.8	63.5	41.7
34.	15.45	67.0	77.0	65.4	70.	18.45	50.7	56.4	48.7	106.	21.45	43.0	57.5	41.7
35.	15.50	66.8	74.2	65.2	71.	18.50	51.2	55.9	49.7	107.	21.50	46.8	63.0	42.1
36.	15.55	66.3	69.3	65.3	72.	18.55	50.1	55.6	48.6	108.	21.55	46.6	61.2	42.8

**TET**

Thai Environmental Technic Limited
บริษัท เทคนิกลิ่งแวดล้อมไทย จำกัด

(5/2-3)

ริมรั้วหลังโรงงาน														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		14-15/02/23					14-15/02/23					14-15/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
109.	22.00	49.3	62.8	42.0	145.	01.00	46.6	67.3	44.5	181.	04.00	47.0	54.5	44.8
110.	22.05	42.9	55.7	40.8	146.	01.05	45.7	51.9	44.9	182.	04.05	47.5	55.8	44.0
111.	22.10	52.6	75.3	41.1	147.	01.10	46.2	54.4	45.5	183.	04.10	47.4	55.3	44.8
112.	22.15	44.1	58.9	41.3	148.	01.15	46.3	54.9	45.5	184.	04.15	47.7	57.5	44.4
113.	22.20	44.1	56.0	41.3	149.	01.20	47.5	70.8	45.7	185.	04.20	46.8	54.4	43.0
114.	22.25	50.9	69.6	41.9	150.	01.25	47.4	55.5	45.3	186.	04.25	45.8	57.0	42.2
115.	22.30	48.0	60.2	42.4	151.	01.30	47.4	58.0	45.3	187.	04.30	46.1	57.6	43.5
116.	22.35	47.1	65.8	42.2	152.	01.35	47.4	55.9	46.0	188.	04.35	45.5	57.0	43.2
117.	22.40	45.2	59.0	42.0	153.	01.40	46.9	60.8	45.5	189.	04.40	46.2	58.2	43.1
118.	22.45	44.8	59.0	41.7	154.	01.45	46.8	59.5	45.9	190.	04.45	44.1	53.1	41.9
119.	22.50	46.9	57.8	42.8	155.	01.50	47.3	55.9	46.3	191.	04.50	47.1	55.6	44.1
120.	22.55	47.0	61.5	42.8	156.	01.55	47.2	53.1	45.9	192.	04.55	48.4	65.0	45.8
121.	23.00	43.2	54.4	41.2	157.	02.00	47.0	56.3	45.8	193.	05.00	48.6	57.6	45.6
122.	23.05	45.8	63.7	43.0	158.	02.05	47.1	52.7	46.4	194.	05.05	48.8	64.4	46.3
123.	23.10	47.4	60.8	44.5	159.	02.10	47.1	50.5	46.8	195.	05.10	48.2	56.9	46.3
124.	23.15	48.4	62.2	43.7	160.	02.15	46.4	57.1	45.5	196.	05.15	48.1	59.1	46.2
125.	23.20	45.8	58.0	42.9	161.	02.20	46.5	56.9	45.2	197.	05.20	49.4	63.6	46.0
126.	23.25	43.6	58.2	42.1	162.	02.25	49.2	62.1	46.7	198.	05.25	47.7	61.4	45.8
127.	23.30	43.2	53.4	41.8	163.	02.30	48.5	59.7	46.5	199.	05.30	48.4	61.3	46.1
128.	23.35	45.9	59.9	42.3	164.	02.35	48.0	56.7	46.4	200.	05.35	45.7	55.7	44.4
129.	23.40	47.2	59.0	44.2	165.	02.40	47.5	66.4	45.3	201.	05.40	47.3	60.1	44.5
130.	23.45	44.7	64.8	41.7	166.	02.45	48.7	58.9	46.5	202.	05.45	47.2	56.3	45.3
131.	23.50	46.4	64.8	42.2	167.	02.50	49.0	60.8	44.4	203.	05.50	47.2	59.3	43.0
132.	23.55	44.9	64.9	40.8	168.	02.55	47.6	57.0	43.6	204.	05.55	48.4	65.0	45.3
133.	00.00	47.0	57.6	44.4	169.	03.00	47.2	56.4	43.7	205.	06.00	50.2	62.7	45.7
134.	00.05	49.5	74.8	42.5	170.	03.05	47.2	58.1	43.8	206.	06.05	46.2	62.6	44.4
135.	00.10	49.5	61.9	42.9	171.	03.10	46.0	55.5	42.9	207.	06.10	47.5	63.8	44.5
136.	00.15	44.6	54.4	42.4	172.	03.15	50.1	61.1	42.9	208.	06.15	46.8	57.6	44.2
137.	00.20	46.0	52.7	44.7	173.	03.20	47.6	56.8	42.9	209.	06.20	46.9	66.1	44.9
138.	00.25	46.0	53.5	44.3	174.	03.25	49.8	58.8	46.3	210.	06.25	45.5	54.6	44.3
139.	00.30	47.0	55.5	45.4	175.	03.30	49.9	61.5	44.3	211.	06.30	51.7	58.4	46.2
140.	00.35	46.5	57.4	43.6	176.	03.35	48.1	63.2	43.7	212.	06.35	54.5	59.0	53.9
141.	00.40	44.3	51.6	42.9	177.	03.40	51.6	63.9	48.5	213.	06.40	54.4	57.8	53.9
142.	00.45	53.2	81.7	43.5	178.	03.45	47.9	60.9	45.5	214.	06.45	54.8	62.3	54.2
143.	00.50	45.4	53.2	43.8	179.	03.50	50.1	63.3	47.2	215.	06.50	54.6	60.1	53.9
144.	00.55	45.4	56.3	44.4	180.	03.55	47.7	65.8	43.8	216.	06.55	54.6	59.4	53.9



Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(5/3-3)

ริมรั้วหลังโรงงาน

Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		14-15/02/23					14-15/02/23					14-15/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
217.	07.00	54.8	60.1	53.9	241.	09.00	68.5	83.5	65.5	265.	11.00	69.7	90.3	65.4
218.	07.05	55.4	64.5	54.4	242.	09.05	68.4	79.9	65.6	266.	11.05	69.9	85.2	65.8
219.	07.10	67.8	79.0	65.6	243.	09.10	68.3	80.0	65.2	267.	11.10	68.8	84.0	65.5
220.	07.15	69.0	76.5	65.6	244.	09.15	69.8	83.3	65.5	268.	11.15	69.5	84.0	66.0
221.	07.20	68.1	73.0	65.6	245.	09.20	68.4	80.8	65.1	269.	11.20	69.2	81.9	66.1
222.	07.25	66.5	70.4	64.8	246.	09.25	68.9	88.1	64.9	270.	11.25	69.4	80.8	66.2
223.	07.30	66.7	76.0	64.6	247.	09.30	68.0	84.9	64.8	271.	11.30	69.7	80.4	66.6
224.	07.35	67.0	78.0	65.3	248.	09.35	68.3	82.8	65.0	272.	11.35	69.8	85.4	66.4
225.	07.40	66.3	67.9	65.1	249.	09.40	67.4	80.0	65.0	273.	11.40	69.1	82.0	66.2
226.	07.45	67.0	78.9	65.1	250.	09.45	68.1	79.2	65.8	274.	11.45	68.5	80.8	66.7
227.	07.50	68.0	74.7	65.7	251.	09.50	69.1	82.5	65.9	275.	11.50	68.7	70.7	66.8
228.	07.55	66.8	76.2	64.1	252.	09.55	68.9	81.1	65.5	276.	11.55	69.3	71.3	67.6
229.	08.00	65.4	68.1	64.1	253.	10.00	68.0	82.4	65.4	277.	12.00	69.2	83.0	66.6
230.	08.05	66.0	73.9	64.4	254.	10.05	68.0	80.0	65.4	278.	12.05	68.8	73.9	66.9
231.	08.10	66.2	68.7	64.5	255.	10.10	67.7	77.6	65.4	279.	12.10	68.8	82.1	66.7
232.	08.15	67.1	74.2	65.9	256.	10.15	68.7	76.5	65.3	280.	12.15	68.4	77.7	66.2
233.	08.20	67.8	77.5	65.6	257.	10.20	67.5	75.6	65.2	281.	12.20	68.1	76.3	66.2
234.	08.25	67.2	75.7	65.7	258.	10.25	66.0	75.2	64.9	282.	12.25	67.9	73.0	66.4
235.	08.30	66.7	73.7	65.6	259.	10.30	66.0	67.2	65.0	283.	12.30	67.6	72.1	66.1
236.	08.35	67.5	79.0	65.5	260.	10.35	66.4	74.6	65.1	284.	12.35	67.7	73.0	66.1
237.	08.40	68.4	78.4	65.8	261.	10.40	67.7	78.3	65.4	285.	12.40	68.9	82.4	64.6
238.	08.45	67.5	79.3	65.5	262.	10.45	68.8	76.6	65.9	286.	12.45	67.1	76.2	63.2
239.	08.50	67.8	76.9	65.6	263.	10.50	68.5	78.4	65.3	287.	12.50	67.5	76.8	63.4
240.	08.55	67.5	76.7	65.8	264.	10.55	69.7	92.7	65.3	288.	12.55	65.9	81.6	62.1

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager



Thai Environmental Technic Limited

บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP
 Project : โครงการผลิตขวดทองแดงส่วนขยายครั้งที่ 1
 Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม
 อำเภอบางปะกง จังหวัดฉะเชิงเทรา
 Contact : Tel. (038)-573 231-5
 Job No. : S660063/Feb/1

Report No. : 0425/2023/6-7
 Report Date : February 24, 2023
 Sampling Date : February 10-17, 2023
 Type of Sample : Sound Level

(6/1-3)

ริมรั้วหลังโรงงาน														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		15-16/02/23					15-16/02/23					15-16/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
1.	13.00	66.3	84.3	61.2	37.	16.00	67.1	77.2	65.6	73.	19.00	53.8	69.5	49.6
2.	13.05	65.8	76.7	60.8	38.	16.05	67.8	71.9	66.3	74.	19.05	53.7	66.4	50.5
3.	13.10	66.0	78.5	60.6	39.	16.10	67.5	73.7	66.1	75.	19.10	58.1	74.8	51.4
4.	13.15	64.9	74.8	59.9	40.	16.15	68.3	84.0	66.3	76.	19.15	64.1	80.8	50.6
5.	13.20	65.7	78.3	64.1	41.	16.20	68.1	80.7	66.2	77.	19.20	63.6	85.4	47.5
6.	13.25	66.2	79.7	64.2	42.	16.25	67.6	83.0	66.0	78.	19.25	51.7	68.0	46.9
7.	13.30	66.8	77.8	64.1	43.	16.30	67.3	75.7	65.6	79.	19.30	50.6	63.0	47.6
8.	13.35	65.5	76.4	60.9	44.	16.35	67.1	71.2	65.8	80.	19.35	51.9	63.4	47.4
9.	13.40	64.3	73.4	61.5	45.	16.40	67.5	76.4	66.0	81.	19.40	50.4	71.0	46.5
10.	13.45	65.7	79.2	63.4	46.	16.45	68.1	78.9	66.3	82.	19.45	50.4	54.3	48.6
11.	13.50	65.0	74.1	63.6	47.	16.50	69.2	75.2	66.7	83.	19.50	51.2	61.2	50.3
12.	13.55	66.7	76.1	63.4	48.	16.55	69.7	81.2	66.8	84.	19.55	51.1	53.9	50.3
13.	14.00	66.6	78.0	62.8	49.	17.00	67.9	70.5	66.0	85.	20.00	51.3	54.1	50.7
14.	14.05	66.1	75.6	62.8	50.	17.05	66.8	72.4	65.6	86.	20.05	51.0	61.1	50.1
15.	14.10	64.4	74.1	62.7	51.	17.10	68.2	82.2	65.3	87.	20.10	51.4	61.2	50.3
16.	14.15	65.2	84.6	62.4	52.	17.15	66.9	77.8	65.3	88.	20.15	51.5	61.3	50.2
17.	14.20	64.4	76.8	62.3	53.	17.20	64.5	76.1	59.8	89.	20.20	50.8	54.5	50.2
18.	14.25	65.9	80.8	62.5	54.	17.25	62.3	80.2	59.7	90.	20.25	50.8	54.3	50.1
19.	14.30	67.0	78.5	62.6	55.	17.30	54.6	64.3	51.7	91.	20.30	50.8	53.9	50.2
20.	14.35	66.4	77.1	61.1	56.	17.35	57.8	76.1	52.0	92.	20.35	50.8	54.7	50.0
21.	14.40	64.3	72.3	61.1	57.	17.40	54.8	65.7	50.5	93.	20.40	51.3	55.0	50.6
22.	14.45	65.2	71.0	64.0	58.	17.45	53.9	76.9	48.4	94.	20.45	51.7	59.4	50.8
23.	14.50	65.2	71.2	63.9	59.	17.50	55.0	74.9	49.2	95.	20.50	52.8	60.2	51.1
24.	14.55	65.4	70.1	64.2	60.	17.55	53.0	68.0	47.8	96.	20.55	52.6	61.0	50.7
25.	15.00	65.3	73.9	64.2	61.	18.00	53.3	67.9	49.4	97.	21.00	55.1	74.3	50.9
26.	15.05	65.3	71.9	64.3	62.	18.05	52.7	67.5	46.7	98.	21.05	57.5	75.0	50.9
27.	15.10	65.2	69.2	64.2	63.	18.10	53.2	74.8	49.2	99.	21.10	51.0	58.4	50.2
28.	15.15	65.6	71.5	64.3	64.	18.15	56.6	76.6	52.2	100.	21.15	50.7	65.3	49.5
29.	15.20	66.5	73.8	64.7	65.	18.20	58.8	79.6	50.2	101.	21.20	50.6	62.5	49.2
30.	15.25	65.7	76.0	64.7	66.	18.25	56.6	76.2	49.9	102.	21.25	50.4	57.8	49.2
31.	15.30	67.5	78.7	65.3	67.	18.30	57.2	70.7	50.2	103.	21.30	50.4	63.8	47.7
32.	15.35	69.0	73.3	66.4	68.	18.35	55.4	69.9	49.4	104.	21.35	49.8	59.4	46.9
33.	15.40	67.1	75.2	65.1	69.	18.40	52.6	63.2	50.1	105.	21.40	48.6	61.3	46.2
34.	15.45	67.7	75.9	65.5	70.	18.45	53.5	68.9	48.9	106.	21.45	47.4	58.8	45.8
35.	15.50	67.4	76.3	65.8	71.	18.50	56.4	75.3	49.9	107.	21.50	47.3	55.6	45.4
36.	15.55	66.8	70.5	65.4	72.	18.55	62.7	80.3	48.1	108.	21.55	49.7	65.4	46.0



Thai Environmental Technic Limited
บริษัท เทคโนโลยีสิ่งแวดล้อมไทย จำกัด

(6/2-3)

07/2/23

ริมรั้วหลังโรงงาน														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		15-16/02/23					15-16/02/23					15-16/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
109.	22.00	49.9	65.2	47.3	145.	01.00	46.4	53.3	44.2	181.	04.00	46.6	64.0	41.1
110.	22.05	50.8	69.9	46.1	146.	01.05	46.9	59.4	43.9	182.	04.05	46.9	75.5	41.4
111.	22.10	50.1	62.0	47.4	147.	01.10	47.4	57.3	44.0	183.	04.10	49.8	63.0	47.6
112.	22.15	49.5	63.8	47.4	148.	01.15	45.9	56.5	43.9	184.	04.15	46.1	51.3	45.5
113.	22.20	50.7	60.8	48.0	149.	01.20	48.5	60.0	44.7	185.	04.20	46.0	49.6	45.5
114.	22.25	50.6	70.2	46.9	150.	01.25	51.4	65.9	44.8	186.	04.25	47.1	55.0	45.8
115.	22.30	48.3	60.4	45.8	151.	01.30	53.8	67.0	45.9	187.	04.30	48.7	54.6	46.2
116.	22.35	57.1	76.1	47.3	152.	01.35	48.0	56.5	45.0	188.	04.35	48.0	59.8	46.0
117.	22.40	50.0	65.6	47.5	153.	01.40	50.1	60.3	44.7	189.	04.40	48.2	53.7	46.7
118.	22.45	49.2	71.5	45.2	154.	01.45	48.1	59.6	44.2	190.	04.45	47.1	53.0	46.2
119.	22.50	48.0	58.5	45.1	155.	01.50	55.5	71.7	44.3	191.	04.50	46.5	51.5	46.1
120.	22.55	47.5	58.5	45.0	156.	01.55	53.8	72.8	44.0	192.	04.55	46.5	51.4	46.0
121.	23.00	48.3	63.7	45.3	157.	02.00	44.6	56.6	42.8	193.	05.00	46.6	49.8	46.2
122.	23.05	48.8	63.8	44.5	158.	02.05	46.9	60.8	43.6	194.	05.05	46.9	51.3	46.4
123.	23.10	49.9	68.3	44.1	159.	02.10	48.3	61.8	43.9	195.	05.10	46.8	50.5	46.4
124.	23.15	47.5	61.6	44.1	160.	02.15	46.3	59.3	43.6	196.	05.15	47.1	51.8	46.4
125.	23.20	48.4	61.4	44.7	161.	02.20	48.9	72.7	43.6	197.	05.20	47.4	54.1	46.3
126.	23.25	47.8	60.6	44.5	162.	02.25	46.1	56.6	43.5	198.	05.25	48.2	52.7	46.6
127.	23.30	49.2	60.1	45.0	163.	02.30	44.8	55.9	43.1	199.	05.30	48.4	53.8	46.8
128.	23.35	50.0	63.6	44.7	164.	02.35	45.2	55.1	43.4	200.	05.35	47.5	51.2	46.7
129.	23.40	47.0	62.1	44.2	165.	02.40	45.1	54.6	42.8	201.	05.40	48.8	54.5	47.0
130.	23.45	47.0	58.8	42.6	166.	02.45	44.0	57.2	42.6	202.	05.45	48.6	53.8	47.2
131.	23.50	45.9	53.2	43.4	167.	02.50	48.5	65.8	43.9	203.	05.50	48.8	56.1	47.0
132.	23.55	48.4	65.1	44.2	168.	02.55	46.2	60.8	43.0	204.	05.55	49.5	54.1	48.0
133.	00.00	46.5	57.6	43.0	169.	03.00	46.9	63.4	43.2	205.	06.00	49.6	53.5	48.4
134.	00.05	45.8	58.5	42.3	170.	03.05	45.8	59.3	43.0	206.	06.05	49.0	52.8	48.0
135.	00.10	45.1	59.3	42.9	171.	03.10	44.0	53.1	42.4	207.	06.10	48.9	53.2	47.8
136.	00.15	45.6	54.3	43.7	172.	03.15	45.0	55.3	42.7	208.	06.15	49.6	54.5	48.3
137.	00.20	55.0	70.9	47.3	173.	03.20	44.7	57.2	42.9	209.	06.20	49.9	56.9	48.6
138.	00.25	51.6	70.3	45.7	174.	03.25	47.8	62.6	44.6	210.	06.25	50.1	54.6	48.8
139.	00.30	48.4	58.2	45.6	175.	03.30	46.2	61.4	44.7	211.	06.30	50.1	55.1	48.8
140.	00.35	48.5	59.6	44.7	176.	03.35	45.3	55.3	44.0	212.	06.35	51.8	60.8	49.5
141.	00.40	47.5	57.3	45.0	177.	03.40	46.4	62.5	43.7	213.	06.40	52.3	71.6	48.7
142.	00.45	47.6	58.8	45.3	178.	03.45	45.5	59.7	43.8	214.	06.45	56.1	79.8	50.0
143.	00.50	47.0	57.2	44.3	179.	03.50	48.5	65.1	44.3	215.	06.50	52.3	63.9	48.5
144.	00.55	47.0	56.4	44.5	180.	03.55	48.4	62.2	44.2	216.	06.55	52.8	66.2	49.6



Thai Environmental Technic Limited
บริษัท เทคนิกลิ่งแวดล้อมไทย จำกัด

(6/3-3)

ริมรั้วหลังโรงงาน														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		15-16/02/23					15-16/02/23					15-16/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
217.	07.00	54.9	68.3	49.9	241.	09.00	67.0	71.3	64.9	265.	11.00	68.2	71.2	66.2
218.	07.05	58.1	76.5	48.4	242.	09.05	65.6	68.5	64.5	266.	11.05	68.4	75.2	66.3
219.	07.10	52.0	69.7	46.5	243.	09.10	66.1	77.0	64.4	267.	11.10	67.7	75.8	66.0
220.	07.15	68.5	84.6	44.8	244.	09.15	65.9	81.7	64.4	268.	11.15	67.8	78.9	65.9
221.	07.20	67.2	77.5	65.4	245.	09.20	65.3	69.4	64.3	269.	11.20	67.4	69.2	65.9
222.	07.25	67.8	75.0	65.6	246.	09.25	67.2	78.5	64.3	270.	11.25	67.6	81.9	65.3
223.	07.30	67.0	79.1	65.3	247.	09.30	65.9	74.9	64.8	271.	11.30	66.7	70.1	65.4
224.	07.35	70.1	75.8	66.4	248.	09.35	65.6	76.3	64.4	272.	11.35	66.6	69.5	65.6
225.	07.40	66.7	76.8	64.6	249.	09.40	66.1	74.0	64.5	273.	11.40	66.6	74.3	65.4
226.	07.45	66.3	80.7	64.6	250.	09.45	67.4	79.2	64.7	274.	11.45	66.8	75.1	65.4
227.	07.50	66.2	68.8	65.1	251.	09.50	65.6	70.4	64.3	275.	11.50	66.8	70.4	65.3
228.	07.55	66.9	74.7	65.4	252.	09.55	69.5	77.7	65.0	276.	11.55	67.7	77.1	65.4
229.	08.00	67.2	73.5	65.2	253.	10.00	67.4	81.2	64.9	277.	12.00	67.0	69.7	65.0
230.	08.05	67.9	79.0	65.9	254.	10.05	68.1	73.4	65.5	278.	12.05	67.4	74.9	65.3
231.	08.10	68.0	77.6	65.9	255.	10.10	68.3	73.7	65.6	279.	12.10	67.2	79.8	65.5
232.	08.15	67.7	75.6	65.8	256.	10.15	66.7	75.1	65.3	280.	12.15	68.0	77.3	65.7
233.	08.20	68.2	80.2	66.0	257.	10.20	66.5	75.0	65.1	281.	12.20	67.7	72.9	65.6
234.	08.25	67.6	69.2	66.3	258.	10.25	67.9	78.2	65.5	282.	12.25	67.4	75.5	65.7
235.	08.30	67.6	70.4	66.2	259.	10.30	68.1	77.9	66.1	283.	12.30	68.4	82.8	65.9
236.	08.35	66.9	69.2	65.4	260.	10.35	68.1	79.2	65.8	284.	12.35	67.6	77.0	65.9
237.	08.40	66.6	73.9	65.2	261.	10.40	66.9	68.3	65.6	285.	12.40	66.9	71.2	65.3
238.	08.45	68.3	80.8	65.5	262.	10.45	66.9	68.3	65.3	286.	12.45	66.5	68.0	65.2
239.	08.50	67.1	70.1	65.0	263.	10.50	67.9	80.0	65.9	287.	12.50	67.2	77.0	65.4
240.	08.55	66.7	70.3	65.2	264.	10.55	67.8	73.0	66.3	288.	12.55	67.6	72.5	65.9

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager



Thai Environmental Technic Limited

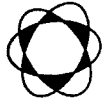
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP
 Project : โครงการผลิตขวดทองแดงส่วนขยายครั้งที่ 1
 Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม
 อำเภอบางปะกง จังหวัดฉะเชิงเทรา
 Contact : Tel. (038)-573 231-5
 Job No. : S660063/Feb/1

Report No. : 0425/2023/7-7
 Report Date : February 24, 2023
 Sampling Date : February 10-17, 2023
 Type of Sample : Sound Level

(7/1-3)

ริมรั้วหลังโรงงาน														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		16-17/02/23					16-17/02/23					16-17/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
1.	13.00	67.5	68.9	66.0	37.	16.00	65.7	68.1	64.6	73.	19.00	48.7	59.0	44.1
2.	13.05	67.5	73.0	66.1	38.	16.05	66.2	74.1	64.6	74.	19.05	45.0	52.4	43.8
3.	13.10	67.4	80.8	65.9	39.	16.10	66.3	77.7	64.8	75.	19.10	45.4	56.3	43.6
4.	13.15	66.8	68.2	65.7	40.	16.15	66.9	75.6	64.9	76.	19.15	49.1	64.3	44.2
5.	13.20	66.8	69.3	65.7	41.	16.20	66.7	72.2	65.2	77.	19.20	48.1	66.7	44.2
6.	13.25	67.5	82.7	65.6	42.	16.25	66.4	73.7	64.5	78.	19.25	44.8	55.3	43.8
7.	13.30	68.9	84.5	65.0	43.	16.30	66.2	73.0	64.5	79.	19.30	45.5	52.5	43.7
8.	13.35	67.7	81.0	64.6	44.	16.35	65.7	68.9	64.6	80.	19.35	45.5	57.6	44.3
9.	13.40	66.4	76.6	64.6	45.	16.40	66.2	67.8	64.4	81.	19.40	45.6	54.8	44.2
10.	13.45	66.4	73.8	64.8	46.	16.45	65.9	76.2	64.3	82.	19.45	46.5	59.1	44.6
11.	13.50	66.2	78.2	64.7	47.	16.50	64.3	82.7	60.7	83.	19.50	46.4	54.2	45.2
12.	13.55	66.0	75.0	64.3	48.	16.55	64.8	84.4	59.8	84.	19.55	46.1	54.6	45.1
13.	14.00	65.7	83.0	64.1	49.	17.00	61.8	80.6	58.6	85.	20.00	46.2	52.3	45.5
14.	14.05	65.3	70.2	64.2	50.	17.05	60.7	66.9	58.2	86.	20.05	46.2	53.8	45.6
15.	14.10	65.9	80.5	64.1	51.	17.10	62.1	77.0	58.6	87.	20.10	46.1	50.9	45.3
16.	14.15	66.8	85.3	64.2	52.	17.15	60.8	65.6	58.9	88.	20.15	47.1	60.3	45.6
17.	14.20	65.9	76.5	64.1	53.	17.20	61.0	69.9	58.8	89.	20.20	45.9	50.3	45.2
18.	14.25	66.1	77.8	64.3	54.	17.25	59.3	82.7	47.7	90.	20.25	45.8	50.0	45.4
19.	14.30	65.1	68.6	64.1	55.	17.30	65.9	86.1	55.1	91.	20.30	47.0	58.9	45.3
20.	14.35	65.1	67.1	64.2	56.	17.35	63.3	80.6	55.5	92.	20.35	49.1	70.2	46.4
21.	14.40	65.3	76.1	64.2	57.	17.40	55.6	59.2	54.9	93.	20.40	47.4	54.6	45.4
22.	14.45	65.3	70.0	64.1	58.	17.45	52.1	68.0	48.2	94.	20.45	47.9	58.8	46.0
23.	14.50	66.1	79.8	64.3	59.	17.50	51.9	61.6	48.7	95.	20.50	50.5	56.2	49.0
24.	14.55	65.8	73.6	64.5	60.	17.55	52.7	62.9	48.9	96.	20.55	58.1	85.9	48.3
25.	15.00	65.6	69.8	64.5	61.	18.00	53.3	63.0	49.8	97.	21.00	56.8	79.1	47.3
26.	15.05	65.6	69.2	64.3	62.	18.05	46.7	63.5	44.3	98.	21.05	48.2	57.6	46.7
27.	15.10	65.8	71.4	64.5	63.	18.10	48.1	62.1	44.4	99.	21.10	46.3	54.0	45.1
28.	15.15	66.4	74.2	64.5	64.	18.15	49.0	62.8	44.7	100.	21.15	47.8	57.3	46.2
29.	15.20	66.0	80.3	64.5	65.	18.20	50.6	63.8	45.8	101.	21.20	47.7	54.0	46.1
30.	15.25	66.1	68.5	64.6	66.	18.25	48.9	60.4	44.6	102.	21.25	48.1	53.2	46.7
31.	15.30	67.2	76.0	65.3	67.	18.30	48.4	60.8	44.8	103.	21.30	46.8	54.8	45.8
32.	15.35	67.4	73.5	64.9	68.	18.35	47.4	61.5	42.7	104.	21.35	47.8	51.7	46.8
33.	15.40	65.9	70.5	64.8	69.	18.40	46.3	56.8	44.8	105.	21.40	49.1	53.4	47.9
34.	15.45	65.9	77.7	64.7	70.	18.45	47.4	60.6	44.6	106.	21.45	49.6	56.9	47.7
35.	15.50	67.0	77.5	64.7	71.	18.50	47.8	63.1	44.8	107.	21.50	48.3	58.8	46.8
36.	15.55	65.8	68.8	64.7	72.	18.55	51.3	77.8	45.0	108.	21.55	47.8	51.7	46.9



Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(7/2-3)

ริมรั้วหลังโรงงาน														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		16-17/02/23					16-17/02/23					16-17/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
109.	22.00	48.6	53.3	47.6	145.	01.00	52.4	64.8	50.0	181.	04.00	48.5	62.4	44.1
110.	22.05	54.5	77.1	48.2	146.	01.05	51.2	64.0	49.1	182.	04.05	46.3	62.0	43.3
111.	22.10	50.7	70.9	47.6	147.	01.10	51.6	71.7	47.6	183.	04.10	49.6	65.2	43.2
112.	22.15	48.9	55.8	47.4	148.	01.15	49.2	54.8	45.5	184.	04.15	46.5	63.8	42.9
113.	22.20	50.7	59.6	48.3	149.	01.20	50.4	63.7	47.8	185.	04.20	45.4	58.1	43.1
114.	22.25	51.8	61.7	49.5	150.	01.25	49.6	68.1	48.5	186.	04.25	44.0	57.9	43.0
115.	22.30	50.7	56.9	49.0	151.	01.30	47.2	51.9	44.6	187.	04.30	46.8	61.3	43.3
116.	22.35	47.7	52.6	46.9	152.	01.35	52.4	71.8	47.9	188.	04.35	46.5	60.3	42.3
117.	22.40	56.5	80.4	46.6	153.	01.40	49.4	62.1	47.2	189.	04.40	51.9	67.4	42.4
118.	22.45	48.6	73.7	46.3	154.	01.45	48.2	62.1	46.2	190.	04.45	49.3	69.8	42.9
119.	22.50	48.0	53.4	47.1	155.	01.50	57.8	81.6	47.5	191.	04.50	49.5	69.0	42.8
120.	22.55	49.7	54.8	48.5	156.	01.55	58.8	79.5	47.9	192.	04.55	46.9	61.2	43.1
121.	23.00	48.0	53.8	46.7	157.	02.00	47.5	57.3	47.0	193.	05.00	49.2	65.5	43.1
122.	23.05	46.1	51.8	44.3	158.	02.05	47.2	50.2	46.8	194.	05.05	47.9	64.8	43.1
123.	23.10	46.0	58.0	44.9	159.	02.10	48.0	49.8	47.7	195.	05.10	50.5	65.8	43.5
124.	23.15	45.9	57.4	45.2	160.	02.15	48.2	50.8	47.6	196.	05.15	52.2	65.7	44.2
125.	23.20	46.6	53.9	45.5	161.	02.20	47.7	54.4	47.2	197.	05.20	50.7	70.5	45.2
126.	23.25	45.9	59.0	44.6	162.	02.25	50.1	64.3	47.5	198.	05.25	47.5	61.3	43.9
127.	23.30	45.4	56.7	44.4	163.	02.30	47.9	63.7	45.1	199.	05.30	49.2	61.8	44.3
128.	23.35	53.8	78.9	43.9	164.	02.35	46.9	56.9	46.0	200.	05.35	57.7	75.4	49.4
129.	23.40	45.1	50.0	44.3	165.	02.40	47.7	57.8	46.7	201.	05.40	63.2	84.0	46.1
130.	23.45	47.2	62.5	45.8	166.	02.45	47.7	56.5	46.8	202.	05.45	46.8	59.1	44.8
131.	23.50	50.4	54.5	49.1	167.	02.50	47.8	51.1	46.8	203.	05.50	51.4	72.0	44.3
132.	23.55	48.9	75.5	47.7	168.	02.55	48.0	50.5	47.5	204.	05.55	45.7	59.7	43.8
133.	00.00	54.3	79.4	45.1	169.	03.00	49.8	64.0	47.1	205.	06.00	62.4	79.3	45.4
134.	00.05	45.4	53.1	44.2	170.	03.05	48.3	59.3	46.9	206.	06.05	61.2	78.8	47.5
135.	00.10	45.9	67.8	44.3	171.	03.10	48.0	53.0	47.3	207.	06.10	61.6	79.5	48.4
136.	00.15	45.3	50.1	44.8	172.	03.15	48.3	53.4	47.4	208.	06.15	51.7	65.3	48.2
137.	00.20	49.1	61.0	46.4	173.	03.20	48.0	56.1	46.9	209.	06.20	53.5	64.4	49.9
138.	00.25	50.8	59.9	49.7	174.	03.25	50.0	65.1	47.1	210.	06.25	52.5	65.1	48.2
139.	00.30	50.7	55.2	49.7	175.	03.30	55.4	66.9	47.4	211.	06.30	50.0	64.9	47.6
140.	00.35	50.5	61.8	48.7	176.	03.35	57.0	66.1	54.3	212.	06.35	57.2	77.6	49.4
141.	00.40	51.2	56.9	49.5	177.	03.40	55.8	65.4	53.0	213.	06.40	60.2	77.6	56.5
142.	00.45	49.7	53.1	48.8	178.	03.45	56.6	67.2	52.9	214.	06.45	59.5	71.5	56.6
143.	00.50	51.3	55.0	50.3	179.	03.50	56.4	65.0	53.4	215.	06.50	60.9	64.6	58.4
144.	00.55	51.9	55.9	50.4	180.	03.55	52.2	64.6	46.8	216.	06.55	61.7	65.2	60.3

**TET**

Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(7/3-3)

ริมรั้วหลังโรงงาน														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		16-17/02/23					16-17/02/23					16-17/02/23		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
217.	07.00	62.8	81.9	60.2	241.	09.00	66.4	75.0	64.9	265.	11.00	66.2	69.1	64.9
218.	07.05	62.9	72.3	60.3	242.	09.05	67.0	83.7	65.1	266.	11.05	66.9	70.3	65.2
219.	07.10	66.9	75.4	65.4	243.	09.10	66.8	78.7	65.0	267.	11.10	66.6	68.0	65.3
220.	07.15	67.2	78.4	65.3	244.	09.15	66.3	73.4	64.7	268.	11.15	67.0	75.3	65.7
221.	07.20	66.3	75.6	64.8	245.	09.20	66.1	75.0	64.6	269.	11.20	66.7	74.4	65.5
222.	07.25	69.6	75.2	65.8	246.	09.25	65.8	73.3	64.7	270.	11.25	66.6	73.6	65.2
223.	07.30	67.7	76.4	65.7	247.	09.30	67.0	74.6	65.1	271.	11.30	67.0	76.3	65.5
224.	07.35	65.2	72.8	62.5	248.	09.35	66.8	73.6	65.1	272.	11.35	67.0	75.6	65.4
225.	07.40	65.4	76.0	62.3	249.	09.40	67.1	72.7	65.2	273.	11.40	66.5	71.8	65.3
226.	07.45	67.5	76.0	65.1	250.	09.45	66.6	75.9	64.9	274.	11.45	66.8	68.8	65.4
227.	07.50	66.6	71.8	64.5	251.	09.50	66.6	74.4	64.5	275.	11.50	66.4	73.0	65.2
228.	07.55	66.3	74.0	64.6	252.	09.55	66.2	68.7	65.0	276.	11.55	66.2	74.5	65.1
229.	08.00	66.3	73.3	64.6	253.	10.00	66.9	74.3	65.1	277.	12.00	65.5	67.6	64.6
230.	08.05	66.1	75.5	64.6	254.	10.05	66.0	72.2	64.9	278.	12.05	65.6	67.3	64.6
231.	08.10	66.7	74.6	64.6	255.	10.10	66.1	75.8	64.8	279.	12.10	66.2	73.6	64.8
232.	08.15	65.7	77.6	64.3	256.	10.15	66.5	71.4	64.9	280.	12.15	66.4	77.4	65.1
233.	08.20	65.8	68.5	64.6	257.	10.20	66.8	70.2	65.6	281.	12.20	70.0	75.4	65.5
234.	08.25	66.1	76.1	64.3	258.	10.25	67.1	73.3	65.6	282.	12.25	67.0	77.7	65.1
235.	08.30	66.1	75.7	64.8	259.	10.30	67.5	72.3	65.7	283.	12.30	67.1	75.4	65.4
236.	08.35	66.4	74.0	64.9	260.	10.35	68.3	75.2	65.9	284.	12.35	66.8	78.3	65.3
237.	08.40	67.0	76.5	65.2	261.	10.40	69.7	74.8	64.9	285.	12.40	66.8	74.9	65.2
238.	08.45	67.4	74.4	65.6	262.	10.45	66.1	73.9	64.3	286.	12.45	66.4	72.8	65.2
239.	08.50	66.8	75.0	65.5	263.	10.50	65.4	66.9	64.4	287.	12.50	65.9	66.9	64.9
240.	08.55	67.0	68.6	65.6	264.	10.55	67.6	72.5	65.1	288.	12.55	65.8	67.6	65.0

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager



TEST REPORT

Customer Name : บริษัท ไทยเมทัลโปรดิวส์ จำกัด/TMP

Report No. : 2023/1-35

Project : โครงการผลิตขวดทองแดงส่วนขยาย ครั้งที่ 1

Report Date : May 9, 2023

Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม

Sampling Date : February 10-17 & May 1-2, 2023

อำเภอบางปะกง จังหวัดฉะเชิงเทรา

Type of Sample : เสียงรบกวน

Contact : Tel. (038) 573 231-5

Job No. : S660063/May

(1/1-3)

Item	Time	Result (dB(A))				
		ริมรั้วด้านหน้าโรงงาน				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		10-11/02/23	01-02/05/23	-	01-02/05/23	-
1.	13.00-14.00	58.1	52.8	56.6	42.9	13.7
2.	14.00-15.00	55.8	53.6	51.8	44.7	7.1
3.	15.00-16.00	53.4	54.0	53.4	46.3	7.1
4.	16.00-17.00	52.5	54.3	52.5	46.7	5.8
5.	17.00-18.00	54.7	53.6	48.2	45.3	2.9
6.	18.00-19.00	53.4	55.9	53.4	44.4	9.0
7.	19.00-20.00	53.0	52.2	45.3	43.6	1.7
8.	20.00-21.00	55.6	52.5	52.7	42.3	10.4
9.	21.00-22.00	58.7	50.2	58.0	41.2	16.8
10.	22.00-22.05	54.9	46.8	57.2	39.8	17.4
	22.05-22.10	54.8	45.7	57.2	40.0	17.2
	22.10-22.15	60.3	48.2	63.0	40.2	22.8
	22.15-22.20	55.7	44.8	58.3	39.7	18.6
	22.20-22.25	53.3	52.1	50.1	40.6	9.5
	22.25-22.30	50.1	47.1	50.1	40.4	9.7
	22.30-22.35	50.0	46.5	50.4	40.1	10.3
	22.35-22.40	50.6	47.0	51.1	39.7	11.4
	22.40-22.45	48.8	47.5	45.9	39.7	6.2
	22.45-22.50	54.0	47.5	55.9	39.4	16.5
	22.50-22.55	50.1	50.9	50.1	40.3	9.8
	22.55-23.00	49.6	54.4	49.6	40.0	9.6
11.	23.00-23.05	50.1	49.5	44.2	40.1	4.1
	23.05-23.10	51.2	47.8	51.5	40.2	11.3
	23.10-23.15	50.0	47.2	49.8	41.3	8.5
	23.15-23.20	48.7	48.0	43.4	40.3	3.1
	23.20-23.25	47.9	47.6	39.1	40.1	-1.0
	23.25-23.30	48.3	45.7	47.8	39.9	7.9
	23.30-23.35	48.3	46.3	47.0	40.1	6.9
	23.35-23.40	50.4	46.5	51.1	40.4	10.7
	23.40-23.45	47.0	54.9	47.0	40.7	6.3
	23.45-23.50	59.6	46.0	62.4	39.9	22.5
	23.50-23.55	47.4	45.8	45.3	40.0	5.3
	23.55-00.00	47.6	49.2	47.6	40.3	7.3
Standard ⁽¹⁾⁽²⁾						10



TEST REPORT

(1/2-3)

Item	Time	Result (dB(A))				
		ริมรั้วด้านหน้าโรงงาน				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีกรรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		10-11/02/23	01-02/05/23	-	01-02/05/23	-
12.	00.00-00.05	48.4	47.5	44.1	41.2	2.9
	00.05-00.10	47.3	51.1	47.3	41.6	5.7
	00.10-00.15	51.2	47.6	51.7	40.0	11.7
	00.15-00.20	57.5	47.2	60.1	40.5	19.6
	00.20-00.25	48.6	47.1	46.3	40.4	5.9
	00.25-00.30	49.0	44.1	50.3	38.8	11.5
	00.30-00.35	49.3	45.5	50.0	39.2	10.8
	00.35-00.40	49.1	43.3	50.8	39.1	11.7
	00.40-00.45	50.4	42.7	52.6	39.3	13.3
	00.45-00.50	48.4	46.9	46.1	39.0	7.1
	00.50-00.55	47.2	45.6	45.1	39.5	5.6
	00.55-01.00	46.5	44.3	45.5	39.2	6.3
13.	01.00-01.05	46.9	49.9	46.9	44.3	2.6
	01.05-01.10	47.5	48.3	47.5	44.3	3.2
	01.10-01.15	49.1	51.0	49.1	43.8	5.3
	01.15-01.20	47.6	48.4	47.6	43.5	4.1
	01.20-01.25	47.6	50.6	47.6	43.4	4.2
	01.25-01.30	49.7	47.5	48.7	43.9	4.8
	01.30-01.35	47.2	50.9	47.2	43.9	3.3
	01.35-01.40	48.6	48.3	39.8	43.9	-4.1
	01.40-01.45	58.2	48.0	60.8	44.4	16.4
	01.45-01.50	47.6	48.5	47.6	44.7	2.9
	01.50-01.55	46.6	48.5	46.6	44.4	2.2
	01.55-02.00	58.1	46.9	60.8	44.1	16.7
14.	02.00-02.05	53.8	47.4	55.7	43.5	12.2
	02.05-02.10	47.6	45.4	46.6	43.7	2.9
	02.10-02.15	49.7	47.6	48.5	43.9	4.6
	02.15-02.20	47.7	45.4	46.8	43.6	3.2
	02.20-02.25	49.4	45.6	50.1	42.9	7.2
	02.25-02.30	47.7	45.4	46.8	42.7	4.1
	02.30-02.35	48.6	47.8	43.9	44.0	-0.1
	02.35-02.40	47.1	48.0	47.1	43.9	3.2
	02.40-02.45	49.3	47.8	47.0	43.8	3.2
	02.45-02.50	46.3	47.5	46.3	43.6	2.7
	02.50-02.55	46.9	45.1	45.2	43.4	1.8
	02.55-03.00	48.8	44.5	49.8	43.2	6.6
15.	03.00-03.05	46.8	45.2	44.7	43.5	1.2
	03.05-03.10	46.8	50.7	46.8	44.3	2.5
	03.10-03.15	49.4	46.1	49.7	43.9	5.8
	03.15-03.20	46.0	46.3	46.0	43.9	2.1
	03.20-03.25	45.3	46.8	45.3	43.5	1.8
	03.25-03.30	45.3	46.6	45.3	43.4	1.9
	03.30-03.35	45.9	47.3	45.9	43.7	2.2
	03.35-03.40	45.2	52.2	45.2	43.5	1.7
	03.40-03.45	46.2	45.9	37.4	42.8	-5.4
	03.45-03.50	50.5	50.2	41.7	42.2	-0.5
	03.50-03.55	46.0	47.5	46.0	43.3	2.7
	03.55-04.00	49.2	47.5	47.3	43.6	3.7
Standard ⁽¹⁾⁽²⁾						10

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TEST REPORT

(1/3-3)

Item	Time	Result (dB(A))				
		ริมรั้วด้านหน้าโรงงาน				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		10-11/02/23	01-02/05/23	-	01-02/05/23	-
16.	04.00-04.05	48.9	45.6	49.2	42.8	6.4
	04.05-04.10	48.1	49.7	48.1	42.7	5.4
	04.10-04.15	49.0	46.4	48.5	42.3	6.2
	04.15-04.20	49.9	43.4	51.8	42.4	9.4
	04.20-04.25	49.1	46.0	49.2	42.3	6.9
	04.25-04.30	46.3	47.7	46.3	42.4	3.9
	04.30-04.35	47.4	44.3	47.5	41.9	5.6
	04.35-04.40	49.9	45.4	51.0	42.8	8.2
	04.40-04.45	57.8	46.1	60.5	43.1	17.4
	04.45-04.50	57.7	43.8	60.5	42.7	17.8
17.	04.50-04.55	47.4	51.1	47.4	43.0	4.4
	04.55-05.00	46.5	45.7	41.8	42.7	-0.9
	05.00-05.05	45.8	48.5	45.8	41.5	4.3
	05.05-05.10	45.4	47.8	45.4	42.1	3.3
	05.10-05.15	45.7	46.8	45.7	43.1	2.6
	05.15-05.20	46.8	45.1	44.9	43.0	1.9
	05.20-05.25	46.1	47.0	46.1	43.7	2.4
	05.25-05.30	47.5	45.7	45.8	43.5	2.3
	05.30-05.35	46.8	46.8	46.8	43.5	3.3
	05.35-05.40	46.9	46.9	46.9	43.4	3.5
18.	05.40-05.45	60.0	46.9	62.8	43.5	19.3
	05.45-05.50	62.9	46.6	65.8	42.9	22.9
	05.50-05.55	60.5	51.4	62.9	44.0	18.9
	05.55-06.00	46.7	46.4	37.9	42.9	-5.0
	06.00-07.00	53.8	50.6	51.0	42.9	8.1
	07.00-08.00	48.4	57.8	48.4	45.6	2.8
	08.00-09.00	47.9	53.4	47.9	45.0	2.9
	09.00-10.00	50.2	52.5	50.2	44.2	6.0
	10.00-11.00	58.3	53.4	56.6	43.9	12.7
	11.00-12.00	59.0	52.7	57.8	43.3	14.5
24.	12.00-13.00	56.9	54.7	52.9	42.8	10.1
Standard ⁽¹⁾⁽²⁾						10

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

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

Remark : Reference to Pollution Control Department (2022) (B.E. 2565)

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager

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- DO NOT COPY PARTIAL OF THIS ANALYSIS REPORT WITHOUT OFFICIAL APPROVAL



TEST REPORT

Customer Name : บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP

Report No. : 2023/2-35

Project : โครงการผลิตขวดทองแดงส่วนขยาย ครั้งที่ 1

Report Date : May 9, 2023

Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม
อำเภอบางปะกง จังหวัดฉะเชิงเทรา

Sampling Date : February 10-17 & May 1-2, 2023

Type of Sample : เสียงรบกวน

Contact : Tel. (038) 573 231-5

Job No. : S660063/May

(2/1-3)

Item	Time	Result (dB(A))				
		ริมรั้วด้านหน้าโรงงาน				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		11-12/02/23	01-02/05/23	-	01-02/05/23	-
1.	13.00-14.00	58.2	52.8	56.7	42.9	13.8
2.	14.00-15.00	52.4	53.6	52.4	44.7	7.7
3.	15.00-16.00	53.7	54.0	53.7	46.3	7.4
4.	16.00-17.00	52.8	54.3	52.8	46.7	6.1
5.	17.00-18.00	52.3	53.6	52.3	45.3	7.0
6.	18.00-19.00	52.2	55.9	52.2	44.4	7.8
7.	19.00-20.00	53.4	52.2	47.2	43.6	3.6
8.	20.00-21.00	53.9	52.5	48.3	42.3	6.0
9.	21.00-22.00	56.6	50.2	55.5	41.2	14.3
10.	22.00-22.05	47.6	46.8	42.9	39.8	3.1
	22.05-22.10	58.3	45.7	61.1	40.0	21.1
	22.10-22.15	48.5	48.2	39.7	40.2	-0.5
	22.15-22.20	49.4	44.8	50.6	39.7	10.9
	22.20-22.25	51.1	52.1	51.1	40.6	10.5
	22.25-22.30	51.3	47.1	52.2	40.4	11.8
	22.30-22.35	50.3	46.5	51.0	40.1	10.9
	22.35-22.40	53.8	47.0	55.8	39.7	16.1
	22.40-22.45	52.0	47.5	53.1	39.7	13.4
	22.45-22.50	50.2	47.5	49.9	39.4	10.5
11.	22.50-22.55	53.6	50.9	53.3	40.3	13.0
	22.55-23.00	51.1	54.4	51.1	40.0	11.1
	23.00-23.05	50.1	49.5	44.2	40.1	4.1
	23.05-23.10	49.3	47.8	47.0	40.2	6.8
	23.10-23.15	51.2	47.2	52.0	41.3	10.7
	23.15-23.20	49.2	48.0	46.0	40.3	5.7
	23.20-23.25	50.1	47.6	49.5	40.1	9.4
	23.25-23.30	50.4	45.7	51.6	39.9	11.7
	23.30-23.35	49.9	46.3	50.4	40.1	10.3
	23.35-23.40	50.3	46.5	51.0	40.4	10.6
	23.40-23.45	51.0	54.9	51.0	40.7	10.3
	23.45-23.50	50.2	46.0	51.1	39.9	11.2
	23.50-23.55	50.3	45.8	51.4	40.0	11.4
	23.55-00.00	49.2	49.2	49.2	40.3	8.9
Standard ⁽¹⁾⁽²⁾						10



TEST REPORT

(2/2-3)

Item	Time	Result (dB(A))				
		ริมรั้วด้านหน้าโรงงาน				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		11-12/02/23	01-02/05/23	-	01-02/05/23	-
12.	00.00-00.05	50.5	47.5	50.5	41.2	9.3
	00.05-00.10	51.3	51.1	40.8	41.6	-0.8
	00.10-00.15	51.1	47.6	51.5	40.0	11.5
	00.15-00.20	50.3	47.2	50.4	40.5	9.9
	00.20-00.25	50.3	47.1	50.5	40.4	10.1
	00.25-00.30	50.9	44.1	52.9	38.8	14.1
	00.30-00.35	49.2	45.5	49.8	39.2	10.6
	00.35-00.40	50.2	43.3	52.2	39.1	13.1
	00.40-00.45	65.5	42.7	68.5	39.3	29.2
	00.45-00.50	48.7	46.9	47.0	39.0	8.0
	00.50-00.55	48.6	45.6	48.6	39.5	9.1
	00.55-01.00	49.5	44.3	50.9	39.2	11.7
13.	01.00-01.05	48.7	49.9	48.7	44.3	4.4
	01.05-01.10	52.0	48.3	52.6	44.3	8.3
	01.10-01.15	48.4	51.0	48.4	43.8	4.6
	01.15-01.20	48.7	48.4	39.9	43.5	-3.6
	01.20-01.25	48.6	50.6	48.6	43.4	5.2
	01.25-01.30	50.4	47.5	50.3	43.9	6.4
	01.30-01.35	48.1	50.9	48.1	43.9	4.2
	01.35-01.40	48.1	48.3	48.1	43.9	4.2
	01.40-01.45	48.9	48.0	44.6	44.4	0.2
	01.45-01.50	49.5	48.5	45.6	44.7	0.9
	01.50-01.55	51.6	48.5	51.7	44.4	7.3
	01.55-02.00	50.4	46.9	50.8	44.1	6.7
14.	02.00-02.05	49.0	47.4	46.9	43.5	3.4
	02.05-02.10	48.7	45.4	49.0	43.7	5.3
	02.10-02.15	48.0	47.6	40.4	43.9	-3.5
	02.15-02.20	48.4	45.4	48.4	43.6	4.8
	02.20-02.25	48.2	45.6	47.7	42.9	4.8
	02.25-02.30	47.8	45.4	47.1	42.7	4.4
	02.30-02.35	46.4	47.8	46.4	44.0	2.4
	02.35-02.40	46.3	48.0	46.3	43.9	2.4
	02.40-02.45	46.7	47.8	46.7	43.8	2.9
	02.45-02.50	46.9	47.5	46.9	43.6	3.3
	02.50-02.55	47.1	45.1	45.8	43.4	2.4
	02.55-03.00	47.3	44.5	47.1	43.2	3.9
15.	03.00-03.05	47.2	45.2	45.9	43.5	2.4
	03.05-03.10	47.1	50.7	47.1	44.3	2.8
	03.10-03.15	47.8	46.1	45.9	43.9	2.0
	03.15-03.20	48.2	46.3	46.7	43.9	2.8
	03.20-03.25	46.8	46.8	46.8	43.5	3.3
	03.25-03.30	46.3	46.6	46.3	43.4	2.9
	03.30-03.35	48.5	47.3	45.3	43.7	1.6
	03.35-03.40	46.8	52.2	46.8	43.5	3.3
	03.40-03.45	47.1	45.9	43.9	42.8	1.1
	03.45-03.50	48.1	50.2	48.1	42.2	5.9
	03.50-03.55	47.4	47.5	47.4	43.3	4.1
	03.55-04.00	53.4	47.5	55.1	43.6	11.5
Standard ⁽¹⁾⁽²⁾						10

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TEST REPORT

(2/3-3)

Item	Time	Result (dB(A))				
		ริมรั้วด้านหน้าโรงงาน				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		11-12/02/23	01-02/05/23	-	01-02/05/23	-
16.	04.00-04.05	52.7	45.6	54.8	42.8	12.0
	04.05-04.10	48.4	49.7	48.4	42.7	5.7
	04.10-04.15	48.4	46.4	47.1	42.3	4.8
	04.15-04.20	46.7	43.4	47.0	42.4	4.6
	04.20-04.25	49.2	46.0	49.4	42.3	7.1
	04.25-04.30	50.6	47.7	50.5	42.4	8.1
	04.30-04.35	50.9	44.3	52.8	41.9	10.9
	04.35-04.40	48.8	45.4	49.1	42.8	6.3
	04.40-04.45	48.7	46.1	48.2	43.1	5.1
	04.45-04.50	48.5	43.8	49.7	42.7	7.0
17.	04.50-04.55	49.7	51.1	49.7	43.0	6.7
	04.55-05.00	49.5	45.7	50.2	42.7	7.5
	05.00-05.05	49.8	48.5	46.9	41.5	5.4
	05.05-05.10	48.3	47.8	41.7	42.1	-0.4
	05.10-05.15	47.9	46.8	44.4	43.1	1.3
	05.15-05.20	48.7	45.1	49.2	43.0	6.2
	05.20-05.25	50.7	47.0	51.3	43.7	7.6
	05.25-05.30	50.9	45.7	52.3	43.5	8.8
	05.30-05.35	50.4	46.8	50.9	43.5	7.4
	05.35-05.40	50.1	46.9	50.3	43.4	6.9
18.	05.40-05.45	50.2	46.9	50.5	43.5	7.0
	05.45-05.50	50.0	46.6	50.3	42.9	7.4
	05.50-05.55	49.7	51.4	49.7	44.0	5.7
	05.55-06.00	49.4	46.4	49.4	42.9	6.5
	06.00-07.00	49.7	50.6	49.7	42.9	6.8
	07.00-08.00	49.2	57.8	49.2	45.6	3.6
	08.00-09.00	49.8	53.4	49.8	45.0	4.8
	09.00-10.00	53.2	52.5	44.9	44.2	0.7
	10.00-11.00	57.9	53.4	56.0	43.9	12.1
	11.00-12.00	59.6	52.7	58.6	43.3	15.3
24.	12.00-13.00	54.6	54.7	54.6	42.8	11.8
Standard ⁽¹⁾⁽²⁾						10

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

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

Remark : Reference to Pollution Control Department (2022) (B.E. 2565)

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager



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

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

TEST REPORT

Customer Name : บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP
Project : โครงการผลิตขวดทองแดงส่วนขยาย ครั้งที่ 1
Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม
อำเภอบางปะกง จังหวัดฉะเชิงเทรา
Contact : Tel. (038) 573 231-5
Job No. : S660063/May

Report No. : 2023/3-35
Report Date : May 9, 2023
Sampling Date : February 10-17 & May 1-2, 2023
Type of Sample : เสียงรบกวน

(3/1-3)

Item	Time	Result (dB(A))				
		ริมรั้วด้านหน้าโรงงาน				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		12-13/02/23	01-02/05/23	-	01-02/05/23	-
1.	13.00-14.00	56.4	52.8	53.9	42.9	11.0
2.	14.00-15.00	54.4	53.6	46.7	44.7	2.0
3.	15.00-16.00	56.0	54.0	51.7	46.3	5.4
4.	16.00-17.00	53.6	54.3	53.6	46.7	6.9
5.	17.00-18.00	56.1	53.6	52.5	45.3	7.2
6.	18.00-19.00	56.1	55.9	42.6	44.4	-1.8
7.	19.00-20.00	52.4	52.2	38.9	43.6	-4.7
8.	20.00-21.00	54.9	52.5	51.2	42.3	8.9
9.	21.00-22.00	53.4	50.2	50.6	41.2	9.4
10.	22.00-22.05	47.5	46.8	42.2	39.8	2.4
	22.05-22.10	53.6	45.7	55.8	40.0	15.8
	22.10-22.15	53.2	48.2	54.5	40.2	14.3
	22.15-22.20	52.8	44.8	55.1	39.7	15.4
	22.20-22.25	52.5	52.1	44.9	40.6	4.3
	22.25-22.30	60.1	47.1	62.9	40.4	22.5
	22.30-22.35	57.2	46.5	59.8	40.1	19.7
	22.35-22.40	50.7	47.0	51.3	39.7	11.6
	22.40-22.45	51.8	47.5	52.8	39.7	13.1
	22.45-22.50	51.0	47.5	51.4	39.4	12.0
	22.50-22.55	50.7	50.9	50.7	40.3	10.4
	22.55-23.00	51.3	54.4	51.3	40.0	11.3
11.	23.00-23.05	56.2	49.5	58.2	40.1	18.1
	23.05-23.10	54.5	47.8	56.5	40.2	16.3
	23.10-23.15	50.8	47.2	51.3	41.3	10.0
	23.15-23.20	51.3	48.0	51.6	40.3	11.3
	23.20-23.25	52.6	47.6	53.9	40.1	13.8
	23.25-23.30	50.4	45.7	51.6	39.9	11.7
	23.30-23.35	52.0	46.3	53.6	40.1	13.5
	23.35-23.40	50.3	46.5	51.0	40.4	10.6
	23.40-23.45	53.7	54.9	53.7	40.7	13.0
	23.45-23.50	51.8	46.0	53.5	39.9	13.6
	23.50-23.55	50.6	45.8	51.9	40.0	11.9
	23.55-00.00	51.8	49.2	51.3	40.3	11.0
Standard ⁽¹⁾⁽²⁾						10

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TEST REPORT

(3/2-3)

Item	Time	Result (dB(A))				
		ริมรั้วด้านหน้าโรงงาน				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		12-13/02/23	01-02/05/23	-	01-02/05/23	-
12.	00.00-00.05	49.9	47.5	49.2	41.2	8.0
	00.05-00.10	51.8	51.1	46.5	41.6	4.9
	00.10-00.15	48.9	47.6	46.0	40.0	6.0
	00.15-00.20	48.9	47.2	47.0	40.5	6.5
	00.20-00.25	50.4	47.1	50.7	40.4	10.3
	00.25-00.30	49.7	44.1	51.3	38.8	12.5
	00.30-00.35	50.8	45.5	52.3	39.2	13.1
	00.35-00.40	49.9	43.3	51.8	39.1	12.7
	00.40-00.45	66.0	42.7	69.0	39.3	29.7
	00.45-00.50	49.7	46.9	49.5	39.0	10.5
	00.50-00.55	50.4	45.6	51.7	39.5	12.2
	00.55-01.00	52.3	44.3	54.6	39.2	15.4
13.	01.00-01.05	49.7	49.9	49.7	44.3	5.4
	01.05-01.10	50.0	48.3	48.1	44.3	3.8
	01.10-01.15	54.4	51.0	54.7	43.8	10.9
	01.15-01.20	49.3	48.4	45.0	43.5	1.5
	01.20-01.25	48.7	50.6	48.7	43.4	5.3
	01.25-01.30	49.6	47.5	48.4	43.9	4.5
	01.30-01.35	49.0	50.9	49.0	43.9	5.1
	01.35-01.40	50.8	48.3	50.2	43.9	6.3
	01.40-01.45	49.3	48.0	46.4	44.4	2.0
	01.45-01.50	48.9	48.5	41.3	44.7	-3.4
	01.50-01.55	50.0	48.5	47.7	44.4	3.3
	01.55-02.00	48.6	46.9	46.7	44.1	2.6
14.	02.00-02.05	51.6	47.4	52.5	43.5	9.0
	02.05-02.10	51.2	45.4	52.9	43.7	9.2
	02.10-02.15	51.7	47.6	52.6	43.9	8.7
	02.15-02.20	51.9	45.4	53.8	43.6	10.2
	02.20-02.25	50.4	45.6	51.7	42.9	8.8
	02.25-02.30	50.9	45.4	52.5	42.7	9.8
	02.30-02.35	51.0	47.8	51.2	44.0	7.2
	02.35-02.40	50.4	48.0	49.7	43.9	5.8
	02.40-02.45	50.1	47.8	49.2	43.8	5.4
	02.45-02.50	49.9	47.5	49.2	43.6	5.6
	02.50-02.55	50.1	45.1	51.4	43.4	8.0
	02.55-03.00	49.3	44.5	50.6	43.2	7.4
15.	03.00-03.05	49.3	45.2	50.2	43.5	6.7
	03.05-03.10	48.6	50.7	48.6	44.3	4.3
	03.10-03.15	49.1	46.1	49.1	43.9	5.2
	03.15-03.20	49.0	46.3	48.7	43.9	4.8
	03.20-03.25	50.2	46.8	50.5	43.5	7.0
	03.25-03.30	49.2	46.6	48.7	43.4	5.3
	03.30-03.35	51.6	47.3	52.6	43.7	8.9
	03.35-03.40	52.7	52.2	46.1	43.5	2.6
	03.40-03.45	48.9	45.9	48.9	42.8	6.1
	03.45-03.50	49.1	50.2	49.1	42.2	6.9
	03.50-03.55	50.0	47.5	49.4	43.3	6.1
	03.55-04.00	47.9	47.5	40.3	43.6	-3.3
Standard ⁽¹⁾⁽²⁾						10

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TEST REPORT

(3/3-3)

Item	Time	Result (dB(A))				
		ริมรั้วด้านหน้าโรงงาน				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีกรรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		12-13/02/23	01-02/05/23	-	01-02/05/23	-
16.	04.00-04.05	47.8	45.6	46.8	42.8	4.0
	04.05-04.10	53.3	49.7	53.8	42.7	11.1
	04.10-04.15	50.7	46.4	51.7	42.3	9.4
	04.15-04.20	47.7	43.4	48.7	42.4	6.3
	04.20-04.25	48.3	46.0	47.4	42.3	5.1
	04.25-04.30	48.4	47.7	43.1	42.4	0.7
	04.30-04.35	48.4	44.3	49.3	41.9	7.4
	04.35-04.40	49.9	45.4	51.0	42.8	8.2
	04.40-04.45	49.8	46.1	50.4	43.1	7.3
	04.45-04.50	48.6	43.8	49.9	42.7	7.2
	04.50-04.55	48.9	51.1	48.9	43.0	5.9
	04.55-05.00	47.7	45.7	46.4	42.7	3.7
17.	05.00-05.05	46.9	48.5	46.9	41.5	5.4
	05.05-05.10	47.2	47.8	47.2	42.1	5.1
	05.10-05.15	47.2	46.8	39.6	43.1	-3.5
	05.15-05.20	47.4	45.1	46.5	43.0	3.5
	05.20-05.25	48.8	47.0	47.1	43.7	3.4
	05.25-05.30	48.4	45.7	48.1	43.5	4.6
	05.30-05.35	48.5	46.8	46.6	43.5	3.1
	05.35-05.40	48.4	46.9	46.1	43.4	2.7
	05.40-05.45	54.1	46.9	56.2	43.5	12.7
	05.45-05.50	47.9	46.6	45.0	42.9	2.1
	05.50-05.55	48.4	51.4	48.4	44.0	4.4
	05.55-06.00	48.1	46.4	46.2	42.9	3.3
18.	06.00-07.00	48.6	50.6	48.6	42.9	5.7
19.	07.00-08.00	49.7	57.8	49.7	45.6	4.1
20.	08.00-09.00	52.4	53.4	52.4	45.0	7.4
21.	09.00-10.00	57.1	52.5	55.3	44.2	11.1
22.	10.00-11.00	54.1	53.4	45.8	43.9	1.9
23.	11.00-12.00	59.5	52.7	58.5	43.3	15.2
24.	12.00-13.00	55.1	54.7	44.5	42.8	1.7
Standard ⁽¹⁾⁽²⁾						10

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

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

Remark : Reference to Pollution Control Department (2022) (B.E. 2565)

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager

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TEST REPORT

Customer Name : บริษัท ไทยเมทัลโปรดิวส์ จำกัด/TMP

Report No. : 2023/4-35

Project : โครงการผลิตลวดทองแดงส่วนขยาย ครั้งที่ 1

Report Date : May 9, 2023

Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม
อำเภอบางปะกง จังหวัดฉะเชิงเทรา

Sampling Date : February 10-17 & May 1-2, 2023

Type of Sample : เสียงรบกวน

Contact : Tel. (038) 573 231-5

Job No. : S660063/May

(4/1-3)

Item	Time	Result (dB(A))				
		ริมรั้วด้านหน้าโรงงาน				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		13-14/02/23	01-02/05/23	-	01-02/05/23	-
1.	13.00-14.00	54.7	52.8	50.2	42.9	7.3
2.	14.00-15.00	55.0	53.6	49.4	44.7	4.7
3.	15.00-16.00	53.3	54.0	53.3	46.3	7.0
4.	16.00-17.00	57.3	54.3	54.3	46.7	7.6
5.	17.00-18.00	52.3	53.6	52.3	45.3	7.0
6.	18.00-19.00	54.8	55.9	54.8	44.4	10.4
7.	19.00-20.00	52.8	52.2	43.9	43.6	0.3
8.	20.00-21.00	54.5	52.5	50.2	42.3	7.9
9.	21.00-22.00	54.0	50.2	51.7	41.2	10.5
10.	22.00-22.05	52.1	46.8	53.6	39.8	13.8
	22.05-22.10	51.5	45.7	53.2	40.0	13.2
	22.10-22.15	50.3	48.2	49.1	40.2	8.9
	22.15-22.20	50.4	44.8	52.0	39.7	12.3
	22.20-22.25	50.9	52.1	50.9	40.6	10.3
	22.25-22.30	53.2	47.1	55.0	40.4	14.6
	22.30-22.35	49.8	46.5	50.1	40.1	10.0
	22.35-22.40	49.5	47.0	48.9	39.7	9.2
	22.40-22.45	52.0	47.5	53.1	39.7	13.4
	22.45-22.50	51.5	47.5	52.3	39.4	12.9
	22.50-22.55	52.1	50.9	48.9	40.3	8.6
	22.55-23.00	50.7	54.4	50.7	40.0	10.7
11.	23.00-23.05	51.5	49.5	50.2	40.1	10.1
	23.05-23.10	49.9	47.8	48.7	40.2	8.5
	23.10-23.15	50.0	47.2	49.8	41.3	8.5
	23.15-23.20	52.7	48.0	53.9	40.3	13.6
	23.20-23.25	49.9	47.6	49.0	40.1	8.9
	23.25-23.30	49.1	45.7	49.4	39.9	9.5
	23.30-23.35	49.0	46.3	48.7	40.1	8.6
	23.35-23.40	50.4	46.5	51.1	40.4	10.7
	23.40-23.45	48.4	54.9	48.4	40.7	7.7
	23.45-23.50	49.0	46.0	49.0	39.9	9.1
	23.50-23.55	48.7	45.8	48.6	40.0	8.6
	23.55-00.00	49.2	49.2	49.2	40.3	8.9
Standard ⁽¹⁾⁽²⁾						10



TEST REPORT

(4/2-3)

Item	Time	Result (dB(A))				
		ริมรั้วด้านหน้าโรงงาน				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		13-14/02/23	01-02/05/23	-	01-02/05/23	-
12.	00.00-00.05	49.3	47.5	47.6	41.2	6.4
	00.05-00.10	52.9	51.1	51.2	41.6	9.6
	00.10-00.15	49.3	47.6	47.4	40.0	7.4
	00.15-00.20	47.5	47.2	38.7	40.5	-1.8
	00.20-00.25	48.7	47.1	46.6	40.4	6.2
	00.25-00.30	48.0	44.1	48.7	38.8	9.9
	00.30-00.35	48.7	45.5	48.9	39.2	9.7
	00.35-00.40	49.0	43.3	50.6	39.1	11.5
	00.40-00.45	51.3	42.7	53.7	39.3	14.4
	00.45-00.50	48.8	46.9	47.3	39.0	8.3
13.	00.50-00.55	48.5	45.6	48.4	39.5	8.9
	00.55-01.00	49.2	44.3	50.5	39.2	11.3
	01.00-01.05	49.1	49.9	49.1	44.3	4.8
	01.05-01.10	48.9	48.3	43.0	44.3	-1.3
	01.10-01.15	50.8	51.0	50.8	43.8	7.0
	01.15-01.20	53.6	48.4	55.0	43.5	11.5
	01.20-01.25	50.1	50.6	50.1	43.4	6.7
	01.25-01.30	49.9	47.5	49.2	43.9	5.3
	01.30-01.35	53.7	50.9	53.5	43.9	9.6
	01.35-01.40	48.1	48.3	48.1	43.9	4.2
14.	01.40-01.45	47.6	48.0	47.6	44.4	3.2
	01.45-01.50	51.1	48.5	50.6	44.7	5.9
	01.50-01.55	54.0	48.5	55.6	44.4	11.2
	01.55-02.00	49.4	46.9	48.8	44.1	4.7
	02.00-02.05	47.4	47.4	47.4	43.5	3.9
	02.05-02.10	48.0	45.4	47.5	43.7	3.8
	02.10-02.15	46.8	47.6	46.8	43.9	2.9
	02.15-02.20	53.5	45.4	55.8	43.6	12.2
	02.20-02.25	47.8	45.6	46.8	42.9	3.9
	02.25-02.30	49.3	45.4	50.0	42.7	7.3
15.	02.30-02.35	50.4	47.8	49.9	44.0	5.9
	02.35-02.40	50.7	48.0	50.4	43.9	6.5
	02.40-02.45	50.5	47.8	50.2	43.8	6.4
	02.45-02.50	50.3	47.5	50.1	43.6	6.5
	02.50-02.55	50.4	45.1	51.9	43.4	8.5
	02.55-03.00	50.4	44.5	52.1	43.2	8.9
	03.00-03.05	50.3	45.2	51.7	43.5	8.2
	03.05-03.10	50.3	50.7	50.3	44.3	6.0
	03.10-03.15	50.5	46.1	51.5	43.9	7.6
	03.15-03.20	51.1	46.3	52.4	43.9	8.5
	03.20-03.25	50.5	46.8	51.1	43.5	7.6
	03.25-03.30	50.6	46.6	51.4	43.4	8.0
	03.30-03.35	51.0	47.3	51.6	43.7	7.9
	03.35-03.40	50.5	52.2	50.5	43.5	7.0
	03.40-03.45	50.6	45.9	51.8	42.8	9.0
	03.45-03.50	50.0	50.2	50.0	42.2	7.8
	03.50-03.55	56.4	47.5	58.8	43.3	15.5
	03.55-04.00	50.3	47.5	50.1	43.6	6.5
Standard ⁽¹⁾⁽²⁾						10

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TEST REPORT

(4/3-3)

Item	Time	Result (dB(A))				
		ริมรั้วด้านหน้าโรงงาน				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		13-14/02/23	01-02/05/23	-	01-02/05/23	-
16.	04.00-04.05	49.4	45.6	50.1	42.8	7.3
	04.05-04.10	49.4	49.7	49.4	42.7	6.7
	04.10-04.15	50.7	46.4	51.7	42.3	9.4
	04.15-04.20	49.0	43.4	50.6	42.4	8.2
	04.20-04.25	49.1	46.0	49.2	42.3	6.9
	04.25-04.30	48.7	47.7	44.8	42.4	2.4
	04.30-04.35	49.0	44.3	50.2	41.9	8.3
	04.35-04.40	48.8	45.4	49.1	42.8	6.3
	04.40-04.45	49.6	46.1	50.0	43.1	6.9
	04.45-04.50	50.3	43.8	52.2	42.7	9.5
	04.50-04.55	49.9	51.1	49.9	43.0	6.9
	04.55-05.00	49.9	45.7	50.8	42.7	8.1
17.	05.00-05.05	49.7	48.5	46.5	41.5	5.0
	05.05-05.10	48.2	47.8	40.6	42.1	-1.5
	05.10-05.15	47.4	46.8	41.5	43.1	-1.6
	05.15-05.20	47.4	45.1	46.5	43.0	3.5
	05.20-05.25	47.9	47.0	43.6	43.7	-0.1
	05.25-05.30	47.4	45.7	45.5	43.5	2.0
	05.30-05.35	47.7	46.8	43.4	43.5	-0.1
	05.35-05.40	47.7	46.9	43.0	43.4	-0.4
	05.40-05.45	47.3	46.9	39.7	43.5	-3.8
	05.45-05.50	47.3	46.6	42.0	42.9	-0.9
	05.50-05.55	47.2	51.4	47.2	44.0	3.2
	05.55-06.00	46.5	46.4	33.1	42.9	-9.8
18.	06.00-07.00	47.9	50.6	47.9	42.9	5.0
19.	07.00-08.00	48.5	57.8	48.5	45.6	2.9
20.	08.00-09.00	49.9	53.4	49.9	45.0	4.9
21.	09.00-10.00	51.4	52.5	51.4	44.2	7.2
22.	10.00-11.00	54.1	53.4	45.8	43.9	1.9
23.	11.00-12.00	58.9	52.7	57.7	43.3	14.4
24.	12.00-13.00	56.1	54.7	50.5	42.8	7.7
Standard ⁽¹⁾⁽²⁾						10

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

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

Remark : Reference to Pollution Control Department (2022) (B.E. 2565)

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager

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TEST REPORT

Customer Name : บริษัท ไทยเมทัลโพรเซสซิ่ง จำกัด/TMP

Report No. : 2023/5-35

Project : โครงการผลิตขวดทองแดงส่วนขยาย ครั้งที่ 1

Report Date : May 9, 2023

Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม
อำเภอบางปะกง จังหวัดฉะเชิงเทรา

Sampling Date : February 10-17 & May 1-2, 2023

Contact : Tel. (038) 573 231-5

Type of Sample : เสียงรบกวน

Job No. : S660063/May

(5/1-3)

Item	Time	Result (dB(A))				
		ริมรั้วด้านหน้าโรงงาน				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (L _{eq})	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		14-15/02/23	01-02/05/23	-	01-02/05/23	-
1.	13.00-14.00	55.2	52.8	51.5	42.9	8.6
2.	14.00-15.00	59.5	53.6	58.2	44.7	13.5
3.	15.00-16.00	57.5	54.0	54.9	46.3	8.6
4.	16.00-17.00	55.2	54.3	47.9	46.7	1.2
5.	17.00-18.00	58.1	53.6	56.2	45.3	10.9
6.	18.00-19.00	53.4	55.9	53.4	44.4	9.0
7.	19.00-20.00	55.4	52.2	52.6	43.6	9.0
8.	20.00-21.00	56.3	52.5	54.0	42.3	11.7
9.	21.00-22.00	59.0	50.2	58.4	41.2	17.2
10.	22.00-22.05	55.1	46.8	57.4	39.8	17.6
	22.05-22.10	53.0	45.7	55.1	40.0	15.1
	22.10-22.15	52.9	48.2	54.1	40.2	13.9
	22.15-22.20	53.3	44.8	55.6	39.7	15.9
	22.20-22.25	53.2	52.1	49.7	40.6	9.1
	22.25-22.30	51.2	47.1	52.1	40.4	11.7
	22.30-22.35	50.4	46.5	51.1	40.1	11.0
	22.35-22.40	53.0	47.0	54.7	39.7	15.0
	22.40-22.45	48.9	47.5	46.3	39.7	6.6
	22.45-22.50	50.1	47.5	49.6	39.4	10.2
	22.50-22.55	50.0	50.9	50.0	40.3	9.7
	22.55-23.00	54.1	54.4	54.1	40.0	14.1
11.	23.00-23.05	48.9	49.5	48.9	40.1	8.8
	23.05-23.10	48.4	47.8	42.5	40.2	2.3
	23.10-23.15	47.7	47.2	41.1	41.3	-0.2
	23.15-23.20	48.2	48.0	37.7	40.3	-2.6
	23.20-23.25	47.4	47.6	47.4	40.1	7.3
	23.25-23.30	48.1	45.7	47.4	39.9	7.5
	23.30-23.35	50.6	46.3	51.6	40.1	11.5
	23.35-23.40	51.8	46.5	53.3	40.4	12.9
	23.40-23.45	48.4	54.9	48.4	40.7	7.7
	23.45-23.50	48.2	46.0	47.2	39.9	7.3
	23.50-23.55	49.1	45.8	49.4	40.0	9.4
	23.55-00.00	48.1	49.2	48.1	40.3	7.8
Standard ⁽¹⁾⁽²⁾						10



TEST REPORT

(5/2-3)

Item	Time	Result (dB(A))				
		ริมรั้วด้านหน้าโรงงาน				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		14-15/02/23	01-02/05/23	-	01-02/05/23	-
12.	00.00-00.05	49.2	47.5	47.3	41.2	6.1
	00.05-00.10	48.6	51.1	48.6	41.6	7.0
	00.10-00.15	48.2	47.6	42.3	40.0	2.3
	00.15-00.20	50.9	47.2	51.5	40.5	11.0
	00.20-00.25	49.8	47.1	49.5	40.4	9.1
	00.25-00.30	51.6	44.1	53.7	38.8	14.9
	00.30-00.35	49.2	45.5	49.8	39.2	10.6
	00.35-00.40	48.2	43.3	49.5	39.1	10.4
	00.40-00.45	51.1	42.7	53.4	39.3	14.1
	00.45-00.50	48.4	46.9	46.1	39.0	7.1
13.	00.50-00.55	49.0	45.6	49.3	39.5	9.8
	00.55-01.00	48.1	44.3	48.8	39.2	9.6
	01.00-01.05	46.6	49.9	46.6	44.3	2.3
	01.05-01.10	49.1	48.3	44.4	44.3	0.1
	01.10-01.15	47.5	51.0	47.5	43.8	3.7
	01.15-01.20	47.2	48.4	47.2	43.5	3.7
	01.20-01.25	48.9	50.6	48.9	43.4	5.5
	01.25-01.30	47.1	47.5	47.1	43.9	3.2
	01.30-01.35	49.0	50.9	49.0	43.9	5.1
	01.35-01.40	46.7	48.3	46.7	43.9	2.8
14.	01.40-01.45	47.1	48.0	47.1	44.4	2.7
	01.45-01.50	47.8	48.5	47.8	44.7	3.1
	01.50-01.55	48.5	48.5	48.5	44.4	4.1
	01.55-02.00	48.5	46.9	46.4	44.1	2.3
	02.00-02.05	49.5	47.4	48.3	43.5	4.8
	02.05-02.10	48.8	45.4	49.1	43.7	5.4
	02.10-02.15	47.5	47.6	47.5	43.9	3.6
	02.15-02.20	45.7	45.4	36.9	43.6	-6.7
	02.20-02.25	49.4	45.6	50.1	42.9	7.2
	02.25-02.30	46.0	45.4	40.1	42.7	-2.6
15.	02.30-02.35	46.2	47.8	46.2	44.0	2.2
	02.35-02.40	46.1	48.0	46.1	43.9	2.2
	02.40-02.45	51.6	47.8	52.3	43.8	8.5
	02.45-02.50	52.6	47.5	54.0	43.6	10.4
	02.50-02.55	46.1	45.1	42.2	43.4	-1.2
	02.55-03.00	45.0	44.5	38.4	43.2	-4.8
	03.00-03.05	45.9	45.2	40.6	43.5	-2.9
	03.05-03.10	47.8	50.7	47.8	44.3	3.5
	03.10-03.15	51.1	46.1	52.4	43.9	8.5
	03.15-03.20	46.5	46.3	36.0	43.9	-7.9
	03.20-03.25	48.8	46.8	47.5	43.5	4.0
	03.25-03.30	48.7	46.6	47.5	43.4	4.1
	03.30-03.35	46.5	47.3	46.5	43.7	2.8
	03.35-03.40	49.0	52.2	49.0	43.5	5.5
	03.40-03.45	56.2	45.9	58.8	42.8	16.0
	03.45-03.50	49.1	50.2	49.1	42.2	6.9
	03.50-03.55	48.1	47.5	42.2	43.3	-1.1
	03.55-04.00	47.4	47.5	47.4	43.6	3.8
Standard ⁽¹⁾⁽²⁾						10

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TEST REPORT

(5/3-3)

Item	Time	Result (dB(A))				
		ริมรั้วด้านหน้าโรงงาน				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		14-15/02/23	01-02/05/23	-	01-02/05/23	-
16.	04.00-04.05	49.4	45.6	50.1	42.8	7.3
	04.05-04.10	49.3	49.7	49.3	42.7	6.6
	04.10-04.15	46.7	46.4	37.9	42.3	-4.4
	04.15-04.20	46.3	43.4	46.2	42.4	3.8
	04.20-04.25	47.5	46.0	45.2	42.3	2.9
	04.25-04.30	46.6	47.7	46.6	42.4	4.2
	04.30-04.35	46.6	44.3	45.7	41.9	3.8
	04.35-04.40	46.5	45.4	43.0	42.8	0.2
	04.40-04.45	46.0	46.1	46.0	43.1	2.9
	04.45-04.50	48.0	43.8	48.9	42.7	6.2
	04.50-04.55	47.4	51.1	47.4	43.0	4.4
	04.55-05.00	49.1	45.7	49.4	42.7	6.7
17.	05.00-05.05	48.0	48.5	48.0	41.5	6.5
	05.05-05.10	46.3	47.8	46.3	42.1	4.2
	05.10-05.15	46.8	46.8	46.8	43.1	3.7
	05.15-05.20	45.7	45.1	39.8	43.0	-3.2
	05.20-05.25	45.5	47.0	45.5	43.7	1.8
	05.25-05.30	45.4	45.7	45.4	43.5	1.9
	05.30-05.35	45.9	46.8	45.9	43.5	2.4
	05.35-05.40	46.1	46.9	46.1	43.4	2.7
	05.40-05.45	46.3	46.9	46.3	43.5	2.8
	05.45-05.50	46.6	46.6	46.6	42.9	3.7
	05.50-05.55	49.2	51.4	49.2	44.0	5.2
	05.55-06.00	49.4	46.4	49.4	42.9	6.5
18.	06.00-07.00	48.8	50.6	48.8	42.9	5.9
19.	07.00-08.00	48.3	57.8	48.3	45.6	2.7
20.	08.00-09.00	49.7	53.4	49.7	45.0	4.7
21.	09.00-10.00	51.0	52.5	51.0	44.2	6.8
22.	10.00-11.00	54.2	53.4	46.5	43.9	2.6
23.	11.00-12.00	61.3	52.7	60.7	43.3	17.4
24.	12.00-13.00	56.7	54.7	52.4	42.8	9.6
Standard ⁽¹⁾⁽²⁾						10

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

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

Remark : Reference to Pollution Control Department (2022) (B.E. 2565)

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager

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TEST REPORT

Customer Name : บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP

Report No. : 2023/6-35

Project : โครงการผลิตขวดทองแดงส่วนขยาย ครั้งที่ 1

Report Date : May 9, 2023

Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม
อำเภอบางปะกง จังหวัดฉะเชิงเทรา

Sampling Date : February 10-17 & May 1-2, 2023

Type of Sample : เสียงรบกวน

Contact : Tel. (038) 573 231-5

Job No. : S660063/May

(6/1-3)

Item	Time	Result (dB(A))				
		ริมรั้วด้านหน้าโรงงาน				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		15-16/02/23	01-02/05/23	-	01-02/05/23	-
1.	13.00-14.00	61.0	52.8	60.3	42.9	17.4
2.	14.00-15.00	56.0	53.6	52.3	44.7	7.6
3.	15.00-16.00	49.0	54.0	49.0	46.3	2.7
4.	16.00-17.00	55.3	54.3	48.4	46.7	1.7
5.	17.00-18.00	59.3	53.6	57.9	45.3	12.6
6.	18.00-19.00	58.3	55.9	54.6	44.4	10.2
7.	19.00-20.00	57.7	52.2	56.3	43.6	12.7
8.	20.00-21.00	51.9	52.5	51.9	42.3	9.6
9.	21.00-22.00	55.6	50.2	54.1	41.2	12.9
10.	22.00-22.05	49.4	46.8	48.9	39.8	9.1
	22.05-22.10	49.5	45.7	50.2	40.0	10.2
	22.10-22.15	49.2	48.2	45.3	40.2	5.1
	22.15-22.20	65.6	44.8	68.6	39.7	28.9
	22.20-22.25	50.3	52.1	50.3	40.6	9.7
	22.25-22.30	61.8	47.1	64.7	40.4	24.3
	22.30-22.35	48.7	46.5	47.7	40.1	7.6
	22.35-22.40	48.4	47.0	45.8	39.7	6.1
	22.40-22.45	48.3	47.5	43.6	39.7	3.9
	22.45-22.50	49.1	47.5	47.0	39.4	7.6
	22.50-22.55	63.8	50.9	66.6	40.3	26.3
	22.55-23.00	49.0	54.4	49.0	40.0	9.0
11.	23.00-23.05	54.0	49.5	55.1	40.1	15.0
	23.05-23.10	47.7	47.8	47.7	40.2	7.5
	23.10-23.15	49.2	47.2	47.9	41.3	6.6
	23.15-23.20	48.9	48.0	44.6	40.3	4.3
	23.20-23.25	48.1	47.6	41.5	40.1	1.4
	23.25-23.30	48.5	45.7	48.3	39.9	8.4
	23.30-23.35	48.3	46.3	47.0	40.1	6.9
	23.35-23.40	48.1	46.5	46.0	40.4	5.6
	23.40-23.45	48.7	54.9	48.7	40.7	8.0
	23.45-23.50	49.4	46.0	49.7	39.9	9.8
	23.50-23.55	48.3	45.8	47.7	40.0	7.7
	23.55-00.00	48.1	49.2	48.1	40.3	7.8
Standard ⁽¹⁾⁽²⁾						10



TEST REPORT

(6/2-3)

Item	Time	Result (dB(A))				
		ริมรั้วด้านหน้าโรงงาน				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		15-16/02/23	01-02/05/23	-	01-02/05/23	-
12.	00.00-00.05	50.0	47.5	49.4	41.2	8.2
	00.05-00.10	48.4	51.1	48.4	41.6	6.8
	00.10-00.15	48.9	47.6	46.0	40.0	6.0
	00.15-00.20	48.4	47.2	45.2	40.5	4.7
	00.20-00.25	49.1	47.1	47.8	40.4	7.4
	00.25-00.30	55.3	44.1	58.0	38.8	19.2
	00.30-00.35	52.3	45.5	54.3	39.2	15.1
	00.35-00.40	66.2	43.3	69.2	39.1	30.1
	00.40-00.45	67.5	42.7	70.5	39.3	31.2
	00.45-00.50	64.4	46.9	67.3	39.0	28.3
	00.50-00.55	58.2	45.6	61.0	39.5	21.5
	00.55-01.00	51.6	44.3	53.7	39.2	14.5
13.	01.00-01.05	49.6	49.9	49.6	44.3	5.3
	01.05-01.10	49.0	48.3	43.7	44.3	-0.6
	01.10-01.15	51.3	51.0	42.5	43.8	-1.3
	01.15-01.20	49.7	48.4	46.8	43.5	3.3
	01.20-01.25	48.8	50.6	48.8	43.4	5.4
	01.25-01.30	58.7	47.5	61.4	43.9	17.5
	01.30-01.35	49.0	50.9	49.0	43.9	5.1
	01.35-01.40	49.4	48.3	45.9	43.9	2.0
	01.40-01.45	56.2	48.0	58.5	44.4	14.1
	01.45-01.50	64.9	48.5	67.8	44.7	23.1
	01.50-01.55	49.7	48.5	46.5	44.4	2.1
	01.55-02.00	48.8	46.9	47.3	44.1	3.2
14.	02.00-02.05	52.5	47.4	53.9	43.5	10.4
	02.05-02.10	49.3	45.4	50.0	43.7	6.3
	02.10-02.15	49.7	47.6	48.5	43.9	4.6
	02.15-02.20	49.2	45.4	49.9	43.6	6.3
	02.20-02.25	49.1	45.6	49.5	42.9	6.6
	02.25-02.30	53.4	45.4	55.7	42.7	13.0
	02.30-02.35	51.1	47.8	51.4	44.0	7.4
	02.35-02.40	56.0	48.0	58.3	43.9	14.4
	02.40-02.45	49.6	47.8	47.9	43.8	4.1
	02.45-02.50	48.4	47.5	44.1	43.6	0.5
	02.50-02.55	48.7	45.1	49.2	43.4	5.8
	02.55-03.00	49.2	44.5	50.4	43.2	7.2
15.	03.00-03.05	51.1	45.2	52.8	43.5	9.3
	03.05-03.10	49.9	50.7	49.9	44.3	5.6
	03.10-03.15	49.3	46.1	49.5	43.9	5.6
	03.15-03.20	49.0	46.3	48.7	43.9	4.8
	03.20-03.25	48.6	46.8	46.9	43.5	3.4
	03.25-03.30	49.1	46.6	48.5	43.4	5.1
	03.30-03.35	55.3	47.3	57.6	43.7	13.9
	03.35-03.40	49.1	52.2	49.1	43.5	5.6
	03.40-03.45	49.9	45.9	50.7	42.8	7.9
	03.45-03.50	51.3	50.2	47.8	42.2	5.6
	03.50-03.55	50.0	47.5	49.4	43.3	6.1
	03.55-04.00	49.7	47.5	48.7	43.6	5.1
Standard ⁽¹⁾⁽²⁾						10

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TEST REPORT

(6/3-3)

Item	Time	Result (dB(A))				
		ริมรั้วด้านหน้าโรงงาน				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		15-16/02/23	01-02/05/23	-	01-02/05/23	-
16.	04.00-04.05	49.9	45.6	50.9	42.8	8.1
	04.05-04.10	50.7	49.7	46.8	42.7	4.1
	04.10-04.15	49.8	46.4	50.1	42.3	7.8
	04.15-04.20	50.5	43.4	52.6	42.4	10.2
	04.20-04.25	51.1	46.0	52.5	42.3	10.2
	04.25-04.30	51.3	47.7	51.8	42.4	9.4
	04.30-04.35	51.1	44.3	53.1	41.9	11.2
	04.35-04.40	50.8	45.4	52.3	42.8	9.5
	04.40-04.45	50.1	46.1	50.9	43.1	7.8
	04.45-04.50	48.9	43.8	50.3	42.7	7.6
	04.50-04.55	49.9	51.1	49.9	43.0	6.9
	04.55-05.00	51.3	45.7	52.9	42.7	10.2
17.	05.00-05.05	49.7	48.5	46.5	41.5	5.0
	05.05-05.10	52.2	47.8	53.2	42.1	11.1
	05.10-05.15	51.0	46.8	51.9	43.1	8.8
	05.15-05.20	51.7	45.1	53.6	43.0	10.6
	05.20-05.25	56.0	47.0	58.4	43.7	14.7
	05.25-05.30	57.0	45.7	59.7	43.5	16.2
	05.30-05.35	53.7	46.8	55.7	43.5	12.2
	05.35-05.40	52.3	46.9	53.8	43.4	10.4
	05.40-05.45	53.2	46.9	55.0	43.5	11.5
	05.45-05.50	55.7	46.6	58.1	42.9	15.2
	05.50-05.55	54.3	51.4	54.2	44.0	10.2
	05.55-06.00	53.7	46.4	55.8	42.9	12.9
18.	06.00-07.00	51.9	50.6	46.0	42.9	3.1
19.	07.00-08.00	59.8	57.8	55.5	45.6	9.9
20.	08.00-09.00	58.0	53.4	56.2	45.0	11.2
21.	09.00-10.00	53.4	52.5	46.1	44.2	1.9
22.	10.00-11.00	54.3	53.4	47.0	43.9	3.1
23.	11.00-12.00	57.8	52.7	56.2	43.3	12.9
24.	12.00-13.00	57.5	54.7	54.3	42.8	11.5
Standard ⁽¹⁾⁽²⁾						10

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

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

Remark : Reference to Pollution Control Department (2022) (B.E. 2565)

Wannasiri S

Wannasiri Suriyawong



Somchai F.

Somchai Piyavorasakul
General Manager

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TEST REPORT

Customer Name : บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP

Report No. : 2023/7-35

Project : โครงการผลิตขวดทองแดงส่วนขยาย ครั้งที่ 1

Report Date : May 9, 2023

Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม
อำเภอบางปะกง จังหวัดฉะเชิงเทรา

Sampling Date : February 10-17 & May 1-2, 2023

Type of Sample : เสียงรบกวน

Contact : Tel. (038) 573 231-5

Job No. : S660063/May

(7/1-3)

Item	Time	Result (dB(A))				
		ริมรั้วด้านหน้าโรงงาน				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		16-17/02/23	01-02/05/23	-	01-02/05/23	-
1.	13.00-14.00	55.5	52.8	52.2	42.9	9.3
2.	14.00-15.00	56.2	53.6	52.7	44.7	8.0
3.	15.00-16.00	51.7	54.0	51.7	46.3	5.4
4.	16.00-17.00	54.1	54.3	54.1	46.7	7.4
5.	17.00-18.00	57.9	53.6	55.9	45.3	10.6
6.	18.00-19.00	61.9	55.9	60.6	44.4	16.2
7.	19.00-20.00	56.4	52.2	54.3	43.6	10.7
8.	20.00-21.00	47.3	52.5	47.3	42.3	5.0
9.	21.00-22.00	47.3	50.2	47.3	41.2	6.1
10.	22.00-22.05	58.1	46.8	60.8	39.8	21.0
	22.05-22.10	56.8	45.7	59.4	40.0	19.4
	22.10-22.15	48.2	48.2	48.2	40.2	8.0
	22.15-22.20	46.3	44.8	44.0	39.7	4.3
	22.20-22.25	47.8	52.1	47.8	40.6	7.2
	22.25-22.30	47.7	47.1	41.8	40.4	1.4
	22.30-22.35	48.1	46.5	46.0	40.1	5.9
	22.35-22.40	47.5	47.0	40.9	39.7	1.2
	22.40-22.45	46.8	47.5	46.8	39.7	7.1
	22.45-22.50	47.8	47.5	39.0	39.4	-0.4
	22.50-22.55	49.1	50.9	49.1	40.3	8.8
	22.55-23.00	49.6	54.4	49.6	40.0	9.6
11.	23.00-23.05	48.3	49.5	48.3	40.1	8.2
	23.05-23.10	47.8	47.8	47.8	40.2	7.6
	23.10-23.15	48.6	47.2	46.0	41.3	4.7
	23.15-23.20	54.5	48.0	56.4	40.3	16.1
	23.20-23.25	50.7	47.6	50.8	40.1	10.7
	23.25-23.30	48.9	45.7	49.1	39.9	9.2
	23.30-23.35	61.8	46.3	64.7	40.1	24.6
	23.35-23.40	50.7	46.5	51.6	40.4	11.2
	23.40-23.45	51.8	54.9	51.8	40.7	11.1
	23.45-23.50	50.7	46.0	51.9	39.9	12.0
	23.50-23.55	56.6	45.8	59.2	40.0	19.2
	23.55-00.00	66.7	49.2	69.6	40.3	29.3
Standard ⁽¹⁾⁽²⁾						10



TEST REPORT

(7/2-3)

Item	Time	Result (dB(A))				
		ริมรั้วด้านหน้าโรงงาน				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		16-17/02/23	01-02/05/23	-	01-02/05/23	-
12.	00.00-00.05	47.7	47.5	37.2	41.2	-4.0
	00.05-00.10	56.5	51.1	58.0	41.6	16.4
	00.10-00.15	48.6	47.6	44.7	40.0	4.7
	00.15-00.20	48.0	47.2	43.3	40.5	2.8
	00.20-00.25	49.7	47.1	49.2	40.4	8.8
	00.25-00.30	48.0	44.1	48.7	38.8	9.9
	00.30-00.35	62.0	45.5	64.9	39.2	25.7
	00.35-00.40	62.3	43.3	65.2	39.1	26.1
	00.40-00.45	58.4	42.7	61.3	39.3	22.0
	00.45-00.50	60.8	46.9	63.6	39.0	24.6
13.	00.50-00.55	46.1	45.6	39.5	39.5	0.0
	00.55-01.00	46.0	44.3	44.1	39.2	4.9
	01.00-01.05	45.9	49.9	45.9	44.3	1.6
	01.05-01.10	46.6	48.3	46.6	44.3	2.3
	01.10-01.15	45.9	51.0	45.9	43.8	2.1
	01.15-01.20	45.4	48.4	45.4	43.5	1.9
	01.20-01.25	53.8	50.6	54.0	43.4	10.6
	01.25-01.30	45.1	47.5	45.1	43.9	1.2
	01.30-01.35	47.2	50.9	47.2	43.9	3.3
	01.35-01.40	66.7	48.3	69.6	43.9	25.7
14.	01.40-01.45	55.4	48.0	57.5	44.4	13.1
	01.45-01.50	53.8	48.5	55.3	44.7	10.6
	01.50-01.55	50.4	48.5	48.9	44.4	4.5
	01.55-02.00	48.9	46.9	47.6	44.1	3.5
	02.00-02.05	54.3	47.4	56.3	43.5	12.8
	02.05-02.10	45.4	45.4	45.4	43.7	1.7
	02.10-02.15	45.9	47.6	45.9	43.9	2.0
	02.15-02.20	45.3	45.4	45.3	43.6	1.7
	02.20-02.25	49.1	45.6	49.5	42.9	6.6
	02.25-02.30	50.8	45.4	52.3	42.7	9.6
15.	02.30-02.35	50.7	47.8	50.6	44.0	6.6
	02.35-02.40	50.5	48.0	49.9	43.9	6.0
	02.40-02.45	62.7	47.8	65.6	43.8	21.8
	02.45-02.50	58.7	47.5	61.4	43.6	17.8
	02.50-02.55	51.2	45.1	53.0	43.4	9.6
	02.55-03.00	49.7	44.5	51.1	43.2	7.9
	03.00-03.05	51.3	45.2	53.1	43.5	9.6
	03.05-03.10	51.9	50.7	48.7	44.3	4.4
	03.10-03.15	52.4	46.1	54.2	43.9	10.3
	03.15-03.20	51.2	46.3	52.5	43.9	8.6
	03.20-03.25	51.6	46.8	52.9	43.5	9.4
	03.25-03.30	49.2	46.6	48.7	43.4	5.3
	03.30-03.35	50.4	47.3	50.5	43.7	6.8
	03.35-03.40	49.6	52.2	49.6	43.5	6.1
	03.40-03.45	47.2	45.9	44.3	42.8	1.5
	03.45-03.50	52.4	50.2	51.4	42.2	9.2
	03.50-03.55	49.4	47.5	47.9	43.3	4.6
	03.55-04.00	48.2	47.5	42.9	43.6	-0.7
Standard ⁽¹⁾⁽²⁾						10

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TEST REPORT

(7/3-3)

Item	Time	Result (dB(A))				
		ริมรั้วด้านหน้าโรงงาน				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		16-17/02/23	01-02/05/23	-	01-02/05/23	-
16.	04.00-04.05	57.8	45.6	60.5	42.8	17.7
	04.05-04.10	58.8	49.7	61.2	42.7	18.5
	04.10-04.15	47.5	46.4	44.0	42.3	1.7
	04.15-04.20	47.2	43.4	47.9	42.4	5.5
	04.20-04.25	48.0	46.0	46.7	42.3	4.4
	04.25-04.30	48.2	47.7	41.6	42.4	-0.8
	04.30-04.35	47.7	44.3	48.0	41.9	6.1
	04.35-04.40	50.1	45.4	51.3	42.8	8.5
	04.40-04.45	47.9	46.1	46.2	43.1	3.1
	04.45-04.50	46.9	43.8	47.0	42.7	4.3
	04.50-04.55	47.7	51.1	47.7	43.0	4.7
	04.55-05.00	47.7	45.7	46.4	42.7	3.7
17.	05.00-05.05	47.8	48.5	47.8	41.5	6.3
	05.05-05.10	48.0	47.8	37.5	42.1	-4.6
	05.10-05.15	49.8	46.8	49.8	43.1	6.7
	05.15-05.20	48.3	45.1	48.5	43.0	5.5
	05.20-05.25	48.0	47.0	44.1	43.7	0.4
	05.25-05.30	48.3	45.7	47.8	43.5	4.3
	05.30-05.35	48.0	46.8	44.8	43.5	1.3
	05.35-05.40	50.0	46.9	50.1	43.4	6.7
	05.40-05.45	55.4	46.9	57.7	43.5	14.2
	05.45-05.50	57.0	46.6	59.6	42.9	16.7
	05.50-05.55	55.8	51.4	56.8	44.0	12.8
	05.55-06.00	56.6	46.4	59.2	42.9	16.3
18.	06.00-07.00	50.1	50.6	50.1	42.9	7.2
19.	07.00-08.00	54.7	57.8	54.7	45.6	9.1
20.	08.00-09.00	57.2	53.4	54.9	45.0	9.9
21.	09.00-10.00	57.6	52.5	56.0	44.2	11.8
22.	10.00-11.00	59.4	53.4	58.1	43.9	14.2
23.	11.00-12.00	56.9	52.7	54.8	43.3	11.5
24.	12.00-13.00	51.6	54.7	51.6	42.8	8.8
Standard ⁽¹⁾⁽²⁾						10

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

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

Remark : Reference to Pollution Control Department (2022) (B.E. 2565)

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager

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TEST REPORT

Customer Name : บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP

Report No. : 2023/8-35

Project : โครงการผลิตขวดทองแดงส่วนขยาย ครั้งที่ 1

Report Date : May 9, 2023

Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม
อำเภอบางปะกง จังหวัดฉะเชิงเทรา

Sampling Date : February 10-17 & May 1-2, 2023

Type of Sample : เสียงรบกวน

Contact : Tel. (038) 573 231-5

Job No. : S660063/May

(8/1-3)

Item	Time	Result (dB(A))				
		ริมรั้วห้องข้างตึก 5 ตัน				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		10-11/02/23	01-02/05/23	-	01-02/05/23	-
1.	13.00-14.00	69.8	46.1	69.8	38.2	31.6
2.	14.00-15.00	69.7	50.6	69.6	48.0	21.6
3.	15.00-16.00	68.7	51.5	68.6	48.7	19.9
4.	16.00-17.00	69.0	53.1	68.9	48.0	20.9
5.	17.00-18.00	69.5	50.7	69.4	48.1	21.3
6.	18.00-19.00	68.8	50.4	68.7	48.3	20.4
7.	19.00-20.00	67.4	50.2	67.3	48.3	19.0
8.	20.00-21.00	68.2	48.3	68.2	46.9	21.3
9.	21.00-22.00	68.1	48.4	68.1	47.5	20.6
10.	22.00-22.05	66.7	51.0	69.6	47.9	21.7
	22.05-22.10	67.5	48.2	70.4	47.5	22.9
	22.10-22.15	67.2	48.0	70.1	47.4	22.7
	22.15-22.20	66.4	49.1	69.3	47.1	22.2
	22.20-22.25	66.3	47.9	69.2	47.2	22.0
	22.25-22.30	66.3	48.1	69.2	47.4	21.8
	22.30-22.35	66.5	48.8	69.4	47.8	21.6
	22.35-22.40	66.6	50.3	69.5	48.2	21.3
	22.40-22.45	66.6	51.5	69.5	48.4	21.1
	22.45-22.50	66.7	49.6	69.6	48.6	21.0
	22.50-22.55	66.5	50.1	69.4	49.5	19.9
	22.55-23.00	66.5	50.3	69.4	49.5	19.9
11.	23.00-23.05	66.3	51.0	69.2	49.9	19.3
	23.05-23.10	66.6	51.2	69.5	50.3	19.2
	23.10-23.15	66.9	51.0	69.8	49.7	20.1
	23.15-23.20	66.8	49.7	69.7	49.0	20.7
	23.20-23.25	66.7	50.8	69.6	49.4	20.2
	23.25-23.30	67.4	50.1	70.3	49.2	21.1
	23.30-23.35	67.6	52.1	70.5	50.6	19.9
	23.35-23.40	66.7	50.7	69.6	49.8	19.8
	23.40-23.45	66.4	51.6	69.3	46.0	23.3
	23.45-23.50	67.1	47.9	70.0	46.5	23.5
	23.50-23.55	67.6	47.1	70.6	46.1	24.5
	23.55-00.00	67.9	47.6	70.9	46.6	24.3
Standard ⁽¹⁾⁽²⁾						10



TEST REPORT

(8/2-3)

Item	Time	Result (dB(A))				
		ริมรั้วห้องข้างตึก 5 ตัน				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		10-11/02/23	01-02/05/23	-	01-02/05/23	-
12.	00.00-00.05	67.6	47.3	70.6	46.4	24.2
	00.05-00.10	67.5	47.5	70.5	45.9	24.6
	00.10-00.15	66.6	46.6	69.6	45.5	24.1
	00.15-00.20	66.8	47.2	69.8	46.1	23.7
	00.20-00.25	69.2	47.2	72.2	46.2	26.0
	00.25-00.30	76.3	47.4	79.3	46.3	33.0
	00.30-00.35	72.9	47.2	75.9	46.1	29.8
	00.35-00.40	67.6	47.3	70.6	46.3	24.3
	00.40-00.45	67.3	47.3	70.3	46.1	24.2
	00.45-00.50	67.7	47.1	70.7	46.0	24.7
	00.50-00.55	67.7	46.9	70.7	45.8	24.9
	00.55-01.00	67.2	47.0	70.2	46.1	24.1
13.	01.00-01.05	66.9	47.1	69.9	46.0	23.9
	01.05-01.10	67.1	47.3	70.1	46.3	23.8
	01.10-01.15	67.4	47.3	70.4	46.3	24.1
	01.15-01.20	68.1	47.4	71.1	46.1	25.0
	01.20-01.25	66.6	47.4	69.5	46.1	23.4
	01.25-01.30	67.6	47.2	70.6	46.1	24.5
	01.30-01.35	67.0	47.2	70.0	45.8	24.2
	01.35-01.40	67.2	47.2	70.2	45.8	24.4
	01.40-01.45	66.7	46.4	69.7	45.0	24.7
	01.45-01.50	67.8	46.5	70.8	45.0	25.8
	01.50-01.55	68.9	46.5	71.9	44.8	27.1
	01.55-02.00	67.3	45.7	70.3	44.0	26.3
14.	02.00-02.05	67.7	46.1	70.7	44.6	26.1
	02.05-02.10	67.1	45.7	70.1	44.3	25.8
	02.10-02.15	67.1	46.0	70.1	44.5	25.6
	02.15-02.20	68.3	46.5	71.3	43.7	27.6
	02.20-02.25	68.5	46.6	71.5	42.6	28.9
	02.25-02.30	67.6	47.7	70.6	42.6	28.0
	02.30-02.35	68.6	48.2	71.6	44.0	27.6
	02.35-02.40	68.5	47.7	71.5	43.1	28.4
	02.40-02.45	70.1	50.3	73.1	43.5	29.6
	02.45-02.50	68.8	53.4	71.7	44.9	26.8
	02.50-02.55	69.4	51.0	72.3	42.8	29.5
	02.55-03.00	70.4	52.0	73.3	43.0	30.3
15.	03.00-03.05	73.5	49.1	76.5	42.4	34.1
	03.05-03.10	74.9	49.4	77.9	42.2	35.7
	03.10-03.15	70.2	48.1	73.2	40.8	32.4
	03.15-03.20	69.3	53.5	72.2	43.3	28.9
	03.20-03.25	68.6	50.1	71.5	41.1	30.4
	03.25-03.30	69.4	47.3	72.4	41.0	31.4
	03.30-03.35	68.8	48.4	71.8	40.9	30.9
	03.35-03.40	68.7	47.8	71.7	41.2	30.5
	03.40-03.45	68.7	49.3	71.6	48.5	23.1
	03.45-03.50	67.9	53.8	70.7	48.2	22.5
	03.50-03.55	68.5	49.1	71.4	47.7	23.7
	03.55-04.00	69.0	49.7	71.9	47.9	24.0
Standard ⁽¹⁾⁽²⁾						10

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TEST REPORT

(8/3-3)

Item	Time	Result (dB(A))				
		ริมรั้วห้องข้างตึก 5 ตัน				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		10-11/02/23	01-02/05/23	-	01-02/05/23	-
16.	04.00-04.05	69.1	49.9	72.0	48.5	23.5
	04.05-04.10	68.3	49.8	71.2	47.6	23.6
	04.10-04.15	67.7	49.5	70.6	47.0	23.6
	04.15-04.20	68.1	49.0	71.0	47.5	23.5
	04.20-04.25	68.6	49.5	71.5	48.1	23.4
	04.25-04.30	67.6	49.0	70.5	48.2	22.3
	04.30-04.35	67.3	50.5	70.2	48.2	22.0
	04.35-04.40	66.4	50.5	69.3	48.3	21.0
	04.40-04.45	66.9	49.4	69.8	48.0	21.8
	04.45-04.50	67.3	50.1	70.2	48.4	21.8
	04.50-04.55	67.4	49.2	70.3	48.0	22.3
	04.55-05.00	67.0	49.0	69.9	48.2	21.7
17.	05.00-05.05	66.9	48.4	69.8	47.7	22.1
	05.05-05.10	67.5	48.8	70.4	47.6	22.8
	05.10-05.15	68.3	47.9	71.3	47.1	24.2
	05.15-05.20	69.5	49.3	72.5	47.3	25.2
	05.20-05.25	69.2	51.0	72.1	47.6	24.5
	05.25-05.30	68.2	48.2	71.2	46.8	24.4
	05.30-05.35	67.0	48.6	69.9	46.1	23.8
	05.35-05.40	67.2	50.5	70.1	46.5	23.6
	05.40-05.45	66.0	47.9	68.9	46.8	22.1
	05.45-05.50	66.6	48.3	69.5	47.2	22.3
	05.50-05.55	67.5	48.6	70.4	47.1	23.3
	05.55-06.00	69.4	48.8	72.4	47.5	24.9
18.	06.00-07.00	69.0	51.6	68.9	47.5	21.4
19.	07.00-08.00	68.4	49.5	68.3	41.1	27.2
20.	08.00-09.00	70.8	48.6	70.8	40.3	30.5
21.	09.00-10.00	70.4	47.4	70.4	39.7	30.7
22.	10.00-11.00	69.6	46.2	69.6	38.8	30.8
23.	11.00-12.00	72.6	46.8	72.6	38.1	34.5
24.	12.00-13.00	68.9	48.2	68.9	37.9	31.0
Standard ⁽¹⁾⁽²⁾						10

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

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

Remark : Reference to Pollution Control Department (2022) (B.E. 2565)

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager

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TEST REPORT

Customer Name : บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP

Report No. : 2023/9-35

Project : โครงการผลิตขวดทองแดงส่วนขยาย ครั้งที่ 1

Report Date : May 9, 2023

Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม
อำเภอบางปะกง จังหวัดฉะเชิงเทรา

Sampling Date : February 10-17 & May 1-2, 2023

Type of Sample : เสียงรบกวน

Contact : Tel. (038) 573 231-5

Job No. : S660063/May

(9/1-3)

Item	Time	Result (dB(A))				
		ริมรั้วห้องข้างตึก 5 ตัน				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (L _{eq})	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		11-12/02/23	01-02/05/23	-	01-02/05/23	-
1.	13.00-14.00	69.0	46.1	69.0	38.2	30.8
2.	14.00-15.00	69.3	50.6	69.2	48.0	21.2
3.	15.00-16.00	69.0	51.5	68.9	48.7	20.2
4.	16.00-17.00	70.3	53.1	70.2	48.0	22.2
5.	17.00-18.00	70.0	50.7	69.9	48.1	21.8
6.	18.00-19.00	69.9	50.4	69.9	48.3	21.6
7.	19.00-20.00	65.4	50.2	65.3	48.3	17.0
8.	20.00-21.00	61.8	48.3	61.6	46.9	14.7
9.	21.00-22.00	61.1	48.4	60.9	47.5	13.4
10.	22.00-22.05	60.4	51.0	62.9	47.9	15.0
	22.05-22.10	60.3	48.2	63.0	47.5	15.5
11.	22.10-22.15	60.3	48.0	63.0	47.4	15.6
	22.15-22.20	60.4	49.1	63.1	47.1	16.0
	22.20-22.25	60.3	47.9	63.0	47.2	15.8
	22.25-22.30	60.4	48.1	63.1	47.4	15.7
	22.30-22.35	60.5	48.8	63.2	47.8	15.4
	22.35-22.40	60.6	50.3	63.2	48.2	15.0
	22.40-22.45	60.6	51.5	63.0	48.4	14.6
	22.45-22.50	60.5	49.6	63.1	48.6	14.5
	22.50-22.55	60.5	50.1	63.1	49.5	13.6
	22.55-23.00	60.6	50.3	63.2	49.5	13.7
	23.00-23.05	60.4	51.0	62.9	49.9	13.0
	23.05-23.10	60.5	51.2	63.0	50.3	12.7
	23.10-23.15	60.4	51.0	62.9	49.7	13.2
	23.15-23.20	60.4	49.7	63.0	49.0	14.0
	23.20-23.25	60.6	50.8	63.1	49.4	13.7
	23.25-23.30	60.5	50.1	63.1	49.2	13.9
	23.30-23.35	60.6	52.1	62.9	50.6	12.3
	23.35-23.40	60.6	50.7	63.1	49.8	13.3
	23.40-23.45	60.5	51.6	62.9	46.0	16.9
	23.45-23.50	60.6	47.9	63.4	46.5	16.9
	23.50-23.55	60.7	47.1	63.5	46.1	17.4
	23.55-00.00	60.7	47.6	63.5	46.6	16.9
Standard ⁽¹⁾⁽²⁾						10



TEST REPORT

(9/2-3)

Item	Time	Result (dB(A))				
		ริมรั้วห้องข้างตึก 5 ตัน				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		11-12/02/23	01-02/05/23	-	01-02/05/23	-
12.	00.00-00.05	60.8	47.3	63.6	46.4	17.2
	00.05-00.10	60.7	47.5	63.5	45.9	17.6
	00.10-00.15	60.7	46.6	63.5	45.5	18.0
	00.15-00.20	60.8	47.2	63.6	46.1	17.5
	00.20-00.25	60.8	47.2	63.6	46.2	17.4
	00.25-00.30	60.7	47.4	63.5	46.3	17.2
	00.30-00.35	60.7	47.2	63.5	46.1	17.4
	00.35-00.40	59.9	47.3	62.7	46.3	16.4
	00.40-00.45	58.5	47.3	61.2	46.1	15.1
	00.45-00.50	58.6	47.1	61.3	46.0	15.3
	00.50-00.55	58.6	46.9	61.3	45.8	15.5
	00.55-01.00	58.6	47.0	61.3	46.1	15.2
13.	01.00-01.05	58.6	47.1	61.3	46.0	15.3
	01.05-01.10	58.8	47.3	61.5	46.3	15.2
	01.10-01.15	58.6	47.3	61.3	46.3	15.0
	01.15-01.20	58.5	47.4	61.1	46.1	15.0
	01.20-01.25	58.6	47.4	61.3	46.1	15.2
	01.25-01.30	58.5	47.2	61.2	46.1	15.1
	01.30-01.35	58.6	47.2	61.3	45.8	15.5
	01.35-01.40	58.5	47.2	61.2	45.8	15.4
	01.40-01.45	58.6	46.4	61.3	45.0	16.3
	01.45-01.50	58.7	46.5	61.4	45.0	16.4
	01.50-01.55	58.6	46.5	61.3	44.8	16.5
	01.55-02.00	58.6	45.7	61.4	44.0	17.4
14.	02.00-02.05	58.8	46.1	61.6	44.6	17.0
	02.05-02.10	58.6	45.7	61.4	44.3	17.1
	02.10-02.15	58.6	46.0	61.4	44.5	16.9
	02.15-02.20	58.6	46.5	61.3	43.7	17.6
	02.20-02.25	58.5	46.6	61.2	42.6	18.6
	02.25-02.30	58.5	47.7	61.1	42.6	18.5
	02.30-02.35	58.6	48.2	61.2	44.0	17.2
	02.35-02.40	58.6	47.7	61.2	43.1	18.1
	02.40-02.45	58.6	50.3	60.9	43.5	17.4
	02.45-02.50	58.6	53.4	60.0	44.9	15.1
	02.50-02.55	58.6	51.0	60.8	42.8	18.0
	02.55-03.00	58.5	52.0	60.4	43.0	17.4
15.	03.00-03.05	58.6	49.1	61.1	42.4	18.7
	03.05-03.10	58.6	49.4	61.0	42.2	18.8
	03.10-03.15	58.6	48.1	61.2	40.8	20.4
	03.15-03.20	58.6	53.5	60.0	43.3	16.7
	03.20-03.25	58.6	50.1	60.9	41.1	19.8
	03.25-03.30	58.7	47.3	61.4	41.0	20.4
	03.30-03.35	58.7	48.4	61.3	40.9	20.4
	03.35-03.40	58.8	47.8	61.4	41.2	20.2
	03.40-03.45	58.7	49.3	61.2	48.5	12.7
	03.45-03.50	58.8	53.8	60.1	48.2	11.9
	03.50-03.55	60.1	49.1	62.7	47.7	15.0
	03.55-04.00	58.8	49.7	61.2	47.9	13.3
Standard ⁽¹⁾⁽²⁾						10

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TEST REPORT

(9/3-3)

Item	Time	Result (dB(A))				
		ริมรั้วห้องข้างตึก 5 ตัน				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีกรรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		11-12/02/23	01-02/05/23	-	01-02/05/23	-
16.	04.00-04.05	58.8	49.9	61.2	48.5	12.7
	04.05-04.10	59.7	49.8	62.2	47.6	14.6
	04.10-04.15	62.0	49.5	64.7	47.0	17.7
	04.15-04.20	63.9	49.0	66.8	47.5	19.3
	04.20-04.25	66.8	49.5	69.7	48.1	21.6
	04.25-04.30	67.9	49.0	70.8	48.2	22.6
	04.30-04.35	65.3	50.5	68.2	48.2	20.0
	04.35-04.40	63.1	50.5	65.9	48.3	17.6
	04.40-04.45	61.0	49.4	63.7	48.0	15.7
	04.45-04.50	60.3	50.1	62.9	48.4	14.5
	04.50-04.55	61.7	49.2	64.4	48.0	16.4
	04.55-05.00	62.5	49.0	65.3	48.2	17.1
17.	05.00-05.05	63.6	48.4	66.5	47.7	18.8
	05.05-05.10	63.7	48.8	66.6	47.6	19.0
	05.10-05.15	65.1	47.9	68.0	47.1	20.9
	05.15-05.20	66.5	49.3	69.4	47.3	22.1
	05.20-05.25	65.8	51.0	68.7	47.6	21.1
	05.25-05.30	67.5	48.2	70.4	46.8	23.6
	05.30-05.35	67.4	48.6	70.3	46.1	24.2
	05.35-05.40	66.9	50.5	69.8	46.5	23.3
	05.40-05.45	65.2	47.9	68.1	46.8	21.3
	05.45-05.50	66.0	48.3	68.9	47.2	21.7
	05.50-05.55	65.2	48.6	68.1	47.1	21.0
	05.55-06.00	66.7	48.8	69.6	47.5	22.1
18.	06.00-07.00	66.4	51.6	66.3	47.5	18.8
19.	07.00-08.00	68.5	49.5	68.4	41.1	27.3
20.	08.00-09.00	68.7	48.6	68.7	40.3	28.4
21.	09.00-10.00	68.4	47.4	68.4	39.7	28.7
22.	10.00-11.00	67.6	46.2	67.6	38.8	28.8
23.	11.00-12.00	68.0	46.8	68.0	38.1	29.9
24.	12.00-13.00	68.5	48.2	68.5	37.9	30.6
Standard ⁽¹⁾⁽²⁾						10

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

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

Remark : Reference to Pollution Control Department (2022) (B.E. 2565)

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager

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TEST REPORT

Customer Name : บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP

Report No. : 2023/10-35

Project : โครงการผลิตลวดทองแดงส่วนขยาย ครั้งที่ 1

Report Date : May 9, 2023

Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม
อำเภอบางปะกง จังหวัดฉะเชิงเทรา

Sampling Date : February 10-17 & May 1-2, 2023

Contact : Tel. (038) 573 231-5

Type of Sample : เสียงรบกวน

Job No. : S660063/May

(10/1-3)

Item	Time	Result (dB(A))				
		ริมรั้วห้องข้างตึก 5 ตัน				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (L _{eq})	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		12-13/02/23	01-02/05/23	-	01-02/05/23	-
1.	13.00-14.00	68.0	46.1	68.0	38.2	29.8
2.	14.00-15.00	71.6	50.6	71.6	48.0	23.6
3.	15.00-16.00	71.6	51.5	71.6	48.7	22.9
4.	16.00-17.00	66.7	53.1	66.5	48.0	18.5
5.	17.00-18.00	66.9	50.7	66.8	48.1	18.7
6.	18.00-19.00	67.0	50.4	66.9	48.3	18.6
7.	19.00-20.00	67.7	50.2	67.6	48.3	19.3
8.	20.00-21.00	67.3	48.3	67.2	46.9	20.3
9.	21.00-22.00	67.4	48.4	67.3	47.5	19.8
10.	22.00-22.05	67.7	51.0	70.6	47.9	22.7
	22.05-22.10	66.8	48.2	69.7	47.5	22.2
	22.10-22.15	66.9	48.0	69.8	47.4	22.4
	22.15-22.20	67.3	49.1	70.2	47.1	23.1
	22.20-22.25	67.6	47.9	70.6	47.2	23.4
	22.25-22.30	67.9	48.1	70.9	47.4	23.5
	22.30-22.35	68.3	48.8	71.3	47.8	23.5
	22.35-22.40	69.1	50.3	72.0	48.2	23.8
	22.40-22.45	70.5	51.5	73.4	48.4	25.0
	22.45-22.50	66.9	49.6	69.8	48.6	21.2
	22.50-22.55	66.2	50.1	69.1	49.5	19.6
	22.55-23.00	68.4	50.3	71.3	49.5	21.8
11.	23.00-23.05	67.0	51.0	69.9	49.9	20.0
	23.05-23.10	67.7	51.2	70.6	50.3	20.3
	23.10-23.15	67.4	51.0	70.3	49.7	20.6
	23.15-23.20	67.8	49.7	70.7	49.0	21.7
	23.20-23.25	67.5	50.8	70.4	49.4	21.0
	23.25-23.30	67.4	50.1	70.3	49.2	21.1
	23.30-23.35	67.8	52.1	70.7	50.6	20.1
	23.35-23.40	67.8	50.7	70.7	49.8	20.9
	23.40-23.45	67.3	51.6	70.2	46.0	24.2
	23.45-23.50	67.6	47.9	70.6	46.5	24.1
	23.50-23.55	67.2	47.1	70.2	46.1	24.1
	23.55-00.00	67.0	47.6	69.9	46.6	23.3
Standard ⁽¹⁾⁽²⁾						10



TEST REPORT

(10/2-3)

Item	Time	Result (dB(A))				
		ริมรั้วห้องข้างตึก 5 ตัน				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		12-13/02/23	01-02/05/23	-	01-02/05/23	-
12.	00.00-00.05	66.3	47.3	69.2	46.4	22.8
	00.05-00.10	66.4	47.5	69.3	45.9	23.4
	00.10-00.15	67.0	46.6	70.0	45.5	24.5
	00.15-00.20	67.2	47.2	70.2	46.1	24.1
	00.20-00.25	70.8	47.2	73.8	46.2	27.6
	00.25-00.30	67.8	47.4	70.8	46.3	24.5
	00.30-00.35	67.9	47.2	70.9	46.1	24.8
	00.35-00.40	67.6	47.3	70.6	46.3	24.3
	00.40-00.45	67.6	47.3	70.6	46.1	24.5
	00.45-00.50	67.2	47.1	70.2	46.0	24.2
	00.50-00.55	66.7	46.9	69.7	45.8	23.9
	00.55-01.00	66.6	47.0	69.6	46.1	23.5
13.	01.00-01.05	67.5	47.1	70.5	46.0	24.5
	01.05-01.10	67.7	47.3	70.7	46.3	24.4
	01.10-01.15	67.9	47.3	70.9	46.3	24.6
	01.15-01.20	67.5	47.4	70.5	46.1	24.4
	01.20-01.25	67.2	47.4	70.2	46.1	24.1
	01.25-01.30	67.8	47.2	70.8	46.1	24.7
	01.30-01.35	68.0	47.2	71.0	45.8	25.2
	01.35-01.40	68.9	47.2	71.9	45.8	26.1
	01.40-01.45	68.1	46.4	71.1	45.0	26.1
	01.45-01.50	67.9	46.5	70.9	45.0	25.9
	01.50-01.55	67.6	46.5	70.6	44.8	25.8
	01.55-02.00	67.0	45.7	70.0	44.0	26.0
14.	02.00-02.05	67.4	46.1	70.4	44.6	25.8
	02.05-02.10	67.6	45.7	70.6	44.3	26.3
	02.10-02.15	68.1	46.0	71.1	44.5	26.6
	02.15-02.20	67.7	46.5	70.7	43.7	27.0
	02.20-02.25	67.7	46.6	70.7	42.6	28.1
	02.25-02.30	67.8	47.7	70.8	42.6	28.2
	02.30-02.35	67.6	48.2	70.5	44.0	26.5
	02.35-02.40	67.6	47.7	70.6	43.1	27.5
	02.40-02.45	67.5	50.3	70.4	43.5	26.9
	02.45-02.50	67.7	53.4	70.5	44.9	25.6
	02.50-02.55	68.2	51.0	71.1	42.8	28.3
	02.55-03.00	67.4	52.0	70.3	43.0	27.3
15.	03.00-03.05	68.5	49.1	71.4	42.4	29.0
	03.05-03.10	68.3	49.4	71.2	42.2	29.0
	03.10-03.15	68.0	48.1	71.0	40.8	30.2
	03.15-03.20	67.9	53.5	70.7	43.3	27.4
	03.20-03.25	67.7	50.1	70.6	41.1	29.5
	03.25-03.30	67.9	47.3	70.9	41.0	29.9
	03.30-03.35	68.3	48.4	71.3	40.9	30.4
	03.35-03.40	68.1	47.8	71.1	41.2	29.9
	03.40-03.45	67.8	49.3	70.7	48.5	22.2
	03.45-03.50	67.9	53.8	70.7	48.2	22.5
	03.50-03.55	67.4	49.1	70.3	47.7	22.6
	03.55-04.00	67.9	49.7	70.8	47.9	22.9
Standard ⁽¹⁾⁽²⁾						10

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TEST REPORT

(10/3-3)

Item	Time	Result (dB(A))				
		ริมรั้วห้องข้างตึก 5 ตัน				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		12-13/02/23	01-02/05/23	-	01-02/05/23	-
16.	04.00-04.05	67.9	49.9	70.8	48.5	22.3
	04.05-04.10	67.3	49.8	70.2	47.6	22.6
	04.10-04.15	67.6	49.5	70.5	47.0	23.5
	04.15-04.20	67.1	49.0	70.0	47.5	22.5
	04.20-04.25	67.5	49.5	70.4	48.1	22.3
	04.25-04.30	67.6	49.0	70.5	48.2	22.3
	04.30-04.35	67.6	50.5	70.5	48.2	22.3
	04.35-04.40	68.2	50.5	71.1	48.3	22.8
	04.40-04.45	68.3	49.4	71.2	48.0	23.2
	04.45-04.50	68.7	50.1	71.6	48.4	23.2
	04.50-04.55	68.9	49.2	71.9	48.0	23.9
	04.55-05.00	67.1	49.0	70.0	48.2	21.8
17.	05.00-05.05	67.4	48.4	70.3	47.7	22.6
	05.05-05.10	67.4	48.8	70.3	47.6	22.7
	05.10-05.15	67.8	47.9	70.8	47.1	23.7
	05.15-05.20	68.1	49.3	71.0	47.3	23.7
	05.20-05.25	67.9	51.0	70.8	47.6	23.2
	05.25-05.30	70.3	48.2	73.3	46.8	26.5
	05.30-05.35	77.3	48.6	80.3	46.1	34.2
	05.35-05.40	71.3	50.5	74.3	46.5	27.8
	05.40-05.45	69.1	47.9	72.1	46.8	25.3
	05.45-05.50	67.7	48.3	70.6	47.2	23.4
	05.50-05.55	67.6	48.6	70.5	47.1	23.4
	05.55-06.00	67.5	48.8	70.4	47.5	22.9
18.	06.00-07.00	67.9	51.6	67.8	47.5	20.3
19.	07.00-08.00	68.1	49.5	68.0	41.1	26.9
20.	08.00-09.00	67.1	48.6	67.0	40.3	26.7
21.	09.00-10.00	68.6	47.4	68.6	39.7	28.9
22.	10.00-11.00	66.6	46.2	66.6	38.8	27.8
23.	11.00-12.00	66.5	46.8	66.5	38.1	28.4
24.	12.00-13.00	66.9	48.2	66.8	37.9	28.9
Standard ⁽¹⁾⁽²⁾						10

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

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

Remark : Reference to Pollution Control Department (2022) (B.E. 2565)

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager

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TEST REPORT

Customer Name : บริษัท ไทยเมทัลโปรดิวส์ จำกัด/TMP

Report No. : 2023/11-35

Project : โครงการผลิตขวดทองแดงส่วนขยาย ครั้งที่ 1

Report Date : May 9, 2023

Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม
อำเภอบางปะกง จังหวัดฉะเชิงเทรา

Sampling Date : February 10-17 & May 1-2, 2023

Type of Sample : เสียงรบกวน

Contact : Tel. (038) 573 231-5

Job No. : S660063/May

(11/1-3)

Item	Time	Result (dB(A))				
		ริมรั้วห้องข้างตึก 5 ตัน				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		13-14/02/23	01-02/05/23	-	01-02/05/23	-
1.	13.00-14.00	68.4	46.1	68.4	38.2	30.2
2.	14.00-15.00	68.2	50.6	68.1	48.0	20.1
3.	15.00-16.00	67.0	51.5	66.9	48.7	18.2
4.	16.00-17.00	67.5	53.1	67.3	48.0	19.3
5.	17.00-18.00	67.6	50.7	67.5	48.1	19.4
6.	18.00-19.00	66.9	50.4	66.8	48.3	18.5
7.	19.00-20.00	67.9	50.2	67.8	48.3	19.5
8.	20.00-21.00	66.3	48.3	66.2	46.9	19.3
9.	21.00-22.00	65.5	48.4	65.4	47.5	17.9
10.	22.00-22.05	66.5	51.0	69.4	47.9	21.5
	22.05-22.10	67.3	48.2	70.2	47.5	22.7
	22.10-22.15	67.5	48.0	70.5	47.4	23.1
	22.15-22.20	67.4	49.1	70.3	47.1	23.2
	22.20-22.25	66.7	47.9	69.6	47.2	22.4
	22.25-22.30	66.9	48.1	69.8	47.4	22.4
	22.30-22.35	66.9	48.8	69.8	47.8	22.0
	22.35-22.40	68.4	50.3	71.3	48.2	23.1
	22.40-22.45	68.7	51.5	71.6	48.4	23.2
	22.45-22.50	66.7	49.6	69.6	48.6	21.0
	22.50-22.55	66.4	50.1	69.3	49.5	19.8
	22.55-23.00	67.0	50.3	69.9	49.5	20.4
11.	23.00-23.05	66.5	51.0	69.4	49.9	19.5
	23.05-23.10	67.1	51.2	70.0	50.3	19.7
	23.10-23.15	66.9	51.0	69.8	49.7	20.1
	23.15-23.20	66.6	49.7	69.5	49.0	20.5
	23.20-23.25	66.4	50.8	69.3	49.4	19.9
	23.25-23.30	66.3	50.1	69.2	49.2	20.0
	23.30-23.35	66.7	52.1	69.5	50.6	18.9
	23.35-23.40	66.7	50.7	69.6	49.8	19.8
	23.40-23.45	66.7	51.6	69.6	46.0	23.6
	23.45-23.50	67.0	47.9	69.9	46.5	23.4
	23.50-23.55	66.6	47.1	69.6	46.1	23.5
	23.55-00.00	66.4	47.6	69.3	46.6	22.7
Standard ⁽¹⁾⁽²⁾						10



TEST REPORT

(11/2-3)

Item	Time	Result (dB(A))				
		ริมรั้วห้องข้างตึก 5 ตัน				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		13-14/02/23	01-02/05/23	-	01-02/05/23	-
12.	00.00-00.05	66.8	47.3	69.8	46.4	23.4
	00.05-00.10	67.1	47.5	70.1	45.9	24.2
	00.10-00.15	66.6	46.6	69.6	45.5	24.1
	00.15-00.20	66.6	47.2	69.5	46.1	23.4
	00.20-00.25	66.9	47.2	69.9	46.2	23.7
	00.25-00.30	67.2	47.4	70.2	46.3	23.9
	00.30-00.35	67.7	47.2	70.7	46.1	24.6
	00.35-00.40	67.5	47.3	70.5	46.3	24.2
	00.40-00.45	67.5	47.3	70.5	46.1	24.4
	00.45-00.50	67.4	47.1	70.4	46.0	24.4
	00.50-00.55	67.4	46.9	70.4	45.8	24.6
	00.55-01.00	67.2	47.0	70.2	46.1	24.1
13.	01.00-01.05	67.4	47.1	70.4	46.0	24.4
	01.05-01.10	67.4	47.3	70.4	46.3	24.1
	01.10-01.15	67.2	47.3	70.2	46.3	23.9
	01.15-01.20	67.3	47.4	70.3	46.1	24.2
	01.20-01.25	67.0	47.4	70.0	46.1	23.9
	01.25-01.30	67.2	47.2	70.2	46.1	24.1
	01.30-01.35	68.6	47.2	71.6	45.8	25.8
	01.35-01.40	69.1	47.2	72.1	45.8	26.3
	01.40-01.45	68.3	46.4	71.3	45.0	26.3
	01.45-01.50	68.1	46.5	71.1	45.0	26.1
	01.50-01.55	68.0	46.5	71.0	44.8	26.2
	01.55-02.00	67.9	45.7	70.9	44.0	26.9
14.	02.00-02.05	67.5	46.1	70.5	44.6	25.9
	02.05-02.10	67.6	45.7	70.6	44.3	26.3
	02.10-02.15	66.7	46.0	69.7	44.5	25.2
	02.15-02.20	67.0	46.5	70.0	43.7	26.3
	02.20-02.25	67.2	46.6	70.2	42.6	27.6
	02.25-02.30	68.5	47.7	71.5	42.6	28.9
	02.30-02.35	69.1	48.2	72.1	44.0	28.1
	02.35-02.40	67.1	47.7	70.0	43.1	26.9
	02.40-02.45	67.1	50.3	70.0	43.5	26.5
	02.45-02.50	67.3	53.4	70.1	44.9	25.2
	02.50-02.55	66.1	51.0	69.0	42.8	26.2
	02.55-03.00	66.2	52.0	69.0	43.0	26.0
15.	03.00-03.05	66.1	49.1	69.0	42.4	26.6
	03.05-03.10	66.8	49.4	69.7	42.2	27.5
	03.10-03.15	67.4	48.1	70.3	40.8	29.5
	03.15-03.20	67.3	53.5	70.1	43.3	26.8
	03.20-03.25	67.8	50.1	70.7	41.1	29.6
	03.25-03.30	67.6	47.3	70.6	41.0	29.6
	03.30-03.35	67.3	48.4	70.2	40.9	29.3
	03.35-03.40	67.4	47.8	70.4	41.2	29.2
	03.40-03.45	67.0	49.3	69.9	48.5	21.4
	03.45-03.50	66.3	53.8	69.0	48.2	20.8
	03.50-03.55	66.9	49.1	69.8	47.7	22.1
	03.55-04.00	67.1	49.7	70.0	47.9	22.1
Standard ⁽¹⁾⁽²⁾						10

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TEST REPORT

(11/3-3)

Item	Time	Result (dB(A))				
		ริมรั้วห้องข้างตึก 5 ตัน				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		13-14/02/23	01-02/05/23	-	01-02/05/23	-
16.	04.00-04.05	66.8	49.9	69.7	48.5	21.2
	04.05-04.10	66.4	49.8	69.3	47.6	21.7
	04.10-04.15	66.8	49.5	69.7	47.0	22.7
	04.15-04.20	66.8	49.0	69.7	47.5	22.2
	04.20-04.25	66.7	49.5	69.6	48.1	21.5
	04.25-04.30	67.0	49.0	69.9	48.2	21.7
	04.30-04.35	66.2	50.5	69.1	48.2	20.9
	04.35-04.40	66.5	50.5	69.4	48.3	21.1
	04.40-04.45	66.7	49.4	69.6	48.0	21.6
	04.45-04.50	66.7	50.1	69.6	48.4	21.2
	04.50-04.55	67.1	49.2	70.0	48.0	22.0
	04.55-05.00	67.2	49.0	70.1	48.2	21.9
17.	05.00-05.05	66.8	48.4	69.7	47.7	22.0
	05.05-05.10	66.5	48.8	69.4	47.6	21.8
	05.10-05.15	67.0	47.9	69.9	47.1	22.8
	05.15-05.20	66.8	49.3	69.7	47.3	22.4
	05.20-05.25	66.7	51.0	69.6	47.6	22.0
	05.25-05.30	67.4	48.2	70.3	46.8	23.5
	05.30-05.35	67.3	48.6	70.2	46.1	24.1
	05.35-05.40	66.9	50.5	69.8	46.5	23.3
	05.40-05.45	68.0	47.9	71.0	46.8	24.2
	05.45-05.50	67.3	48.3	70.2	47.2	23.0
	05.50-05.55	66.6	48.6	69.5	47.1	22.4
	05.55-06.00	66.8	48.8	69.7	47.5	22.2
18.	06.00-07.00	66.1	51.6	65.9	47.5	18.4
19.	07.00-08.00	63.7	49.5	63.5	41.1	22.4
20.	08.00-09.00	64.5	48.6	64.4	40.3	24.1
21.	09.00-10.00	68.1	47.4	68.1	39.7	28.4
22.	10.00-11.00	69.5	46.2	69.5	38.8	30.7
23.	11.00-12.00	66.9	46.8	66.9	38.1	28.8
24.	12.00-13.00	66.1	48.2	66.0	37.9	28.1
Standard ^{(1)/(2)}						10

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

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

Remark : Reference to Pollution Control Department (2022) (B.E. 2565)

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager

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TEST REPORT

Customer Name : บริษัท ไทยเมทัลโปรดิวส์ จำกัด/TMP

Report No. : 2023/12-35

Project : โครงการผลิตลวดทองแดงส่วนขยาย ครั้งที่ 1

Report Date : May 9, 2023

Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม
อำเภอบางปะกง จังหวัดฉะเชิงเทรา

Sampling Date : February 10-17 & May 1-2, 2023

Contact : Tel. (038) 573 231-5

Type of Sample : เสียงรบกวน

Job No. : S660063/May

(12/1-3)

Item	Time	Result (dB(A))				
		ริมรั้วห้องข้างตึก 5 ตัน				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		14-15/02/23	01-02/05/23	-	01-02/05/23	-
1.	13.00-14.00	66.6	46.1	66.6	38.2	28.4
2.	14.00-15.00	67.6	50.6	67.5	48.0	19.5
3.	15.00-16.00	67.0	51.5	66.9	48.7	18.2
4.	16.00-17.00	67.4	53.1	67.2	48.0	19.2
5.	17.00-18.00	69.0	50.7	68.9	48.1	20.8
6.	18.00-19.00	70.7	50.4	70.7	48.3	22.4
7.	19.00-20.00	66.9	50.2	66.8	48.3	18.5
8.	20.00-21.00	66.8	48.3	66.7	46.9	19.8
9.	21.00-22.00	66.5	48.4	66.4	47.5	18.9
10.	22.00-22.05	66.1	51.0	69.0	47.9	21.1
	22.05-22.10	66.5	48.2	69.4	47.5	21.9
	22.10-22.15	67.3	48.0	70.2	47.4	22.8
	22.15-22.20	67.7	49.1	70.6	47.1	23.5
	22.20-22.25	66.7	47.9	69.6	47.2	22.4
	22.25-22.30	66.0	48.1	68.9	47.4	21.5
	22.30-22.35	66.0	48.8	68.9	47.8	21.1
	22.35-22.40	66.3	50.3	69.2	48.2	21.0
	22.40-22.45	65.7	51.5	68.5	48.4	20.1
	22.45-22.50	66.2	49.6	69.1	48.6	20.5
	22.50-22.55	66.6	50.1	69.5	49.5	20.0
	22.55-23.00	66.5	50.3	69.4	49.5	19.9
11.	23.00-23.05	66.1	51.0	69.0	49.9	19.1
	23.05-23.10	66.3	51.2	69.2	50.3	18.9
	23.10-23.15	67.4	51.0	70.3	49.7	20.6
	23.15-23.20	66.3	49.7	69.2	49.0	20.2
	23.20-23.25	66.8	50.8	69.7	49.4	20.3
	23.25-23.30	66.7	50.1	69.6	49.2	20.4
	23.30-23.35	67.1	52.1	70.0	50.6	19.4
	23.35-23.40	66.8	50.7	69.7	49.8	19.9
	23.40-23.45	66.9	51.6	69.8	46.0	23.8
	23.45-23.50	66.4	47.9	69.3	46.5	22.8
	23.50-23.55	66.6	47.1	69.6	46.1	23.5
	23.55-00.00	66.4	47.6	69.3	46.6	22.7
Standard ⁽¹⁾⁽²⁾						10



TEST REPORT

(12/2-3)

Item	Time	Result (dB(A))				
		ริมรั้วห้องข้างตึก 5 ตัน				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		14-15/02/23	01-02/05/23	-	01-02/05/23	-
12.	00.00-00.05	66.4	47.3	69.3	46.4	22.9
	00.05-00.10	66.6	47.5	69.5	45.9	23.6
	00.10-00.15	67.3	46.6	70.3	45.5	24.8
	00.15-00.20	67.0	47.2	70.0	46.1	23.9
	00.20-00.25	66.7	47.2	69.7	46.2	23.5
	00.25-00.30	67.0	47.4	70.0	46.3	23.7
	00.30-00.35	67.3	47.2	70.3	46.1	24.2
	00.35-00.40	66.7	47.3	69.6	46.3	23.3
	00.40-00.45	67.2	47.3	70.2	46.1	24.1
	00.45-00.50	68.6	47.1	71.6	46.0	25.6
13.	00.50-00.55	67.1	46.9	70.1	45.8	24.3
	00.55-01.00	66.3	47.0	69.2	46.1	23.1
	01.00-01.05	66.5	47.1	69.4	46.0	23.4
	01.05-01.10	66.5	47.3	69.4	46.3	23.1
	01.10-01.15	66.7	47.3	69.6	46.3	23.3
	01.15-01.20	66.9	47.4	69.9	46.1	23.8
	01.20-01.25	67.3	47.4	70.3	46.1	24.2
	01.25-01.30	67.5	47.2	70.5	46.1	24.4
	01.30-01.35	68.0	47.2	71.0	45.8	25.2
	01.35-01.40	67.8	47.2	70.8	45.8	25.0
14.	01.40-01.45	68.0	46.4	71.0	45.0	26.0
	01.45-01.50	70.3	46.5	73.3	45.0	28.3
	01.50-01.55	71.0	46.5	74.0	44.8	29.2
	01.55-02.00	67.4	45.7	70.4	44.0	26.4
	02.00-02.05	67.7	46.1	70.7	44.6	26.1
	02.05-02.10	67.2	45.7	70.2	44.3	25.9
	02.10-02.15	67.6	46.0	70.6	44.5	26.1
	02.15-02.20	67.8	46.5	70.8	43.7	27.1
	02.20-02.25	67.5	46.6	70.5	42.6	27.9
	02.25-02.30	68.0	47.7	71.0	42.6	28.4
15.	02.30-02.35	67.4	48.2	70.3	44.0	26.3
	02.35-02.40	67.4	47.7	70.4	43.1	27.3
	02.40-02.45	67.3	50.3	70.2	43.5	26.7
	02.45-02.50	67.6	53.4	70.4	44.9	25.5
	02.50-02.55	67.8	51.0	70.7	42.8	27.9
	02.55-03.00	67.4	52.0	70.3	43.0	27.3
	03.00-03.05	67.7	49.1	70.6	42.4	28.2
	03.05-03.10	67.9	49.4	70.8	42.2	28.6
	03.10-03.15	66.9	48.1	69.8	40.8	29.0
	03.15-03.20	66.7	53.5	69.5	43.3	26.2
	03.20-03.25	66.5	50.1	69.4	41.1	28.3
	03.25-03.30	66.6	47.3	69.5	41.0	28.5
	03.30-03.35	66.3	48.4	69.2	40.9	28.3
	03.35-03.40	66.2	47.8	69.1	41.2	27.9
	03.40-03.45	66.4	49.3	69.3	48.5	20.8
	03.45-03.50	66.4	53.8	69.2	48.2	21.0
	03.50-03.55	66.4	49.1	69.3	47.7	21.6
	03.55-04.00	66.6	49.7	69.5	47.9	21.6
Standard ⁽¹⁾⁽²⁾						10

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TEST REPORT

(12/3-3)

Item	Time	Result (dB(A))				
		ริมรั้วห้องข้างตึก 5 ตัน				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		14-15/02/23	01-02/05/23	-	01-02/05/23	-
16.	04.00-04.05	66.7	49.9	69.6	48.5	21.1
	04.05-04.10	67.0	49.8	69.9	47.6	22.3
	04.10-04.15	66.3	49.5	69.2	47.0	22.2
	04.15-04.20	66.7	49.0	69.6	47.5	22.1
	04.20-04.25	68.3	49.5	71.2	48.1	23.1
	04.25-04.30	66.8	49.0	69.7	48.2	21.5
	04.30-04.35	66.6	50.5	69.5	48.2	21.3
	04.35-04.40	65.8	50.5	68.7	48.3	20.4
	04.40-04.45	65.9	49.4	68.8	48.0	20.8
	04.45-04.50	65.9	50.1	68.8	48.4	20.4
	04.50-04.55	67.2	49.2	70.1	48.0	22.1
	04.55-05.00	66.8	49.0	69.7	48.2	21.5
17.	05.00-05.05	66.2	48.4	69.1	47.7	21.4
	05.05-05.10	66.5	48.8	69.4	47.6	21.8
	05.10-05.15	67.2	47.9	70.1	47.1	23.0
	05.15-05.20	68.1	49.3	71.0	47.3	23.7
	05.20-05.25	67.5	51.0	70.4	47.6	22.8
	05.25-05.30	66.5	48.2	69.4	46.8	22.6
	05.30-05.35	66.7	48.6	69.6	46.1	23.5
	05.35-05.40	66.8	50.5	69.7	46.5	23.2
	05.40-05.45	67.4	47.9	70.4	46.8	23.6
	05.45-05.50	67.8	48.3	70.8	47.2	23.6
	05.50-05.55	67.7	48.6	70.6	47.1	23.5
	05.55-06.00	67.4	48.8	70.3	47.5	22.8
18.	06.00-07.00	67.5	51.6	67.4	47.5	19.9
19.	07.00-08.00	67.2	49.5	67.1	41.1	26.0
20.	08.00-09.00	67.1	48.6	67.0	40.3	26.7
21.	09.00-10.00	67.8	47.4	67.8	39.7	28.1
22.	10.00-11.00	67.9	46.2	67.9	38.8	29.1
23.	11.00-12.00	67.4	46.8	67.4	38.1	29.3
24.	12.00-13.00	67.1	48.2	67.0	37.9	29.1
Standard ⁽¹⁾⁽²⁾						10

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

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

Remark : Reference to Pollution Control Department (2022) (B.E. 2565)

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager

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TEST REPORT

Customer Name : บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP

Report No. : 2023/13-35

Project : โครงการผลิตหลอดทองแดงส่วนขยาย ครั้งที่ 1

Report Date : May 9, 2023

Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม

Sampling Date : February 10-17 & May 1-2, 2023

อำเภอบางปะกง จังหวัดฉะเชิงเทรา

Type of Sample : เสียงรบกวน

Contact : Tel. (038) 573 231-5

Job No. : S660063/May

(13/1-3)

Item	Time	Result (dB(A))				
		ริมรั้วห้องข้างตึกข้าง 5 ต้น				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		15-16/02/23	01-02/05/23	-	01-02/05/23	-
1.	13.00-14.00	67.9	46.1	67.9	38.2	29.7
2.	14.00-15.00	67.8	50.6	67.7	48.0	19.7
3.	15.00-16.00	67.3	51.5	67.2	48.7	18.5
4.	16.00-17.00	67.2	53.1	67.0	48.0	19.0
5.	17.00-18.00	68.1	50.7	68.0	48.1	19.9
6.	18.00-19.00	69.5	50.4	69.4	48.3	21.1
7.	19.00-20.00	67.1	50.2	67.0	48.3	18.7
8.	20.00-21.00	67.7	48.3	67.6	46.9	20.7
9.	21.00-22.00	68.4	48.4	68.4	47.5	20.9
10.	22.00-22.05	69.1	51.0	72.0	47.9	24.1
	22.05-22.10	67.9	48.2	70.9	47.5	23.4
	22.10-22.15	69.1	48.0	72.1	47.4	24.7
	22.15-22.20	67.4	49.1	70.3	47.1	23.2
	22.20-22.25	67.5	47.9	70.5	47.2	23.3
	22.25-22.30	68.6	48.1	71.6	47.4	24.2
	22.30-22.35	66.7	48.8	69.6	47.8	21.8
	22.35-22.40	66.4	50.3	69.3	48.2	21.1
	22.40-22.45	66.9	51.5	69.8	48.4	21.4
	22.45-22.50	66.8	49.6	69.7	48.6	21.1
	22.50-22.55	66.9	50.1	69.8	49.5	20.3
	22.55-23.00	67.6	50.3	70.5	49.5	21.0
11.	23.00-23.05	67.6	51.0	70.5	49.9	20.6
	23.05-23.10	67.7	51.2	70.6	50.3	20.3
	23.10-23.15	67.9	51.0	70.8	49.7	21.1
	23.15-23.20	70.1	49.7	73.1	49.0	24.1
	23.20-23.25	67.8	50.8	70.7	49.4	21.3
	23.25-23.30	66.5	50.1	69.4	49.2	20.2
	23.30-23.35	66.0	52.1	68.8	50.6	18.2
	23.35-23.40	66.0	50.7	68.9	49.8	19.1
	23.40-23.45	67.0	51.6	69.9	46.0	23.9
	23.45-23.50	66.6	47.9	69.5	46.5	23.0
	23.50-23.55	66.3	47.1	69.2	46.1	23.1
	23.55-00.00	66.5	47.6	69.4	46.6	22.8
Standard ⁽¹⁾⁽²⁾						10

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TEST REPORT

(13/2-3)

Item	Time	Result (dB(A))				
		ริมรั้วห้องข้างตึก 5 ตัน				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		15-16/02/23	01-02/05/23	-	01-02/05/23	-
12.	00.00-00.05	66.9	47.3	69.9	46.4	23.5
	00.05-00.10	66.4	47.5	69.3	45.9	23.4
	00.10-00.15	67.0	46.6	70.0	45.5	24.5
	00.15-00.20	67.3	47.2	70.3	46.1	24.2
	00.20-00.25	67.3	47.2	70.3	46.2	24.1
	00.25-00.30	67.3	47.4	70.3	46.3	24.0
	00.30-00.35	67.1	47.2	70.1	46.1	24.0
	00.35-00.40	66.6	47.3	69.5	46.3	23.2
	00.40-00.45	67.0	47.3	70.0	46.1	23.9
	00.45-00.50	66.5	47.1	69.4	46.0	23.4
	00.50-00.55	66.8	46.9	69.8	45.8	24.0
	00.55-01.00	67.5	47.0	70.5	46.1	24.4
13.	01.00-01.05	67.1	47.1	70.1	46.0	24.1
	01.05-01.10	66.3	47.3	69.2	46.3	22.9
	01.10-01.15	66.1	47.3	69.0	46.3	22.7
	01.15-01.20	67.2	47.4	70.2	46.1	24.1
	01.20-01.25	67.3	47.4	70.3	46.1	24.2
	01.25-01.30	66.4	47.2	69.3	46.1	23.2
	01.30-01.35	69.5	47.2	72.5	45.8	26.7
	01.35-01.40	70.3	47.2	73.3	45.8	27.5
	01.40-01.45	68.9	46.4	71.9	45.0	26.9
	01.45-01.50	66.0	46.5	69.0	45.0	24.0
	01.50-01.55	66.2	46.5	69.2	44.8	24.4
	01.55-02.00	66.5	45.7	69.5	44.0	25.5
14.	02.00-02.05	68.0	46.1	71.0	44.6	26.4
	02.05-02.10	66.9	45.7	69.9	44.3	25.6
	02.10-02.15	66.9	46.0	69.9	44.5	25.4
	02.15-02.20	66.4	46.5	69.4	43.7	25.7
	02.20-02.25	67.7	46.6	70.7	42.6	28.1
	02.25-02.30	67.9	47.7	70.9	42.6	28.3
	02.30-02.35	67.6	48.2	70.5	44.0	26.5
	02.35-02.40	67.5	47.7	70.5	43.1	27.4
	02.40-02.45	67.8	50.3	70.7	43.5	27.2
	02.45-02.50	67.5	53.4	70.3	44.9	25.4
	02.50-02.55	66.8	51.0	69.7	42.8	26.9
	02.55-03.00	67.4	52.0	70.3	43.0	27.3
15.	03.00-03.05	67.1	49.1	70.0	42.4	27.6
	03.05-03.10	67.3	49.4	70.2	42.2	28.0
	03.10-03.15	69.0	48.1	72.0	40.8	31.2
	03.15-03.20	68.6	53.5	71.5	43.3	28.2
	03.20-03.25	68.0	50.1	70.9	41.1	29.8
	03.25-03.30	67.9	47.3	70.9	41.0	29.9
	03.30-03.35	67.5	48.4	70.4	40.9	29.5
	03.35-03.40	67.5	47.8	70.5	41.2	29.3
	03.40-03.45	67.6	49.3	70.5	48.5	22.0
	03.45-03.50	67.6	53.8	70.4	48.2	22.2
	03.50-03.55	67.1	49.1	70.0	47.7	22.3
	03.55-04.00	67.2	49.7	70.1	47.9	22.2
Standard ⁽¹⁾⁽²⁾						10

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



TEST REPORT

(13/3-3)

Item	Time	Result (dB(A))				
		ริมรั้วห้องข้างตึก 5 ตัน				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		15-16/02/23	01-02/05/23	-	01-02/05/23	-
16.	04.00-04.05	67.1	49.9	70.0	48.5	21.5
	04.05-04.10	66.9	49.8	69.8	47.6	22.2
	04.10-04.15	67.5	49.5	70.4	47.0	23.4
	04.15-04.20	67.7	49.0	70.6	47.5	23.1
	04.20-04.25	67.0	49.5	69.9	48.1	21.8
	04.25-04.30	67.4	49.0	70.3	48.2	22.1
	04.30-04.35	67.8	50.5	70.7	48.2	22.5
	04.35-04.40	67.7	50.5	70.6	48.3	22.3
	04.40-04.45	67.3	49.4	70.2	48.0	22.2
	04.45-04.50	67.2	50.1	70.1	48.4	21.7
	04.50-04.55	67.5	49.2	70.4	48.0	22.4
	04.55-05.00	67.1	49.0	70.0	48.2	21.8
17.	05.00-05.05	67.0	48.4	69.9	47.7	22.2
	05.05-05.10	67.9	48.8	70.8	47.6	23.2
	05.10-05.15	67.4	47.9	70.4	47.1	23.3
	05.15-05.20	68.2	49.3	71.1	47.3	23.8
	05.20-05.25	66.6	51.0	69.5	47.6	21.9
	05.25-05.30	66.8	48.2	69.7	46.8	22.9
	05.30-05.35	67.2	48.6	70.1	46.1	24.0
	05.35-05.40	67.8	50.5	70.7	46.5	24.2
	05.40-05.45	67.7	47.9	70.7	46.8	23.9
	05.45-05.50	67.5	48.3	70.4	47.2	23.2
	05.50-05.55	67.7	48.6	70.6	47.1	23.5
	05.55-06.00	69.3	48.8	72.3	47.5	24.8
18.	06.00-07.00	67.2	51.6	67.1	47.5	19.6
19.	07.00-08.00	68.9	49.5	68.8	41.1	27.7
20.	08.00-09.00	69.5	48.6	69.5	40.3	29.2
21.	09.00-10.00	68.4	47.4	68.4	39.7	28.7
22.	10.00-11.00	67.5	46.2	67.5	38.8	28.7
23.	11.00-12.00	67.6	46.8	67.6	38.1	29.5
24.	12.00-13.00	66.8	48.2	66.7	37.9	28.8
Standard ⁽¹⁾⁽²⁾						10

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

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

Remark : Reference to Pollution Control Department (2022) (B.E. 2565)

Wannasiri S

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager

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TEST REPORT

Customer Name : บริษัท ไทยเมทัลโปรดิวส์ จำกัด/TMP

Report No. : 2023/14-35

Project : โครงการผลิตลวดทองแดงส่วนขยาย ครั้งที่ 1

Report Date : May 9, 2023

Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม
อำเภอบางปะกง จังหวัดฉะเชิงเทรา

Sampling Date : February 10-17 & May 1-2, 2023

Type of Sample : เสียงรบกวน

Contact : Tel. (038) 573 231-5

Job No. : S660063/May

(14/1-3)

Item	Time	Result (dB(A))				
		ริมรั้วห้องข้างตึก 5 ตัน				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		16-17/02/23	01-02/05/23	-	01-02/05/23	-
1.	13.00-14.00	67.2	46.1	67.2	38.2	29.0
2.	14.00-15.00	64.2	50.6	64.0	48.0	16.0
3.	15.00-16.00	66.2	51.5	66.1	48.7	17.4
4.	16.00-17.00	67.3	53.1	67.1	48.0	19.1
5.	17.00-18.00	68.4	50.7	68.3	48.1	20.2
6.	18.00-19.00	69.5	50.4	69.4	48.3	21.1
7.	19.00-20.00	67.8	50.2	67.7	48.3	19.4
8.	20.00-21.00	68.3	48.3	68.3	46.9	21.4
9.	21.00-22.00	67.2	48.4	67.1	47.5	19.6
10.	22.00-22.05	67.9	51.0	70.8	47.9	22.9
	22.05-22.10	67.3	48.2	70.2	47.5	22.7
	22.10-22.15	67.5	48.0	70.5	47.4	23.1
	22.15-22.20	66.5	49.1	69.4	47.1	22.3
	22.20-22.25	66.0	47.9	68.9	47.2	21.7
	22.25-22.30	66.1	48.1	69.0	47.4	21.6
	22.30-22.35	66.1	48.8	69.0	47.8	21.2
	22.35-22.40	66.8	50.3	69.7	48.2	21.5
	22.40-22.45	66.1	51.5	68.9	48.4	20.5
	22.45-22.50	65.9	49.6	68.8	48.6	20.2
11.	22.50-22.55	66.0	50.1	68.9	49.5	19.4
	22.55-23.00	66.0	50.3	68.9	49.5	19.4
	23.00-23.05	66.4	51.0	69.3	49.9	19.4
	23.05-23.10	66.1	51.2	69.0	50.3	18.7
	23.10-23.15	66.0	51.0	68.9	49.7	19.2
	23.15-23.20	66.1	49.7	69.0	49.0	20.0
	23.20-23.25	66.5	50.8	69.4	49.4	20.0
	23.25-23.30	66.7	50.1	69.6	49.2	20.4
	23.30-23.35	66.1	52.1	68.9	50.6	18.3
	23.35-23.40	66.9	50.7	69.8	49.8	20.0
	23.40-23.45	66.3	51.6	69.2	46.0	23.2
	23.45-23.50	66.3	47.9	69.2	46.5	22.7
	23.50-23.55	67.8	47.1	70.8	46.1	24.7
	23.55-00.00	69.0	47.6	72.0	46.6	25.4
Standard ⁽¹⁾⁽²⁾						10