

ภาคผนวก ค

รายงานผลการตรวจวัดคุณภาพสิ่งแวดล้อม



## TEST REPORT

**Analysis No.** : R23-3719  
**Received Date** : 01/11/23  
**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** : 20/11/23  
**Analysis Date** : 31/10-08/11/23  
**Job No.** : S660063/Oct/1  
**Sampling By** : TET  
**Type of Sample** : Stack

### Sampling Conditions :

Item	Description	Unit	Result
			2311-AS0005
			ปล่อยระบายจากเตาหลอม (Outlet)
1	Sampling Date	-	31/10/23
2	Stack Diameter	m	Ø 0.50
3	Temperature <sup>(1)</sup>	°C	58
4	Stack Gas Velocity <sup>(1)</sup>	m/s	9.2
5	Flow Rate <sup>(1)</sup>	m <sup>3</sup> /s	1.8
6	Flow Rate <sup>(2)</sup>	Nm <sup>3</sup> /s	1.6
7	Moisture Content <sup>(1)</sup>	%	3.82
8	O <sub>2</sub> Rate <sup>(1)</sup> , dry basis	%	13.8
9	CO <sub>2</sub> Rate <sup>(1)</sup> , dry basis	%	5.0
10	Absolute Stack Pressure <sup>(1)</sup>	mm.Hg	757.8

Parameter	Unit	Method	Result		Standard			Analysis
			2311-AS0005		(With Combustion)			
			ปล่อยระบายจากเตาหลอม (Outlet)		(A)	(B)	(C)	Date
Particulate <sup>(2)</sup>	mg/Nm <sup>3</sup>	Isokinetic, Gravimetric Method (US.EPA Method 5, Dec 07, 2020)	25.6	0.0400 (g/s)	320	3.27 (g/s)	-	01-03/11/23
Cu <sup>(2)</sup>	mg/Nm <sup>3</sup>	Isokinetic, Digestion, Direct Air-Acetylene Flame Method (US.EPA Method 29, Aug 02, 2017)	6.659	-	24	-	20	08/11/23
NO <sub>x</sub> as NO <sub>2</sub> <sup>(2)</sup>	ppm	Instrument Analyzer Method (US.EPA Method 7E, Oct 07, 2020)	14.70	-	200	-	-	31/10/23
SO <sub>2</sub> <sup>(2)</sup>	ppm	Instrument Analyzer Method (US.EPA Method 6C, Aug 2, 2017)	< 0.10	-	60	-	-	31/10/23
CO <sup>(2)</sup>	ppm	NDIR Method (US.EPA Method 10, Aug 02, 2017)	190	-	690	-	-	31/10/23

**Remarks** : ปล่อยระบายจากเตาหลอม (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 Industry (2006) (B.E. 2549) and 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)

(C) Reference to Condition of Factory Operation Permit (7.3.4) by Ministry of Industry.

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

Reviewed by

Chief of Laboratory

Approved by

Laboratory Manager

"Refer to Analysis No. R23-3454 and follow to QF-10-02 No. 036/23 in order to edit standard on page 1"

● REPORTED RESULTS REFER TO SUBMITTED SAMPLE(S) ONLY

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



## TEST REPORT

**Analysis No.** : R23-3719  
**Received Date** : 30/10/23  
**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** : 20/11/23  
**Analysis Date** : 30/10-03/11/23  
**Job No.** : S660063/Oct/1  
**Sampling By** : TET  
**Type of Sample** : Stack

### Sampling Conditions :

Item	Description	Unit	Result
			2310-AS1160
			การบดอัดปล่อยที่ 1 (RC1)
1	Sampling Date	-	27/10/23
2	Stack Diameter	m	Ø 0.50
3	Temperature <sup>(1)</sup>	°C	34
4	Stack Gas Velocity <sup>(1)</sup>	m/s	12.9
5	Flow Rate <sup>(1)</sup>	m <sup>3</sup> /s	2.5
6	Flow Rate <sup>(2)</sup>	Nm <sup>3</sup> /s	2.4
7	Moisture Content <sup>(1)</sup>	%	1.35
8	O <sub>2</sub> Rate <sup>(1)</sup> , dry basis	%	20.9
9	CO <sub>2</sub> Rate <sup>(1)</sup> , dry basis	%	< 1.0
10	Absolute Stack Pressure <sup>(1)</sup>	mm.Hg	758.4

Parameter	Unit	Method	Result	Standard (Without Combustion)	Analysis Date
			2310-AS1160		
			การบดอัดปล่อยที่ 1 (RC1)		
Particulate <sup>(2)</sup>	mg/Nm <sup>3</sup>	Isokinetic, Gravimetric Method (US.EPA Method 5, Dec 07, 2020)	3.1	400	30/10-01/11/23
Cu <sup>(2)</sup>	mg/Nm <sup>3</sup>	Isokinetic, Digestion, Direct Air-Acetylene Flame Method (US.EPA Method 29, Aug 02, 2017)	0.409	30	03/11/23

**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 drv basis

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

Reviewed by

Chief of Laboratory  
[Signature]



Approved by

Laboratory Manager  
[Signature]

"Refer to Analysis No. R23-3454 and follow to QF-10-02 No. 036/23 in order to edit standard on page 1"

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





## TEST REPORT

**Analysis No.** : R23-3719  
**Received Date** : 30/10/23  
**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** : 20/11/23  
**Analysis Date** : 30/10-03/11/23  
**Job No.** : S660063/Oct/1  
**Sampling By** : TET  
**Type of Sample** : Stack

### Sampling Conditions :

Item	Description	Unit	Result
			2310-AS1161
			การบดอัดปล่อยที่ 2 (RC2-DC1)
1	Sampling Date	-	27/10/23
2	Stack Diameter	m	Ø 0.30
3	Temperature <sup>(1)</sup>	°C	33
4	Stack Gas Velocity <sup>(1)</sup>	m/s	12.6
5	Flow Rate <sup>(1)</sup>	m <sup>3</sup> /s	0.9
6	Flow Rate <sup>(2)</sup>	Nm <sup>3</sup> /s	0.8
7	Moisture Content <sup>(1)</sup>	%	2.24
8	O <sub>2</sub> Rate <sup>(1)</sup> , dry basis	%	20.9
9	CO <sub>2</sub> Rate <sup>(1)</sup> , dry basis	%	< 1.0
10	Absolute Stack Pressure <sup>(1)</sup>	mm.Hg	757.6

Parameter	Unit	Method	Result	Standard (Without Combustion)	Analysis Date
			2310-AS1161		
			การบดอัดปล่อยที่ 2 (RC2-DC1)		
Particulate <sup>(2)</sup>	mg/Nm <sup>3</sup>	Isokinetic, Gravimetric Method (US.EPA Method 5, Dec 07, 2020)	2.3	400	30/10-01/11/23
Cu <sup>(2)</sup>	mg/Nm <sup>3</sup>	Isokinetic, Digestion, Direct Air-Acetylene Flame Method (US.EPA Method 29, Aug 02, 2017)	1.223	30	03/11/23

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

Reviewed by

Chief of Laboratory  
๒๐/๑๑/๒๓

Approved by

Laboratory Manager  
๒๐/๑๑/๒๓



"Refer to Analysis No. R23-3454 and follow to QF-10-02 No. 036/23 in order to edit standard on page 1"

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





## TEST REPORT

**Analysis No.** : R23-3719  
**Received Date** : 30/10/23  
**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** : 20/11/23  
**Analysis Date** : 30/10-03/11/23  
**Job No.** : S660063/Oct/1  
**Sampling By** : TET  
**Type of Sample** : Stack

### Sampling Conditions :

Item	Description	Unit	Result
			2310-AS1162
			การบดอัดปล่อยที่ 3 (RC2-DC2)
1	Sampling Date	-	27/10/23
2	Stack Diameter	m	Ø 0.25
3	Temperature <sup>(1)</sup>	°C	32
4	Stack Gas Velocity <sup>(1)</sup>	m/s	10.4
5	Flow Rate <sup>(1)</sup>	m <sup>3</sup> /s	0.5
6	Flow Rate <sup>(2)</sup>	Nm <sup>3</sup> /s	0.5
7	Moisture Content <sup>(1)</sup>	%	1.31
8	O <sub>2</sub> Rate <sup>(1)</sup> , dry basis	%	20.9
9	CO <sub>2</sub> Rate <sup>(1)</sup> , dry basis	%	< 1.0
10	Absolute Stack Pressure <sup>(1)</sup>	mm.Hg	757.7

Parameter	Unit	Method	Result	Standard (Without Combustion)	Analysis Date
			2310-AS1162		
			การบดอัดปล่อยที่ 3 (RC2-DC2)		
Particulate <sup>(2)</sup>	mg/Nm <sup>3</sup>	Isokinetic, Gravimetric Method (US.EPA Method 5, Dec 07, 2020)	4.6	400	30/10-01/11/23
Cu <sup>(2)</sup>	mg/Nm <sup>3</sup>	Isokinetic, Digestion, Direct Air-Acetylene Flame Method (US.EPA Method 29, Aug 02, 2017)	1.125	30	03/11/23

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

Reviewed by

[Redacted Signature]

Chief of Laboratory  
10/11/23



Approved by

[Redacted Signature]

Laboratory Manager  
10/11/23

"Refer to Analysis No. R23-3454 and follow to QF-10-02 No. 036/23 in order to edit standard on page 1"

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



## TEST REPORT

**Analysis No.** : R23-3719/DIW  
**Received Date** : 01/11/23  
**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** : 20/11/23  
**Analysis Date** : 31/10-08/11/23  
**Job No.** : S660063/Oct/1  
**Sampling By** : Mr. Suriyapong Yongyut  
**Registration No.** : ว-236-จ-0008  
**Type of Sample** : Stack

### Sampling Conditions :

Item	Description	Unit	Result
			2311-AS0005
			ปล่อยระบายจากเตาหลอม (Outlet)
1	Sampling Date	-	31/10/23
2	Stack Diameter	m	Ø 0.50
3	Temperature <sup>(1)</sup>	°C	58
4	Stack Gas Velocity <sup>(1)</sup>	m/s	9.2
5	Flow Rate <sup>(1)</sup>	m <sup>3</sup> /s	1.8
6	Flow Rate <sup>(2)</sup>	Nm <sup>3</sup> /s	1.6
7	Moisture Content <sup>(1)</sup>	%	3.82
8	O <sub>2</sub> Rate <sup>(1)</sup> , dry basis	%	13.8
9	CO <sub>2</sub> Rate <sup>(1)</sup> , dry basis	%	5.0
10	Absolute Stack Pressure <sup>(1)</sup>	mm.Hg	757.8

Parameter	Unit	Method	Result	Standard (With Combustion)	Analysis Date
			2311-AS0005		
			ปล่อยระบายจากเตาหลอม (Outlet)		
Particulate <sup>(2)</sup>	mg/Nm <sup>3</sup>	Isokinetic, Gravimetric Method (US.EPA Method 5, Dec 07, 2020)	25.6	320	01-03/11/23
Cu <sup>(2)</sup>	mg/Nm <sup>3</sup>	Isokinetic, Digestion, Direct Air-Acetylene Flame Method (US.EPA Method 29, Aug 02, 2017)	6.659	24	08/11/23
NO <sub>x</sub> as NO <sub>2</sub> <sup>(2)</sup>	ppm	Instrument Analyzer Method (US.EPA Method 7E, Oct 07, 2020)	14.70	200	31/10/23
SO <sub>2</sub> <sup>(2)</sup>	ppm	Instrument Analyzer Method (US.EPA Method 6C, Aug 2, 2017)	< 0.10	60	31/10/23
CO <sup>(2)</sup>	ppm	NDIR Method (US.EPA Method 10, Aug 02, 2017)	190	690	31/10/23

**Remarks** : ปล่อยระบายจากเตาหลอม (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

Chief of Laboratory  
ว-236-ก-0002  
20/11/23



Approved by

Laboratory Manager  
ว-236-ก-0003  
20/11/23

"Refer to Analysis No. R23-3454 and follow to QF-10-02 No. 036/23"

- PRIVATE LABORATORY REGISTERED NO. ว-236
- REPORTED RESULTS REFER TO SUBMITTED SAMPLE(S) ONLY
- DO NOT COPY PARTIAL OF THIS ANALYSIS REPORT WITHOUT OFFICIAL APPROVAL





## TEST REPORT

**Analysis No.** : R23-3719/DIW  
**Received Date** : 30/10/23  
**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** : 20/11/23  
**Analysis Date** : 30/10-03/11/23  
**Job No.** : S660063/Oct/1  
**Sampling By** : Mr. Rattapon Sukdee  
**Registration No.** : ๓-236-ค-0006  
**Type of Sample** : Stack

### Sampling Conditions :

Item	Description	Unit	Result
			2310-AS1160
			การบดอัดปล่อยที่ 1 (RC1)
1	Sampling Date	-	27/10/23
2	Stack Diameter	m	Ø 0.50
3	Temperature <sup>(1)</sup>	°C	34
4	Stack Gas Velocity <sup>(1)</sup>	m/s	12.9
5	Flow Rate <sup>(1)</sup>	m <sup>3</sup> /s	2.5
6	Flow Rate <sup>(2)</sup>	Nm <sup>3</sup> /s	2.4
7	Moisture Content <sup>(1)</sup>	%	1.35
8	O <sub>2</sub> Rate <sup>(1)</sup> , dry basis	%	20.9
9	CO <sub>2</sub> Rate <sup>(1)</sup> , dry basis	%	< 1.0
10	Absolute Stack Pressure <sup>(1)</sup>	mm.Hg	758.4

Parameter	Unit	Method	Result	Standard (Without Combustion)	Analysis Date
			2310-AS1160		
			การบดอัดปล่อยที่ 1 (RC1)		
Particulate <sup>(2)</sup>	mg/Nm <sup>3</sup>	Isokinetic, Gravimetric Method (US.EPA Method 5, Dec 07, 2020)	3.1	400	30/10-01/11/23
Cu <sup>(2)</sup>	mg/Nm <sup>3</sup>	Isokinetic, Digestion, Direct Air-Acetylene Flame Method (US.EPA Method 29, Aug 02, 2017)	0.409	30	03/11/23

**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



Chief of Laboratory  
๓-236-ค-0002  
๒๐/๑๑/๒๓



Approved by



Laboratory Manager  
๓-236-ค-0003  
๒๐/๑๑/๒๓

"Refer to Analysis No. R23-3454 and follow to QF-10-02 No. 036/23"

- PRIVATE LABORATORY REGISTERED NO. ๓-236
- REPORTED RESULTS REFER TO SUBMITTED SAMPLE(S) ONLY
- DO NOT COPY PARTIAL OF THIS ANALYSIS REPORT WITHOUT OFFICIAL APPROVAL



## TEST REPORT

**Analysis No.** : R23-3719/DIW  
**Received Date** : 30/10/23  
**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** : 20/11/23  
**Analysis Date** : 30/10-03/11/23  
**Job No.** : S660063/Oct/1  
**Sampling By** : Mr. Jirawad Intasay  
**Registration No.** : ว-236-จ-0013  
**Type of Sample** : Stack

### Sampling Conditions :

Item	Description	Unit	Result
			2310-AS1161
			การบดอัดปล่อยที่ 2 (RC2-DC1)
1	Sampling Date	-	27/10/23
2	Stack Diameter	m	Ø 0.30
3	Temperature <sup>(1)</sup>	°C	33
4	Stack Gas Velocity <sup>(1)</sup>	m/s	12.6
5	Flow Rate <sup>(1)</sup>	m <sup>3</sup> /s	0.9
6	Flow Rate <sup>(2)</sup>	Nm <sup>3</sup> /s	0.8
7	Moisture Content <sup>(1)</sup>	%	2.24
8	O <sub>2</sub> Rate <sup>(1)</sup> , dry basis	%	20.9
9	CO <sub>2</sub> Rate <sup>(1)</sup> , dry basis	%	< 1.0
10	Absolute Stack Pressure <sup>(1)</sup>	mm.Hg	757.6

Parameter	Unit	Method	Result	Standard (Without Combustion)	Analysis Date
			2310-AS1161		
			การบดอัดปล่อยที่ 2 (RC2-DC1)		
Particulate <sup>(2)</sup>	mg/Nm <sup>3</sup>	Isokinetic, Gravimetric Method (US.EPA Method 5, Dec 07, 2020)	2.3	400	30/10-01/11/23
Cu <sup>(2)</sup>	mg/Nm <sup>3</sup>	Isokinetic, Digestion, Direct Air-Acetylene Flame Method (US.EPA Method 29, Aug 02, 2017)	1.223	30	03/11/23

**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

Chief of Laboratory

ว-236-ก-0002

20/11/23



Approved by

Laboratory Manager

ว-236-ก-0003

20/11/23

"Refer to Analysis No. R23-3454 and follow to QF-10-02 No. 036/23"

- PRIVATE LABORATORY REGISTERED NO. ว-236
- REPORTED RESULTS REFER TO SUBMITTED SAMPLE(S) ONLY
- DO NOT COPY PARTIAL OF THIS ANALYSIS REPORT WITHOUT OFFICIAL APPROVAL





## TEST REPORT

**Analysis No.** : R23-3719/DIW  
**Received Date** : 30/10/23  
**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** : 20/11/23  
**Analysis Date** : 30/10-03/11/23  
**Job No.** : S660063/Oct/1  
**Sampling By** : Mr. Jirawad Intasay  
**Registration No.** : ๓-236-๓-0013  
**Type of Sample** : Stack

### Sampling Conditions :

Item	Description	Unit	Result
			2310-AS1162
			การบดอัดปล่อยที่ 3 (RC2-DC2)
1	Sampling Date	-	27/10/23
2	Stack Diameter	m	Ø 0.25
3	Temperature <sup>(1)</sup>	°C	32
4	Stack Gas Velocity <sup>(1)</sup>	m/s	10.4
5	Flow Rate <sup>(1)</sup>	m <sup>3</sup> /s	0.5
6	Flow Rate <sup>(2)</sup>	Nm <sup>3</sup> /s	0.5
7	Moisture Content <sup>(1)</sup>	%	1.31
8	O <sub>2</sub> Rate <sup>(1)</sup> , dry basis	%	20.9
9	CO <sub>2</sub> Rate <sup>(1)</sup> , dry basis	%	< 1.0
10	Absolute Stack Pressure <sup>(1)</sup>	mm.Hg	757.7

Parameter	Unit	Method	Result	Standard (Without Combustion)	Analysis Date
			2310-AS1162		
			การบดอัดปล่อยที่ 3 (RC2-DC2)		
Particulate <sup>(2)</sup>	mg/Nm <sup>3</sup>	Isokinetic, Gravimetric Method (US.EPA Method 5, Dec 07, 2020)	4.6	400	30/10-01/11/23
Cu <sup>(2)</sup>	mg/Nm <sup>3</sup>	Isokinetic, Digestion, Direct Air-Acetylene Flame Method (US.EPA Method 29, Aug 02, 2017)	1.125	30	03/11/23

**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 Industry (2006) (B.E. 2549)

Reviewed by

Chief of Laboratory  
๓-236-๓-0002  
๒๐/๑๑/๒๓



Approved by

Laboratory Manager  
๓-236-๓-0003  
๒๐/๑๑/๒๓

"Refer to Analysis No. R23-3454 and follow to QF-10-02 No. 036/23"

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

- PRIVATE LABORATORY REGISTERED NO. ๓-236
- REPORTED RESULTS REFER TO SUBMITTED SAMPLE(S) ONLY
- DO NOT COPY PARTIAL OF THIS ANALYSIS REPORT WITHOUT OFFICIAL APPROVAL



## TEST REPORT

**Analysis No.** : R23-3719  
**Received Date** : 30/10-06/11/23  
**Customer** : Technical Division of Thai Environmental Technic Limited  
For บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP  
โครงการผลิตสวดทองแดงส่วนขยายครั้งที่ 1  
**Address** : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม อำเภอบางปะกง  
จังหวัดฉะเชิงเทรา  
**Contact** : Tel. (038) 573 231-5

**Report Date** : 20/11/23  
**Analysis Date** : 30/10-10/11/23  
**Job No.** : S660063/Oct/1  
**Sampling By** : TET  
**Type of Sample** : Ambient Air

Sampling Point	Sample No.	Sampling Date	Result		
			TSP (mg/m <sup>3</sup> )	PM-10 (mg/m <sup>3</sup> )	Cu (µg/m <sup>3</sup> )
โรงเรียนคลองพานทอง (47P 0717248 UTM 1490487)	2310-AA1163	27-28/10/23	0.029	0.012	0.008
	2310-AA1167	28-29/10/23	0.037	0.020	0.016
	2310-AA1268	29-30/10/23	0.033	0.017	0.024
	2311-AA0009	30-31/10/23	0.039	0.018	0.035
	2311-AA0074	31/10-01/11/23	0.036	0.017	0.027
	2311-AA0093	01-02/11/23	0.038	0.022	0.013
	2311-AA0183	02-03/11/23	0.071	0.026	0.022
วัดศรีประจักษ์ (47P 0718391 UTM 1488734)	2310-AA1164	27-28/10/23	0.045	0.023	0.052
	2310-AA1168	28-29/10/23	0.050	0.024	0.044
	2310-AA1269	29-30/10/23	0.048	0.026	0.047
	2311-AA0010	30-31/10/23	0.080	0.020	0.038
	2311-AA0075	31/10-01/11/23	0.054	0.020	0.025
	2311-AA0094	01-02/11/23	0.057	0.026	0.030
	2311-AA0184	02-03/11/23	0.064	0.031	0.032
Standard <sup>(1)</sup>			0.33	0.12	50 <sup>(2)</sup>

**Analysis Date** : TSP, PM-10 (2310-AA1163, 2310-AA1164, 2310-AA1167, 2310-AA1168)/30/10-01/11/23, (2310-AA1268, 2310-AA1269)/31/10-02/11/23,  
(2311-AA0009, 2311-AA0010)/01-03/11/23, (2311-AA0074, 2311-AA0075)/02-06/11/23, (2311-AA0093, 2311-AA0094)/03-07/11/23,  
(2311-AA0183, 2311-AA0184)/06-08/11/23  
Cu (2310-AA1163, 2310-AA1164, 2310-AA1167, 2310-AA1168)/03/11/23, (2310-AA1268, 2310-AA1269)/07/11/23, (2311-AA0009, 2311-AA0010)/08/11/23,  
(2311-AA0074, 2311-AA0075, 2311-AA0093, 2311-AA0094, 2311-AA0183, 2311-AA0184)/10/11/23

**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)

**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

[Signature]

Chief of Laboratory  
20/11/23

Approved by

[Signature]

Laboratory Manager  
20/11/23

"Refer to Analysis No. R23-3454 and follow to QF-10-02 No. 036/23 in order to edit standard on page 1"

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





## TEST REPORT

**Analysis No.** : R23-3719  
**Received Date** : 30/10-06/11/23  
**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** : 20/11/23  
**Analysis Date** : 30/10-10/11/23  
**Job No.** : S660063/Oct/1  
**Sampling By** : TET  
**Type of Sample** : Ambient Air

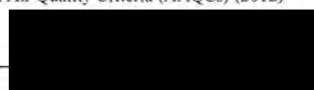
Sampling Point	Sample No.	Sampling Date	Result		
			TSP (mg/m <sup>3</sup> )	PM-10 (mg/m <sup>3</sup> )	Cu (µg/m <sup>3</sup> )
รพ.สต.ท่าข้าม (47P 0715874 UTM 1491061)	2310-AA1165	27-28/10/23	0.043	0.012	0.078
	2310-AA1169	28-29/10/23	0.050	0.019	0.074
	2310-AA1270	29-30/10/23	0.051	0.021	0.091
	2311-AA0011	30-31/10/23	0.075	0.020	0.072
	2311-AA0076	31/10-01/11/23	0.080	0.020	0.070
	2311-AA0095	01-02/11/23	0.066	0.022	0.068
	2311-AA0185	02-03/11/23	0.127	0.029	0.062
วัดบุญญราศรี (47P 0715866 UTM 1487219)	2310-AA1166	27-28/10/23	0.041	0.016	0.015
	2310-AA1170	28-29/10/23	0.046	0.019	0.010
	2310-AA1271	29-30/10/23	0.035	0.021	0.014
	2311-AA0012	30-31/10/23	0.066	0.020	0.010
	2311-AA0077	31/10-01/11/23	0.065	0.018	0.010
	2311-AA0096	01-02/11/23	0.063	0.025	0.010
	2311-AA0186	02-03/11/23	0.085	0.030	0.009
Standard <sup>(1)</sup>			0.33	0.12	50 <sup>(2)</sup>

**Analysis Date** : TSP, PM-10 (2310-AA1165, 2310-AA1166, 2310-AA1169, 2310-AA1170)/30/10-01/11/23, (2310-AA1270, 2310-AA1271)/31/10-02/11/23,  
(2311-AA0011, 2311-AA0012)/01-03/11/23, (2311-AA0076, 2311-AA0077)/02-06/11/23, (2311-AA0095, 2311-AA0096)/03-07/11/23,  
(2311-AA0185, 2311-AA0186)/06-08/11/23  
Cu (2310-AA1165, 2310-AA1166, 2310-AA1169, 2310-AA1170)/03/11/23, (2310-AA1270, 2310-AA1271)/07/11/23, (2311-AA0011, 2311-AA0012)/08/11/23,  
(2311-AA0076, 2311-AA0077, 2311-AA0095, 2311-AA0096, 2311-AA0185, 2311-AA0186)/10/11/23

**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)

**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



Chief of Laboratory  
20.11.23

Approved by



Laboratory Manager  
20.11.23

"Refer to Analysis No. R23-3454 and follow to QF-10-02 No. 036/23 in order to edit standard on page 1"

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

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



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 ไทยเมทัลโปรดักส์ จำกัด/TMP

Report No. : 3454/2023/1-23

Project : โครงการผลิตขวดทองแดงส่วนขยาย ครั้งที่ 1

Report Date : November 14, 2023

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

Sampling Date : October 27-November 3, 2023

อำเภอบางปะกง จังหวัดฉะเชิงเทรา 24130

Type of Sample : Ambient Air

Contact : Tel. (038) 573 231-5

Job No. : S660063/Oct/1

Item	Time	Result						
		โรงเรียนคลองพานทอง						
		NO <sub>2</sub> (ppm)						
		27-28/10/23	28-29/10/23	29-30/10/23	30-31/10/23	31/10-01/11/23	01-02/11/23	02-03/11/23
1.	12:00-13:00	0.0029	0.0032	0.0052	0.0052	0.0050	0.0074	0.0026
2.	13:00-14:00	0.0038	0.0042	0.0052	0.0066	0.0052	0.0068	0.0074
3.	14:00-15:00	0.0042	0.0041	0.0060	0.0061	0.0071	0.0047	0.0054
4.	15:00-16:00	0.0048	0.0048	0.0054	0.0051	0.0067	0.0045	0.0048
5.	16:00-17:00	0.0042	0.0047	0.0044	0.0064	0.0058	0.0050	0.0057
6.	17:00-18:00	0.0044	0.0029	0.0042	0.0055	0.0060	0.0044	0.0051
7.	18:00-19:00	0.0039	0.0032	0.0042	0.0047	0.0041	0.0048	0.0042
8.	19:00-20:00	0.0050	0.0039	0.0044	0.0054	0.0044	0.0038	0.0045
9.	20:00-21:00	0.0044	0.0038	0.0044	0.0054	0.0048	0.0036	0.0047
10.	21:00-22:00	0.0051	0.0055	0.0029	0.0033	0.0057	0.0061	0.0055
11.	22:00-23:00	0.0050	0.0055	0.0036	0.0055	0.0042	0.0047	0.0048
12.	23:00-00:00	0.0036	0.0045	0.0028	0.0042	0.0041	0.0048	0.0048
13.	00:00-01:00	0.0041	0.0054	0.0039	0.0045	0.0048	0.0022	0.0025
14.	01:00-02:00	0.0029	0.0055	0.0039	0.0031	0.0039	0.0022	0.0022
15.	02:00-03:00	0.0033	0.0052	0.0026	0.0033	0.0025	0.0023	0.0023
16.	03:00-04:00	0.0038	0.0039	0.0015	0.0026	0.0031	0.0025	0.0020
17.	04:00-05:00	0.0042	0.0033	0.0015	0.0026	0.0035	0.0023	0.0023
18.	05:00-06:00	0.0028	0.0029	0.0015	0.0022	0.0022	0.0025	0.0017
19.	06:00-07:00	0.0035	0.0032	0.0013	0.0020	0.0022	0.0022	0.0017
20.	07:00-08:00	0.0036	0.0028	0.0022	0.0023	0.0023	0.0019	0.0019
21.	08:00-09:00	0.0023	0.0020	0.0013	0.0023	0.0025	0.0026	0.0019
22.	09:00-10:00	0.0019	0.0023	0.0020	0.0033	0.0023	0.0025	0.0038
23.	10:00-11:00	0.0038	0.0023	0.0057	0.0042	0.0025	0.0022	0.0026
24.	11:00-12:00	0.0028	0.0039	0.0063	0.0042	0.0057	0.0019	0.0029
Minimum		0.0019	0.0020	0.0013	0.0020	0.0022	0.0019	0.0017
Maximum		0.0051	0.0055	0.0063	0.0066	0.0071	0.0074	0.0074
Average		0.0038	0.0039	0.0036	0.0042	0.0042	0.0037	0.0036
Standard <sup>(1)</sup>		0.17						

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



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. : 3454/2023/2-23

Project : โครงการผลิตหลอดทองแดงส่วนขยาย ครั้งที่ 1

Report Date : November 14, 2023

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

Sampling Date : October 27-November 3, 2023

อำเภอบางปะกง จังหวัดฉะเชิงเทรา 24130

Type of Sample : Ambient Air

Contact : Tel. (038) 573 231-5

Job No. : S660063/Oct/1

Item	Time	Result						
		วัดศรีประจักษ์						
		NO <sub>2</sub> (ppm)						
		27-28/10/23	28-29/10/23	29-30/10/23	30-31/10/23	31/10-01/11/23	01-02/11/23	02-03/11/23
1.	13:00-14:00	0.0048	0.0051	0.0036	0.0041	0.0042	0.0042	0.0065
2.	14:00-15:00	0.0045	0.0050	0.0041	0.0035	0.0045	0.0056	0.0044
3.	15:00-16:00	0.0033	0.0048	0.0039	0.0042	0.0050	0.0073	0.0062
4.	16:00-17:00	0.0039	0.0062	0.0038	0.0050	0.0047	0.0055	0.0064
5.	17:00-18:00	0.0048	0.0047	0.0026	0.0064	0.0035	0.0055	0.0044
6.	18:00-19:00	0.0062	0.0053	0.0038	0.0051	0.0051	0.0061	0.0058
7.	19:00-20:00	0.0045	0.0018	0.0029	0.0045	0.0048	0.0047	0.0061
8.	20:00-21:00	0.0035	0.0027	0.0030	0.0042	0.0035	0.0064	0.0039
9.	21:00-22:00	0.0041	0.0042	0.0030	0.0048	0.0048	0.0045	0.0029
10.	22:00-23:00	0.0030	0.0030	0.0020	0.0045	0.0038	0.0044	0.0036
11.	23:00-00:00	0.0033	0.0035	0.0018	0.0036	0.0035	0.0039	0.0029
12.	00:00-01:00	0.0021	0.0033	0.0015	0.0033	0.0024	0.0048	0.0026
13.	01:00-02:00	0.0033	0.0017	0.0020	0.0029	0.0020	0.0029	0.0024
14.	02:00-03:00	0.0024	0.0017	0.0020	0.0021	0.0020	0.0032	0.0020
15.	03:00-04:00	0.0029	0.0038	0.0018	0.0024	0.0017	0.0029	0.0021
16.	04:00-05:00	0.0029	0.0035	0.0018	0.0020	0.0018	0.0026	0.0024
17.	05:00-06:00	0.0020	0.0035	0.0021	0.0027	0.0029	0.0023	0.0018
18.	06:00-07:00	0.0032	0.0032	0.0021	0.0027	0.0032	0.0020	0.0018
19.	07:00-08:00	0.0018	0.0033	0.0032	0.0042	0.0048	0.0021	0.0029
20.	08:00-09:00	0.0027	0.0036	0.0047	0.0044	0.0041	0.0024	0.0050
21.	09:00-10:00	0.0039	0.0048	0.0045	0.0061	0.0038	0.0033	0.0027
22.	10:00-11:00	0.0059	0.0041	0.0027	0.0038	0.0044	0.0027	0.0038
23.	11:00-12:00	0.0058	0.0050	0.0050	0.0030	0.0026	0.0029	0.0035
24.	12:00-13:00	0.0051	0.0050	0.0044	0.0041	0.0038	0.0065	0.0032
Minimum		0.0018	0.0017	0.0015	0.0020	0.0017	0.0020	0.0018
Maximum		0.0062	0.0062	0.0050	0.0064	0.0051	0.0073	0.0065
Average		0.0038	0.0039	0.0030	0.0039	0.0036	0.0041	0.0037
Standard <sup>(1)</sup>		0.17						

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



General Manager

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



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. : 3454/2023/3-23

Project : โครงการผลิตขวดทองแดงส่วนขยาย ครั้งที่ 1

Report Date : November 14, 2023

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

Sampling Date : October 27-November 3, 2023

อำเภอบางปะกง จังหวัดฉะเชิงเทรา 24130

Type of Sample : Ambient Air

Contact : Tel. (038) 573 231-5

Job No. : S660063/Oct/1

Item	Time	Result						
		รพ.สต.ท่าข้าม						
		NO <sub>2</sub> (ppm)						
		27-28/10/23	28-29/10/23	29-30/10/23	30-31/10/23	31/10-01/11/23	01-02/11/23	02-03/11/23
1.	15:00-16:00	0.0017	0.0029	0.0019	0.0019	0.0021	0.0021	0.0015
2.	16:00-17:00	0.0017	0.0033	0.0019	0.0015	0.0036	0.0017	0.0019
3.	17:00-18:00	0.0013	0.0021	0.0017	0.0019	0.0042	0.0042	0.0015
4.	18:00-19:00	0.0013	0.0025	0.0015	0.0015	0.0038	0.0019	0.0021
5.	19:00-20:00	0.0013	0.0015	0.0012	0.0015	0.0071	0.0033	0.0021
6.	20:00-21:00	0.0013	0.0017	0.0029	0.0027	0.0038	0.0029	0.0017
7.	21:00-22:00	0.0019	0.0017	0.0035	0.0050	0.0031	0.0033	0.0042
8.	22:00-23:00	0.0021	0.0021	0.0050	0.0046	0.0050	0.0044	0.0038
9.	23:00-00:00	0.0021	0.0058	0.0063	0.0031	0.0054	0.0025	0.0077
10.	00:00-01:00	0.0023	0.0069	0.0046	0.0054	0.0073	0.0046	0.0065
11.	01:00-02:00	0.0027	0.0052	0.0058	0.0052	0.0071	0.0027	0.0052
12.	02:00-03:00	0.0048	0.0067	0.0060	0.0067	0.0048	0.0052	0.0056
13.	03:00-04:00	0.0048	0.0058	0.0048	0.0033	0.0071	0.0056	0.0052
14.	04:00-05:00	0.0052	0.0063	0.0052	0.0044	0.0083	0.0054	0.0061
15.	05:00-06:00	0.0052	0.0027	0.0079	0.0044	0.0063	0.0050	0.0046
16.	06:00-07:00	0.0038	0.0052	0.0058	0.0046	0.0065	0.0060	0.0052
17.	07:00-08:00	0.0067	0.0048	0.0052	0.0027	0.0065	0.0060	0.0063
18.	08:00-09:00	0.0052	0.0046	0.0063	0.0033	0.0052	0.0056	0.0052
19.	09:00-10:00	0.0069	0.0050	0.0073	0.0038	0.0096	0.0079	0.0031
20.	10:00-11:00	0.0063	0.0036	0.0025	0.0019	0.0058	0.0036	0.0033
21.	11:00-12:00	0.0065	0.0033	0.0017	0.0073	0.0054	0.0038	0.0031
22.	12:00-13:00	0.0017	0.0019	0.0017	0.0058	0.0019	0.0013	0.0017
23.	13:00-14:00	0.0023	0.0023	0.0015	0.0035	0.0015	0.0019	0.0013
24.	14:00-15:00	0.0036	0.0027	0.0017	0.0021	0.0021	0.0019	0.0019
Minimum		0.0013	0.0015	0.0012	0.0015	0.0015	0.0013	0.0013
Maximum		0.0069	0.0069	0.0079	0.0073	0.0096	0.0079	0.0077
Average		0.0035	0.0038	0.0039	0.0037	0.0052	0.0039	0.0038
Standard <sup>(1)</sup>		0.17						

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



General Manager

REPORTED RESULTS REFER TO SUBMITTED SAMPLE(S) ONLY

DO NOT COPY PARTIAL OF THIS ANALYSIS REPORT WITHOUT OFFICIAL APPROVAL





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. : 3454/2023/4-23

Project : โครงการผลิตลวดทองแดงส่วนขยาย ครั้งที่ 1

Report Date : November 14, 2023

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

Sampling Date : October 27-November 3, 2023

อำเภอบางปะกง จังหวัดฉะเชิงเทรา 24130

Type of Sample : Ambient Air

Contact : Tel. (038) 573 231-5

Job No. : S660063/Oct/1

Item	Time	Result						
		วัดบุญญราศรี						
		NO <sub>2</sub> (ppm)						
		27-28/10/23	28-29/10/23	29-30/10/23	30-31/10/23	31/10-01/11/23	01-02/11/23	02-03/11/23
1.	14:00-15:00	0.0033	0.0040	0.0047	0.0026	0.0022	0.0031	0.0025
2.	15:00-16:00	0.0032	0.0029	0.0027	0.0023	0.0029	0.0030	0.0030
3.	16:00-17:00	0.0036	0.0033	0.0039	0.0028	0.0027	0.0022	0.0030
4.	17:00-18:00	0.0036	0.0035	0.0024	0.0027	0.0024	0.0029	0.0025
5.	18:00-19:00	0.0037	0.0062	0.0025	0.0022	0.0031	0.0028	0.0026
6.	19:00-20:00	0.0033	0.0026	0.0031	0.0028	0.0024	0.0023	0.0031
7.	20:00-21:00	0.0043	0.0023	0.0023	0.0025	0.0028	0.0027	0.0029
8.	21:00-22:00	0.0025	0.0022	0.0032	0.0023	0.0029	0.0029	0.0025
9.	22:00-23:00	0.0055	0.0042	0.0021	0.0028	0.0022	0.0024	0.0027
10.	23:00-00:00	0.0035	0.0035	0.0035	0.0025	0.0029	0.0026	0.0029
11.	00:00-01:00	0.0031	0.0029	0.0028	0.0023	0.0030	0.0029	0.0029
12.	01:00-02:00	0.0029	0.0036	0.0041	0.0027	0.0025	0.0028	0.0028
13.	02:00-03:00	0.0025	0.0045	0.0030	0.0020	0.0029	0.0024	0.0025
14.	03:00-04:00	0.0043	0.0047	0.0025	0.0028	0.0030	0.0029	0.0029
15.	04:00-05:00	0.0048	0.0030	0.0030	0.0022	0.0029	0.0029	0.0029
16.	05:00-06:00	0.0025	0.0040	0.0024	0.0027	0.0023	0.0024	0.0028
17.	06:00-07:00	0.0025	0.0022	0.0027	0.0027	0.0029	0.0027	0.0025
18.	07:00-08:00	0.0028	0.0041	0.0029	0.0022	0.0029	0.0029	0.0034
19.	08:00-09:00	0.0058	0.0029	0.0024	0.0028	0.0026	0.0029	0.0023
20.	09:00-10:00	0.0037	0.0053	0.0027	0.0022	0.0024	0.0025	0.0029
21.	10:00-11:00	0.0032	0.0026	0.0028	0.0028	0.0030	0.0026	0.0029
22.	11:00-12:00	0.0039	0.0042	0.0028	0.0027	0.0029	0.0029	0.0029
23.	12:00-13:00	0.0036	0.0050	0.0023	0.0025	0.0025	0.0029	0.0026
24.	13:00-14:00	0.0035	0.0069	0.0027	0.0030	0.0030	0.0027	0.0029
Minimum		0.0025	0.0022	0.0021	0.0020	0.0022	0.0022	0.0023
Maximum		0.0058	0.0069	0.0047	0.0030	0.0031	0.0031	0.0034
Average		0.0036	0.0038	0.0029	0.0025	0.0027	0.0027	0.0028
Standard <sup>(1)</sup>		0.17						

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



General Manager

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



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 ไทยเมทัลโปรดิวเซอร์ จำกัด/TMP

Report No. : 3454/2023/5-23

Project : โครงการผลิตลวดทองแดงส่วนขยาย ครั้งที่ 1

Report Date : November 14, 2023

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

Sampling Date : October 27-November 3, 2023

อำเภอบางปะกง จังหวัดฉะเชิงเทรา 24130

Type of Sample : Ambient Air

Contact : Tel. (038) 573 231-5

Job No. : S660063/Oct/1

Item	Time	Result							
		โรงเรียนคลองพานทอง							
		SO <sub>2</sub> (ppm)							
		27-28/10/23	28-29/10/23	29-30/10/23	30-31/10/23	31/10-01/11/23	01-02/11/23	02-03/11/23	
1.	12:00-13:00	0.0038	0.0037	0.0034	0.0033	0.0040	0.0041	0.0032	
2.	13:00-14:00	0.0039	0.0038	0.0033	0.0032	0.0036	0.0037	0.0033	
3.	14:00-15:00	0.0036	0.0035	0.0037	0.0038	0.0035	0.0040	0.0034	
4.	15:00-16:00	0.0039	0.0037	0.0038	0.0035	0.0034	0.0039	0.0039	
5.	16:00-17:00	0.0039	0.0039	0.0038	0.0035	0.0035	0.0040	0.0039	
6.	17:00-18:00	0.0035	0.0039	0.0039	0.0034	0.0036	0.0039	0.0038	
7.	18:00-19:00	0.0034	0.0035	0.0039	0.0032	0.0037	0.0040	0.0040	
8.	19:00-20:00	0.0038	0.0039	0.0034	0.0038	0.0039	0.0036	0.0038	
9.	20:00-21:00	0.0031	0.0037	0.0035	0.0039	0.0032	0.0039	0.0039	
10.	21:00-22:00	0.0033	0.0036	0.0034	0.0034	0.0033	0.0038	0.0040	
11.	22:00-23:00	0.0038	0.0033	0.0033	0.0036	0.0032	0.0032	0.0040	
12.	23:00-00:00	0.0039	0.0034	0.0036	0.0037	0.0036	0.0037	0.0039	
13.	00:00-01:00	0.0034	0.0039	0.0035	0.0034	0.0031	0.0039	0.0033	
14.	01:00-02:00	0.0036	0.0034	0.0038	0.0034	0.0040	0.0036	0.0041	
15.	02:00-03:00	0.0038	0.0036	0.0038	0.0034	0.0036	0.0040	0.0033	
16.	03:00-04:00	0.0037	0.0040	0.0036	0.0039	0.0034	0.0033	0.0038	
17.	04:00-05:00	0.0036	0.0030	0.0034	0.0038	0.0029	0.0038	0.0034	
18.	05:00-06:00	0.0039	0.0037	0.0035	0.0038	0.0037	0.0035	0.0034	
19.	06:00-07:00	0.0038	0.0033	0.0043	0.0031	0.0040	0.0041	0.0033	
20.	07:00-08:00	0.0039	0.0035	0.0041	0.0034	0.0039	0.0036	0.0036	
21.	08:00-09:00	0.0035	0.0035	0.0036	0.0035	0.0041	0.0033	0.0036	
22.	09:00-10:00	0.0041	0.0037	0.0035	0.0035	0.0035	0.0036	0.0038	
23.	10:00-11:00	0.0035	0.0037	0.0037	0.0035	0.0045	0.0036	0.0034	
24.	11:00-12:00	0.0039	0.0036	0.0034	0.0046	0.0036	0.0037	0.0036	
Minimum		0.0031	0.0030	0.0033	0.0031	0.0029	0.0032	0.0032	
Maximum		0.0041	0.0040	0.0043	0.0046	0.0045	0.0041	0.0041	
Average		0.0037	0.0036	0.0036	0.0036	0.0036	0.0037	0.0037	
Standard <sup>(1)</sup>		0.30							

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



General Manager

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





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 ไทยเมทัลโปรดักส์ จำกัด/TMP

Report No. : 3454/2023/6-23

Project : โครงการผลิตขวดทองแดงส่วนขยาย ครั้งที่ 1

Report Date : November 14, 2023

Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม  
อำเภอบางปะกง จังหวัดฉะเชิงเทรา 24130

Sampling Date : October 27-November 3, 2023

Type of Sample : Ambient Air

Contact : Tel. (038) 573 231-5

Job No. : S660063/Oct/1

Item	Time	Result						
		วัดศรีประจักษ์						
		SO <sub>2</sub> (ppm)						
		27-28/10/23	28-29/10/23	29-30/10/23	30-31/10/23	31/10-01/11/23	01-02/11/23	02-03/11/23
1.	13:00-14:00	0.0037	0.0034	0.0036	0.0037	0.0033	0.0041	0.0035
2.	14:00-15:00	0.0036	0.0035	0.0036	0.0035	0.0038	0.0041	0.0035
3.	15:00-16:00	0.0040	0.0041	0.0033	0.0035	0.0033	0.0036	0.0034
4.	16:00-17:00	0.0039	0.0039	0.0039	0.0041	0.0044	0.0042	0.0043
5.	17:00-18:00	0.0035	0.0037	0.0037	0.0033	0.0043	0.0036	0.0036
6.	18:00-19:00	0.0040	0.0037	0.0034	0.0030	0.0042	0.0040	0.0035
7.	19:00-20:00	0.0042	0.0040	0.0035	0.0043	0.0035	0.0038	0.0041
8.	20:00-21:00	0.0043	0.0042	0.0038	0.0034	0.0031	0.0040	0.0036
9.	21:00-22:00	0.0041	0.0042	0.0040	0.0033	0.0036	0.0044	0.0035
10.	22:00-23:00	0.0037	0.0035	0.0036	0.0040	0.0038	0.0037	0.0039
11.	23:00-00:00	0.0036	0.0039	0.0040	0.0036	0.0030	0.0040	0.0039
12.	00:00-01:00	0.0039	0.0040	0.0038	0.0035	0.0040	0.0036	0.0037
13.	01:00-02:00	0.0041	0.0037	0.0037	0.0033	0.0037	0.0040	0.0042
14.	02:00-03:00	0.0035	0.0039	0.0031	0.0034	0.0038	0.0040	0.0034
15.	03:00-04:00	0.0038	0.0038	0.0035	0.0041	0.0040	0.0041	0.0041
16.	04:00-05:00	0.0042	0.0038	0.0040	0.0037	0.0040	0.0033	0.0040
17.	05:00-06:00	0.0038	0.0042	0.0035	0.0040	0.0034	0.0034	0.0040
18.	06:00-07:00	0.0040	0.0039	0.0035	0.0037	0.0033	0.0042	0.0033
19.	07:00-08:00	0.0043	0.0038	0.0041	0.0036	0.0035	0.0040	0.0037
20.	08:00-09:00	0.0040	0.0037	0.0033	0.0037	0.0043	0.0037	0.0034
21.	09:00-10:00	0.0039	0.0043	0.0038	0.0045	0.0040	0.0035	0.0036
22.	10:00-11:00	0.0037	0.0043	0.0037	0.0040	0.0042	0.0045	0.0039
23.	11:00-12:00	0.0039	0.0040	0.0039	0.0039	0.0036	0.0042	0.0032
24.	12:00-13:00	0.0039	0.0036	0.0034	0.0039	0.0042	0.0036	0.0037
Minimum		0.0035	0.0034	0.0031	0.0030	0.0030	0.0033	0.0032
Maximum		0.0043	0.0043	0.0041	0.0045	0.0044	0.0045	0.0043
Average		0.0039	0.0039	0.0037	0.0037	0.0038	0.0039	0.0037
Standard <sup>(1)</sup>		0.30						

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



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 ไทยเมทัลโปรดเซส จำกัด/TMP

Report No. : 3454/2023/7-23

Project : โครงการผลิตลวดทองแดงส่วนขยาย ครั้งที่ 1

Report Date : November 14, 2023

Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม  
อำเภอบางปะกง จังหวัดฉะเชิงเทรา 24130

Sampling Date : October 27-November 3, 2023

Type of Sample : Ambient Air

Contact : Tel. (038) 573 231-5

Job No. : S660063/Oct/1

Item	Time	Result						
		รพ.สต.ท่าข้าม						
		SO <sub>2</sub> (ppm)						
		27-28/10/23	28-29/10/23	29-30/10/23	30-31/10/23	31/10-01/11/23	01-02/11/23	02-03/11/23
1.	15:00-16:00	0.0020	0.0029	0.0014	0.0020	0.0014	0.0020	0.0020
2.	16:00-17:00	0.0018	0.0025	0.0019	0.0018	0.0013	0.0021	0.0022
3.	17:00-18:00	0.0015	0.0031	0.0014	0.0015	0.0015	0.0013	0.0023
4.	18:00-19:00	0.0013	0.0023	0.0025	0.0013	0.0023	0.0014	0.0021
5.	19:00-20:00	0.0013	0.0032	0.0024	0.0013	0.0020	0.0022	0.0017
6.	20:00-21:00	0.0019	0.0033	0.0023	0.0019	0.0022	0.0022	0.0016
7.	21:00-22:00	0.0016	0.0024	0.0016	0.0016	0.0023	0.0014	0.0019
8.	22:00-23:00	0.0020	0.0027	0.0012	0.0020	0.0014	0.0021	0.0021
9.	23:00-00:00	0.0017	0.0030	0.0017	0.0017	0.0017	0.0020	0.0015
10.	00:00-01:00	0.0017	0.0031	0.0019	0.0017	0.0023	0.0020	0.0018
11.	01:00-02:00	0.0016	0.0025	0.0022	0.0016	0.0024	0.0015	0.0022
12.	02:00-03:00	0.0020	0.0023	0.0021	0.0020	0.0023	0.0025	0.0018
13.	03:00-04:00	0.0015	0.0024	0.0018	0.0015	0.0017	0.0022	0.0020
14.	04:00-05:00	0.0015	0.0031	0.0019	0.0015	0.0023	0.0016	0.0023
15.	05:00-06:00	0.0017	0.0027	0.0021	0.0017	0.0021	0.0015	0.0020
16.	06:00-07:00	0.0018	0.0030	0.0017	0.0018	0.0020	0.0015	0.0019
17.	07:00-08:00	0.0021	0.0027	0.0023	0.0021	0.0017	0.0014	0.0017
18.	08:00-09:00	0.0014	0.0026	0.0024	0.0014	0.0016	0.0023	0.0023
19.	09:00-10:00	0.0012	0.0027	0.0018	0.0012	0.0022	0.0016	0.0020
20.	10:00-11:00	0.0016	0.0035	0.0020	0.0016	0.0024	0.0015	0.0014
21.	11:00-12:00	0.0018	0.0030	0.0031	0.0018	0.0017	0.0021	0.0015
22.	12:00-13:00	0.0017	0.0040	0.0018	0.0017	0.0020	0.0020	0.0023
23.	13:00-14:00	0.0018	0.0029	0.0017	0.0018	0.0016	0.0019	0.0019
24.	14:00-15:00	0.0011	0.0023	0.0023	0.0011	0.0020	0.0015	0.0022
Minimum		0.0011	0.0023	0.0012	0.0011	0.0013	0.0013	0.0014
Maximum		0.0021	0.0040	0.0031	0.0021	0.0024	0.0025	0.0023
Average		0.0017	0.0028	0.0020	0.0017	0.0019	0.0018	0.0019
Standard <sup>(1)</sup>		0.30						

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



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 ไทยเมทัลโปรดเซสซิ่ง จำกัด/TMP

Report No. : 3454/2023/8-23

Project : โครงการผลิตลวดทองแดงส่วนขยาย ครั้งที่ 1

Report Date : November 14, 2023

Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม  
อำเภอบางปะกง จังหวัดฉะเชิงเทรา 24130

Sampling Date : October 27-November 3, 2023

Type of Sample : Ambient Air

Contact : Tel. (038) 573 231-5

Job No. : S660063/Oct/1

Item	Time	Result						
		วัดบรรยากาศ						
		SO <sub>2</sub> (ppm)						
		27-28/10/23	28-29/10/23	29-30/10/23	30-31/10/23	31/10-01/11/23	01-02/11/23	02-03/11/23
1.	14:00-15:00	0.0030	0.0022	0.0017	0.0021	0.0019	0.0023	0.0025
2.	15:00-16:00	0.0022	0.0021	0.0014	0.0022	0.0019	0.0024	0.0016
3.	16:00-17:00	0.0023	0.0023	0.0015	0.0023	0.0019	0.0022	0.0016
4.	17:00-18:00	0.0025	0.0025	0.0016	0.0023	0.0017	0.0022	0.0013
5.	18:00-19:00	0.0025	0.0028	0.0016	0.0019	0.0017	0.0024	0.0015
6.	19:00-20:00	0.0023	0.0025	0.0015	0.0019	0.0020	0.0026	0.0016
7.	20:00-21:00	0.0022	0.0023	0.0016	0.0019	0.0020	0.0025	0.0016
8.	21:00-22:00	0.0024	0.0022	0.0018	0.0021	0.0019	0.0026	0.0018
9.	22:00-23:00	0.0024	0.0024	0.0020	0.0019	0.0018	0.0024	0.0013
10.	23:00-00:00	0.0020	0.0026	0.0018	0.0016	0.0019	0.0027	0.0013
11.	00:00-01:00	0.0019	0.0025	0.0017	0.0018	0.0020	0.0018	0.0015
12.	01:00-02:00	0.0022	0.0024	0.0018	0.0020	0.0021	0.0017	0.0016
13.	02:00-03:00	0.0022	0.0024	0.0018	0.0020	0.0019	0.0016	0.0014
14.	03:00-04:00	0.0022	0.0026	0.0018	0.0018	0.0018	0.0013	0.0012
15.	04:00-05:00	0.0020	0.0028	0.0018	0.0017	0.0019	0.0015	0.0012
16.	05:00-06:00	0.0021	0.0026	0.0019	0.0020	0.0021	0.0017	0.0014
17.	06:00-07:00	0.0022	0.0025	0.0021	0.0020	0.0019	0.0016	0.0015
18.	07:00-08:00	0.0020	0.0026	0.0022	0.0021	0.0018	0.0015	0.0014
19.	08:00-09:00	0.0019	0.0029	0.0020	0.0019	0.0019	0.0013	0.0022
20.	09:00-10:00	0.0020	0.0030	0.0018	0.0020	0.0021	0.0015	0.0011
21.	10:00-11:00	0.0021	0.0029	0.0020	0.0020	0.0022	0.0015	0.0013
22.	11:00-12:00	0.0022	0.0028	0.0021	0.0020	0.0022	0.0013	0.0013
23.	12:00-13:00	0.0020	0.0028	0.0022	0.0018	0.0019	0.0024	0.0012
24.	13:00-14:00	0.0019	0.0017	0.0021	0.0019	0.0020	0.0014	0.0009
Minimum		0.0019	0.0017	0.0014	0.0016	0.0017	0.0013	0.0009
Maximum		0.0030	0.0030	0.0022	0.0023	0.0022	0.0027	0.0025
Average		0.0022	0.0025	0.0018	0.0020	0.0019	0.0019	0.0015
Standard <sup>(1)</sup>		0.30						

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



General Manager



Thai Environmental Technic Limited  
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

ORIGINAL

ต้นฉบับ

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

E-mail : admin@tet1995.com

1/6 ซอยรามคำแหง 145 แขวงสะพานสูง เขตสะพานสูง กรุงเทพมหานคร 10240

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

## TEST REPORT

Customer Name : บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP

Report No. : 3454/2023/9-23

Project : โครงการผลิตลวดทองแดงส่วนขยาย ครั้งที่ 1

Report Date : November 14, 2023

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

Sampling Date : October 27-November 3, 2023

อำเภอบางปะกง จังหวัดฉะเชิงเทรา 24130

Type of Sample : Ambient Air

Contact : Tel. (038) 573 231-5

Job No. : S660063/Oct/1

Item	Sampling Date	Result			
		SO <sub>2</sub> <sup>(24 hr)</sup> (ppm)			
		โรงเรียนคลองพานทอง	วัดศรีประจักษ์	รพ.สต.ท่าข้าม	วัดบุญญราศรี
1.	27-28/10/23	0.0037	0.0039	0.0017	0.0022
2.	28-29/10/23	0.0036	0.0039	0.0028	0.0025
3.	29-30/10/23	0.0036	0.0037	0.0020	0.0018
4.	30-31/10/23	0.0036	0.0037	0.0017	0.0020
5.	31/10-01/11/23	0.0036	0.0038	0.0019	0.0019
6.	01-02/11/23	0.0037	0.0039	0.0018	0.0019
7.	02-03/11/23	0.0037	0.0037	0.0019	0.0015
Standard <sup>(1)</sup>		0.12			

Standard : <sup>(1)</sup> 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)



General Manager

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





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. : 3454/2023/10-23

Project : โครงการผลิตขวดทองแดงส่วนขยาย ครั้งที่ 1

Report Date : November 14, 2023

Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม  
อำเภอบางปะกง จังหวัดฉะเชิงเทรา 24130

Sampling Date : October 27-November 3, 2023

Type of Sample : WS & WD

Contact : Tel. (038) 573 231-5

Job No. : S660063/Oct/1

Item	Time	Result													
		โรงเรียนคลองพานทอง													
		27-28/10/23		28-29/10/23		29-30/10/23		30-31/10/23		31/10-01/11/23		01-02/11/23		02-03/11/23	
		WS	WD	WS	WD	WS	WD	WS	WD	WS	WD	WS	WD	WS	WD
1.	12:00	1.3	E	1.3	N	2.7	NE	3.1	ENE	4.0	NE	4.0	NE	2.7	ESE
2.	13:00	1.8	N	2.2	W	3.1	NE	4.0	ENE	4.9	NE	2.7	ENE	3.1	ENE
3.	14:00	1.3	N	4.0	W	1.3	ESE	3.6	NE	4.0	NE	3.1	ENE	3.6	NE
4.	15:00	1.8	N	3.1	W	1.8	SSW	3.6	ENE	4.0	NE	3.6	NE	3.1	NE
5.	16:00	3.6	W	2.2	NNW	1.3	SSW	4.5	NE	4.0	NE	4.5	NE	3.1	NE
6.	17:00	2.7	W	1.3	N	1.8	SSW	4.0	NNW	4.0	ENE	4.0	NE	2.2	NE
7.	18:00	1.3	W	1.8	N	1.8	ESE	0.9	NNW	0.9	NE	3.6	NE	0.9	NNE
8.	19:00	0.4	SSW	2.2	N	0.4	E	0.0	NNW	0.9	E	4.0	NE	0.9	N
9.	20:00	0.0	SSW	1.8	N	0.4	SE	0.4	NNW	3.1	NE	2.2	NE	0.4	ESE
10.	21:00	0.0	SSW	2.2	SE	1.3	ESE	1.8	N	2.2	NE	0.9	E	0.4	ESE
11.	22:00	0.4	SE	2.2	SE	0.4	E	1.8	N	0.9	E	3.1	NE	0.4	ESE
12.	23:00	1.8	ESE	0.9	SE	0.4	E	2.2	NNE	0.9	ESE	2.2	NE	0.0	ESE
13.	00:00	1.3	ESE	0.0	E	0.9	ESE	1.3	NNE	0.9	ENE	2.7	ENE	0.0	ESE
14.	01:00	0.9	ESE	1.3	SSW	0.4	E	2.2	NE	3.1	ENE	2.2	ENE	0.0	ESE
15.	02:00	0.4	ESE	1.3	SSW	0.4	E	1.3	NE	4.0	NE	2.7	NE	0.0	W
16.	03:00	0.0	NE	0.4	SSW	0.4	E	1.3	ENE	6.3	NE	1.8	ENE	0.0	W
17.	04:00	0.0	ESE	0.0	SSW	0.4	E	1.3	ENE	4.0	NE	2.2	ENE	0.4	N
18.	05:00	0.4	ESE	0.4	ESE	0.0	E	0.9	NE	2.7	NE	3.1	ENE	0.0	N
19.	06:00	0.4	ESE	0.0	ESE	0.9	ESE	1.8	E	4.0	ENE	1.3	ENE	0.0	ESE
20.	07:00	1.3	ESE	0.4	ESE	2.2	ENE	1.8	E	2.2	E	0.9	ESE	0.9	ESE
21.	08:00	1.3	E	0.4	NE	2.2	ENE	2.2	ESE	4.0	ENE	1.3	ESE	1.8	E
22.	09:00	0.9	ESE	2.2	N	2.7	NE	3.6	ESE	4.5	ENE	4.9	ESE	0.4	ESE
23.	10:00	1.3	SE	2.7	NE	2.2	NE	4.0	ENE	3.6	NE	3.1	ESE	0.4	ESE
24.	11:00	1.3	W	3.1	NE	3.6	NE	3.6	NE	4.0	ENE	2.7	ENE	1.3	E
Average		1.1	-	1.6	-	1.4	-	1.3	-	3.2	-	2.8	-	1.1	-

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



General Manager

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



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 ไทยเมทัลโปรดักส์ จำกัด/TMP

Report No. : 3454/2023/11-23

Project : โครงการผลิตขวดทองแดงส่วนขยาย ครั้งที่ 1

Report Date : November 14, 2023

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

Sampling Date : October 27-November 3, 2023

อำเภอบางปะกง จังหวัดฉะเชิงเทรา 24130

Type of Sample : WS & WD

Contact : Tel. (038) 573 231-5

Job No. : S660063/Oct/1

Item	Time	Result													
		วัดศรีประจักษ์													
		27-28/10/23		28-29/10/23		29-30/10/23		30-31/10/23		31/10-01/11/23		01-02/11/23		02-03/11/23	
		WS	WD	WS	WD	WS	WD	WS	WD	WS	WD	WS	WD	WS	WD
1.	13:00	1.8	W	0.9	W	1.8	ENE	2.2	ENE	2.2	ENE	2.2	ENE	1.8	E
2.	14:00	0.4	SSE	2.2	W	0.9	E	2.2	ENE	2.7	ENE	2.2	ENE	2.2	ENE
3.	15:00	0.9	SE	2.2	W	1.3	WSW	2.2	ENE	2.2	ENE	2.2	E	1.8	ENE
4.	16:00	1.8	W	1.3	W	1.8	W	1.8	ENE	2.2	ENE	2.2	ENE	1.8	ENE
5.	17:00	2.2	W	0.9	N	1.3	W	1.8	N	1.8	ENE	1.8	ENE	1.3	ENE
6.	18:00	1.3	W	0.9	W	0.9	SE	0.0	N	0.9	E	1.3	ENE	0.4	ENE
7.	19:00	0.9	W	0.9	NE	0.0	SE	0.0	N	0.0	E	1.3	NE	0.0	ENE
8.	20:00	0.4	W	0.9	NE	0.0	SE	0.4	WNW	0.4	ENE	0.4	ENE	0.0	ENE
9.	21:00	0.4	W	0.9	SSE	0.0	ENE	0.4	W	0.9	ENE	0.4	ENE	0.0	ENE
10.	22:00	0.4	SSE	0.9	SSE	0.0	ESE	0.9	NE	0.9	E	1.3	ENE	0.0	ENE
11.	23:00	0.9	SE	0.4	S	0.4	ESE	0.9	ENE	0.9	E	1.3	ENE	0.0	ENE
12.	00:00	0.4	SSE	0.0	SW	0.0	E	0.4	ENE	0.4	E	0.9	ENE	0.0	ENE
13.	01:00	0.4	SE	0.9	W	0.4	E	0.9	ENE	1.3	ENE	0.9	ENE	0.0	ENE
14.	02:00	0.0	SE	2.2	WSW	0.0	E	1.3	ENE	1.3	ENE	1.3	ENE	0.0	ENE
15.	03:00	0.0	SE	0.4	W	0.0	E	0.4	E	2.2	ENE	1.3	E	0.0	ENE
16.	04:00	0.0	SE	0.4	NW	0.0	E	0.9	E	2.2	ENE	1.8	E	0.0	ENE
17.	05:00	0.0	SE	0.0	SSE	0.0	E	0.9	E	1.8	ENE	1.3	ENE	0.0	ENE
18.	06:00	0.0	SE	0.0	SSE	0.0	E	0.9	E	1.8	ENE	0.4	ENE	0.0	ENE
19.	07:00	0.0	SE	0.0	SSE	0.9	ENE	0.9	E	1.8	E	0.4	ENE	0.4	NNE
20.	08:00	0.4	ESE	0.4	ESE	1.3	E	0.9	ESE	2.7	E	0.9	ESE	1.3	ENE
21.	09:00	0.9	E	0.9	ENE	1.8	E	1.8	E	2.7	E	2.2	ESE	1.8	ENE
22.	10:00	0.4	N	1.3	ENE	1.8	E	2.2	E	2.2	E	1.8	ESE	2.7	ENE
23.	11:00	0.9	W	1.8	NE	1.8	E	2.2	ENE	1.8	ENE	1.3	E	2.2	ENE
24.	12:00	0.4	W	1.3	ENE	1.8	E	2.2	ENE	2.2	ENE	1.8	ENE	2.2	E
Average		0.6	-	0.9	-	0.8	-	1.2	-	1.6	-	1.4	-	0.8	-

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



General Manager

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





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 ไทยเมทัลโปรดักส์ จำกัด/TMP

Report No. : 3454/2023/12-23

Project : โครงการผลิตลวดทองแดงส่วนขยาย ครั้งที่ 1

Report Date : November 14, 2023

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

Sampling Date : October 27-November 3, 2023

อำเภอบางปะกง จังหวัดฉะเชิงเทรา 24130

Type of Sample : WS & WD

Contact : Tel. (038) 573 231-5

Job No. : S660063/Oct/1

Item	Time	Result													
		รพ.สต.ท่าข้าม													
		27-28/10/23		28-29/10/23		29-30/10/23		30-31/10/23		31/10-01/11/23		01-02/11/23		02-03/11/23	
		WS	WD	WS	WD	WS	WD	WS	WD	WS	WD	WS	WD	WS	WD
1.	15:00	2.2	N	0.4	W	0.4	ENE	0.9	NNW	1.3	N	1.8	N	0.9	N
2.	16:00	0.4	NNE	0.0	NNW	0.4	ENE	0.0	N	0.9	NNE	0.9	N	0.0	N
3.	17:00	0.0	ENE	0.0	NNW	0.0	NNE	0.0	NE	0.4	NNE	0.9	N	0.0	NNE
4.	18:00	0.0	NE	0.4	N	0.0	NNE	0.0	NNW	0.9	N	0.0	NNE	0.0	NNE
5.	19:00	0.0	ENE	0.4	N	0.0	N	0.0	N	0.9	NNE	0.9	N	0.0	NNE
6.	20:00	0.0	NE	0.4	ENE	0.0	NNE	0.0	N	0.4	NNE	0.9	N	0.0	NNE
7.	21:00	0.0	NE	0.4	NE	0.0	NNE	0.0	N	0.4	NNE	1.3	N	0.0	NNE
8.	22:00	0.0	NE	0.0	NE	0.0	NNE	0.0	N	0.9	NNE	0.9	N	0.0	NNE
9.	23:00	0.0	NE	0.0	NE	0.0	NNE	0.4	N	1.8	N	0.9	N	0.0	NNE
10.	00:00	0.0	NE	0.4	ENE	0.0	NNE	0.4	NNE	1.8	N	1.3	NNE	0.0	NNE
11.	01:00	0.0	NE	0.0	E	0.0	NNE	0.0	NNW	2.2	NNW	0.0	NNE	0.0	NNE
12.	02:00	0.0	NNE	0.0	NE	0.0	N	0.0	N	0.9	NNE	0.0	NNE	0.0	NE
13.	03:00	0.0	NNE	0.0	NE	0.0	N	0.0	N	1.8	NE	0.0	NNE	0.9	NNE
14.	04:00	1.8	NNE	0.0	NNE	1.8	NNE	0.4	N	0.0	NE	0.0	NNE	1.8	NE
15.	05:00	0.4	ENE	0.0	NNE	0.9	NNE	0.9	NNE	1.8	NNE	0.0	NE	0.0	NE
16.	06:00	0.0	NNE	0.0	N	1.3	N	0.9	NNE	2.7	NNE	0.9	NNE	0.0	NNE
17.	07:00	0.0	NNE	0.9	N	1.3	NNE	1.8	NNE	2.7	NNE	1.8	NE	0.4	NNE
18.	08:00	0.0	NE	0.9	N	1.8	NNE	2.2	NNE	2.7	N	1.8	NNE	2.2	N
19.	09:00	0.0	NE	0.9	N	1.8	NNE	2.2	NNE	2.7	N	1.3	NNE	2.2	N
20.	10:00	0.0	ENE	1.3	N	1.8	NNE	2.2	N	1.8	N	1.3	NNE	2.2	N
21.	11:00	0.0	NW	1.3	NNW	2.2	NNE	2.2	N	1.8	N	1.8	N	2.2	N
22.	12:00	0.4	ENE	0.4	NNE	2.2	NNE	2.2	N	2.2	N	1.8	NNE	0.9	N
23.	13:00	0.4	ENE	0.4	ENE	2.2	NNE	2.2	N	2.2	N	1.8	N	0.9	N
24.	14:00	0.9	ENE	0.0	ENE	1.8	NNW	2.2	N	2.2	N	1.3	N	1.3	N
Average		0.3	-	0.4	-	0.8	-	0.9	-	1.6	-	1.0	-	0.7	-

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



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 ไทยเมทัลโปรดิวส์ จำกัด/TMP

Report No. : 3454/2023/13-23

Project : โครงการผลิตขวดทองแดงส่วนขยาย ครั้งที่ 1

Report Date : November 14, 2023

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

Sampling Date : October 27-November 3, 2023

อำเภอบางปะกง จังหวัดฉะเชิงเทรา 24130

Type of Sample : WS & WD

Contact : Tel. (038) 573 231-5

Job No. : S660063/Oct/1

Item	Time	Result													
		วัดบุญญราศรี													
		27-28/10/23		28-29/10/23		29-30/10/23		30-31/10/23		31/10-01/11/23		01-02/11/23		02-03/11/23	
		WS	WD	WS	WD	WS	WD	WS	WD	WS	WD	WS	WD	WS	WD
1.	14:00	0.4	NNE	0.9	ENE	0.9	ENE	0.9	NE	2.2	NE	1.3	NE	2.2	NE
2.	15:00	2.2	N	1.3	E	1.8	NNE	1.3	ENE	3.1	NNE	1.8	NE	2.2	NE
3.	16:00	1.3	N	1.8	ENE	1.8	N	1.8	NE	1.8	NNE	0.4	NNE	3.1	NNE
4.	17:00	0.9	NNE	0.9	ENE	1.3	ENE	0.9	ENE	1.3	N	2.2	NE	2.2	N
5.	18:00	0.4	ENE	0.9	E	1.3	ENE	0.9	NE	1.3	N	1.3	NE	1.3	N
6.	19:00	0.4	ENE	0.0	ENE	0.4	ENE	0.0	NNE	1.3	NNE	1.3	E	1.3	N
7.	20:00	0.4	ENE	0.4	ENE	0.4	ENE	0.0	N	0.4	NNE	0.4	E	1.3	NNE
8.	21:00	0.9	N	0.0	NNE	0.4	ENE	0.0	N	0.4	N	0.0	E	0.9	NNE
9.	22:00	0.4	ENE	0.0	NNE	0.9	ENE	0.9	N	0.9	N	0.0	N	0.4	NNE
10.	23:00	0.4	ENE	0.0	NNE	0.0	ENE	1.8	ENE	0.9	N	0.0	N	0.4	NNE
11.	00:00	0.0	E	0.0	NNE	0.4	NNE	1.8	ENE	1.8	NNE	1.8	NNE	1.8	N
12.	01:00	0.0	ENE	0.0	ENE	0.0	NNW	0.9	NNE	2.2	NNE	1.3	ENE	2.2	N
13.	02:00	0.0	N	0.0	ENE	0.0	N	2.7	N	2.7	NNE	1.3	ENE	1.8	NNE
14.	03:00	0.0	N	0.0	ENE	0.0	NE	2.2	NNE	1.8	NE	1.8	NNE	2.2	NE
15.	04:00	0.0	N	0.0	ESE	0.0	ENE	1.8	NNE	1.8	NNE	2.2	NNE	2.7	NE
16.	05:00	0.0	N	0.0	ENE	0.0	NNE	1.8	NNE	0.0	N	1.8	NNE	2.2	NNE
17.	06:00	0.0	N	0.0	ENE	0.0	N	0.9	N	0.4	N	1.8	NNE	0.4	N
18.	07:00	0.0	N	0.0	ENE	0.0	N	0.9	NNE	0.4	NE	1.8	N	0.4	N
19.	08:00	0.0	NNE	0.0	NE	0.0	N	0.0	NNE	0.0	NE	0.4	NNE	0.0	ENE
20.	09:00	0.4	N	0.0	NE	0.4	ENE	0.0	NNE	0.0	NNE	0.0	N	0.4	NNE
21.	10:00	0.4	N	0.0	ENE	0.4	NE	0.4	NNE	0.9	N	0.0	NNE	0.4	NNE
22.	11:00	0.4	NNE	0.0	N	0.9	ENE	2.2	ENE	0.4	N	0.0	NNE	0.0	NNE
23.	12:00	0.9	ENE	0.4	N	1.3	NE	2.2	ENE	2.2	N	1.3	NNE	1.3	NNE
24.	13:00	0.9	ENE	0.4	NE	1.8	NE	2.2	NE	1.3	NE	2.2	NE	1.8	N
Average		0.4	-	0.3	-	0.6	-	1.2	-	1.2	-	1.1	-	1.4	-

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



General Manager

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





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 24130  
Contact : Tel. (038) 573 231-5  
Job No. : S660063/Oct/1

Report No. : 3454/2023/14-23  
Report Date : November 14, 2023  
Sampling Date : October 27-November 3, 2023  
Type of Sample : Sound Level

Item	Sampling Time	Result (dB(A))											
		ริมรั้วด้านหน้าโรงงาน											
		27-28/10/23			28-29/10/23			29-30/10/23			30-31/10/23		
		Leq	Lmax	L <sub>90</sub>	Leq	Lmax	L <sub>90</sub>	Leq	Lmax	L <sub>90</sub>	Leq	Lmax	L <sub>90</sub>
1.	09.00-10.00	57.6	81.0	49.9	57.3	75.5	49.3	56.3	76.3	53.9	60.7	95.0	53.3
2.	10.00-11.00	59.3	84.9	50.4	56.6	79.8	49.7	58.8	81.0	55.5	59.6	84.3	51.4
3.	11.00-12.00	57.6	80.2	53.3	55.6	77.4	48.7	56.9	89.5	54.5	55.0	79.0	46.3
4.	12.00-13.00	58.6	79.2	49.1	58.7	79.3	49.0	56.9	81.6	51.9	58.3	79.5	47.3
5.	13.00-14.00	59.1	82.6	53.2	56.1	79.2	50.1	56.2	74.0	51.4	55.5	80.8	48.2
6.	14.00-15.00	59.5	83.6	53.8	57.1	76.7	50.8	56.8	75.2	51.4	55.0	79.8	47.4
7.	15.00-16.00	60.5	85.4	55.1	56.6	73.4	50.5	56.1	72.2	53.2	58.0	81.0	48.7
8.	16.00-17.00	59.9	87.5	54.7	56.9	78.4	49.5	57.2	77.9	53.3	61.5	80.8	55.4
9.	17.00-18.00	59.8	87.1	54.0	57.0	77.7	50.2	59.6	77.8	55.5	57.5	73.5	51.3
10.	18.00-19.00	60.6	89.2	51.2	59.1	81.1	48.4	57.5	72.5	55.0	60.3	86.0	50.8
11.	19.00-20.00	56.0	71.3	49.0	57.7	89.3	47.3	57.7	86.6	52.5	58.0	84.5	50.2
12.	20.00-21.00	55.4	74.6	48.1	54.0	81.9	46.6	54.5	72.6	49.5	54.7	77.4	47.0
13.	21.00-22.00	55.4	82.1	45.3	54.2	84.2	48.1	51.5	71.7	49.6	53.2	77.2	49.6
14.	22.00-23.00	52.5	74.6	45.2	53.1	78.6	48.5	50.4	70.7	48.3	54.4	79.4	49.6
15.	23.00-00.00	52.8	83.4	45.2	52.9	70.8	49.8	50.6	72.1	47.8	51.6	67.1	49.9
16.	00.00-01.00	53.2	82.0	45.1	52.5	68.7	50.5	50.9	75.4	48.7	51.0	65.8	49.5
17.	01.00-02.00	49.9	70.3	45.1	51.3	63.4	49.8	54.0	78.4	48.4	48.7	71.0	45.4
18.	02.00-03.00	49.0	71.0	44.0	50.1	66.9	48.2	49.3	67.8	47.7	48.1	66.1	45.3
19.	03.00-04.00	48.6	65.1	44.7	50.6	80.6	47.6	48.8	70.5	46.4	48.6	65.1	44.1
20.	04.00-05.00	49.6	65.8	44.7	48.7	61.4	47.4	49.4	74.6	46.1	52.0	73.3	44.3
21.	05.00-06.00	53.5	69.7	45.5	48.5	66.1	46.5	53.3	75.9	48.3	54.9	73.0	47.2
22.	06.00-07.00	57.8	79.8	49.0	47.9	62.8	46.2	60.2	92.3	50.2	59.7	79.3	51.9
23.	07.00-08.00	59.6	81.7	50.6	55.4	78.6	51.3	57.2	79.8	50.0	59.7	86.1	50.6
24.	08.00-09.00	56.7	78.8	49.3	57.8	82.2	53.2	57.1	79.5	53.9	56.9	80.3	49.8
Leq 24 hr		57.3	-	-	55.5	-	-	56.0	-	-	57.0	-	-
Lmax		-	89.2	-	-	89.3	-	-	92.3	-	-	95.0	-
Standard <sup>(1)(2)</sup>		70	115	-	70	115	-	70	115	-	70	115	-
Ldn		60.8	-	-	58.9	-	-	60.8	-	-	61.2	-	-

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

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

Coordinates : 47P 0717249 UTM 1489983



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. : 3454/2023/15-23

Project : โครงการผลิตขวดทองแดงส่วนขยาย ครั้งที่ 1

Report Date : November 14, 2023

Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม  
อำเภอบางปะกง จังหวัดฉะเชิงเทรา 24130

Sampling Date : October 27-November 3, 2023

Type of Sample : Sound Level

Contact : Tel. (038) 573 231-5

Job No. : S660063/Oct/1

Item	Sampling Time	Result (dB(A))								
		ริมรั้วด้านหน้าโรงงาน								
		31/10-01/11/23			01-02/11/23			02-03/11/23		
		Leq	Lmax	L <sub>90</sub>	Leq	Lmax	L <sub>90</sub>	Leq	Lmax	L <sub>90</sub>
1.	09.00-10.00	56.1	81.9	49.5	57.1	81.9	49.5	56.1	77.7	50.2
2.	10.00-11.00	55.4	74.0	47.9	54.1	73.3	47.3	53.2	70.6	50.1
3.	11.00-12.00	56.1	89.8	47.1	55.7	75.4	47.2	51.9	65.5	49.5
4.	12.00-13.00	58.0	80.2	47.5	58.7	79.8	46.6	51.2	63.1	48.2
5.	13.00-14.00	56.3	81.6	49.5	60.2	89.3	53.0	52.5	62.7	49.6
6.	14.00-15.00	55.3	76.5	47.6	57.6	87.0	50.2	52.7	62.1	50.1
7.	15.00-16.00	55.3	80.9	47.3	55.6	83.0	47.5	52.5	62.4	49.6
8.	16.00-17.00	57.4	75.2	50.9	57.0	73.6	51.7	52.9	66.5	50.2
9.	17.00-18.00	55.3	72.4	52.4	56.8	81.3	49.5	51.6	65.3	49.2
10.	18.00-19.00	54.0	69.2	52.0	58.0	79.0	47.9	53.8	66.6	51.0
11.	19.00-20.00	53.2	66.2	51.1	55.2	72.2	47.9	53.9	67.2	51.5
12.	20.00-21.00	54.9	78.0	47.4	53.5	73.7	46.4	53.4	67.0	50.5
13.	21.00-22.00	54.7	80.5	45.5	53.1	79.8	45.8	52.2	61.7	49.9
14.	22.00-23.00	53.5	81.8	44.9	50.8	76.0	45.5	52.2	61.0	50.1
15.	23.00-00.00	51.0	74.2	44.3	48.9	70.5	45.0	53.2	71.3	49.9
16.	00.00-01.00	49.4	67.3	44.2	48.3	70.0	43.7	52.1	74.6	48.9
17.	01.00-02.00	48.7	70.5	44.9	47.2	66.4	43.9	52.2	62.9	50.1
18.	02.00-03.00	47.9	69.1	44.9	48.9	68.0	45.4	51.7	70.1	49.5
19.	03.00-04.00	48.6	67.0	44.4	47.9	66.0	44.3	53.7	79.0	47.8
20.	04.00-05.00	49.5	66.1	44.2	51.8	68.2	46.2	50.1	75.0	46.0
21.	05.00-06.00	53.7	70.0	47.3	54.8	67.0	46.9	53.0	74.0	48.7
22.	06.00-07.00	60.5	80.0	51.1	60.6	81.4	52.7	53.4	72.4	49.1
23.	07.00-08.00	58.9	85.3	53.4	61.0	84.6	52.0	55.9	74.4	53.0
24.	08.00-09.00	56.7	78.9	49.7	58.2	75.5	52.8	58.3	91.8	54.9
Leq 24 hr		55.3	-	-	56.3	-	-	53.5	-	-
Lmax		-	89.8	-	-	89.3	-	-	91.8	-
Standard <sup>(1)(2)</sup>		70	115	-	70	115	-	70	115	-
Ldn		60.5	-	-	60.8	-	-	59.2	-	-

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

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

Coordinates : 47P 0717249 UTM 1489983



General Manager





## TEST REPORT

Customer Name : บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP

Report No. : 3454/2023/16-23

Project : โครงการผลิตขวดทองแดงส่วนขยาย ครั้งที่ 1

Report Date : November 14, 2023

Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม  
อำเภอบางปะกง จังหวัดฉะเชิงเทรา 24130

Sampling Date : October 27-November 3, 2023

Type of Sample : Sound Level

Contact : Tel. (038) 573 231-5

Job No. : S660063/Oct/1

Item	Sampling Time	Result (dB(A))											
		ริมรั้วข้างห้องตึก 5 ตัน											
		27-28/10/23			28-29/10/23			29-30/10/23			30-31/10/23		
		Leq	Lmax	L <sub>90</sub>	Leq	Lmax	L <sub>90</sub>	Leq	Lmax	L <sub>90</sub>	Leq	Lmax	L <sub>90</sub>
1.	09.00-10.00	65.2	90.4	62.1	68.5	91.9	65.2	63.5	83.9	61.6	65.5	74.2	64.3
2.	10.00-11.00	67.4	94.7	63.7	66.6	91.8	65.5	63.4	82.9	62.1	65.4	81.0	64.5
3.	11.00-12.00	65.0	88.3	63.0	66.2	90.9	64.9	63.7	84.0	62.5	65.8	82.4	64.6
4.	12.00-13.00	65.0	77.2	63.5	66.4	89.0	64.7	62.9	79.7	61.9	67.9	92.8	64.4
5.	13.00-14.00	66.1	77.4	64.5	68.8	95.6	64.7	64.3	73.8	62.8	64.7	88.5	63.1
6.	14.00-15.00	65.7	98.0	64.3	68.7	89.4	64.2	63.9	80.1	62.8	65.0	82.3	64.2
7.	15.00-16.00	65.2	85.2	63.9	69.7	95.7	65.1	64.2	78.4	62.9	66.2	91.2	64.7
8.	16.00-17.00	64.7	85.2	63.4	67.1	92.8	63.8	64.1	78.3	62.9	65.5	83.9	64.3
9.	17.00-18.00	64.1	83.1	62.0	65.8	91.9	63.5	65.4	80.4	63.4	66.2	84.6	63.9
10.	18.00-19.00	67.0	96.7	64.7	64.7	84.1	62.7	62.9	80.0	61.8	68.9	93.2	66.2
11.	19.00-20.00	65.7	92.4	63.1	63.6	81.6	62.6	63.1	75.3	61.6	68.6	81.0	67.8
12.	20.00-21.00	63.4	74.3	62.5	64.6	75.7	63.1	64.5	79.0	62.9	68.2	85.1	66.7
13.	21.00-22.00	62.8	73.3	62.0	64.6	78.5	63.3	63.9	78.9	63.0	68.2	80.0	66.9
14.	22.00-23.00	63.6	74.9	62.3	65.2	79.5	63.8	63.9	87.3	62.9	66.9	85.9	66.0
15.	23.00-00.00	64.0	76.9	62.6	64.3	81.8	63.2	63.6	81.6	62.3	67.0	79.0	66.1
16.	00.00-01.00	63.6	76.4	62.5	64.3	76.3	62.9	64.9	78.5	62.6	67.3	81.8	66.2
17.	01.00-02.00	65.1	76.7	63.5	65.0	80.4	63.2	66.4	81.5	63.1	67.1	87.9	65.6
18.	02.00-03.00	65.2	75.3	62.7	67.1	82.3	63.7	66.0	80.5	64.0	66.3	82.8	65.4
19.	03.00-04.00	64.1	74.1	62.3	65.3	75.7	64.3	64.7	72.6	63.6	66.4	84.7	65.3
20.	04.00-05.00	63.9	75.7	62.2	66.8	79.2	64.5	64.4	73.3	62.8	65.8	79.2	65.0
21.	05.00-06.00	63.2	80.7	62.3	65.1	75.9	63.9	63.4	81.5	61.9	64.9	77.7	64.1
22.	06.00-07.00	65.4	91.2	62.7	65.4	77.3	63.9	62.7	81.4	61.4	65.3	73.8	64.5
23.	07.00-08.00	69.3	92.0	64.0	66.0	77.4	63.8	62.5	93.6	58.2	64.7	79.0	63.9
24.	08.00-09.00	65.8	89.1	64.7	63.7	79.2	62.6	65.4	77.9	65.3	65.9	84.6	64.6
Leq 24 hr		65.3	-	-	66.3	-	-	64.2	-	-	66.6	-	-
Lmax		-	98.0	-	-	95.7	-	-	93.6	-	-	93.2	-
Standard <sup>(1)(2)</sup>		70	115	-	70	115	-	70	115	-	70	115	-
Ldn		71.0	-	-	72.1	-	-	70.9	-	-	72.9	-	-

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

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

Coordinates : 47P 0717313 UTM 1489877



General Manager



## TEST REPORT

Customer Name : บริษัท ไทยเมทัลโปรดิวส์ จำกัด/TMP

Report No. : 3454/2023/17-23

Project : โครงการผลิตขวดทองแดงส่วนขยาย ครั้งที่ 1

Report Date : November 14, 2023

Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม  
อำเภอบางปะกง จังหวัดฉะเชิงเทรา 24130

Sampling Date : October 27-November 3, 2023

Type of Sample : Sound Level

Contact : Tel. (038) 573 231-5

Job No. : S660063/Oct/1

Item	Sampling Time	Result (dB(A))								
		ริมรั้วข้างห้องตึก 5 ตัน								
		31/10-01/11/23			01-02/11/23			02-03/11/23		
		Leq	Lmax	L <sub>90</sub>	Leq	Lmax	L <sub>90</sub>	Leq	Lmax	L <sub>90</sub>
1.	09.00-10.00	65.4	82.5	64.1	67.3	82.4	66.1	69.3	83.6	67.8
2.	10.00-11.00	65.2	85.8	63.4	68.4	86.6	66.4	66.7	91.7	64.9
3.	11.00-12.00	64.9	83.0	63.7	67.6	88.6	65.7	66.8	86.7	64.9
4.	12.00-13.00	64.7	86.2	62.8	68.2	89.0	66.4	65.1	80.1	64.2
5.	13.00-14.00	63.8	80.4	62.2	67.5	79.0	66.3	66.8	84.7	65.4
6.	14.00-15.00	62.7	82.0	61.9	67.4	86.2	66.1	65.9	81.7	65.0
7.	15.00-16.00	64.4	82.2	61.9	68.1	81.3	66.6	67.0	85.8	65.6
8.	16.00-17.00	66.2	83.7	65.5	68.8	90.4	66.9	67.3	82.7	65.2
9.	17.00-18.00	67.3	82.7	65.9	65.5	88.3	61.1	67.4	90.1	64.9
10.	18.00-19.00	67.1	83.6	66.1	68.1	86.6	66.2	67.3	91.0	64.3
11.	19.00-20.00	67.3	82.2	66.5	67.6	89.3	64.0	67.4	78.9	64.9
12.	20.00-21.00	66.6	80.4	66.0	66.5	83.7	65.0	65.7	76.2	64.6
13.	21.00-22.00	67.7	77.0	67.0	63.9	80.4	60.7	66.1	81.8	64.9
14.	22.00-23.00	68.2	76.8	67.1	64.4	81.9	63.7	66.9	81.7	65.5
15.	23.00-00.00	67.0	77.2	66.1	65.5	80.9	64.1	66.0	78.4	65.1
16.	00.00-01.00	67.5	84.2	66.3	65.3	81.8	64.3	66.0	77.8	64.9
17.	01.00-02.00	67.3	80.4	66.6	65.5	80.4	64.7	66.2	77.8	64.9
18.	02.00-03.00	68.0	78.8	67.0	64.8	78.6	64.2	66.5	74.2	65.3
19.	03.00-04.00	68.4	77.3	67.0	65.8	76.4	65.0	66.4	76.0	64.8
20.	04.00-05.00	68.3	80.6	66.8	66.3	77.0	65.2	65.5	81.0	64.7
21.	05.00-06.00	67.3	80.1	66.4	66.5	75.5	65.1	66.1	79.1	65.0
22.	06.00-07.00	67.4	78.1	66.4	66.2	84.9	65.1	65.7	86.3	64.7
23.	07.00-08.00	67.2	79.9	66.4	66.4	86.3	65.7	65.5	78.5	64.3
24.	08.00-09.00	67.8	80.1	66.3	66.9	82.5	65.9	65.6	76.3	64.6
Leq 24 hr		66.8	-	-	66.8	-	-	66.6	-	-
Lmax		-	86.2	-	-	90.4	-	-	91.7	-
Standard <sup>(1)(2)</sup>		70	115	-	70	115	-	70	115	-
Ldn		74.0	-	-	72.3	-	-	72.7	-	-

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

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

Coordinates : 47P 0717313 UTM 1489877



General Manager

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





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 ไทยเมทัลโปรดเซส จำกัด/TMP

Report No. : 3454/2023/18-23

Project : โครงการผลิตขวดทองแดงส่วนขยาย ครั้งที่ 1

Report Date : November 14, 2023

Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม  
อำเภอบางปะกง จังหวัดฉะเชิงเทรา 24130

Sampling Date : October 27-November 3, 2023

Type of Sample : Sound Level

Contact : Tel. (038) 573 231-5

Job No. : S660063/Oct/1

Item	Sampling Time	Result (dB(A))											
		ริมรั้วหลังโรงงาน											
		27-28/10/23			28-29/10/23			29-30/10/23			30-31/10/23		
		Leq	Lmax	L <sub>90</sub>	Leq	Lmax	L <sub>90</sub>	Leq	Lmax	L <sub>90</sub>	Leq	Lmax	L <sub>90</sub>
1.	09.00-10.00	61.3	74.4	59.3	59.8	69.7	53.9	60.7	69.3	60.7	52.6	70.0	47.5
2.	10.00-11.00	59.9	76.0	58.4	57.8	64.2	54.3	56.6	76.8	55.1	55.5	76.3	47.5
3.	11.00-12.00	53.4	66.4	51.7	55.7	63.7	53.3	55.9	76.3	50.8	60.4	63.6	59.9
4.	12.00-13.00	51.7	68.0	50.4	54.6	61.6	51.3	53.8	69.7	49.9	60.2	73.4	59.6
5.	13.00-14.00	53.6	80.6	50.4	52.1	60.7	50.7	54.1	79.7	49.8	60.2	67.8	59.7
6.	14.00-15.00	51.9	62.4	51.2	55.8	65.0	53.0	53.2	70.6	46.9	60.3	66.6	59.8
7.	15.00-16.00	51.0	56.0	50.1	60.0	71.2	53.8	52.7	72.2	45.2	60.5	73.7	60.0
8.	16.00-17.00	56.2	69.3	49.6	56.8	63.9	53.8	53.1	73.1	46.2	60.4	65.9	59.8
9.	17.00-18.00	59.5	70.7	53.9	53.7	65.6	51.6	52.2	67.8	47.4	62.9	86.7	60.7
10.	18.00-19.00	52.6	73.3	49.4	54.9	67.6	47.8	53.1	66.7	49.4	61.8	70.4	61.3
11.	19.00-20.00	53.9	78.8	51.4	53.6	71.9	49.9	53.4	70.3	48.8	52.6	62.8	45.4
12.	20.00-21.00	54.1	72.1	50.7	53.0	74.1	49.6	51.0	67.6	47.3	60.5	84.2	53.2
13.	21.00-22.00	53.5	60.6	50.3	53.0	71.4	49.2	50.9	60.1	49.6	52.5	70.3	52.0
14.	22.00-23.00	50.0	58.7	48.4	52.3	66.8	48.5	51.0	55.7	49.9	50.0	59.3	48.8
15.	23.00-00.00	52.7	57.8	50.4	49.4	70.8	47.2	50.2	67.2	48.7	50.2	54.9	49.2
16.	00.00-01.00	50.7	66.8	48.5	47.1	62.9	46.2	49.0	56.6	48.3	49.5	66.4	48.0
17.	01.00-02.00	49.5	66.0	47.6	45.3	63.1	43.1	49.1	62.9	48.1	48.2	55.8	47.4
18.	02.00-03.00	50.6	71.1	48.5	44.3	66.4	42.4	48.7	52.9	47.2	48.3	62.1	47.3
19.	03.00-04.00	51.2	67.1	48.4	44.3	57.1	43.0	46.8	58.6	45.8	47.9	52.1	46.6
20.	04.00-05.00	52.9	66.6	49.4	49.7	63.1	47.7	44.0	57.1	42.1	46.3	57.8	45.2
21.	05.00-06.00	54.2	61.3	51.0	53.0	64.9	50.3	44.3	67.5	40.7	43.0	56.3	41.3
22.	06.00-07.00	55.4	64.9	51.7	53.2	72.3	49.8	44.1	75.1	40.5	43.9	66.7	40.2
23.	07.00-08.00	61.8	69.0	56.2	56.8	73.1	49.5	45.3	71.1	42.4	43.0	74.3	39.6
24.	08.00-09.00	62.8	71.0	56.8	61.4	66.9	60.9	51.4	70.4	47.8	44.5	70.3	41.7
Leq 24 hr		56.4	-	-	55.3	-	-	52.9	-	-	57.2	-	-
Lmax		-	80.6	-	-	74.1	-	-	79.7	-	-	86.7	-
Standard <sup>(1)(2)</sup>		70	115	-	70	115	-	70	115	-	70	115	-
Ldn		60.1	-	-	58.3	-	-	56.2	-	-	58.7	-	-

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

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

Coordinates : 47P 0717341 UTM 1489767



General Manager

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



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. : 3454/2023/19-23

Project : โครงการผลิตขวดทองแดงส่วนขยาย ครั้งที่ 1

Report Date : November 14, 2023

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

Sampling Date : October 27-November 3, 2023

อำเภอบางปะกง จังหวัดฉะเชิงเทรา 24130

Type of Sample : Sound Level

Contact : Tel. (038) 573 231-5

Job No. : S660063/Oct/1

Item	Sampling Time	Result (dB(A))								
		ริมรั้วหลังโรงงาน								
		31/10-01/11/23			01-02/11/23			02-03/11/23		
		Leq	Lmax	L <sub>90</sub>	Leq	Lmax	L <sub>90</sub>	Leq	Lmax	L <sub>90</sub>
1.	09.00-10.00	46.0	70.2	43.6	45.7	65.5	43.9	60.5	68.2	60.3
2.	10.00-11.00	49.5	66.7	46.9	47.0	72.7	44.9	60.2	71.4	54.6
3.	11.00-12.00	46.5	61.4	45.4	47.2	67.9	45.1	56.6	71.4	50.4
4.	12.00-13.00	47.0	66.5	45.0	50.1	62.5	49.0	54.7	78.6	50.1
5.	13.00-14.00	46.2	67.6	44.3	48.1	62.9	47.1	54.6	79.2	50.5
6.	14.00-15.00	49.7	69.2	44.8	47.8	56.6	47.0	55.7	62.4	53.6
7.	15.00-16.00	52.5	72.2	49.6	51.6	67.3	51.2	54.2	64.2	48.7
8.	16.00-17.00	48.7	69.5	46.1	52.8	67.9	51.8	51.9	68.6	50.3
9.	17.00-18.00	45.8	61.6	44.9	52.9	59.7	51.9	54.0	69.2	53.0
10.	18.00-19.00	44.0	61.8	41.8	55.7	62.8	51.5	54.1	61.6	53.2
11.	19.00-20.00	43.0	65.1	41.1	56.2	62.8	46.3	52.8	62.0	52.8
12.	20.00-21.00	43.0	55.8	41.7	45.1	66.4	42.8	46.8	67.7	44.2
13.	21.00-22.00	43.9	58.5	42.7	44.8	59.6	43.8	46.2	63.2	45.1
14.	22.00-23.00	44.9	56.3	43.6	43.6	61.7	42.6	45.1	63.0	44.0
15.	23.00-00.00	43.8	61.8	42.6	44.3	61.5	43.3	45.5	62.8	44.2
16.	00.00-01.00	42.7	52.8	41.8	44.7	55.6	43.6	45.8	55.7	44.9
17.	01.00-02.00	43.2	56.2	42.2	43.4	52.5	42.4	45.2	56.9	44.2
18.	02.00-03.00	43.6	51.1	42.8	43.2	53.5	42.1	44.6	54.8	43.4
19.	03.00-04.00	44.3	51.7	43.3	42.3	52.0	41.3	43.7	53.3	43.0
20.	04.00-05.00	46.3	55.1	44.4	42.2	52.1	41.3	43.5	53.4	42.6
21.	05.00-06.00	53.3	73.1	50.1	42.4	55.7	41.2	43.8	57.0	42.6
22.	06.00-07.00	52.5	65.3	49.8	42.8	54.1	42.0	43.9	57.0	43.0
23.	07.00-08.00	53.8	78.8	50.3	58.5	65.6	59.3	46.3	68.1	43.2
24.	08.00-09.00	51.2	65.6	49.4	60.1	65.3	59.5	57.8	64.1	51.2
Leq 24 hr		48.5	-	-	51.8	-	-	53.8	-	-
Lmax		-	78.8	-	-	72.7	-	-	79.2	-
Standard <sup>(1)(2)</sup>		70	115	-	70	115	-	70	115	-
Ldn		54.6	-	-	53.5	-	-	55.3	-	-

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

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

Coordinates : 47P 0717341 UTM 1489767



General Manager

• REPORTED RESULTS REFER TO SUBMITTED SAMPLE(S) ONLY

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





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 ไทยเมทัลโปรดักส์ จำกัด/TMP

Report No. : 3454/2023/20-23

Project : โครงการผลิตขวดทองแดงส่วนขยาย ครั้งที่ 1

Report Date : November 14, 2023

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

Sampling Date : October 27-November 3, 2023

อำเภอบางปะกง จังหวัดฉะเชิงเทรา 24130

Type of Sample : Sound Level

Contact : Tel. (038) 573 231-5

Job No. : S660063/Oct/1

Item	Sampling Time	Result (dB(A))											
		บ้านใกล้ด้านหน้าโครงการ											
		27-28/10/23			28-29/10/23			29-30/10/23			30-31/10/23		
		Leq	Lmax	L <sub>90</sub>	Leq	Lmax	L <sub>90</sub>	Leq	Lmax	L <sub>90</sub>	Leq	Lmax	L <sub>90</sub>
1.	11.00-12.00	53.2	70.7	47.8	52.9	67.7	49.0	53.3	70.8	45.9	53.5	71.2	47.2
2.	12.00-13.00	55.2	71.9	50.0	53.3	70.3	48.7	53.4	72.8	47.2	53.3	72.6	46.9
3.	13.00-14.00	53.1	71.8	50.0	52.5	70.4	47.6	51.8	69.6	47.2	53.9	80.6	48.0
4.	14.00-15.00	52.7	74.1	49.1	52.8	69.2	48.6	53.9	87.8	47.2	58.4	76.6	51.2
5.	15.00-16.00	53.0	67.6	48.7	52.9	71.4	47.3	51.7	68.6	46.6	55.2	71.2	51.0
6.	16.00-17.00	55.3	76.3	49.6	53.6	74.5	48.4	51.9	67.6	47.7	57.6	72.2	50.9
7.	17.00-18.00	53.8	70.2	49.8	54.7	75.6	49.4	55.5	67.8	53.7	55.6	73.3	51.6
8.	18.00-19.00	54.8	79.7	51.6	53.8	73.5	50.1	54.4	71.6	51.7	54.8	78.6	48.6
9.	19.00-20.00	56.7	69.5	55.2	55.1	80.1	49.3	55.1	77.5	52.2	52.4	74.5	48.1
10.	20.00-21.00	55.1	70.3	53.0	53.7	79.2	50.4	54.7	67.0	53.3	51.0	68.9	47.0
11.	21.00-22.00	54.0	69.2	52.0	56.0	70.2	54.1	52.3	75.8	46.9	52.7	74.0	48.8
12.	22.00-23.00	53.2	66.2	51.1	51.0	66.8	48.8	51.0	74.2	45.7	51.5	62.5	50.4
13.	23.00-00.00	53.6	72.2	50.4	49.4	66.0	47.6	50.2	71.3	45.7	51.4	66.7	50.6
14.	00.00-01.00	52.3	73.3	49.2	50.6	71.1	48.5	49.9	62.0	46.5	50.2	62.7	48.8
15.	01.00-02.00	53.9	78.8	51.4	51.1	67.1	48.4	54.1	71.6	50.7	51.1	65.4	49.6
16.	02.00-03.00	52.0	72.1	49.7	54.0	66.2	49.5	52.6	71.1	49.7	53.0	75.2	50.2
17.	03.00-04.00	50.6	68.2	47.9	51.7	63.2	50.2	53.0	67.5	50.8	53.7	76.0	50.4
18.	04.00-05.00	52.4	64.6	50.1	52.7	62.4	50.8	53.9	70.8	50.2	56.8	73.9	52.3
19.	05.00-06.00	53.0	72.3	49.8	51.4	67.6	47.8	56.5	71.7	52.8	56.5	70.8	51.3
20.	06.00-07.00	54.4	69.6	49.6	54.3	71.5	47.7	56.2	73.5	49.8	54.6	86.8	48.8
21.	07.00-08.00	53.9	73.1	48.0	52.5	68.7	47.3	54.1	74.8	47.7	54.4	71.1	49.0
22.	08.00-09.00	52.8	72.2	45.2	53.4	76.9	46.2	54.3	78.8	47.2	54.6	75.0	47.7
23.	09.00-10.00	52.8	70.7	46.2	53.7	80.6	45.3	52.7	78.3	46.1	54.1	72.4	47.4
24.	10.00-11.00	52.7	73.1	46.9	52.1	67.0	46.0	53.4	80.9	46.3	53.9	72.2	47.2
Leq 24 hr		53.7	-	-	53.1	-	-	53.6	-	-	54.4	-	-
Lmax		-	79.7	-	-	80.6	-	-	87.8	-	-	86.8	-
Standard <sup>(1)(2)</sup>		70	115	-	70	115	-	70	115	-	70	115	-
Ldn		59.5	-	-	58.7	-	-	60.0	-	-	60.4	-	-

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

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

Coordinates : 47P 0717358 UTM 1489985



General Manager

• REPORTED RESULTS REFER TO SUBMITTED SAMPLE(S) ONLY

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



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 ไทยเมทัลโปรดักส์ จำกัด/TMP

Report No. : 3454/2023/21-23

Project : โครงการผลิตขวดทองแดงส่วนขยาย ครั้งที่ 1

Report Date : November 14, 2023

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

Sampling Date : October 27-November 3, 2023

อำเภอบางปะกง จังหวัดฉะเชิงเทรา 24130

Type of Sample : Sound Level

Contact : Tel. (038) 573 231-5

Job No. : S660063/Oct/1

Item	Sampling Time	Result (dB(A))								
		บ้านใกล้ด้านหน้าโครงการ								
		31/10-01/11/23			01-02/11/23			02-03/11/23		
		Leq	Lmax	L <sub>90</sub>	Leq	Lmax	L <sub>90</sub>	Leq	Lmax	L <sub>90</sub>
1.	11.00-12.00	54.1	72.0	47.6	56.6	75.5	50.7	52.9	72.5	46.3
2.	12.00-13.00	54.4	76.0	48.1	59.6	74.0	50.5	54.9	77.6	47.4
3.	13.00-14.00	54.3	72.6	47.9	54.3	70.3	49.1	53.6	75.3	46.9
4.	14.00-15.00	55.7	80.3	50.7	54.8	70.3	50.1	52.6	72.7	46.3
5.	15.00-16.00	54.1	69.2	50.0	55.3	75.1	49.9	54.5	80.1	48.0
6.	16.00-17.00	54.6	69.0	51.0	55.5	74.9	50.9	54.3	70.6	49.6
7.	17.00-18.00	55.9	72.7	51.5	55.0	72.5	50.3	53.3	70.9	48.8
8.	18.00-19.00	55.4	77.1	51.8	54.4	72.1	50.6	54.3	69.9	50.8
9.	19.00-20.00	54.7	76.9	51.4	55.0	79.6	51.0	53.7	67.7	50.5
10.	20.00-21.00	53.7	72.5	50.0	53.4	70.1	50.0	51.6	65.1	49.2
11.	21.00-22.00	52.9	60.5	51.2	52.2	72.9	47.1	52.4	68.2	49.6
12.	22.00-23.00	51.6	68.6	50.3	50.6	65.5	46.7	55.0	78.7	50.5
13.	23.00-00.00	51.5	65.7	50.1	48.9	72.4	46.2	49.6	69.6	47.6
14.	00.00-01.00	50.6	66.7	47.3	48.5	67.6	45.7	50.1	73.1	47.3
15.	01.00-02.00	52.2	63.0	50.5	48.0	76.1	45.1	49.8	58.7	48.5
16.	02.00-03.00	53.9	68.9	51.4	49.0	65.1	46.6	50.9	60.5	48.7
17.	03.00-04.00	55.5	75.2	51.3	48.8	63.8	46.8	51.3	66.8	49.4
18.	04.00-05.00	58.5	79.6	54.2	51.4	73.2	48.3	52.5	67.0	49.9
19.	05.00-06.00	56.4	74.0	51.2	53.1	75.9	49.1	55.5	79.8	49.8
20.	06.00-07.00	57.0	81.4	48.7	55.4	69.6	50.9	57.4	69.8	50.9
21.	07.00-08.00	54.6	72.9	47.0	56.3	73.8	51.9	60.0	74.6	50.6
22.	08.00-09.00	53.2	72.3	47.0	54.9	79.3	49.7	62.0	69.3	53.1
23.	09.00-10.00	54.7	79.6	48.6	53.5	72.8	48.0	60.9	80.4	51.2
24.	10.00-11.00	52.7	67.9	49.8	52.0	68.3	46.4	59.2	92.4	52.3
Leq 24 hr		54.6	-	-	54.1	-	-	55.8	-	-
Lmax		-	81.4	-	-	79.6	-	-	92.4	-
Standard <sup>(1)(2)</sup>		70	115	-	70	115	-	70	115	-
Ldn		61.3	-	-	58.4	-	-	60.4	-	-

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

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

Coordinates : 47P 0717358 UTM 1489985



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. : 3454/2023/22-23

Project : โครงการผลิตขวดทองแดงส่วนขยาย ครั้งที่ 1

Report Date : November 14, 2023

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

Sampling Date : October 27-November 3, 2023

อำเภอบางปะกง จังหวัดฉะเชิงเทรา 24130

Type of Sample : Sound Level

Contact : Tel. (038) 573 231-5

Job No. : S660063/Oct/1

Item	Sampling Time	Result (dB(A))											
		บ้านใกล้โครงการฝั่งตรงข้ามอาคารโรงหลอม											
		27-28/10/23			28-29/10/23			29-30/10/23			30-31/10/23		
		Leq	Lmax	L <sub>90</sub>	Leq	Lmax	L <sub>90</sub>	Leq	Lmax	L <sub>90</sub>	Leq	Lmax	L <sub>90</sub>
1.	11.00-12.00	58.8	89.2	49.9	57.0	77.7	51.5	54.1	79.5	46.1	53.7	75.4	48.1
2.	12.00-13.00	57.0	82.3	49.9	60.8	84.4	52.9	55.0	81.9	46.5	54.6	76.7	48.3
3.	13.00-14.00	57.5	78.9	50.6	57.8	79.1	53.1	57.4	84.7	48.8	55.8	78.0	49.7
4.	14.00-15.00	61.9	84.2	52.0	59.6	78.2	54.5	55.5	79.7	48.8	56.7	81.5	50.4
5.	15.00-16.00	61.7	87.4	52.6	60.1	87.8	55.0	58.0	79.1	50.7	58.3	83.5	50.8
6.	16.00-17.00	60.3	89.1	51.7	58.2	89.9	52.8	57.3	84.1	51.2	56.3	79.6	53.0
7.	17.00-18.00	57.4	83.8	50.8	60.3	85.0	52.5	56.2	77.3	52.8	56.2	80.3	52.9
8.	18.00-19.00	55.8	76.6	50.3	56.5	83.6	52.8	56.1	75.9	52.3	56.4	77.0	53.3
9.	19.00-20.00	56.5	80.3	50.7	56.7	76.7	52.6	56.0	73.1	53.1	55.6	74.1	52.8
10.	20.00-21.00	54.2	77.2	51.9	57.3	85.4	51.3	57.1	80.5	52.8	55.3	73.7	51.5
11.	21.00-22.00	53.3	71.8	51.9	54.3	71.5	51.2	56.5	83.5	52.6	54.3	77.2	51.0
12.	22.00-23.00	52.6	73.2	51.4	53.5	79.2	49.5	55.0	74.9	52.1	55.8	81.7	51.0
13.	23.00-00.00	52.9	73.3	51.7	50.6	66.2	48.1	55.2	74.3	51.7	53.6	79.7	50.0
14.	00.00-01.00	55.1	82.5	51.4	50.6	72.8	47.7	54.7	74.3	51.5	54.1	78.7	49.5
15.	01.00-02.00	54.3	71.0	51.9	50.5	73.2	47.0	54.1	72.9	50.6	55.4	80.9	50.4
16.	02.00-03.00	54.0	74.9	52.0	55.9	80.0	49.8	56.4	77.2	49.9	57.2	79.6	50.1
17.	03.00-04.00	55.2	80.0	52.1	57.7	80.7	50.2	56.8	77.0	51.0	58.4	83.1	50.2
18.	04.00-05.00	58.1	83.6	53.7	58.0	81.4	50.1	58.4	80.1	51.1	56.7	81.6	51.2
19.	05.00-06.00	60.1	87.3	53.3	56.1	81.3	50.5	58.8	87.2	49.3	56.9	81.9	52.4
20.	06.00-07.00	59.3	87.7	53.7	54.3	71.9	49.7	54.9	77.9	49.7	57.0	77.5	51.1
21.	07.00-08.00	58.7	82.6	54.0	60.2	87.5	50.6	55.6	74.7	50.7	58.8	94.7	49.4
22.	08.00-09.00	57.5	84.9	53.6	55.3	75.9	49.4	55.7	73.9	50.1	55.9	81.1	48.8
23.	09.00-10.00	59.2	83.5	53.0	55.9	80.2	48.1	58.2	83.8	48.9	56.5	81.5	48.7
24.	10.00-11.00	59.9	85.6	52.6	53.6	81.6	45.9	56.0	83.3	48.4	56.8	82.2	49.4
Leq 24 hr		57.9	-	-	57.2	-	-	56.4	-	-	56.3	-	-
Lmax		-	89.2	-	-	89.9	-	-	87.2	-	-	94.7	-
Standard <sup>(1)(2)</sup>		70	115	-	70	115	-	70	115	-	70	115	-
Ldn		63.3	-	-	62.0	-	-	62.8	-	-	62.8	-	-

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

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

Coordinates : 47P 0717335 UTM 1489847



General Manager



## TEST REPORT

Customer Name : บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP

Report No. : 3454/2023/23-23

Project : โครงการผลิตขวดทองแดงส่วนขยาย ครั้งที่ 1

Report Date : November 14, 2023

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

Sampling Date : October 27-November 3, 2023

อำเภอบางปะกง จังหวัดฉะเชิงเทรา 24130

Type of Sample : Sound Level

Contact : Tel. (038) 573 231-5

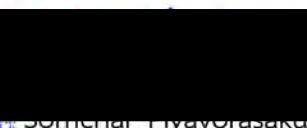
Job No. : S660063/Oct/1

Item	Sampling Time	Result (dB(A))								
		บ้านใกล้โครงการฝั่งตรงข้ามอาคารโรงหลอม								
		31/10-01/11/23			01-02/11/23			02-03/11/23		
		Leq	Lmax	L <sub>90</sub>	Leq	Lmax	L <sub>90</sub>	Leq	Lmax	L <sub>90</sub>
1.	11.00-12.00	58.7	85.4	51.1	57.8	79.0	49.8	61.0	87.5	51.6
2.	12.00-13.00	61.3	92.6	51.4	61.0	84.5	50.2	59.3	83.6	51.4
3.	13.00-14.00	60.8	84.8	52.0	60.8	87.6	50.0	58.9	89.7	50.9
4.	14.00-15.00	58.5	77.2	51.6	58.9	92.1	49.5	57.3	83.4	50.9
5.	15.00-16.00	57.8	86.5	51.0	58.2	85.3	49.9	57.4	83.9	51.9
6.	16.00-17.00	56.2	84.1	51.1	56.2	86.7	50.0	57.0	87.2	51.8
7.	17.00-18.00	56.6	87.5	51.0	55.9	82.9	51.7	55.3	82.5	51.3
8.	18.00-19.00	57.1	87.9	50.7	54.1	76.7	51.3	53.3	75.3	51.2
9.	19.00-20.00	56.5	91.8	50.8	53.3	81.2	51.3	52.4	77.0	51.2
10.	20.00-21.00	52.0	73.3	50.7	52.8	77.7	51.5	52.5	72.5	51.3
11.	21.00-22.00	54.0	81.3	50.5	53.5	74.1	51.8	56.2	79.1	51.8
12.	22.00-23.00	57.6	86.8	50.4	52.5	74.6	51.4	54.3	76.6	51.6
13.	23.00-00.00	57.6	87.3	51.0	53.9	75.9	51.9	54.5	80.4	50.8
14.	00.00-01.00	52.1	72.6	50.5	54.9	78.7	51.4	54.7	78.5	50.1
15.	01.00-02.00	52.4	73.7	50.4	52.0	70.1	50.2	51.7	74.6	49.2
16.	02.00-03.00	53.2	74.0	49.2	52.2	71.4	49.7	52.4	67.9	50.6
17.	03.00-04.00	53.4	72.4	49.1	52.2	70.7	49.9	52.7	56.3	51.6
18.	04.00-05.00	56.6	83.4	53.5	56.6	84.7	49.3	54.1	77.7	50.1
19.	05.00-06.00	58.1	86.3	54.5	57.3	80.4	52.3	57.0	81.3	50.9
20.	06.00-07.00	57.8	84.4	50.8	59.7	90.6	52.0	57.1	80.9	51.5
21.	07.00-08.00	58.0	86.2	50.5	59.2	93.2	51.2	56.4	78.3	50.3
22.	08.00-09.00	57.9	87.2	49.9	56.7	83.1	50.4	57.5	83.7	50.4
23.	09.00-10.00	56.2	78.5	49.4	56.6	80.6	50.5	59.8	88.5	53.0
24.	10.00-11.00	59.5	81.9	51.7	58.3	89.2	50.9	58.5	82.1	57.4
Leq 24 hr		57.3	-	-	56.9	-	-	56.6	-	-
Lmax		-	92.6	-	-	93.2	-	-	89.7	-
Standard <sup>(1)(2)</sup>		70	115	-	70	115	-	70	115	-
Ldn		62.8	-	-	62.2	-	-	61.6	-	-

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

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

Coordinates : 47P 0717335 UTM 1489847



General Manager

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





# Thai Environmental Technic Limited

## บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP  
 Project : โครงการผลิตขวดทองแดงส่วนขยาย ครั้งที่ 1  
 Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม  
 อำเภอบางปะกง จังหวัดฉะเชิงเทรา 24130  
 Contact : Tel. (038)-573 231-5  
 Job No. : 5660063/Oct/1

Report No. : 3454/2023/1-7  
 Report Date : November 14, 2023  
 Sampling Date : October 27-November 3, 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))		
		27-28/10/23					27-28/10/23					27-28/10/23		
		Leq	Lmax	L90			Leq	Lmax	L90			Leq	Lmax	L90
1.	11.00	62.8	89.2	53.2	37.	14.00	61.0	78.2	52.0	73.	17.00	55.7	70.5	51.4
2.	11.05	58.3	83.4	49.7	38.	14.05	60.7	76.3	51.6	74.	17.05	56.5	71.8	51.0
3.	11.10	60.1	81.0	51.8	39.	14.10	58.9	80.3	51.6	75.	17.10	58.3	74.9	51.0
4.	11.15	58.0	73.2	51.3	40.	14.15	61.8	82.9	51.9	76.	17.15	60.3	83.8	51.3
5.	11.20	58.4	80.0	50.0	41.	14.20	63.5	83.7	51.9	77.	17.20	57.9	73.2	50.8
6.	11.25	56.0	69.7	50.4	42.	14.25	63.7	80.3	52.8	78.	17.25	56.6	75.3	50.7
7.	11.30	59.5	81.6	50.1	43.	14.30	63.6	84.2	52.1	79.	17.30	54.0	65.2	50.0
8.	11.35	56.3	74.4	49.3	44.	14.35	62.2	83.1	52.7	80.	17.35	59.8	80.1	50.1
9.	11.40	55.5	73.8	49.0	45.	14.40	59.8	82.5	51.7	81.	17.40	56.4	74.3	49.9
10.	11.45	61.5	82.9	49.1	46.	14.45	58.0	71.9	51.5	82.	17.45	55.5	72.0	50.4
11.	11.50	56.6	75.3	49.2	47.	14.50	63.3	81.2	52.0	83.	17.50	57.0	68.2	50.7
12.	11.55	55.1	72.6	49.0	48.	14.55	62.2	77.6	52.6	84.	17.55	56.6	72.5	51.2
13.	12.00	54.6	67.5	49.2	49.	15.00	62.6	84.3	51.5	85.	18.00	55.3	69.4	50.5
14.	12.05	59.8	82.3	49.1	50.	15.05	59.5	75.9	51.4	86.	18.05	56.5	75.4	50.4
15.	12.10	60.1	81.0	48.7	51.	15.10	59.9	80.3	51.8	87.	18.10	55.6	74.1	50.0
16.	12.15	55.3	70.9	49.5	52.	15.15	63.5	87.4	51.8	88.	18.15	56.8	75.9	50.3
17.	12.20	55.7	70.8	49.9	53.	15.20	61.1	74.8	52.5	89.	18.20	55.4	71.6	49.9
18.	12.25	55.3	72.0	50.3	54.	15.25	60.7	74.9	51.9	90.	18.25	55.5	70.5	50.0
19.	12.30	58.0	72.6	51.2	55.	15.30	62.3	83.0	52.6	91.	18.30	55.1	72.7	50.4
20.	12.35	57.9	77.7	50.3	56.	15.35	59.6	76.3	52.7	92.	18.35	56.6	73.9	50.3
21.	12.40	54.5	72.3	50.0	57.	15.40	61.5	82.0	53.1	93.	18.40	54.0	69.6	50.3
22.	12.45	56.5	72.0	50.3	58.	15.45	64.7	82.7	55.1	94.	18.45	58.3	76.6	50.6
23.	12.50	54.9	75.3	49.9	59.	15.50	60.9	71.9	53.4	95.	18.50	53.8	72.2	50.2
24.	12.55	55.9	72.2	49.6	60.	15.55	60.6	76.2	52.9	96.	18.55	55.0	69.5	50.3
25.	13.00	56.8	72.9	50.5	61.	16.00	63.8	78.5	54.3	97.	19.00	54.3	69.3	50.3
26.	13.05	56.1	71.3	50.0	62.	16.05	61.6	77.5	53.1	98.	19.05	54.3	68.5	50.5
27.	13.10	57.5	78.9	49.3	63.	16.10	60.7	75.3	52.4	99.	19.10	56.2	77.6	50.3
28.	13.15	54.8	69.3	48.8	64.	16.15	63.9	82.2	54.1	100.	19.15	55.4	74.1	50.6
29.	13.20	57.6	69.4	50.4	65.	16.20	60.3	89.1	51.8	101.	19.20	57.6	67.8	51.8
30.	13.25	62.6	73.5	50.7	66.	16.25	60.5	77.2	51.6	102.	19.25	62.0	71.3	51.7
31.	13.30	55.7	71.7	50.3	67.	16.30	57.3	73.3	51.1	103.	19.30	55.2	68.7	51.7
32.	13.35	56.3	69.2	51.3	68.	16.35	56.5	68.1	51.3	104.	19.35	53.8	71.7	50.9
33.	13.40	57.0	76.7	51.6	69.	16.40	58.5	74.3	52.2	105.	19.40	53.1	69.2	50.7
34.	13.45	55.0	65.5	51.2	70.	16.45	57.4	75.6	50.8	106.	19.45	53.9	69.8	50.7
35.	13.50	57.7	73.9	50.9	71.	16.50	56.8	75.3	50.9	107.	19.50	57.3	80.3	50.7
36.	13.55	56.6	71.4	51.5	72.	16.55	56.1	73.3	50.7	108.	19.55	55.8	76.3	50.4

**TET**

**Thai Environmental Technic Limited**  
**บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด**

(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))		
		27-28/10/23					27-28/10/23					27-28/10/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
109.	20.00	53.4	71.5	51.4	145.	23.00	52.3	54.8	51.6	181.	02.00	53.9	69.9	51.9
110.	20.05	55.4	77.2	51.6	146.	23.05	53.0	65.0	51.7	182.	02.05	53.1	64.1	52.0
111.	20.10	54.5	71.9	51.9	147.	23.10	53.3	73.3	51.7	183.	02.10	54.6	69.4	52.1
112.	20.15	55.8	75.4	51.9	148.	23.15	53.6	72.9	51.6	184.	02.15	53.1	65.7	51.8
113.	20.20	53.8	76.2	51.9	149.	23.20	53.0	66.4	51.8	185.	02.20	54.9	73.1	52.2
114.	20.25	53.3	65.6	51.9	150.	23.25	53.1	68.0	51.8	186.	02.25	53.6	66.4	51.9
115.	20.30	53.0	67.1	51.7	151.	23.30	52.8	67.2	51.8	187.	02.30	52.9	65.8	52.0
116.	20.35	53.7	67.3	51.7	152.	23.35	52.4	54.5	51.7	188.	02.35	54.0	71.1	52.2
117.	20.40	55.1	74.0	51.8	153.	23.40	53.5	69.0	51.6	189.	02.40	55.5	74.9	52.0
118.	20.45	53.2	66.2	51.6	154.	23.45	53.0	60.4	51.7	190.	02.45	52.9	64.8	52.0
119.	20.50	55.0	71.2	52.1	155.	23.50	52.9	60.4	51.6	191.	02.50	54.0	64.8	52.1
120.	20.55	53.4	64.9	52.1	156.	23.55	52.4	56.8	51.7	192.	02.55	54.6	69.5	52.1
121.	21.00	53.8	68.3	52.1	157.	00.00	52.8	70.5	51.5	193.	03.00	53.4	66.6	52.1
122.	21.05	53.3	70.4	52.0	158.	00.05	51.9	53.2	51.3	194.	03.05	55.1	70.1	52.3
123.	21.10	54.0	70.9	52.1	159.	00.10	59.9	82.5	51.2	195.	03.10	55.6	75.7	52.1
124.	21.15	52.8	62.1	52.1	160.	00.15	52.4	67.4	51.2	196.	03.15	53.3	65.2	52.1
125.	21.20	54.2	71.8	51.9	161.	00.20	52.7	70.8	51.2	197.	03.20	55.3	67.5	52.3
126.	21.25	54.2	70.9	51.8	162.	00.25	55.7	80.3	51.5	198.	03.25	54.4	67.6	52.5
127.	21.30	52.6	65.0	51.8	163.	00.30	53.0	67.0	51.4	199.	03.30	56.2	77.8	52.4
128.	21.35	53.9	66.8	51.9	164.	00.35	54.9	78.3	51.2	200.	03.35	54.4	67.3	52.3
129.	21.40	52.5	63.5	51.4	165.	00.40	54.6	72.7	51.2	201.	03.40	57.0	80.0	52.1
130.	21.45	52.5	66.7	51.5	166.	00.45	53.9	67.9	51.6	202.	03.45	55.8	72.4	52.0
131.	21.50	52.1	62.8	51.3	167.	00.50	52.1	54.1	51.4	203.	03.50	55.4	70.1	51.3
132.	21.55	53.4	66.0	51.3	168.	00.55	58.1	76.8	51.7	204.	03.55	54.9	66.1	51.6
133.	22.00	52.1	62.3	51.3	169.	01.00	52.3	53.8	51.6	205.	04.00	55.1	70.0	52.0
134.	22.05	52.5	67.9	51.2	170.	01.05	57.8	66.6	51.6	206.	04.05	56.0	68.0	52.1
135.	22.10	52.2	55.8	51.6	171.	01.10	54.0	67.8	51.8	207.	04.10	57.6	71.9	54.5
136.	22.15	53.7	73.2	51.4	172.	01.15	58.1	66.9	53.1	208.	04.15	56.7	70.4	53.7
137.	22.20	52.8	70.2	51.4	173.	01.20	54.0	71.0	52.3	209.	04.20	58.3	70.2	53.6
138.	22.25	53.3	70.5	51.3	174.	01.25	53.5	67.9	52.1	210.	04.25	58.8	73.8	54.1
139.	22.30	52.3	65.4	51.4	175.	01.30	52.6	56.2	51.9	211.	04.30	58.5	72.3	53.7
140.	22.35	52.4	64.4	51.5	176.	01.35	53.0	65.4	52.0	212.	04.35	60.4	83.6	53.7
141.	22.40	53.3	71.2	51.7	177.	01.40	52.9	57.7	52.0	213.	04.40	57.2	79.4	53.6
142.	22.45	52.6	65.9	51.4	178.	01.45	52.3	53.7	51.8	214.	04.45	58.1	70.3	53.7
143.	22.50	51.7	53.5	51.0	179.	01.50	52.5	54.0	51.9	215.	04.50	57.0	68.8	52.9
144.	22.55	52.0	55.1	51.3	180.	01.55	52.8	68.3	51.9	216.	04.55	60.2	79.1	53.1



**TET**

**Thai Environmental Technic Limited**  
**บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด**

(1/3-3)

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))		
		27-28/10/23					27-28/10/23					27-28/10/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
217.	05.00	58.5	72.0	53.2	241.	07.00	59.2	80.5	53.7	265.	09.00	56.6	73.8	53.0
218.	05.05	59.0	74.4	53.3	242.	07.05	58.5	73.9	53.7	266.	09.05	58.3	73.1	53.8
219.	05.10	59.2	72.2	53.7	243.	07.10	58.4	71.4	53.7	267.	09.10	57.6	73.8	53.0
220.	05.15	60.6	72.7	53.6	244.	07.15	59.1	76.4	54.0	268.	09.15	63.5	83.2	53.1
221.	05.20	63.4	87.3	53.4	245.	07.20	59.2	75.7	54.1	269.	09.20	57.5	75.5	53.3
222.	05.25	59.7	79.2	53.2	246.	07.25	57.9	71.3	54.0	270.	09.25	56.6	69.2	52.9
223.	05.30	60.8	79.6	53.4	247.	07.30	58.7	71.9	53.9	271.	09.30	58.3	74.4	52.9
224.	05.35	60.5	80.0	53.0	248.	07.35	59.6	77.4	54.2	272.	09.35	61.8	83.5	53.5
225.	05.40	60.2	74.6	53.4	249.	07.40	57.3	72.8	53.6	273.	09.40	58.4	71.0	54.1
226.	05.45	57.9	72.6	53.0	250.	07.45	60.0	82.6	54.3	274.	09.45	59.1	80.7	52.5
227.	05.50	58.5	74.8	53.0	251.	07.50	58.3	71.3	54.0	275.	09.50	59.6	80.5	52.8
228.	05.55	60.0	78.1	53.1	252.	07.55	57.4	70.5	53.9	276.	09.55	57.0	75.0	52.4
229.	06.00	57.2	70.4	53.1	253.	08.00	58.0	74.9	53.6	277.	10.00	62.4	84.2	52.6
230.	06.05	57.5	70.0	53.1	254.	08.05	57.1	72.4	53.3	278.	10.05	63.5	84.0	52.5
231.	06.10	58.9	72.8	53.2	255.	08.10	56.1	67.6	53.4	279.	10.10	58.0	72.6	52.9
232.	06.15	57.2	69.8	52.5	256.	08.15	56.7	84.9	53.9	280.	10.15	57.7	70.0	52.9
233.	06.20	59.1	76.1	52.8	257.	08.20	59.0	80.6	53.4	281.	10.20	58.0	76.1	52.5
234.	06.25	63.0	87.7	53.6	258.	08.25	57.7	76.3	53.5	282.	10.25	60.3	81.3	52.6
235.	06.30	58.7	76.5	53.8	259.	08.30	57.6	70.6	54.4	283.	10.30	59.1	75.2	52.6
236.	06.35	62.0	83.7	54.0	260.	08.35	57.8	71.9	54.4	284.	10.35	58.1	76.6	52.5
237.	06.40	60.7	78.7	53.8	261.	08.40	58.3	72.2	53.9	285.	10.40	58.0	78.4	52.4
238.	06.45	58.5	71.8	54.0	262.	08.45	58.0	71.5	54.2	286.	10.45	56.6	73.5	52.4
239.	06.50	56.5	67.8	53.7	263.	08.50	56.9	72.0	53.2	287.	10.50	61.8	85.6	52.6
240.	06.55	57.1	69.0	53.7	264.	08.55	56.5	72.2	53.4	288.	10.55	59.1	79.2	51.8



General Manager



# Thai Environmental Technic Limited

## บริษัท เทคนิกลิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP

Report No. : 3454/2023/2-7

Project : โครงการผลิตขวดทองแดงส่วนขยาย ครั้งที่ 1

Report Date : November 14, 2023

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

Sampling Date : October 27-November 3, 2023

อำเภอบางปะกง จังหวัดฉะเชิงเทรา 24130

Type of Sample : Sound Level

Contact : Tel. (038)-573 231-5

Job No. : S660063/Oct/1

(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))		
		28-29/10/23					28-29/10/23					28-29/10/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
1.	11.00	57.9	73.9	51.9	37.	14.00	58.0	68.4	54.4	73.	17.00	59.4	70.9	53.0
2.	11.05	57.9	77.7	51.7	38.	14.05	58.6	75.4	53.7	74.	17.05	62.7	79.9	56.3
3.	11.10	56.4	75.0	51.4	39.	14.10	58.6	71.9	53.9	75.	17.10	65.8	84.1	56.5
4.	11.15	57.1	73.4	51.6	40.	14.15	57.3	68.6	55.0	76.	17.15	60.3	77.4	51.3
5.	11.20	57.6	77.3	51.2	41.	14.20	61.3	78.2	54.1	77.	17.20	58.3	73.9	49.1
6.	11.25	58.0	76.2	51.8	42.	14.25	56.7	71.0	53.5	78.	17.25	58.2	78.6	49.1
7.	11.30	55.0	67.1	51.1	43.	14.30	58.7	76.8	54.8	79.	17.30	55.4	75.1	49.5
8.	11.35	54.6	71.1	51.0	44.	14.35	57.9	69.7	54.7	80.	17.35	61.8	85.0	49.6
9.	11.40	56.6	74.8	51.8	45.	14.40	56.9	68.0	54.5	81.	17.40	59.8	75.7	52.1
10.	11.45	57.0	72.2	50.9	46.	14.45	62.4	77.6	54.3	82.	17.45	54.7	64.2	53.0
11.	11.50	58.3	77.6	51.4	47.	14.50	60.7	72.8	56.6	83.	17.50	55.5	70.2	52.8
12.	11.55	56.0	68.8	51.5	48.	14.55	62.7	74.5	57.3	84.	17.55	56.3	72.4	53.3
13.	12.00	64.9	84.4	52.2	49.	15.00	59.7	80.9	54.9	85.	18.00	57.2	77.3	53.0
14.	12.05	63.2	81.7	53.0	50.	15.05	59.2	76.6	54.0	86.	18.05	55.6	66.8	53.1
15.	12.10	61.2	80.6	52.7	51.	15.10	62.1	86.1	55.4	87.	18.10	56.6	74.4	52.8
16.	12.15	58.1	75.9	51.0	52.	15.15	64.4	87.8	54.7	88.	18.15	54.4	65.3	52.5
17.	12.20	60.3	74.9	56.5	53.	15.20	60.2	73.2	53.9	89.	18.20	53.4	62.0	51.9
18.	12.25	62.0	78.7	56.9	54.	15.25	59.1	72.6	54.6	90.	18.25	54.1	64.0	52.4
19.	12.30	62.8	78.6	56.3	55.	15.30	57.3	69.8	55.0	91.	18.30	57.5	76.0	52.1
20.	12.35	56.1	70.6	53.1	56.	15.35	59.5	72.0	55.5	92.	18.35	54.9	72.0	52.5
21.	12.40	56.0	68.7	52.8	57.	15.40	57.2	64.2	55.1	93.	18.40	55.3	73.2	52.8
22.	12.45	56.0	70.6	52.5	58.	15.45	57.6	71.7	54.8	94.	18.45	57.7	71.3	53.7
23.	12.50	56.7	70.4	53.2	59.	15.50	57.6	65.1	55.2	95.	18.50	56.2	63.5	54.0
24.	12.55	60.0	77.2	52.6	60.	15.55	60.5	73.0	55.3	96.	18.55	60.4	83.6	52.9
25.	13.00	60.6	79.1	52.8	61.	16.00	58.5	81.5	54.1	97.	19.00	56.3	70.5	52.5
26.	13.05	56.9	68.7	53.1	62.	16.05	56.9	66.8	52.8	98.	19.05	57.5	72.4	52.2
27.	13.10	55.5	61.8	52.4	63.	16.10	59.3	74.4	53.4	99.	19.10	55.4	68.0	52.5
28.	13.15	58.0	72.1	52.9	64.	16.15	59.6	77.2	52.5	100.	19.15	57.1	72.5	52.6
29.	13.20	55.9	70.7	52.2	65.	16.20	59.5	81.0	52.4	101.	19.20	55.4	68.7	52.6
30.	13.25	55.2	65.1	52.2	66.	16.25	57.6	70.6	52.9	102.	19.25	56.6	76.7	52.2
31.	13.30	57.7	71.3	53.0	67.	16.30	57.1	89.9	52.6	103.	19.30	55.5	73.7	52.2
32.	13.35	58.6	74.8	55.2	68.	16.35	57.4	76.8	52.4	104.	19.35	54.6	70.4	52.6
33.	13.40	57.8	70.6	55.0	69.	16.40	57.5	73.6	52.7	105.	19.40	56.4	71.0	52.6
34.	13.45	58.8	67.7	55.1	70.	16.45	56.8	65.8	53.2	106.	19.45	59.9	74.7	53.4
35.	13.50	58.5	68.9	55.4	71.	16.50	56.2	67.4	52.5	107.	19.50	56.2	69.3	52.2
36.	13.55	56.6	63.0	54.0	72.	16.55	60.4	83.5	52.9	108.	19.55	57.4	68.9	52.8





Thai Environmental Technic Limited  
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(2/2-3)

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))		
		28-29/10/23					28-29/10/23					28-29/10/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
109.	20.00	55.0	71.5	52.2	145.	23.00	51.5	64.6	48.9	181.	02.00	51.8	66.1	49.0
110.	20.05	63.9	85.4	52.5	146.	23.05	51.0	63.2	49.2	182.	02.05	51.7	56.7	50.0
111.	20.10	54.9	64.7	52.6	147.	23.10	50.8	61.3	48.5	183.	02.10	51.5	63.1	49.2
112.	20.15	54.2	64.5	52.5	148.	23.15	50.4	64.7	48.1	184.	02.15	52.5	64.9	49.7
113.	20.20	52.7	62.5	50.8	149.	23.20	49.2	54.5	47.9	185.	02.20	52.1	65.0	49.6
114.	20.25	55.5	66.5	51.7	150.	23.25	49.3	57.6	47.7	186.	02.25	51.6	58.0	50.3
115.	20.30	52.4	62.3	50.6	151.	23.30	50.8	62.3	48.0	187.	02.30	61.0	77.6	50.0
116.	20.35	53.7	65.4	50.5	152.	23.35	50.5	62.7	47.7	188.	02.35	54.3	79.5	49.3
117.	20.40	59.6	82.0	51.1	153.	23.40	52.1	66.2	47.6	189.	02.40	54.8	72.6	49.8
118.	20.45	53.6	68.3	51.1	154.	23.45	50.7	62.9	48.1	190.	02.45	61.9	80.0	49.2
119.	20.50	57.4	77.5	51.5	155.	23.50	50.6	60.2	48.4	191.	02.50	53.7	68.8	49.9
120.	20.55	56.6	73.3	50.9	156.	23.55	49.5	61.7	47.8	192.	02.55	52.0	63.7	50.1
121.	21.00	52.7	65.6	50.7	157.	00.00	48.4	50.8	47.5	193.	03.00	53.4	64.7	50.2
122.	21.05	55.1	70.9	50.6	158.	00.05	50.4	61.4	47.7	194.	03.05	52.7	66.0	50.2
123.	21.10	54.5	68.8	50.8	159.	00.10	49.5	59.5	47.9	195.	03.10	56.6	77.3	51.1
124.	21.15	53.7	69.5	51.3	160.	00.15	49.6	59.8	47.6	196.	03.15	57.9	77.4	50.2
125.	21.20	54.1	68.0	51.2	161.	00.20	51.2	66.8	47.7	197.	03.20	59.0	79.8	50.5
126.	21.25	55.0	68.6	51.2	162.	00.25	50.7	63.8	47.5	198.	03.25	53.2	73.9	49.8
127.	21.30	56.4	71.5	51.2	163.	00.30	52.1	68.8	48.1	199.	03.30	51.2	55.5	49.7
128.	21.35	53.7	62.8	51.8	164.	00.35	53.4	72.8	47.9	200.	03.35	58.6	78.5	50.5
129.	21.40	53.8	66.6	51.8	165.	00.40	49.2	52.2	48.1	201.	03.40	58.4	73.6	48.9
130.	21.45	54.7	67.9	51.6	166.	00.45	49.4	57.2	47.6	202.	03.45	55.8	72.1	50.1
131.	21.50	53.9	63.4	52.0	167.	00.50	49.4	58.9	47.7	203.	03.50	57.2	79.2	49.7
132.	21.55	53.3	64.7	51.2	168.	00.55	51.6	63.3	47.8	204.	03.55	63.4	80.7	49.3
133.	22.00	58.0	79.2	51.6	169.	01.00	52.6	73.2	47.9	205.	04.00	52.3	62.1	50.0
134.	22.05	55.6	70.6	51.2	170.	01.05	49.1	58.7	47.6	206.	04.05	53.2	65.8	49.8
135.	22.10	53.9	66.3	50.9	171.	01.10	49.5	57.2	48.1	207.	04.10	51.5	63.0	49.0
136.	22.15	54.6	68.7	50.2	172.	01.15	51.3	66.7	48.0	208.	04.15	55.2	70.1	49.7
137.	22.20	54.0	73.1	49.8	173.	01.20	49.0	52.9	47.2	209.	04.20	52.1	62.8	49.2
138.	22.25	51.7	62.9	49.1	174.	01.25	48.4	54.5	46.3	210.	04.25	57.0	73.9	50.2
139.	22.30	52.1	64.9	49.9	175.	01.30	51.3	68.3	46.9	211.	04.30	59.5	74.9	49.7
140.	22.35	51.2	58.9	49.0	176.	01.35	48.4	60.7	46.2	212.	04.35	62.1	79.8	50.5
141.	22.40	51.3	63.0	48.9	177.	01.40	50.5	67.9	46.0	213.	04.40	58.4	79.3	51.1
142.	22.45	51.3	65.5	49.1	178.	01.45	47.9	58.0	46.0	214.	04.45	61.1	81.4	50.6
143.	22.50	51.0	62.8	49.2	179.	01.50	50.4	66.3	45.8	215.	04.50	60.1	81.1	50.6
144.	22.55	50.3	59.6	48.7	180.	01.55	53.6	72.2	47.0	216.	04.55	57.2	76.2	50.2



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))		
		28-29/10/23					28-29/10/23					28-29/10/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
217.	05.00	56.6	75.8	50.2	241.	07.00	54.5	67.1	51.0	265.	09.00	55.1	70.6	48.0
218.	05.05	57.2	81.3	49.9	242.	07.05	54.6	66.8	50.5	266.	09.05	55.7	71.0	47.2
219.	05.10	52.8	63.8	49.5	243.	07.10	55.6	65.4	50.6	267.	09.10	55.0	72.3	48.7
220.	05.15	53.3	65.1	49.6	244.	07.15	66.7	84.7	49.9	268.	09.15	54.9	71.4	48.9
221.	05.20	54.1	71.8	50.5	245.	07.20	66.6	87.5	50.6	269.	09.20	51.9	67.6	48.1
222.	05.25	54.2	66.8	50.4	246.	07.25	54.6	67.9	50.1	270.	09.25	52.6	64.1	48.5
223.	05.30	57.9	73.2	51.5	247.	07.30	53.6	71.0	50.7	271.	09.30	58.6	76.7	49.1
224.	05.35	57.8	72.2	51.7	248.	07.35	54.5	75.4	50.7	272.	09.35	57.9	80.2	48.2
225.	05.40	56.2	73.1	50.9	249.	07.40	52.6	62.9	49.4	273.	09.40	50.9	64.1	46.8
226.	05.45	55.6	70.2	50.9	250.	07.45	54.0	66.3	50.4	274.	09.45	58.2	78.0	46.2
227.	05.50	58.3	76.5	51.1	251.	07.50	60.2	75.6	51.2	275.	09.50	57.4	79.2	46.8
228.	05.55	54.4	69.8	50.3	252.	07.55	54.4	73.2	49.0	276.	09.55	55.2	74.8	47.5
229.	06.00	53.7	66.1	49.1	253.	08.00	52.5	67.5	49.1	277.	10.00	53.5	71.0	47.8
230.	06.05	53.5	69.1	48.9	254.	08.05	55.8	72.3	50.4	278.	10.05	54.4	73.3	46.6
231.	06.10	54.4	71.9	49.2	255.	08.10	56.9	73.5	50.4	279.	10.10	52.5	68.7	46.6
232.	06.15	53.0	64.4	49.1	256.	08.15	53.3	69.2	49.2	280.	10.15	49.6	63.0	45.8
233.	06.20	53.6	66.0	48.5	257.	08.20	55.0	70.2	49.7	281.	10.20	56.6	81.6	46.0
234.	06.25	55.1	69.8	49.4	258.	08.25	55.0	75.1	49.2	282.	10.25	53.8	67.0	45.3
235.	06.30	54.0	67.6	50.3	259.	08.30	55.9	72.8	49.8	283.	10.30	54.6	68.3	45.1
236.	06.35	55.2	69.8	50.1	260.	08.35	59.4	75.9	50.1	284.	10.35	54.8	71.2	46.9
237.	06.40	53.5	63.1	49.9	261.	08.40	55.1	75.9	48.3	285.	10.40	52.8	68.9	45.6
238.	06.45	54.2	65.9	50.1	262.	08.45	52.9	64.9	48.2	286.	10.45	53.8	70.8	44.7
239.	06.50	54.8	66.7	50.7	263.	08.50	52.7	65.1	48.3	287.	10.50	50.5	63.0	45.8
240.	06.55	55.7	70.9	50.8	264.	08.55	53.1	65.8	49.5	288.	10.55	51.2	65.1	46.0



General Manager





# Thai Environmental Technic Limited

## บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP  
 Project : โครงการผลิตลวดทองแดงส่วนขยาย ครั้งที่ 1  
 Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม  
 อำเภอบางปะกง จังหวัดฉะเชิงเทรา 24130  
 Contact : Tel. (038)-573 231-5  
 Job No. : S660063/Oct/1

Report No. : 3454/2023/3-7  
 Report Date : November 14, 2023  
 Sampling Date : October 27-November 3, 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))		
		29-30/10/23					29-30/10/23					29-30/10/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
1.	11.00	48.9	62.6	44.4	37.	14.00	54.2	73.1	49.1	73.	17.00	57.6	72.4	52.8
2.	11.05	49.8	68.8	44.6	38.	14.05	53.0	69.2	48.4	74.	17.05	56.4	68.7	53.2
3.	11.10	51.7	65.1	46.4	39.	14.10	57.8	74.9	50.5	75.	17.10	55.4	66.0	52.5
4.	11.15	52.1	64.8	46.2	40.	14.15	53.7	68.3	48.6	76.	17.15	54.9	64.7	51.9
5.	11.20	52.6	71.4	46.4	41.	14.20	56.1	69.4	48.7	77.	17.20	56.2	77.3	52.7
6.	11.25	53.3	73.3	45.9	42.	14.25	55.5	69.7	47.6	78.	17.25	54.5	67.0	52.8
7.	11.30	49.9	63.1	45.7	43.	14.30	54.1	79.7	47.8	79.	17.30	59.3	75.4	53.2
8.	11.35	54.8	73.6	46.3	44.	14.35	53.1	63.6	48.7	80.	17.35	57.2	71.6	53.0
9.	11.40	55.1	74.8	46.9	45.	14.40	58.6	70.9	51.7	81.	17.40	54.3	62.6	52.4
10.	11.45	55.1	72.0	47.2	46.	14.45	54.5	65.2	48.8	82.	17.45	54.7	63.5	52.5
11.	11.50	54.0	70.2	45.1	47.	14.50	56.4	71.5	51.9	83.	17.50	55.6	67.2	52.7
12.	11.55	59.5	79.5	45.4	48.	14.55	55.1	68.2	51.4	84.	17.55	55.8	71.1	52.8
13.	12.00	53.7	74.3	46.6	49.	15.00	54.3	69.8	50.5	85.	18.00	54.2	67.0	52.1
14.	12.05	50.5	73.3	46.1	50.	15.05	54.4	64.1	51.0	86.	18.05	54.6	73.6	52.4
15.	12.10	59.8	81.9	46.6	51.	15.10	55.4	68.1	51.5	87.	18.10	53.7	63.7	52.3
16.	12.15	54.2	75.3	46.0	52.	15.15	56.1	69.3	50.4	88.	18.15	55.6	69.0	52.3
17.	12.20	51.3	63.8	45.0	53.	15.20	54.5	68.5	50.6	89.	18.20	56.5	70.9	52.3
18.	12.25	51.0	66.3	44.9	54.	15.25	53.8	62.6	49.6	90.	18.25	57.0	75.9	52.0
19.	12.30	58.7	76.1	47.4	55.	15.30	54.2	65.4	51.1	91.	18.30	54.5	63.3	52.3
20.	12.35	54.3	69.9	46.8	56.	15.35	55.1	68.9	50.7	92.	18.35	54.4	62.5	52.5
21.	12.40	51.2	71.0	46.0	57.	15.40	63.8	78.8	51.2	93.	18.40	55.3	71.5	52.4
22.	12.45	55.5	75.2	46.4	58.	15.45	53.8	61.1	51.2	94.	18.45	55.7	69.8	52.3
23.	12.50	53.1	70.1	46.6	59.	15.50	59.9	73.0	49.9	95.	18.50	59.9	73.0	52.6
24.	12.55	53.8	71.3	47.0	60.	15.55	61.9	79.1	50.2	96.	18.55	57.3	67.9	53.4
25.	13.00	53.1	76.7	47.5	61.	16.00	53.5	65.3	49.8	97.	19.00	54.4	63.9	52.9
26.	13.05	54.2	69.0	48.5	62.	16.05	54.0	67.7	49.8	98.	19.05	56.0	67.7	53.2
27.	13.10	62.5	84.7	48.6	63.	16.10	60.7	83.8	50.1	99.	19.10	55.8	61.7	53.7
28.	13.15	51.9	66.4	46.7	64.	16.15	56.1	74.0	50.8	100.	19.15	57.0	69.8	53.9
29.	13.20	60.7	79.5	48.1	65.	16.20	57.8	72.2	51.9	101.	19.20	57.0	69.5	53.7
30.	13.25	53.6	65.5	48.2	66.	16.25	61.9	84.1	51.9	102.	19.25	55.9	66.1	53.4
31.	13.30	54.5	66.8	49.9	67.	16.30	54.0	65.3	51.2	103.	19.30	55.5	68.9	53.1
32.	13.35	56.0	68.8	51.4	68.	16.35	54.0	67.0	51.1	104.	19.35	54.9	66.4	52.3
33.	13.40	57.6	71.6	52.6	69.	16.40	55.9	78.9	51.1	105.	19.40	55.1	72.1	52.5
34.	13.45	58.9	75.5	53.9	70.	16.45	55.0	68.0	51.6	106.	19.45	54.7	62.8	52.7
35.	13.50	56.4	70.7	52.4	71.	16.50	54.1	64.5	52.4	107.	19.50	55.3	71.7	52.0
36.	13.55	55.1	68.1	48.9	72.	16.55	58.6	77.6	52.7	108.	19.55	58.6	73.1	53.0

**TET**

**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))		
		29-30/10/23					29-30/10/23					29-30/10/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
109.	20.00	58.9	73.2	53.7	145.	23.00	59.8	74.3	53.5	181.	02.00	51.4	63.6	49.7
110.	20.05	56.7	69.7	52.9	146.	23.05	56.2	71.9	52.5	182.	02.05	50.7	53.9	49.3
111.	20.10	55.6	71.2	53.2	147.	23.10	55.4	67.3	52.3	183.	02.10	58.0	75.9	49.3
112.	20.15	56.4	73.0	52.7	148.	23.15	54.0	64.6	52.1	184.	02.15	60.8	76.0	49.4
113.	20.20	57.1	75.3	53.5	149.	23.20	53.2	63.0	51.5	185.	02.20	55.5	69.6	50.4
114.	20.25	61.7	80.5	53.2	150.	23.25	54.6	66.8	51.8	186.	02.25	51.3	58.7	49.7
115.	20.30	57.1	71.7	53.0	151.	23.30	54.8	69.9	51.4	187.	02.30	51.8	59.0	49.9
116.	20.35	57.5	72.2	52.5	152.	23.35	54.0	64.0	52.0	188.	02.35	52.2	63.2	49.9
117.	20.40	55.1	66.4	52.7	153.	23.40	54.3	65.5	51.4	189.	02.40	52.6	63.8	50.0
118.	20.45	55.0	62.5	52.6	154.	23.45	53.2	61.0	51.5	190.	02.45	52.4	60.6	50.1
119.	20.50	53.0	56.4	51.3	155.	23.50	53.4	63.0	51.4	191.	02.50	58.7	77.2	50.1
120.	20.55	54.3	66.7	51.3	156.	23.55	54.3	66.0	51.6	192.	02.55	61.2	75.3	50.5
121.	21.00	55.4	67.9	51.4	157.	00.00	56.4	74.0	52.1	193.	03.00	61.1	77.0	51.7
122.	21.05	54.7	65.9	51.6	158.	00.05	54.2	63.2	51.9	194.	03.05	57.9	77.0	51.8
123.	21.10	57.1	74.5	51.6	159.	00.10	55.4	66.0	52.5	195.	03.10	53.4	65.0	51.1
124.	21.15	54.7	65.7	52.8	160.	00.15	56.0	69.7	52.4	196.	03.15	54.8	71.4	50.8
125.	21.20	55.7	69.2	52.3	161.	00.20	55.2	67.8	51.7	197.	03.20	54.6	72.6	51.3
126.	21.25	55.4	67.9	52.7	162.	00.25	57.2	69.2	51.8	198.	03.25	54.9	68.6	51.3
127.	21.30	61.1	83.5	52.8	163.	00.30	53.6	65.1	51.2	199.	03.30	60.2	75.2	51.4
128.	21.35	55.1	62.9	52.6	164.	00.35	54.3	66.1	51.1	200.	03.35	55.2	72.0	50.3
129.	21.40	55.1	65.6	52.5	165.	00.40	53.1	61.9	51.1	201.	03.40	54.7	68.5	50.8
130.	21.45	58.5	76.0	52.7	166.	00.45	52.6	65.6	50.5	202.	03.45	53.0	63.1	50.0
131.	21.50	54.6	72.2	52.3	167.	00.50	53.3	74.3	49.8	203.	03.50	58.4	75.3	50.2
132.	21.55	54.3	62.3	52.8	168.	00.55	52.9	65.8	50.1	204.	03.55	53.2	72.6	49.6
133.	22.00	54.1	62.3	52.0	169.	01.00	52.8	64.9	50.2	205.	04.00	62.2	74.8	49.6
134.	22.05	56.8	72.2	51.6	170.	01.05	54.2	64.7	50.4	206.	04.05	60.7	75.3	51.2
135.	22.10	57.0	74.9	52.3	171.	01.10	55.8	72.9	51.6	207.	04.10	61.1	78.8	51.5
136.	22.15	56.1	72.8	51.9	172.	01.15	54.3	67.2	51.4	208.	04.15	59.6	80.1	50.3
137.	22.20	53.4	58.1	52.1	173.	01.20	54.1	65.6	51.6	209.	04.20	55.7	69.6	51.4
138.	22.25	54.1	66.4	52.4	174.	01.25	55.5	70.5	52.1	210.	04.25	53.9	65.3	50.7
139.	22.30	52.7	56.2	51.3	175.	01.30	55.3	68.9	51.4	211.	04.30	54.2	73.8	50.8
140.	22.35	54.2	69.2	51.2	176.	01.35	52.9	63.5	50.6	212.	04.35	55.6	66.8	51.5
141.	22.40	53.8	62.0	52.1	177.	01.40	52.8	66.4	50.2	213.	04.40	60.0	79.4	52.5
142.	22.45	55.9	70.6	52.2	178.	01.45	53.0	67.7	50.0	214.	04.45	55.2	70.3	51.0
143.	22.50	54.6	67.6	52.0	179.	01.50	53.1	67.2	50.6	215.	04.50	52.9	62.5	50.2
144.	22.55	54.7	63.3	52.6	180.	01.55	54.2	69.1	50.4	216.	04.55	57.3	74.0	51.2





Thai Environmental Technic Limited  
บริษัท เทคนิคสิ่งแวดล้อมไทย 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))		
		29-30/10/23					29-30/10/23					29-30/10/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
217.	05.00	53.6	65.4	49.4	241.	07.00	57.1	74.7	50.6	265.	09.00	60.5	78.6	50.1
218.	05.05	64.9	85.9	50.6	242.	07.05	53.6	64.2	50.7	266.	09.05	65.7	83.8	49.4
219.	05.10	54.3	68.5	50.3	243.	07.10	54.3	69.6	50.7	267.	09.10	58.4	78.9	51.0
220.	05.15	57.3	73.3	50.7	244.	07.15	54.0	64.5	50.1	268.	09.15	57.1	76.9	48.9
221.	05.20	58.4	79.5	49.3	245.	07.20	56.0	73.0	50.9	269.	09.20	54.2	70.7	48.7
222.	05.25	53.5	71.8	48.5	246.	07.25	55.1	67.6	49.9	270.	09.25	54.4	68.6	50.0
223.	05.30	57.3	75.4	48.9	247.	07.30	56.6	72.9	50.7	271.	09.30	54.1	70.1	50.0
224.	05.35	58.3	75.9	49.3	248.	07.35	57.7	74.2	50.8	272.	09.35	52.1	61.5	48.9
225.	05.40	53.8	69.1	48.9	249.	07.40	54.4	66.2	51.1	273.	09.40	55.2	69.1	48.2
226.	05.45	55.2	76.5	48.0	250.	07.45	54.7	65.9	51.1	274.	09.45	52.8	67.8	48.4
227.	05.50	61.5	77.1	48.1	251.	07.50	55.2	67.9	49.1	275.	09.50	52.9	67.2	48.2
228.	05.55	59.6	87.2	49.4	252.	07.55	56.1	71.7	50.1	276.	09.55	54.1	69.3	48.4
229.	06.00	55.2	73.5	49.0	253.	08.00	55.2	73.5	50.2	277.	10.00	60.0	82.1	47.7
230.	06.05	56.6	77.9	49.8	254.	08.05	57.5	71.7	50.9	278.	10.05	53.2	66.2	49.0
231.	06.10	53.3	66.8	49.2	255.	08.10	55.5	66.2	50.6	279.	10.10	55.1	75.4	48.8
232.	06.15	53.4	69.0	49.6	256.	08.15	56.4	72.4	50.7	280.	10.15	61.8	83.3	47.3
233.	06.20	54.8	68.7	50.6	257.	08.20	56.8	73.9	49.7	281.	10.20	55.4	75.4	48.4
234.	06.25	53.3	66.3	48.9	258.	08.25	55.4	67.3	48.6	282.	10.25	54.9	76.1	48.7
235.	06.30	58.1	76.2	50.8	259.	08.30	54.0	69.8	48.2	283.	10.30	52.1	61.2	48.6
236.	06.35	52.8	63.6	49.3	260.	08.35	54.0	67.2	49.9	284.	10.35	51.4	62.4	48.1
237.	06.40	55.0	69.8	50.1	261.	08.40	53.6	68.3	49.1	285.	10.40	52.5	66.9	48.2
238.	06.45	53.4	68.3	49.6	262.	08.45	55.7	68.9	50.9	286.	10.45	52.2	67.8	47.5
239.	06.50	53.6	64.5	49.7	263.	08.50	57.6	73.9	50.2	287.	10.50	54.4	73.5	48.3
240.	06.55	55.4	74.6	50.3	264.	08.55	55.2	66.5	49.8	288.	10.55	52.8	66.5	48.8



General Manager



# Thai Environmental Technic Limited

## บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP  
 Project : โครงการผลิตขวดทองแดงส่วนขยาย ครั้งที่ 1  
 Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม  
 อำเภอบางปะกง จังหวัดฉะเชิงเทรา 24130  
 Contact : Tel. (038)-573 231-5  
 Job No. : S660063/Oct/1

Report No. : 3454/2023/4-7  
 Report Date : November 14, 2023  
 Sampling Date : October 27-November 3, 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))		
		30-31/10/23					30-31/10/23					30-31/10/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
1.	11.00	52.9	68.5	48.7	37.	14.00	59.5	74.5	51.3	73.	17.00	57.8	80.3	52.6
2.	11.05	51.7	68.0	47.7	38.	14.05	54.0	63.9	48.3	74.	17.05	55.8	70.9	52.3
3.	11.10	53.2	66.9	48.0	39.	14.10	57.5	77.5	48.0	75.	17.10	55.2	67.2	52.8
4.	11.15	55.0	75.4	48.2	40.	14.15	56.2	70.7	51.0	76.	17.15	56.3	72.0	53.3
5.	11.20	54.4	70.2	47.9	41.	14.20	54.6	64.7	50.5	77.	17.20	54.9	66.1	52.8
6.	11.25	53.6	73.2	47.3	42.	14.25	56.3	66.9	53.9	78.	17.25	55.4	64.9	52.6
7.	11.30	52.1	68.7	46.7	43.	14.30	53.6	68.0	49.0	79.	17.30	55.6	64.2	52.8
8.	11.35	53.6	70.8	47.9	44.	14.35	59.8	81.5	50.2	80.	17.35	56.6	68.9	54.2
9.	11.40	53.8	68.9	48.6	45.	14.40	56.4	71.4	50.6	81.	17.40	57.0	68.8	53.4
10.	11.45	53.9	71.1	48.4	46.	14.45	55.6	68.4	51.2	82.	17.45	54.8	70.2	52.9
11.	11.50	54.3	68.6	50.1	47.	14.50	53.8	60.8	49.4	83.	17.50	56.5	69.0	53.9
12.	11.55	55.0	68.3	49.3	48.	14.55	57.4	77.2	50.2	84.	17.55	57.0	67.1	53.5
13.	12.00	52.9	71.2	47.9	49.	15.00	58.8	74.2	49.9	85.	18.00	56.8	67.8	54.4
14.	12.05	56.2	74.8	48.2	50.	15.05	58.1	77.2	50.6	86.	18.05	55.5	69.6	53.2
15.	12.10	54.6	73.0	47.3	51.	15.10	55.6	68.8	50.6	87.	18.10	58.2	75.4	53.6
16.	12.15	53.9	67.9	48.7	52.	15.15	61.2	77.6	49.4	88.	18.15	56.8	69.3	53.7
17.	12.20	53.1	71.7	48.9	53.	15.20	56.5	70.8	50.5	89.	18.20	55.3	65.7	52.9
18.	12.25	52.3	69.5	48.5	54.	15.25	58.4	74.1	52.5	90.	18.25	57.1	71.2	53.5
19.	12.30	52.3	70.7	47.1	55.	15.30	56.9	75.8	50.4	91.	18.30	58.3	76.7	53.8
20.	12.35	51.9	61.9	48.3	56.	15.35	56.3	72.9	50.9	92.	18.35	55.2	70.1	52.9
21.	12.40	52.1	68.4	48.2	57.	15.40	58.3	73.2	50.9	93.	18.40	55.4	67.0	53.1
22.	12.45	51.7	63.7	47.5	58.	15.45	59.0	71.2	53.9	94.	18.45	55.9	77.0	53.3
23.	12.50	58.6	76.7	49.6	59.	15.50	58.0	72.0	52.5	95.	18.50	56.0	73.7	52.8
24.	12.55	57.9	76.3	50.0	60.	15.55	59.6	83.5	52.1	96.	18.55	55.1	68.9	52.5
25.	13.00	54.5	66.8	49.6	61.	16.00	53.8	65.5	50.8	97.	19.00	55.4	69.9	52.6
26.	13.05	54.9	65.5	50.1	62.	16.05	55.3	79.6	50.7	98.	19.05	55.6	69.1	53.1
27.	13.10	54.4	69.3	48.8	63.	16.10	55.2	70.2	52.0	99.	19.10	55.3	66.2	52.8
28.	13.15	54.9	71.2	49.2	64.	16.15	56.8	71.9	51.6	100.	19.15	56.2	68.9	53.2
29.	13.20	59.9	74.6	51.2	65.	16.20	56.6	68.5	53.7	101.	19.20	56.2	72.7	53.0
30.	13.25	52.8	67.0	48.7	66.	16.25	55.7	66.2	53.2	102.	19.25	57.0	73.1	53.2
31.	13.30	55.2	70.6	49.9	67.	16.30	55.6	64.2	53.0	103.	19.30	55.4	65.6	52.9
32.	13.35	54.0	72.1	50.1	68.	16.35	55.9	62.7	53.4	104.	19.35	55.9	65.0	52.8
33.	13.40	55.0	65.7	49.6	69.	16.40	55.6	67.9	52.9	105.	19.40	53.6	59.4	52.3
34.	13.45	57.7	71.7	50.6	70.	16.45	54.8	63.5	52.9	106.	19.45	55.4	69.9	51.9
35.	13.50	55.0	71.4	49.8	71.	16.50	60.7	79.5	53.1	107.	19.50	54.9	74.1	51.2
36.	13.55	56.8	78.0	49.4	72.	16.55	55.9	69.8	53.1	108.	19.55	55.1	70.1	51.8





Thai Environmental Technic Limited  
บริษัท เทคนิคสิ่งแวดล้อมไทย 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))		
		30-31/10/23					30-31/10/23					30-31/10/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
109.	20.00	55.6	68.6	52.1	145.	23.00	52.2	65.8	49.8	181.	02.00	56.1	69.9	51.2
110.	20.05	56.2	70.7	52.2	146.	23.05	56.0	72.5	50.2	182.	02.05	53.9	66.2	50.9
111.	20.10	54.8	66.8	51.5	147.	23.10	53.5	62.9	50.8	183.	02.10	53.5	68.7	50.6
112.	20.15	54.2	67.7	51.5	148.	23.15	53.4	64.4	50.1	184.	02.15	53.2	66.6	50.3
113.	20.20	57.1	71.0	52.3	149.	23.20	57.3	79.7	51.2	185.	02.20	61.7	79.6	50.0
114.	20.25	55.3	69.8	51.4	150.	23.25	51.9	63.0	50.0	186.	02.25	61.1	79.1	49.6
115.	20.30	56.3	73.7	51.3	151.	23.30	53.6	69.9	50.4	187.	02.30	55.4	70.4	50.2
116.	20.35	55.6	68.8	51.4	152.	23.35	51.9	65.5	49.3	188.	02.35	53.0	62.7	50.9
117.	20.40	55.3	68.9	51.9	153.	23.40	51.1	64.7	49.2	189.	02.40	55.0	74.4	49.8
118.	20.45	54.7	68.4	51.2	154.	23.45	53.3	68.9	49.2	190.	02.45	59.5	75.8	49.5
119.	20.50	54.4	65.7	51.3	155.	23.50	50.7	58.9	49.1	191.	02.50	56.0	76.9	50.0
120.	20.55	53.3	63.5	51.7	156.	23.55	53.0	64.9	50.0	192.	02.55	55.3	73.9	49.0
121.	21.00	53.6	65.6	51.6	157.	00.00	52.8	65.5	50.0	193.	03.00	59.0	75.5	49.3
122.	21.05	53.5	64.1	51.7	158.	00.05	53.0	66.5	49.6	194.	03.05	59.4	76.8	49.9
123.	21.10	53.8	69.6	50.9	159.	00.10	52.5	66.2	49.0	195.	03.10	60.4	79.3	48.3
124.	21.15	52.9	60.8	51.2	160.	00.15	51.7	65.4	49.6	196.	03.15	52.9	68.5	48.4
125.	21.20	56.6	77.2	51.4	161.	00.20	53.7	65.3	49.8	197.	03.20	55.5	70.8	50.5
126.	21.25	52.0	54.9	50.9	162.	00.25	56.6	78.7	50.5	198.	03.25	55.6	66.4	51.4
127.	21.30	54.1	66.1	50.9	163.	00.30	51.4	61.9	49.4	199.	03.30	56.1	72.3	50.5
128.	21.35	57.7	73.5	51.1	164.	00.35	53.5	64.3	50.2	200.	03.35	56.6	77.2	50.0
129.	21.40	53.3	65.5	50.6	165.	00.40	56.4	69.2	49.2	201.	03.40	63.8	83.1	50.0
130.	21.45	52.5	63.7	50.4	166.	00.45	57.1	76.7	48.8	202.	03.45	54.4	67.9	50.3
131.	21.50	53.4	68.0	50.6	167.	00.50	52.9	66.2	49.2	203.	03.50	57.9	74.2	51.8
132.	21.55	54.6	67.2	51.2	168.	00.55	53.2	66.6	49.3	204.	03.55	57.1	68.7	51.7
133.	22.00	61.2	81.7	51.1	169.	01.00	52.5	67.8	50.0	205.	04.00	56.2	73.4	50.8
134.	22.05	55.0	70.8	50.8	170.	01.05	60.0	76.9	50.4	206.	04.05	58.0	77.2	51.4
135.	22.10	57.7	72.3	51.9	171.	01.10	53.2	69.4	50.4	207.	04.10	59.5	81.6	50.4
136.	22.15	53.9	67.2	51.0	172.	01.15	58.1	80.9	50.6	208.	04.15	54.0	66.6	50.4
137.	22.20	55.5	78.6	51.2	173.	01.20	55.4	74.7	50.2	209.	04.20	55.8	68.7	50.7
138.	22.25	52.9	61.0	51.1	174.	01.25	52.3	61.8	49.8	210.	04.25	55.7	68.9	50.7
139.	22.30	53.6	66.0	51.0	175.	01.30	54.2	64.3	50.5	211.	04.30	54.6	67.6	51.0
140.	22.35	54.9	72.6	51.2	176.	01.35	51.9	58.0	50.0	212.	04.35	56.8	68.8	51.8
141.	22.40	52.9	64.2	50.7	177.	01.40	53.3	63.7	50.3	213.	04.40	57.8	75.4	51.4
142.	22.45	54.2	67.6	50.4	178.	01.45	53.4	62.5	50.7	214.	04.45	58.3	79.1	51.6
143.	22.50	56.4	72.8	50.8	179.	01.50	56.3	69.4	50.8	215.	04.50	54.5	66.2	51.9
144.	22.55	51.9	61.9	50.1	180.	01.55	55.1	64.9	51.0	216.	04.55	55.7	67.6	52.1

**TET**

Thai Environmental Technic Limited  
บริษัท เทคนิสิ่งแวดล้อมไทย 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))		
		30-31/10/23					30-31/10/23					30-31/10/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
217.	05.00	55.6	67.5	52.3	241.	07.00	53.3	66.5	49.5	265.	09.00	53.9	67.5	48.3
218.	05.05	55.4	68.3	52.1	242.	07.05	52.9	62.7	49.6	266.	09.05	61.3	81.5	49.3
219.	05.10	59.6	81.9	52.3	243.	07.10	61.5	83.0	50.4	267.	09.10	52.2	65.7	48.7
220.	05.15	58.7	77.9	52.6	244.	07.15	66.2	94.7	49.3	268.	09.15	54.1	69.0	46.4
221.	05.20	55.0	65.2	52.5	245.	07.20	58.1	72.4	50.7	269.	09.20	55.4	71.8	46.9
222.	05.25	56.2	70.1	52.6	246.	07.25	55.7	70.3	48.6	270.	09.25	54.8	67.4	49.3
223.	05.30	56.3	69.1	52.7	247.	07.30	57.1	70.5	50.5	271.	09.30	58.5	74.9	49.4
224.	05.35	56.3	71.3	51.8	248.	07.35	53.5	66.3	49.7	272.	09.35	54.7	66.5	48.0
225.	05.40	58.0	69.0	53.8	249.	07.40	53.9	64.8	48.0	273.	09.40	56.5	77.2	48.7
226.	05.45	55.8	67.9	52.0	250.	07.45	53.0	68.6	48.3	274.	09.45	54.7	65.2	50.0
227.	05.50	57.7	74.3	52.7	251.	07.50	55.4	74.5	49.0	275.	09.50	56.4	74.7	49.8
228.	05.55	56.0	71.1	51.9	252.	07.55	57.2	76.8	48.6	276.	09.55	57.4	74.9	48.6
229.	06.00	54.6	67.5	51.1	253.	08.00	56.2	78.3	47.7	277.	10.00	56.1	69.8	49.4
230.	06.05	58.5	74.9	52.7	254.	08.05	60.7	81.1	48.7	278.	10.05	56.5	71.7	49.6
231.	06.10	60.3	75.2	52.0	255.	08.10	54.5	68.2	48.6	279.	10.10	56.1	68.4	51.1
232.	06.15	55.6	69.6	52.4	256.	08.15	54.7	69.7	49.3	280.	10.15	58.1	75.2	51.1
233.	06.20	56.5	75.9	51.1	257.	08.20	56.0	70.2	49.5	281.	10.20	58.2	79.8	49.2
234.	06.25	54.7	68.4	50.5	258.	08.25	57.3	73.8	49.1	282.	10.25	54.4	71.0	48.8
235.	06.30	54.6	70.6	51.8	259.	08.30	56.1	74.6	49.5	283.	10.30	55.0	71.4	49.1
236.	06.35	58.8	73.2	51.1	260.	08.35	52.4	64.8	49.5	284.	10.35	55.0	73.1	49.3
237.	06.40	57.9	75.6	51.2	261.	08.40	50.5	63.7	45.8	285.	10.40	60.2	82.2	49.1
238.	06.45	55.7	67.2	50.9	262.	08.45	53.7	69.5	48.7	286.	10.45	55.0	71.3	49.2
239.	06.50	55.9	77.5	50.7	263.	08.50	55.9	72.4	47.5	287.	10.50	56.9	73.0	50.4
240.	06.55	56.6	72.7	50.1	264.	08.55	54.9	69.6	48.8	288.	10.55	56.6	70.0	50.4



General Manager



**TET**

# Thai Environmental Technic Limited

## บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP  
 Project : โครงการผลิตลวดทองแดงส่วนขยาย ครั้งที่ 1  
 Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม  
 อำเภอบางปะกง จังหวัดฉะเชิงเทรา 24130  
 Contact : Tel. (038)-573 231-5  
 Job No. : S660063/Oct/1

Report No. : 3454/2023/5-7  
 Report Date : November 14, 2023  
 Sampling Date : October 27-November 3, 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))		
		31/10-01/11/23					31/10-01/11/23					31/10-01/11/23		
		Leq	Lmax	L90			Leq	Lmax	L90			Leq	Lmax	L90
1.	11.00	56.1	73.6	50.3	37.	14.00	58.2	75.6	51.3	73.	17.00	54.5	68.5	51.7
2.	11.05	57.1	74.5	51.4	38.	14.05	59.3	76.1	52.0	74.	17.05	58.1	80.3	51.9
3.	11.10	58.0	70.9	52.4	39.	14.10	58.7	76.9	52.1	75.	17.10	61.3	87.5	51.2
4.	11.15	59.2	69.7	51.2	40.	14.15	59.0	74.3	51.6	76.	17.15	53.4	66.7	50.5
5.	11.20	57.2	74.9	50.7	41.	14.20	58.5	72.6	51.8	77.	17.20	59.4	84.5	50.8
6.	11.25	55.7	70.6	51.0	42.	14.25	58.9	73.3	52.3	78.	17.25	56.5	76.3	51.1
7.	11.30	59.4	85.4	50.6	43.	14.30	60.2	77.0	51.4	79.	17.30	54.0	70.6	50.8
8.	11.35	60.8	77.0	51.6	44.	14.35	57.5	77.2	51.1	80.	17.35	53.6	69.2	51.1
9.	11.40	58.5	77.0	51.6	45.	14.40	57.7	74.8	51.3	81.	17.40	54.4	71.3	51.2
10.	11.45	57.8	72.4	50.8	46.	14.45	57.9	73.5	51.1	82.	17.45	56.0	78.1	50.8
11.	11.50	59.4	77.4	51.1	47.	14.50	57.4	71.6	52.1	83.	17.50	54.8	73.2	50.7
12.	11.55	61.2	81.9	51.1	48.	14.55	58.6	76.7	51.6	84.	17.55	54.4	70.2	50.7
13.	12.00	60.5	81.8	51.3	49.	15.00	58.3	73.6	51.0	85.	18.00	53.2	69.3	50.6
14.	12.05	61.4	80.6	50.5	50.	15.05	56.0	73.9	50.6	86.	18.05	57.4	79.9	50.5
15.	12.10	59.7	77.6	50.9	51.	15.10	61.2	86.5	51.2	87.	18.10	53.8	71.0	50.5
16.	12.15	59.4	78.8	50.7	52.	15.15	56.6	74.6	50.2	88.	18.15	53.2	71.1	50.6
17.	12.20	59.8	79.3	51.5	53.	15.20	56.9	75.8	50.0	89.	18.20	53.8	81.8	50.4
18.	12.25	61.5	82.2	51.1	54.	15.25	56.3	77.8	50.3	90.	18.25	55.9	74.3	50.7
19.	12.30	59.7	72.3	52.8	55.	15.30	59.1	74.5	50.9	91.	18.30	65.2	87.9	50.7
20.	12.35	61.7	78.5	51.5	56.	15.35	57.7	73.6	50.3	92.	18.35	54.8	76.2	50.9
21.	12.40	60.1	73.0	51.8	57.	15.40	57.3	71.2	51.3	93.	18.40	53.3	70.7	50.7
22.	12.45	66.2	92.6	52.0	58.	15.45	58.0	75.6	51.4	94.	18.45	51.3	53.0	50.6
23.	12.50	60.2	75.4	52.0	59.	15.50	55.9	69.8	51.1	95.	18.50	54.0	73.7	51.0
24.	12.55	60.1	80.0	51.2	60.	15.55	56.8	77.0	51.1	96.	18.55	53.0	65.2	51.0
25.	13.00	62.1	84.8	52.0	61.	16.00	55.6	70.3	51.0	97.	19.00	55.2	75.9	51.3
26.	13.05	61.5	79.1	51.4	62.	16.05	56.8	74.1	51.2	98.	19.05	53.2	66.6	50.6
27.	13.10	59.5	75.6	51.8	63.	16.10	56.1	72.4	51.0	99.	19.10	52.3	69.4	50.3
28.	13.15	60.1	76.8	51.8	64.	16.15	56.2	77.0	51.4	100.	19.15	52.1	65.9	50.5
29.	13.20	61.0	78.6	52.3	65.	16.20	59.5	84.1	50.7	101.	19.20	53.5	73.7	50.4
30.	13.25	62.1	76.3	53.6	66.	16.25	56.3	72.8	51.0	102.	19.25	58.1	67.2	54.8
31.	13.30	59.8	83.6	52.1	67.	16.30	54.3	71.5	50.7	103.	19.30	57.4	69.0	55.5
32.	13.35	62.3	83.1	51.8	68.	16.35	55.7	70.7	51.4	104.	19.35	62.7	91.8	56.8
33.	13.40	59.9	81.5	52.8	69.	16.40	55.3	72.1	51.3	105.	19.40	58.3	66.7	56.8
34.	13.45	60.0	76.3	52.0	70.	16.45	54.8	68.3	51.6	106.	19.45	53.0	70.5	50.7
35.	13.50	61.1	78.1	52.2	71.	16.50	55.2	70.0	51.1	107.	19.50	53.2	67.7	50.7
36.	13.55	58.8	77.4	51.8	72.	16.55	55.7	73.2	50.9	108.	19.55	53.0	72.6	50.8

**TET**

**Thai Environmental Technic Limited**  
**บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด**

(5/2-3)

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))		
		31/10-01/11/23					31/10-01/11/23					31/10-01/11/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
109.	20.00	53.3	73.3	50.7	145.	23.00	55.5	73.7	49.4	181.	02.00	54.8	73.1	47.1
110.	20.05	53.1	71.1	50.7	146.	23.05	55.5	68.4	49.8	182.	02.05	51.0	59.0	48.2
111.	20.10	51.2	52.5	50.7	147.	23.10	56.9	70.8	54.3	183.	02.10	51.1	62.7	47.9
112.	20.15	51.7	68.7	50.5	148.	23.15	57.1	73.4	54.3	184.	02.15	52.3	69.3	48.4
113.	20.20	52.0	67.9	50.5	149.	23.20	57.2	74.0	54.3	185.	02.20	52.1	65.6	48.4
114.	20.25	51.8	66.7	50.6	150.	23.25	64.9	87.3	54.6	186.	02.25	52.7	61.4	48.9
115.	20.30	51.7	67.2	50.7	151.	23.30	58.1	69.1	54.5	187.	02.30	53.4	61.0	50.1
116.	20.35	52.3	68.8	50.8	152.	23.35	51.1	54.3	50.4	188.	02.35	54.6	66.0	49.5
117.	20.40	52.0	67.0	50.7	153.	23.40	54.2	71.3	50.9	189.	02.40	54.6	74.0	49.5
118.	20.45	51.6	67.0	50.7	154.	23.45	53.1	66.0	51.0	190.	02.45	53.8	69.3	49.8
119.	20.50	51.6	65.8	50.5	155.	23.50	52.5	68.8	50.6	191.	02.50	52.0	60.2	49.4
120.	20.55	50.9	53.4	50.4	156.	23.55	51.7	58.6	50.7	192.	02.55	53.6	66.3	49.7
121.	21.00	51.9	67.7	50.3	157.	00.00	52.7	71.4	50.3	193.	03.00	53.2	66.9	49.7
122.	21.05	53.9	73.9	50.5	158.	00.05	51.3	52.5	50.7	194.	03.05	52.6	67.1	48.9
123.	21.10	53.0	72.0	50.5	159.	00.10	52.4	68.3	50.8	195.	03.10	52.0	59.9	48.7
124.	21.15	51.6	67.0	50.7	160.	00.15	52.3	66.6	50.5	196.	03.15	54.4	71.0	48.8
125.	21.20	51.7	59.5	51.0	161.	00.20	51.8	61.9	50.5	197.	03.20	53.5	72.4	49.2
126.	21.25	51.8	66.2	50.8	162.	00.25	52.0	65.1	51.0	198.	03.25	52.3	65.1	49.0
127.	21.30	52.8	66.9	50.5	163.	00.30	52.2	68.0	50.9	199.	03.30	54.1	65.9	48.4
128.	21.35	52.0	71.3	50.0	164.	00.35	51.7	54.5	50.9	200.	03.35	53.2	66.2	48.8
129.	21.40	51.3	62.4	50.4	165.	00.40	52.8	72.6	50.5	201.	03.40	53.8	64.2	49.4
130.	21.45	51.2	53.2	50.2	166.	00.45	52.5	69.5	49.8	202.	03.45	54.5	70.6	50.5
131.	21.50	51.7	64.0	50.7	167.	00.50	50.9	58.8	50.3	203.	03.50	53.6	65.0	49.8
132.	21.55	60.9	81.3	50.4	168.	00.55	52.2	71.0	50.0	204.	03.55	53.4	65.2	50.2
133.	22.00	65.1	86.8	49.9	169.	01.00	51.1	52.6	50.6	205.	04.00	52.4	60.2	50.1
134.	22.05	60.2	84.7	50.7	170.	01.05	52.3	68.4	50.5	206.	04.05	52.9	64.6	50.5
135.	22.10	55.0	69.9	50.7	171.	01.10	52.4	72.0	49.8	207.	04.10	53.7	66.5	51.2
136.	22.15	54.0	72.2	50.0	172.	01.15	51.5	66.6	50.0	208.	04.15	54.5	69.8	51.5
137.	22.20	54.2	68.3	50.8	173.	01.20	52.1	65.8	49.9	209.	04.20	55.7	65.4	52.9
138.	22.25	55.5	73.6	50.7	174.	01.25	53.4	69.5	50.6	210.	04.25	55.5	66.9	53.0
139.	22.30	54.4	73.9	50.6	175.	01.30	51.9	67.1	50.6	211.	04.30	56.4	66.6	53.9
140.	22.35	52.0	66.1	50.3	176.	01.35	52.2	66.2	50.4	212.	04.35	56.8	69.3	54.1
141.	22.40	54.3	68.3	49.9	177.	01.40	52.0	65.9	50.3	213.	04.40	57.6	74.4	54.1
142.	22.45	54.7	67.7	50.4	178.	01.45	55.0	73.7	50.3	214.	04.45	59.0	69.3	55.1
143.	22.50	53.1	64.4	50.3	179.	01.50	51.8	64.4	50.2	215.	04.50	57.9	67.1	55.4
144.	22.55	54.2	67.4	50.3	180.	01.55	52.3	69.4	50.5	216.	04.55	59.9	83.4	55.0



**TET**

**Thai Environmental Technic Limited**  
**บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด**

(5/3-3)

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))		
		31/10-01/11/23					31/10-01/11/23					31/10-01/11/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
217.	05.00	57.6	72.9	55.4	241.	07.00	56.7	75.7	50.2	265.	09.00	55.3	74.9	49.4
218.	05.05	56.8	66.6	54.9	242.	07.05	57.5	73.8	49.7	266.	09.05	54.7	69.7	49.5
219.	05.10	56.8	70.0	54.5	243.	07.10	57.6	74.2	50.7	267.	09.10	53.3	69.4	48.9
220.	05.15	58.1	78.3	55.2	244.	07.15	60.1	78.1	50.9	268.	09.15	54.2	68.9	49.2
221.	05.20	56.7	67.6	54.8	245.	07.20	60.6	86.2	50.3	269.	09.20	58.3	78.5	50.4
222.	05.25	57.2	66.9	54.8	246.	07.25	57.7	79.3	49.9	270.	09.25	57.6	78.4	49.4
223.	05.30	55.9	67.0	54.2	247.	07.30	56.9	70.0	50.7	271.	09.30	54.3	68.5	49.4
224.	05.35	57.1	73.3	54.5	248.	07.35	57.3	76.4	50.3	272.	09.35	55.7	72.0	49.0
225.	05.40	56.1	69.2	51.8	249.	07.40	57.7	80.3	50.9	273.	09.40	54.7	68.1	49.6
226.	05.45	62.0	86.3	51.6	250.	07.45	57.5	76.1	50.0	274.	09.45	54.4	69.6	49.1
227.	05.50	61.0	82.2	52.1	251.	07.50	57.8	74.6	50.9	275.	09.50	56.2	75.4	49.8
228.	05.55	56.8	73.9	51.6	252.	07.55	56.7	71.6	50.8	276.	09.55	60.0	72.8	52.3
229.	06.00	56.9	73.1	51.3	253.	08.00	58.3	75.6	50.0	277.	10.00	59.4	74.4	52.4
230.	06.05	57.8	77.6	51.2	254.	08.05	56.8	72.8	50.5	278.	10.05	59.6	81.9	51.4
231.	06.10	57.9	69.0	51.3	255.	08.10	56.9	77.1	50.1	279.	10.10	57.9	69.9	51.6
232.	06.15	58.8	76.4	51.1	256.	08.15	57.7	76.5	49.7	280.	10.15	58.5	76.7	52.1
233.	06.20	60.5	84.4	50.5	257.	08.20	60.7	87.2	49.0	281.	10.20	58.1	73.0	52.1
234.	06.25	57.7	74.0	50.7	258.	08.25	56.6	74.3	49.5	282.	10.25	60.5	77.2	52.8
235.	06.30	55.6	72.2	50.9	259.	08.30	55.0	71.7	49.3	283.	10.30	58.8	73.2	51.7
236.	06.35	55.1	69.5	51.3	260.	08.35	56.2	73.1	49.9	284.	10.35	59.1	73.4	51.4
237.	06.40	57.7	80.1	50.5	261.	08.40	56.4	68.6	50.0	285.	10.40	59.3	72.9	52.2
238.	06.45	59.6	83.3	49.9	262.	08.45	55.6	71.5	49.9	286.	10.45	62.9	78.2	51.0
239.	06.50	56.0	71.5	49.7	263.	08.50	55.6	68.0	49.9	287.	10.50	56.9	72.0	49.5
240.	06.55	56.3	69.6	50.0	264.	08.55	62.3	77.7	49.3	288.	10.55	59.6	79.2	48.8



General Manager

**TET**

# Thai Environmental Technic Limited

## บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP  
 Project : โครงการผลิตลวดทองแดงส่วนขยาย ครั้งที่ 1  
 Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม  
 อำเภอบางปะกง จังหวัดฉะเชิงเทรา 24130  
 Contact : Tel. (038)-573 231-5  
 Job No. : S660063/Oct/1

Report No. : 3454/2023/6-7  
 Report Date : November 14, 2023  
 Sampling Date : October 27-November 3, 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))		
		01-02/11/23					01-02/11/23					01-02/11/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
1.	11.00	56.9	77.4	49.4	37.	14.00	55.7	69.8	49.1	73.	17.00	53.4	67.9	51.8
2.	11.05	56.6	71.7	49.2	38.	14.05	55.7	71.4	49.3	74.	17.05	58.3	79.7	51.6
3.	11.10	58.1	79.0	50.3	39.	14.10	61.8	87.5	49.3	75.	17.10	56.8	74.5	51.3
4.	11.15	58.4	78.3	52.1	40.	14.15	56.3	72.6	49.8	76.	17.15	53.4	66.4	51.6
5.	11.20	56.6	70.5	49.3	41.	14.20	58.8	82.2	49.4	77.	17.20	55.1	74.6	51.6
6.	11.25	59.4	78.0	50.0	42.	14.25	55.9	72.7	49.4	78.	17.25	53.8	71.6	51.8
7.	11.30	57.3	73.4	49.8	43.	14.30	59.6	78.5	49.8	79.	17.30	57.1	80.2	52.0
8.	11.35	55.7	71.2	49.5	44.	14.35	55.7	70.4	49.9	80.	17.35	54.5	72.1	51.8
9.	11.40	58.2	72.3	49.8	45.	14.40	53.5	68.2	49.5	81.	17.40	54.6	71.4	51.7
10.	11.45	57.3	71.3	50.4	46.	14.45	59.3	80.4	49.6	82.	17.45	54.3	72.9	51.7
11.	11.50	59.4	78.9	49.8	47.	14.50	64.0	92.1	49.1	83.	17.50	55.7	78.8	51.5
12.	11.55	58.6	75.4	50.2	48.	14.55	57.9	76.3	49.5	84.	17.55	59.3	82.9	51.6
13.	12.00	60.5	80.0	49.2	49.	15.00	59.0	76.8	49.9	85.	18.00	52.5	63.8	51.8
14.	12.05	60.2	74.8	51.4	50.	15.05	58.8	75.0	49.2	86.	18.05	55.0	72.3	51.1
15.	12.10	59.6	73.5	50.9	51.	15.10	57.1	74.0	49.6	87.	18.10	53.8	71.3	51.1
16.	12.15	58.4	73.8	51.0	52.	15.15	61.0	85.3	49.9	88.	18.15	55.4	70.1	51.8
17.	12.20	66.2	84.5	52.7	53.	15.20	55.0	70.5	50.3	89.	18.20	55.0	69.1	51.3
18.	12.25	62.2	80.0	51.6	54.	15.25	60.3	84.0	49.8	90.	18.25	52.2	67.1	50.8
19.	12.30	58.1	73.9	50.2	55.	15.30	55.3	71.3	49.7	91.	18.30	54.6	76.7	51.3
20.	12.35	57.8	75.8	49.5	56.	15.35	57.0	76.4	49.7	92.	18.35	56.4	76.3	51.1
21.	12.40	59.5	77.4	49.7	57.	15.40	56.8	74.9	50.0	93.	18.40	52.8	70.1	51.3
22.	12.45	62.1	83.8	50.0	58.	15.45	55.5	70.4	50.6	94.	18.45	52.3	54.2	51.5
23.	12.50	58.6	73.9	50.1	59.	15.50	57.3	73.7	50.6	95.	18.50	52.8	58.5	51.6
24.	12.55	60.2	77.5	50.0	60.	15.55	60.5	81.6	50.5	96.	18.55	54.2	71.2	51.2
25.	13.00	58.6	73.1	50.1	61.	16.00	55.0	69.8	49.6	97.	19.00	56.9	81.2	51.3
26.	13.05	65.1	84.7	51.9	62.	16.05	54.9	74.0	49.8	98.	19.05	52.5	66.3	51.3
27.	13.10	57.4	70.3	50.0	63.	16.10	53.7	68.0	50.5	99.	19.10	52.3	67.2	51.2
28.	13.15	63.3	84.5	51.9	64.	16.15	56.7	79.7	50.4	100.	19.15	53.7	72.7	51.3
29.	13.20	62.1	78.9	51.2	65.	16.20	53.1	68.2	50.0	101.	19.20	52.8	68.4	51.3
30.	13.25	59.3	80.7	49.7	66.	16.25	53.6	69.3	49.9	102.	19.25	53.1	72.7	51.2
31.	13.30	57.7	72.8	50.1	67.	16.30	57.3	76.9	49.6	103.	19.30	51.6	54.8	51.0
32.	13.35	57.5	76.0	49.6	68.	16.35	53.1	69.0	49.6	104.	19.35	52.0	64.5	51.1
33.	13.40	60.8	82.2	49.9	69.	16.40	60.8	86.7	50.2	105.	19.40	52.5	66.7	51.1
34.	13.45	62.8	87.6	49.5	70.	16.45	58.5	84.0	49.8	106.	19.45	52.5	67.2	51.0
35.	13.50	56.1	68.3	49.4	71.	16.50	56.2	73.7	50.4	107.	19.50	53.6	71.5	51.3
36.	13.55	58.5	82.6	48.6	72.	16.55	53.3	70.3	51.2	108.	19.55	53.4	59.3	51.4





Thai Environmental Technic Limited  
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(6/2-3)

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))		
		01-02/11/23					01-02/11/23					01-02/11/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
109.	20.00	55.0	77.7	51.3	145.	23.00	52.7	68.5	51.6	181.	02.00	50.2	58.6	48.3
110.	20.05	51.8	59.4	51.1	146.	23.05	52.7	66.2	51.7	182.	02.05	49.5	59.9	48.0
111.	20.10	53.3	71.5	51.3	147.	23.10	54.9	73.1	51.3	183.	02.10	53.3	63.5	48.4
112.	20.15	51.5	53.1	51.0	148.	23.15	53.5	67.7	52.0	184.	02.15	49.0	62.3	46.7
113.	20.20	52.5	69.4	51.1	149.	23.20	54.5	70.4	51.9	185.	02.20	52.6	70.8	47.9
114.	20.25	53.1	70.4	51.5	150.	23.25	53.6	67.0	51.8	186.	02.25	51.8	64.2	49.5
115.	20.30	52.7	65.4	51.8	151.	23.30	52.7	67.3	51.4	187.	02.30	53.3	70.1	49.9
116.	20.35	52.6	62.8	51.6	152.	23.35	54.0	69.2	52.1	188.	02.35	54.9	71.4	50.3
117.	20.40	51.9	54.9	51.4	153.	23.40	55.5	75.9	51.9	189.	02.40	52.5	67.6	50.2
118.	20.45	52.1	53.7	51.6	154.	23.45	54.2	65.7	52.2	190.	02.45	52.0	59.8	50.7
119.	20.50	52.5	56.3	51.9	155.	23.50	54.6	73.6	51.8	191.	02.50	51.8	56.8	50.6
120.	20.55	53.9	69.3	52.0	156.	23.55	53.3	65.8	51.9	192.	02.55	52.6	59.5	50.6
121.	21.00	53.2	55.5	52.1	157.	00.00	53.7	68.7	51.9	193.	03.00	51.3	60.4	49.6
122.	21.05	54.7	74.1	52.8	158.	00.05	54.2	69.3	51.3	194.	03.05	51.0	57.7	49.9
123.	21.10	53.5	69.4	51.8	159.	00.10	57.0	77.9	51.7	195.	03.10	51.2	66.8	49.8
124.	21.15	53.9	72.7	51.6	160.	00.15	57.6	78.7	51.7	196.	03.15	51.1	61.1	49.3
125.	21.20	53.4	69.1	51.9	161.	00.20	55.6	72.0	51.4	197.	03.20	52.1	60.4	50.6
126.	21.25	52.8	65.4	51.8	162.	00.25	55.0	69.6	51.4	198.	03.25	52.7	67.9	50.7
127.	21.30	52.2	53.7	51.6	163.	00.30	54.0	69.4	51.5	199.	03.30	51.7	62.7	50.3
128.	21.35	53.3	68.6	51.7	164.	00.35	54.1	69.1	51.6	200.	03.35	53.5	67.5	50.0
129.	21.40	53.7	74.0	51.4	165.	00.40	54.4	70.8	49.1	201.	03.40	52.4	65.7	49.9
130.	21.45	52.8	64.6	51.7	166.	00.45	53.2	65.6	49.5	202.	03.45	51.1	66.2	48.5
131.	21.50	55.2	65.0	52.0	167.	00.50	53.1	71.9	49.9	203.	03.50	53.4	69.4	48.2
132.	21.55	52.3	54.7	51.7	168.	00.55	54.2	70.2	50.3	204.	03.55	53.5	70.7	47.9
133.	22.00	52.5	67.4	51.2	169.	01.00	51.3	56.9	49.7	205.	04.00	53.1	69.3	48.5
134.	22.05	54.0	74.6	51.6	170.	01.05	52.6	62.4	50.3	206.	04.05	50.2	60.3	47.6
135.	22.10	52.0	53.2	51.6	171.	01.10	51.5	60.3	50.1	207.	04.10	58.6	84.7	48.7
136.	22.15	52.8	66.6	51.3	172.	01.15	51.6	59.2	50.5	208.	04.15	60.4	71.3	58.2
137.	22.20	52.3	63.6	51.3	173.	01.20	51.7	56.1	50.3	209.	04.20	60.3	67.2	58.2
138.	22.25	52.6	56.2	51.6	174.	01.25	51.0	55.6	49.5	210.	04.25	55.6	76.1	49.3
139.	22.30	52.0	53.3	51.5	175.	01.30	52.4	62.6	50.4	211.	04.30	58.3	74.4	49.4
140.	22.35	52.7	66.4	51.1	176.	01.35	53.5	67.0	50.3	212.	04.35	53.4	62.1	49.1
141.	22.40	52.4	66.2	51.6	177.	01.40	54.4	70.1	50.6	213.	04.40	52.6	66.9	49.3
142.	22.45	52.1	53.4	51.6	178.	01.45	51.0	56.0	49.7	214.	04.45	55.3	77.7	49.6
143.	22.50	52.1	61.3	51.3	179.	01.50	50.5	59.7	49.1	215.	04.50	50.5	57.4	49.2
144.	22.55	52.1	54.6	51.2	180.	01.55	50.9	59.3	49.5	216.	04.55	55.6	73.7	49.6

**TET**

Thai Environmental Technic Limited  
บริษัท เทคนิกลิ่งแวดล้อมไทย จำกัด

(6/3-3)

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))		
		01-02/11/23					01-02/11/23					01-02/11/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
217.	05.00	58.1	74.8	50.2	241.	07.00	55.9	69.1	51.7	265.	09.00	56.2	73.4	50.3
218.	05.05	57.2	74.3	50.6	242.	07.05	60.4	82.0	51.6	266.	09.05	55.0	73.1	50.3
219.	05.10	54.6	70.5	50.9	243.	07.10	65.5	93.2	51.9	267.	09.10	55.3	68.7	50.0
220.	05.15	57.6	74.6	52.5	244.	07.15	55.6	69.7	51.2	268.	09.15	54.0	69.2	49.9
221.	05.20	56.3	74.6	52.6	245.	07.20	58.2	75.5	51.6	269.	09.20	56.2	72.7	50.3
222.	05.25	58.8	80.0	52.3	246.	07.25	57.0	75.5	51.2	270.	09.25	55.8	75.8	50.8
223.	05.30	55.3	66.7	52.6	247.	07.30	61.6	85.9	51.2	271.	09.30	59.1	80.6	50.8
224.	05.35	57.7	73.9	52.1	248.	07.35	56.8	71.4	51.3	272.	09.35	57.3	72.7	50.6
225.	05.40	58.0	80.4	52.2	249.	07.40	55.2	71.1	50.7	273.	09.40	55.1	67.9	50.5
226.	05.45	57.5	73.4	52.5	250.	07.45	57.7	78.3	50.9	274.	09.45	56.6	75.7	50.7
227.	05.50	57.7	78.7	52.4	251.	07.50	55.8	70.4	50.8	275.	09.50	58.5	78.3	50.5
228.	05.55	57.1	73.1	51.9	252.	07.55	55.1	71.2	50.0	276.	09.55	57.2	76.5	50.7
229.	06.00	56.2	71.4	52.4	253.	08.00	55.0	67.6	50.0	277.	10.00	58.4	82.1	50.7
230.	06.05	57.0	69.7	52.1	254.	08.05	57.1	79.0	49.6	278.	10.05	55.7	74.1	50.6
231.	06.10	54.2	70.9	51.8	255.	08.10	58.0	72.3	50.3	279.	10.10	60.6	80.7	51.0
232.	06.15	57.3	78.2	51.9	256.	08.15	56.5	71.8	50.4	280.	10.15	56.2	68.8	50.8
233.	06.20	58.3	75.6	52.5	257.	08.20	56.8	76.6	50.5	281.	10.20	57.1	75.5	50.8
234.	06.25	58.1	74.3	52.5	258.	08.25	55.1	72.1	50.4	282.	10.25	55.9	69.2	50.7
235.	06.30	57.4	74.7	52.0	259.	08.30	58.1	78.1	50.6	283.	10.30	56.4	69.6	51.0
236.	06.35	59.1	75.0	52.3	260.	08.35	58.7	83.1	50.1	284.	10.35	60.6	79.5	51.3
237.	06.40	62.1	84.0	51.9	261.	08.40	56.2	73.3	49.9	285.	10.40	56.6	71.8	50.9
238.	06.45	57.9	73.3	52.0	262.	08.45	57.5	77.7	50.4	286.	10.45	56.0	75.3	50.7
239.	06.50	63.7	90.6	51.6	263.	08.50	53.8	69.6	49.9	287.	10.50	62.2	89.2	51.8
240.	06.55	63.3	86.8	51.9	264.	08.55	55.8	71.9	50.4	288.	10.55	57.0	70.1	51.4



General Manager



**TET****Thai Environmental Technic Limited****บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด**

Customer Name : บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP  
 Project : โครงการผลิตลวดทองแดงส่วนขยาย ครั้งที่ 1  
 Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม  
 อำเภอบางปะกง จังหวัดฉะเชิงเทรา 24130  
 Contact : Tel. (038)-573 231-5  
 Job No. : S660063/Oct/1

Report No. : 3454/2023/7-7  
 Report Date : November 14, 2023  
 Sampling Date : October 27-November 3, 2023  
 Type of Sample : Sound Level

(7/1-3)

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))		
		02-03/11/23					02-03/11/23					02-03/11/23		
		Leq	Lmax	L90			Leq	Lmax	L90			Leq	Lmax	L90
1.	11.00	60.0	75.9	51.3	37.	14.00	56.9	72.7	50.8	73.	17.00	54.2	69.3	51.6
2.	11.05	65.8	77.1	51.8	38.	14.05	55.6	67.9	50.9	74.	17.05	55.3	78.7	51.6
3.	11.10	58.6	72.6	51.5	39.	14.10	56.8	70.6	51.0	75.	17.10	55.5	76.1	51.0
4.	11.15	58.1	72.5	51.1	40.	14.15	57.3	73.8	50.9	76.	17.15	53.2	68.1	50.9
5.	11.20	59.2	73.5	51.6	41.	14.20	55.8	70.6	50.7	77.	17.20	54.0	71.2	51.3
6.	11.25	60.7	83.0	51.9	42.	14.25	60.1	83.4	50.9	78.	17.25	53.5	69.4	51.5
7.	11.30	63.6	87.5	52.7	43.	14.30	56.5	72.9	50.7	79.	17.30	56.1	78.8	50.9
8.	11.35	60.7	75.5	52.5	44.	14.35	56.3	72.9	51.1	80.	17.35	54.3	72.1	51.4
9.	11.40	60.3	77.8	52.1	45.	14.40	57.4	80.3	50.9	81.	17.40	52.5	66.5	51.3
10.	11.45	58.4	72.3	51.2	46.	14.45	55.9	73.5	51.1	82.	17.45	55.4	75.4	50.9
11.	11.50	57.4	67.8	51.0	47.	14.50	57.1	80.7	51.7	83.	17.50	54.7	71.7	50.9
12.	11.55	60.7	77.2	51.3	48.	14.55	59.6	79.6	51.6	84.	17.55	59.8	82.5	51.3
13.	12.00	62.6	83.6	50.8	49.	15.00	55.6	70.3	51.8	85.	18.00	55.3	72.1	51.3
14.	12.05	59.6	74.5	51.2	50.	15.05	57.1	75.9	51.5	86.	18.05	52.0	66.8	50.8
15.	12.10	58.1	71.2	51.1	51.	15.10	56.3	69.3	51.6	87.	18.10	54.3	72.1	51.1
16.	12.15	58.5	72.8	51.9	52.	15.15	55.0	67.8	51.4	88.	18.15	55.0	75.3	51.4
17.	12.20	56.6	71.4	50.9	53.	15.20	56.6	70.6	51.6	89.	18.20	52.0	64.9	50.9
18.	12.25	58.8	74.0	51.4	54.	15.25	59.4	83.9	51.8	90.	18.25	52.4	67.6	50.8
19.	12.30	59.1	79.1	51.7	55.	15.30	55.8	67.6	52.2	91.	18.30	52.6	68.5	51.5
20.	12.35	58.7	76.4	51.5	56.	15.35	56.8	73.6	52.0	92.	18.35	55.6	73.4	51.5
21.	12.40	57.0	69.7	51.6	57.	15.40	58.0	80.2	52.3	93.	18.40	52.3	66.9	51.2
22.	12.45	59.6	73.6	51.3	58.	15.45	58.4	80.5	52.8	94.	18.45	52.4	66.2	51.2
23.	12.50	60.0	76.4	51.7	59.	15.50	59.8	81.7	52.5	95.	18.50	52.0	65.9	51.1
24.	12.55	60.1	82.3	51.3	60.	15.55	56.7	73.0	52.5	96.	18.55	51.5	53.4	51.0
25.	13.00	62.0	89.7	51.8	61.	16.00	62.1	79.7	52.4	97.	19.00	52.2	64.1	51.4
26.	13.05	58.9	79.9	51.4	62.	16.05	55.2	73.4	52.2	98.	19.05	51.7	53.0	51.2
27.	13.10	56.1	75.4	50.9	63.	16.10	55.7	70.1	52.1	99.	19.10	54.7	77.0	51.0
28.	13.15	55.7	74.1	50.8	64.	16.15	60.5	87.2	52.1	100.	19.15	51.7	56.5	51.1
29.	13.20	58.5	74.8	51.2	65.	16.20	54.2	67.3	51.8	101.	19.20	51.6	53.3	51.1
30.	13.25	60.5	83.2	51.0	66.	16.25	54.7	71.2	51.7	102.	19.25	51.8	60.2	51.2
31.	13.30	61.5	84.9	51.1	67.	16.30	57.9	78.9	50.7	103.	19.30	52.7	65.0	51.1
32.	13.35	58.3	77.0	50.6	68.	16.35	52.5	64.2	51.4	104.	19.35	52.3	67.9	50.9
33.	13.40	58.7	77.3	50.4	69.	16.40	55.6	78.6	51.6	105.	19.40	52.8	65.6	51.3
34.	13.45	56.1	73.3	50.4	70.	16.45	55.2	70.9	51.8	106.	19.45	51.7	59.8	51.1
35.	13.50	58.8	78.1	50.7	71.	16.50	54.0	70.2	51.7	107.	19.50	52.6	60.3	51.4
36.	13.55	56.7	71.6	50.3	72.	16.55	54.5	69.8	51.1	108.	19.55	52.3	63.5	51.3



Thai Environmental Technic Limited  
บริษัท เทคนิกลิ่งแวดล้อมไทย 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))		
		02-03/11/23					02-03/11/23					02-03/11/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
109.	20.00	53.1	67.6	51.4	145.	23.00	52.9	71.6	50.8	181.	02.00	52.0	59.8	50.7
110.	20.05	52.2	61.3	51.5	146.	23.05	52.0	66.1	50.9	182.	02.05	51.8	56.8	50.6
111.	20.10	53.1	70.1	51.8	147.	23.10	54.0	71.7	51.0	183.	02.10	52.6	59.5	50.6
112.	20.15	52.3	53.6	51.8	148.	23.15	54.7	68.0	51.1	184.	02.15	51.3	60.4	49.6
113.	20.20	52.5	69.0	51.1	149.	23.20	52.4	65.7	50.6	185.	02.20	51.0	57.7	49.9
114.	20.25	51.8	53.3	51.2	150.	23.25	56.2	80.0	50.9	186.	02.25	51.2	66.8	49.8
115.	20.30	52.9	70.6	51.3	151.	23.30	52.8	66.5	50.9	187.	02.30	51.1	61.1	49.3
116.	20.35	53.4	72.5	51.4	152.	23.35	53.6	67.6	50.6	188.	02.35	52.1	60.4	50.6
117.	20.40	52.3	68.2	51.0	153.	23.40	52.5	69.4	50.4	189.	02.40	52.7	67.9	50.7
118.	20.45	52.0	53.8	51.3	154.	23.45	56.2	76.2	50.7	190.	02.45	53.5	58.3	50.7
119.	20.50	52.5	66.4	51.3	155.	23.50	57.5	80.4	50.8	191.	02.50	54.6	57.8	52.6
120.	20.55	51.8	63.2	51.1	156.	23.55	54.9	66.5	50.6	192.	02.55	53.1	54.2	52.5
121.	21.00	52.1	55.6	51.5	157.	00.00	56.0	78.5	49.8	193.	03.00	52.8	54.3	51.7
122.	21.05	64.4	77.7	51.6	158.	00.05	54.5	68.0	49.4	194.	03.05	52.1	52.7	51.5
123.	21.10	52.3	53.7	51.6	159.	00.10	57.0	77.6	44.3	195.	03.10	52.3	53.2	51.7
124.	21.15	55.1	79.1	51.6	160.	00.15	53.7	66.1	49.4	196.	03.15	52.1	53.4	51.4
125.	21.20	52.3	53.9	51.7	161.	00.20	53.2	60.9	50.4	197.	03.20	52.2	53.3	51.5
126.	21.25	52.4	54.2	51.7	162.	00.25	53.3	64.1	50.9	198.	03.25	52.8	53.8	52.1
127.	21.30	52.7	54.2	52.2	163.	00.30	55.4	78.2	51.3	199.	03.30	52.2	53.1	51.5
128.	21.35	54.5	75.3	51.8	164.	00.35	54.2	63.3	51.8	200.	03.35	52.2	53.0	51.7
129.	21.40	52.5	62.7	51.8	165.	00.40	54.2	72.1	50.5	201.	03.40	52.5	54.2	51.8
130.	21.45	53.4	67.9	51.8	166.	00.45	53.3	67.6	50.8	202.	03.45	51.4	52.2	50.8
131.	21.50	52.8	62.3	52.1	167.	00.50	54.8	69.8	49.2	203.	03.50	54.1	56.3	51.3
132.	21.55	53.5	66.4	52.2	168.	00.55	54.6	76.3	49.1	204.	03.55	54.9	56.1	54.3
133.	22.00	54.1	64.0	52.2	169.	01.00	53.7	70.3	49.2	205.	04.00	54.5	55.8	53.7
134.	22.05	53.0	65.5	52.2	170.	01.05	51.5	67.8	49.1	206.	04.05	53.5	67.5	50.0
135.	22.10	57.5	66.6	52.5	171.	01.10	52.0	74.6	49.3	207.	04.10	52.4	65.7	49.9
136.	22.15	53.0	59.4	52.1	172.	01.15	51.1	61.4	49.4	208.	04.15	54.7	73.2	50.3
137.	22.20	52.9	62.4	51.1	173.	01.20	50.4	63.0	48.9	209.	04.20	53.8	68.0	50.1
138.	22.25	52.9	66.7	51.2	174.	01.25	51.3	67.9	49.0	210.	04.25	53.3	71.7	49.9
139.	22.30	55.0	74.6	52.0	175.	01.30	51.6	64.8	49.1	211.	04.30	53.2	68.2	49.7
140.	22.35	55.5	76.6	51.6	176.	01.35	51.5	63.3	49.2	212.	04.35	53.1	69.0	50.2
141.	22.40	53.4	68.2	51.5	177.	01.40	50.7	59.8	49.5	213.	04.40	55.0	77.7	49.7
142.	22.45	54.8	73.5	51.6	178.	01.45	51.6	66.8	49.0	214.	04.45	56.0	69.1	50.5
143.	22.50	54.3	72.4	51.2	179.	01.50	52.6	68.4	49.3	215.	04.50	54.0	70.7	50.1
144.	22.55	52.2	59.6	51.4	180.	01.55	51.0	64.2	49.0	216.	04.55	54.1	70.2	50.3



**TET**

**Thai Environmental Technic Limited**  
**บริษัท เทคโนโลยีสิ่งแวดล้อมไทย 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))		
		02-03/11/23					02-03/11/23					02-03/11/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
217.	05.00	55.8	70.8	50.7	241.	07.00	55.7	69.9	50.0	265.	09.00	56.6	75.1	50.3
218.	05.05	55.5	74.9	50.5	242.	07.05	55.7	71.0	50.5	266.	09.05	62.9	84.5	50.3
219.	05.10	55.3	69.0	51.0	243.	07.10	57.2	72.1	51.1	267.	09.10	55.5	68.6	49.6
220.	05.15	55.7	69.7	50.4	244.	07.15	54.9	72.1	49.7	268.	09.15	57.9	78.0	53.0
221.	05.20	54.5	69.6	50.5	245.	07.20	55.9	69.9	49.8	269.	09.20	57.4	76.9	53.6
222.	05.25	55.2	70.8	50.4	246.	07.25	56.7	74.7	49.9	270.	09.25	65.1	88.5	52.6
223.	05.30	53.3	68.3	50.5	247.	07.30	57.1	73.9	50.4	271.	09.30	60.2	78.6	53.9
224.	05.35	58.3	77.1	51.1	248.	07.35	54.5	69.0	50.3	272.	09.35	59.9	80.3	53.4
225.	05.40	56.5	70.6	51.6	249.	07.40	57.5	73.4	50.3	273.	09.40	55.9	73.5	52.9
226.	05.45	59.0	81.3	51.5	250.	07.45	57.5	78.3	50.2	274.	09.45	55.2	73.7	52.1
227.	05.50	58.7	75.9	51.4	251.	07.50	55.7	70.0	50.5	275.	09.50	59.2	81.6	53.5
228.	05.55	60.2	80.2	51.5	252.	07.55	56.8	73.9	51.1	276.	09.55	59.1	78.9	53.7
229.	06.00	59.3	80.9	51.4	253.	08.00	55.4	72.2	50.8	277.	10.00	60.7	82.1	50.3
230.	06.05	57.8	70.8	51.6	254.	08.05	57.8	78.1	49.5	278.	10.05	58.2	77.0	53.0
231.	06.10	59.3	79.3	51.8	255.	08.10	60.8	83.7	50.1	279.	10.10	58.4	64.4	57.4
232.	06.15	57.1	71.9	51.7	256.	08.15	58.2	76.2	50.2	280.	10.15	58.5	63.1	57.6
233.	06.20	55.8	73.6	51.6	257.	08.20	58.1	79.1	50.3	281.	10.20	58.2	62.2	57.5
234.	06.25	56.8	73.2	51.7	258.	08.25	56.1	74.9	50.1	282.	10.25	58.4	69.9	57.4
235.	06.30	55.9	70.6	51.6	259.	08.30	55.8	71.3	50.6	283.	10.30	58.3	62.9	57.5
236.	06.35	55.1	70.2	50.9	260.	08.35	55.5	68.1	50.6	284.	10.35	58.0	60.1	57.4
237.	06.40	54.9	71.2	50.8	261.	08.40	55.7	71.8	50.4	285.	10.40	58.1	62.5	57.3
238.	06.45	55.9	70.0	50.9	262.	08.45	55.3	70.8	50.5	286.	10.45	58.2	61.4	57.6
239.	06.50	57.1	75.5	50.2	263.	08.50	58.0	76.6	50.5	287.	10.50	59.1	73.0	57.4
240.	06.55	57.2	72.6	49.9	264.	08.55	59.0	79.3	50.0	288.	10.55	57.7	59.4	57.2



General Manager



# Thai Environmental Technic Limited

## บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP  
 Project : โครงการผลิตลวดทองแดงส่วนขยาย ครั้งที่ 1  
 Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม  
 อำเภอบางปะกง จังหวัดฉะเชิงเทรา 24130  
 Contact : Tel. (038)-573 231-5  
 Job No. : S660063/Oct/1

Report No. : 3454/2023/1-7  
 Report Date : November 14, 2023  
 Sampling Date : October 27-November 3, 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))		
		27-28/10/23					27-28/10/23					27-28/10/23		
		Leq	Lmax	L90			Leq	Lmax	L90			Leq	Lmax	L90
1.	11.00	53.4	66.6	48.4	37.	14.00	53.9	74.1	49.0	73.	17.00	53.3	61.2	49.2
2.	11.05	51.6	63.6	47.3	38.	14.05	53.2	69.9	49.4	74.	17.05	53.3	61.7	48.6
3.	11.10	51.8	61.6	48.5	39.	14.10	52.2	60.1	50.3	75.	17.10	54.3	69.2	50.0
4.	11.15	55.0	70.7	50.9	40.	14.15	52.6	61.6	49.5	76.	17.15	52.7	62.5	48.1
5.	11.20	54.4	62.5	50.2	41.	14.20	52.1	64.2	48.2	77.	17.20	52.7	68.1	49.1
6.	11.25	53.8	65.6	49.0	42.	14.25	53.9	69.3	48.6	78.	17.25	54.0	68.2	49.9
7.	11.30	52.7	64.7	47.5	43.	14.30	51.8	65.2	48.0	79.	17.30	52.7	58.0	49.8
8.	11.35	51.0	63.4	46.6	44.	14.35	52.0	66.2	47.8	80.	17.35	55.4	69.7	52.7
9.	11.40	54.0	65.6	47.0	45.	14.40	52.5	68.3	49.1	81.	17.40	53.9	63.7	50.9
10.	11.45	54.6	64.9	48.0	46.	14.45	52.0	71.4	48.2	82.	17.45	52.5	62.6	49.6
11.	11.50	52.9	63.5	47.0	47.	14.50	53.0	63.6	49.2	83.	17.50	55.0	66.3	50.0
12.	11.55	51.0	62.5	46.6	48.	14.55	53.2	62.7	49.4	84.	17.55	54.3	70.2	49.7
13.	12.00	52.4	64.5	46.4	49.	15.00	53.1	64.9	49.3	85.	18.00	55.9	79.7	49.4
14.	12.05	60.0	67.6	47.6	50.	15.05	53.2	63.2	49.5	86.	18.05	52.0	60.2	49.0
15.	12.10	55.6	63.1	51.0	51.	15.10	51.5	58.3	49.2	87.	18.10	53.7	65.7	49.9
16.	12.15	56.1	64.5	52.0	52.	15.15	53.6	67.6	49.2	88.	18.15	53.4	63.4	50.8
17.	12.20	55.6	64.4	51.3	53.	15.20	53.1	62.4	48.0	89.	18.20	53.1	60.4	51.2
18.	12.25	53.4	62.7	49.3	54.	15.25	54.8	67.3	48.7	90.	18.25	53.4	61.6	51.4
19.	12.30	52.8	59.5	50.1	55.	15.30	53.0	65.0	48.6	91.	18.30	54.1	61.7	52.3
20.	12.35	54.5	63.5	51.0	56.	15.35	51.9	61.0	48.0	92.	18.35	57.7	69.3	53.6
21.	12.40	55.4	61.7	51.9	57.	15.40	53.0	63.7	49.0	93.	18.40	53.7	61.2	51.8
22.	12.45	54.2	71.9	49.9	58.	15.45	52.1	64.9	48.6	94.	18.45	55.7	76.8	51.8
23.	12.50	53.2	67.4	49.1	59.	15.50	53.5	65.9	48.7	95.	18.50	56.0	75.4	52.0
24.	12.55	53.3	70.8	48.9	60.	15.55	52.0	65.5	47.4	96.	18.55	55.6	60.2	54.0
25.	13.00	52.2	61.6	49.1	61.	16.00	53.7	64.5	48.9	97.	19.00	56.1	64.4	54.8
26.	13.05	52.3	71.8	49.2	62.	16.05	54.8	66.8	48.9	98.	19.05	56.5	62.8	55.0
27.	13.10	53.2	67.9	50.1	63.	16.10	54.0	66.7	49.8	99.	19.10	57.4	67.7	55.6
28.	13.15	54.1	71.5	49.9	64.	16.15	55.7	65.9	49.4	100.	19.15	56.7	66.4	55.3
29.	13.20	52.3	63.2	49.2	65.	16.20	57.2	63.8	51.1	101.	19.20	57.1	67.3	55.4
30.	13.25	53.5	64.9	50.2	66.	16.25	53.7	67.7	47.9	102.	19.25	57.2	66.9	55.1
31.	13.30	53.4	68.0	50.6	67.	16.30	53.1	64.9	48.2	103.	19.30	56.7	64.5	55.6
32.	13.35	53.1	61.9	50.0	68.	16.35	54.4	76.3	47.2	104.	19.35	56.6	69.5	54.5
33.	13.40	53.3	61.3	50.4	69.	16.40	57.3	71.3	50.5	105.	19.40	57.5	66.3	55.6
34.	13.45	54.2	68.8	50.1	70.	16.45	56.3	67.2	51.2	106.	19.45	56.9	61.2	55.8
35.	13.50	52.5	61.5	49.6	71.	16.50	56.6	70.4	50.0	107.	19.50	56.0	64.1	54.2
36.	13.55	53.1	64.3	50.0	72.	16.55	54.6	67.4	50.0	108.	19.55	55.7	66.6	54.1



**TET**

**Thai Environmental Technic Limited**  
**บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด**

(1/2-3)

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))		
		27-28/10/23					27-28/10/23					27-28/10/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
109.	20.00	55.5	65.0	53.4	145.	23.00	54.0	68.2	50.9	181.	02.00	53.6	71.6	51.4
110.	20.05	55.4	62.9	53.1	146.	23.05	52.7	61.6	50.6	182.	02.05	52.5	66.2	50.7
111.	20.10	55.7	63.3	53.4	147.	23.10	53.3	56.9	51.8	183.	02.10	51.4	54.1	50.2
112.	20.15	54.5	58.4	52.9	148.	23.15	53.5	62.7	51.5	184.	02.15	55.1	72.1	51.4
113.	20.20	54.7	61.5	53.0	149.	23.20	54.4	69.2	51.5	185.	02.20	53.1	62.6	50.8
114.	20.25	54.4	60.4	53.1	150.	23.25	53.9	64.0	51.7	186.	02.25	51.2	57.8	48.9
115.	20.30	54.7	61.4	53.2	151.	23.30	54.3	66.9	50.2	187.	02.30	49.3	54.6	46.9
116.	20.35	55.4	66.9	52.2	152.	23.35	52.5	61.9	50.2	188.	02.35	52.1	60.2	49.2
117.	20.40	54.8	65.4	52.3	153.	23.40	55.4	72.2	50.1	189.	02.40	52.7	61.8	50.1
118.	20.45	56.5	70.3	52.4	154.	23.45	51.3	55.3	49.5	190.	02.45	50.3	56.6	48.3
119.	20.50	55.9	69.0	51.1	155.	23.50	53.7	66.9	49.6	191.	02.50	49.2	55.4	47.2
120.	20.55	53.0	61.1	50.8	156.	23.55	53.1	65.6	50.1	192.	02.55	49.5	57.8	46.8
121.	21.00	54.5	69.0	52.2	157.	00.00	50.9	58.5	49.0	193.	03.00	50.9	61.1	48.4
122.	21.05	53.9	58.5	52.3	158.	00.05	51.3	61.3	49.3	194.	03.05	51.1	64.8	48.3
123.	21.10	53.8	60.7	52.4	159.	00.10	50.3	55.2	48.6	195.	03.10	50.5	61.7	48.0
124.	21.15	54.3	60.1	52.9	160.	00.15	50.3	57.1	49.1	196.	03.15	49.5	53.1	47.8
125.	21.20	54.6	57.7	53.3	161.	00.20	50.9	60.1	48.3	197.	03.20	50.3	57.1	47.8
126.	21.25	55.2	69.2	51.0	162.	00.25	50.3	60.6	47.3	198.	03.25	50.7	68.2	47.7
127.	21.30	52.6	65.4	49.5	163.	00.30	51.4	63.5	48.9	199.	03.30	50.2	59.3	46.7
128.	21.35	52.2	56.6	50.7	164.	00.35	56.2	73.3	50.2	200.	03.35	49.6	58.6	46.7
129.	21.40	55.2	67.4	50.9	165.	00.40	50.9	58.0	49.5	201.	03.40	50.1	55.7	47.4
130.	21.45	52.4	57.1	50.9	166.	00.45	52.3	69.5	50.4	202.	03.45	50.9	57.6	48.1
131.	21.50	53.3	56.1	51.9	167.	00.50	54.1	67.8	51.3	203.	03.50	52.3	58.6	49.5
132.	21.55	54.9	67.4	52.0	168.	00.55	53.5	64.1	50.7	204.	03.55	50.4	56.8	47.9
133.	22.00	53.8	63.7	51.0	169.	01.00	53.5	65.6	51.1	205.	04.00	50.5	56.0	48.4
134.	22.05	52.9	58.6	50.6	170.	01.05	53.1	58.2	50.6	206.	04.05	50.6	59.4	48.5
135.	22.10	52.5	60.2	50.1	171.	01.10	53.8	56.7	52.7	207.	04.10	50.9	54.8	48.9
136.	22.15	54.1	63.5	51.4	172.	01.15	53.4	56.7	52.1	208.	04.15	52.8	64.6	50.0
137.	22.20	54.5	65.2	52.2	173.	01.20	52.5	56.3	51.1	209.	04.20	51.6	57.0	49.6
138.	22.25	54.4	66.2	51.9	174.	01.25	53.0	63.9	51.7	210.	04.25	52.3	58.0	50.0
139.	22.30	53.0	58.5	51.2	175.	01.30	53.9	63.5	50.7	211.	04.30	52.6	58.3	50.2
140.	22.35	51.7	60.0	48.2	176.	01.35	53.0	60.2	51.7	212.	04.35	52.3	56.9	50.2
141.	22.40	52.1	57.4	49.3	177.	01.40	53.8	63.6	51.5	213.	04.40	53.5	63.8	50.4
142.	22.45	53.3	57.8	51.5	178.	01.45	58.0	78.8	51.7	214.	04.45	53.6	62.0	50.8
143.	22.50	52.0	59.1	50.7	179.	01.50	52.5	60.9	51.3	215.	04.50	53.1	58.0	51.0
144.	22.55	52.9	56.1	51.1	180.	01.55	52.4	59.0	51.1	216.	04.55	53.5	59.0	50.8



Thai Environmental Technic Limited  
บริษัท เทคนิคสิ่งแวดล้อมไทย 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))		
		27-28/10/23					27-28/10/23					27-28/10/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
217.	05.00	53.2	62.5	50.5	241.	07.00	56.0	73.1	49.6	265.	09.00	53.1	68.3	45.5
218.	05.05	53.7	64.9	50.3	242.	07.05	53.5	68.1	48.3	266.	09.05	53.4	67.7	45.9
219.	05.10	53.5	64.5	50.2	243.	07.10	54.5	64.8	48.3	267.	09.10	52.1	63.3	47.5
220.	05.15	53.1	61.7	50.0	244.	07.15	54.9	68.0	48.1	268.	09.15	51.6	62.3	46.8
221.	05.20	52.6	63.2	49.9	245.	07.20	52.4	65.0	47.8	269.	09.20	51.7	61.8	46.6
222.	05.25	52.7	60.0	49.5	246.	07.25	51.9	67.0	46.7	270.	09.25	54.8	70.7	47.2
223.	05.30	53.2	62.1	48.8	247.	07.30	53.5	63.0	46.9	271.	09.30	52.6	67.6	46.2
224.	05.35	52.6	61.1	49.2	248.	07.35	54.3	64.0	46.7	272.	09.35	51.9	65.8	46.1
225.	05.40	53.4	72.3	48.7	249.	07.40	54.1	66.7	48.3	273.	09.40	53.0	65.5	45.9
226.	05.45	52.2	59.5	49.0	250.	07.45	53.2	62.9	47.6	274.	09.45	53.4	64.8	47.6
227.	05.50	52.8	58.9	49.7	251.	07.50	55.3	70.6	48.2	275.	09.50	53.4	69.6	46.1
228.	05.55	53.2	66.7	50.0	252.	07.55	51.2	70.6	46.9	276.	09.55	51.8	63.0	46.1
229.	06.00	53.8	61.8	50.8	253.	08.00	52.0	60.5	46.6	277.	10.00	52.1	64.6	46.2
230.	06.05	54.2	64.4	50.3	254.	08.05	53.6	63.5	47.5	278.	10.05	54.1	72.5	46.4
231.	06.10	54.0	62.7	50.4	255.	08.10	51.7	67.2	45.7	279.	10.10	53.7	73.1	46.1
232.	06.15	55.6	69.6	49.9	256.	08.15	54.0	67.9	46.0	280.	10.15	53.9	65.8	47.8
233.	06.20	54.7	61.7	49.9	257.	08.20	52.5	66.9	45.2	281.	10.20	54.2	67.8	47.2
234.	06.25	54.1	64.6	47.2	258.	08.25	51.1	61.1	44.8	282.	10.25	52.1	63.9	47.0
235.	06.30	54.2	67.0	49.3	259.	08.30	50.3	63.4	44.1	283.	10.30	51.4	62.5	46.8
236.	06.35	53.4	61.7	48.9	260.	08.35	53.4	67.2	44.9	284.	10.35	52.2	63.2	46.7
237.	06.40	54.3	62.5	48.6	261.	08.40	52.7	70.5	44.1	285.	10.40	51.3	60.9	46.5
238.	06.45	56.2	67.0	50.9	262.	08.45	52.3	63.7	44.2	286.	10.45	52.4	66.8	47.4
239.	06.50	53.9	63.9	48.8	263.	08.50	53.5	69.8	45.1	287.	10.50	51.7	61.1	48.1
240.	06.55	53.8	65.1	49.3	264.	08.55	54.6	72.2	47.0	288.	10.55	51.7	62.8	48.6



General Manager



**TET**

# Thai Environmental Technic Limited

## บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP  
 Project : โครงการผลิตขวดทองแดงส่วนขยาย ครั้งที่ 1  
 Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม  
 อำเภอบางปะกง จังหวัดฉะเชิงเทรา 24130  
 Contact : Tel. (038)-573 231-5  
 Job No. : S660063/Oct/1

Report No. : 3454/2023/2-7  
 Report Date : November 14, 2023  
 Sampling Date : October 27-November 3, 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))		
		28-29/10/23					28-29/10/23					28-29/10/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
1.	11.00	51.5	62.1	47.3	37.	14.00	52.5	65.0	47.9	73.	17.00	53.6	65.9	48.8
2.	11.05	51.6	59.5	47.4	38.	14.05	52.1	63.3	47.8	74.	17.05	54.9	71.2	49.2
3.	11.10	54.0	67.7	48.7	39.	14.10	52.4	66.1	48.4	75.	17.10	54.9	70.2	48.7
4.	11.15	51.6	62.8	47.4	40.	14.15	53.4	67.6	49.7	76.	17.15	52.4	61.3	48.8
5.	11.20	53.6	63.1	50.1	41.	14.20	51.4	66.5	47.7	77.	17.20	53.1	71.3	48.4
6.	11.25	52.7	65.9	47.5	42.	14.25	52.0	65.8	47.9	78.	17.25	57.9	75.6	49.2
7.	11.30	52.5	62.0	49.2	43.	14.30	52.0	66.5	47.5	79.	17.30	52.6	59.5	49.5
8.	11.35	53.9	66.2	50.0	44.	14.35	52.2	69.2	48.8	80.	17.35	54.4	64.5	50.1
9.	11.40	53.0	60.2	50.0	45.	14.40	53.1	64.6	50.3	81.	17.40	55.4	71.4	50.4
10.	11.45	53.9	65.8	50.4	46.	14.45	54.8	62.0	51.4	82.	17.45	54.1	63.8	50.6
11.	11.50	53.9	64.9	49.5	47.	14.50	52.7	61.5	48.9	83.	17.50	55.7	69.9	50.1
12.	11.55	51.9	63.1	48.5	48.	14.55	54.1	66.8	49.4	84.	17.55	53.9	65.1	50.4
13.	12.00	51.1	60.1	48.0	49.	15.00	52.8	62.6	47.1	85.	18.00	52.1	63.5	49.4
14.	12.05	53.0	64.6	48.6	50.	15.05	51.8	65.3	47.2	86.	18.05	53.1	58.7	49.6
15.	12.10	52.8	64.3	49.3	51.	15.10	53.3	70.0	47.2	87.	18.10	53.4	61.7	50.5
16.	12.15	53.6	66.7	50.4	52.	15.15	53.1	68.5	46.8	88.	18.15	54.3	67.7	48.9
17.	12.20	53.1	64.0	48.6	53.	15.20	51.9	63.3	47.3	89.	18.20	57.7	73.5	51.0
18.	12.25	55.5	70.3	50.0	54.	15.25	54.5	71.4	47.5	90.	18.25	52.6	61.9	49.0
19.	12.30	54.4	67.4	50.0	55.	15.30	53.0	66.6	48.5	91.	18.30	52.8	62.6	48.9
20.	12.35	53.9	65.3	49.3	56.	15.35	51.6	63.5	47.7	92.	18.35	52.9	60.4	50.1
21.	12.40	52.8	64.9	48.8	57.	15.40	52.8	63.7	48.1	93.	18.40	52.7	58.0	50.3
22.	12.45	52.7	64.5	48.4	58.	15.45	51.7	62.2	47.4	94.	18.45	53.0	60.1	50.3
23.	12.50	52.8	67.4	48.0	59.	15.50	53.3	66.1	47.2	95.	18.50	53.8	61.8	50.5
24.	12.55	51.9	64.4	48.4	60.	15.55	53.9	69.9	47.0	96.	18.55	54.2	66.5	50.0
25.	13.00	51.7	61.4	48.7	61.	16.00	52.4	67.2	45.7	97.	19.00	56.6	77.4	48.6
26.	13.05	52.4	62.3	48.8	62.	16.05	50.9	65.6	46.6	98.	19.05	52.9	63.0	49.5
27.	13.10	54.6	67.6	49.8	63.	16.10	53.8	64.0	48.1	99.	19.10	57.9	78.6	50.7
28.	13.15	53.1	66.9	49.5	64.	16.15	56.2	74.5	49.9	100.	19.15	53.5	66.0	49.2
29.	13.20	52.9	67.6	47.9	65.	16.20	53.2	62.8	48.7	101.	19.20	53.1	63.0	49.3
30.	13.25	51.6	65.0	46.9	66.	16.25	53.6	64.4	48.5	102.	19.25	56.1	76.0	48.5
31.	13.30	51.1	61.7	46.4	67.	16.30	54.0	61.8	49.5	103.	19.30	51.9	59.2	49.2
32.	13.35	49.9	59.1	46.0	68.	16.35	53.3	64.8	48.2	104.	19.35	60.0	80.1	49.7
33.	13.40	52.4	66.8	46.8	69.	16.40	53.4	67.2	48.2	105.	19.40	53.2	65.5	49.4
34.	13.45	53.2	66.9	47.4	70.	16.45	55.3	68.9	49.6	106.	19.45	51.8	62.1	49.2
35.	13.50	51.6	66.1	46.7	71.	16.50	52.9	62.7	48.9	107.	19.50	51.6	60.3	49.0
36.	13.55	53.5	70.4	47.8	72.	16.55	51.6	57.9	48.1	108.	19.55	52.0	60.0	49.7

**TET**

**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))		
		28-29/10/23					28-29/10/23					28-29/10/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
109.	20.00	51.4	56.1	49.2	145.	23.00	49.0	56.2	47.8	181.	02.00	52.0	66.2	49.0
110.	20.05	52.5	66.6	49.1	146.	23.05	50.4	59.6	48.4	182.	02.05	51.0	55.4	49.1
111.	20.10	52.2	64.3	49.7	147.	23.10	49.4	57.1	47.4	183.	02.10	57.1	63.1	52.1
112.	20.15	52.9	62.3	50.4	148.	23.15	50.0	55.7	48.4	184.	02.15	52.9	61.5	49.3
113.	20.20	52.4	64.1	50.2	149.	23.20	49.3	59.1	47.0	185.	02.20	57.1	64.1	50.5
114.	20.25	51.8	57.3	50.1	150.	23.25	49.9	66.0	46.8	186.	02.25	57.8	64.4	51.5
115.	20.30	51.7	56.8	50.3	151.	23.30	48.9	62.3	46.5	187.	02.30	52.0	56.6	49.4
116.	20.35	57.1	79.2	50.6	152.	23.35	49.3	58.9	46.6	188.	02.35	50.9	53.6	49.4
117.	20.40	52.3	59.6	50.7	153.	23.40	48.0	54.8	45.1	189.	02.40	50.7	54.2	49.2
118.	20.45	53.2	57.2	52.1	154.	23.45	48.9	55.9	47.8	190.	02.45	51.5	61.0	49.6
119.	20.50	56.5	68.5	53.0	155.	23.50	49.7	62.9	47.7	191.	02.50	52.4	57.7	50.4
120.	20.55	55.4	59.2	54.2	156.	23.55	49.9	59.0	48.3	192.	02.55	52.9	58.6	50.5
121.	21.00	57.1	70.2	54.1	157.	00.00	50.3	61.1	48.6	193.	03.00	52.9	59.4	50.4
122.	21.05	55.9	60.6	53.2	158.	00.05	50.0	58.1	48.5	194.	03.05	53.0	60.7	50.5
123.	21.10	57.0	62.2	54.5	159.	00.10	51.5	71.1	47.9	195.	03.10	52.9	62.3	49.9
124.	21.15	58.4	62.4	56.5	160.	00.15	49.1	56.7	47.5	196.	03.15	50.1	53.4	48.7
125.	21.20	56.4	61.2	55.1	161.	00.20	50.9	61.9	48.1	197.	03.20	50.1	54.1	48.7
126.	21.25	54.4	61.5	53.0	162.	00.25	50.1	58.2	47.9	198.	03.25	49.7	54.5	48.0
127.	21.30	54.1	58.8	52.6	163.	00.30	50.8	56.2	48.9	199.	03.30	51.6	55.3	50.3
128.	21.35	57.5	61.9	55.1	164.	00.35	50.6	57.4	48.9	200.	03.35	51.9	55.9	50.5
129.	21.40	56.3	59.0	55.3	165.	00.40	50.5	55.6	49.0	201.	03.40	51.3	55.6	50.0
130.	21.45	54.9	58.8	54.0	166.	00.45	52.0	65.6	49.3	202.	03.45	52.3	63.2	50.1
131.	21.50	54.2	61.5	52.8	167.	00.50	50.2	54.8	48.4	203.	03.50	52.0	56.8	50.4
132.	21.55	52.8	59.5	51.0	168.	00.55	50.2	61.3	48.5	204.	03.55	51.8	56.0	50.4
133.	22.00	52.0	60.1	50.9	169.	01.00	50.5	57.6	48.6	205.	04.00	53.8	59.9	51.2
134.	22.05	51.2	54.5	50.1	170.	01.05	49.6	61.7	47.2	206.	04.05	53.1	58.5	50.4
135.	22.10	51.4	57.5	49.7	171.	01.10	50.2	55.4	48.4	207.	04.10	52.5	59.1	50.6
136.	22.15	51.2	57.5	49.2	172.	01.15	52.7	67.1	48.3	208.	04.15	52.8	61.6	50.7
137.	22.20	51.1	63.5	49.2	173.	01.20	51.4	58.5	48.3	209.	04.20	52.4	59.1	50.7
138.	22.25	50.6	55.2	49.0	174.	01.25	52.0	60.9	48.9	210.	04.25	52.6	62.4	50.9
139.	22.30	50.3	57.6	48.6	175.	01.30	52.5	59.1	49.5	211.	04.30	53.0	62.3	50.9
140.	22.35	50.7	64.8	47.6	176.	01.35	50.6	56.8	48.5	212.	04.35	52.6	58.2	50.8
141.	22.40	49.7	54.9	47.9	177.	01.40	51.1	60.8	47.4	213.	04.40	52.5	62.1	50.9
142.	22.45	51.4	65.9	48.0	178.	01.45	49.8	58.2	47.5	214.	04.45	52.1	57.2	50.8
143.	22.50	50.0	58.2	48.3	179.	01.50	50.0	53.7	48.1	215.	04.50	52.2	61.3	50.3
144.	22.55	51.7	66.8	47.8	180.	01.55	51.2	55.3	49.4	216.	04.55	52.1	59.1	49.8



**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))		
		28-29/10/23					28-29/10/23					28-29/10/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
217.	05.00	51.1	57.0	49.1	241.	07.00	51.1	57.5	47.7	265.	09.00	50.3	64.6	44.2
218.	05.05	51.4	60.1	48.8	242.	07.05	51.8	60.9	47.2	266.	09.05	53.0	63.8	45.6
219.	05.10	50.6	58.0	47.8	243.	07.10	50.9	59.0	47.2	267.	09.10	51.0	64.8	45.2
220.	05.15	50.7	61.9	47.8	244.	07.15	52.9	66.7	47.4	268.	09.15	50.4	63.3	44.7
221.	05.20	51.7	60.1	48.2	245.	07.20	52.3	60.1	47.2	269.	09.20	50.3	61.5	45.1
222.	05.25	50.8	57.1	47.4	246.	07.25	54.1	66.2	48.2	270.	09.25	52.7	62.5	46.7
223.	05.30	51.0	61.0	47.1	247.	07.30	53.2	66.1	48.4	271.	09.30	52.7	61.6	47.9
224.	05.35	51.3	64.9	47.7	248.	07.35	52.9	62.2	49.3	272.	09.35	60.9	80.6	47.3
225.	05.40	53.2	67.6	48.6	249.	07.40	52.1	62.9	48.2	273.	09.40	52.1	66.7	44.7
226.	05.45	52.0	65.4	47.6	250.	07.45	52.6	67.1	45.8	274.	09.45	51.7	65.1	46.8
227.	05.50	51.3	63.4	47.7	251.	07.50	53.5	68.7	46.1	275.	09.50	50.0	58.3	44.7
228.	05.55	51.1	59.9	47.4	252.	07.55	52.2	63.5	47.1	276.	09.55	51.4	62.0	45.4
229.	06.00	50.4	57.1	46.6	253.	08.00	51.1	58.9	46.5	277.	10.00	50.9	57.5	46.5
230.	06.05	50.9	58.9	46.9	254.	08.05	51.1	62.2	47.1	278.	10.05	50.9	60.6	45.0
231.	06.10	51.4	62.6	47.2	255.	08.10	52.2	60.0	46.2	279.	10.10	52.1	65.4	45.9
232.	06.15	52.0	62.6	46.9	256.	08.15	50.2	61.7	44.6	280.	10.15	52.6	64.9	45.3
233.	06.20	52.0	65.4	47.6	257.	08.20	53.4	72.6	46.7	281.	10.20	51.5	63.2	45.7
234.	06.25	53.1	62.9	49.6	258.	08.25	53.9	72.8	46.9	282.	10.25	51.6	63.5	45.4
235.	06.30	53.5	62.6	50.2	259.	08.30	51.0	60.6	46.2	283.	10.30	52.9	64.2	47.4
236.	06.35	55.5	63.6	50.0	260.	08.35	50.8	58.2	46.3	284.	10.35	51.0	59.7	46.7
237.	06.40	56.0	63.6	52.5	261.	08.40	56.2	72.2	46.2	285.	10.40	53.6	63.8	48.9
238.	06.45	59.0	65.2	53.5	262.	08.45	58.9	76.9	46.1	286.	10.45	52.2	63.8	46.2
239.	06.50	53.9	64.2	47.8	263.	08.50	51.0	60.5	45.5	287.	10.50	52.4	67.0	46.0
240.	06.55	55.7	71.5	47.0	264.	08.55	49.3	60.1	43.6	288.	10.55	52.5	63.9	45.7



General Manager

**TET**

# Thai Environmental Technic Limited

## บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP  
 Project : โครงการผลิตขวดทองแดงส่วนขยาย ครั้งที่ 1  
 Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม  
 อำเภอบางปะกง จังหวัดฉะเชิงเทรา 24130  
 Contact : Tel. (038)-573 231-5  
 Job No. : S660063/Oct/1

Report No. : 3454/2023/3-7  
 Report Date : November 14, 2023  
 Sampling Date : October 27-November 3, 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))		
		29-30/10/23					29-30/10/23					29-30/10/23		
		Leq	Lmax	L90			Leq	Lmax	L90			Leq	Lmax	L90
1.	11.00	53.2	64.9	47.2	37.	14.00	51.6	65.9	47.9	73.	17.00	54.8	59.5	53.3
2.	11.05	51.9	64.9	45.4	38.	14.05	51.2	63.6	47.2	74.	17.05	56.1	60.8	54.5
3.	11.10	51.5	62.2	45.2	39.	14.10	52.2	64.3	47.2	75.	17.10	56.3	61.8	54.6
4.	11.15	52.5	62.1	46.4	40.	14.15	50.3	60.9	47.1	76.	17.15	56.2	62.0	54.6
5.	11.20	52.0	68.9	44.9	41.	14.20	61.6	87.8	47.4	77.	17.20	56.7	66.2	53.4
6.	11.25	53.3	70.2	45.1	42.	14.25	50.6	63.2	46.7	78.	17.25	56.2	64.5	54.1
7.	11.30	52.6	68.8	44.7	43.	14.30	51.6	70.8	46.4	79.	17.30	55.7	62.7	53.8
8.	11.35	56.9	67.6	47.0	44.	14.35	51.6	64.6	47.3	80.	17.35	55.9	64.3	54.0
9.	11.40	52.6	66.0	45.2	45.	14.40	51.1	59.1	47.1	81.	17.40	55.7	67.8	53.6
10.	11.45	54.8	70.8	47.4	46.	14.45	50.2	58.2	46.7	82.	17.45	54.9	59.8	53.2
11.	11.50	52.3	61.5	47.1	47.	14.50	52.3	63.6	47.5	83.	17.50	53.9	61.5	50.4
12.	11.55	53.0	66.2	47.9	48.	14.55	52.1	64.1	47.1	84.	17.55	52.4	57.7	50.3
13.	12.00	53.2	69.8	46.4	49.	15.00	51.6	67.0	46.3	85.	18.00	53.0	64.0	50.1
14.	12.05	53.2	65.0	47.5	50.	15.05	50.7	61.7	46.3	86.	18.05	53.4	65.3	50.6
15.	12.10	52.4	61.3	46.9	51.	15.10	50.9	59.1	46.4	87.	18.10	53.9	60.7	51.0
16.	12.15	52.7	61.6	47.5	52.	15.15	51.9	66.0	46.5	88.	18.15	55.2	69.3	51.3
17.	12.20	58.5	72.8	47.2	53.	15.20	52.4	63.0	46.9	89.	18.20	56.4	71.6	52.2
18.	12.25	49.3	57.8	45.7	54.	15.25	50.9	58.2	46.6	90.	18.25	52.9	57.9	51.2
19.	12.30	52.2	64.0	47.3	55.	15.30	51.7	64.2	46.7	91.	18.30	54.8	70.0	52.0
20.	12.35	52.7	64.9	47.4	56.	15.35	50.9	68.6	46.3	92.	18.35	54.0	61.1	52.0
21.	12.40	51.8	64.0	46.1	57.	15.40	51.8	64.9	46.2	93.	18.40	54.2	63.2	52.1
22.	12.45	51.6	63.5	47.1	58.	15.45	51.3	59.3	46.9	94.	18.45	54.3	62.1	52.7
23.	12.50	53.1	61.8	47.0	59.	15.50	52.6	64.5	47.6	95.	18.50	56.1	70.8	52.2
24.	12.55	52.7	60.2	48.8	60.	15.55	52.7	66.8	47.5	96.	18.55	53.4	57.2	50.9
25.	13.00	52.0	67.2	47.2	61.	16.00	51.3	58.6	47.1	97.	19.00	54.3	60.9	50.2
26.	13.05	51.7	63.4	45.9	62.	16.05	51.1	58.1	48.0	98.	19.05	53.2	63.8	48.6
27.	13.10	51.5	64.9	46.2	63.	16.10	52.4	65.8	47.7	99.	19.10	53.1	69.3	49.0
28.	13.15	50.0	61.8	46.7	64.	16.15	51.1	56.9	47.7	100.	19.15	53.2	57.6	51.3
29.	13.20	51.1	66.5	47.1	65.	16.20	53.6	67.0	47.8	101.	19.20	53.5	58.4	51.6
30.	13.25	51.1	60.0	47.7	66.	16.25	53.2	66.5	46.6	102.	19.25	53.5	63.1	51.7
31.	13.30	51.4	63.0	47.1	67.	16.30	51.2	67.6	47.2	103.	19.30	54.9	66.8	52.7
32.	13.35	50.5	59.1	47.2	68.	16.35	51.6	64.4	47.8	104.	19.35	54.8	62.9	52.8
33.	13.40	51.8	69.4	47.4	69.	16.40	51.5	58.7	47.7	105.	19.40	54.9	65.1	52.7
34.	13.45	52.5	67.6	47.3	70.	16.45	49.7	60.5	44.7	106.	19.45	54.9	66.6	52.9
35.	13.50	52.8	61.3	47.9	71.	16.50	50.5	58.6	46.4	107.	19.50	60.0	77.5	52.9
36.	13.55	54.0	69.6	49.0	72.	16.55	54.1	65.9	48.2	108.	19.55	54.6	65.4	53.1



**TET**

**Thai Environmental Technic Limited**  
**บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด**

(3/2-3)

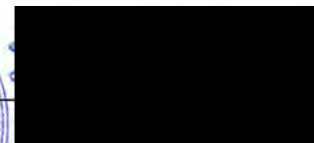
บ้านใกล้ด้านหน้าโครงการ														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		29-30/10/23					29-30/10/23					29-30/10/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
109.	20.00	53.9	59.9	52.6	145.	23.00	51.4	71.3	45.1	181.	02.00	51.5	55.4	49.9
110.	20.05	54.7	62.5	53.3	146.	23.05	46.9	54.8	44.9	182.	02.05	52.0	65.1	49.6
111.	20.10	55.7	67.0	53.8	147.	23.10	48.8	59.3	45.8	183.	02.10	52.9	61.5	50.2
112.	20.15	55.0	59.5	53.6	148.	23.15	47.5	53.6	45.3	184.	02.15	56.8	71.1	49.7
113.	20.20	55.5	61.3	54.1	149.	23.20	49.2	58.7	45.0	185.	02.20	52.0	61.2	49.6
114.	20.25	54.9	59.8	53.8	150.	23.25	50.2	56.7	45.6	186.	02.25	51.4	56.3	49.6
115.	20.30	54.4	58.2	53.2	151.	23.30	51.8	64.9	46.6	187.	02.30	51.6	56.6	49.6
116.	20.35	55.0	62.0	53.6	152.	23.35	52.0	58.6	47.7	188.	02.35	52.1	57.9	50.1
117.	20.40	54.2	59.7	52.7	153.	23.40	52.5	67.0	47.2	189.	02.40	51.0	54.1	49.1
118.	20.45	55.0	66.9	53.3	154.	23.45	49.8	56.0	46.7	190.	02.45	51.4	58.4	49.0
119.	20.50	54.3	57.1	52.9	155.	23.50	49.0	55.2	45.6	191.	02.50	51.9	58.8	49.8
120.	20.55	53.9	58.6	52.4	156.	23.55	49.8	56.6	46.1	192.	02.55	52.6	61.5	50.2
121.	21.00	52.6	58.2	47.4	157.	00.00	50.6	57.6	47.9	193.	03.00	52.6	59.4	50.7
122.	21.05	55.2	70.5	47.3	158.	00.05	53.0	62.0	50.9	194.	03.05	51.4	55.2	49.9
123.	21.10	52.4	65.0	46.8	159.	00.10	51.3	55.8	48.9	195.	03.10	52.1	63.7	50.2
124.	21.15	48.1	56.4	45.8	160.	00.15	48.8	53.9	46.2	196.	03.15	52.4	59.8	50.7
125.	21.20	56.9	75.8	47.2	161.	00.20	47.5	53.4	45.6	197.	03.20	52.0	59.1	49.7
126.	21.25	50.1	61.0	46.4	162.	00.25	48.6	60.7	45.9	198.	03.25	53.3	67.5	50.8
127.	21.30	48.8	57.2	46.2	163.	00.30	48.4	54.1	46.4	199.	03.30	53.7	67.5	51.5
128.	21.35	50.2	61.5	47.0	164.	00.35	47.0	51.3	45.4	200.	03.35	54.4	66.2	51.2
129.	21.40	50.6	58.4	47.1	165.	00.40	47.9	55.4	46.0	201.	03.40	52.3	56.8	50.8
130.	21.45	52.4	68.1	46.8	166.	00.45	48.9	53.3	46.6	202.	03.45	53.5	60.2	51.2
131.	21.50	51.9	60.4	47.3	167.	00.50	51.4	57.5	47.4	203.	03.50	54.4	60.5	51.9
132.	21.55	49.6	58.5	46.7	168.	00.55	51.3	58.7	47.2	204.	03.55	53.4	60.0	51.1
133.	22.00	48.1	57.7	46.3	169.	01.00	48.3	55.1	45.9	205.	04.00	52.5	60.5	50.2
134.	22.05	48.5	58.8	45.8	170.	01.05	48.3	53.4	45.8	206.	04.05	53.5	60.9	50.7
135.	22.10	47.9	56.0	45.9	171.	01.10	52.2	60.2	48.8	207.	04.10	52.5	58.3	50.5
136.	22.15	48.9	55.9	46.4	172.	01.15	55.3	62.3	51.3	208.	04.15	52.7	61.4	50.2
137.	22.20	49.2	58.9	45.8	173.	01.20	56.1	64.4	53.0	209.	04.20	54.0	64.6	50.4
138.	22.25	47.9	55.7	45.6	174.	01.25	54.4	63.3	50.9	210.	04.25	52.5	60.0	49.4
139.	22.30	53.1	67.6	45.4	175.	01.30	54.2	69.2	50.5	211.	04.30	53.0	59.4	48.3
140.	22.35	49.5	58.6	45.4	176.	01.35	55.6	69.6	51.5	212.	04.35	55.1	65.1	50.5
141.	22.40	48.0	56.0	45.8	177.	01.40	52.6	57.6	51.3	213.	04.40	54.4	66.8	50.0
142.	22.45	46.3	51.0	45.1	178.	01.45	57.7	71.2	51.7	214.	04.45	56.3	70.8	49.8
143.	22.50	48.1	56.9	45.3	179.	01.50	53.4	71.6	49.9	215.	04.50	54.6	62.0	50.7
144.	22.55	57.9	74.2	45.1	180.	01.55	52.4	66.1	49.9	216.	04.55	53.6	61.6	49.4

**TET**

**Thai Environmental Technic Limited**  
**บริษัท เทคนิคสิ่งแวดล้อมไทย 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))		
		29-30/10/23					29-30/10/23					29-30/10/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
217.	05.00	55.7	65.2	50.7	241.	07.00	54.8	68.1	48.1	265.	09.00	55.4	71.6	47.1
218.	05.05	55.3	60.4	52.4	242.	07.05	53.7	62.0	45.9	266.	09.05	50.9	63.8	46.2
219.	05.10	56.2	71.7	52.0	243.	07.10	53.4	63.2	47.6	267.	09.10	51.9	63.2	45.9
220.	05.15	55.8	66.0	51.8	244.	07.15	53.7	70.8	47.0	268.	09.15	50.8	58.7	46.9
221.	05.20	57.2	71.1	52.9	245.	07.20	54.6	68.4	47.5	269.	09.20	51.2	78.3	45.1
222.	05.25	57.6	66.9	52.5	246.	07.25	53.5	66.5	48.6	270.	09.25	50.8	60.9	45.5
223.	05.30	56.0	63.1	53.1	247.	07.30	53.5	68.9	46.9	271.	09.30	51.2	63.6	46.2
224.	05.35	56.7	68.8	52.8	248.	07.35	52.5	66.8	47.7	272.	09.35	54.1	67.0	45.7
225.	05.40	56.0	63.3	52.9	249.	07.40	53.5	73.1	45.6	273.	09.40	53.5	66.3	45.7
226.	05.45	57.2	64.7	54.6	250.	07.45	55.0	65.2	48.4	274.	09.45	53.9	67.7	46.3
227.	05.50	57.0	67.6	53.3	251.	07.50	54.2	73.4	48.1	275.	09.50	52.7	68.4	45.1
228.	05.55	56.6	65.6	52.7	252.	07.55	56.1	74.8	48.3	276.	09.55	53.1	66.8	46.8
229.	06.00	56.8	62.0	54.0	253.	08.00	54.7	65.6	47.4	277.	10.00	52.6	73.3	46.2
230.	06.05	57.4	66.4	53.6	254.	08.05	58.5	78.8	48.9	278.	10.05	51.9	68.3	45.4
231.	06.10	58.3	73.5	52.3	255.	08.10	53.4	72.0	46.6	279.	10.10	53.2	70.2	47.3
232.	06.15	58.6	69.2	52.2	256.	08.15	53.1	59.3	47.2	280.	10.15	56.3	72.1	51.7
233.	06.20	55.4	67.1	51.1	257.	08.20	53.1	65.1	47.3	281.	10.20	54.3	70.1	46.2
234.	06.25	56.4	69.2	50.1	258.	08.25	53.7	65.6	47.4	282.	10.25	51.6	72.1	45.8
235.	06.30	55.0	64.7	47.9	259.	08.30	53.4	67.6	47.2	283.	10.30	52.0	64.3	45.4
236.	06.35	54.2	64.8	45.6	260.	08.35	51.8	64.6	45.5	284.	10.35	51.8	66.8	44.1
237.	06.40	54.1	63.0	48.4	261.	08.40	51.8	63.6	46.0	285.	10.40	53.4	61.8	47.9
238.	06.45	54.9	70.7	46.7	262.	08.45	53.9	66.4	46.9	286.	10.45	52.9	64.6	47.5
239.	06.50	55.5	69.2	49.4	263.	08.50	55.9	75.0	47.2	287.	10.50	53.0	69.1	46.3
240.	06.55	54.9	71.1	47.6	264.	08.55	54.0	65.4	48.4	288.	10.55	55.1	80.9	47.2



General Manager



**TET**

# Thai Environmental Technic Limited

## บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP  
 Project : โครงการผลิตขวดทองแดงส่วนขยาย ครั้งที่ 1  
 Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม  
 อำเภอบางปะกง จังหวัดฉะเชิงเทรา 24130  
 Contact : Tel. (038)-573 231-5  
 Job No. : S660063/Oct/1

Report No. : 3454/2023/4-7  
 Report Date : November 14, 2023  
 Sampling Date : October 27-November 3, 2023  
 Type of Sample : Sound Level

(4/1-3)

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))		
		30-31/10/23					30-31/10/23					30-31/10/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
1.	11.00	53.7	63.2	47.5	37.	14.00	54.5	65.0	49.1	73.	17.00	60.1	71.0	54.6
2.	11.05	54.6	67.5	47.9	38.	14.05	57.4	71.8	48.6	74.	17.05	54.8	68.3	52.3
3.	11.10	52.8	61.6	44.6	39.	14.10	59.2	67.9	50.4	75.	17.10	55.5	66.5	52.2
4.	11.15	54.4	64.3	47.0	40.	14.15	57.1	63.9	54.3	76.	17.15	54.4	65.8	51.7
5.	11.20	51.6	60.4	45.5	41.	14.20	55.0	60.9	51.1	77.	17.20	56.0	73.3	51.9
6.	11.25	54.6	71.2	47.5	42.	14.25	61.6	68.7	55.0	78.	17.25	56.1	69.3	51.5
7.	11.30	53.6	68.9	46.7	43.	14.30	64.2	76.6	51.2	79.	17.30	54.1	63.4	51.4
8.	11.35	52.8	64.5	46.6	44.	14.35	53.7	62.1	49.7	80.	17.35	55.0	70.3	50.9
9.	11.40	53.4	63.0	47.4	45.	14.40	55.3	67.2	50.9	81.	17.40	53.3	59.8	50.9
10.	11.45	54.9	70.8	46.8	46.	14.45	54.9	63.2	51.9	82.	17.45	55.0	71.9	50.8
11.	11.50	51.9	64.2	47.3	47.	14.50	55.6	64.3	52.2	83.	17.50	54.9	70.3	51.6
12.	11.55	52.7	62.2	48.4	48.	14.55	57.1	66.9	52.7	84.	17.55	53.6	59.1	51.3
13.	12.00	51.8	67.4	45.4	49.	15.00	57.2	69.2	52.2	85.	18.00	58.6	78.6	50.5
14.	12.05	53.1	66.2	45.1	50.	15.05	55.8	64.7	52.7	86.	18.05	53.9	67.7	50.4
15.	12.10	52.7	62.9	45.5	51.	15.10	56.6	69.9	52.2	87.	18.10	52.2	64.3	48.5
16.	12.15	55.2	69.8	50.1	52.	15.15	54.9	71.2	51.0	88.	18.15	54.8	63.2	51.3
17.	12.20	52.2	64.9	45.7	53.	15.20	54.7	61.4	51.0	89.	18.20	55.5	64.0	50.0
18.	12.25	54.2	68.8	47.0	54.	15.25	55.5	63.0	51.4	90.	18.25	53.2	69.4	49.6
19.	12.30	53.3	72.6	46.7	55.	15.30	55.2	62.8	52.1	91.	18.30	54.4	69.9	48.5
20.	12.35	53.8	64.3	47.3	56.	15.35	54.4	62.6	50.8	92.	18.35	50.7	58.9	47.9
21.	12.40	53.7	65.9	47.4	57.	15.40	53.6	60.5	50.7	93.	18.40	51.6	59.2	47.5
22.	12.45	52.6	60.6	47.9	58.	15.45	54.3	62.9	50.7	94.	18.45	52.6	66.6	48.6
23.	12.50	52.1	63.5	46.2	59.	15.50	55.4	64.2	50.8	95.	18.50	55.5	72.5	47.3
24.	12.55	53.3	63.6	47.4	60.	15.55	54.0	61.7	50.7	96.	18.55	57.6	76.6	47.9
25.	13.00	55.8	80.6	47.6	61.	16.00	54.3	59.6	51.2	97.	19.00	56.7	74.5	47.5
26.	13.05	52.9	68.2	44.3	62.	16.05	54.9	72.1	51.1	98.	19.05	50.6	61.9	47.4
27.	13.10	53.7	66.3	48.9	63.	16.10	55.3	70.4	50.8	99.	19.10	50.5	60.9	47.2
28.	13.15	53.2	67.9	45.8	64.	16.15	54.8	68.8	50.7	100.	19.15	52.3	65.1	48.4
29.	13.20	53.2	66.7	48.2	65.	16.20	54.5	67.3	50.9	101.	19.20	51.7	67.0	48.1
30.	13.25	53.1	62.5	48.0	66.	16.25	53.8	60.4	50.5	102.	19.25	50.3	57.0	47.4
31.	13.30	53.9	65.8	47.4	67.	16.30	54.0	68.7	50.5	103.	19.30	51.1	59.4	47.5
32.	13.35	54.9	67.3	47.9	68.	16.35	52.5	60.8	49.7	104.	19.35	50.2	57.9	48.1
33.	13.40	54.0	63.8	47.1	69.	16.40	53.7	67.6	50.2	105.	19.40	51.4	60.3	48.8
34.	13.45	54.0	64.5	49.9	70.	16.45	61.0	68.0	51.3	106.	19.45	54.5	71.3	48.9
35.	13.50	53.0	60.7	48.9	71.	16.50	62.3	72.2	56.9	107.	19.50	50.6	57.3	48.0
36.	13.55	54.4	64.7	48.1	72.	16.55	61.8	70.2	55.0	108.	19.55	52.7	65.0	49.1



Thai Environmental Technic Limited  
บริษัท เทคนิคสิ่งแวดล้อมไทย 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))		
		30-31/10/23					30-31/10/23					30-31/10/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
109.	20.00	51.4	66.9	46.8	145.	23.00	51.5	56.4	50.6	181.	02.00	51.8	60.9	50.0
110.	20.05	53.4	66.8	47.5	146.	23.05	51.3	54.1	50.5	182.	02.05	51.5	56.0	50.1
111.	20.10	49.7	59.3	46.7	147.	23.10	51.2	58.5	50.4	183.	02.10	53.1	60.9	50.9
112.	20.15	49.3	55.9	46.8	148.	23.15	51.6	56.3	50.6	184.	02.15	52.9	65.6	50.5
113.	20.20	52.0	63.6	47.7	149.	23.20	51.7	61.7	50.6	185.	02.20	50.7	58.5	49.5
114.	20.25	50.3	58.4	47.0	150.	23.25	51.4	60.3	50.6	186.	02.25	51.4	57.6	50.0
115.	20.30	52.0	65.1	46.6	151.	23.30	51.0	52.2	50.1	187.	02.30	51.2	57.6	49.9
116.	20.35	49.2	57.7	47.0	152.	23.35	50.5	52.6	49.7	188.	02.35	52.2	60.1	49.9
117.	20.40	49.6	60.2	47.5	153.	23.40	50.5	52.6	48.0	189.	02.40	55.6	67.8	51.0
118.	20.45	49.6	64.7	47.0	154.	23.45	51.4	56.8	50.4	190.	02.45	51.9	57.9	50.3
119.	20.50	49.9	57.3	48.1	155.	23.50	51.6	54.3	50.8	191.	02.50	53.0	75.2	50.3
120.	20.55	52.8	68.9	48.1	156.	23.55	52.7	66.7	51.1	192.	02.55	56.4	71.0	50.9
121.	21.00	52.7	68.8	47.8	157.	00.00	51.5	58.8	49.3	193.	03.00	53.7	64.7	50.3
122.	21.05	49.3	58.8	47.8	158.	00.05	49.3	51.1	48.5	194.	03.05	52.8	60.8	50.2
123.	21.10	59.3	74.0	48.3	159.	00.10	50.1	58.3	48.8	195.	03.10	52.7	62.3	50.2
124.	21.15	51.7	60.9	48.2	160.	00.15	49.4	51.2	48.7	196.	03.15	52.7	58.7	50.6
125.	21.20	49.1	53.8	48.0	161.	00.20	49.6	53.5	48.7	197.	03.20	53.3	63.3	50.5
126.	21.25	49.5	54.1	48.2	162.	00.25	49.3	50.9	48.6	198.	03.25	53.1	60.6	50.3
127.	21.30	50.4	55.4	49.2	163.	00.30	50.6	57.1	49.0	199.	03.30	54.2	66.8	50.5
128.	21.35	52.2	57.9	50.4	164.	00.35	50.2	57.7	48.8	200.	03.35	53.3	60.8	50.6
129.	21.40	51.9	60.5	50.2	165.	00.40	50.0	56.3	48.8	201.	03.40	53.7	60.2	50.4
130.	21.45	51.1	59.1	49.8	166.	00.45	51.6	62.7	49.3	202.	03.45	53.9	76.0	49.6
131.	21.50	51.0	56.9	49.8	167.	00.50	50.3	58.8	48.9	203.	03.50	54.0	63.6	49.7
132.	21.55	50.9	57.3	49.5	168.	00.55	50.4	57.0	48.7	204.	03.55	55.7	72.3	50.5
133.	22.00	51.2	59.5	49.4	169.	01.00	49.9	55.4	48.7	205.	04.00	54.3	64.5	50.5
134.	22.05	50.6	57.8	49.4	170.	01.05	51.5	65.4	49.0	206.	04.05	55.1	66.4	50.4
135.	22.10	49.9	51.9	49.0	171.	01.10	51.2	60.2	49.6	207.	04.10	55.8	63.5	51.8
136.	22.15	50.2	57.8	48.6	172.	01.15	51.3	59.3	49.8	208.	04.15	55.8	64.9	51.8
137.	22.20	50.8	57.0	48.8	173.	01.20	50.9	57.6	49.6	209.	04.20	56.1	66.9	52.1
138.	22.25	51.9	57.5	50.8	174.	01.25	51.4	59.2	49.9	210.	04.25	57.5	70.4	52.9
139.	22.30	52.7	62.5	51.3	175.	01.30	51.1	58.2	49.6	211.	04.30	57.5	67.3	52.7
140.	22.35	52.3	57.0	51.0	176.	01.35	51.2	60.5	49.6	212.	04.35	56.3	65.1	52.5
141.	22.40	52.5	55.9	51.1	177.	01.40	50.7	55.0	49.5	213.	04.40	58.5	71.5	52.1
142.	22.45	51.7	56.9	50.6	178.	01.45	51.1	56.1	49.7	214.	04.45	58.0	71.1	52.9
143.	22.50	51.9	61.9	50.4	179.	01.50	51.4	56.5	50.1	215.	04.50	58.2	73.9	52.7
144.	22.55	51.2	53.7	50.4	180.	01.55	51.9	57.8	50.2	216.	04.55	56.3	64.1	53.5





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))		
		30-31/10/23					30-31/10/23					30-31/10/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
217.	05.00	56.5	68.2	53.5	241.	07.00	55.2	67.0	50.0	265.	09.00	53.2	63.8	47.8
218.	05.05	55.7	62.8	51.9	242.	07.05	52.9	65.4	48.2	266.	09.05	53.1	62.3	47.3
219.	05.10	56.2	62.7	53.1	243.	07.10	53.7	62.6	49.2	267.	09.10	52.4	66.7	45.9
220.	05.15	57.7	69.8	53.1	244.	07.15	55.5	71.1	49.3	268.	09.15	54.2	64.2	47.5
221.	05.20	58.0	68.1	54.3	245.	07.20	54.9	70.6	48.3	269.	09.20	54.5	64.8	49.5
222.	05.25	57.6	70.3	51.1	246.	07.25	53.9	61.5	47.2	270.	09.25	55.5	72.4	49.2
223.	05.30	54.6	64.7	51.0	247.	07.30	54.1	61.0	50.2	271.	09.30	55.0	68.8	49.1
224.	05.35	56.4	66.0	50.5	248.	07.35	54.1	62.5	48.9	272.	09.35	54.2	69.6	46.9
225.	05.40	56.2	70.8	49.4	249.	07.40	54.7	64.3	50.3	273.	09.40	55.9	70.3	48.2
226.	05.45	55.4	64.8	51.4	250.	07.45	56.1	65.1	49.0	274.	09.45	53.8	64.2	45.1
227.	05.50	55.6	66.5	50.8	251.	07.50	53.2	62.5	47.4	275.	09.50	52.8	64.0	46.8
228.	05.55	57.2	68.1	50.7	252.	07.55	54.0	66.5	48.3	276.	09.55	52.6	66.4	47.0
229.	06.00	55.6	64.9	49.8	253.	08.00	53.6	61.1	49.5	277.	10.00	53.8	66.3	46.6
230.	06.05	54.7	66.4	48.5	254.	08.05	54.0	72.9	45.9	278.	10.05	53.9	66.9	46.8
231.	06.10	54.1	61.8	49.2	255.	08.10	52.1	62.6	46.6	279.	10.10	54.0	70.9	47.7
232.	06.15	53.5	64.3	48.3	256.	08.15	54.7	70.1	46.2	280.	10.15	54.6	67.7	47.3
233.	06.20	54.1	71.2	49.4	257.	08.20	53.0	66.2	47.0	281.	10.20	54.3	72.2	46.1
234.	06.25	53.7	65.8	48.6	258.	08.25	54.8	65.8	50.7	282.	10.25	54.3	65.3	48.6
235.	06.30	54.6	63.8	49.0	259.	08.30	53.9	65.4	46.3	283.	10.30	52.2	62.3	45.8
236.	06.35	54.5	65.3	47.4	260.	08.35	54.5	67.1	47.8	284.	10.35	54.1	62.6	47.9
237.	06.40	55.4	66.1	49.7	261.	08.40	59.0	75.0	49.2	285.	10.40	55.3	67.3	48.5
238.	06.45	54.5	62.9	49.7	262.	08.45	54.6	68.9	49.2	286.	10.45	53.1	62.5	47.8
239.	06.50	54.3	62.2	48.0	263.	08.50	53.7	64.1	47.7	287.	10.50	54.2	66.9	47.0
240.	06.55	55.8	66.8	48.1	264.	08.55	52.8	65.4	47.7	288.	10.55	52.9	64.9	46.0



General Manager



# Thai Environmental Technic Limited

## บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP  
 Project : โครงการผลิตขวดทองแดงส่วนขยาย ครั้งที่ 1  
 Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม  
 อำเภอบางปะกง จังหวัดฉะเชิงเทรา 24130  
 Contact : Tel. (038)-573 231-5  
 Job No. : S660063/Oct/1

Report No. : 3454/2023/5-7  
 Report Date : November 14, 2023  
 Sampling Date : October 27-November 3, 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))		
		31/10-01/11/23					31/10-01/11/23					31/10-01/11/23		
		Leq	Lmax	L90			Leq	Lmax	L90			Leq	Lmax	L90
1.	11.00	53.1	62.8	46.6	37.	14.00	53.0	60.2	47.8	73.	17.00	56.2	70.5	53.1
2.	11.05	53.0	66.8	46.0	38.	14.05	54.9	70.1	48.1	74.	17.05	57.2	71.5	51.9
3.	11.10	53.9	64.5	45.9	39.	14.10	54.6	69.9	49.0	75.	17.10	53.6	61.4	50.8
4.	11.15	54.2	69.0	47.6	40.	14.15	55.0	68.4	47.4	76.	17.15	56.6	69.7	50.8
5.	11.20	55.1	70.8	48.2	41.	14.20	54.9	63.8	50.4	77.	17.20	53.9	72.7	51.2
6.	11.25	53.5	70.1	47.5	42.	14.25	56.2	62.9	51.8	78.	17.25	55.4	67.9	51.4
7.	11.30	54.5	65.4	47.8	43.	14.30	56.4	66.4	52.2	79.	17.30	55.0	69.0	51.3
8.	11.35	51.9	60.9	45.4	44.	14.35	54.6	63.5	51.7	80.	17.35	54.8	66.0	51.3
9.	11.40	53.2	63.8	47.0	45.	14.40	58.1	70.5	51.7	81.	17.40	54.3	61.9	51.6
10.	11.45	56.4	71.5	48.2	46.	14.45	58.5	80.3	50.9	82.	17.45	54.4	64.2	51.9
11.	11.50	55.1	72.0	48.4	47.	14.50	54.8	67.2	50.9	83.	17.50	57.6	71.5	52.4
12.	11.55	54.1	68.6	48.0	48.	14.55	54.4	63.3	49.8	84.	17.55	58.7	71.6	52.0
13.	12.00	54.2	67.0	48.1	49.	15.00	55.1	65.7	50.4	85.	18.00	53.4	59.3	51.3
14.	12.05	52.8	62.2	47.5	50.	15.05	54.4	64.3	50.3	86.	18.05	53.5	60.9	51.4
15.	12.10	53.3	70.1	48.0	51.	15.10	53.2	61.5	49.7	87.	18.10	53.6	62.2	51.6
16.	12.15	56.0	67.9	49.0	52.	15.15	52.5	61.8	47.7	88.	18.15	54.1	68.3	51.9
17.	12.20	52.0	62.4	45.9	53.	15.20	52.7	66.1	46.4	89.	18.20	54.8	63.5	52.3
18.	12.25	51.0	58.2	47.1	54.	15.25	54.4	68.3	48.7	90.	18.25	54.1	62.8	51.9
19.	12.30	53.0	63.4	45.0	55.	15.30	53.3	65.3	49.0	91.	18.30	61.4	77.1	51.7
20.	12.35	55.5	66.9	49.1	56.	15.35	55.7	69.2	50.7	92.	18.35	55.5	69.2	48.6
21.	12.40	56.0	76.0	50.3	57.	15.40	55.1	69.0	49.5	93.	18.40	51.6	59.3	48.0
22.	12.45	55.0	67.4	49.1	58.	15.45	53.9	65.6	50.7	94.	18.45	54.4	66.9	51.9
23.	12.50	56.1	71.1	49.6	59.	15.50	52.9	60.5	50.4	95.	18.50	53.9	59.4	52.2
24.	12.55	54.2	67.0	48.0	60.	15.55	54.8	67.8	50.9	96.	18.55	54.6	58.1	53.0
25.	13.00	54.9	71.3	45.4	61.	16.00	54.1	68.0	50.6	97.	19.00	55.8	69.0	52.7
26.	13.05	53.2	65.6	48.1	62.	16.05	53.8	65.4	50.2	98.	19.05	53.1	58.3	51.4
27.	13.10	56.7	72.6	47.9	63.	16.10	56.2	69.0	50.9	99.	19.10	54.3	67.4	51.3
28.	13.15	52.2	61.8	47.2	64.	16.15	53.5	62.9	50.0	100.	19.15	55.8	67.3	52.0
29.	13.20	51.7	60.3	46.6	65.	16.20	53.6	61.1	51.1	101.	19.20	54.2	60.3	52.1
30.	13.25	54.6	62.5	50.0	66.	16.25	54.4	66.4	51.1	102.	19.25	54.1	60.4	52.2
31.	13.30	52.1	58.5	48.4	67.	16.30	54.7	68.2	50.7	103.	19.30	55.8	72.0	51.0
32.	13.35	53.7	64.5	47.6	68.	16.35	53.9	63.5	50.8	104.	19.35	56.4	76.9	51.5
33.	13.40	53.7	65.0	46.6	69.	16.40	55.2	68.8	51.6	105.	19.40	55.7	68.4	51.3
34.	13.45	55.9	67.3	50.4	70.	16.45	54.5	67.2	51.1	106.	19.45	53.2	60.2	50.3
35.	13.50	53.4	62.3	47.9	71.	16.50	54.6	68.4	51.0	107.	19.50	53.6	59.8	51.1
36.	13.55	55.8	71.8	48.0	72.	16.55	56.3	67.9	52.7	108.	19.55	53.0	62.5	50.6



**TET**

**Thai Environmental Technic Limited**  
**บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด**

(5/2-3)

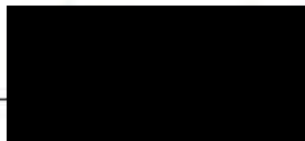
บ้านใกล้ด้านหน้าโครงการ														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		31/10-01/11/23					31/10-01/11/23					31/10-01/11/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
109.	20.00	52.5	58.0	49.5	145.	23.00	52.3	59.1	50.9	181.	02.00	52.5	56.9	50.9
110.	20.05	51.8	60.7	48.7	146.	23.05	52.1	58.1	51.0	182.	02.05	52.5	59.3	51.1
111.	20.10	51.5	56.2	48.3	147.	23.10	51.8	55.3	50.9	183.	02.10	54.1	65.9	51.4
112.	20.15	51.1	54.5	47.9	148.	23.15	52.0	57.7	50.7	184.	02.15	53.7	60.2	51.2
113.	20.20	53.0	65.8	48.0	149.	23.20	51.4	59.2	50.3	185.	02.20	53.6	61.8	51.5
114.	20.25	55.8	72.5	48.7	150.	23.25	53.0	65.7	50.1	186.	02.25	54.3	60.7	52.1
115.	20.30	53.9	70.2	50.5	151.	23.30	51.1	56.4	49.9	187.	02.30	54.6	65.1	51.8
116.	20.35	53.3	58.8	51.9	152.	23.35	51.8	56.5	50.1	188.	02.35	54.4	61.5	51.8
117.	20.40	53.4	60.6	51.9	153.	23.40	51.7	57.8	49.6	189.	02.40	54.5	59.4	52.5
118.	20.45	54.5	63.6	52.2	154.	23.45	49.2	56.5	46.9	190.	02.45	54.3	58.4	51.4
119.	20.50	54.7	70.4	53.0	155.	23.50	50.3	57.3	47.0	191.	02.50	53.7	60.8	51.0
120.	20.55	55.8	68.2	53.1	156.	23.55	49.6	57.4	46.5	192.	02.55	53.6	68.9	50.1
121.	21.00	52.3	57.3	50.0	157.	00.00	49.8	56.8	46.9	193.	03.00	54.6	63.7	51.8
122.	21.05	53.4	56.1	52.4	158.	00.05	50.0	56.3	47.0	194.	03.05	54.4	65.4	51.5
123.	21.10	53.5	59.3	52.4	159.	00.10	50.6	60.0	47.6	195.	03.10	56.9	74.3	51.4
124.	21.15	53.5	56.5	52.2	160.	00.15	50.5	66.7	46.5	196.	03.15	54.0	65.3	50.7
125.	21.20	54.1	58.7	52.9	161.	00.20	49.0	59.6	46.3	197.	03.20	54.7	65.1	51.5
126.	21.25	54.0	59.4	52.4	162.	00.25	49.6	59.4	46.8	198.	03.25	54.7	61.9	50.5
127.	21.30	54.0	59.9	52.4	163.	00.30	49.4	62.0	46.7	199.	03.30	54.9	66.1	50.1
128.	21.35	52.7	60.5	50.0	164.	00.35	49.6	56.5	47.9	200.	03.35	54.6	62.1	49.7
129.	21.40	51.1	56.3	49.9	165.	00.40	51.5	58.0	50.3	201.	03.40	54.9	68.2	51.1
130.	21.45	51.6	59.7	49.8	166.	00.45	51.3	56.2	50.2	202.	03.45	57.9	75.2	52.9
131.	21.50	51.8	60.5	50.2	167.	00.50	51.9	64.6	50.8	203.	03.50	55.8	69.3	50.2
132.	21.55	51.5	59.2	50.1	168.	00.55	52.2	59.5	50.6	204.	03.55	57.1	66.2	53.3
133.	22.00	50.7	62.6	46.0	169.	01.00	53.3	59.6	51.1	205.	04.00	59.3	79.6	52.2
134.	22.05	49.1	67.0	46.3	170.	01.05	52.8	61.0	51.1	206.	04.05	59.2	67.9	54.2
135.	22.10	50.5	62.8	46.1	171.	01.10	53.7	63.0	51.7	207.	04.10	57.7	68.7	53.1
136.	22.15	50.8	56.6	47.0	172.	01.15	52.8	58.6	50.5	208.	04.15	58.9	72.2	54.7
137.	22.20	51.6	61.6	49.9	173.	01.20	52.1	59.5	50.4	209.	04.20	58.2	66.9	54.1
138.	22.25	52.2	58.2	50.6	174.	01.25	51.5	62.9	49.9	210.	04.25	58.5	70.1	53.8
139.	22.30	51.5	59.8	50.4	175.	01.30	51.2	60.0	50.0	211.	04.30	58.2	66.1	55.1
140.	22.35	51.5	56.6	50.2	176.	01.35	51.0	55.2	50.0	212.	04.35	58.0	62.9	55.1
141.	22.40	51.4	55.8	50.3	177.	01.40	51.5	55.7	50.5	213.	04.40	57.5	66.9	54.0
142.	22.45	51.9	61.5	50.4	178.	01.45	51.8	59.5	50.4	214.	04.45	58.4	66.7	55.0
143.	22.50	54.3	68.6	50.6	179.	01.50	51.5	57.5	50.4	215.	04.50	58.5	72.0	55.0
144.	22.55	51.4	54.1	50.4	180.	01.55	52.1	59.2	50.6	216.	04.55	59.0	72.0	53.4

**TET**

Thai Environmental Technic Limited  
บริษัท เทคโนโลยีสิ่งแวดล้อมไทย 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))		
		31/10-01/11/23					31/10-01/11/23					31/10-01/11/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
217.	05.00	57.6	67.9	52.3	241.	07.00	60.3	70.9	53.1	265.	09.00	54.5	66.4	48.1
218.	05.05	57.9	68.9	51.9	242.	07.05	52.3	63.4	46.6	266.	09.05	56.2	74.8	48.2
219.	05.10	57.9	66.7	52.6	243.	07.10	52.3	59.3	46.4	267.	09.10	54.0	70.2	47.0
220.	05.15	56.3	66.4	51.0	244.	07.15	54.3	66.4	48.6	268.	09.15	52.2	64.0	45.2
221.	05.20	56.3	74.0	51.1	245.	07.20	53.7	66.8	47.0	269.	09.20	55.1	67.4	46.0
222.	05.25	55.6	62.7	51.8	246.	07.25	51.8	62.4	46.6	270.	09.25	59.9	79.6	45.6
223.	05.30	54.5	62.2	50.0	247.	07.30	53.3	63.2	47.1	271.	09.30	53.5	66.2	49.0
224.	05.35	55.3	65.1	50.0	248.	07.35	51.8	65.3	46.2	272.	09.35	53.7	66.2	50.7
225.	05.40	55.3	64.3	51.2	249.	07.40	53.6	72.9	46.9	273.	09.40	53.3	60.2	50.0
226.	05.45	57.5	69.9	52.7	250.	07.45	51.6	63.0	46.5	274.	09.45	50.6	54.5	49.0
227.	05.50	55.0	62.9	51.0	251.	07.50	54.8	65.9	48.5	275.	09.50	53.4	61.7	50.5
228.	05.55	55.3	65.2	49.2	252.	07.55	55.2	71.0	47.0	276.	09.55	51.9	56.4	50.0
229.	06.00	55.6	69.7	49.5	253.	08.00	53.1	64.9	46.8	277.	10.00	51.7	59.1	50.0
230.	06.05	60.2	81.4	48.5	254.	08.05	54.2	66.4	47.8	278.	10.05	52.8	58.9	50.4
231.	06.10	54.9	64.8	50.6	255.	08.10	51.9	62.6	46.9	279.	10.10	51.5	56.8	49.1
232.	06.15	55.0	65.5	48.9	256.	08.15	53.3	66.9	46.4	280.	10.15	54.2	67.9	49.9
233.	06.20	58.4	75.5	48.4	257.	08.20	53.6	64.3	45.9	281.	10.20	51.7	56.6	48.7
234.	06.25	55.2	68.6	48.9	258.	08.25	53.5	63.6	48.1	282.	10.25	55.3	65.2	49.6
235.	06.30	54.9	75.2	48.4	259.	08.30	51.6	60.7	47.3	283.	10.30	51.4	54.9	49.8
236.	06.35	54.1	66.4	49.4	260.	08.35	52.5	63.2	46.6	284.	10.35	53.1	61.0	49.4
237.	06.40	53.2	68.7	47.2	261.	08.40	54.1	72.3	46.3	285.	10.40	51.5	56.7	49.8
238.	06.45	53.9	63.6	48.5	262.	08.45	54.5	67.4	47.3	286.	10.45	51.7	61.9	50.2
239.	06.50	54.5	64.7	48.2	263.	08.50	52.7	66.2	47.3	287.	10.50	51.4	56.7	49.1
240.	06.55	62.2	69.9	49.6	264.	08.55	52.2	65.1	47.1	288.	10.55	54.1	65.9	49.7



General Manager



**TET**

# Thai Environmental Technic Limited

## บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP  
 Project : โครงการผลิตขวดทองแดงส่วนขยาย ครั้งที่ 1  
 Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม  
 อำเภอบางปะกง จังหวัดฉะเชิงเทรา 24130  
 Contact : Tel. (038)-573 231-5  
 Job No. : S660063/Oct/1

Report No. : 3454/2023/6-7  
 Report Date : November 14, 2023  
 Sampling Date : October 27-November 3, 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))		
		01-02/11/23					01-02/11/23					01-02/11/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
1.	11.00	52.3	57.8	49.9	37.	14.00	55.0	66.6	49.9	73.	17.00	57.4	71.1	52.9
2.	11.05	56.5	72.0	51.2	38.	14.05	53.3	62.5	49.9	74.	17.05	55.0	67.0	51.1
3.	11.10	52.8	57.8	51.0	39.	14.10	54.9	62.3	50.8	75.	17.10	54.9	71.0	50.9
4.	11.15	53.4	62.1	51.6	40.	14.15	54.5	65.8	50.1	76.	17.15	54.8	67.0	50.7
5.	11.20	55.0	62.0	52.2	41.	14.20	54.5	67.8	49.1	77.	17.20	54.9	69.9	50.2
6.	11.25	55.3	71.5	50.6	42.	14.25	55.2	63.6	50.4	78.	17.25	53.3	59.2	50.3
7.	11.30	54.1	72.8	50.0	43.	14.30	57.0	70.3	52.4	79.	17.30	53.6	62.0	50.2
8.	11.35	55.8	72.4	49.5	44.	14.35	55.7	69.2	51.3	80.	17.35	54.4	66.8	49.9
9.	11.40	60.5	75.5	50.0	45.	14.40	55.0	67.1	50.0	81.	17.40	52.1	59.9	48.9
10.	11.45	55.9	64.7	49.6	46.	14.45	53.9	69.2	49.6	82.	17.45	56.5	72.5	49.8
11.	11.50	61.5	65.3	53.6	47.	14.50	53.8	66.2	49.8	83.	17.50	55.1	72.3	49.5
12.	11.55	53.2	62.2	50.8	48.	14.55	54.1	64.7	51.0	84.	17.55	55.4	72.0	50.7
13.	12.00	63.0	67.8	51.1	49.	15.00	56.2	66.6	50.7	85.	18.00	53.9	66.0	50.3
14.	12.05	52.1	63.4	50.3	50.	15.05	56.3	67.0	51.1	86.	18.05	54.8	61.6	51.1
15.	12.10	62.6	66.4	50.6	51.	15.10	54.1	72.0	49.9	87.	18.10	53.8	62.4	50.8
16.	12.15	65.9	68.1	64.4	52.	15.15	54.6	65.3	50.5	88.	18.15	55.2	69.0	50.7
17.	12.20	60.7	74.0	50.1	53.	15.20	54.4	64.7	49.9	89.	18.20	55.8	72.1	50.1
18.	12.25	55.5	71.8	46.6	54.	15.25	55.5	75.1	47.9	90.	18.25	54.5	68.7	49.2
19.	12.30	51.2	60.6	45.6	55.	15.30	54.4	63.9	49.0	91.	18.30	55.4	71.8	49.3
20.	12.35	52.2	66.0	46.6	56.	15.35	52.0	63.6	47.6	92.	18.35	53.1	61.9	49.2
21.	12.40	53.3	70.5	47.0	57.	15.40	54.3	69.3	46.3	93.	18.40	54.3	61.9	51.1
22.	12.45	55.6	63.5	51.4	58.	15.45	53.8	66.4	48.8	94.	18.45	54.5	67.2	50.8
23.	12.50	56.2	70.0	52.4	59.	15.50	58.6	75.0	50.4	95.	18.50	53.8	62.0	51.0
24.	12.55	56.1	68.5	52.8	60.	15.55	55.6	62.4	51.7	96.	18.55	53.5	64.0	50.4
25.	13.00	54.3	67.2	48.9	61.	16.00	55.6	69.6	51.6	97.	19.00	53.4	59.6	50.4
26.	13.05	50.7	61.8	45.8	62.	16.05	56.4	65.3	51.2	98.	19.05	54.3	65.3	50.8
27.	13.10	53.9	66.3	45.8	63.	16.10	54.3	61.8	50.6	99.	19.10	54.6	65.1	51.0
28.	13.15	54.6	64.4	48.9	64.	16.15	54.9	62.2	51.5	100.	19.15	54.5	69.2	52.3
29.	13.20	52.8	62.6	49.0	65.	16.20	53.4	58.7	49.7	101.	19.20	56.9	68.8	52.8
30.	13.25	55.8	70.3	50.0	66.	16.25	53.5	71.3	48.5	102.	19.25	55.5	67.1	51.9
31.	13.30	53.5	59.7	49.2	67.	16.30	53.9	62.5	49.6	103.	19.30	54.9	71.6	51.0
32.	13.35	53.4	63.9	48.4	68.	16.35	54.4	67.2	49.4	104.	19.35	53.3	64.8	50.4
33.	13.40	54.0	68.8	49.8	69.	16.40	54.0	63.1	49.4	105.	19.40	58.1	79.6	50.6
34.	13.45	56.5	69.2	51.9	70.	16.45	56.9	66.0	53.4	106.	19.45	54.9	66.0	50.9
35.	13.50	54.5	68.5	50.7	71.	16.50	59.0	74.9	52.4	107.	19.50	53.5	63.8	50.3
36.	13.55	54.8	64.1	51.6	72.	16.55	56.3	66.8	52.3	108.	19.55	53.7	60.1	51.3

**TET**

**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))		
		01-02/11/23					01-02/11/23					01-02/11/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
109.	20.00	53.7	61.3	50.9	145.	23.00	48.2	55.9	46.1	181.	02.00	47.2	58.6	45.2
110.	20.05	53.0	62.0	50.6	146.	23.05	47.4	56.7	46.1	182.	02.05	46.7	54.2	45.2
111.	20.10	54.5	61.1	51.5	147.	23.10	48.3	57.2	45.5	183.	02.10	50.6	65.1	45.6
112.	20.15	53.0	59.8	51.0	148.	23.15	48.7	55.6	46.3	184.	02.15	46.7	58.4	45.5
113.	20.20	53.5	67.9	50.7	149.	23.20	48.5	57.0	46.2	185.	02.20	49.1	64.0	45.8
114.	20.25	52.5	58.5	50.2	150.	23.25	48.8	57.6	46.5	186.	02.25	48.3	55.6	46.5
115.	20.30	52.0	59.3	49.7	151.	23.30	47.2	54.7	45.5	187.	02.30	48.7	60.5	46.9
116.	20.35	52.5	61.3	49.6	152.	23.35	48.3	59.7	46.0	188.	02.35	49.0	60.0	46.6
117.	20.40	51.9	61.6	47.9	153.	23.40	53.0	72.4	46.8	189.	02.40	48.6	54.3	47.2
118.	20.45	52.4	69.6	47.1	154.	23.45	48.2	58.2	46.5	190.	02.45	48.8	55.0	47.3
119.	20.50	56.5	70.1	47.8	155.	23.50	47.6	56.6	45.7	191.	02.50	49.6	61.7	47.5
120.	20.55	52.6	64.0	47.4	156.	23.55	48.8	62.3	46.2	192.	02.55	51.6	63.5	47.7
121.	21.00	53.3	66.9	47.4	157.	00.00	46.8	50.1	45.7	193.	03.00	48.7	55.0	47.3
122.	21.05	49.9	55.8	47.2	158.	00.05	48.3	57.2	46.9	194.	03.05	49.2	57.2	47.7
123.	21.10	50.2	58.0	47.0	159.	00.10	48.0	54.1	46.6	195.	03.10	48.9	56.5	47.2
124.	21.15	50.2	57.3	46.5	160.	00.15	51.2	64.3	46.3	196.	03.15	49.6	56.4	47.5
125.	21.20	50.4	60.9	47.1	161.	00.20	48.1	55.9	46.2	197.	03.20	49.0	60.6	47.1
126.	21.25	50.1	57.0	46.8	162.	00.25	47.8	58.7	45.7	198.	03.25	50.5	58.5	47.7
127.	21.30	56.5	72.9	47.0	163.	00.30	47.9	62.2	45.7	199.	03.30	47.1	52.2	45.7
128.	21.35	50.5	58.0	47.2	164.	00.35	47.6	56.2	45.6	200.	03.35	47.8	63.8	45.4
129.	21.40	51.8	65.6	47.5	165.	00.40	51.6	67.6	45.6	201.	03.40	47.4	55.1	45.7
130.	21.45	52.6	65.4	48.3	166.	00.45	47.0	55.6	45.1	202.	03.45	49.2	60.8	46.4
131.	21.50	52.0	68.7	47.0	167.	00.50	46.7	52.0	45.1	203.	03.50	47.2	54.6	45.8
132.	21.55	53.3	70.1	46.7	168.	00.55	47.6	54.4	45.1	204.	03.55	49.8	59.0	46.4
133.	22.00	51.9	64.5	47.0	169.	01.00	47.4	54.7	45.2	205.	04.00	48.5	53.3	46.9
134.	22.05	52.3	60.2	47.5	170.	01.05	46.3	56.3	44.9	206.	04.05	50.5	61.0	47.2
135.	22.10	52.4	65.5	46.3	171.	01.10	47.2	54.5	45.1	207.	04.10	49.1	56.9	47.5
136.	22.15	48.9	56.5	46.6	172.	01.15	48.3	59.3	46.1	208.	04.15	48.8	55.5	47.5
137.	22.20	50.2	62.2	46.7	173.	01.20	46.8	49.4	45.7	209.	04.20	50.1	59.1	48.0
138.	22.25	47.5	53.7	46.1	174.	01.25	47.0	51.0	45.9	210.	04.25	49.5	57.7	48.0
139.	22.30	49.4	60.0	46.2	175.	01.30	51.6	76.1	45.1	211.	04.30	51.1	56.5	48.8
140.	22.35	50.7	59.5	46.8	176.	01.35	47.1	57.6	44.6	212.	04.35	52.1	66.2	48.9
141.	22.40	51.5	65.2	46.8	177.	01.40	46.7	55.8	44.9	213.	04.40	51.9	61.1	48.5
142.	22.45	51.1	64.1	46.8	178.	01.45	46.4	56.2	44.8	214.	04.45	52.7	65.5	49.2
143.	22.50	49.0	55.8	46.2	179.	01.50	50.2	66.1	45.2	215.	04.50	55.7	73.2	49.3
144.	22.55	48.9	58.3	46.1	180.	01.55	47.1	56.5	44.6	216.	04.55	51.2	58.6	48.7



**TET**

**Thai Environmental Technic Limited**  
**บริษัท เทคนิกลิ่งแวดล้อมไทย 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))		
		01-02/11/23					01-02/11/23					01-02/11/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
217.	05.00	52.7	64.9	49.1	241.	07.00	57.4	73.8	52.0	265.	09.00	54.5	65.7	49.9
218.	05.05	53.2	66.0	49.4	242.	07.05	57.0	68.6	52.9	266.	09.05	53.3	70.1	48.5
219.	05.10	52.5	66.0	49.1	243.	07.10	57.7	71.1	53.6	267.	09.10	52.1	59.2	47.7
220.	05.15	52.2	63.5	49.1	244.	07.15	58.1	70.1	52.0	268.	09.15	53.7	69.7	47.3
221.	05.20	52.4	62.5	48.8	245.	07.20	56.5	67.3	51.8	269.	09.20	52.3	61.4	48.2
222.	05.25	52.5	62.2	48.7	246.	07.25	56.0	68.1	51.1	270.	09.25	53.7	72.2	47.9
223.	05.30	53.0	60.5	49.8	247.	07.30	54.1	64.6	50.0	271.	09.30	53.2	63.0	48.1
224.	05.35	55.8	75.9	48.9	248.	07.35	55.3	70.9	49.4	272.	09.35	53.0	65.2	46.8
225.	05.40	53.3	69.0	48.9	249.	07.40	54.2	60.8	50.4	273.	09.40	55.1	72.8	47.1
226.	05.45	53.7	66.1	47.8	250.	07.45	55.4	63.0	51.7	274.	09.45	53.1	61.8	48.5
227.	05.50	52.9	64.4	49.0	251.	07.50	56.3	67.9	53.1	275.	09.50	54.3	66.9	48.1
228.	05.55	52.2	59.4	49.2	252.	07.55	56.4	65.1	53.1	276.	09.55	52.9	67.0	46.6
229.	06.00	53.9	63.5	50.0	253.	08.00	56.2	69.4	50.6	277.	10.00	54.1	65.3	48.3
230.	06.05	55.0	64.8	50.6	254.	08.05	58.9	79.3	51.7	278.	10.05	51.2	60.6	46.2
231.	06.10	55.1	63.2	50.1	255.	08.10	54.4	63.6	50.8	279.	10.10	52.6	64.0	47.5
232.	06.15	54.7	65.5	50.9	256.	08.15	53.1	60.7	50.0	280.	10.15	51.2	59.2	46.4
233.	06.20	55.8	66.4	50.8	257.	08.20	53.9	61.9	49.6	281.	10.20	50.5	60.5	46.3
234.	06.25	55.1	66.8	50.6	258.	08.25	54.5	66.8	49.4	282.	10.25	51.7	66.0	46.6
235.	06.30	54.9	69.6	50.2	259.	08.30	54.4	63.4	50.3	283.	10.30	52.4	65.8	46.4
236.	06.35	56.0	67.8	51.3	260.	08.35	54.2	61.9	49.0	284.	10.35	51.0	62.5	45.3
237.	06.40	56.0	69.3	51.4	261.	08.40	54.3	76.3	48.1	285.	10.40	52.8	64.1	46.6
238.	06.45	56.0	65.4	51.3	262.	08.45	53.2	64.0	48.4	286.	10.45	51.3	68.3	46.4
239.	06.50	56.1	65.4	53.0	263.	08.50	54.2	65.4	48.7	287.	10.50	51.2	57.2	46.1
240.	06.55	55.8	63.9	52.2	264.	08.55	53.9	63.3	49.7	288.	10.55	53.0	63.6	47.6



General Manager

**TET**

# Thai Environmental Technic Limited

## บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP  
 Project : โครงการผลิตลวดทองแดงส่วนขยาย ครั้งที่ 1  
 Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม  
 อำเภอบางปะกง จังหวัดฉะเชิงเทรา 24130  
 Contact : Tel. (038)-573 231-5  
 Job No. : S660063/Oct/1

Report No. : 3454/2023/7-7  
 Report Date : November 14, 2023  
 Sampling Date : October 27-November 3, 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))		
		02-03/11/23					02-03/11/23					02-03/11/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
1.	11.00	52.9	68.2	46.5	37.	14.00	53.6	69.7	46.1	73.	17.00	53.7	62.8	49.2
2.	11.05	52.7	65.1	46.9	38.	14.05	52.4	72.7	46.3	74.	17.05	54.4	68.4	48.8
3.	11.10	51.0	63.5	44.5	39.	14.10	52.1	63.6	45.7	75.	17.10	54.1	70.9	49.7
4.	11.15	51.9	59.5	46.8	40.	14.15	49.7	58.8	44.7	76.	17.15	52.9	66.4	47.7
5.	11.20	53.0	72.5	45.9	41.	14.20	54.1	65.2	46.3	77.	17.20	53.5	65.9	48.7
6.	11.25	53.7	68.8	48.0	42.	14.25	52.4	70.3	45.8	78.	17.25	52.3	61.4	48.5
7.	11.30	52.0	67.3	45.2	43.	14.30	53.6	70.2	47.6	79.	17.30	55.2	65.2	49.4
8.	11.35	50.9	62.2	43.9	44.	14.35	50.9	62.0	46.9	80.	17.35	51.6	57.4	48.4
9.	11.40	50.1	63.7	44.4	45.	14.40	54.3	70.4	46.4	81.	17.40	52.8	66.4	48.5
10.	11.45	53.2	63.9	46.2	46.	14.45	52.2	68.1	46.2	82.	17.45	52.3	58.5	48.8
11.	11.50	56.0	65.4	46.3	47.	14.50	52.1	63.5	47.9	83.	17.50	52.4	59.2	49.8
12.	11.55	54.5	63.8	48.0	48.	14.55	52.4	63.0	47.3	84.	17.55	52.7	64.5	49.9
13.	12.00	52.0	62.3	45.7	49.	15.00	53.6	74.3	47.6	85.	18.00	53.5	65.3	49.5
14.	12.05	57.5	72.7	47.4	50.	15.05	54.5	67.4	48.1	86.	18.05	53.1	68.3	49.6
15.	12.10	55.0	70.8	47.6	51.	15.10	50.9	61.4	46.5	87.	18.10	53.1	67.8	49.7
16.	12.15	59.0	77.6	46.9	52.	15.15	53.8	65.4	48.9	88.	18.15	54.1	63.6	50.7
17.	12.20	52.7	61.5	47.4	53.	15.20	60.3	80.1	49.9	89.	18.20	53.3	66.5	50.4
18.	12.25	52.5	61.8	47.0	54.	15.25	54.0	67.1	48.7	90.	18.25	52.5	61.0	49.9
19.	12.30	54.3	68.3	48.1	55.	15.30	53.8	64.7	48.7	91.	18.30	56.6	69.9	51.9
20.	12.35	54.7	68.8	47.4	56.	15.35	52.7	62.7	48.4	92.	18.35	55.3	63.1	51.2
21.	12.40	53.9	64.0	48.5	57.	15.40	51.6	60.8	46.5	93.	18.40	55.0	61.5	51.7
22.	12.45	53.9	65.9	45.9	58.	15.45	54.2	69.5	47.6	94.	18.45	54.1	63.9	51.1
23.	12.50	53.8	76.1	47.8	59.	15.50	52.4	64.5	46.5	95.	18.50	55.3	68.7	51.1
24.	12.55	54.1	65.6	45.1	60.	15.55	52.6	65.6	47.9	96.	18.55	53.8	67.9	50.9
25.	13.00	56.2	73.1	47.4	61.	16.00	53.6	63.0	49.0	97.	19.00	53.3	63.6	49.9
26.	13.05	55.2	75.3	46.2	62.	16.05	53.4	65.0	48.9	98.	19.05	53.5	63.5	49.5
27.	13.10	53.6	74.9	46.1	63.	16.10	53.3	64.1	49.0	99.	19.10	52.1	61.8	49.2
28.	13.15	52.6	66.0	47.3	64.	16.15	55.0	63.3	50.5	100.	19.15	52.9	59.3	50.6
29.	13.20	52.8	66.7	47.4	65.	16.20	54.0	62.8	50.7	101.	19.20	53.8	62.9	50.9
30.	13.25	53.7	67.4	46.8	66.	16.25	56.2	68.6	49.8	102.	19.25	54.0	62.8	50.6
31.	13.30	53.1	69.0	47.7	67.	16.30	55.3	65.8	51.9	103.	19.30	55.0	67.7	51.4
32.	13.35	53.5	67.5	46.7	68.	16.35	55.3	66.7	49.8	104.	19.35	55.0	65.1	51.8
33.	13.40	53.5	67.0	48.5	69.	16.40	53.2	63.4	49.8	105.	19.40	53.6	59.6	50.8
34.	13.45	52.1	62.1	47.0	70.	16.45	54.3	70.6	49.4	106.	19.45	54.1	64.0	50.4
35.	13.50	53.1	66.8	46.5	71.	16.50	52.4	65.0	47.9	107.	19.50	53.0	62.1	49.7
36.	13.55	52.3	64.6	46.8	72.	16.55	53.9	69.0	49.1	108.	19.55	53.3	60.2	50.1





Thai Environmental Technic Limited  
บริษัท เทคนิกลิ่งแวดล้อมไทย 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))		
		02-03/11/23					02-03/11/23					02-03/11/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
109.	20.00	51.9	58.1	48.1	145.	23.00	49.1	57.2	46.8	181.	02.00	50.3	56.3	48.5
110.	20.05	51.2	58.9	47.8	146.	23.05	49.5	59.2	46.9	182.	02.05	50.0	53.5	47.9
111.	20.10	52.5	61.0	48.0	147.	23.10	48.9	56.8	46.8	183.	02.10	51.9	60.5	49.9
112.	20.15	52.2	63.0	48.4	148.	23.15	48.3	63.7	46.9	184.	02.15	51.4	55.9	49.7
113.	20.20	51.9	58.6	49.6	149.	23.20	48.7	54.8	47.7	185.	02.20	51.3	56.7	49.4
114.	20.25	51.4	58.5	49.4	150.	23.25	49.8	60.9	47.7	186.	02.25	52.5	56.8	50.3
115.	20.30	51.3	57.8	49.5	151.	23.30	48.3	56.3	47.2	187.	02.30	50.7	57.0	48.3
116.	20.35	50.8	58.1	49.2	152.	23.35	48.5	52.1	47.5	188.	02.35	49.5	56.0	47.6
117.	20.40	50.4	56.1	49.2	153.	23.40	49.8	56.6	48.3	189.	02.40	49.1	53.5	47.5
118.	20.45	52.4	59.8	50.6	154.	23.45	50.6	57.4	49.2	190.	02.45	50.4	59.7	48.2
119.	20.50	52.4	65.1	49.5	155.	23.50	50.7	57.1	48.8	191.	02.50	51.3	57.7	49.4
120.	20.55	50.6	55.0	49.1	156.	23.55	51.9	69.6	48.4	192.	02.55	50.9	56.1	48.9
121.	21.00	51.8	56.6	49.6	157.	00.00	51.3	63.8	49.1	193.	03.00	49.7	55.0	48.0
122.	21.05	51.2	55.8	49.6	158.	00.05	51.4	57.8	49.5	194.	03.05	50.6	59.2	48.2
123.	21.10	52.5	63.5	49.8	159.	00.10	48.9	53.0	47.1	195.	03.10	50.2	56.5	48.2
124.	21.15	52.5	61.3	50.0	160.	00.15	51.0	64.4	47.6	196.	03.15	51.1	60.6	48.7
125.	21.20	53.6	68.2	50.2	161.	00.20	49.1	53.4	47.1	197.	03.20	50.6	54.9	48.8
126.	21.25	51.2	57.5	49.4	162.	00.25	49.8	58.9	47.2	198.	03.25	51.5	56.6	49.4
127.	21.30	54.3	67.5	49.8	163.	00.30	49.0	53.5	46.9	199.	03.30	51.5	57.3	49.5
128.	21.35	51.7	57.3	50.0	164.	00.35	50.4	61.3	47.4	200.	03.35	51.8	66.8	49.4
129.	21.40	52.3	67.6	49.4	165.	00.40	49.1	52.6	47.1	201.	03.40	51.9	59.6	49.8
130.	21.45	51.8	63.9	49.0	166.	00.45	49.1	57.2	47.0	202.	03.45	51.8	56.5	49.9
131.	21.50	52.1	65.6	48.5	167.	00.50	51.6	73.1	48.0	203.	03.50	52.2	59.8	49.9
132.	21.55	52.4	66.7	49.4	168.	00.55	49.4	56.3	47.6	204.	03.55	52.5	59.1	50.6
133.	22.00	53.7	66.6	50.2	169.	01.00	49.2	55.3	47.5	205.	04.00	52.6	57.2	50.9
134.	22.05	50.7	57.0	49.4	170.	01.05	49.2	56.8	47.5	206.	04.05	52.2	58.2	50.1
135.	22.10	58.6	78.7	48.5	171.	01.10	49.0	51.1	47.6	207.	04.10	53.1	66.9	49.8
136.	22.15	49.8	52.8	48.8	172.	01.15	50.2	58.7	48.2	208.	04.15	53.6	66.5	50.1
137.	22.20	52.4	66.1	49.7	173.	01.20	49.4	52.7	48.5	209.	04.20	51.4	57.1	49.8
138.	22.25	52.8	61.1	50.7	174.	01.25	50.3	55.7	48.7	210.	04.25	52.0	67.0	49.8
139.	22.30	53.4	62.7	51.5	175.	01.30	49.6	52.0	48.5	211.	04.30	52.8	62.1	50.3
140.	22.35	56.0	69.3	52.0	176.	01.35	49.8	51.9	48.8	212.	04.35	51.8	63.5	49.9
141.	22.40	58.7	75.0	52.0	177.	01.40	50.4	56.5	49.0	213.	04.40	53.3	64.1	50.2
142.	22.45	55.5	71.5	51.1	178.	01.45	50.4	55.8	49.0	214.	04.45	52.3	60.4	49.5
143.	22.50	55.7	66.1	51.2	179.	01.50	49.6	52.4	48.4	215.	04.50	52.8	62.3	49.6
144.	22.55	52.8	65.4	47.0	180.	01.55	50.8	55.3	49.3	216.	04.55	52.3	59.2	49.3

**TET**

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))		
		02-03/11/23					02-03/11/23					02-03/11/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
217.	05.00	52.6	61.0	48.9	241.	07.00	55.9	70.4	51.5	265.	09.00	63.7	67.5	51.3
218.	05.05	53.0	63.8	48.7	242.	07.05	60.2	68.1	50.7	266.	09.05	63.2	67.7	60.7
219.	05.10	53.4	64.0	49.7	243.	07.10	65.0	71.3	64.0	267.	09.10	58.3	77.1	51.1
220.	05.15	54.1	71.3	49.1	244.	07.15	53.8	65.3	50.1	268.	09.15	63.3	79.5	52.1
221.	05.20	52.4	58.7	48.4	245.	07.20	52.3	66.1	49.9	269.	09.20	54.1	73.8	50.6
222.	05.25	53.2	67.2	48.3	246.	07.25	52.3	74.6	50.0	270.	09.25	57.8	76.2	52.3
223.	05.30	56.1	79.4	49.8	247.	07.30	51.4	62.3	49.9	271.	09.30	55.5	72.2	50.1
224.	05.35	57.1	79.8	51.6	248.	07.35	62.0	65.7	50.4	272.	09.35	61.0	78.5	51.0
225.	05.40	59.0	78.9	52.8	249.	07.40	64.8	66.3	63.1	273.	09.40	61.7	78.7	50.6
226.	05.45	57.2	71.2	50.7	250.	07.45	57.2	65.7	50.8	274.	09.45	61.5	80.4	50.4
227.	05.50	56.0	70.2	50.7	251.	07.50	51.7	57.2	50.4	275.	09.50	63.0	80.4	51.9
228.	05.55	55.7	68.3	49.9	252.	07.55	61.3	69.8	51.7	276.	09.55	55.1	70.1	51.9
229.	06.00	54.6	68.1	49.7	253.	08.00	61.8	66.7	54.4	277.	10.00	58.2	74.0	51.2
230.	06.05	57.5	69.2	50.9	254.	08.05	61.0	66.5	51.6	278.	10.05	62.5	92.4	52.6
231.	06.10	54.5	66.7	50.7	255.	08.10	54.0	61.6	51.6	279.	10.10	62.9	86.2	52.2
232.	06.15	54.4	63.4	50.9	256.	08.15	54.7	65.6	51.7	280.	10.15	60.3	86.1	51.3
233.	06.20	54.2	66.1	49.8	257.	08.20	60.9	69.3	56.2	281.	10.20	57.1	73.2	52.5
234.	06.25	54.2	62.2	50.2	258.	08.25	60.5	68.9	56.8	282.	10.25	56.2	72.6	52.4
235.	06.30	55.7	68.0	51.2	259.	08.30	64.0	67.0	56.3	283.	10.30	57.3	71.5	53.1
236.	06.35	60.6	65.1	52.5	260.	08.35	64.2	65.1	55.6	284.	10.35	56.8	68.1	51.1
237.	06.40	60.8	65.9	50.5	261.	08.40	61.4	65.2	51.2	285.	10.40	57.1	74.7	51.0
238.	06.45	57.2	65.5	52.7	262.	08.45	63.6	64.7	52.9	286.	10.45	57.2	71.0	52.0
239.	06.50	59.8	67.9	52.2	263.	08.50	63.5	64.6	53.0	287.	10.50	58.9	75.0	52.5
240.	06.55	56.7	69.8	52.2	264.	08.55	63.7	67.3	53.2	288.	10.55	59.0	77.4	53.2



General Manager



**TET**

# Thai Environmental Technic Limited

## บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP  
 Project : โครงการผลิตลวดทองแดงส่วนขยาย ครั้งที่ 1  
 Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม  
 อำเภอบางปะกง จังหวัดฉะเชิงเทรา 24130  
 Contact : Tel. (038)-573 231-5  
 Job No. : S660063/Oct/1

Report No. : 3454/2023/1-7  
 Report Date : November 14, 2023  
 Sampling Date : October 27-November 3, 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))		
		27-28/10/23					27-28/10/23					27-28/10/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
1.	09.00	62.6	80.6	51.0	37.	12.00	58.1	71.3	54.3	73.	15.00	61.6	78.2	55.6
2.	09.05	56.7	67.0	52.5	38.	12.05	55.6	69.2	49.0	74.	15.05	60.9	82.7	54.2
3.	09.10	58.0	73.4	53.7	39.	12.10	55.5	76.2	48.1	75.	15.10	57.1	67.2	53.2
4.	09.15	57.7	71.8	51.5	40.	12.15	53.7	62.5	48.3	76.	15.15	59.6	74.2	56.1
5.	09.20	59.9	81.0	51.1	41.	12.20	55.2	64.8	49.0	77.	15.20	59.9	76.3	54.9
6.	09.25	55.2	78.2	48.7	42.	12.25	53.1	61.2	48.4	78.	15.25	61.2	80.7	54.4
7.	09.30	55.3	68.1	48.1	43.	12.30	53.6	62.5	49.1	79.	15.30	61.6	81.8	55.3
8.	09.35	55.8	66.8	47.7	44.	12.35	55.6	69.5	49.6	80.	15.35	60.8	81.8	55.6
9.	09.40	56.2	80.2	46.7	45.	12.40	54.5	63.9	49.7	81.	15.40	62.0	85.4	56.6
10.	09.45	54.3	62.7	47.4	46.	12.45	55.3	70.2	48.9	82.	15.45	61.2	81.1	55.6
11.	09.50	54.7	69.0	47.4	47.	12.50	54.3	63.9	50.1	83.	15.50	59.7	76.3	53.8
12.	09.55	56.6	68.2	52.0	48.	12.55	67.1	79.2	50.3	84.	15.55	58.4	79.1	53.6
13.	10.00	66.4	83.8	53.8	49.	13.00	56.5	71.4	50.7	85.	16.00	61.4	84.2	53.8
14.	10.05	55.6	74.7	49.9	50.	13.05	60.2	81.8	54.6	86.	16.05	58.2	70.0	54.1
15.	10.10	54.6	65.6	47.7	51.	13.10	57.5	77.7	53.2	87.	16.10	61.6	87.5	54.9
16.	10.15	55.0	63.5	48.0	52.	13.15	55.8	69.1	51.1	88.	16.15	60.2	75.2	57.0
17.	10.20	53.9	63.4	48.2	53.	13.20	59.0	81.5	52.9	89.	16.20	60.4	74.6	55.9
18.	10.25	54.5	65.9	48.3	54.	13.25	57.6	73.5	53.2	90.	16.25	61.6	81.7	56.2
19.	10.30	56.0	74.1	49.2	55.	13.30	61.6	72.7	57.5	91.	16.30	60.9	81.7	55.5
20.	10.35	56.9	76.3	51.2	56.	13.35	61.0	81.1	56.1	92.	16.35	59.9	79.9	55.4
21.	10.40	57.1	68.3	51.6	57.	13.40	58.8	76.0	53.1	93.	16.40	58.4	78.3	54.4
22.	10.45	56.2	71.2	50.8	58.	13.45	61.2	82.6	56.1	94.	16.45	58.2	70.7	53.8
23.	10.50	62.2	84.9	51.6	59.	13.50	58.0	72.0	53.0	95.	16.50	57.3	64.3	54.2
24.	10.55	59.4	74.3	55.2	60.	13.55	57.1	71.4	52.4	96.	16.55	58.6	72.6	53.4
25.	11.00	57.6	73.3	54.1	61.	14.00	61.1	82.4	55.6	97.	17.00	58.6	71.3	54.1
26.	11.05	57.6	65.8	53.1	62.	14.05	58.9	74.6	53.4	98.	17.05	59.9	70.6	54.8
27.	11.10	58.1	68.3	54.0	63.	14.10	57.0	72.0	52.0	99.	17.10	59.5	72.4	53.7
28.	11.15	58.1	72.0	53.3	64.	14.15	56.5	66.1	50.7	100.	17.15	57.2	66.8	52.2
29.	11.20	55.5	69.4	49.9	65.	14.20	61.1	83.6	54.2	101.	17.20	56.9	69.6	52.1
30.	11.25	55.6	71.5	50.4	66.	14.25	58.3	75.8	53.2	102.	17.25	61.2	81.6	55.0
31.	11.30	57.2	77.3	52.0	67.	14.30	60.8	75.1	54.2	103.	17.30	61.3	81.3	53.9
32.	11.35	57.8	77.0	53.6	68.	14.35	56.9	76.3	52.0	104.	17.35	63.4	87.1	55.0
33.	11.40	58.8	76.2	54.4	69.	14.40	59.8	77.5	55.1	105.	17.40	57.9	68.3	54.4
34.	11.45	58.9	80.2	53.6	70.	14.45	60.2	78.9	53.3	106.	17.45	58.2	73.6	53.3
35.	11.50	58.8	72.5	53.2	71.	14.50	58.3	67.4	54.7	107.	17.50	57.7	80.1	51.7
36.	11.55	55.9	67.3	50.2	72.	14.55	61.2	77.8	54.6	108.	17.55	61.0	82.7	55.9

**TET**

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))		
		27-28/10/23					27-28/10/23					27-28/10/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
109.	18.00	59.7	79.1	54.4	145.	21.00	53.3	66.3	46.4	181.	00.00	57.0	71.9	52.0
110.	18.05	61.4	85.1	56.3	146.	21.05	56.3	70.3	46.8	182.	00.05	47.5	59.5	45.0
111.	18.10	57.3	68.6	51.8	147.	21.10	59.4	75.4	45.8	183.	00.10	48.3	62.0	45.0
112.	18.15	57.3	75.1	51.4	148.	21.15	52.1	62.4	45.9	184.	00.15	53.7	69.9	45.3
113.	18.20	62.4	89.2	51.9	149.	21.20	61.1	82.1	45.4	185.	00.20	49.0	61.8	45.1
114.	18.25	54.7	64.0	49.3	150.	21.25	51.1	62.2	45.2	186.	00.25	49.8	63.2	45.1
115.	18.30	57.3	72.4	50.0	151.	21.30	52.1	68.5	45.2	187.	00.30	51.0	65.6	45.2
116.	18.35	54.5	66.0	47.7	152.	21.35	52.3	65.5	45.5	188.	00.35	48.5	60.8	44.6
117.	18.40	55.7	76.9	49.0	153.	21.40	49.2	58.8	44.4	189.	00.40	50.1	67.2	44.7
118.	18.45	64.9	79.2	50.3	154.	21.45	54.8	72.8	45.0	190.	00.45	48.5	63.3	44.6
119.	18.50	65.4	80.9	51.2	155.	21.50	50.3	62.2	44.7	191.	00.50	49.6	62.9	45.0
120.	18.55	57.9	70.7	51.1	156.	21.55	53.4	69.3	44.9	192.	00.55	60.1	82.0	45.3
121.	19.00	55.1	67.9	49.0	157.	22.00	56.0	72.5	45.2	193.	01.00	47.6	60.0	44.9
122.	19.05	57.7	69.9	51.7	158.	22.05	49.3	60.4	44.7	194.	01.05	47.3	59.1	45.2
123.	19.10	55.3	66.5	48.2	159.	22.10	50.0	60.3	45.0	195.	01.10	52.2	68.5	45.6
124.	19.15	55.1	66.6	48.4	160.	22.15	53.8	69.4	45.4	196.	01.15	53.5	70.3	46.0
125.	19.20	56.4	67.4	49.4	161.	22.20	54.7	74.6	45.6	197.	01.20	53.1	69.4	45.4
126.	19.25	55.2	66.3	49.0	162.	22.25	50.9	64.3	45.1	198.	01.25	48.6	59.9	44.9
127.	19.30	57.3	71.3	50.4	163.	22.30	48.9	59.0	45.2	199.	01.30	49.1	62.6	45.8
128.	19.35	57.1	67.8	51.1	164.	22.35	53.0	64.0	45.7	200.	01.35	47.5	58.6	45.5
129.	19.40	54.7	64.8	48.0	165.	22.40	54.1	69.9	45.3	201.	01.40	46.6	59.4	44.2
130.	19.45	55.7	68.2	47.5	166.	22.45	51.5	66.8	45.1	202.	01.45	45.2	53.6	44.3
131.	19.50	55.5	67.5	48.8	167.	22.50	50.0	66.7	44.7	203.	01.50	48.1	61.0	44.7
132.	19.55	55.7	67.7	49.1	168.	22.55	51.2	66.0	44.3	204.	01.55	50.9	65.3	44.9
133.	20.00	58.3	73.6	49.7	169.	23.00	49.9	61.7	44.5	205.	02.00	50.5	66.2	44.1
134.	20.05	55.6	64.1	49.5	170.	23.05	50.4	61.8	44.5	206.	02.05	46.1	53.5	44.0
135.	20.10	54.3	66.4	48.4	171.	23.10	49.5	60.8	44.8	207.	02.10	53.2	71.0	44.0
136.	20.15	56.2	69.2	49.0	172.	23.15	48.9	58.7	44.6	208.	02.15	47.4	63.6	43.9
137.	20.20	56.0	73.7	47.8	173.	23.20	49.7	61.0	45.1	209.	02.20	48.3	62.4	43.9
138.	20.25	55.6	66.1	48.4	174.	23.25	53.4	71.8	45.3	210.	02.25	45.4	54.7	43.8
139.	20.30	55.4	67.8	48.3	175.	23.30	49.7	59.8	45.3	211.	02.30	46.1	55.6	43.6
140.	20.35	54.1	62.6	47.8	176.	23.35	50.7	65.1	45.7	212.	02.35	51.5	69.1	45.1
141.	20.40	53.4	64.4	47.1	177.	23.40	59.6	83.4	45.3	213.	02.40	49.9	61.8	44.8
142.	20.45	53.5	66.7	46.8	178.	23.45	51.9	67.6	45.3	214.	02.45	46.2	60.0	44.0
143.	20.50	53.7	64.0	47.6	179.	23.50	53.6	71.8	45.0	215.	02.50	46.5	58.8	44.4
144.	20.55	56.5	74.6	45.7	180.	23.55	51.1	63.5	45.5	216.	02.55	48.2	61.6	44.9





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))		
		27-28/10/23					27-28/10/23					27-28/10/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
217.	03.00	51.0	65.0	46.5	241.	05.00	53.5	68.2	44.7	265.	07.00	57.2	66.2	50.2
218.	03.05	48.6	60.4	44.8	242.	05.05	52.8	65.2	44.7	266.	07.05	58.5	67.7	52.3
219.	03.10	46.5	58.2	44.7	243.	05.10	51.9	64.7	44.8	267.	07.10	56.3	65.5	50.4
220.	03.15	46.7	59.9	44.7	244.	05.15	53.0	62.8	44.9	268.	07.15	57.6	69.1	51.7
221.	03.20	50.3	65.1	44.8	245.	05.20	53.6	67.8	45.3	269.	07.20	59.1	72.3	50.7
222.	03.25	48.4	64.6	44.6	246.	05.25	53.8	66.6	46.3	270.	07.25	56.3	68.3	49.5
223.	03.30	48.7	62.6	44.7	247.	05.30	53.8	69.7	45.5	271.	07.30	63.8	78.1	51.9
224.	03.35	45.8	56.6	44.4	248.	05.35	53.0	62.0	45.5	272.	07.35	64.3	81.7	50.7
225.	03.40	49.7	60.5	44.5	249.	05.40	54.3	67.2	46.5	273.	07.40	59.0	81.0	49.1
226.	03.45	47.8	61.1	44.4	250.	05.45	53.1	62.6	46.4	274.	07.45	55.3	63.2	48.2
227.	03.50	49.1	59.7	44.1	251.	05.50	55.1	64.8	48.3	275.	07.50	57.8	68.7	51.0
228.	03.55	47.3	63.2	44.0	252.	05.55	53.8	66.2	46.8	276.	07.55	57.8	70.5	50.1
229.	04.00	49.6	59.3	44.4	253.	06.00	54.7	62.4	47.4	277.	08.00	57.2	65.6	49.6
230.	04.05	49.3	65.1	44.8	254.	06.05	55.7	68.3	47.6	278.	08.05	57.9	69.6	52.4
231.	04.10	47.2	55.1	45.1	255.	06.10	54.7	62.4	48.4	279.	08.10	57.9	70.5	50.3
232.	04.15	49.6	61.1	44.6	256.	06.15	55.9	70.1	48.6	280.	08.15	55.1	64.5	48.6
233.	04.20	49.6	61.1	45.1	257.	06.20	55.5	64.4	48.5	281.	08.20	55.6	65.2	49.4
234.	04.25	48.0	61.0	44.7	258.	06.25	56.6	66.9	48.9	282.	08.25	57.3	78.8	49.6
235.	04.30	47.8	63.8	44.7	259.	06.30	57.1	66.4	51.0	283.	08.30	55.3	68.3	49.2
236.	04.35	51.4	65.8	44.6	260.	06.35	63.3	79.8	51.1	284.	08.35	57.3	70.9	48.9
237.	04.40	47.2	57.5	44.3	261.	06.40	59.4	74.6	51.6	285.	08.40	56.5	71.4	49.1
238.	04.45	50.2	63.2	44.6	262.	06.45	57.7	67.8	50.7	286.	08.45	56.7	70.1	49.9
239.	04.50	52.0	61.7	45.5	263.	06.50	57.3	69.3	49.1	287.	08.50	55.5	64.6	48.5
240.	04.55	50.4	60.8	44.7	264.	06.55	56.5	67.2	49.3	288.	08.55	57.0	70.5	47.5



General Manager



# Thai Environmental Technic Limited

## บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP  
 Project : โครงการผลิตขวดทองแดงส่วนขยาย ครั้งที่ 1  
 Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม  
 อำเภอบางปะกง จังหวัดฉะเชิงเทรา 24130  
 Contact : Tel. (038)-573 231-5  
 Job No. : S660063/Oct/1

Report No. : 3454/2023/2-7  
 Report Date : November 14, 2023  
 Sampling Date : October 27-November 3, 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))		
		28-29/10/23					28-29/10/23					28-29/10/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
1.	09.00	55.2	66.5	46.8	37.	12.00	56.0	67.9	49.2	73.	15.00	56.0	64.5	51.5
2.	09.05	57.3	75.5	47.3	38.	12.05	54.0	64.5	48.6	74.	15.05	55.6	65.5	52.2
3.	09.10	56.4	70.3	49.2	39.	12.10	54.8	64.2	48.9	75.	15.10	55.2	65.1	50.6
4.	09.15	57.0	66.4	49.5	40.	12.15	54.7	67.4	48.9	76.	15.15	57.9	71.7	52.1
5.	09.20	57.8	71.8	48.6	41.	12.20	53.6	63.4	47.3	77.	15.20	57.2	68.7	50.4
6.	09.25	55.8	66.1	49.5	42.	12.25	65.6	79.3	48.7	78.	15.25	56.4	70.6	50.2
7.	09.30	61.3	70.9	51.4	43.	12.30	61.6	77.4	49.0	79.	15.30	57.7	73.4	48.9
8.	09.35	56.1	67.0	49.3	44.	12.35	55.6	70.6	48.4	80.	15.35	54.9	63.4	49.6
9.	09.40	54.9	63.8	49.1	45.	12.40	54.7	66.8	49.5	81.	15.40	57.7	70.9	51.0
10.	09.45	58.1	72.4	50.0	46.	12.45	58.3	73.8	50.7	82.	15.45	56.7	73.3	49.5
11.	09.50	55.7	65.8	48.9	47.	12.50	57.0	70.1	50.4	83.	15.50	57.6	71.5	50.5
12.	09.55	57.3	68.8	50.3	48.	12.55	56.5	68.2	50.8	84.	15.55	55.3	69.6	49.5
13.	10.00	57.1	66.2	51.8	49.	13.00	55.9	65.8	50.2	85.	16.00	56.3	65.9	50.8
14.	10.05	56.7	66.6	50.5	50.	13.05	55.8	66.2	50.0	86.	16.05	55.5	63.9	49.6
15.	10.10	55.9	64.7	49.8	51.	13.10	58.1	79.2	50.1	87.	16.10	56.1	66.4	48.7
16.	10.15	57.5	74.3	49.5	52.	13.15	54.5	63.4	49.5	88.	16.15	54.6	64.9	48.0
17.	10.20	58.3	79.2	49.8	53.	13.20	56.0	64.7	49.3	89.	16.20	56.9	71.0	48.8
18.	10.25	57.4	79.8	48.8	54.	13.25	55.0	68.1	49.4	90.	16.25	56.5	71.5	48.1
19.	10.30	55.1	67.1	48.8	55.	13.30	56.6	67.4	51.7	91.	16.30	56.9	66.5	49.2
20.	10.35	56.0	68.2	49.0	56.	13.35	56.5	69.0	52.0	92.	16.35	59.0	78.4	50.3
21.	10.40	57.2	68.7	49.9	57.	13.40	57.1	66.1	52.7	93.	16.40	57.5	70.4	51.6
22.	10.45	55.8	74.2	49.9	58.	13.45	56.4	67.9	50.7	94.	16.45	57.5	69.5	50.9
23.	10.50	55.0	68.1	48.2	59.	13.50	53.9	64.0	49.8	95.	16.50	57.1	65.1	50.3
24.	10.55	56.2	70.4	49.2	60.	13.55	55.6	64.6	49.9	96.	16.55	57.3	69.9	49.3
25.	11.00	55.1	64.5	48.9	61.	14.00	56.2	68.5	50.7	97.	17.00	57.4	70.7	49.4
26.	11.05	56.6	74.5	49.4	62.	14.05	56.0	72.5	50.5	98.	17.05	58.2	70.8	51.2
27.	11.10	57.0	77.4	49.1	63.	14.10	56.7	72.0	49.2	99.	17.10	58.2	68.6	52.2
28.	11.15	54.0	65.5	48.1	64.	14.15	55.8	64.3	50.9	100.	17.15	55.9	62.8	50.3
29.	11.20	54.8	65.1	46.7	65.	14.20	56.1	68.1	50.7	101.	17.20	57.1	66.9	51.4
30.	11.25	52.9	62.2	46.4	66.	14.25	56.4	66.9	50.2	102.	17.25	57.4	65.6	50.5
31.	11.30	57.7	70.9	47.5	67.	14.30	56.3	65.3	52.1	103.	17.30	56.3	64.0	50.9
32.	11.35	54.4	65.4	48.2	68.	14.35	58.1	67.9	53.1	104.	17.35	56.5	73.6	49.7
33.	11.40	56.5	71.2	48.7	69.	14.40	57.6	67.9	52.7	105.	17.40	53.3	60.8	49.0
34.	11.45	55.1	64.4	49.3	70.	14.45	60.1	76.7	52.4	106.	17.45	60.1	77.7	50.0
35.	11.50	55.4	69.8	48.6	71.	14.50	57.9	71.2	50.6	107.	17.50	54.5	69.6	49.4
36.	11.55	55.5	66.9	49.3	72.	14.55	55.7	67.3	50.9	108.	17.55	55.5	68.9	48.7





Thai Environmental Technic Limited  
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(2/2-3)

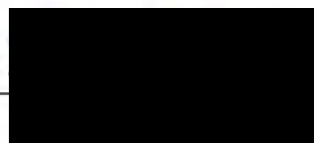
ริมรั้วด้านหน้าโรงงาน														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		28-29/10/23					28-29/10/23					28-29/10/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
109.	18.00	56.5	72.6	48.8	145.	21.00	52.7	64.3	46.3	181.	00.00	52.5	65.3	50.4
110.	18.05	54.8	61.4	49.8	146.	21.05	52.0	62.6	46.6	182.	00.05	52.3	62.0	50.5
111.	18.10	56.1	69.7	47.7	147.	21.10	57.4	76.0	47.0	183.	00.10	53.2	63.4	50.5
112.	18.15	55.1	65.1	49.1	148.	21.15	51.8	62.5	48.3	184.	00.15	52.0	60.5	50.4
113.	18.20	67.1	79.0	48.3	149.	21.20	53.4	69.1	48.2	185.	00.20	53.0	64.5	50.6
114.	18.25	57.4	73.2	50.0	150.	21.25	57.3	84.2	48.6	186.	00.25	51.9	61.7	50.8
115.	18.30	54.7	65.8	48.1	151.	21.30	53.1	64.4	48.0	187.	00.30	54.5	68.7	51.1
116.	18.35	56.0	69.8	48.4	152.	21.35	54.2	68.8	50.2	188.	00.35	52.1	60.5	50.7
117.	18.40	60.3	81.1	48.4	153.	21.40	54.8	66.6	49.2	189.	00.40	51.6	59.5	50.4
118.	18.45	55.4	65.9	47.9	154.	21.45	53.0	64.2	47.5	190.	00.45	52.2	66.3	50.5
119.	18.50	54.0	66.5	47.4	155.	21.50	50.5	63.5	47.0	191.	00.50	52.2	61.4	50.4
120.	18.55	53.7	63.9	47.4	156.	21.55	54.8	70.7	48.7	192.	00.55	51.9	62.4	50.5
121.	19.00	56.0	67.7	48.6	157.	22.00	51.4	60.2	48.9	193.	01.00	51.8	60.6	50.2
122.	19.05	53.6	62.2	47.1	158.	22.05	51.6	67.5	48.4	194.	01.05	52.4	62.0	50.4
123.	19.10	57.6	70.9	48.7	159.	22.10	52.4	63.6	47.7	195.	01.10	51.4	56.2	50.1
124.	19.15	56.5	72.7	47.5	160.	22.15	51.8	69.4	46.4	196.	01.15	51.1	59.2	49.4
125.	19.20	52.2	61.4	45.8	161.	22.20	50.3	66.6	45.9	197.	01.20	51.1	59.3	49.8
126.	19.25	55.2	71.4	47.5	162.	22.25	49.5	59.3	45.8	198.	01.25	50.8	56.9	49.7
127.	19.30	62.8	85.6	48.4	163.	22.30	55.9	70.6	50.1	199.	01.30	53.1	63.3	50.3
128.	19.35	56.2	74.3	47.8	164.	22.35	53.7	65.0	49.4	200.	01.35	51.6	61.4	49.8
129.	19.40	54.5	65.7	46.5	165.	22.40	58.2	78.6	49.6	201.	01.40	51.8	63.4	49.2
130.	19.45	55.4	72.3	45.9	166.	22.45	50.2	58.6	48.7	202.	01.45	50.2	54.8	49.2
131.	19.50	52.8	63.5	45.3	167.	22.50	52.2	71.7	48.3	203.	01.50	50.1	56.4	48.7
132.	19.55	62.5	89.3	47.0	168.	22.55	50.1	56.5	48.6	204.	01.55	49.8	53.4	48.8
133.	20.00	56.2	69.5	48.0	169.	23.00	56.1	65.9	48.9	205.	02.00	50.9	59.2	48.8
134.	20.05	52.7	63.0	46.4	170.	23.05	52.5	65.7	48.7	206.	02.05	50.5	58.6	48.6
135.	20.10	52.8	65.6	46.8	171.	23.10	53.2	66.1	49.9	207.	02.10	50.0	57.4	48.5
136.	20.15	52.5	62.2	46.4	172.	23.15	53.7	63.0	49.6	208.	02.15	50.0	57.7	48.4
137.	20.20	53.2	64.8	47.8	173.	23.20	51.6	60.7	49.3	209.	02.20	51.1	59.9	48.2
138.	20.25	53.6	68.0	46.8	174.	23.25	54.1	70.8	50.1	210.	02.25	50.8	60.8	48.5
139.	20.30	51.8	64.9	45.9	175.	23.30	51.4	58.2	49.7	211.	02.30	49.2	54.5	47.8
140.	20.35	55.0	66.7	47.6	176.	23.35	51.5	62.7	49.8	212.	02.35	49.7	56.6	47.9
141.	20.40	52.6	64.0	46.8	177.	23.40	53.2	68.5	50.3	213.	02.40	50.6	66.9	47.3
142.	20.45	53.1	63.4	45.7	178.	23.45	51.5	63.3	49.7	214.	02.45	50.2	57.8	48.2
143.	20.50	50.3	61.4	45.6	179.	23.50	51.6	56.6	50.5	215.	02.50	49.2	57.5	47.8
144.	20.55	58.0	81.9	45.6	180.	23.55	52.1	59.3	50.5	216.	02.55	48.9	61.1	47.5

**TET**

Thai Environmental Technic Limited  
บริษัท เทคนิกลิ่งแวดล้อมไทย 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))		
		28-29/10/23					28-29/10/23					28-29/10/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
217.	03.00	48.9	55.7	47.6	241.	05.00	46.9	53.1	45.1	265.	07.00	47.7	57.4	46.2
218.	03.05	49.8	60.5	47.7	242.	05.05	47.9	55.9	46.0	266.	07.05	47.2	59.7	45.9
219.	03.10	48.8	57.1	47.4	243.	05.10	47.4	54.3	46.1	267.	07.10	47.4	54.0	45.9
220.	03.15	49.3	59.9	47.6	244.	05.15	49.0	58.5	47.1	268.	07.15	47.6	52.1	46.3
221.	03.20	48.7	53.4	47.5	245.	05.20	48.3	53.6	47.2	269.	07.20	57.6	77.1	51.3
222.	03.25	49.4	61.9	47.7	246.	05.25	49.5	63.6	47.1	270.	07.25	60.8	71.7	52.3
223.	03.30	49.1	58.2	47.7	247.	05.30	48.6	56.1	46.9	271.	07.30	55.1	78.6	51.8
224.	03.35	49.0	56.5	47.4	248.	05.35	48.0	66.1	46.3	272.	07.35	56.5	68.4	52.2
225.	03.40	56.4	80.6	47.4	249.	05.40	48.6	57.9	46.8	273.	07.40	55.7	69.5	51.8
226.	03.45	49.2	58.4	47.2	250.	05.45	48.2	58.8	46.5	274.	07.45	55.1	74.3	51.0
227.	03.50	48.7	54.7	47.6	251.	05.50	49.8	65.1	46.3	275.	07.50	56.3	75.4	51.3
228.	03.55	51.4	69.3	47.8	252.	05.55	48.7	57.8	46.5	276.	07.55	54.5	70.4	51.5
229.	04.00	48.8	57.3	47.6	253.	06.00	48.4	61.7	46.4	277.	08.00	53.2	62.6	51.5
230.	04.05	48.6	55.9	47.4	254.	06.05	47.6	58.4	46.1	278.	08.05	53.7	65.3	51.6
231.	04.10	50.3	61.4	48.0	255.	06.10	47.8	52.9	46.6	279.	08.10	55.9	71.1	52.1
232.	04.15	48.5	53.5	47.3	256.	06.15	47.9	56.9	46.4	280.	08.15	63.3	82.2	53.3
233.	04.20	48.6	52.1	47.5	257.	06.20	48.3	57.9	46.3	281.	08.20	59.3	81.8	54.2
234.	04.25	49.4	56.5	48.2	258.	06.25	48.1	53.6	46.4	282.	08.25	55.1	59.0	53.3
235.	04.30	48.6	53.2	47.4	259.	06.30	47.6	53.9	46.3	283.	08.30	54.8	64.6	53.3
236.	04.35	49.5	60.1	46.7	260.	06.35	47.4	56.4	45.7	284.	08.35	55.9	69.3	53.9
237.	04.40	48.6	57.5	46.9	261.	06.40	46.8	52.4	45.5	285.	08.40	61.5	80.9	53.6
238.	04.45	47.6	57.1	46.1	262.	06.45	47.3	52.4	46.1	286.	08.45	54.1	71.1	51.9
239.	04.50	47.3	55.5	46.0	263.	06.50	48.0	62.8	45.6	287.	08.50	56.0	76.4	53.0
240.	04.55	47.3	56.9	45.9	264.	06.55	49.0	62.2	45.9	288.	08.55	55.8	69.7	53.0



General Manager





# Thai Environmental Technic Limited

## บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP  
 Project : โครงการผลิตขวดทองแดงส่วนขยาย ครั้งที่ 1  
 Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม  
 อำเภอบางปะกง จังหวัดฉะเชิงเทรา 24130  
 Contact : Tel. (038)-573 231-5  
 Job No. : S660063/Oct/1

Report No. : 3454/2023/3-7  
 Report Date : November 14, 2023  
 Sampling Date : October 27-November 3, 2023  
 Type of Sample : Sound Level

(3/1-3)

### ริมรั้วด้านหน้าโรงงาน

บริเวณด้านหน้าโรงงาน														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		29-30/10/23					29-30/10/23					29-30/10/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
1.	09.00	54.6	65.9	52.9	37.	12.00	55.7	81.6	51.4	73.	15.00	55.3	60.6	53.1
2.	09.05	56.2	70.6	52.5	38.	12.05	54.5	72.6	51.6	74.	15.05	57.2	72.2	53.9
3.	09.10	56.0	67.6	52.6	39.	12.10	54.6	70.4	52.1	75.	15.10	57.2	71.4	54.2
4.	09.15	57.0	68.2	55.2	40.	12.15	53.5	71.4	51.6	76.	15.15	56.8	60.6	54.1
5.	09.20	57.4	74.2	55.6	41.	12.20	54.5	72.0	51.2	77.	15.20	55.5	64.2	53.5
6.	09.25	56.0	68.1	53.6	42.	12.25	53.4	61.6	51.1	78.	15.25	55.9	66.1	53.6
7.	09.30	53.1	58.5	51.7	43.	12.30	57.6	68.6	54.6	79.	15.30	55.5	69.3	53.1
8.	09.35	54.3	66.9	52.5	44.	12.35	56.4	65.7	52.2	80.	15.35	55.3	65.2	53.1
9.	09.40	55.7	68.0	54.1	45.	12.40	61.5	72.9	52.6	81.	15.40	55.7	69.6	52.3
10.	09.45	55.5	61.7	54.4	46.	12.45	58.7	70.5	52.6	82.	15.45	55.7	63.9	52.4
11.	09.50	59.5	76.3	55.2	47.	12.50	58.5	69.8	52.2	83.	15.50	56.5	68.9	53.3
12.	09.55	57.0	72.2	54.9	48.	12.55	56.1	65.9	51.5	84.	15.55	56.7	70.3	52.6
13.	10.00	58.5	74.1	55.8	49.	13.00	57.4	72.3	50.9	85.	16.00	55.7	66.5	52.1
14.	10.05	59.1	70.7	55.7	50.	13.05	60.2	74.0	53.3	86.	16.05	54.8	62.4	52.3
15.	10.10	58.2	81.0	55.5	51.	13.10	56.9	67.4	51.2	87.	16.10	57.2	67.5	54.1
16.	10.15	60.1	76.4	55.2	52.	13.15	57.0	66.7	51.5	88.	16.15	56.4	63.7	52.5
17.	10.20	57.5	77.6	54.9	53.	13.20	55.9	65.2	52.0	89.	16.20	58.8	71.6	56.7
18.	10.25	60.0	73.1	56.5	54.	13.25	55.1	68.1	50.5	90.	16.25	57.1	76.0	53.2
19.	10.30	58.5	66.8	56.3	55.	13.30	53.7	64.0	50.2	91.	16.30	58.7	68.6	53.4
20.	10.35	58.3	73.4	56.5	56.	13.35	54.7	62.8	51.6	92.	16.35	58.8	77.9	53.3
21.	10.40	57.6	69.1	55.3	57.	13.40	54.4	61.5	51.6	93.	16.40	54.9	63.3	52.7
22.	10.45	59.6	76.2	55.4	58.	13.45	56.0	72.3	50.7	94.	16.45	56.6	65.1	54.4
23.	10.50	58.1	75.4	54.7	59.	13.50	54.1	60.0	52.2	95.	16.50	56.8	64.6	53.1
24.	10.55	59.3	73.4	54.4	60.	13.55	54.6	68.7	51.1	96.	16.55	58.4	76.5	54.8
25.	11.00	58.3	71.0	55.1	61.	14.00	56.7	72.5	51.3	97.	17.00	58.3	67.0	56.4
26.	11.05	57.4	65.5	55.0	62.	14.05	57.7	71.4	50.4	98.	17.05	61.1	69.9	55.9
27.	11.10	57.1	68.2	54.8	63.	14.10	56.7	65.6	51.2	99.	17.10	58.3	66.2	56.0
28.	11.15	56.6	72.4	54.4	64.	14.15	57.7	69.5	50.7	100.	17.15	57.8	62.2	56.0
29.	11.20	55.6	66.3	54.2	65.	14.20	57.6	66.8	51.9	101.	17.20	59.7	70.2	54.1
30.	11.25	58.7	71.2	54.6	66.	14.25	56.1	64.9	51.4	102.	17.25	62.1	77.8	55.7
31.	11.30	57.9	68.8	54.5	67.	14.30	54.7	64.0	49.9	103.	17.30	59.3	72.7	54.1
32.	11.35	57.0	75.4	55.0	68.	14.35	54.0	69.4	49.6	104.	17.35	57.8	67.3	53.5
33.	11.40	55.2	73.2	50.6	69.	14.40	56.7	70.6	51.9	105.	17.40	60.4	71.0	57.5
34.	11.45	58.8	89.5	50.7	70.	14.45	55.6	62.0	51.6	106.	17.45	59.9	74.6	55.2
35.	11.50	53.0	64.2	50.9	71.	14.50	58.0	63.8	56.4	107.	17.50	57.4	72.0	54.9
36.	11.55	52.6	64.2	50.9	72.	14.55	58.6	75.2	55.1	108.	17.55	60.7	71.9	55.2

**TET**

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))		
		29-30/10/23					29-30/10/23					29-30/10/23		
		Leq	Lmax	L90			Leq	Lmax	L90			Leq	Lmax	L90
109.	18.00	56.7	67.7	55.0	145.	21.00	51.7	61.9	49.0	181.	00.00	51.0	67.7	47.5
110.	18.05	59.3	72.5	57.3	146.	21.05	50.8	57.7	49.5	182.	00.05	54.0	75.4	48.4
111.	18.10	57.3	61.6	56.1	147.	21.10	51.3	59.3	49.7	183.	00.10	49.8	58.5	48.1
112.	18.15	58.8	71.1	55.0	148.	21.15	53.6	71.7	49.9	184.	00.15	50.2	62.7	47.6
113.	18.20	58.7	70.7	56.0	149.	21.20	51.0	59.3	49.3	185.	00.20	51.5	66.2	47.8
114.	18.25	56.7	66.2	51.8	150.	21.25	51.9	61.3	50.0	186.	00.25	51.3	64.5	48.5
115.	18.30	56.5	59.9	55.1	151.	21.30	51.8	59.3	49.9	187.	00.30	50.3	55.9	48.9
116.	18.35	57.2	67.8	52.5	152.	21.35	51.4	57.1	49.6	188.	00.35	50.4	55.3	48.9
117.	18.40	58.3	62.3	56.3	153.	21.40	50.8	55.7	49.6	189.	00.40	50.1	58.6	49.1
118.	18.45	56.5	66.9	52.0	154.	21.45	51.6	63.3	49.6	190.	00.45	50.2	55.5	49.1
119.	18.50	56.4	65.9	51.5	155.	21.50	51.0	59.9	48.9	191.	00.50	50.2	54.9	49.1
120.	18.55	56.7	68.7	54.0	156.	21.55	50.2	57.8	48.9	192.	00.55	50.3	53.3	49.3
121.	19.00	58.1	69.7	51.8	157.	22.00	50.2	59.3	48.7	193.	01.00	50.4	54.1	49.3
122.	19.05	55.8	67.9	52.1	158.	22.05	51.1	61.4	48.6	194.	01.05	50.1	56.2	48.8
123.	19.10	56.5	69.0	55.0	159.	22.10	50.3	58.1	48.4	195.	01.10	62.0	78.4	49.5
124.	19.15	60.8	86.6	52.4	160.	22.15	50.0	58.4	47.8	196.	01.15	51.1	65.5	49.1
125.	19.20	55.6	64.2	54.5	161.	22.20	51.6	70.7	47.8	197.	01.20	50.1	56.6	48.9
126.	19.25	55.6	69.5	51.3	162.	22.25	50.6	57.4	48.7	198.	01.25	50.8	65.2	48.5
127.	19.30	60.6	69.7	54.6	163.	22.30	50.1	58.7	48.4	199.	01.30	49.4	58.0	48.0
128.	19.35	56.2	69.4	52.6	164.	22.35	49.9	60.8	48.5	200.	01.35	48.6	51.9	47.8
129.	19.40	54.6	64.5	52.7	165.	22.40	49.2	62.2	48.1	201.	01.40	56.7	74.2	48.1
130.	19.45	59.6	74.7	54.2	166.	22.45	49.1	55.0	47.5	202.	01.45	48.7	53.9	47.3
131.	19.50	56.1	72.0	51.7	167.	22.50	48.9	58.7	47.7	203.	01.50	48.5	54.1	47.5
132.	19.55	57.6	68.4	51.2	168.	22.55	52.5	69.6	47.7	204.	01.55	49.4	55.7	48.3
133.	20.00	56.5	67.0	49.2	169.	23.00	50.4	64.4	47.6	205.	02.00	50.3	60.3	48.2
134.	20.05	52.5	66.4	49.1	170.	23.05	49.9	57.2	48.2	206.	02.05	49.9	56.5	48.5
135.	20.10	54.1	65.5	49.3	171.	23.10	50.9	60.7	48.4	207.	02.10	49.0	54.3	48.0
136.	20.15	59.4	72.2	50.9	172.	23.15	51.0	66.2	47.9	208.	02.15	49.8	57.2	48.3
137.	20.20	57.2	72.6	50.6	173.	23.20	49.5	54.3	47.8	209.	02.20	48.5	54.4	47.5
138.	20.25	53.4	67.8	49.5	174.	23.25	49.8	58.8	48.0	210.	02.25	48.3	53.6	47.1
139.	20.30	51.2	62.0	48.6	175.	23.30	49.3	58.1	47.4	211.	02.30	49.0	57.1	47.3
140.	20.35	52.0	59.3	49.8	176.	23.35	50.2	61.7	47.7	212.	02.35	49.6	57.9	47.8
141.	20.40	51.2	58.4	49.5	177.	23.40	52.2	71.7	48.0	213.	02.40	49.6	57.1	47.8
142.	20.45	50.8	57.3	49.5	178.	23.45	52.9	72.1	47.3	214.	02.45	50.5	67.8	47.1
143.	20.50	53.4	67.8	49.8	179.	23.50	49.3	58.4	47.2	215.	02.50	48.1	57.6	46.6
144.	20.55	52.2	70.2	49.0	180.	23.55	49.8	59.5	47.8	216.	02.55	48.3	55.2	47.1

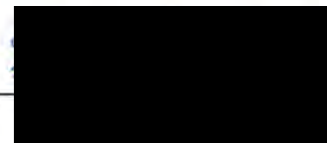




Thai Environmental Technic Limited  
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(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))		
		29-30/10/23					29-30/10/23					29-30/10/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
217.	03.00	49.3	57.5	47.8	241.	05.00	52.6	72.7	47.5	265.	07.00	55.8	73.5	50.0
218.	03.05	49.4	60.8	47.4	242.	05.05	53.8	65.3	48.4	266.	07.05	56.1	77.5	49.6
219.	03.10	49.7	64.6	47.4	243.	05.10	55.1	65.7	48.8	267.	07.10	54.4	66.2	50.2
220.	03.15	48.5	57.7	47.1	244.	05.15	52.1	60.4	48.2	268.	07.15	56.1	73.5	49.9
221.	03.20	48.3	64.1	46.3	245.	05.20	52.3	64.7	48.0	269.	07.20	55.2	75.1	49.2
222.	03.25	48.0	57.0	46.3	246.	05.25	52.1	64.2	48.1	270.	07.25	56.4	78.1	50.4
223.	03.30	47.2	53.4	45.2	247.	05.30	53.5	62.0	49.4	271.	07.30	62.1	76.0	56.7
224.	03.35	50.0	70.5	46.4	248.	05.35	54.1	66.7	49.5	272.	07.35	58.7	76.2	51.1
225.	03.40	50.5	66.4	46.4	249.	05.40	52.9	66.5	48.3	273.	07.40	53.9	64.1	49.5
226.	03.45	48.4	59.0	46.3	250.	05.45	51.9	64.5	47.8	274.	07.45	53.4	61.9	49.2
227.	03.50	47.6	57.8	45.6	251.	05.50	50.0	59.8	47.3	275.	07.50	60.2	79.8	49.9
228.	03.55	47.6	58.8	45.8	252.	05.55	55.9	75.9	48.3	276.	07.55	52.6	63.9	50.1
229.	04.00	47.4	56.1	45.4	253.	06.00	54.7	75.9	48.7	277.	08.00	57.1	75.7	50.7
230.	04.05	48.0	57.3	46.2	254.	06.05	56.6	76.0	49.2	278.	08.05	52.8	59.9	50.7
231.	04.10	49.3	58.8	47.2	255.	06.10	56.9	73.7	49.4	279.	08.10	53.4	70.3	50.1
232.	04.15	47.5	58.0	45.0	256.	06.15	53.2	63.9	49.8	280.	08.15	52.6	61.0	50.4
233.	04.20	48.2	57.2	45.1	257.	06.20	51.7	58.2	49.6	281.	08.20	54.2	60.8	50.8
234.	04.25	47.9	59.0	46.1	258.	06.25	62.2	92.3	50.3	282.	08.25	55.7	63.3	54.1
235.	04.30	47.8	57.9	45.2	259.	06.30	63.2	80.1	51.8	283.	08.30	56.4	73.3	54.3
236.	04.35	48.6	60.7	46.1	260.	06.35	57.7	72.1	51.6	284.	08.35	55.2	62.2	53.7
237.	04.40	53.2	72.6	46.0	261.	06.40	61.9	79.9	50.1	285.	08.40	55.4	59.9	54.1
238.	04.45	51.9	74.6	47.6	262.	06.45	65.6	82.8	50.4	286.	08.45	56.0	67.0	54.4
239.	04.50	49.2	56.5	47.3	263.	06.50	58.3	75.3	51.2	287.	08.50	55.4	61.1	54.2
240.	04.55	48.8	58.4	46.8	264.	06.55	58.4	68.1	50.4	288.	08.55	64.1	79.5	54.3



General Manager

**TET****Thai Environmental Technic Limited****บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด**

Customer Name : บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP  
 Project : โครงการผลิตขวดทองแดงส่วนขยาย ครั้งที่ 1  
 Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม  
 อำเภอบางปะกง จังหวัดฉะเชิงเทรา 24130  
 Contact : Tel. (038)-573 231-5  
 Job No. : S660063/Oct/1

Report No. : 3454/2023/4-7  
 Report Date : November 14, 2023  
 Sampling Date : October 27-November 3, 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))		
		30-31/10/23					30-31/10/23					30-31/10/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
1.	09.00	57.6	75.8	53.9	37.	12.00	52.6	65.2	45.5	73.	15.00	55.3	65.6	47.5
2.	09.05	67.3	95.0	53.9	38.	12.05	53.3	63.9	47.1	74.	15.05	54.6	65.4	47.9
3.	09.10	58.5	75.6	53.4	39.	12.10	60.7	77.4	47.2	75.	15.10	54.8	65.3	48.6
4.	09.15	56.8	75.1	52.5	40.	12.15	54.1	69.0	46.7	76.	15.15	53.6	63.0	47.0
5.	09.20	58.5	71.3	52.6	41.	12.20	54.5	64.2	47.7	77.	15.20	55.2	66.2	46.9
6.	09.25	58.9	75.9	53.2	42.	12.25	55.0	71.8	46.6	78.	15.25	55.7	67.3	48.1
7.	09.30	57.7	71.3	53.2	43.	12.30	66.1	79.5	48.2	79.	15.30	56.5	69.3	48.8
8.	09.35	56.8	73.4	52.6	44.	12.35	56.0	70.7	46.1	80.	15.35	56.1	66.2	50.0
9.	09.40	59.4	83.3	52.5	45.	12.40	57.1	70.0	52.0	81.	15.40	56.0	65.5	50.8
10.	09.45	59.3	73.4	53.5	46.	12.45	52.9	64.4	47.5	82.	15.45	56.7	65.8	50.3
11.	09.50	60.7	66.6	59.7	47.	12.50	55.9	76.0	48.2	83.	15.50	62.0	76.0	52.9
12.	09.55	61.6	69.2	59.4	48.	12.55	53.7	63.2	47.4	84.	15.55	64.0	81.0	50.6
13.	10.00	62.0	74.5	60.2	49.	13.00	53.3	60.7	47.0	85.	16.00	63.7	80.8	50.3
14.	10.05	61.9	76.0	60.5	50.	13.05	56.9	73.5	50.9	86.	16.05	66.8	78.1	59.9
15.	10.10	61.7	80.5	60.0	51.	13.10	58.4	79.4	51.3	87.	16.10	61.2	68.2	56.5
16.	10.15	61.9	72.9	60.1	52.	13.15	55.7	68.7	52.0	88.	16.15	59.7	70.2	53.5
17.	10.20	61.5	67.9	60.2	53.	13.20	56.9	80.4	50.2	89.	16.20	57.9	66.2	53.0
18.	10.25	61.0	71.3	52.9	54.	13.25	52.4	62.3	45.9	90.	16.25	58.5	66.5	54.3
19.	10.30	53.3	63.9	48.1	55.	13.30	57.0	80.8	49.5	91.	16.30	60.9	75.4	56.7
20.	10.35	56.1	68.0	48.8	56.	13.35	56.2	69.5	48.8	92.	16.35	59.4	66.8	56.5
21.	10.40	55.8	77.4	49.7	57.	13.40	55.3	69.1	47.5	93.	16.40	60.8	72.3	56.7
22.	10.45	55.7	72.6	49.9	58.	13.45	52.9	64.1	45.7	94.	16.45	61.4	72.5	58.1
23.	10.50	53.9	64.1	49.2	59.	13.50	54.1	64.0	47.0	95.	16.50	59.6	69.8	54.2
24.	10.55	57.5	84.3	49.8	60.	13.55	52.3	66.3	46.4	96.	16.55	57.7	67.0	52.9
25.	11.00	55.3	71.3	46.2	61.	14.00	52.9	64.4	46.7	97.	17.00	58.2	73.5	53.1
26.	11.05	56.7	76.0	46.8	62.	14.05	54.0	68.0	47.1	98.	17.05	57.7	64.3	52.0
27.	11.10	53.9	67.6	46.4	63.	14.10	56.8	72.9	49.5	99.	17.10	58.4	65.4	51.0
28.	11.15	53.2	67.0	46.2	64.	14.15	53.9	66.0	47.6	100.	17.15	58.0	66.9	52.3
29.	11.20	54.8	68.8	48.9	65.	14.20	53.5	63.8	47.0	101.	17.20	60.0	73.4	55.7
30.	11.25	55.4	79.0	47.2	66.	14.25	54.5	63.2	46.8	102.	17.25	57.2	64.7	52.7
31.	11.30	52.0	60.3	46.2	67.	14.30	54.4	69.9	45.8	103.	17.30	57.0	67.3	51.3
32.	11.35	56.7	72.6	46.9	68.	14.35	58.6	79.8	52.1	104.	17.35	57.8	72.1	51.3
33.	11.40	57.8	77.7	49.0	69.	14.40	53.9	63.6	47.2	105.	17.40	56.3	64.2	50.2
34.	11.45	55.3	75.7	46.0	70.	14.45	53.6	68.7	48.2	106.	17.45	56.3	64.6	49.5
35.	11.50	51.2	60.6	45.6	71.	14.50	54.8	71.1	48.9	107.	17.50	54.2	65.1	48.0
36.	11.55	52.2	61.7	45.8	72.	14.55	55.1	65.8	48.1	108.	17.55	56.2	71.1	48.7





Thai Environmental Technic Limited  
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(4/2-3)

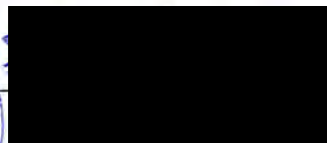
ริมรั้วด้านหน้าโรงงาน														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		30-31/10/23					30-31/10/23					30-31/10/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
109.	18.00	55.2	65.0	49.0	145.	21.00	52.5	69.5	46.6	181.	00.00	51.3	61.3	49.5
110.	18.05	56.7	69.8	49.5	146.	21.05	52.0	67.3	45.9	182.	00.05	51.4	61.0	49.5
111.	18.10	54.9	63.8	48.7	147.	21.10	50.1	60.4	45.4	183.	00.10	51.5	63.5	49.9
112.	18.15	53.9	67.1	47.0	148.	21.15	51.8	63.6	46.9	184.	00.15	52.4	65.8	49.9
113.	18.20	66.8	80.2	49.2	149.	21.20	51.9	62.9	49.4	185.	00.20	51.5	58.9	49.8
114.	18.25	56.9	74.0	48.6	150.	21.25	53.2	64.2	50.2	186.	00.25	51.2	59.5	49.7
115.	18.30	59.4	86.0	52.7	151.	21.30	57.8	77.2	50.3	187.	00.30	50.4	57.0	49.5
116.	18.35	62.9	80.1	59.1	152.	21.35	53.0	66.0	50.0	188.	00.35	51.2	63.6	49.5
117.	18.40	61.3	83.1	57.0	153.	21.40	54.0	69.0	50.0	189.	00.40	50.0	57.8	49.1
118.	18.45	58.3	71.1	52.4	154.	21.45	51.2	59.1	49.6	190.	00.45	50.0	57.9	49.1
119.	18.50	57.8	65.7	52.1	155.	21.50	53.7	68.5	49.6	191.	00.50	50.1	59.5	48.9
120.	18.55	58.8	69.5	52.6	156.	21.55	51.2	63.5	49.7	192.	00.55	49.9	57.3	48.9
121.	19.00	56.3	67.6	51.7	157.	22.00	52.3	65.9	49.6	193.	01.00	50.6	61.5	49.1
122.	19.05	58.3	72.7	53.4	158.	22.05	51.2	59.3	49.5	194.	01.05	49.5	53.8	48.9
123.	19.10	58.2	70.6	52.1	159.	22.10	51.7	64.2	49.4	195.	01.10	49.6	51.0	49.0
124.	19.15	57.0	67.9	51.7	160.	22.15	53.1	68.2	49.1	196.	01.15	49.8	53.5	49.1
125.	19.20	56.5	67.8	49.8	161.	22.20	50.9	61.5	49.2	197.	01.20	47.8	54.8	45.4
126.	19.25	55.0	64.2	49.5	162.	22.25	51.6	61.5	49.6	198.	01.25	47.1	58.2	45.2
127.	19.30	61.9	82.1	50.2	163.	22.30	52.0	65.3	49.4	199.	01.30	46.5	56.4	45.0
128.	19.35	55.6	64.5	50.0	164.	22.35	52.1	63.0	49.8	200.	01.35	46.5	54.9	45.4
129.	19.40	55.3	62.4	50.1	165.	22.40	53.1	66.8	49.6	201.	01.40	51.9	71.0	45.1
130.	19.45	62.3	84.5	50.2	166.	22.45	53.2	67.6	49.6	202.	01.45	47.4	64.1	45.1
131.	19.50	55.2	65.9	49.6	167.	22.50	51.9	63.5	49.6	203.	01.50	46.9	62.5	45.1
132.	19.55	54.7	68.7	48.5	168.	22.55	61.8	79.4	49.8	204.	01.55	46.9	60.7	45.3
133.	20.00	55.3	62.0	51.9	169.	23.00	52.6	67.1	49.5	205.	02.00	45.4	47.7	44.8
134.	20.05	55.0	63.5	49.3	170.	23.05	50.8	58.9	49.5	206.	02.05	46.2	56.5	44.8
135.	20.10	56.7	77.4	47.6	171.	23.10	51.7	60.5	49.8	207.	02.10	45.7	53.7	44.6
136.	20.15	55.9	72.2	47.7	172.	23.15	51.7	61.0	49.8	208.	02.15	50.1	65.5	45.3
137.	20.20	54.5	73.1	47.0	173.	23.20	53.1	64.7	50.0	209.	02.20	47.2	59.3	45.4
138.	20.25	52.7	63.1	46.6	174.	23.25	51.1	57.9	49.8	210.	02.25	46.9	59.0	45.4
139.	20.30	53.3	64.9	47.0	175.	23.30	51.6	62.2	49.9	211.	02.30	50.2	64.6	45.8
140.	20.35	53.9	67.8	46.5	176.	23.35	51.5	61.6	50.1	212.	02.35	47.8	59.0	45.5
141.	20.40	58.4	75.0	47.2	177.	23.40	51.6	60.1	50.0	213.	02.40	49.6	62.5	45.5
142.	20.45	51.9	62.5	46.4	178.	23.45	51.4	62.0	50.0	214.	02.45	47.5	61.8	45.2
143.	20.50	51.6	64.7	45.4	179.	23.50	51.1	62.7	49.9	215.	02.50	49.8	66.1	45.2
144.	20.55	51.1	63.6	45.9	180.	23.55	50.3	55.5	49.5	216.	02.55	46.9	61.6	44.4

**TET**

Thai Environmental Technic Limited  
บริษัท เทคนิกลิ่งแวดล้อมไทย 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))		
		30-31/10/23					30-31/10/23					30-31/10/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
217.	03.00	49.3	60.9	44.9	241.	05.00	52.2	62.0	45.8	265.	07.00	59.0	71.4	53.8
218.	03.05	46.5	59.3	44.3	242.	05.05	52.9	63.3	46.3	266.	07.05	66.4	79.3	55.0
219.	03.10	48.2	62.0	44.1	243.	05.10	53.2	63.3	47.1	267.	07.10	60.3	86.1	51.3
220.	03.15	48.4	62.6	43.9	244.	05.15	54.2	64.7	47.2	268.	07.15	55.6	65.6	49.1
221.	03.20	49.3	63.4	44.2	245.	05.20	53.6	64.9	46.6	269.	07.20	57.0	65.1	50.1
222.	03.25	45.7	57.9	43.7	246.	05.25	54.4	63.5	46.0	270.	07.25	59.1	75.2	48.8
223.	03.30	47.8	59.6	43.8	247.	05.30	54.8	67.8	47.2	271.	07.30	59.3	81.2	53.2
224.	03.35	48.0	60.3	44.1	248.	05.35	54.9	63.8	46.9	272.	07.35	58.4	73.5	49.6
225.	03.40	48.1	61.6	44.2	249.	05.40	54.7	65.5	48.2	273.	07.40	58.2	75.0	51.0
226.	03.45	49.0	63.1	44.1	250.	05.45	54.8	67.1	48.0	274.	07.45	56.4	65.8	51.2
227.	03.50	50.1	63.1	43.9	251.	05.50	58.2	73.0	48.8	275.	07.50	54.6	62.3	49.1
228.	03.55	50.9	65.1	44.3	252.	05.55	56.9	67.0	50.9	276.	07.55	55.7	68.7	49.4
229.	04.00	50.5	65.4	44.3	253.	06.00	57.3	68.7	51.0	277.	08.00	53.4	66.6	48.4
230.	04.05	46.3	59.3	43.9	254.	06.05	62.5	79.0	49.5	278.	08.05	51.6	63.6	47.3
231.	04.10	48.2	59.4	44.2	255.	06.10	65.8	79.3	54.1	279.	08.10	51.8	61.6	48.5
232.	04.15	49.1	62.7	44.1	256.	06.15	58.5	68.1	52.6	280.	08.15	55.0	70.7	50.9
233.	04.20	50.4	62.1	43.8	257.	06.20	56.5	65.6	51.5	281.	08.20	55.0	67.1	49.9
234.	04.25	55.2	67.0	45.0	258.	06.25	58.3	73.2	51.7	282.	08.25	55.3	65.3	49.6
235.	04.30	49.3	60.5	43.9	259.	06.30	58.4	67.5	51.6	283.	08.30	56.2	67.5	47.8
236.	04.35	50.8	60.8	43.9	260.	06.35	58.5	71.3	52.7	284.	08.35	58.7	74.3	52.4
237.	04.40	56.1	73.3	45.4	261.	06.40	57.5	65.8	53.4	285.	08.40	56.6	69.2	48.7
238.	04.45	53.7	65.6	45.8	262.	06.45	56.8	65.2	53.0	286.	08.45	55.7	65.1	50.8
239.	04.50	52.6	63.7	45.8	263.	06.50	56.4	63.8	50.8	287.	08.50	61.9	80.3	50.4
240.	04.55	52.0	63.0	45.2	264.	06.55	56.8	65.6	52.0	288.	08.55	59.2	75.0	52.9



General Manager





# Thai Environmental Technic Limited

## บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP  
 Project : โครงการผลิตลวดทองแดงส่วนขยาย ครั้งที่ 1  
 Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม  
 อำเภอบางปะกง จังหวัดฉะเชิงเทรา 24130  
 Contact : Tel. (038)-573 231-5  
 Job No. : S660063/Oct/1

Report No. : 3454/2023/5-7  
 Report Date : November 14, 2023  
 Sampling Date : October 27-November 3, 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))		
		31/10-01/11/23					31/10-01/11/23					31/10-01/11/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
1.	09.00	58.1	69.4	53.5	37.	12.00	54.1	63.9	46.3	73.	15.00	54.2	67.6	47.2
2.	09.05	57.6	81.9	48.5	38.	12.05	54.8	67.0	47.7	74.	15.05	53.7	63.1	47.4
3.	09.10	54.3	63.1	48.4	39.	12.10	52.8	61.5	46.1	75.	15.10	55.6	71.0	45.9
4.	09.15	57.4	73.7	49.8	40.	12.15	65.5	79.5	47.0	76.	15.15	53.0	62.0	46.5
5.	09.20	56.3	67.2	50.7	41.	12.20	56.7	72.1	45.4	77.	15.20	54.0	62.5	47.2
6.	09.25	54.6	63.9	47.4	42.	12.25	59.1	80.2	49.5	78.	15.25	55.1	64.6	48.7
7.	09.30	54.0	68.5	48.2	43.	12.30	52.7	62.6	46.8	79.	15.30	55.8	69.8	48.7
8.	09.35	56.0	67.4	52.9	44.	12.35	57.7	66.8	51.5	80.	15.35	57.2	80.9	47.5
9.	09.40	55.8	75.5	50.0	45.	12.40	54.1	65.8	48.0	81.	15.40	53.6	62.0	46.6
10.	09.45	55.9	69.3	49.3	46.	12.45	53.5	65.0	47.5	82.	15.45	55.6	66.8	49.5
11.	09.50	54.7	64.7	48.4	47.	12.50	55.0	66.8	47.4	83.	15.50	54.0	69.4	46.8
12.	09.55	56.6	72.5	49.6	48.	12.55	55.7	68.0	49.0	84.	15.55	58.6	80.6	52.1
13.	10.00	53.9	65.8	47.9	49.	13.00	52.9	62.3	46.4	85.	16.00	54.5	65.8	50.9
14.	10.05	58.1	74.0	52.4	50.	13.05	57.7	72.2	49.6	86.	16.05	56.3	71.3	50.9
15.	10.10	53.1	66.9	47.0	51.	13.10	58.3	81.6	51.0	87.	16.10	56.0	70.9	51.5
16.	10.15	55.0	70.6	47.6	52.	13.15	56.6	68.5	50.1	88.	16.15	58.4	74.4	51.4
17.	10.20	54.5	66.7	49.3	53.	13.20	56.8	74.4	48.5	89.	16.20	59.1	75.2	56.1
18.	10.25	55.0	64.5	48.7	54.	13.25	54.3	70.7	49.1	90.	16.25	59.2	73.1	54.0
19.	10.30	53.7	65.5	46.7	55.	13.30	53.7	65.1	45.6	91.	16.30	57.1	65.1	52.4
20.	10.35	56.5	71.1	47.2	56.	13.35	53.0	62.0	46.1	92.	16.35	56.6	65.2	50.8
21.	10.40	56.7	69.1	48.2	57.	13.40	57.8	65.9	51.2	93.	16.40	59.2	73.6	50.7
22.	10.45	55.6	72.4	47.9	58.	13.45	57.6	66.6	51.2	94.	16.45	57.4	69.4	49.6
23.	10.50	54.8	65.1	47.4	59.	13.50	57.1	75.4	50.1	95.	16.50	56.1	66.8	49.5
24.	10.55	54.9	65.3	48.6	60.	13.55	55.5	65.9	49.4	96.	16.55	55.8	67.2	50.1
25.	11.00	54.3	66.0	47.2	61.	14.00	56.7	76.0	48.1	97.	17.00	56.2	72.4	48.8
26.	11.05	52.6	63.4	45.9	62.	14.05	56.5	76.5	51.0	98.	17.05	56.2	65.8	47.8
27.	11.10	53.3	66.4	46.5	63.	14.10	57.5	74.9	51.2	99.	17.10	55.7	63.3	53.4
28.	11.15	54.9	66.2	47.9	64.	14.15	56.7	71.9	48.2	100.	17.15	54.5	58.4	52.9
29.	11.20	62.5	89.8	48.8	65.	14.20	52.5	61.4	46.2	101.	17.20	54.7	61.5	53.0
30.	11.25	55.6	70.5	48.5	66.	14.25	51.8	60.7	46.1	102.	17.25	54.4	60.4	53.1
31.	11.30	55.9	70.8	48.0	67.	14.30	54.6	66.0	47.2	103.	17.30	54.7	61.4	53.2
32.	11.35	54.6	63.1	48.4	68.	14.35	54.4	65.1	47.8	104.	17.35	55.4	66.9	52.2
33.	11.40	54.5	65.3	46.1	69.	14.40	55.4	72.2	46.8	105.	17.40	54.8	65.4	52.3
34.	11.45	54.5	65.4	47.0	70.	14.45	54.5	62.5	46.8	106.	17.45	56.5	70.3	52.4
35.	11.50	53.2	62.5	45.9	71.	14.50	55.1	66.0	48.8	107.	17.50	55.9	69.0	51.1
36.	11.55	54.9	70.0	45.8	72.	14.55	54.1	64.4	47.4	108.	17.55	53.0	61.1	50.8

**TET**

**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))		
		31/10-01/11/23					31/10-01/11/23					31/10-01/11/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
109.	18.00	54.5	69.0	52.2	145.	21.00	54.3	65.6	46.7	181.	00.00	50.0	65.3	44.1
110.	18.05	53.9	58.5	52.3	146.	21.05	60.5	80.5	46.0	182.	00.05	50.4	65.1	44.3
111.	18.10	53.8	60.7	52.4	147.	21.10	54.1	65.5	45.7	183.	00.10	49.0	63.5	44.4
112.	18.15	54.3	60.1	52.9	148.	21.15	54.5	70.4	45.6	184.	00.15	50.8	67.2	44.1
113.	18.20	54.6	57.7	53.3	149.	21.20	53.8	71.5	45.2	185.	00.20	47.4	61.5	44.1
114.	18.25	55.2	69.2	51.0	150.	21.25	54.6	72.0	45.6	186.	00.25	50.2	67.3	44.0
115.	18.30	52.6	65.4	49.5	151.	21.30	51.8	63.2	45.3	187.	00.30	47.3	60.9	44.0
116.	18.35	52.2	56.6	50.7	152.	21.35	54.0	70.3	45.6	188.	00.35	49.8	65.7	43.7
117.	18.40	55.2	67.4	50.9	153.	21.40	51.4	65.9	45.0	189.	00.40	49.0	63.6	44.4
118.	18.45	52.4	57.1	50.9	154.	21.45	48.8	59.2	44.9	190.	00.45	46.6	59.7	44.3
119.	18.50	53.3	56.1	51.9	155.	21.50	54.5	70.4	44.9	191.	00.50	51.3	64.1	44.5
120.	18.55	54.9	67.4	52.0	156.	21.55	52.5	66.0	44.5	192.	00.55	48.5	63.8	44.4
121.	19.00	53.8	63.7	51.0	157.	22.00	51.6	65.8	44.7	193.	01.00	50.4	65.4	44.9
122.	19.05	52.9	58.6	50.6	158.	22.05	50.9	61.6	45.6	194.	01.05	49.3	64.2	44.6
123.	19.10	52.5	60.2	50.1	159.	22.10	53.6	69.4	44.8	195.	01.10	46.4	53.3	44.7
124.	19.15	54.1	63.5	51.4	160.	22.15	61.6	81.8	45.3	196.	01.15	46.9	60.3	44.0
125.	19.20	54.5	65.2	52.2	161.	22.20	52.0	67.6	44.6	197.	01.20	49.3	65.0	44.6
126.	19.25	54.4	66.2	51.9	162.	22.25	50.6	63.8	44.8	198.	01.25	47.2	60.0	44.9
127.	19.30	53.0	58.5	51.2	163.	22.30	50.0	61.8	44.5	199.	01.30	52.5	70.5	45.1
128.	19.35	51.7	60.0	48.2	164.	22.35	48.0	59.2	44.5	200.	01.35	46.7	61.7	44.6
129.	19.40	52.1	57.4	49.3	165.	22.40	50.3	62.7	45.2	201.	01.40	48.8	63.7	45.1
130.	19.45	53.3	57.8	51.5	166.	22.45	48.8	61.6	45.0	202.	01.45	46.4	56.1	45.0
131.	19.50	52.0	59.1	50.7	167.	22.50	47.7	59.2	45.3	203.	01.50	48.4	63.6	45.1
132.	19.55	52.9	56.1	51.1	168.	22.55	47.4	61.1	44.9	204.	01.55	46.9	58.6	45.1
133.	20.00	54.0	68.2	50.9	169.	23.00	51.7	70.4	44.9	205.	02.00	47.4	58.2	45.3
134.	20.05	52.7	61.6	50.6	170.	23.05	56.0	74.2	44.5	206.	02.05	52.0	69.1	45.1
135.	20.10	53.3	56.9	51.8	171.	23.10	50.5	65.9	44.4	207.	02.10	46.5	58.2	45.3
136.	20.15	55.7	72.3	48.9	172.	23.15	50.9	68.4	44.2	208.	02.15	47.4	62.0	45.0
137.	20.20	54.0	63.8	46.8	173.	23.20	49.9	63.0	43.7	209.	02.20	47.9	58.9	45.4
138.	20.25	57.6	78.0	48.4	174.	23.25	52.6	67.6	44.4	210.	02.25	47.7	58.3	45.2
139.	20.30	56.3	66.2	47.0	175.	23.30	48.2	60.7	44.2	211.	02.30	47.2	62.4	44.7
140.	20.35	58.2	71.5	46.3	176.	23.35	52.4	64.5	44.4	212.	02.35	47.2	58.2	44.5
141.	20.40	52.7	62.7	45.6	177.	23.40	48.7	63.1	44.5	213.	02.40	45.4	54.2	44.0
142.	20.45	52.8	63.3	46.9	178.	23.45	48.4	60.0	44.1	214.	02.45	46.7	57.5	44.6
143.	20.50	53.5	64.2	47.7	179.	23.50	45.9	59.9	43.4	215.	02.50	45.8	50.4	44.6
144.	20.55	53.1	61.2	46.2	180.	23.55	47.0	57.9	43.3	216.	02.55	48.9	66.0	44.7



**TET**

**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))		
		31/10-01/11/23					31/10-01/11/23					31/10-01/11/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
217.	03.00	47.6	58.5	44.7	241.	05.00	52.2	66.5	46.0	265.	07.00	59.9	72.9	53.3
218.	03.05	48.7	60.6	44.8	242.	05.05	53.0	65.0	46.9	266.	07.05	59.0	70.0	53.2
219.	03.10	48.4	61.2	44.4	243.	05.10	53.1	61.5	46.9	267.	07.10	60.2	81.2	55.9
220.	03.15	45.6	55.5	44.2	244.	05.15	53.9	70.0	47.5	268.	07.15	58.0	67.6	54.4
221.	03.20	47.1	63.4	44.0	245.	05.20	51.8	63.5	46.7	269.	07.20	58.7	66.5	54.7
222.	03.25	46.1	60.8	44.0	246.	05.25	53.6	63.2	47.7	270.	07.25	59.4	68.9	53.5
223.	03.30	46.5	61.2	44.2	247.	05.30	53.9	67.3	47.0	271.	07.30	59.4	69.3	54.6
224.	03.35	49.7	61.3	44.3	248.	05.35	52.7	64.2	46.6	272.	07.35	59.9	85.3	57.2
225.	03.40	50.4	64.0	44.9	249.	05.40	54.7	66.2	48.3	273.	07.40	58.2	82.9	52.6
226.	03.45	49.3	65.2	45.1	250.	05.45	54.5	66.1	48.0	274.	07.45	58.1	66.6	49.4
227.	03.50	51.3	67.0	44.8	251.	05.50	54.4	64.0	47.7	275.	07.50	57.8	69.8	51.8
228.	03.55	48.4	60.6	43.6	252.	05.55	55.2	63.9	48.2	276.	07.55	58.0	74.2	52.2
229.	04.00	48.7	60.2	44.1	253.	06.00	55.1	65.3	48.3	277.	08.00	58.6	73.0	51.9
230.	04.05	48.5	63.5	44.3	254.	06.05	56.9	70.7	49.2	278.	08.05	58.9	75.3	50.4
231.	04.10	48.3	61.5	44.8	255.	06.10	55.8	71.4	49.0	279.	08.10	57.4	74.9	49.6
232.	04.15	48.6	59.5	44.9	256.	06.15	58.1	75.7	49.7	280.	08.15	58.0	78.9	50.3
233.	04.20	48.4	63.8	44.0	257.	06.20	56.1	64.4	49.3	281.	08.20	55.7	64.5	49.7
234.	04.25	48.5	60.9	44.4	258.	06.25	58.3	71.4	51.6	282.	08.25	56.9	70.6	51.1
235.	04.30	48.2	62.6	43.8	259.	06.30	57.5	71.0	50.6	283.	08.30	54.1	63.5	49.2
236.	04.35	49.1	66.1	44.0	260.	06.35	67.2	79.6	54.0	284.	08.35	56.3	68.3	49.8
237.	04.40	49.1	59.7	43.8	261.	06.40	62.6	80.0	51.9	285.	08.40	55.2	64.1	48.9
238.	04.45	50.5	63.8	44.1	262.	06.45	60.1	73.0	53.5	286.	08.45	56.3	70.7	49.7
239.	04.50	51.7	64.1	44.9	263.	06.50	59.3	72.5	54.1	287.	08.50	55.3	65.3	49.5
240.	04.55	51.7	62.5	44.7	264.	06.55	60.0	76.1	54.3	288.	08.55	55.5	64.6	49.5



General Manager

**TET**

# Thai Environmental Technic Limited

## บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP  
 Project : โครงการผลิตขวดทองแดงส่วนขยาย ครั้งที่ 1  
 Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม  
 อำเภอบางปะกง จังหวัดฉะเชิงเทรา 24130  
 Contact : Tel. (038)-573 231-5  
 Job No. : S660063/Oct/1

Report No. : 3454/2023/6-7  
 Report Date : November 14, 2023  
 Sampling Date : October 27-November 3, 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))		
		01-02/11/23					01-02/11/23					01-02/11/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
1.	09.00	60.2	70.4	51.5	37.	12.00	57.1	75.0	46.1	73.	15.00	53.7	63.7	47.4
2.	09.05	58.5	72.7	50.8	38.	12.05	53.0	64.2	45.4	74.	15.05	54.0	67.2	47.6
3.	09.10	58.6	70.9	53.3	39.	12.10	54.1	67.8	46.1	75.	15.10	53.8	65.2	47.3
4.	09.15	56.2	72.0	49.4	40.	12.15	55.9	70.1	46.0	76.	15.15	54.4	68.4	47.0
5.	09.20	56.8	76.4	50.0	41.	12.20	52.6	62.3	46.3	77.	15.20	60.4	83.0	46.3
6.	09.25	56.2	66.9	49.5	42.	12.25	53.0	66.9	47.0	78.	15.25	54.1	64.1	47.6
7.	09.30	59.9	81.9	50.0	43.	12.30	66.0	79.8	46.5	79.	15.30	55.3	69.9	48.8
8.	09.35	55.9	70.6	47.8	44.	12.35	56.5	71.5	46.6	80.	15.35	53.7	64.0	46.3
9.	09.40	54.2	65.8	47.1	45.	12.40	61.4	74.6	54.2	81.	15.40	54.7	70.2	46.0
10.	09.45	54.0	67.2	47.5	46.	12.45	58.0	79.0	49.5	82.	15.45	55.2	62.2	49.9
11.	09.50	53.3	63.3	47.0	47.	12.50	55.4	67.2	47.7	83.	15.50	55.3	65.1	49.6
12.	09.55	55.0	65.6	47.8	48.	12.55	55.8	72.8	52.7	84.	15.55	56.9	69.1	49.1
13.	10.00	54.5	64.5	47.7	49.	13.00	57.2	71.9	51.3	85.	16.00	53.7	61.9	48.3
14.	10.05	54.0	61.3	47.9	50.	13.05	57.4	79.1	48.9	86.	16.05	54.3	65.2	47.9
15.	10.10	53.5	70.6	47.9	51.	13.10	64.7	89.3	53.4	87.	16.10	54.6	60.3	49.7
16.	10.15	54.2	66.2	48.3	52.	13.15	61.2	85.8	52.9	88.	16.15	55.2	63.3	50.9
17.	10.20	54.9	67.6	46.7	53.	13.20	54.6	72.9	48.7	89.	16.20	55.4	65.6	51.4
18.	10.25	52.6	60.6	46.5	54.	13.25	57.7	72.7	53.0	90.	16.25	56.1	63.8	51.9
19.	10.30	53.8	64.0	46.8	55.	13.30	58.6	74.4	52.0	91.	16.30	58.2	73.6	52.5
20.	10.35	53.4	64.0	46.7	56.	13.35	59.2	73.8	52.3	92.	16.35	58.7	70.0	54.8
21.	10.40	53.7	62.3	47.6	57.	13.40	59.4	74.0	54.6	93.	16.40	58.5	71.3	52.4
22.	10.45	54.8	63.8	47.0	58.	13.45	59.4	78.1	55.7	94.	16.45	58.5	67.3	52.8
23.	10.50	52.4	67.4	46.5	59.	13.50	62.7	80.0	56.3	95.	16.50	58.9	70.5	53.5
24.	10.55	56.1	73.3	48.4	60.	13.55	61.4	81.8	54.2	96.	16.55	57.2	65.5	50.7
25.	11.00	54.0	67.1	46.2	61.	14.00	58.5	74.6	52.6	97.	17.00	57.1	70.5	51.1
26.	11.05	53.2	63.5	46.4	62.	14.05	59.6	71.3	52.9	98.	17.05	55.9	65.2	49.1
27.	11.10	56.8	75.4	48.9	63.	14.10	60.9	87.0	51.3	99.	17.10	56.9	68.6	49.5
28.	11.15	54.6	67.9	47.1	64.	14.15	59.0	82.0	52.6	100.	17.15	56.3	65.0	50.3
29.	11.20	56.0	74.8	50.3	65.	14.20	58.0	76.5	51.0	101.	17.20	56.2	67.0	48.4
30.	11.25	54.9	67.2	47.9	66.	14.25	56.9	69.4	49.9	102.	17.25	56.4	68.1	49.8
31.	11.30	59.0	74.4	50.8	67.	14.30	57.9	67.3	50.4	103.	17.30	59.2	81.3	49.5
32.	11.35	58.3	73.8	47.0	68.	14.35	57.2	67.7	47.2	104.	17.35	57.5	75.9	50.2
33.	11.40	54.5	65.3	48.4	69.	14.40	52.8	63.0	47.2	105.	17.40	56.2	69.8	49.3
34.	11.45	56.1	70.7	47.3	70.	14.45	53.0	64.5	46.8	106.	17.45	57.5	75.2	49.6
35.	11.50	52.9	62.5	46.7	71.	14.50	55.8	65.4	48.1	107.	17.50	55.3	65.6	48.9
36.	11.55	52.7	64.5	45.7	72.	14.55	55.2	66.3	47.8	108.	17.55	55.9	64.8	49.0





Thai Environmental Technic Limited  
บริษัท เทคโนโลยีสิ่งแวดล้อมไทย 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))		
		01-02/11/23					01-02/11/23					01-02/11/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
109.	18.00	55.5	67.0	48.7	145.	21.00	51.9	63.8	46.4	181.	00.00	46.2	56.2	44.2
110.	18.05	54.8	61.1	49.1	146.	21.05	50.4	60.7	45.6	182.	00.05	51.2	70.0	44.1
111.	18.10	57.8	70.3	49.6	147.	21.10	51.4	62.8	44.9	183.	00.10	46.4	57.0	43.6
112.	18.15	56.2	67.6	48.7	148.	21.15	52.1	63.2	45.1	184.	00.15	47.7	61.8	43.5
113.	18.20	65.1	79.0	48.3	149.	21.20	57.9	79.8	45.0	185.	00.20	47.8	64.1	44.0
114.	18.25	59.8	76.4	46.9	150.	21.25	50.1	61.1	45.0	186.	00.25	46.9	58.0	44.0
115.	18.30	55.9	71.8	48.4	151.	21.30	52.7	66.0	45.9	187.	00.30	52.7	67.9	44.1
116.	18.35	55.3	71.4	47.2	152.	21.35	52.8	67.1	47.1	188.	00.35	48.6	61.3	43.7
117.	18.40	54.2	63.8	47.0	153.	21.40	53.0	70.8	45.5	189.	00.40	45.4	58.2	43.3
118.	18.45	54.3	69.7	46.6	154.	21.45	54.1	73.8	45.9	190.	00.45	46.4	58.9	43.3
119.	18.50	53.4	63.4	47.1	155.	21.50	53.0	67.0	46.0	191.	00.50	46.1	58.8	42.9
120.	18.55	55.0	65.8	47.5	156.	21.55	51.9	63.1	46.6	192.	00.55	46.3	58.6	42.9
121.	19.00	54.7	64.7	47.7	157.	22.00	56.2	76.0	45.8	193.	01.00	46.8	66.4	42.9
122.	19.05	55.2	63.6	48.7	158.	22.05	49.6	61.2	45.4	194.	01.05	46.7	62.1	43.0
123.	19.10	57.4	70.2	51.0	159.	22.10	50.2	60.5	44.9	195.	01.10	43.7	55.9	42.7
124.	19.15	55.4	67.4	48.2	160.	22.15	46.2	54.2	44.4	196.	01.15	44.0	49.6	42.8
125.	19.20	56.5	72.2	48.6	161.	22.20	49.9	59.0	45.5	197.	01.20	48.6	62.8	43.0
126.	19.25	53.4	65.5	47.5	162.	22.25	51.1	64.5	45.8	198.	01.25	46.6	59.5	42.8
127.	19.30	55.2	72.1	47.5	163.	22.30	51.7	69.2	45.5	199.	01.30	48.0	63.7	44.8
128.	19.35	55.0	66.0	48.2	164.	22.35	50.7	62.4	45.8	200.	01.35	46.9	55.3	45.1
129.	19.40	54.8	67.9	47.2	165.	22.40	49.8	60.2	45.8	201.	01.40	49.8	66.2	45.2
130.	19.45	55.6	67.3	48.1	166.	22.45	48.8	60.5	45.2	202.	01.45	48.4	60.8	45.3
131.	19.50	54.0	65.0	47.6	167.	22.50	48.6	61.8	45.1	203.	01.50	47.1	60.5	45.4
132.	19.55	53.9	64.5	47.0	168.	22.55	47.1	56.8	45.4	204.	01.55	46.8	62.1	45.2
133.	20.00	55.3	66.2	48.9	169.	23.00	48.5	61.3	45.5	205.	02.00	50.7	68.0	45.4
134.	20.05	54.0	64.0	47.2	170.	23.05	48.7	58.9	45.5	206.	02.05	46.9	58.5	44.8
135.	20.10	54.0	70.3	47.0	171.	23.10	49.4	60.7	45.5	207.	02.10	49.3	67.3	44.9
136.	20.15	52.3	60.7	46.4	172.	23.15	49.0	62.9	45.4	208.	02.15	47.2	56.9	45.6
137.	20.20	52.0	72.4	46.5	173.	23.20	47.5	59.0	44.9	209.	02.20	48.6	60.3	45.9
138.	20.25	52.8	61.2	46.4	174.	23.25	47.9	58.6	44.7	210.	02.25	50.0	65.4	45.6
139.	20.30	52.8	62.5	46.4	175.	23.30	53.9	70.5	45.1	211.	02.30	47.8	60.6	45.7
140.	20.35	53.0	71.0	46.1	176.	23.35	48.0	57.9	44.4	212.	02.35	47.6	59.5	45.4
141.	20.40	56.0	73.7	46.2	177.	23.40	45.0	52.9	43.7	213.	02.40	48.9	62.6	45.4
142.	20.45	53.7	68.4	46.3	178.	23.45	49.4	63.1	45.0	214.	02.45	51.3	63.1	45.4
143.	20.50	52.9	65.1	45.0	179.	23.50	47.1	64.3	43.9	215.	02.50	47.8	58.3	45.4
144.	20.55	50.7	59.6	45.9	180.	23.55	45.8	53.8	44.3	216.	02.55	48.5	61.6	46.1

**TET**

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))		
		01-02/11/23					01-02/11/23					01-02/11/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
217.	03.00	46.1	53.8	45.3	241.	05.00	53.1	63.8	46.8	265.	07.00	60.7	81.7	54.8
218.	03.05	46.9	59.1	45.4	242.	05.05	53.0	66.7	46.2	266.	07.05	66.5	80.3	54.3
219.	03.10	46.3	54.3	45.1	243.	05.10	52.1	61.5	45.1	267.	07.10	65.8	84.6	56.3
220.	03.15	49.8	63.1	45.7	244.	05.15	53.9	66.1	46.4	268.	07.15	57.5	69.6	50.1
221.	03.20	47.8	61.2	44.7	245.	05.20	53.7	63.8	46.9	269.	07.20	54.9	65.8	48.5
222.	03.25	47.2	60.5	43.5	246.	05.25	56.1	66.8	46.6	270.	07.25	56.4	65.5	50.2
223.	03.30	46.9	62.0	42.9	247.	05.30	55.0	63.6	47.3	271.	07.30	56.9	68.7	50.6
224.	03.35	47.3	60.5	43.4	248.	05.35	55.5	64.9	46.8	272.	07.35	60.0	82.1	54.5
225.	03.40	47.7	63.3	43.0	249.	05.40	55.1	63.9	47.4	273.	07.40	57.9	69.9	53.2
226.	03.45	50.2	62.6	43.8	250.	05.45	54.6	63.8	47.9	274.	07.45	58.6	76.5	52.2
227.	03.50	46.3	58.1	44.0	251.	05.50	56.2	67.0	48.2	275.	07.50	56.6	73.6	50.2
228.	03.55	49.6	66.0	44.6	252.	05.55	57.1	66.1	49.6	276.	07.55	60.4	79.9	51.8
229.	04.00	48.7	61.2	44.4	253.	06.00	58.2	75.9	50.1	277.	08.00	56.7	72.3	51.9
230.	04.05	47.5	62.0	44.1	254.	06.05	59.2	77.2	51.9	278.	08.05	55.7	62.6	51.7
231.	04.10	49.4	61.1	45.2	255.	06.10	67.3	79.7	51.8	279.	08.10	56.9	63.3	53.8
232.	04.15	48.9	62.7	45.6	256.	06.15	57.8	70.4	52.4	280.	08.15	58.3	72.8	52.0
233.	04.20	51.0	62.9	45.7	257.	06.20	57.6	65.7	50.2	281.	08.20	58.0	69.3	53.3
234.	04.25	53.0	68.2	46.5	258.	06.25	58.1	67.3	52.4	282.	08.25	57.0	65.4	49.7
235.	04.30	51.8	62.4	46.3	259.	06.30	57.6	67.3	53.0	283.	08.30	59.9	71.7	56.8
236.	04.35	53.5	66.8	46.6	260.	06.35	60.1	76.1	54.4	284.	08.35	58.2	64.4	54.3
237.	04.40	53.2	63.5	46.7	261.	06.40	61.0	81.4	54.7	285.	08.40	57.9	68.5	52.2
238.	04.45	51.5	61.7	46.1	262.	06.45	59.8	78.9	54.0	286.	08.45	57.7	68.0	53.8
239.	04.50	54.1	65.1	46.8	263.	06.50	58.5	67.3	53.3	287.	08.50	58.5	69.7	51.0
240.	04.55	53.4	67.6	46.6	264.	06.55	58.8	73.3	54.4	288.	08.55	61.0	75.5	54.0



General Manager





# Thai Environmental Technic Limited

## บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP  
 Project : โครงการผลิตลวดทองแดงส่วนขยาย ครั้งที่ 1  
 Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม  
 อำเภอบางปะกง จังหวัดฉะเชิงเทรา 24130  
 Contact : Tel. (038)-573 231-5  
 Job No. : S660063/Oct/1

Report No. : 3454/2023/7-7  
 Report Date : November 14, 2023  
 Sampling Date : October 27-November 3, 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))		
		02-03/11/23					02-03/11/23					02-03/11/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
1.	09.00	59.3	73.6	50.3	37.	12.00	53.8	63.1	49.2	73.	15.00	53.9	60.5	49.9
2.	09.05	55.4	68.5	49.5	38.	12.05	52.3	56.5	49.9	74.	15.05	52.2	57.1	49.8
3.	09.10	52.8	69.0	50.1	39.	12.10	50.7	58.9	48.8	75.	15.10	51.6	57.6	48.9
4.	09.15	52.8	64.1	50.2	40.	12.15	52.1	58.4	48.3	76.	15.15	51.5	55.8	49.0
5.	09.20	57.3	75.8	50.2	41.	12.20	49.4	54.1	47.4	77.	15.20	52.2	58.1	49.6
6.	09.25	61.9	77.7	50.5	42.	12.25	50.6	55.2	48.1	78.	15.25	53.0	59.2	50.5
7.	09.30	54.0	73.4	49.7	43.	12.30	51.0	55.7	49.2	79.	15.30	52.3	58.9	50.5
8.	09.35	52.4	65.9	50.2	44.	12.35	50.1	56.6	47.8	80.	15.35	53.2	59.1	49.9
9.	09.40	52.5	64.1	50.2	45.	12.40	50.1	54.2	47.9	81.	15.40	52.3	59.5	49.0
10.	09.45	52.3	63.9	50.5	46.	12.45	50.7	55.2	47.9	82.	15.45	51.7	55.8	49.3
11.	09.50	52.2	66.9	49.6	47.	12.50	50.6	57.9	48.1	83.	15.50	52.2	59.1	49.4
12.	09.55	55.3	71.7	49.4	48.	12.55	51.6	57.3	48.7	84.	15.55	53.2	62.4	49.5
13.	10.00	54.6	70.6	49.9	49.	13.00	51.8	59.9	48.9	85.	16.00	54.1	64.0	50.3
14.	10.05	53.9	63.4	50.0	50.	13.05	51.2	58.6	48.3	86.	16.05	52.4	57.9	50.2
15.	10.10	53.2	63.1	50.2	51.	13.10	50.5	53.4	48.9	87.	16.10	51.0	53.7	49.7
16.	10.15	54.3	62.8	51.0	52.	13.15	54.5	61.8	49.2	88.	16.15	54.0	60.6	50.6
17.	10.20	52.1	57.0	49.4	53.	13.20	52.0	59.6	49.5	89.	16.20	53.6	59.4	49.8
18.	10.25	51.9	58.8	49.7	54.	13.25	54.1	62.7	49.8	90.	16.25	53.7	66.5	50.2
19.	10.30	52.4	57.5	49.5	55.	13.30	52.4	59.3	50.0	91.	16.30	53.5	65.3	50.5
20.	10.35	53.2	59.3	49.3	56.	13.35	52.0	60.5	48.7	92.	16.35	51.6	56.8	49.5
21.	10.40	52.7	59.0	50.3	57.	13.40	52.3	55.9	49.9	93.	16.40	52.4	58.8	49.8
22.	10.45	52.9	57.2	50.8	58.	13.45	52.2	57.6	50.7	94.	16.45	51.9	55.4	50.2
23.	10.50	53.2	59.9	50.5	59.	13.50	53.3	58.6	50.9	95.	16.50	53.1	59.2	50.9
24.	10.55	53.2	60.4	51.1	60.	13.55	52.5	57.6	49.6	96.	16.55	52.8	59.6	49.8
25.	11.00	52.4	58.9	50.6	61.	14.00	53.7	60.3	49.9	97.	17.00	51.1	57.5	48.8
26.	11.05	51.4	60.1	49.4	62.	14.05	52.4	57.0	50.1	98.	17.05	49.7	56.6	48.0
27.	11.10	52.8	65.5	49.5	63.	14.10	53.1	58.4	49.1	99.	17.10	50.4	56.0	48.3
28.	11.15	50.8	60.6	49.5	64.	14.15	53.3	62.0	50.1	100.	17.15	50.4	58.5	48.5
29.	11.20	51.7	54.6	50.2	65.	14.20	52.8	59.3	50.3	101.	17.20	51.7	54.9	49.7
30.	11.25	54.1	64.0	49.4	66.	14.25	52.4	57.3	50.2	102.	17.25	53.3	59.2	49.8
31.	11.30	50.5	57.9	49.0	67.	14.30	53.1	59.8	50.6	103.	17.30	52.1	55.7	50.5
32.	11.35	51.8	57.5	49.6	68.	14.35	53.3	62.1	50.0	104.	17.35	52.4	57.9	50.1
33.	11.40	52.0	58.7	49.9	69.	14.40	53.0	59.8	50.7	105.	17.40	52.1	56.8	49.5
34.	11.45	50.6	58.4	48.7	70.	14.45	52.9	60.5	50.7	106.	17.45	51.5	55.4	48.9
35.	11.50	51.5	58.4	49.1	71.	14.50	51.1	54.0	49.0	107.	17.50	52.0	55.3	49.6
36.	11.55	52.2	60.8	49.1	72.	14.55	50.3	56.6	48.0	108.	17.55	51.6	65.3	48.8



Thai Environmental Technic Limited  
บริษัท เทคนิกลิ่งแวดล้อมไทย 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))		
		02-03/11/23					02-03/11/23					02-03/11/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
109.	18.00	52.1	62.2	49.0	145.	21.00	52.2	58.6	50.3	181.	00.00	51.4	59.6	49.0
110.	18.05	52.7	63.9	50.0	146.	21.05	52.7	57.9	50.4	182.	00.05	50.5	57.3	47.9
111.	18.10	54.6	66.6	51.7	147.	21.10	53.7	61.7	51.0	183.	00.10	53.2	67.3	48.7
112.	18.15	52.8	60.1	50.4	148.	21.15	52.2	55.9	49.8	184.	00.15	53.2	74.6	48.1
113.	18.20	53.8	60.8	51.5	149.	21.20	51.8	56.7	49.7	185.	00.20	53.0	59.5	50.3
114.	18.25	54.1	59.4	51.2	150.	21.25	50.3	57.8	48.5	186.	00.25	54.6	63.6	49.8
115.	18.30	53.3	57.4	50.9	151.	21.30	50.8	55.1	49.0	187.	00.30	51.7	58.3	49.4
116.	18.35	52.8	57.9	51.2	152.	21.35	52.6	58.1	50.2	188.	00.35	50.5	57.9	47.5
117.	18.40	53.7	60.2	50.2	153.	21.40	53.8	60.2	50.1	189.	00.40	50.1	59.1	47.9
118.	18.45	55.7	66.5	49.8	154.	21.45	52.7	61.5	50.0	190.	00.45	51.4	55.6	49.6
119.	18.50	55.5	61.5	52.3	155.	21.50	50.6	58.4	48.4	191.	00.50	51.1	56.2	48.8
120.	18.55	53.4	57.0	51.1	156.	21.55	51.2	61.3	49.3	192.	00.55	51.7	58.8	49.5
121.	19.00	54.4	59.0	52.0	157.	22.00	51.6	55.3	49.0	193.	01.00	50.5	57.9	48.5
122.	19.05	53.8	57.9	52.2	158.	22.05	52.1	56.0	50.3	194.	01.05	53.0	55.7	51.2
123.	19.10	53.7	57.6	52.0	159.	22.10	51.5	54.5	49.9	195.	01.10	52.2	57.8	50.0
124.	19.15	52.6	55.4	50.6	160.	22.15	52.4	60.8	49.6	196.	01.15	53.9	62.9	50.2
125.	19.20	52.8	61.1	50.2	161.	22.20	52.5	61.0	50.2	197.	01.20	50.9	57.6	49.3
126.	19.25	53.8	62.9	50.3	162.	22.25	52.1	55.7	50.2	198.	01.25	53.9	61.1	50.0
127.	19.30	53.9	60.6	51.3	163.	22.30	52.2	56.4	50.2	199.	01.30	52.4	56.5	50.7
128.	19.35	53.7	57.9	51.6	164.	22.35	52.4	55.6	50.6	200.	01.35	50.5	57.0	48.9
129.	19.40	55.1	63.5	50.5	165.	22.40	52.7	59.8	49.5	201.	01.40	51.3	56.9	49.7
130.	19.45	54.5	61.1	51.7	166.	22.45	52.0	59.2	49.6	202.	01.45	52.6	62.4	50.3
131.	19.50	54.0	60.0	51.0	167.	22.50	52.0	57.4	49.5	203.	01.50	51.5	60.3	50.1
132.	19.55	54.1	67.2	51.6	168.	22.55	52.5	57.9	50.2	204.	01.55	51.6	59.2	50.5
133.	20.00	54.5	60.9	50.9	169.	23.00	51.6	58.2	49.6	205.	02.00	51.7	56.1	50.3
134.	20.05	52.6	56.8	50.8	170.	23.05	52.2	61.0	49.8	206.	02.05	51.0	55.6	49.5
135.	20.10	51.4	56.1	49.2	171.	23.10	50.1	57.0	48.5	207.	02.10	52.4	62.6	50.4
136.	20.15	53.9	58.8	50.5	172.	23.15	54.8	63.0	50.2	208.	02.15	53.5	67.0	50.3
137.	20.20	52.2	55.4	50.4	173.	23.20	54.8	65.9	51.4	209.	02.20	54.4	70.1	50.6
138.	20.25	55.8	67.0	50.7	174.	23.25	52.7	62.4	50.0	210.	02.25	51.0	56.0	49.7
139.	20.30	54.1	60.2	50.7	175.	23.30	56.1	71.3	50.4	211.	02.30	50.5	59.7	49.1
140.	20.35	53.7	63.8	50.9	176.	23.35	52.1	56.6	49.8	212.	02.35	50.9	59.3	49.5
141.	20.40	53.7	58.8	50.1	177.	23.40	52.3	58.8	49.9	213.	02.40	50.2	58.6	48.3
142.	20.45	51.7	59.9	49.3	178.	23.45	54.0	58.9	50.5	214.	02.45	49.5	59.9	48.0
143.	20.50	53.8	62.0	50.2	179.	23.50	52.7	57.4	49.8	215.	02.50	53.3	63.5	48.4
144.	20.55	51.5	58.9	49.1	180.	23.55	51.7	59.7	49.7	216.	02.55	49.0	62.3	46.7

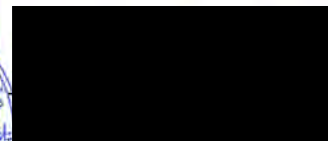


**TET**

Thai Environmental Technic Limited  
บริษัท เทคโนโลยีสิ่งแวดล้อมไทย จำกัด

(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))		
		02-03/11/23					02-03/11/23					02-03/11/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
217.	03.00	52.6	70.8	47.9	241.	05.00	51.2	65.9	44.6	265.	07.00	53.4	65.2	50.2
218.	03.05	62.5	79.0	48.0	242.	05.05	54.8	73.1	47.1	266.	07.05	52.4	60.2	50.1
219.	03.10	50.1	58.2	48.2	243.	05.10	51.0	59.0	48.2	267.	07.10	52.9	64.6	50.5
220.	03.15	49.9	57.7	48.2	244.	05.15	51.1	62.7	47.9	268.	07.15	53.7	66.5	51.2
221.	03.20	49.5	59.1	47.6	245.	05.20	52.3	69.3	48.4	269.	07.20	54.5	69.8	51.5
222.	03.25	50.6	65.5	47.6	246.	05.25	52.1	65.6	48.4	270.	07.25	55.7	65.4	52.9
223.	03.30	49.5	60.5	48.1	247.	05.30	52.7	61.4	48.9	271.	07.30	55.5	66.9	53.0
224.	03.35	49.6	59.9	47.9	248.	05.35	53.4	61.0	50.1	272.	07.35	56.4	66.6	53.9
225.	03.40	48.8	55.6	47.5	249.	05.40	54.6	66.0	49.5	273.	07.40	56.8	69.3	54.1
226.	03.45	48.4	55.9	47.2	250.	05.45	54.6	74.0	49.5	274.	07.45	57.6	74.4	54.1
227.	03.50	49.3	65.7	46.9	251.	05.50	53.8	69.3	49.8	275.	07.50	59.0	69.3	55.1
228.	03.55	48.4	58.9	46.6	252.	05.55	52.0	60.2	49.4	276.	07.55	57.9	67.1	55.4
229.	04.00	47.3	55.5	46.1	253.	06.00	53.6	66.3	49.7	277.	08.00	59.9	83.4	55.0
230.	04.05	48.0	61.0	46.2	254.	06.05	53.2	66.9	49.7	278.	08.05	57.6	72.9	55.4
231.	04.10	49.0	60.9	45.9	255.	06.10	52.6	67.1	48.9	279.	08.10	56.8	66.6	54.9
232.	04.15	47.0	55.0	45.6	256.	06.15	52.0	59.9	48.7	280.	08.15	56.8	70.0	54.5
233.	04.20	49.0	65.3	45.5	257.	06.20	54.4	71.0	48.8	281.	08.20	58.1	78.3	55.2
234.	04.25	48.1	56.8	46.4	258.	06.25	53.5	72.4	49.2	282.	08.25	56.7	67.6	54.8
235.	04.30	47.8	55.6	46.3	259.	06.30	52.3	65.1	49.0	283.	08.30	57.2	66.9	54.8
236.	04.35	51.0	66.9	46.8	260.	06.35	54.1	65.9	48.4	284.	08.35	55.9	67.0	54.2
237.	04.40	55.4	75.0	46.5	261.	06.40	53.2	66.2	48.8	285.	08.40	57.1	73.3	54.5
238.	04.45	51.7	72.5	44.4	262.	06.45	53.8	64.2	49.4	286.	08.45	58.1	67.2	54.8
239.	04.50	48.3	64.0	45.2	263.	06.50	54.5	70.6	50.5	287.	08.50	57.4	69.0	55.5
240.	04.55	50.3	59.7	45.8	264.	06.55	53.6	65.0	49.8	288.	08.55	62.7	91.8	56.8



General Manager



# Thai Environmental Technic Limited

## บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP  
 Project : โครงการผลิตลวดทองแดงส่วนขยาย ครั้งที่ 1  
 Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม  
 อำเภอบางปะกง จังหวัดฉะเชิงเทรา 24130  
 Contact : Tel. (038)-573 231-5  
 Job No. : S660063/Oct/1

Report No. : 3454/2023/1-7  
 Report Date : November 14, 2023  
 Sampling Date : October 27-November 3, 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))		
		27-28/10/23					27-28/10/23					27-28/10/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
1.	09.00	60.0	65.6	57.8	37.	12.00	51.8	55.8	49.4	73.	15.00	51.6	53.6	50.6
2.	09.05	62.7	74.4	61.5	38.	12.05	53.0	55.5	51.3	74.	15.05	51.0	53.2	50.1
3.	09.10	62.7	65.8	61.7	39.	12.10	50.7	53.6	49.6	75.	15.10	51.0	56.0	50.2
4.	09.15	62.8	64.8	61.6	40.	12.15	50.7	54.1	48.1	76.	15.15	50.8	52.7	49.4
5.	09.20	62.5	64.5	61.5	41.	12.20	50.8	56.1	49.1	77.	15.20	51.6	53.4	50.3
6.	09.25	61.2	63.7	60.3	42.	12.25	51.4	57.8	49.1	78.	15.25	50.8	53.4	49.6
7.	09.30	60.6	62.7	59.3	43.	12.30	51.0	68.0	49.5	79.	15.30	51.6	53.0	50.7
8.	09.35	60.2	62.8	58.9	44.	12.35	52.2	56.2	51.1	80.	15.35	51.8	53.5	50.6
9.	09.40	60.2	61.9	59.2	45.	12.40	52.2	53.9	51.2	81.	15.40	51.5	53.8	50.1
10.	09.45	59.8	66.0	58.0	46.	12.45	52.4	55.5	51.5	82.	15.45	50.1	52.5	48.9
11.	09.50	61.2	63.3	59.1	47.	12.50	52.1	53.5	51.4	83.	15.50	50.0	52.5	48.7
12.	09.55	59.7	63.2	58.1	48.	12.55	51.9	53.4	51.1	84.	15.55	49.3	51.8	48.1
13.	10.00	61.5	64.5	60.0	49.	13.00	53.5	60.2	50.7	85.	16.00	49.4	51.6	48.4
14.	10.05	59.8	63.8	57.4	50.	13.05	52.8	55.1	51.9	86.	16.05	49.6	52.5	48.0
15.	10.10	61.0	63.5	59.3	51.	13.10	60.6	80.6	51.9	87.	16.10	50.7	52.4	49.7
16.	10.15	58.7	61.6	57.6	52.	13.15	53.4	55.2	52.2	88.	16.15	50.3	52.4	49.1
17.	10.20	58.7	62.1	56.1	53.	13.20	52.4	53.9	51.7	89.	16.20	50.4	52.2	49.5
18.	10.25	58.8	64.1	57.1	54.	13.25	51.7	53.4	50.4	90.	16.25	50.8	55.5	49.2
19.	10.30	59.4	65.8	57.1	55.	13.30	51.2	53.2	50.3	91.	16.30	53.4	55.6	52.2
20.	10.35	59.0	76.0	57.5	56.	13.35	50.7	53.0	50.0	92.	16.35	52.0	54.2	50.2
21.	10.40	60.2	64.2	59.1	57.	13.40	49.8	51.7	48.6	93.	16.40	51.4	53.9	49.4
22.	10.45	60.2	61.9	59.2	58.	13.45	51.1	52.7	50.0	94.	16.45	53.5	55.4	52.2
23.	10.50	60.4	63.5	59.5	59.	13.50	49.8	52.8	48.1	95.	16.50	64.5	69.3	50.4
24.	10.55	60.1	61.5	59.4	60.	13.55	49.3	54.2	48.2	96.	16.55	59.3	63.9	52.6
25.	11.00	54.7	66.4	53.5	61.	14.00	49.5	53.4	48.4	97.	17.00	60.2	63.7	55.6
26.	11.05	54.7	57.8	53.7	62.	14.05	50.0	52.7	49.1	98.	17.05	64.8	70.7	59.4
27.	11.10	54.8	56.8	53.6	63.	14.10	50.7	55.3	49.3	99.	17.10	61.4	63.7	59.4
28.	11.15	54.5	56.5	53.5	64.	14.15	52.6	54.8	51.2	100.	17.15	58.6	62.5	55.0
29.	11.20	53.2	55.7	52.3	65.	14.20	52.5	54.8	51.4	101.	17.20	61.7	65.7	55.5
30.	11.25	52.6	54.7	51.3	66.	14.25	52.5	54.6	51.4	102.	17.25	60.5	63.6	57.5
31.	11.30	52.2	54.8	50.9	67.	14.30	52.5	54.4	51.5	103.	17.30	56.4	59.9	52.5
32.	11.35	52.2	53.9	51.2	68.	14.35	52.4	54.5	51.4	104.	17.35	54.1	58.1	51.6
33.	11.40	51.8	58.0	50.0	69.	14.40	52.4	54.3	51.4	105.	17.40	56.1	59.2	52.7
34.	11.45	53.2	55.3	51.1	70.	14.45	52.6	62.4	50.8	106.	17.45	56.2	59.1	52.8
35.	11.50	51.7	55.2	50.1	71.	14.50	52.2	54.5	50.9	107.	17.50	53.7	58.7	51.8
36.	11.55	53.5	56.5	52.0	72.	14.55	52.1	54.1	51.2	108.	17.55	53.0	58.3	51.6





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))		
		27-28/10/23					27-28/10/23					27-28/10/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
109.	18.00	54.4	58.8	51.7	145.	21.00	52.6	54.6	51.4	181.	00.00	51.2	54.5	50.1
110.	18.05	51.3	61.3	49.3	146.	21.05	51.0	52.9	50.0	182.	00.05	51.4	57.5	49.7
111.	18.10	50.3	55.2	48.6	147.	21.10	51.1	52.4	50.3	183.	00.10	51.2	57.5	49.2
112.	18.15	50.3	57.1	49.1	148.	21.15	56.6	60.6	51.2	184.	00.15	51.1	63.5	49.2
113.	18.20	50.9	60.1	48.3	149.	21.20	55.4	56.9	52.8	185.	00.20	50.6	55.2	49.0
114.	18.25	50.3	60.6	47.3	150.	21.25	54.6	56.9	53.1	186.	00.25	50.3	57.6	48.6
115.	18.30	51.4	63.5	48.9	151.	21.30	57.4	58.9	53.5	187.	00.30	50.7	64.8	47.6
116.	18.35	56.2	73.3	50.2	152.	21.35	52.5	59.3	50.2	188.	00.35	49.7	54.9	47.9
117.	18.40	50.9	58.0	49.5	153.	21.40	50.9	59.6	48.3	189.	00.40	51.4	65.9	48.0
118.	18.45	52.3	69.5	50.4	154.	21.45	48.8	52.3	48.0	190.	00.45	50.0	58.2	48.3
119.	18.50	54.1	67.8	51.3	155.	21.50	49.7	53.1	48.6	191.	00.50	51.7	66.8	47.8
120.	18.55	53.5	64.1	50.7	156.	21.55	51.3	55.6	50.0	192.	00.55	49.0	56.2	47.8
121.	19.00	53.5	65.6	51.1	157.	22.00	52.3	54.6	51.0	193.	01.00	50.4	59.6	48.4
122.	19.05	53.1	58.2	50.6	158.	22.05	49.7	53.1	47.9	194.	01.05	49.4	57.1	47.4
123.	19.10	53.8	56.7	52.7	159.	22.10	48.6	50.3	47.9	195.	01.10	50.0	55.7	48.4
124.	19.15	53.4	56.7	52.1	160.	22.15	48.8	51.7	48.0	196.	01.15	49.3	59.1	47.0
125.	19.20	52.5	56.3	51.1	161.	22.20	49.5	51.2	48.8	197.	01.20	49.9	66.0	46.8
126.	19.25	53.0	63.9	51.7	162.	22.25	49.6	51.6	48.9	198.	01.25	48.9	62.3	46.5
127.	19.30	53.9	63.5	50.7	163.	22.30	50.1	52.0	48.5	199.	01.30	49.3	58.9	46.6
128.	19.35	53.0	60.2	51.7	164.	22.35	52.1	54.8	50.4	200.	01.35	48.0	54.8	45.1
129.	19.40	53.8	63.6	51.5	165.	22.40	49.1	58.7	47.6	201.	01.40	48.9	55.9	47.8
130.	19.45	58.0	78.8	51.7	166.	22.45	49.6	50.9	48.7	202.	01.45	49.7	62.9	47.7
131.	19.50	52.5	60.9	51.3	167.	22.50	49.5	52.9	48.3	203.	01.50	49.9	59.0	48.3
132.	19.55	52.4	59.0	51.1	168.	22.55	48.8	51.3	47.9	204.	01.55	50.3	61.1	48.6
133.	20.00	53.6	71.6	51.4	169.	23.00	50.0	52.6	48.6	205.	02.00	50.0	58.1	48.5
134.	20.05	52.5	66.2	50.7	170.	23.05	51.3	52.6	50.4	206.	02.05	51.5	71.1	47.9
135.	20.10	51.4	54.1	50.2	171.	23.10	50.6	52.7	49.8	207.	02.10	49.1	56.7	47.5
136.	20.15	55.1	72.1	51.4	172.	23.15	49.2	53.5	48.6	208.	02.15	50.9	61.9	48.1
137.	20.20	53.1	62.6	50.8	173.	23.20	52.1	56.3	49.2	209.	02.20	50.1	58.2	47.9
138.	20.25	49.9	52.0	49.0	174.	23.25	54.5	57.2	52.0	210.	02.25	50.8	56.2	48.9
139.	20.30	52.0	55.9	49.5	175.	23.30	52.3	54.2	51.6	211.	02.30	50.6	57.4	48.9
140.	20.35	58.2	60.9	56.1	176.	23.35	52.3	54.0	50.8	212.	02.35	50.5	55.6	49.0
141.	20.40	58.6	61.1	54.8	177.	23.40	56.1	57.4	54.9	213.	02.40	52.0	65.6	49.3
142.	20.45	50.5	53.6	49.7	178.	23.45	55.4	57.8	50.9	214.	02.45	50.2	54.8	48.4
143.	20.50	51.0	61.7	49.6	179.	23.50	50.3	51.7	49.2	215.	02.50	50.2	61.3	48.5
144.	20.55	51.7	53.5	50.6	180.	23.55	52.0	54.7	50.3	216.	02.55	50.5	57.6	48.6

**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))		
		27-28/10/23					27-28/10/23					27-28/10/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
217.	03.00	49.6	61.7	47.2	241.	05.00	53.3	55.3	52.1	265.	07.00	60.0	61.6	59.4
218.	03.05	50.2	55.4	48.4	242.	05.05	51.7	53.6	50.7	266.	07.05	61.5	65.3	54.3
219.	03.10	52.7	67.1	48.3	243.	05.10	51.8	53.1	51.0	267.	07.10	60.2	64.4	54.6
220.	03.15	51.4	58.5	48.3	244.	05.15	57.3	61.3	51.9	268.	07.15	63.6	69.0	55.6
221.	03.20	52.0	60.9	48.9	245.	05.20	56.1	57.6	53.5	269.	07.20	60.9	68.0	54.5
222.	03.25	52.5	59.1	49.5	246.	05.25	55.3	57.6	53.8	270.	07.25	63.3	68.6	52.0
223.	03.30	50.6	56.8	48.5	247.	05.30	58.1	59.6	54.2	271.	07.30	56.8	59.4	55.8
224.	03.35	51.1	60.8	47.4	248.	05.35	53.2	60.0	50.9	272.	07.35	60.7	66.8	56.6
225.	03.40	49.8	58.2	47.5	249.	05.40	51.6	60.3	49.0	273.	07.40	62.4	67.5	57.9
226.	03.45	50.0	53.7	48.1	250.	05.45	49.5	53.0	48.7	274.	07.45	63.4	65.7	61.4
227.	03.50	51.2	55.3	49.4	251.	05.50	50.4	53.8	49.3	275.	07.50	60.6	64.5	57.0
228.	03.55	52.0	66.2	49.0	252.	05.55	52.0	56.3	50.7	276.	07.55	63.7	67.7	57.5
229.	04.00	51.0	55.4	49.1	253.	06.00	53.0	55.3	51.7	277.	08.00	62.5	65.6	59.5
230.	04.05	57.1	63.1	52.1	254.	06.05	55.2	57.9	52.7	278.	08.05	63.5	67.3	56.3
231.	04.10	52.9	61.5	49.3	255.	06.10	53.0	54.9	52.3	279.	08.10	62.2	66.4	56.6
232.	04.15	53.2	65.5	49.4	256.	06.15	53.0	54.7	51.5	280.	08.15	65.6	71.0	57.6
233.	04.20	51.8	62.1	49.2	257.	06.20	56.8	58.1	55.6	281.	08.20	62.9	70.0	56.5
234.	04.25	51.6	60.3	49.0	258.	06.25	56.1	58.5	51.6	282.	08.25	65.3	70.6	54.0
235.	04.30	52.0	60.0	49.7	259.	06.30	51.0	52.4	49.9	283.	08.30	58.8	61.4	57.8
236.	04.35	51.4	56.1	49.2	260.	06.35	52.7	55.4	51.0	284.	08.35	62.7	68.8	58.6
237.	04.40	52.5	66.6	49.1	261.	06.40	53.0	55.9	51.9	285.	08.40	64.4	69.5	59.9
238.	04.45	52.2	64.3	49.7	262.	06.45	55.8	58.8	51.9	286.	08.45	56.9	59.8	52.4
239.	04.50	52.9	62.3	50.4	263.	06.50	57.9	63.7	51.7	287.	08.50	60.5	65.0	55.3
240.	04.55	52.4	64.1	50.2	264.	06.55	59.2	64.9	49.4	288.	08.55	61.3	64.6	57.0



General Manager



**TET**

# Thai Environmental Technic Limited

## บริษัท เทคนิกลิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP  
 Project : โครงการผลิตขวดทองแดงส่วนขยาย ครั้งที่ 1  
 Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม  
 อำเภอบางปะกง จังหวัดฉะเชิงเทรา 24130  
 Contact : Tel. (038)-573 231-5  
 Job No. : S660063/Oct/1

Report No. : 3454/2023/2-7  
 Report Date : November 14, 2023  
 Sampling Date : October 27-November 3, 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))		
		28-29/10/23					28-29/10/23					28-29/10/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
1.	09.00	57.1	62.6	54.7	37.	12.00	57.4	58.9	54.8	73.	15.00	60.5	66.2	50.7
2.	09.05	58.3	60.9	55.1	38.	12.05	56.6	58.9	55.1	74.	15.05	61.3	62.9	60.7
3.	09.10	56.9	58.7	55.3	39.	12.10	59.4	60.9	55.5	75.	15.10	65.7	71.2	61.1
4.	09.15	61.7	63.7	57.7	40.	12.15	54.5	61.3	52.2	76.	15.15	59.0	62.7	48.7
5.	09.20	54.2	58.9	52.4	41.	12.20	52.9	61.6	50.3	77.	15.20	57.1	60.8	55.1
6.	09.25	54.7	57.3	53.0	42.	12.25	50.8	54.3	50.0	78.	15.25	58.2	63.7	54.5
7.	09.30	53.8	57.3	52.3	43.	12.30	51.7	55.1	50.6	79.	15.30	53.2	55.3	52.3
8.	09.35	57.3	60.6	52.8	44.	12.35	53.3	57.6	52.0	80.	15.35	55.3	59.2	52.8
9.	09.40	66.2	69.7	58.2	45.	12.40	54.3	56.6	53.0	81.	15.40	61.5	64.2	59.4
10.	09.45	63.1	66.9	55.4	46.	12.45	51.7	55.1	49.9	82.	15.45	61.9	64.4	58.1
11.	09.50	57.9	61.6	52.5	47.	12.50	50.6	52.3	49.9	83.	15.50	53.8	56.9	53.0
12.	09.55	52.6	56.5	51.4	48.	12.55	50.8	53.7	50.0	84.	15.55	54.3	65.0	52.9
13.	10.00	56.7	59.7	54.1	49.	13.00	51.5	53.2	50.8	85.	16.00	55.0	56.8	53.9
14.	10.05	59.8	61.5	57.7	50.	13.05	51.6	53.6	50.9	86.	16.05	55.9	57.9	54.7
15.	10.10	58.6	64.2	56.9	51.	13.10	52.1	54.0	50.5	87.	16.10	54.3	56.2	53.3
16.	10.15	57.3	60.7	55.3	52.	13.15	54.1	56.8	52.4	88.	16.15	54.4	55.7	53.6
17.	10.20	55.8	59.5	53.8	53.	13.20	51.1	60.7	49.6	89.	16.20	59.9	63.9	54.5
18.	10.25	56.9	62.4	53.2	54.	13.25	51.6	52.9	50.7	90.	16.25	58.7	60.2	56.1
19.	10.30	51.9	54.0	51.0	55.	13.30	51.5	54.9	50.3	91.	16.30	57.9	60.2	56.4
20.	10.35	54.0	57.9	51.5	56.	13.35	51.5	54.9	50.3	92.	16.35	60.7	62.2	56.8
21.	10.40	60.2	62.9	58.1	57.	13.40	50.8	53.3	49.9	93.	16.40	55.8	62.6	53.5
22.	10.45	60.6	63.1	56.8	58.	13.45	52.0	54.6	50.6	94.	16.45	54.2	62.9	51.6
23.	10.50	58.4	61.9	54.5	59.	13.50	53.3	54.6	52.4	95.	16.50	52.1	55.6	51.3
24.	10.55	56.1	60.1	53.6	60.	13.55	52.6	54.7	51.8	96.	16.55	53.0	56.4	51.9
25.	11.00	58.1	61.2	54.7	61.	14.00	51.2	55.5	50.6	97.	17.00	54.6	58.9	53.3
26.	11.05	58.2	61.1	54.8	62.	14.05	54.1	58.3	51.2	98.	17.05	55.6	57.9	54.3
27.	11.10	55.7	60.7	53.8	63.	14.10	56.5	59.2	54.0	99.	17.10	53.0	56.4	51.2
28.	11.15	55.0	60.3	53.6	64.	14.15	54.3	56.2	53.6	100.	17.15	51.9	53.6	51.2
29.	11.20	56.4	60.8	53.7	65.	14.20	54.3	56.0	52.8	101.	17.20	52.1	55.0	51.3
30.	11.25	52.5	55.6	51.7	66.	14.25	58.1	59.4	56.9	102.	17.25	52.8	54.5	52.1
31.	11.30	53.0	63.7	51.6	67.	14.30	57.4	59.8	52.9	103.	17.30	52.9	54.9	52.2
32.	11.35	53.7	55.5	52.6	68.	14.35	52.3	53.7	51.2	104.	17.35	53.4	55.3	51.8
33.	11.40	54.6	56.6	53.4	69.	14.40	54.0	56.7	52.3	105.	17.40	55.4	58.1	53.7
34.	11.45	53.0	54.9	52.0	70.	14.45	54.3	57.2	53.2	106.	17.45	54.4	62.5	50.2
35.	11.50	53.1	54.4	52.3	71.	14.50	57.1	60.1	53.2	107.	17.50	53.8	65.6	49.0
36.	11.55	58.6	62.6	53.2	72.	14.55	59.2	65.0	53.0	108.	17.55	52.7	64.7	47.5



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))		
		28-29/10/23					28-29/10/23					28-29/10/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
109.	18.00	51.0	63.4	46.6	145.	21.00	52.0	66.2	47.8	181.	00.00	47.6	55.4	46.3
110.	18.05	54.0	65.6	47.0	146.	21.05	52.5	68.3	49.1	182.	00.05	47.2	54.4	46.2
111.	18.10	54.6	64.9	48.0	147.	21.10	52.0	71.4	48.2	183.	00.10	47.3	51.5	46.2
112.	18.15	52.9	63.5	47.0	148.	21.15	53.0	63.6	49.2	184.	00.15	47.6	60.2	46.4
113.	18.20	51.0	62.5	46.6	149.	21.20	53.2	62.7	49.4	185.	00.20	47.2	51.4	46.1
114.	18.25	52.4	64.5	46.4	150.	21.25	53.1	64.9	49.3	186.	00.25	46.7	52.3	45.5
115.	18.30	60.0	67.6	47.6	151.	21.30	53.2	63.2	49.5	187.	00.30	46.9	52.4	45.8
116.	18.35	55.6	63.1	51.0	152.	21.35	51.5	58.3	49.2	188.	00.35	46.7	51.2	45.7
117.	18.40	56.1	64.5	52.0	153.	21.40	53.6	67.6	49.2	189.	00.40	47.1	51.8	46.0
118.	18.45	55.6	64.4	51.3	154.	21.45	53.1	62.4	48.0	190.	00.45	47.3	52.0	46.2
119.	18.50	53.4	62.7	49.3	155.	21.50	54.8	67.3	48.7	191.	00.50	47.2	51.1	46.2
120.	18.55	52.8	59.5	50.1	156.	21.55	53.0	65.0	48.6	192.	00.55	46.6	62.9	43.5
121.	19.00	54.5	63.5	51.0	157.	22.00	51.9	61.0	48.0	193.	01.00	43.7	48.3	42.3
122.	19.05	55.4	61.7	51.9	158.	22.05	53.0	63.7	49.0	194.	01.05	46.5	62.5	42.7
123.	19.10	54.2	71.9	49.9	159.	22.10	52.1	64.9	48.6	195.	01.10	44.7	50.8	43.3
124.	19.15	53.2	67.4	49.1	160.	22.15	53.5	65.9	48.7	196.	01.15	44.4	53.5	42.3
125.	19.20	53.3	70.8	48.9	161.	22.20	52.0	65.5	47.4	197.	01.20	45.0	62.0	42.5
126.	19.25	52.2	61.6	49.1	162.	22.25	53.7	64.5	48.9	198.	01.25	44.7	56.1	43.3
127.	19.30	52.3	71.8	49.2	163.	22.30	54.8	66.8	48.9	199.	01.30	47.6	52.6	43.6
128.	19.35	53.2	67.9	50.1	164.	22.35	54.0	66.7	49.8	200.	01.35	44.2	50.5	43.1
129.	19.40	54.1	71.5	49.9	165.	22.40	51.5	52.5	48.4	201.	01.40	45.3	61.4	42.4
130.	19.45	52.3	63.2	49.2	166.	22.45	49.5	52.4	48.0	202.	01.45	45.2	57.6	43.0
131.	19.50	53.5	64.9	50.2	167.	22.50	48.5	52.2	47.7	203.	01.50	46.1	63.1	43.1
132.	19.55	53.4	68.0	50.6	168.	22.55	48.0	48.6	47.7	204.	01.55	45.3	61.2	43.4
133.	20.00	53.1	61.9	50.0	169.	23.00	49.9	59.4	47.7	205.	02.00	44.0	52.2	42.5
134.	20.05	53.3	61.3	50.4	170.	23.05	51.4	65.0	50.3	206.	02.05	43.7	53.5	42.3
135.	20.10	54.2	68.8	50.1	171.	23.10	50.4	51.0	50.1	207.	02.10	43.7	56.7	42.1
136.	20.15	52.5	61.5	49.6	172.	23.15	50.4	55.5	50.0	208.	02.15	43.9	61.2	41.9
137.	20.20	53.1	64.3	50.0	173.	23.20	50.7	62.1	49.8	209.	02.20	44.5	66.4	42.1
138.	20.25	53.9	74.1	49.0	174.	23.25	50.9	53.1	50.4	210.	02.25	45.2	55.0	42.4
139.	20.30	53.2	69.9	49.4	175.	23.30	49.3	70.8	46.5	211.	02.30	45.4	60.8	42.4
140.	20.35	52.2	60.1	50.3	176.	23.35	47.2	52.8	46.3	212.	02.35	44.1	52.4	42.5
141.	20.40	52.6	61.6	49.5	177.	23.40	47.0	55.1	46.0	213.	02.40	44.6	50.9	42.7
142.	20.45	52.1	64.2	48.2	178.	23.45	47.1	51.3	45.9	214.	02.45	43.8	49.6	42.3
143.	20.50	53.9	69.3	48.6	179.	23.50	47.6	53.3	46.7	215.	02.50	44.3	53.6	42.7
144.	20.55	51.8	65.2	48.0	180.	23.55	47.5	53.2	46.6	216.	02.55	44.2	52.9	42.7

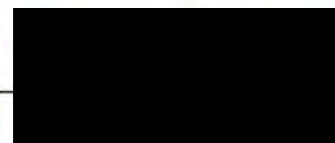




Thai Environmental Technic Limited  
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(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))		
		28-29/10/23					28-29/10/23					28-29/10/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
217.	03.00	44.5	49.5	42.7	241.	05.00	52.8	64.6	50.0	265.	07.00	55.6	69.6	49.9
218.	03.05	43.7	53.7	42.6	242.	05.05	51.6	57.0	49.6	266.	07.05	54.7	61.7	49.9
219.	03.10	43.7	53.8	42.7	243.	05.10	52.3	58.0	50.0	267.	07.10	54.1	64.6	47.2
220.	03.15	43.4	51.0	42.5	244.	05.15	52.6	58.3	50.2	268.	07.15	54.2	67.0	49.3
221.	03.20	43.5	49.0	42.5	245.	05.20	52.3	56.9	50.2	269.	07.20	53.4	61.7	48.9
222.	03.25	45.3	57.1	42.9	246.	05.25	53.5	63.8	50.4	270.	07.25	54.3	62.5	48.6
223.	03.30	44.3	51.2	43.1	247.	05.30	53.6	62.0	50.8	271.	07.30	56.2	67.0	50.9
224.	03.35	44.6	56.6	43.2	248.	05.35	53.1	58.0	51.0	272.	07.35	53.9	63.9	48.8
225.	03.40	44.9	51.2	43.1	249.	05.40	53.5	59.0	50.8	273.	07.40	53.8	65.1	49.3
226.	03.45	44.7	47.3	43.7	250.	05.45	53.2	62.5	50.5	274.	07.45	56.0	73.1	49.6
227.	03.50	44.1	48.3	43.2	251.	05.50	53.7	64.9	50.3	275.	07.50	61.7	63.4	61.1
228.	03.55	44.6	50.8	43.6	252.	05.55	53.5	64.5	50.2	276.	07.55	61.2	62.3	60.7
229.	04.00	44.3	49.2	43.3	253.	06.00	53.1	61.7	50.0	277.	08.00	61.2	62.2	60.6
230.	04.05	44.3	53.7	43.3	254.	06.05	52.6	63.2	49.9	278.	08.05	61.2	62.1	60.7
231.	04.10	46.5	55.4	44.8	255.	06.10	52.7	60.0	49.5	279.	08.10	61.1	62.6	60.6
232.	04.15	48.6	63.1	43.7	256.	06.15	53.2	62.1	48.8	280.	08.15	61.1	66.9	60.5
233.	04.20	49.6	58.6	46.7	257.	06.20	52.6	61.1	49.2	281.	08.20	61.3	65.7	60.6
234.	04.25	50.1	55.7	47.4	258.	06.25	53.4	72.3	48.7	282.	08.25	61.6	66.7	60.9
235.	04.30	50.9	57.6	48.1	259.	06.30	52.2	59.5	49.0	283.	08.30	61.6	66.6	60.9
236.	04.35	52.3	58.6	49.5	260.	06.35	52.8	58.9	49.7	284.	08.35	61.6	64.8	60.9
237.	04.40	50.4	56.8	47.9	261.	06.40	53.2	66.7	50.0	285.	08.40	61.6	65.9	60.9
238.	04.45	50.5	56.0	48.4	262.	06.45	53.8	61.8	50.8	286.	08.45	61.6	64.7	60.9
239.	04.50	50.6	59.4	48.5	263.	06.50	54.2	64.4	50.3	287.	08.50	61.5	64.4	60.9
240.	04.55	50.9	54.8	48.9	264.	06.55	54.0	62.7	50.4	288.	08.55	61.5	64.4	60.8



General Manager

**TET**

# Thai Environmental Technic Limited

## บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP  
 Project : โครงการผลิตลวดทองแดงส่วนขยาย ครั้งที่ 1  
 Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม  
 อำเภอบางปะกง จังหวัดฉะเชิงเทรา 24130  
 Contact : Tel. (038)-573 231-5  
 Job No. : 5660063/Oct/1

Report No. : 3454/2023/3-7  
 Report Date : November 14, 2023  
 Sampling Date : October 27-November 3, 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))		
		29-30/10/23					29-30/10/23					29-30/10/23		
		Leq	Lmax	L90			Leq	Lmax	L90			Leq	Lmax	L90
1.	09.00	61.4	64.1	60.8	37.	12.00	54.6	67.4	50.0	73.	15.00	52.5	66.9	45.2
2.	09.05	61.4	64.9	60.8	38.	12.05	53.3	61.2	49.2	74.	15.05	51.1	61.1	44.8
3.	09.10	61.4	64.3	60.8	39.	12.10	53.3	61.7	48.6	75.	15.10	50.3	63.4	44.1
4.	09.15	61.3	64.5	60.7	40.	12.15	54.3	69.2	50.0	76.	15.15	53.4	67.2	44.9
5.	09.20	61.0	62.0	60.5	41.	12.20	52.7	62.5	48.1	77.	15.20	52.7	70.5	44.1
6.	09.25	61.0	62.1	60.5	42.	12.25	52.7	68.1	49.1	78.	15.25	52.3	63.7	44.2
7.	09.30	61.1	62.5	60.6	43.	12.30	54.0	68.2	49.9	79.	15.30	53.5	69.8	45.1
8.	09.35	61.0	62.1	60.5	44.	12.35	52.7	58.0	49.8	80.	15.35	54.6	72.2	47.0
9.	09.40	61.4	63.7	60.7	45.	12.40	55.4	69.7	52.7	81.	15.40	53.1	68.3	45.5
10.	09.45	61.5	65.6	60.8	46.	12.45	53.9	63.7	50.9	82.	15.45	53.4	67.7	45.9
11.	09.50	57.7	69.3	53.6	47.	12.50	52.5	62.6	49.6	83.	15.50	52.1	63.3	47.5
12.	09.55	53.7	61.2	51.8	48.	12.55	55.0	66.3	50.0	84.	15.55	51.6	62.3	46.8
13.	10.00	55.7	76.8	51.8	49.	13.00	54.3	70.2	49.7	85.	16.00	51.7	61.8	46.6
14.	10.05	56.0	75.4	52.0	50.	13.05	55.9	79.7	49.4	86.	16.05	54.8	70.7	47.2
15.	10.10	55.6	60.2	54.0	51.	13.10	52.0	60.2	49.0	87.	16.10	52.6	67.6	46.2
16.	10.15	56.1	64.4	54.8	52.	13.15	53.7	65.7	49.9	88.	16.15	51.9	65.8	46.1
17.	10.20	56.5	62.8	55.0	53.	13.20	53.4	63.4	50.8	89.	16.20	53.0	65.5	45.9
18.	10.25	57.4	67.7	55.6	54.	13.25	53.1	60.4	51.2	90.	16.25	53.4	64.8	47.6
19.	10.30	56.7	66.4	55.3	55.	13.30	53.4	61.6	51.4	91.	16.30	53.4	69.6	46.1
20.	10.35	57.1	67.3	55.4	56.	13.35	54.1	61.7	52.3	92.	16.35	51.8	63.0	46.1
21.	10.40	57.2	66.9	55.1	57.	13.40	55.4	62.9	53.1	93.	16.40	52.1	64.6	46.2
22.	10.45	56.7	64.5	55.6	58.	13.45	53.5	68.1	48.3	94.	16.45	54.1	72.5	46.4
23.	10.50	56.6	69.5	54.5	59.	13.50	54.5	64.8	48.3	95.	16.50	53.7	73.1	46.1
24.	10.55	57.5	66.3	55.6	60.	13.55	54.9	68.0	48.1	96.	16.55	53.9	65.8	47.8
25.	11.00	56.9	61.2	55.8	61.	14.00	52.4	65.0	47.8	97.	17.00	54.2	67.8	47.2
26.	11.05	56.0	64.1	54.2	62.	14.05	51.9	67.0	46.7	98.	17.05	52.1	63.9	47.0
27.	11.10	55.7	66.6	54.1	63.	14.10	53.5	63.0	46.9	99.	17.10	51.4	62.5	46.8
28.	11.15	55.5	65.0	53.4	64.	14.15	54.3	64.0	46.7	100.	17.15	52.2	63.2	46.7
29.	11.20	55.7	65.9	49.4	65.	14.20	54.1	66.7	48.3	101.	17.20	51.3	60.9	46.5
30.	11.25	57.2	63.8	51.1	66.	14.25	53.2	62.9	47.6	102.	17.25	52.4	66.8	47.4
31.	11.30	53.7	67.7	47.9	67.	14.30	55.3	70.6	48.2	103.	17.30	51.7	61.1	48.1
32.	11.35	53.1	64.9	48.2	68.	14.35	51.2	70.6	46.9	104.	17.35	51.7	62.8	48.6
33.	11.40	54.4	76.3	47.2	69.	14.40	52.0	60.5	46.6	105.	17.40	51.5	62.1	47.3
34.	11.45	57.3	71.3	50.5	70.	14.45	53.6	63.5	47.5	106.	17.45	51.6	59.5	47.4
35.	11.50	56.3	67.2	51.2	71.	14.50	51.7	67.2	45.7	107.	17.50	54.0	67.7	48.7
36.	11.55	56.6	70.4	50.0	72.	14.55	54.0	67.9	46.0	108.	17.55	51.6	62.8	47.4



**TET**

**Thai Environmental Technic Limited**  
**บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด**

(3/2-3)

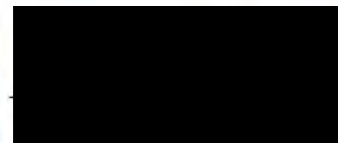
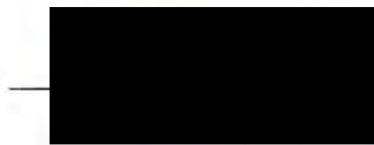
ริมรั้วหลังโรงงาน														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		29-30/10/23					29-30/10/23					29-30/10/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
109.	18.00	53.6	63.1	50.1	145.	21.00	50.8	54.3	49.2	181.	00.00	49.3	51.1	48.3
110.	18.05	52.7	65.9	47.5	146.	21.05	51.4	57.9	49.7	182.	00.05	50.4	55.3	49.5
111.	18.10	52.5	62.0	49.2	147.	21.10	51.4	60.1	49.0	183.	00.10	50.0	54.0	49.2
112.	18.15	53.9	66.2	50.0	148.	21.15	50.5	53.0	49.3	184.	00.15	50.1	56.6	49.0
113.	18.20	53.0	60.2	50.0	149.	21.20	50.9	56.5	49.6	185.	00.20	49.3	53.9	48.3
114.	18.25	53.9	65.8	50.4	150.	21.25	50.7	53.9	49.4	186.	00.25	49.2	51.5	48.2
115.	18.30	53.9	64.9	49.5	151.	21.30	51.0	53.9	49.7	187.	00.30	47.8	51.6	46.0
116.	18.35	51.9	63.1	48.5	152.	21.35	51.0	54.2	49.7	188.	00.35	47.9	51.1	46.6
117.	18.40	51.1	60.1	48.0	153.	21.40	50.8	55.7	49.7	189.	00.40	47.6	49.9	46.3
118.	18.45	53.0	64.6	48.6	154.	21.45	50.9	54.0	49.6	190.	00.45	47.6	49.9	45.9
119.	18.50	52.8	64.3	49.3	155.	21.50	50.8	55.1	49.5	191.	00.50	48.9	52.0	47.7
120.	18.55	53.6	66.7	50.4	156.	21.55	51.3	55.4	50.0	192.	00.55	49.4	52.7	48.4
121.	19.00	53.1	64.0	48.6	157.	22.00	51.7	55.6	50.3	193.	01.00	49.2	62.9	48.0
122.	19.05	55.5	70.3	50.0	158.	22.05	51.0	54.0	49.7	194.	01.05	49.0	57.0	48.1
123.	19.10	54.4	67.4	50.0	159.	22.10	50.7	54.6	49.0	195.	01.10	48.6	55.0	47.8
124.	19.15	53.9	65.3	49.3	160.	22.15	50.0	55.4	48.2	196.	01.15	48.6	52.9	47.8
125.	19.20	52.8	64.9	48.8	161.	22.20	51.3	54.7	50.0	197.	01.20	48.9	51.3	48.1
126.	19.25	52.7	64.5	48.4	162.	22.25	51.2	54.1	50.1	198.	01.25	49.0	51.9	48.1
127.	19.30	52.8	67.4	48.0	163.	22.30	51.1	54.1	50.0	199.	01.30	49.2	51.8	48.2
128.	19.35	51.9	64.4	48.4	164.	22.35	50.7	55.7	49.5	200.	01.35	49.9	52.1	48.9
129.	19.40	51.7	61.4	48.7	165.	22.40	51.1	53.9	49.9	201.	01.40	49.7	52.9	48.6
130.	19.45	52.4	62.3	48.8	166.	22.45	51.3	54.2	50.1	202.	01.45	49.3	51.2	48.3
131.	19.50	54.6	67.6	49.8	167.	22.50	50.9	54.8	49.9	203.	01.50	48.8	52.1	47.7
132.	19.55	53.1	66.9	49.5	168.	22.55	50.6	52.8	49.5	204.	01.55	49.1	52.0	48.1
133.	20.00	52.9	67.6	47.9	169.	23.00	50.5	55.0	49.4	205.	02.00	49.6	52.7	48.6
134.	20.05	51.6	65.0	46.9	170.	23.05	49.9	52.3	48.7	206.	02.05	49.2	51.1	48.4
135.	20.10	51.1	61.7	46.4	171.	23.10	49.9	52.5	48.7	207.	02.10	49.3	52.4	48.3
136.	20.15	49.9	59.1	46.0	172.	23.15	50.5	53.1	49.5	208.	02.15	49.3	52.7	48.2
137.	20.20	52.4	66.8	46.8	173.	23.20	50.7	53.9	48.3	209.	02.20	48.5	50.9	47.0
138.	20.25	53.2	66.9	47.4	174.	23.25	51.5	60.0	48.5	210.	02.25	48.2	51.2	47.2
139.	20.30	51.6	66.1	46.7	175.	23.30	51.2	54.0	49.8	211.	02.30	48.1	51.8	46.6
140.	20.35	48.0	54.4	47.1	176.	23.35	48.8	52.2	46.6	212.	02.35	47.8	52.9	46.5
141.	20.40	49.2	56.9	48.0	177.	23.40	50.1	53.0	48.9	213.	02.40	47.8	50.2	46.2
142.	20.45	49.5	53.1	48.3	178.	23.45	50.5	67.2	49.4	214.	02.45	48.3	50.6	47.2
143.	20.50	49.9	55.7	48.7	179.	23.50	49.3	52.6	48.0	215.	02.50	48.8	51.2	47.5
144.	20.55	49.9	56.2	48.7	180.	23.55	49.3	54.2	48.1	216.	02.55	48.7	51.2	47.0

**TET**

**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))		
		29-30/10/23					29-30/10/23					29-30/10/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
217.	03.00	48.9	52.7	47.8	241.	05.00	46.0	51.4	45.3	265.	07.00	44.8	63.0	42.5
218.	03.05	48.4	51.6	47.3	242.	05.05	46.4	52.6	45.5	266.	07.05	47.1	71.1	43.7
219.	03.10	48.2	58.6	47.1	243.	05.10	44.3	52.5	41.2	267.	07.10	46.6	67.0	42.7
220.	03.15	48.0	50.0	46.9	244.	05.15	46.7	51.4	45.9	268.	07.15	48.7	65.5	42.8
221.	03.20	47.4	49.8	46.2	245.	05.20	45.3	49.4	42.9	269.	07.20	43.6	54.3	42.2
222.	03.25	46.9	50.3	45.8	246.	05.25	44.2	56.9	40.7	270.	07.25	42.8	48.3	41.4
223.	03.30	47.0	49.1	45.8	247.	05.30	45.0	55.7	40.6	271.	07.30	43.7	55.6	42.6
224.	03.35	44.4	47.2	42.8	248.	05.35	41.8	52.1	40.3	272.	07.35	44.6	56.4	42.4
225.	03.40	44.7	48.2	42.9	249.	05.40	41.5	49.6	40.5	273.	07.40	44.7	52.7	42.4
226.	03.45	45.0	51.5	43.1	250.	05.45	42.6	67.5	40.3	274.	07.45	43.2	50.8	41.2
227.	03.50	44.7	55.1	42.3	251.	05.50	42.4	60.4	40.2	275.	07.50	43.3	47.8	42.1
228.	03.55	44.6	49.2	42.9	252.	05.55	41.0	58.0	40.0	276.	07.55	46.2	60.3	42.3
229.	04.00	44.5	47.6	42.8	253.	06.00	41.4	52.9	40.0	277.	08.00	46.7	65.7	42.3
230.	04.05	44.1	50.6	42.5	254.	06.05	41.1	55.9	39.9	278.	08.05	44.0	61.0	42.5
231.	04.10	44.0	48.2	42.5	255.	06.10	45.6	74.1	39.8	279.	08.10	45.1	54.6	43.4
232.	04.15	43.7	52.8	41.9	256.	06.15	43.5	72.0	40.3	280.	08.15	53.5	70.4	47.8
233.	04.20	43.2	50.5	41.9	257.	06.20	43.6	69.3	40.9	281.	08.20	52.5	65.0	47.9
234.	04.25	43.0	46.5	41.9	258.	06.25	48.1	75.1	40.9	282.	08.25	52.1	63.3	47.8
235.	04.30	43.6	57.1	42.3	259.	06.30	42.0	59.1	40.7	283.	08.30	52.4	66.1	48.4
236.	04.35	42.8	51.1	41.7	260.	06.35	42.8	69.9	40.5	284.	08.35	53.4	67.6	49.7
237.	04.40	43.2	52.6	41.8	261.	06.40	41.6	57.7	40.3	285.	08.40	51.4	66.5	47.7
238.	04.45	43.5	54.1	41.8	262.	06.45	41.7	60.3	40.5	286.	08.45	52.0	65.8	47.9
239.	04.50	45.1	47.5	43.8	263.	06.50	45.8	63.5	40.7	287.	08.50	52.0	66.5	47.5
240.	04.55	46.0	49.5	45.3	264.	06.55	45.8	57.4	42.5	288.	08.55	52.2	69.2	48.8



General Manager



**TET**

# Thai Environmental Technic Limited

## บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP  
 Project : โครงการผลิตขวดทองแดงส่วนขยาย ครั้งที่ 1  
 Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม  
 อำเภอบางปะกง จังหวัดฉะเชิงเทรา 24130  
 Contact : Tel. (038)-573 231-5  
 Job No. : S660063/Oct/1

Report No. : 3454/2023/4-7  
 Report Date : November 14, 2023  
 Sampling Date : October 27-November 3, 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))		
		30-31/10/23					30-31/10/23					30-31/10/23		
		Leq	Lmax	L90			Leq	Lmax	L90			Leq	Lmax	L90
1.	09.00	53.1	64.6	50.3	37.	12.00	60.0	62.8	59.5	73.	15.00	60.4	63.4	59.8
2.	09.05	54.8	62.0	51.4	38.	12.05	60.1	67.4	59.5	74.	15.05	60.4	62.3	59.8
3.	09.10	52.7	61.5	48.9	39.	12.10	59.9	65.5	59.4	75.	15.10	60.5	62.2	59.9
4.	09.15	54.1	66.8	49.4	40.	12.15	60.1	73.4	59.5	76.	15.15	60.6	62.1	60.0
5.	09.20	52.8	62.6	47.1	41.	12.20	60.1	61.2	59.6	77.	15.20	60.6	62.3	60.0
6.	09.25	50.3	57.1	47.8	42.	12.25	60.3	61.8	59.6	78.	15.25	60.7	73.7	60.0
7.	09.30	50.7	68.2	47.7	43.	12.30	60.4	62.0	59.7	79.	15.30	60.6	66.4	60.0
8.	09.35	50.2	59.3	46.7	44.	12.35	60.1	61.2	59.6	80.	15.35	60.8	67.9	60.0
9.	09.40	51.8	65.3	47.2	45.	12.40	60.1	61.0	59.6	81.	15.40	60.5	62.1	60.0
10.	09.45	53.3	70.0	47.2	46.	12.45	60.1	61.8	59.6	82.	15.45	60.5	61.8	60.0
11.	09.50	53.1	68.5	46.8	47.	12.50	60.5	62.7	59.9	83.	15.50	60.4	61.9	59.9
12.	09.55	51.9	63.3	47.3	48.	12.55	60.5	62.4	59.9	84.	15.55	60.3	61.8	59.8
13.	10.00	54.5	71.4	47.5	49.	13.00	60.6	62.5	60.0	85.	16.00	60.4	62.5	59.8
14.	10.05	53.0	66.6	48.5	50.	13.05	60.2	61.6	59.6	86.	16.05	60.4	62.6	59.8
15.	10.10	51.6	63.5	47.7	51.	13.10	60.1	67.8	59.5	87.	16.10	60.4	62.5	59.8
16.	10.15	52.8	63.7	48.1	52.	13.15	60.1	62.3	59.5	88.	16.15	60.4	63.0	59.8
17.	10.20	51.7	62.2	47.4	53.	13.20	60.3	61.8	59.7	89.	16.20	60.1	61.2	59.7
18.	10.25	53.3	66.1	47.2	54.	13.25	60.3	62.4	59.7	90.	16.25	60.1	61.1	59.6
19.	10.30	53.9	69.9	47.0	55.	13.30	60.3	62.0	59.7	91.	16.30	60.2	61.3	59.7
20.	10.35	52.4	67.2	45.7	56.	13.35	60.2	61.6	59.6	92.	16.35	60.3	61.4	59.8
21.	10.40	50.9	65.6	46.6	57.	13.40	60.3	61.5	59.7	93.	16.40	60.6	62.3	60.1
22.	10.45	51.2	71.1	47.4	58.	13.45	60.4	62.0	59.8	94.	16.45	60.8	63.2	60.2
23.	10.50	61.0	76.3	60.1	59.	13.50	60.2	63.7	59.6	95.	16.50	60.9	63.1	60.2
24.	10.55	60.8	63.6	60.1	60.	13.55	59.9	61.5	59.4	96.	16.55	60.9	65.9	60.2
25.	11.00	60.7	63.0	60.0	61.	14.00	59.9	61.0	59.5	97.	17.00	60.9	63.7	60.2
26.	11.05	60.7	62.8	60.1	62.	14.05	60.1	61.6	59.5	98.	17.05	61.1	65.1	60.2
27.	11.10	60.7	63.0	60.0	63.	14.10	60.5	66.6	59.8	99.	17.10	61.6	64.9	60.4
28.	11.15	60.7	62.9	60.0	64.	14.15	60.5	63.7	59.8	100.	17.15	61.7	65.9	60.8
29.	11.20	60.6	63.3	60.0	65.	14.20	60.3	63.0	59.8	101.	17.20	60.9	64.5	60.3
30.	11.25	60.6	63.3	59.9	66.	14.25	60.3	61.8	59.8	102.	17.25	65.9	79.0	60.6
31.	11.30	60.4	63.6	59.8	67.	14.30	60.2	62.6	59.7	103.	17.30	63.0	67.8	61.3
32.	11.35	60.3	63.6	59.7	68.	14.35	60.1	61.4	59.6	104.	17.35	62.6	68.5	61.3
33.	11.40	60.2	62.0	59.7	69.	14.40	60.2	61.4	59.7	105.	17.40	65.2	86.7	50.4
34.	11.45	60.1	61.3	59.6	70.	14.45	60.2	61.6	59.7	106.	17.45	63.3	67.8	62.1
35.	11.50	60.1	63.5	59.6	71.	14.50	60.4	61.9	59.8	107.	17.50	63.1	65.5	62.2
36.	11.55	60.0	61.9	59.5	72.	14.55	60.5	62.1	59.9	108.	17.55	62.5	64.8	61.7



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))		
		30-31/10/23					30-31/10/23					30-31/10/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
109.	18.00	62.2	64.4	61.6	145.	21.00	53.4	55.9	52.7	181.	00.00	49.8	52.0	48.7
110.	18.05	62.2	63.9	61.6	146.	21.05	54.7	67.1	52.6	182.	00.05	49.7	54.2	48.6
111.	18.10	62.0	63.9	61.5	147.	21.10	53.9	57.7	52.8	183.	00.10	49.1	51.5	47.9
112.	18.15	61.9	70.4	61.3	148.	21.15	53.7	59.5	52.7	184.	00.15	49.1	51.7	47.9
113.	18.20	61.7	65.7	61.2	149.	21.20	54.4	64.3	52.4	185.	00.20	49.7	52.3	48.7
114.	18.25	61.6	62.8	61.2	150.	21.25	53.4	59.2	52.1	186.	00.25	49.9	53.1	47.5
115.	18.30	61.6	63.8	61.2	151.	21.30	54.0	65.9	51.9	187.	00.30	50.7	59.2	47.7
116.	18.35	61.8	63.8	61.3	152.	21.35	50.4	70.3	46.6	188.	00.35	50.4	53.2	49.0
117.	18.40	61.8	64.3	61.4	153.	21.40	47.2	53.6	46.3	189.	00.40	48.0	51.4	45.8
118.	18.45	61.8	62.8	61.3	154.	21.45	48.4	56.1	47.2	190.	00.45	49.3	52.2	48.1
119.	18.50	61.8	62.9	61.4	155.	21.50	48.7	52.3	47.5	191.	00.50	49.7	66.4	48.6
120.	18.55	61.8	62.8	61.3	156.	21.55	49.1	54.9	47.9	192.	00.55	48.5	51.8	47.2
121.	19.00	61.8	62.8	61.3	157.	22.00	49.1	55.4	47.9	193.	01.00	48.5	53.4	47.3
122.	19.05	53.5	62.2	51.2	158.	22.05	50.0	53.5	48.4	194.	01.05	48.5	50.3	47.5
123.	19.10	47.5	50.8	45.5	159.	22.10	50.6	57.1	48.9	195.	01.10	49.6	54.5	48.7
124.	19.15	46.3	52.0	45.5	160.	22.15	50.6	59.3	48.2	196.	01.15	49.2	53.2	48.4
125.	19.20	46.1	55.8	45.3	161.	22.20	49.7	52.2	48.5	197.	01.20	49.3	55.8	48.2
126.	19.25	46.4	48.8	45.3	162.	22.25	50.1	55.7	48.8	198.	01.25	48.5	53.1	47.5
127.	19.30	47.1	51.6	46.3	163.	22.30	49.9	53.1	48.6	199.	01.30	48.4	50.7	47.4
128.	19.35	46.4	52.0	45.4	164.	22.35	50.2	53.1	48.9	200.	01.35	47.0	50.8	45.2
129.	19.40	46.0	48.8	45.3	165.	22.40	50.2	53.4	48.9	201.	01.40	47.1	50.3	45.8
130.	19.45	46.0	51.9	45.1	166.	22.45	50.0	54.9	48.9	202.	01.45	46.8	49.1	45.5
131.	19.50	45.8	47.6	44.9	167.	22.50	50.1	53.2	48.8	203.	01.50	46.8	49.1	45.1
132.	19.55	46.8	49.7	45.1	168.	22.55	50.0	54.3	48.7	204.	01.55	48.1	51.2	46.9
133.	20.00	48.1	52.6	46.9	169.	23.00	50.5	54.6	49.2	205.	02.00	48.6	51.9	47.6
134.	20.05	65.4	70.9	49.0	170.	23.05	50.9	54.8	49.5	206.	02.05	48.4	62.1	47.2
135.	20.10	66.2	71.6	65.1	171.	23.10	50.2	53.2	48.9	207.	02.10	48.2	56.2	47.3
136.	20.15	64.7	83.6	58.1	172.	23.15	49.9	53.8	48.2	208.	02.15	47.8	54.2	47.0
137.	20.20	58.6	84.2	53.1	173.	23.20	49.2	54.6	47.4	209.	02.20	47.8	52.1	47.0
138.	20.25	53.6	66.8	51.5	174.	23.25	50.5	53.9	49.2	210.	02.25	48.1	50.5	47.3
139.	20.30	54.3	60.5	53.2	175.	23.30	50.4	53.3	49.3	211.	02.30	48.2	51.1	47.3
140.	20.35	55.2	72.8	54.0	176.	23.35	50.3	53.3	49.2	212.	02.35	48.4	51.0	47.4
141.	20.40	56.2	73.8	54.2	177.	23.40	49.9	54.9	48.7	213.	02.40	49.1	51.3	48.1
142.	20.45	54.6	75.3	53.2	178.	23.45	50.3	53.1	49.1	214.	02.45	48.9	52.1	47.8
143.	20.50	54.2	58.7	53.1	179.	23.50	50.5	53.4	49.3	215.	02.50	48.5	50.4	47.5
144.	20.55	53.6	62.7	52.4	180.	23.55	50.1	54.0	49.1	216.	02.55	48.0	51.3	46.9

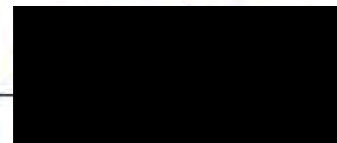


**TET**

**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))		
		30-31/10/23					30-31/10/23					30-31/10/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
217.	03.00	48.3	51.2	47.3	241.	05.00	43.8	48.4	42.1	265.	07.00	40.2	57.2	39.2
218.	03.05	48.8	51.9	47.8	242.	05.05	43.7	46.8	42.0	266.	07.05	40.6	52.1	39.2
219.	03.10	48.4	50.3	47.6	243.	05.10	43.3	49.8	41.7	267.	07.10	40.3	55.1	39.1
220.	03.15	48.5	51.6	47.5	244.	05.15	43.2	47.4	41.7	268.	07.15	44.8	73.3	39.0
221.	03.20	48.5	51.9	47.4	245.	05.20	42.9	52.0	41.1	269.	07.20	42.7	71.2	39.5
222.	03.25	47.7	50.1	46.2	246.	05.25	42.4	49.7	41.1	270.	07.25	42.8	68.5	40.1
223.	03.30	47.4	50.4	46.4	247.	05.30	42.2	45.7	41.1	271.	07.30	47.3	74.3	40.1
224.	03.35	47.3	51.0	45.8	248.	05.35	42.8	56.3	41.5	272.	07.35	41.2	58.3	39.9
225.	03.40	47.0	52.1	45.7	249.	05.40	42.0	50.3	40.9	273.	07.40	42.0	69.1	39.7
226.	03.45	47.0	49.4	45.4	250.	05.45	42.4	51.8	41.0	274.	07.45	40.8	56.9	39.5
227.	03.50	47.5	49.8	46.4	251.	05.50	42.7	53.3	41.0	275.	07.50	40.9	59.5	39.7
228.	03.55	48.0	50.4	46.7	252.	05.55	44.3	46.7	43.0	276.	07.55	45.0	62.7	39.9
229.	04.00	47.9	50.4	46.2	253.	06.00	45.2	48.7	44.5	277.	08.00	45.0	56.6	41.7
230.	04.05	48.1	51.9	47.0	254.	06.05	45.2	50.6	44.5	278.	08.05	44.0	62.2	41.7
231.	04.10	47.6	50.8	46.5	255.	06.10	45.6	51.8	44.7	279.	08.10	46.3	70.3	42.9
232.	04.15	47.4	57.8	46.3	256.	06.15	43.5	51.7	40.4	280.	08.15	45.8	66.2	41.9
233.	04.20	47.2	49.2	46.1	257.	06.20	45.9	50.6	45.1	281.	08.20	47.9	64.7	42.0
234.	04.25	46.6	49.0	45.4	258.	06.25	44.5	48.6	42.1	282.	08.25	42.8	53.5	41.4
235.	04.30	46.1	49.5	45.0	259.	06.30	43.4	56.1	39.9	283.	08.30	42.0	47.5	40.6
236.	04.35	46.2	48.3	45.0	260.	06.35	44.2	54.9	39.8	284.	08.35	42.9	54.8	41.8
237.	04.40	43.6	46.4	42.0	261.	06.40	41.0	51.3	39.5	285.	08.40	43.8	55.6	41.6
238.	04.45	43.9	47.4	42.1	262.	06.45	40.7	48.8	39.7	286.	08.45	43.9	51.9	41.6
239.	04.50	44.2	50.7	42.3	263.	06.50	41.8	66.7	39.5	287.	08.50	42.4	50.0	40.4
240.	04.55	43.9	54.3	41.5	264.	06.55	41.6	59.6	39.4	288.	08.55	42.5	47.0	41.3



General Manager

**TET**

# Thai Environmental Technic Limited

## บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP  
 Project : โครงการผลิตขวดทองแดงส่วนขยาย ครั้งที่ 1  
 Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม  
 อำเภอบางปะกง จังหวัดฉะเชิงเทรา 24130  
 Contact : Tel. (038)-573 231-5  
 Job No. : S660063/Oct/1

Report No. : 3454/2023/5-7  
 Report Date : November 14, 2023  
 Sampling Date : October 27-November 3, 2023  
 Type of Sample : Sound Level

(5/1-3)

### ริมรั้วหลังโรงงาน

รื้อหลังโรงงาน														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		31/10-01/11/23					31/10-01/11/23					31/10-01/11/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
1.	09.00	45.4	59.5	41.5	37.	12.00	51.0	66.5	44.9	73.	15.00	54.3	66.9	50.2
2.	09.05	45.9	64.9	41.5	38.	12.05	46.9	59.8	44.8	74.	15.05	52.5	61.9	50.2
3.	09.10	43.2	60.2	41.7	39.	12.10	45.9	60.9	44.6	75.	15.10	55.4	72.2	50.1
4.	09.15	44.3	53.8	42.6	40.	12.15	46.0	59.0	44.8	76.	15.15	51.3	55.3	49.5
5.	09.20	44.8	54.7	43.7	41.	12.20	46.2	65.8	45.0	77.	15.20	53.7	66.9	49.6
6.	09.25	46.2	70.2	43.7	42.	12.25	46.4	52.5	45.3	78.	15.25	53.1	65.6	50.1
7.	09.30	46.1	58.7	43.8	43.	12.30	45.9	49.1	45.1	79.	15.30	50.9	58.5	49.0
8.	09.35	45.7	58.6	43.6	44.	12.35	46.8	52.3	45.7	80.	15.35	51.2	57.8	48.9
9.	09.40	44.9	60.4	43.5	45.	12.40	47.1	58.9	45.7	81.	15.40	49.3	54.6	46.9
10.	09.45	45.9	63.9	43.2	46.	12.45	46.2	50.0	45.0	82.	15.45	52.1	60.2	49.2
11.	09.50	47.8	57.8	45.4	47.	12.50	46.6	57.9	44.9	83.	15.50	52.7	61.8	50.1
12.	09.55	49.1	63.8	47.6	48.	12.55	46.0	53.3	44.6	84.	15.55	50.3	56.6	48.3
13.	10.00	46.1	57.0	43.2	49.	13.00	47.1	62.8	44.7	85.	16.00	49.2	55.4	47.2
14.	10.05	44.7	62.3	43.0	50.	13.05	45.6	50.9	44.3	86.	16.05	49.5	57.8	46.8
15.	10.10	52.8	66.7	44.3	51.	13.10	46.9	64.9	44.2	87.	16.10	50.9	61.1	48.4
16.	10.15	49.8	54.7	48.2	52.	13.15	45.1	51.2	44.2	88.	16.15	51.1	64.8	48.3
17.	10.20	52.1	56.5	50.7	53.	13.20	46.9	65.4	44.0	89.	16.20	50.5	61.7	48.0
18.	10.25	50.9	63.9	49.6	54.	13.25	45.7	52.4	44.3	90.	16.25	49.5	53.1	47.8
19.	10.30	50.6	64.0	49.4	55.	13.30	45.0	51.9	44.1	91.	16.30	48.0	69.5	45.2
20.	10.35	49.7	57.8	48.3	56.	13.35	46.4	51.7	44.7	92.	16.35	45.9	51.5	45.0
21.	10.40	48.3	55.0	47.2	57.	13.40	45.7	51.7	44.3	93.	16.40	45.7	53.8	44.7
22.	10.45	47.7	60.5	46.6	58.	13.45	45.4	51.5	44.4	94.	16.45	45.8	50.0	44.6
23.	10.50	47.1	51.4	45.9	59.	13.50	48.0	67.6	44.1	95.	16.50	46.3	52.0	45.4
24.	10.55	47.4	65.5	46.1	60.	13.55	45.3	56.3	44.2	96.	16.55	46.2	51.9	45.3
25.	11.00	47.2	51.6	46.0	61.	14.00	45.6	50.3	44.3	97.	17.00	46.3	54.1	45.0
26.	11.05	46.9	54.3	46.0	62.	14.05	45.7	56.1	44.4	98.	17.05	45.9	53.1	44.9
27.	11.10	46.7	54.5	45.8	63.	14.10	46.3	53.9	44.8	99.	17.10	46.0	50.2	44.9
28.	11.15	46.9	55.7	45.5	64.	14.15	46.5	66.2	44.4	100.	17.15	46.3	58.9	45.1
29.	11.20	46.9	59.8	45.9	65.	14.20	45.7	51.9	44.4	101.	17.20	45.9	50.1	44.8
30.	11.25	46.6	51.1	45.8	66.	14.25	45.7	53.4	44.8	102.	17.25	45.4	51.0	44.2
31.	11.30	46.0	51.3	45.2	67.	14.30	45.6	51.2	44.5	103.	17.30	45.6	51.1	44.5
32.	11.35	46.0	51.9	45.0	68.	14.35	46.1	52.4	44.9	104.	17.35	45.4	49.9	44.4
33.	11.40	45.9	50.0	45.1	69.	14.40	49.0	66.7	45.6	105.	17.40	45.8	50.5	44.7
34.	11.45	46.3	54.6	45.2	70.	14.45	53.5	62.7	51.5	106.	17.45	46.0	50.7	44.9
35.	11.50	46.3	61.4	44.9	71.	14.50	54.4	69.2	51.5	107.	17.50	45.9	49.8	44.9
36.	11.55	46.2	53.2	45.2	72.	14.55	53.9	64.0	51.7	108.	17.55	45.3	61.6	42.2





**Thai Environmental Technic Limited**  
**บริษัท เทคนิคสิ่งแวดล้อมไทย 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))		
		31/10-01/11/23					31/10-01/11/23					31/10-01/11/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
109.	18.00	42.4	47.0	41.0	145.	21.00	43.0	47.9	42.0	181.	00.00	42.9	52.2	41.9
110.	18.05	45.2	61.2	41.4	146.	21.05	43.0	52.4	42.0	182.	00.05	42.6	48.5	41.8
111.	18.10	43.4	49.5	42.0	147.	21.10	45.2	54.1	43.5	183.	00.10	42.7	46.4	41.8
112.	18.15	43.1	52.2	41.0	148.	21.15	44.4	50.4	43.3	184.	00.15	42.7	49.2	41.6
113.	18.20	43.7	60.7	41.2	149.	21.20	43.7	46.3	42.4	185.	00.20	42.2	48.1	41.4
114.	18.25	43.4	54.8	42.0	150.	21.25	43.6	48.8	42.5	186.	00.25	42.6	48.2	41.7
115.	18.30	46.3	51.3	42.3	151.	21.30	43.6	51.0	42.7	187.	00.30	42.6	49.5	41.8
116.	18.35	42.9	49.2	41.8	152.	21.35	43.4	54.2	42.5	188.	00.35	42.7	48.5	41.7
117.	18.40	44.0	60.1	41.1	153.	21.40	44.5	57.0	42.7	189.	00.40	43.4	52.8	41.8
118.	18.45	43.9	56.3	41.7	154.	21.45	44.1	58.5	42.7	190.	00.45	42.6	49.0	41.9
119.	18.50	44.8	61.8	41.8	155.	21.50	44.0	48.5	43.0	191.	00.50	43.0	49.6	42.2
120.	18.55	44.0	59.9	42.1	156.	21.55	44.1	48.5	43.0	192.	00.55	42.9	49.0	42.2
121.	19.00	42.7	50.9	41.2	157.	22.00	44.1	47.8	43.2	193.	01.00	43.1	48.9	42.4
122.	19.05	42.4	52.2	41.0	158.	22.05	44.6	53.7	42.6	194.	01.05	43.0	46.1	42.3
123.	19.10	42.4	55.4	40.8	159.	22.10	43.6	50.3	42.5	195.	01.10	43.9	46.5	42.8
124.	19.15	42.6	59.9	40.6	160.	22.15	44.7	53.2	42.8	196.	01.15	43.1	49.8	42.1
125.	19.20	43.2	65.1	40.8	161.	22.20	44.8	49.4	43.9	197.	01.20	43.0	51.2	42.1
126.	19.25	43.9	53.7	41.1	162.	22.25	44.6	55.1	43.1	198.	01.25	43.4	49.9	42.1
127.	19.30	44.1	59.5	41.1	163.	22.30	44.8	52.4	43.5	199.	01.30	42.6	45.0	41.9
128.	19.35	42.8	51.1	41.2	164.	22.35	44.7	52.3	43.9	200.	01.35	42.4	50.1	41.7
129.	19.40	43.3	49.6	41.4	165.	22.40	45.4	55.1	43.8	201.	01.40	42.8	44.9	41.9
130.	19.45	42.5	48.3	41.0	166.	22.45	44.7	47.9	43.9	202.	01.45	43.3	46.4	42.4
131.	19.50	43.0	52.3	41.4	167.	22.50	45.2	51.3	43.9	203.	01.50	43.6	56.2	42.5
132.	19.55	42.9	51.6	41.4	168.	22.55	47.1	56.3	43.6	204.	01.55	43.7	52.7	42.8
133.	20.00	43.2	48.2	41.4	169.	23.00	44.1	48.8	43.4	205.	02.00	43.8	51.1	42.8
134.	20.05	42.4	52.4	41.3	170.	23.05	44.0	48.0	42.9	206.	02.05	43.5	50.6	42.8
135.	20.10	42.4	52.5	41.4	171.	23.10	43.4	45.2	42.7	207.	02.10	43.6	51.0	42.8
136.	20.15	42.1	49.7	41.2	172.	23.15	43.5	45.4	42.7	208.	02.15	43.4	47.5	42.7
137.	20.20	42.2	47.7	41.2	173.	23.20	43.8	50.8	42.9	209.	02.20	43.4	47.5	42.3
138.	20.25	44.0	55.8	41.6	174.	23.25	43.4	45.8	42.7	210.	02.25	43.6	46.9	42.6
139.	20.30	43.0	49.9	41.8	175.	23.30	47.3	61.8	42.4	211.	02.30	43.5	49.3	42.7
140.	20.35	43.3	55.3	41.9	176.	23.35	43.5	49.6	42.2	212.	02.35	43.6	46.9	42.8
141.	20.40	43.6	49.9	41.8	177.	23.40	42.8	48.0	42.0	213.	02.40	43.5	49.3	42.7
142.	20.45	43.4	46.0	42.4	178.	23.45	42.6	44.9	41.9	214.	02.45	43.8	45.3	43.0
143.	20.50	42.8	47.0	41.9	179.	23.50	42.5	49.3	41.7	215.	02.50	43.6	46.3	42.7
144.	20.55	43.3	49.5	42.3	180.	23.55	42.5	46.0	41.7	216.	02.55	43.7	45.6	43.1

**TET**

**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))		
		31/10-01/11/23					31/10-01/11/23					31/10-01/11/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
217.	03.00	43.8	46.7	43.2	241.	05.00	54.1	61.5	50.9	265.	07.00	51.8	60.0	48.9
218.	03.05	44.1	47.5	43.4	242.	05.05	53.6	63.4	50.1	266.	07.05	54.5	66.2	49.0
219.	03.10	44.1	47.6	43.2	243.	05.10	54.6	73.1	50.0	267.	07.10	52.8	58.2	49.4
220.	03.15	44.1	49.0	43.3	244.	05.15	52.9	62.0	50.2	268.	07.15	56.9	78.8	48.7
221.	03.20	44.0	47.9	43.2	245.	05.20	52.4	59.3	49.2	269.	07.20	53.8	65.8	51.1
222.	03.25	44.1	49.0	43.4	246.	05.25	54.0	61.2	51.1	270.	07.25	53.8	68.8	51.0
223.	03.30	44.1	51.1	43.3	247.	05.30	53.8	60.4	50.9	271.	07.30	53.4	68.2	50.5
224.	03.35	43.7	47.0	42.7	248.	05.35	53.1	59.4	50.2	272.	07.35	54.3	70.2	50.5
225.	03.40	43.9	47.7	42.4	249.	05.40	52.4	59.4	49.4	273.	07.40	53.9	69.9	50.4
226.	03.45	45.1	51.7	44.0	250.	05.45	50.6	56.1	48.3	274.	07.45	52.5	69.1	50.1
227.	03.50	45.6	50.8	44.5	251.	05.50	54.7	65.0	49.9	275.	07.50	53.4	60.1	50.8
228.	03.55	44.8	48.9	43.9	252.	05.55	52.3	57.8	49.8	276.	07.55	51.7	56.6	49.8
229.	04.00	45.2	51.5	44.4	253.	06.00	52.6	59.2	50.4	277.	08.00	51.5	59.2	49.0
230.	04.05	44.5	49.3	43.2	254.	06.05	51.3	55.6	49.5	278.	08.05	52.6	64.8	49.5
231.	04.10	45.2	48.4	44.5	255.	06.10	50.8	57.2	48.6	279.	08.10	53.1	61.0	50.9
232.	04.15	45.6	48.5	44.8	256.	06.15	51.2	56.3	49.9	280.	08.15	54.0	60.6	50.7
233.	04.20	45.2	49.3	44.3	257.	06.20	54.1	62.3	50.5	281.	08.20	52.7	61.4	50.4
234.	04.25	44.9	47.9	44.1	258.	06.25	52.5	61.3	49.7	282.	08.25	53.4	60.3	51.3
235.	04.30	44.9	49.9	44.2	259.	06.30	51.4	56.1	49.7	283.	08.30	51.6	62.5	49.2
236.	04.35	44.7	49.2	44.0	260.	06.35	52.5	62.9	50.1	284.	08.35	52.0	59.9	49.7
237.	04.40	44.7	48.4	43.9	261.	06.40	53.1	58.6	50.4	285.	08.40	42.7	48.8	41.5
238.	04.45	46.2	50.9	44.8	262.	06.45	52.1	59.1	49.9	286.	08.45	43.4	48.4	42.0
239.	04.50	48.3	55.1	45.2	263.	06.50	53.4	65.3	49.5	287.	08.50	44.6	65.6	41.8
240.	04.55	50.9	54.7	49.5	264.	06.55	53.4	64.8	48.5	288.	08.55	44.4	50.2	42.4



General Manager



**TET**

# Thai Environmental Technic Limited

## บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP  
 Project : โครงการผลิตขวดทองแดงส่วนขยาย ครั้งที่ 1  
 Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม  
 อำเภอบางปะกง จังหวัดฉะเชิงเทรา 24130  
 Contact : Tel. (038)-573 231-5  
 Job No. : 5660063/Oct/1

Report No. : 3454/2023/6-7  
 Report Date : November 14, 2023  
 Sampling Date : October 27-November 3, 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))		
		01-02/11/23					01-02/11/23					01-02/11/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
1.	09.00	44.0	52.7	42.4	37.	12.00	51.1	54.2	50.0	73.	15.00	48.2	52.8	47.2
2.	09.05	45.5	52.7	43.4	38.	12.05	51.0	60.5	49.5	74.	15.05	48.7	61.1	47.2
3.	09.10	45.0	50.5	43.4	39.	12.10	51.1	54.8	50.3	75.	15.10	48.3	53.1	47.2
4.	09.15	46.0	54.6	43.9	40.	12.15	51.2	54.9	50.3	76.	15.15	51.7	58.2	50.5
5.	09.20	45.3	58.3	43.2	41.	12.20	51.0	54.0	50.2	77.	15.20	52.7	67.3	51.2
6.	09.25	46.6	65.5	43.9	42.	12.25	51.1	54.5	50.4	78.	15.25	51.8	60.9	51.0
7.	09.30	46.5	64.3	44.3	43.	12.30	51.1	62.5	48.5	79.	15.30	52.0	61.3	51.2
8.	09.35	45.3	52.2	44.0	44.	12.35	48.3	53.3	47.4	80.	15.35	52.4	62.1	51.5
9.	09.40	45.0	50.3	43.4	45.	12.40	48.3	58.1	47.4	81.	15.40	52.6	55.4	52.0
10.	09.45	46.7	60.4	44.0	46.	12.45	48.2	56.2	47.4	82.	15.45	52.7	54.8	52.1
11.	09.50	46.0	54.3	44.4	47.	12.50	48.1	57.5	47.3	83.	15.50	52.4	54.6	51.7
12.	09.55	46.1	53.5	44.3	48.	12.55	48.0	52.5	47.4	84.	15.55	52.4	61.1	51.6
13.	10.00	47.4	66.8	44.7	49.	13.00	48.2	52.9	47.5	85.	16.00	52.6	66.2	51.5
14.	10.05	46.8	56.7	44.6	50.	13.05	48.3	61.0	47.0	86.	16.05	51.9	55.4	51.3
15.	10.10	45.8	53.2	44.3	51.	13.10	47.8	55.6	47.1	87.	16.10	52.1	59.1	51.3
16.	10.15	45.6	51.6	43.8	52.	13.15	48.0	56.3	47.0	88.	16.15	52.0	58.7	51.4
17.	10.20	45.2	52.5	43.8	53.	13.20	47.9	52.8	47.0	89.	16.20	52.7	64.9	51.7
18.	10.25	47.6	61.2	45.2	54.	13.25	48.2	52.2	47.5	90.	16.25	53.7	67.9	52.2
19.	10.30	46.9	58.0	45.5	55.	13.30	48.3	53.1	47.5	91.	16.30	53.3	56.3	52.2
20.	10.35	46.9	54.1	45.7	56.	13.35	47.9	52.0	47.0	92.	16.35	53.3	55.6	52.3
21.	10.40	48.8	65.1	45.9	57.	13.40	47.8	52.0	47.0	93.	16.40	53.1	55.4	52.1
22.	10.45	46.7	52.4	45.5	58.	13.45	48.0	62.9	47.1	94.	16.45	53.2	60.3	52.0
23.	10.50	48.0	72.7	44.7	59.	13.50	48.4	57.7	47.3	95.	16.50	52.5	54.2	51.8
24.	10.55	46.9	56.2	45.0	60.	13.55	48.0	52.1	47.3	96.	16.55	52.4	58.5	51.7
25.	11.00	46.4	59.8	45.0	61.	14.00	48.0	53.6	47.2	97.	17.00	52.6	59.5	51.8
26.	11.05	46.0	54.1	45.0	62.	14.05	47.7	52.5	47.0	98.	17.05	52.2	54.3	51.6
27.	11.10	46.0	50.5	45.0	63.	14.10	47.7	52.8	46.7	99.	17.10	52.5	54.4	51.9
28.	11.15	46.4	52.2	45.3	64.	14.15	47.8	51.8	47.0	100.	17.15	52.3	55.1	51.7
29.	11.20	47.9	67.9	45.5	65.	14.20	48.3	56.6	47.0	101.	17.20	52.4	55.0	51.7
30.	11.25	46.4	54.6	45.1	66.	14.25	47.9	53.1	47.2	102.	17.25	53.6	57.8	52.4
31.	11.30	46.1	57.3	45.2	67.	14.30	47.6	52.0	46.9	103.	17.30	53.3	59.7	52.2
32.	11.35	46.1	50.8	45.0	68.	14.35	47.8	54.6	46.8	104.	17.35	53.6	56.8	52.2
33.	11.40	45.7	51.1	44.9	69.	14.40	47.4	52.0	46.6	105.	17.40	53.2	55.3	52.2
34.	11.45	47.1	59.6	44.9	70.	14.45	47.5	51.5	46.8	106.	17.45	53.4	55.4	52.3
35.	11.50	47.3	58.3	45.3	71.	14.50	47.9	52.1	46.8	107.	17.50	52.9	55.0	51.7
36.	11.55	51.5	53.3	50.6	72.	14.55	47.7	51.7	47.0	108.	17.55	53.1	55.4	51.7



Thai Environmental Technic Limited  
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(6/2-3)

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))		
		01-02/11/23					01-02/11/23					01-02/11/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
109.	18.00	52.6	54.5	51.7	145.	21.00	44.4	48.0	42.8	181.	00.00	44.3	48.6	43.6
110.	18.05	52.3	54.6	51.5	146.	21.05	45.5	48.4	44.8	182.	00.05	44.4	53.4	43.5
111.	18.10	52.4	58.1	51.5	147.	21.10	45.4	50.6	44.7	183.	00.10	44.8	53.5	43.6
112.	18.15	52.4	54.4	51.6	148.	21.15	44.6	55.6	43.7	184.	00.15	44.2	46.0	43.6
113.	18.20	52.3	55.3	51.2	149.	21.20	44.6	59.6	43.5	185.	00.20	45.8	54.4	43.5
114.	18.25	51.2	61.2	50.3	150.	21.25	44.6	47.7	43.9	186.	00.25	44.9	50.9	43.9
115.	18.30	51.0	54.8	50.1	151.	21.30	45.5	52.1	44.0	187.	00.30	44.4	46.7	43.6
116.	18.35	50.4	57.1	49.6	152.	21.35	44.9	52.0	44.0	188.	00.35	44.4	50.2	43.6
117.	18.40	55.9	61.5	49.6	153.	21.40	44.8	55.9	44.0	189.	00.40	44.7	49.3	43.9
118.	18.45	59.9	61.8	59.3	154.	21.45	44.0	49.1	43.1	190.	00.45	44.7	52.3	43.8
119.	18.50	59.8	61.1	59.3	155.	21.50	44.3	48.0	42.6	191.	00.50	44.8	50.9	43.9
120.	18.55	59.8	62.8	59.1	156.	21.55	44.5	48.6	43.2	192.	00.55	44.9	55.6	44.0
121.	19.00	59.7	61.0	59.1	157.	22.00	43.5	50.5	42.5	193.	01.00	44.5	48.5	43.2
122.	19.05	59.7	61.1	59.1	158.	22.05	43.4	52.3	42.5	194.	01.05	44.4	49.2	43.5
123.	19.10	59.7	62.8	59.1	159.	22.10	43.5	48.6	42.7	195.	01.10	44.0	49.9	43.0
124.	19.15	60.0	61.9	59.2	160.	22.15	44.3	53.8	43.3	196.	01.15	43.6	47.3	42.7
125.	19.20	59.3	62.1	50.2	161.	22.20	44.5	47.9	43.8	197.	01.20	43.2	45.4	42.4
126.	19.25	47.8	57.7	46.3	162.	22.25	43.1	47.4	42.1	198.	01.25	43.3	47.0	42.4
127.	19.30	47.1	52.1	46.2	163.	22.30	43.0	52.6	42.1	199.	01.30	43.0	47.4	42.1
128.	19.35	47.3	60.7	46.0	164.	22.35	42.9	47.4	42.1	200.	01.35	43.1	49.2	42.3
129.	19.40	46.8	53.7	46.1	165.	22.40	44.1	61.7	42.8	201.	01.40	42.9	45.5	42.1
130.	19.45	47.0	51.1	46.2	166.	22.45	43.4	48.4	42.4	202.	01.45	42.9	49.0	42.0
131.	19.50	44.5	57.6	43.1	167.	22.50	43.5	51.5	42.7	203.	01.50	42.6	50.4	41.8
132.	19.55	46.4	60.0	42.9	168.	22.55	43.7	49.6	42.9	204.	01.55	43.1	52.5	42.0
133.	20.00	48.3	61.7	42.7	169.	23.00	45.8	55.4	43.0	205.	02.00	42.7	45.2	42.0
134.	20.05	45.3	62.0	42.5	170.	23.05	44.0	48.1	43.1	206.	02.05	43.2	53.5	42.0
135.	20.10	43.5	55.3	42.6	171.	23.10	43.9	61.3	42.8	207.	02.10	42.8	46.2	42.1
136.	20.15	43.7	49.1	42.6	172.	23.15	43.4	47.2	42.6	208.	02.15	43.7	48.8	42.6
137.	20.20	44.1	50.1	43.0	173.	23.20	43.3	51.5	42.5	209.	02.20	44.2	47.0	43.4
138.	20.25	46.0	66.4	43.0	174.	23.25	43.6	46.1	42.8	210.	02.25	44.1	50.8	42.8
139.	20.30	45.8	54.9	45.0	175.	23.30	44.3	49.5	43.5	211.	02.30	43.4	47.0	42.3
140.	20.35	44.3	54.6	42.8	176.	23.35	44.3	46.5	43.5	212.	02.35	43.4	52.4	42.3
141.	20.40	43.8	47.0	42.5	177.	23.40	45.9	61.5	43.6	213.	02.40	42.9	49.5	42.0
142.	20.45	44.5	56.1	42.4	178.	23.45	44.2	46.7	43.6	214.	02.45	42.7	46.4	42.0
143.	20.50	44.7	59.9	43.5	179.	23.50	44.3	50.7	43.6	215.	02.50	42.8	46.7	41.9
144.	20.55	45.1	61.9	43.3	180.	23.55	44.0	46.2	43.4	216.	02.55	42.6	44.5	41.8



**TET**

**Thai Environmental Technic Limited**  
**บริษัท เทคนิคสิ่งแวดล้อมไทย 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))		
		01-02/11/23					01-02/11/23					01-02/11/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
217.	03.00	42.6	47.0	41.8	241.	05.00	42.2	47.4	41.2	265.	07.00	42.9	53.8	42.0
218.	03.05	43.2	46.6	42.2	242.	05.05	42.1	49.0	41.2	266.	07.05	42.7	49.4	41.8
219.	03.10	43.0	47.5	42.2	243.	05.10	43.3	49.6	41.2	267.	07.10	43.3	48.9	42.2
220.	03.15	42.0	45.7	41.0	244.	05.15	43.5	48.6	42.0	268.	07.15	57.4	61.7	48.2
221.	03.20	41.9	44.6	41.1	245.	05.20	42.7	49.0	41.3	269.	07.20	60.4	62.1	59.8
222.	03.25	42.1	44.8	41.3	246.	05.25	42.1	48.7	41.1	270.	07.25	59.9	61.0	59.4
223.	03.30	42.0	43.7	41.2	247.	05.30	42.8	55.7	41.5	271.	07.30	59.9	60.9	59.3
224.	03.35	42.3	52.0	41.5	248.	05.35	42.6	52.4	41.7	272.	07.35	59.9	60.8	59.4
225.	03.40	42.0	44.0	41.3	249.	05.40	42.0	49.8	41.1	273.	07.40	59.8	61.3	59.3
226.	03.45	41.8	47.7	41.0	250.	05.45	41.8	47.0	41.0	274.	07.45	59.8	65.6	59.2
227.	03.50	42.0	50.8	41.1	251.	05.50	41.8	46.3	41.1	275.	07.50	60.0	64.4	59.3
228.	03.55	42.3	46.0	41.4	252.	05.55	42.2	46.1	41.4	276.	07.55	60.3	65.4	59.6
229.	04.00	42.0	44.0	41.2	253.	06.00	42.1	44.3	41.3	277.	08.00	60.3	65.3	59.6
230.	04.05	42.5	47.6	41.4	254.	06.05	42.5	46.8	41.6	278.	08.05	60.3	63.5	59.6
231.	04.10	42.7	52.1	41.6	255.	06.10	43.3	47.9	42.1	279.	08.10	60.3	64.6	59.6
232.	04.15	42.1	46.1	41.3	256.	06.15	43.2	48.4	42.4	280.	08.15	60.3	63.4	59.6
233.	04.20	42.5	50.7	41.3	257.	06.20	43.3	49.0	42.5	281.	08.20	60.2	63.1	59.6
234.	04.25	41.9	46.2	41.1	258.	06.25	42.8	45.3	42.1	282.	08.25	60.2	63.1	59.5
235.	04.30	42.1	47.8	41.0	259.	06.30	43.1	53.0	42.1	283.	08.30	60.1	62.8	59.5
236.	04.35	42.0	46.1	41.1	260.	06.35	42.8	54.1	42.0	284.	08.35	60.1	63.6	59.5
237.	04.40	42.4	50.2	41.5	261.	06.40	42.6	47.0	41.9	285.	08.40	60.1	63.0	59.5
238.	04.45	42.6	46.2	41.6	262.	06.45	42.8	51.4	42.0	286.	08.45	60.0	63.2	59.4
239.	04.50	42.3	49.4	41.4	263.	06.50	42.8	49.2	42.0	287.	08.50	59.7	60.7	59.2
240.	04.55	41.8	50.8	40.8	264.	06.55	42.8	45.2	41.9	288.	08.55	59.7	60.8	59.2



General Manager



# Thai Environmental Technic Limited

## บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ไทยเมทัลโปรดิวส์ จำกัด/TMP  
 Project : โครงการผลิตขวดทองแดงส่วนขยาย ครั้งที่ 1  
 Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม  
 อำเภอบางปะกง จังหวัดฉะเชิงเทรา 24130  
 Contact : Tel. (038)-573 231-5  
 Job No. : S660063/Oct/1

Report No. : 3454/2023/7-7  
 Report Date : November 14, 2023  
 Sampling Date : October 27-November 3, 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))		
		02-03/11/23					02-03/11/23					02-03/11/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
1.	09.00	59.8	61.2	59.3	37.	12.00	54.3	67.7	48.9	73.	15.00	52.3	55.2	51.2
2.	09.05	59.7	60.8	59.2	38.	12.05	57.7	73.5	51.0	74.	15.05	55.1	58.1	51.2
3.	09.10	60.1	62.4	59.4	39.	12.10	52.6	61.9	49.0	75.	15.10	57.2	63.0	51.0
4.	09.15	60.2	64.3	59.5	40.	12.15	52.8	62.6	48.9	76.	15.15	58.5	64.2	48.7
5.	09.20	61.1	64.4	60.5	41.	12.20	52.9	60.4	50.1	77.	15.20	59.3	60.9	58.7
6.	09.25	61.0	62.8	60.5	42.	12.25	52.7	58.0	50.3	78.	15.25	49.6	54.6	48.7
7.	09.30	60.9	62.1	60.4	43.	12.30	53.0	60.1	50.3	79.	15.30	49.6	59.4	48.7
8.	09.35	60.9	64.3	60.4	44.	12.35	53.8	61.8	50.5	80.	15.35	49.5	57.5	48.7
9.	09.40	60.8	62.7	60.3	45.	12.40	54.2	66.5	50.0	81.	15.40	49.4	58.8	48.6
10.	09.45	60.8	63.6	60.3	46.	12.45	56.6	77.4	48.6	82.	15.45	49.3	53.8	48.7
11.	09.50	60.9	68.2	60.3	47.	12.50	52.9	63.0	49.5	83.	15.50	49.5	54.2	48.8
12.	09.55	60.0	64.6	53.3	48.	12.55	57.9	78.6	50.7	84.	15.55	49.6	62.3	48.3
13.	10.00	60.9	64.4	56.3	49.	13.00	53.5	66.0	49.2	85.	16.00	49.1	56.9	48.4
14.	10.05	65.5	71.4	60.1	50.	13.05	53.1	63.0	49.3	86.	16.05	49.3	57.6	48.3
15.	10.10	62.1	64.4	60.1	51.	13.10	56.1	76.0	48.5	87.	16.10	49.2	54.1	48.3
16.	10.15	59.3	63.2	55.7	52.	13.15	51.9	59.2	49.2	88.	16.15	49.5	53.5	48.8
17.	10.20	62.4	66.4	56.2	53.	13.20	51.8	57.3	50.1	89.	16.20	49.6	54.4	48.8
18.	10.25	61.2	64.3	58.2	54.	13.25	51.7	56.8	50.3	90.	16.25	49.6	54.4	48.5
19.	10.30	57.1	60.6	53.2	55.	13.30	57.1	79.2	50.6	91.	16.30	53.0	59.5	51.8
20.	10.35	54.8	58.8	52.3	56.	13.35	52.3	59.6	50.7	92.	16.35	54.0	68.6	52.5
21.	10.40	56.8	59.9	53.4	57.	13.40	53.2	57.2	52.1	93.	16.40	53.1	62.2	52.3
22.	10.45	56.9	59.8	53.5	58.	13.45	56.5	68.5	53.0	94.	16.45	53.3	62.6	52.5
23.	10.50	54.4	59.4	52.5	59.	13.50	55.4	59.2	54.2	95.	16.50	53.7	63.4	52.8
24.	10.55	53.7	59.0	52.3	60.	13.55	57.1	70.2	54.1	96.	16.55	53.9	56.7	53.3
25.	11.00	55.1	59.5	52.4	61.	14.00	55.9	60.6	53.2	97.	17.00	54.0	56.1	53.4
26.	11.05	62.2	66.0	55.0	62.	14.05	57.0	62.2	54.5	98.	17.05	53.7	55.9	53.0
27.	11.10	60.9	65.1	55.3	63.	14.10	58.4	62.4	56.5	99.	17.10	53.7	62.4	52.9
28.	11.15	52.6	59.5	49.5	64.	14.15	56.4	61.2	55.1	100.	17.15	53.9	67.5	52.8
29.	11.20	54.4	64.5	50.1	65.	14.20	54.4	61.5	53.0	101.	17.20	53.2	56.7	52.6
30.	11.25	55.4	71.4	50.4	66.	14.25	54.1	58.8	52.6	102.	17.25	53.4	60.4	52.6
31.	11.30	54.1	63.8	50.6	67.	14.30	57.5	61.9	55.1	103.	17.30	53.3	60.0	52.7
32.	11.35	55.7	69.9	50.1	68.	14.35	56.3	59.0	55.3	104.	17.35	54.0	66.2	53.0
33.	11.40	53.9	65.1	50.4	69.	14.40	54.9	58.8	54.0	105.	17.40	55.0	69.2	53.5
34.	11.45	52.1	63.5	49.4	70.	14.45	54.2	61.5	52.8	106.	17.45	54.6	57.6	53.5
35.	11.50	53.1	58.7	49.6	71.	14.50	52.8	59.5	51.0	107.	17.50	54.6	56.9	53.6
36.	11.55	53.4	61.7	50.5	72.	14.55	52.0	60.1	50.9	108.	17.55	54.4	56.7	53.4



**TET**

**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))		
		02-03/11/23					02-03/11/23					02-03/11/23		
		Leq	Lmax	L90			Leq	Lmax	L90			Leq	Lmax	L90
109.	18.00	54.5	61.6	53.3	145.	21.00	45.8	57.4	43.7	181.	00.00	45.5	48.0	44.9
110.	18.05	53.8	55.5	53.1	146.	21.05	46.0	61.2	44.8	182.	00.05	45.6	52.0	44.9
111.	18.10	53.7	59.8	53.0	147.	21.10	46.4	63.2	44.6	183.	00.10	45.3	47.5	44.7
112.	18.15	53.9	60.8	53.1	148.	21.15	45.7	49.3	44.1	184.	00.15	45.6	49.9	44.9
113.	18.20	53.5	55.6	52.9	149.	21.20	46.8	49.7	46.1	185.	00.20	45.7	54.7	44.8
114.	18.25	53.8	55.7	53.2	150.	21.25	46.7	51.9	46.0	186.	00.25	46.1	54.8	44.9
115.	18.30	53.6	56.4	53.0	151.	21.30	45.9	56.9	45.0	187.	00.30	45.5	47.3	44.9
116.	18.35	53.7	56.3	53.0	152.	21.35	45.9	60.9	44.8	188.	00.35	47.1	55.7	44.8
117.	18.40	54.9	59.1	53.7	153.	21.40	45.9	49.0	45.2	189.	00.40	46.2	52.2	45.2
118.	18.45	54.6	61.0	53.5	154.	21.45	46.8	53.4	45.3	190.	00.45	45.7	48.0	44.9
119.	18.50	54.9	58.1	53.5	155.	21.50	46.2	53.3	45.3	191.	00.50	45.7	51.5	44.9
120.	18.55	54.5	56.6	53.5	156.	21.55	46.1	57.2	45.3	192.	00.55	46.0	50.6	45.2
121.	19.00	54.7	56.7	53.6	157.	22.00	45.3	50.4	44.4	193.	01.00	46.0	53.6	45.1
122.	19.05	54.2	56.3	53.0	158.	22.05	45.6	49.3	43.9	194.	01.05	46.1	52.2	45.2
123.	19.10	54.4	56.7	53.0	159.	22.10	45.8	49.9	44.5	195.	01.10	46.2	56.9	45.3
124.	19.15	53.9	55.8	53.0	160.	22.15	44.8	51.8	43.8	196.	01.15	45.8	49.8	44.5
125.	19.20	53.6	55.9	52.8	161.	22.20	44.7	53.6	43.8	197.	01.20	45.7	50.5	44.8
126.	19.25	53.7	59.4	52.8	162.	22.25	44.8	49.9	44.0	198.	01.25	45.3	51.2	44.3
127.	19.30	53.7	55.7	52.9	163.	22.30	45.6	55.1	44.6	199.	01.30	44.9	48.6	44.0
128.	19.35	53.6	56.6	52.5	164.	22.35	45.8	49.2	45.1	200.	01.35	44.5	46.7	43.7
129.	19.40	49.1	59.0	47.6	165.	22.40	44.4	48.7	43.4	201.	01.40	44.6	48.3	43.7
130.	19.45	48.4	53.4	47.5	166.	22.45	44.3	53.9	43.4	202.	01.45	44.3	48.7	43.4
131.	19.50	48.6	62.0	47.3	167.	22.50	44.2	48.7	43.4	203.	01.50	44.4	50.5	43.6
132.	19.55	48.1	55.0	47.4	168.	22.55	45.4	63.0	44.1	204.	01.55	44.2	46.8	43.4
133.	20.00	48.3	52.4	47.5	169.	23.00	44.7	49.7	43.7	205.	02.00	44.2	50.3	43.3
134.	20.05	45.8	58.9	44.4	170.	23.05	44.8	52.8	44.0	206.	02.05	43.9	51.7	43.1
135.	20.10	47.7	61.3	44.2	171.	23.10	45.0	50.9	44.2	207.	02.10	44.4	53.8	43.3
136.	20.15	49.6	63.0	44.0	172.	23.15	47.1	56.7	44.3	208.	02.15	44.0	46.5	43.3
137.	20.20	46.6	63.3	43.8	173.	23.20	45.3	49.4	44.4	209.	02.20	44.5	54.8	43.3
138.	20.25	44.8	56.6	43.9	174.	23.25	45.2	62.6	44.1	210.	02.25	44.1	47.5	43.4
139.	20.30	45.0	50.4	43.9	175.	23.30	44.7	48.5	43.9	211.	02.30	45.0	50.1	43.9
140.	20.35	45.4	51.4	44.3	176.	23.35	44.6	52.8	43.8	212.	02.35	45.5	48.3	44.7
141.	20.40	47.3	67.7	44.3	177.	23.40	44.9	47.4	44.1	213.	02.40	45.4	52.1	44.1
142.	20.45	47.1	56.2	46.3	178.	23.45	45.6	50.8	44.8	214.	02.45	44.7	48.3	43.6
143.	20.50	45.6	55.9	44.1	179.	23.50	45.6	47.8	44.8	215.	02.50	44.7	53.7	43.6
144.	20.55	45.1	48.3	43.8	180.	23.55	47.2	62.8	44.9	216.	02.55	44.2	50.8	43.3



Thai Environmental Technic Limited  
บริษัท เทคโนโลยีสิ่งแวดล้อมไทย 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))		
		02-03/11/23					02-03/11/23					02-03/11/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
217.	03.00	44.0	47.7	43.3	241.	05.00	43.9	47.5	42.9	265.	07.00	44.5	50.9	43.1
218.	03.05	44.1	48.0	43.2	242.	05.05	43.6	50.7	42.7	266.	07.05	45.6	57.7	43.5
219.	03.10	43.9	45.8	43.1	243.	05.10	43.1	52.1	42.1	267.	07.10	47.1	68.1	43.4
220.	03.15	43.9	48.3	43.1	244.	05.15	43.5	48.7	42.5	268.	07.15	44.9	61.7	43.3
221.	03.20	44.5	47.9	43.5	245.	05.20	43.4	50.3	42.5	269.	07.20	49.8	67.7	42.8
222.	03.25	44.3	48.8	43.5	246.	05.25	44.6	50.9	42.5	270.	07.25	45.3	55.5	42.8
223.	03.30	43.3	47.0	42.3	247.	05.30	44.8	49.9	43.3	271.	07.30	44.0	59.3	42.1
224.	03.35	43.2	45.9	42.4	248.	05.35	44.0	50.3	42.6	272.	07.35	43.8	55.8	42.3
225.	03.40	43.4	46.1	42.6	249.	05.40	43.4	50.0	42.4	273.	07.40	43.3	46.2	42.5
226.	03.45	43.3	45.0	42.5	250.	05.45	44.1	57.0	42.8	274.	07.45	44.8	55.4	43.3
227.	03.50	43.6	53.3	42.8	251.	05.50	43.9	53.7	43.0	275.	07.50	48.0	59.5	43.5
228.	03.55	43.3	45.3	42.6	252.	05.55	43.3	51.1	42.4	276.	07.55	49.0	58.1	46.3
229.	04.00	43.1	49.0	42.3	253.	06.00	43.1	48.3	42.3	277.	08.00	51.3	63.2	49.4
230.	04.05	43.3	52.1	42.4	254.	06.05	43.1	47.6	42.4	278.	08.05	50.2	54.3	49.5
231.	04.10	43.6	47.3	42.7	255.	06.10	43.5	47.4	42.7	279.	08.10	50.2	53.3	49.4
232.	04.15	43.3	45.3	42.5	256.	06.15	43.4	45.6	42.6	280.	08.15	58.7	63.0	49.5
233.	04.20	43.8	48.9	42.7	257.	06.20	43.8	48.1	42.9	281.	08.20	52.5	62.5	51.6
234.	04.25	44.0	53.4	42.9	258.	06.25	44.6	49.2	43.4	282.	08.25	52.3	56.1	51.4
235.	04.30	43.4	47.4	42.6	259.	06.30	44.5	49.7	43.7	283.	08.30	51.7	58.4	50.9
236.	04.35	43.8	52.0	42.6	260.	06.35	44.6	50.3	43.8	284.	08.35	57.2	62.8	50.9
237.	04.40	43.2	47.5	42.4	261.	06.40	44.1	55.7	43.1	285.	08.40	61.2	63.1	60.6
238.	04.45	43.4	49.1	42.3	262.	06.45	44.6	57.0	43.1	286.	08.45	61.1	62.4	60.6
239.	04.50	43.3	47.4	42.4	263.	06.50	44.1	54.1	43.0	287.	08.50	61.1	64.1	60.4
240.	04.55	43.7	51.5	42.8	264.	06.55	43.7	55.4	42.6	288.	08.55	61.0	62.3	60.4



General Manager





# Thai Environmental Technic Limited

## บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP  
 Project : โครงการผลิตขวดทองแดงส่วนขยาย ครั้งที่ 1  
 Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม  
 อำเภอบางปะกง จังหวัดฉะเชิงเทรา 24130  
 Contact : Tel. (038)-573 231-5  
 Job No. : S660063/Oct/1

Report No. : 3454/2023/1-7  
 Report Date : November 14, 2023  
 Sampling Date : October 27-November 3, 2023  
 Type of Sample : Sound Level

(1/1-3)

ริมรั้วห้องข้างตึก 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))		
		27-28/10/23					27-28/10/23					27-28/10/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
1.	09.00	67.2	90.1	62.8	37.	12.00	63.4	76.7	61.7	73.	15.00	64.2	67.1	63.7
2.	09.05	65.9	81.1	62.1	38.	12.05	63.0	74.0	62.0	74.	15.05	66.9	76.6	63.9
3.	09.10	63.8	74.3	62.0	39.	12.10	62.7	77.2	61.8	75.	15.10	65.4	77.7	64.1
4.	09.15	64.7	76.5	62.1	40.	12.15	65.0	74.0	63.5	76.	15.15	64.5	68.7	63.9
5.	09.20	63.7	82.3	61.2	41.	12.20	63.9	66.0	63.4	77.	15.20	64.7	74.3	63.7
6.	09.25	62.7	75.0	61.1	42.	12.25	64.0	68.5	63.5	78.	15.25	65.7	79.6	64.1
7.	09.30	63.1	76.7	61.4	43.	12.30	64.5	72.6	63.5	79.	15.30	65.5	75.6	64.3
8.	09.35	66.6	81.8	62.5	44.	12.35	66.2	72.5	64.3	80.	15.35	65.7	85.2	64.1
9.	09.40	63.4	73.9	61.4	45.	12.40	64.6	72.3	63.6	81.	15.40	65.4	79.4	63.9
10.	09.45	63.6	72.0	61.8	46.	12.45	64.8	75.5	63.7	82.	15.45	64.9	74.9	63.7
11.	09.50	66.5	85.7	63.9	47.	12.50	67.3	74.1	64.5	83.	15.50	64.3	73.8	63.4
12.	09.55	67.7	90.4	64.2	48.	12.55	67.8	75.7	67.4	84.	15.55	64.6	72.7	63.6
13.	10.00	67.0	89.5	64.0	49.	13.00	66.6	73.9	64.1	85.	16.00	64.0	72.8	63.3
14.	10.05	68.1	88.9	63.5	50.	13.05	64.4	68.2	63.9	86.	16.05	65.0	75.6	63.3
15.	10.10	66.7	85.8	63.5	51.	13.10	65.3	77.4	64.0	87.	16.10	64.5	73.8	63.3
16.	10.15	67.5	84.6	63.7	52.	13.15	65.3	73.3	64.2	88.	16.15	63.8	72.6	63.3
17.	10.20	67.6	94.7	64.3	53.	13.20	65.7	76.8	64.2	89.	16.20	64.1	67.6	63.6
18.	10.25	67.5	82.0	64.0	54.	13.25	65.8	73.4	64.6	90.	16.25	65.8	85.2	63.8
19.	10.30	67.1	89.9	50.9	55.	13.30	64.9	66.3	64.4	91.	16.30	64.2	71.7	63.6
20.	10.35	67.4	85.5	63.8	56.	13.35	65.7	73.2	64.7	92.	16.35	65.4	79.7	63.9
21.	10.40	67.6	88.3	63.7	57.	13.40	67.3	77.3	65.4	93.	16.40	65.0	74.4	63.7
22.	10.45	68.0	88.6	64.1	58.	13.45	66.9	74.9	65.9	94.	16.45	65.0	78.6	63.4
23.	10.50	67.0	83.2	63.6	59.	13.50	67.6	76.2	65.5	95.	16.50	65.1	83.4	63.4
24.	10.55	67.0	86.9	63.2	60.	13.55	66.6	75.8	65.2	96.	16.55	63.8	67.0	63.3
25.	11.00	66.9	88.3	62.9	61.	14.00	66.8	80.0	65.4	97.	17.00	64.0	74.7	61.9
26.	11.05	63.4	66.1	62.8	62.	14.05	67.4	98.0	65.3	98.	17.05	64.7	72.9	61.8
27.	11.10	63.9	78.4	63.1	63.	14.10	67.6	97.9	65.3	99.	17.10	62.2	69.8	61.6
28.	11.15	65.4	80.7	63.1	64.	14.15	66.2	74.9	64.9	100.	17.15	62.5	69.6	61.8
29.	11.20	65.5	75.7	63.8	65.	14.20	65.2	70.8	64.6	101.	17.20	62.6	73.7	61.7
30.	11.25	66.0	76.4	64.3	66.	14.25	65.5	73.4	64.3	102.	17.25	63.2	75.5	61.8
31.	11.30	67.2	74.9	64.8	67.	14.30	65.2	71.6	64.3	103.	17.30	62.8	70.6	62.0
32.	11.35	66.5	71.0	63.8	68.	14.35	65.7	74.8	63.9	104.	17.35	62.9	67.1	62.2
33.	11.40	62.6	71.9	61.6	69.	14.40	64.6	79.1	63.7	105.	17.40	63.6	67.9	62.9
34.	11.45	63.3	73.5	61.8	70.	14.45	64.9	78.4	63.7	106.	17.45	65.0	83.1	63.1
35.	11.50	63.3	72.7	61.9	71.	14.50	64.2	70.3	63.7	107.	17.50	66.2	76.9	63.5
36.	11.55	62.5	69.3	61.5	72.	14.55	64.0	67.4	63.5	108.	17.55	66.8	76.3	64.7



Thai Environmental Technic Limited  
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(1/2-3)

ริมรั้วห้องข้างตึก 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))		
		27-28/10/23					27-28/10/23					27-28/10/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
109.	18.00	66.5	80.2	64.2	145.	21.00	62.9	72.8	61.3	181.	00.00	63.4	75.5	62.3
110.	18.05	66.1	74.0	64.8	146.	21.05	61.8	64.0	61.2	182.	00.05	63.7	74.5	62.7
111.	18.10	67.3	84.2	65.6	147.	21.10	62.9	66.4	62.0	183.	00.10	63.1	68.8	62.6
112.	18.15	66.7	86.3	64.9	148.	21.15	63.0	68.4	62.1	184.	00.15	63.5	71.6	62.5
113.	18.20	67.3	87.1	64.5	149.	21.20	63.7	72.1	62.0	185.	00.20	63.0	69.8	62.5
114.	18.25	68.4	83.6	64.0	150.	21.25	62.5	63.4	62.0	186.	00.25	63.3	68.6	62.4
115.	18.30	67.3	82.5	64.1	151.	21.30	63.1	73.3	62.1	187.	00.30	64.0	70.3	63.1
116.	18.35	65.8	76.1	64.5	152.	21.35	63.2	68.0	62.1	188.	00.35	64.8	76.4	63.3
117.	18.40	65.3	73.0	64.3	153.	21.40	62.6	66.5	62.0	189.	00.40	63.7	68.9	62.0
118.	18.45	67.9	81.7	65.4	154.	21.45	62.7	70.9	62.0	190.	00.45	62.5	70.5	61.9
119.	18.50	67.3	83.3	65.1	155.	21.50	62.7	69.7	61.9	191.	00.50	63.2	72.7	62.1
120.	18.55	67.4	96.7	66.1	156.	21.55	62.7	68.7	61.9	192.	00.55	64.5	74.8	62.7
121.	19.00	67.5	92.4	52.6	157.	22.00	62.6	67.3	62.0	193.	01.00	64.5	70.1	62.8
122.	19.05	67.4	84.8	65.0	158.	22.05	62.6	68.2	61.8	194.	01.05	65.2	71.3	63.5
123.	19.10	65.1	73.4	63.6	159.	22.10	63.7	69.8	62.5	195.	01.10	65.8	73.9	63.6
124.	19.15	65.2	80.8	63.5	160.	22.15	63.9	71.1	62.1	196.	01.15	66.5	73.5	64.0
125.	19.20	64.1	76.6	63.2	161.	22.20	62.5	67.0	61.8	197.	01.20	64.0	69.3	63.4
126.	19.25	64.0	73.9	63.0	162.	22.25	62.7	68.5	62.0	198.	01.25	65.2	74.7	63.8
127.	19.30	69.4	88.0	65.3	163.	22.30	63.7	70.1	62.3	199.	01.30	65.5	71.9	64.2
128.	19.35	65.8	83.3	64.1	164.	22.35	63.8	74.9	62.4	200.	01.35	64.5	68.3	63.5
129.	19.40	64.2	74.1	62.8	165.	22.40	65.7	72.7	63.6	201.	01.40	63.7	66.3	62.8
130.	19.45	63.0	63.9	62.5	166.	22.45	63.9	71.8	63.0	202.	01.45	63.6	70.8	62.8
131.	19.50	63.1	64.1	62.6	167.	22.50	63.5	70.1	62.6	203.	01.50	64.5	69.3	63.0
132.	19.55	64.1	72.3	62.8	168.	22.55	63.2	68.7	62.3	204.	01.55	66.8	76.7	63.4
133.	20.00	62.8	71.7	61.9	169.	23.00	63.7	71.4	62.8	205.	02.00	67.3	75.1	63.4
134.	20.05	62.8	71.8	61.9	170.	23.05	64.0	70.9	62.9	206.	02.05	64.8	73.7	63.1
135.	20.10	63.3	71.5	62.1	171.	23.10	63.8	71.5	62.6	207.	02.10	63.8	68.6	62.9
136.	20.15	64.1	70.2	62.8	172.	23.15	62.7	70.9	62.2	208.	02.15	64.1	66.1	63.4
137.	20.20	63.1	69.2	62.6	173.	23.20	63.0	76.4	61.9	209.	02.20	64.2	70.0	63.2
138.	20.25	63.6	68.7	62.8	174.	23.25	63.2	71.3	62.1	210.	02.25	63.2	68.6	62.3
139.	20.30	64.2	70.9	63.2	175.	23.30	64.0	69.1	62.4	211.	02.30	63.1	72.4	62.0
140.	20.35	63.9	69.7	63.2	176.	23.35	65.7	71.9	63.7	212.	02.35	69.0	75.3	62.5
141.	20.40	63.9	72.6	62.8	177.	23.40	64.2	71.9	62.8	213.	02.40	64.7	70.6	62.7
142.	20.45	63.6	74.3	62.4	178.	23.45	64.2	74.1	62.6	214.	02.45	62.4	70.0	61.8
143.	20.50	63.1	68.4	62.4	179.	23.50	64.6	76.9	62.6	215.	02.50	63.5	72.8	62.2
144.	20.55	62.6	69.4	61.2	180.	23.55	63.7	69.4	62.6	216.	02.55	67.2	73.7	62.7





Thai Environmental Technic Limited  
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(1/3-3)

ริมรั้วห้องข้างตางค์ 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))		
		27-28/10/23					27-28/10/23					27-28/10/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
217.	03.00	69.2	74.1	64.7	241.	05.00	62.6	70.3	61.9	265.	07.00	70.4	90.5	64.1
218.	03.05	63.5	70.0	62.7	242.	05.05	62.6	70.5	62.0	266.	07.05	69.4	89.5	64.4
219.	03.10	63.8	73.0	62.7	243.	05.10	63.1	68.8	62.2	267.	07.10	70.2	92.0	64.2
220.	03.15	63.1	70.5	62.3	244.	05.15	62.5	66.6	62.0	268.	07.15	69.8	89.2	63.7
221.	03.20	63.0	72.2	62.2	245.	05.20	62.7	63.8	62.2	269.	07.20	71.0	90.5	63.4
222.	03.25	63.3	69.7	62.5	246.	05.25	62.8	64.1	62.3	270.	07.25	70.7	90.9	63.6
223.	03.30	63.1	68.3	62.3	247.	05.30	63.4	70.0	62.4	271.	07.30	70.7	87.7	63.8
224.	03.35	62.9	68.2	62.2	248.	05.35	63.0	68.1	62.4	272.	07.35	65.6	77.6	64.8
225.	03.40	62.5	63.6	62.0	249.	05.40	64.8	80.7	63.2	273.	07.40	67.4	81.9	64.9
226.	03.45	62.5	68.3	62.0	250.	05.45	64.2	71.3	62.8	274.	07.45	68.9	88.7	62.5
227.	03.50	63.0	65.5	62.3	251.	05.50	62.9	65.7	62.4	275.	07.50	67.1	86.4	52.3
228.	03.55	62.9	65.4	62.4	252.	05.55	63.4	76.9	62.3	276.	07.55	67.3	78.5	65.4
229.	04.00	63.2	64.2	62.7	253.	06.00	63.1	72.5	62.2	277.	08.00	66.2	73.5	65.3
230.	04.05	64.1	73.0	63.2	254.	06.05	63.7	75.1	62.4	278.	08.05	66.2	89.1	62.8
231.	04.10	68.2	74.0	63.9	255.	06.10	62.9	70.4	62.4	279.	08.10	65.9	72.7	63.4
232.	04.15	63.3	72.0	62.6	256.	06.15	63.3	68.7	62.5	280.	08.15	64.8	79.5	63.1
233.	04.20	63.2	70.7	62.2	257.	06.20	65.2	70.3	63.3	281.	08.20	64.1	68.4	62.8
234.	04.25	62.8	70.4	62.1	258.	06.25	66.3	75.8	63.5	282.	08.25	65.4	73.6	64.8
235.	04.30	63.2	73.4	62.0	259.	06.30	66.0	80.9	63.5	283.	08.30	65.3	75.5	64.6
236.	04.35	63.0	75.1	62.0	260.	06.35	63.6	65.9	62.9	284.	08.35	65.5	74.5	64.6
237.	04.40	62.8	64.4	62.4	261.	06.40	65.2	84.0	61.6	285.	08.40	65.4	71.8	64.8
238.	04.45	63.3	75.7	62.2	262.	06.45	62.7	75.0	61.3	286.	08.45	67.3	82.9	65.3
239.	04.50	63.3	73.0	62.1	263.	06.50	65.1	83.0	64.1	287.	08.50	66.2	77.6	65.2
240.	04.55	63.0	71.8	62.0	264.	06.55	70.6	91.2	64.8	288.	08.55	66.4	77.0	65.2



General Manager

**TET**

# Thai Environmental Technic Limited

## บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP  
 Project : โครงการผลิตขวดทองแดงส่วนขยาย ครั้งที่ 1  
 Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม  
 อำเภอบางปะกง จังหวัดฉะเชิงเทรา 24130  
 Contact : Tel. (038)-573 231-5  
 Job No. : S660063/Oct/1

Report No. : 3454/2023/2-7  
 Report Date : November 14, 2023  
 Sampling Date : October 27-November 3, 2023  
 Type of Sample : Sound Level

(2/1-3)

ริมรั้วห้องข้างตึก 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))		
		28-29/10/23					28-29/10/23					28-29/10/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
1.	09.00	65.7	67.9	65.3	37.	12.00	65.5	79.1	64.4	73.	15.00	69.7	83.9	64.6
2.	09.05	64.5	76.0	63.3	38.	12.05	68.7	75.0	66.0	74.	15.05	69.9	86.6	67.9
3.	09.10	68.5	91.2	63.9	39.	12.10	67.9	74.1	64.8	75.	15.10	69.2	88.3	65.3
4.	09.15	70.5	91.9	65.2	40.	12.15	65.2	67.5	64.5	76.	15.15	69.2	95.7	65.8
5.	09.20	69.9	91.1	63.9	41.	12.20	65.1	71.0	64.2	77.	15.20	68.8	92.3	63.6
6.	09.25	68.0	87.9	65.0	42.	12.25	64.8	77.9	64.0	78.	15.25	70.5	94.1	65.0
7.	09.30	71.0	90.9	65.0	43.	12.30	66.2	76.6	64.6	79.	15.30	70.6	94.2	65.6
8.	09.35	70.8	90.1	65.4	44.	12.35	66.6	73.1	65.0	80.	15.35	68.4	91.6	64.9
9.	09.40	66.3	75.3	65.2	45.	12.40	67.8	89.0	64.3	81.	15.40	69.7	90.0	64.1
10.	09.45	67.3	80.3	65.2	46.	12.45	65.3	69.7	64.8	82.	15.45	70.8	91.4	65.2
11.	09.50	66.8	77.1	65.3	47.	12.50	65.1	69.5	64.7	83.	15.50	69.6	90.8	64.7
12.	09.55	66.5	78.4	65.3	48.	12.55	66.3	76.1	64.8	84.	15.55	70.0	90.0	65.4
13.	10.00	66.5	77.7	65.5	49.	13.00	65.2	74.9	64.7	85.	16.00	71.1	92.8	65.3
14.	10.05	66.5	73.7	65.6	50.	13.05	65.0	68.3	64.6	86.	16.05	68.6	88.4	64.2
15.	10.10	68.6	91.8	65.3	51.	13.10	65.5	77.2	64.7	87.	16.10	70.3	88.6	64.7
16.	10.15	66.6	80.0	65.5	52.	13.15	68.5	92.3	64.8	88.	16.15	69.5	89.3	64.6
17.	10.20	66.7	74.0	65.7	53.	13.20	69.5	95.6	64.8	89.	16.20	64.7	73.5	63.6
18.	10.25	66.7	73.4	65.9	54.	13.25	70.7	90.4	65.8	90.	16.25	64.3	70.8	63.7
19.	10.30	66.2	72.8	65.7	55.	13.30	70.6	92.9	66.5	91.	16.30	64.5	71.0	63.6
20.	10.35	66.2	78.3	65.6	56.	13.35	67.1	81.4	64.3	92.	16.35	63.8	70.3	63.3
21.	10.40	67.4	84.5	65.1	57.	13.40	69.4	91.8	63.4	93.	16.40	63.8	73.0	63.2
22.	10.45	66.3	74.8	64.6	58.	13.45	69.6	90.1	63.7	94.	16.45	64.1	69.4	63.6
23.	10.50	65.1	77.1	64.3	59.	13.50	70.5	90.7	64.4	95.	16.50	64.8	76.0	63.9
24.	10.55	66.1	73.2	64.7	60.	13.55	68.9	88.4	63.5	96.	16.55	65.8	73.5	63.9
25.	11.00	65.4	73.8	64.7	61.	14.00	68.5	86.3	64.0	97.	17.00	64.7	83.4	63.6
26.	11.05	65.8	72.7	64.9	62.	14.05	68.7	88.1	63.8	98.	17.05	64.5	76.8	62.9
27.	11.10	65.2	69.8	64.5	63.	14.10	68.5	89.4	63.7	99.	17.10	64.1	73.9	62.9
28.	11.15	66.3	76.2	64.8	64.	14.15	69.0	88.2	65.0	100.	17.15	65.0	77.7	62.9
29.	11.20	68.1	85.3	65.3	65.	14.20	71.7	89.4	64.2	101.	17.20	64.5	84.0	62.5
30.	11.25	67.4	90.9	64.9	66.	14.25	69.5	89.2	64.7	102.	17.25	65.0	68.1	64.4
31.	11.30	66.7	86.0	65.0	67.	14.30	68.9	86.4	64.1	103.	17.30	66.8	91.9	63.3
32.	11.35	65.9	81.4	65.0	68.	14.35	68.6	87.2	63.9	104.	17.35	64.6	72.4	63.2
33.	11.40	65.9	67.3	65.3	69.	14.40	69.7	87.5	65.3	105.	17.40	67.1	75.8	66.2
34.	11.45	66.0	73.8	64.9	70.	14.45	66.2	80.1	64.2	106.	17.45	67.6	85.2	66.3
35.	11.50	66.0	77.5	64.5	71.	14.50	65.6	86.1	64.0	107.	17.50	67.2	75.6	66.2
36.	11.55	65.3	73.2	64.4	72.	14.55	65.5	83.7	64.2	108.	17.55	66.9	81.4	64.6





Thai Environmental Technic Limited  
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(2/2-3)

ริมรั้วห้องข้างตึก 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))		
		28-29/10/23					28-29/10/23					28-29/10/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
109.	18.00	65.7	84.1	62.6	145.	21.00	64.2	78.2	62.8	181.	00.00	64.6	75.8	62.8
110.	18.05	65.3	84.1	62.7	146.	21.05	64.7	78.2	63.2	182.	00.05	63.8	65.6	63.0
111.	18.10	65.7	78.8	64.4	147.	21.10	64.1	74.2	63.0	183.	00.10	63.9	65.1	63.4
112.	18.15	64.7	79.0	64.0	148.	21.15	63.8	65.5	63.3	184.	00.15	64.9	74.7	63.5
113.	18.20	65.2	79.9	64.0	149.	21.20	63.5	68.9	63.0	185.	00.20	65.0	74.5	64.1
114.	18.25	64.0	73.5	62.6	150.	21.25	63.9	66.6	63.0	186.	00.25	65.8	71.5	64.9
115.	18.30	65.7	74.3	63.0	151.	21.30	64.6	70.1	63.9	187.	00.30	65.1	68.6	63.2
116.	18.35	65.7	72.3	63.5	152.	21.35	65.3	67.0	64.6	188.	00.35	63.9	76.3	62.8
117.	18.40	63.6	71.7	61.6	153.	21.40	65.4	68.7	64.8	189.	00.40	63.6	71.8	62.4
118.	18.45	63.1	74.1	61.8	154.	21.45	64.9	73.2	63.9	190.	00.45	62.9	68.3	62.4
119.	18.50	63.5	73.5	61.8	155.	21.50	65.3	77.7	63.6	191.	00.50	63.5	76.0	62.4
120.	18.55	63.2	72.8	62.3	156.	21.55	65.0	78.5	63.3	192.	00.55	63.8	73.1	62.7
121.	19.00	63.8	72.2	62.7	157.	22.00	65.1	79.1	63.6	193.	01.00	64.0	69.2	63.0
122.	19.05	65.0	73.2	63.4	158.	22.05	64.3	75.1	63.2	194.	01.05	65.7	74.2	64.2
123.	19.10	63.3	71.4	62.6	159.	22.10	64.0	71.7	63.1	195.	01.10	65.6	72.1	64.0
124.	19.15	63.0	72.2	62.4	160.	22.15	65.4	79.5	63.6	196.	01.15	64.2	76.9	63.1
125.	19.20	62.9	67.7	62.4	161.	22.20	65.1	69.8	64.1	197.	01.20	65.1	76.2	63.5
126.	19.25	64.0	76.2	62.7	162.	22.25	64.7	69.2	63.9	198.	01.25	64.7	78.5	63.4
127.	19.30	64.0	81.6	62.8	163.	22.30	65.0	76.5	63.9	199.	01.30	64.0	72.0	63.0
128.	19.35	63.6	69.4	62.9	164.	22.35	65.3	77.2	63.9	200.	01.35	64.0	73.8	63.2
129.	19.40	63.7	72.0	62.4	165.	22.40	64.1	70.9	63.4	201.	01.40	64.2	73.4	62.9
130.	19.45	63.5	72.3	62.6	166.	22.45	66.7	79.0	64.0	202.	01.45	64.3	69.9	63.0
131.	19.50	62.9	64.6	62.3	167.	22.50	67.3	77.3	65.2	203.	01.50	67.1	80.4	63.2
132.	19.55	63.2	70.9	62.4	168.	22.55	64.6	70.0	63.7	204.	01.55	66.1	73.9	63.8
133.	20.00	68.4	75.7	65.1	169.	23.00	64.2	76.0	63.1	205.	02.00	65.9	82.3	63.2
134.	20.05	64.7	70.3	63.9	170.	23.05	63.9	69.5	63.2	206.	02.05	63.2	69.0	62.6
135.	20.10	64.4	73.3	63.4	171.	23.10	65.3	76.0	63.5	207.	02.10	63.0	67.4	62.5
136.	20.15	63.8	65.5	63.2	172.	23.15	65.1	74.6	63.9	208.	02.15	63.2	64.9	62.7
137.	20.20	64.8	70.5	64.1	173.	23.20	63.8	65.4	63.2	209.	02.20	64.7	67.0	63.7
138.	20.25	64.5	73.6	62.4	174.	23.25	64.3	73.5	63.2	210.	02.25	63.9	67.9	63.1
139.	20.30	63.3	73.2	62.0	175.	23.30	64.8	73.7	63.4	211.	02.30	66.5	72.9	63.6
140.	20.35	63.0	64.8	62.1	176.	23.35	62.8	72.6	61.7	212.	02.35	72.5	78.2	68.0
141.	20.40	63.5	72.1	62.8	177.	23.40	64.0	66.5	63.4	213.	02.40	67.3	75.1	64.9
142.	20.45	64.1	72.3	63.1	178.	23.45	63.5	68.7	62.7	214.	02.45	68.1	76.2	65.3
143.	20.50	63.8	71.6	63.1	179.	23.50	64.4	75.6	62.7	215.	02.50	68.2	79.8	65.7
144.	20.55	63.5	70.1	62.8	180.	23.55	64.8	81.8	62.7	216.	02.55	67.0	71.9	65.0



Thai Environmental Technic Limited  
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(2/3-3)

ริมรั้วห้องข้างคาง 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))		
		28-29/10/23					28-29/10/23					28-29/10/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
217.	03.00	64.8	66.9	64.2	241.	05.00	65.3	71.8	64.3	265.	07.00	68.5	75.9	65.4
218.	03.05	65.0	69.4	64.3	242.	05.05	65.5	68.7	64.6	266.	07.05	65.4	74.4	64.2
219.	03.10	64.0	67.6	63.2	243.	05.10	64.9	72.3	63.9	267.	07.10	65.7	77.4	64.2
220.	03.15	64.6	71.2	63.7	244.	05.15	65.0	72.2	64.1	268.	07.15	69.4	77.3	64.5
221.	03.20	66.3	73.9	64.7	245.	05.20	64.7	71.9	63.8	269.	07.20	63.8	68.8	63.2
222.	03.25	65.3	69.9	64.3	246.	05.25	64.0	67.6	63.5	270.	07.25	64.2	70.2	63.3
223.	03.30	66.7	73.4	64.6	247.	05.30	64.4	72.8	63.3	271.	07.30	65.4	76.3	64.0
224.	03.35	67.8	74.0	64.4	248.	05.35	64.2	74.9	63.1	272.	07.35	67.3	75.7	64.1
225.	03.40	64.3	75.7	63.4	249.	05.40	64.8	67.0	64.1	273.	07.40	64.5	75.5	63.6
226.	03.45	63.8	65.3	63.3	250.	05.45	66.9	72.8	64.4	274.	07.45	64.0	67.7	63.4
227.	03.50	64.3	65.6	63.7	251.	05.50	66.1	73.5	63.6	275.	07.50	63.9	68.4	63.2
228.	03.55	65.5	70.7	64.5	252.	05.55	64.3	75.9	62.8	276.	07.55	64.5	77.4	63.5
229.	04.00	68.2	73.5	65.7	253.	06.00	65.5	72.8	64.3	277.	08.00	64.1	70.1	63.2
230.	04.05	68.5	75.0	66.1	254.	06.05	64.8	70.2	63.7	278.	08.05	63.4	70.7	62.5
231.	04.10	66.5	72.9	64.6	255.	06.10	64.6	70.2	63.8	279.	08.10	63.0	73.4	62.2
232.	04.15	66.8	71.6	64.8	256.	06.15	65.3	74.8	63.5	280.	08.15	64.0	73.6	62.4
233.	04.20	66.0	73.3	64.8	257.	06.20	65.1	68.7	63.9	281.	08.20	63.4	67.8	62.6
234.	04.25	69.1	79.2	64.8	258.	06.25	65.8	77.3	64.4	282.	08.25	63.2	68.2	62.6
235.	04.30	69.4	76.0	64.0	259.	06.30	65.1	73.9	63.9	283.	08.30	64.6	79.2	62.6
236.	04.35	64.3	67.4	63.7	260.	06.35	64.3	70.7	63.7	284.	08.35	63.8	78.8	62.7
237.	04.40	64.0	65.5	63.5	261.	06.40	63.6	66.1	62.2	285.	08.40	62.7	64.9	62.3
238.	04.45	64.0	70.0	63.4	262.	06.45	63.7	67.2	62.0	286.	08.45	64.1	78.7	62.3
239.	04.50	64.8	68.2	63.8	263.	06.50	66.8	74.1	65.0	287.	08.50	63.8	71.4	62.8
240.	04.55	65.7	72.8	64.4	264.	06.55	68.3	75.1	65.5	288.	08.55	64.4	75.4	63.2



General Manager



**TET**

# Thai Environmental Technic Limited

## บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP  
 Project : โครงการผลิตขวดทองแดงส่วนขยาย ครั้งที่ 1  
 Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม  
 อำเภอบางปะกง จังหวัดฉะเชิงเทรา 24130  
 Contact : Tel. (038)-573 231-5  
 Job No. : S660063/Oct/1

Report No. : 3454/2023/3-7  
 Report Date : November 14, 2023  
 Sampling Date : October 27-November 3, 2023  
 Type of Sample : Sound Level

(3/1-3)

ริมรั้วห้องข้างตึก 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))		
		29-30/10/23					29-30/10/23					29-30/10/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
1.	09.00	64.0	73.1	63.0	37.	12.00	62.8	70.7	61.7	73.	15.00	64.0	77.7	62.7
2.	09.05	63.8	74.1	62.8	38.	12.05	62.2	64.4	61.5	74.	15.05	64.0	74.8	63.0
3.	09.10	63.3	72.4	62.4	39.	12.10	62.6	72.1	61.5	75.	15.10	66.9	74.4	64.1
4.	09.15	64.8	70.5	62.6	40.	12.15	62.2	78.6	61.3	76.	15.15	64.7	75.4	62.9
5.	09.20	63.7	83.3	61.8	41.	12.20	62.3	63.4	61.7	77.	15.20	63.8	71.6	62.8
6.	09.25	64.1	81.1	61.3	42.	12.25	63.5	69.8	62.1	78.	15.25	63.1	64.8	62.4
7.	09.30	63.3	83.9	61.2	43.	12.30	63.3	79.7	62.0	79.	15.30	62.9	63.9	62.5
8.	09.35	63.5	80.9	61.3	44.	12.35	62.3	66.2	61.8	80.	15.35	63.0	64.1	62.6
9.	09.40	63.2	81.2	61.2	45.	12.40	62.9	70.7	62.2	81.	15.40	63.5	74.3	62.6
10.	09.45	61.7	65.8	61.3	46.	12.45	63.8	69.7	62.7	82.	15.45	63.8	75.2	62.9
11.	09.50	62.0	67.3	61.4	47.	12.50	63.5	67.9	62.4	83.	15.50	63.9	76.5	63.0
12.	09.55	64.4	82.0	61.9	48.	12.55	63.4	70.9	62.5	84.	15.55	65.4	78.4	63.6
13.	10.00	62.8	74.8	61.8	49.	13.00	63.6	69.4	62.6	85.	16.00	64.9	78.3	63.2
14.	10.05	63.8	77.1	62.0	50.	13.05	64.8	71.2	63.6	86.	16.05	64.5	73.9	63.1
15.	10.10	62.6	66.3	62.0	51.	13.10	63.4	70.7	62.2	87.	16.10	63.8	73.9	62.8
16.	10.15	63.1	65.0	62.4	52.	13.15	66.1	73.8	62.3	88.	16.15	63.3	66.6	62.7
17.	10.20	63.5	65.8	62.9	53.	13.20	63.6	70.3	62.6	89.	16.20	63.0	64.2	62.5
18.	10.25	63.4	65.0	62.9	54.	13.25	64.4	71.8	62.8	90.	16.25	63.2	65.7	62.7
19.	10.30	64.7	79.0	62.7	55.	13.30	63.5	68.8	62.5	91.	16.30	63.2	64.4	62.7
20.	10.35	62.8	66.8	62.1	56.	13.35	63.3	64.6	62.7	92.	16.35	66.4	76.5	63.0
21.	10.40	62.4	63.6	61.9	57.	13.40	63.7	70.2	63.0	93.	16.40	64.9	74.8	63.3
22.	10.45	63.9	75.0	62.5	58.	13.45	64.6	70.1	63.2	94.	16.45	63.6	65.9	63.0
23.	10.50	63.5	75.8	62.1	59.	13.50	65.5	72.0	63.6	95.	16.50	63.4	64.5	62.9
24.	10.55	64.1	82.9	61.9	60.	13.55	64.3	71.3	63.1	96.	16.55	63.6	73.5	62.8
25.	11.00	62.8	72.9	61.8	61.	14.00	63.6	69.5	62.8	97.	17.00	64.0	75.1	62.9
26.	11.05	64.3	84.0	62.0	62.	14.05	63.1	71.5	62.0	98.	17.05	65.5	73.1	63.7
27.	11.10	65.1	83.2	62.5	63.	14.10	63.5	72.9	62.3	99.	17.10	67.2	73.5	65.2
28.	11.15	64.5	73.3	63.5	64.	14.15	63.2	70.3	62.5	100.	17.15	66.1	71.0	63.9
29.	11.20	63.6	65.6	63.0	65.	14.20	63.5	68.5	62.8	101.	17.20	63.2	65.9	62.6
30.	11.25	64.0	72.6	62.9	66.	14.25	65.7	70.0	64.0	102.	17.25	64.4	80.4	62.5
31.	11.30	62.7	67.0	62.2	67.	14.30	64.8	69.6	64.1	103.	17.30	63.3	71.5	62.5
32.	11.35	62.7	65.4	62.2	68.	14.35	64.7	76.1	63.8	104.	17.35	64.7	69.6	63.1
33.	11.40	63.4	69.7	62.4	69.	14.40	64.2	80.1	63.1	105.	17.40	66.3	71.7	64.1
34.	11.45	64.1	73.9	62.7	70.	14.45	63.2	66.7	62.7	106.	17.45	65.6	77.3	64.0
35.	11.50	63.6	69.9	62.6	71.	14.50	63.2	65.3	62.7	107.	17.50	68.0	75.3	64.4
36.	11.55	63.2	70.9	62.2	72.	14.55	63.4	66.3	62.8	108.	17.55	63.3	69.9	62.1



Thai Environmental Technic Limited  
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(3/2-3)

ริมรั้วห้องข้างตึก 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))		
		29-30/10/23					29-30/10/23					29-30/10/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
109.	18.00	62.5	68.9	61.8	145.	21.00	64.6	74.8	63.4	181.	00.00	62.4	63.8	62.0
110.	18.05	63.2	71.7	62.1	146.	21.05	64.0	66.9	63.4	182.	00.05	62.7	65.0	62.0
111.	18.10	62.3	65.4	61.8	147.	21.10	63.8	66.8	63.2	183.	00.10	63.1	65.2	62.2
112.	18.15	63.1	74.2	61.9	148.	21.15	63.6	64.7	63.1	184.	00.15	64.3	75.2	62.9
113.	18.20	64.5	74.4	62.5	149.	21.20	64.1	72.1	63.2	185.	00.20	64.9	76.4	62.9
114.	18.25	64.7	80.0	62.6	150.	21.25	64.2	78.9	62.9	186.	00.25	64.7	71.3	62.4
115.	18.30	63.0	73.6	61.6	151.	21.30	63.2	72.6	62.4	187.	00.30	64.9	71.1	62.8
116.	18.35	62.3	71.9	61.5	152.	21.35	63.5	73.0	62.6	188.	00.35	67.7	77.0	64.1
117.	18.40	61.8	64.2	61.3	153.	21.40	64.6	73.2	63.0	189.	00.40	67.7	75.9	64.7
118.	18.45	61.7	62.7	61.3	154.	21.45	64.4	73.8	62.8	190.	00.45	64.7	69.0	63.0
119.	18.50	62.2	65.4	61.7	155.	21.50	63.0	65.7	62.4	191.	00.50	64.2	76.5	62.1
120.	18.55	62.5	70.6	61.5	156.	21.55	63.3	76.3	62.2	192.	00.55	63.5	78.5	61.8
121.	19.00	62.6	70.9	61.5	157.	22.00	62.7	66.6	62.2	193.	01.00	62.7	66.4	62.0
122.	19.05	62.5	71.9	61.3	158.	22.05	62.7	74.0	61.9	194.	01.05	63.3	65.4	62.7
123.	19.10	62.4	71.0	61.4	159.	22.10	62.2	64.1	61.8	195.	01.10	63.5	75.7	62.5
124.	19.15	62.5	71.6	61.6	160.	22.15	62.3	66.7	61.9	196.	01.15	64.9	81.4	63.0
125.	19.20	63.0	74.7	61.6	161.	22.20	63.8	74.6	62.2	197.	01.20	66.3	73.7	63.5
126.	19.25	63.6	74.8	62.5	162.	22.25	65.1	75.5	63.3	198.	01.25	66.7	71.5	64.4
127.	19.30	63.9	72.3	62.7	163.	22.30	64.7	71.0	63.7	199.	01.30	65.4	75.2	63.1
128.	19.35	64.5	73.8	63.1	164.	22.35	63.9	76.2	63.0	200.	01.35	63.4	73.4	62.5
129.	19.40	63.9	75.3	62.5	165.	22.40	64.7	80.3	63.0	201.	01.40	64.6	81.5	62.8
130.	19.45	62.7	71.9	61.4	166.	22.45	65.0	87.3	63.4	202.	01.45	66.4	77.5	64.1
131.	19.50	61.9	65.8	61.3	167.	22.50	64.6	77.4	63.4	203.	01.50	70.4	77.7	65.1
132.	19.55	62.9	73.6	61.6	168.	22.55	63.3	64.5	62.7	204.	01.55	70.3	76.2	68.0
133.	20.00	63.1	66.4	62.6	169.	23.00	62.9	66.9	62.3	205.	02.00	68.0	74.1	65.8
134.	20.05	63.7	73.6	62.6	170.	23.05	62.8	64.2	62.3	206.	02.05	67.7	73.2	66.0
135.	20.10	62.6	63.4	62.1	171.	23.10	63.3	66.4	62.4	207.	02.10	68.8	73.6	66.7
136.	20.15	62.6	63.5	62.1	172.	23.15	64.0	74.5	62.8	208.	02.15	66.2	70.9	65.2
137.	20.20	62.5	66.0	62.1	173.	23.20	64.4	76.3	62.7	209.	02.20	65.7	80.5	64.6
138.	20.25	64.0	76.0	62.5	174.	23.25	64.2	77.1	62.6	210.	02.25	65.2	71.7	64.1
139.	20.30	65.3	75.8	63.9	175.	23.30	63.7	74.1	62.1	211.	02.30	64.4	65.9	63.8
140.	20.35	64.5	65.8	64.0	176.	23.35	64.8	81.6	62.2	212.	02.35	64.5	65.8	63.9
141.	20.40	65.5	70.4	64.1	177.	23.40	63.2	65.3	62.4	213.	02.40	64.5	67.5	63.8
142.	20.45	67.6	73.9	63.9	178.	23.45	63.6	76.1	62.2	214.	02.45	64.5	74.6	63.5
143.	20.50	64.1	74.9	63.2	179.	23.50	63.5	78.5	62.1	215.	02.50	64.0	70.8	63.4
144.	20.55	65.3	79.0	63.5	180.	23.55	62.5	63.5	62.1	216.	02.55	64.5	72.7	63.5

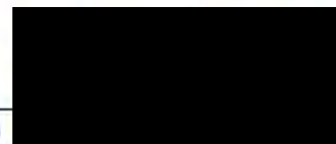


**TET**

**Thai Environmental Technic Limited**  
**บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด**

(3/3-3)

ริมรั้วห้องข้างคางข้าง 5 คัน														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		29-30/10/23					29-30/10/23					29-30/10/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
217.	03.00	64.8	70.5	63.8	241.	05.00	64.3	81.0	62.3	265.	07.00	63.2	76.1	61.0
218.	03.05	64.3	65.9	63.5	242.	05.05	63.3	72.9	62.3	266.	07.05	61.3	68.3	60.4
219.	03.10	64.1	66.5	63.4	243.	05.10	63.8	72.5	62.7	267.	07.10	60.9	66.6	60.2
220.	03.15	64.1	67.0	63.4	244.	05.15	64.3	73.6	63.1	268.	07.15	64.7	81.8	60.3
221.	03.20	63.8	71.4	63.0	245.	05.20	64.6	73.9	63.0	269.	07.20	63.2	86.7	58.6
222.	03.25	64.8	69.2	63.2	246.	05.25	62.5	69.1	61.5	270.	07.25	59.5	74.6	56.5
223.	03.30	65.2	71.3	63.5	247.	05.30	61.9	66.1	61.4	271.	07.30	60.3	78.5	56.7
224.	03.35	65.7	71.3	64.0	248.	05.35	61.8	65.3	61.4	272.	07.35	61.8	77.5	57.1
225.	03.40	64.7	71.2	63.7	249.	05.40	62.1	65.8	61.5	273.	07.40	59.1	70.9	56.8
226.	03.45	64.4	69.9	63.8	250.	05.45	63.8	77.4	61.8	274.	07.45	65.9	93.6	56.6
227.	03.50	65.7	72.6	64.2	251.	05.50	63.9	81.5	61.9	275.	07.50	63.4	89.9	58.0
228.	03.55	65.1	71.2	63.9	252.	05.55	63.6	75.5	61.4	276.	07.55	60.7	73.0	58.4
229.	04.00	65.1	72.2	64.0	253.	06.00	61.7	62.8	61.2	277.	08.00	59.9	65.3	58.4
230.	04.05	66.5	72.0	64.4	254.	06.05	61.7	62.8	61.2	278.	08.05	61.5	77.9	59.2
231.	04.10	63.7	71.6	62.8	255.	06.10	62.7	73.7	61.3	279.	08.10	61.3	77.8	57.0
232.	04.15	63.2	64.5	62.7	256.	06.15	63.4	74.2	61.6	280.	08.15	66.2	68.6	65.7
233.	04.20	63.5	69.2	62.8	257.	06.20	62.4	74.0	61.4	281.	08.20	66.7	74.9	65.8
234.	04.25	66.8	73.3	63.8	258.	06.25	63.0	73.5	61.4	282.	08.25	67.1	70.3	66.2
235.	04.30	62.9	66.3	62.2	259.	06.30	63.3	77.8	62.4	283.	08.30	66.6	69.6	65.8
236.	04.35	62.7	66.4	62.0	260.	06.35	64.5	81.4	62.3	284.	08.35	65.9	69.7	65.3
237.	04.40	62.7	65.8	61.8	261.	06.40	62.8	68.3	61.1	285.	08.40	65.8	71.7	65.3
238.	04.45	63.3	71.2	61.7	262.	06.45	61.7	68.0	61.0	286.	08.45	66.2	72.9	65.4
239.	04.50	66.0	70.9	64.4	263.	06.50	62.4	70.1	61.4	287.	08.50	66.2	75.0	65.0
240.	04.55	64.0	67.0	63.1	264.	06.55	62.5	72.0	61.0	288.	08.55	65.5	70.4	64.9



General Manager



# Thai Environmental Technic Limited

## บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP  
 Project : โครงการผลิตลวดทองแดงส่วนขยาย ครั้งที่ 1  
 Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม  
 อำเภอบางปะกง จังหวัดฉะเชิงเทรา 24130  
 Contact : Tel. (038)-573 231-5  
 Job No. : S660063/Oct/1

Report No. : 3454/2023/4-7  
 Report Date : November 14, 2023  
 Sampling Date : October 27-November 3, 2023  
 Type of Sample : Sound Level

(4/1-3)

ริมรั้วห้องข้างตึก 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))		
		30-31/10/23					30-31/10/23					30-31/10/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
1.	09.00	65.5	71.0	64.9	37.	12.00	66.0	73.1	64.4	73.	15.00	65.8	76.4	64.6
2.	09.05	68.1	74.1	65.1	38.	12.05	66.3	76.2	64.2	74.	15.05	65.1	67.3	64.7
3.	09.10	65.9	71.5	64.8	39.	12.10	71.2	92.8	65.0	75.	15.10	66.7	77.9	64.8
4.	09.15	64.7	68.1	64.2	40.	12.15	68.6	87.7	64.7	76.	15.15	65.6	72.9	64.7
5.	09.20	65.0	69.5	64.4	41.	12.20	67.9	87.9	64.9	77.	15.20	65.7	74.7	64.6
6.	09.25	65.1	73.2	64.2	42.	12.25	70.0	90.8	64.4	78.	15.25	66.7	79.7	64.6
7.	09.30	64.6	69.4	64.0	43.	12.30	69.5	88.5	64.2	79.	15.30	66.2	76.5	64.7
8.	09.35	65.1	69.8	64.1	44.	12.35	68.8	87.4	64.7	80.	15.35	65.9	77.8	64.7
9.	09.40	64.9	73.7	64.0	45.	12.40	66.8	84.2	64.4	81.	15.40	65.9	77.1	64.9
10.	09.45	65.8	74.2	64.6	46.	12.45	64.5	72.8	63.0	82.	15.45	65.9	73.1	65.0
11.	09.50	65.4	73.1	64.3	47.	12.50	64.6	80.2	62.9	83.	15.50	68.0	91.2	64.7
12.	09.55	65.0	70.9	64.3	48.	12.55	63.5	76.0	62.6	84.	15.55	66.0	79.4	64.9
13.	10.00	65.8	75.4	64.8	49.	13.00	63.4	73.3	62.4	85.	16.00	66.1	73.4	65.1
14.	10.05	65.2	68.7	64.5	50.	13.05	63.9	76.2	62.3	86.	16.05	66.1	72.8	65.3
15.	10.10	66.2	68.7	65.2	51.	13.10	63.5	73.3	62.3	87.	16.10	65.6	72.2	65.1
16.	10.15	65.7	74.5	64.7	52.	13.15	64.4	77.1	62.3	88.	16.15	65.6	77.7	65.0
17.	10.20	65.5	71.1	64.5	53.	13.20	63.9	83.4	61.9	89.	16.20	66.8	83.9	64.5
18.	10.25	64.7	68.9	64.3	54.	13.25	64.4	67.5	63.8	90.	16.25	65.7	74.2	64.0
19.	10.30	64.7	71.5	64.3	55.	13.30	64.6	74.3	64.1	91.	16.30	64.5	76.5	63.7
20.	10.35	64.8	67.5	64.3	56.	13.35	64.4	67.7	64.0	92.	16.35	65.5	72.6	64.1
21.	10.40	64.8	67.3	64.3	57.	13.40	64.9	76.6	64.1	93.	16.40	64.8	73.2	64.1
22.	10.45	65.2	78.6	64.4	58.	13.45	65.0	77.0	64.2	94.	16.45	65.2	72.1	64.3
23.	10.50	66.3	81.0	64.6	59.	13.50	66.8	81.3	64.3	95.	16.50	64.6	69.2	63.9
24.	10.55	66.1	79.7	64.5	60.	13.55	65.6	88.5	62.2	96.	16.55	65.7	75.6	64.2
25.	11.00	67.7	82.4	64.8	61.	14.00	65.3	72.1	62.8	97.	17.00	66.2	72.9	65.6
26.	11.05	65.9	78.5	64.5	62.	14.05	64.2	78.9	62.5	98.	17.05	66.5	75.2	65.6
27.	11.10	65.6	79.2	64.2	63.	14.10	63.5	67.8	62.2	99.	17.10	67.0	84.6	65.7
28.	11.15	64.6	70.4	64.2	64.	14.15	64.8	73.0	64.2	100.	17.15	66.6	75.0	65.6
29.	11.20	65.8	78.6	64.4	65.	14.20	64.7	74.9	64.0	101.	17.20	66.3	80.8	64.0
30.	11.25	65.6	76.1	64.5	66.	14.25	64.9	73.9	64.0	102.	17.25	64.8	73.8	63.6
31.	11.30	66.0	75.4	64.9	67.	14.30	64.8	71.2	64.2	103.	17.30	65.1	76.8	63.6
32.	11.35	65.7	71.5	64.8	68.	14.35	64.7	69.1	64.2	104.	17.35	68.8	76.7	63.9
33.	11.40	66.0	73.1	64.9	69.	14.40	64.5	68.9	64.1	105.	17.40	66.1	73.7	63.8
34.	11.45	65.5	67.1	65.0	70.	14.45	65.7	75.5	64.2	106.	17.45	64.6	73.9	63.4
35.	11.50	65.5	74.0	64.7	71.	14.50	66.7	82.3	64.7	107.	17.50	64.5	78.5	63.1
36.	11.55	65.8	78.0	64.5	72.	14.55	65.6	77.0	64.6	108.	17.55	66.3	79.7	63.1





Thai Environmental Technic Limited  
บริษัท เทคโนโลยีสิ่งแวดล้อมไทย จำกัด

(4/2-3)

รื้อห้องข้างตึก 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))		
		30-31/10/23					30-31/10/23					30-31/10/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
109.	18.00	66.5	80.8	63.7	145.	21.00	67.3	72.5	66.7	181.	00.00	67.1	74.5	66.2
110.	18.05	65.2	76.2	64.2	146.	21.05	69.1	78.1	66.9	182.	00.05	67.1	74.8	66.3
111.	18.10	63.6	67.9	63.0	147.	21.10	69.4	78.8	67.4	183.	00.10	67.0	80.4	66.2
112.	18.15	71.5	93.2	67.1	148.	21.15	69.0	80.0	67.1	184.	00.15	67.8	78.8	66.2
113.	18.20	72.9	89.8	66.7	149.	21.20	67.5	72.2	67.0	185.	00.20	67.9	80.2	66.2
114.	18.25	69.5	86.4	66.3	150.	21.25	67.3	74.5	66.5	186.	00.25	66.7	70.9	66.2
115.	18.30	70.8	90.7	66.2	151.	21.30	67.4	71.0	66.9	187.	00.30	68.9	81.8	66.3
116.	18.35	66.6	73.0	65.9	152.	21.35	69.5	77.9	67.7	188.	00.35	67.3	81.2	66.1
117.	18.40	66.4	70.9	65.9	153.	21.40	68.3	76.6	67.4	189.	00.40	66.3	70.8	65.9
118.	18.45	67.2	77.5	66.1	154.	21.45	68.1	78.3	66.5	190.	00.45	67.2	76.8	66.1
119.	18.50	66.7	77.6	66.2	155.	21.50	67.4	77.0	66.3	191.	00.50	67.5	80.5	66.1
120.	18.55	69.7	83.8	66.5	156.	21.55	66.5	77.5	65.5	192.	00.55	66.9	70.9	66.2
121.	19.00	68.1	75.0	66.7	157.	22.00	66.1	67.2	65.6	193.	01.00	68.6	81.3	66.1
122.	19.05	68.8	77.8	68.3	158.	22.05	66.3	68.7	65.9	194.	01.05	67.3	82.4	65.6
123.	19.10	68.4	72.1	68.0	159.	22.10	66.6	75.2	66.0	195.	01.10	65.9	68.2	65.5
124.	19.15	68.7	78.2	68.1	160.	22.15	67.7	77.9	66.2	196.	01.15	68.4	87.9	65.6
125.	19.20	69.5	77.3	68.1	161.	22.20	68.1	85.9	66.3	197.	01.20	67.9	79.9	65.8
126.	19.25	69.5	81.0	68.0	162.	22.25	66.7	75.4	66.3	198.	01.25	66.8	78.3	65.6
127.	19.30	68.1	73.1	67.6	163.	22.30	67.6	76.7	66.2	199.	01.30	65.7	66.6	65.3
128.	19.35	68.3	76.0	67.5	164.	22.35	67.3	74.9	66.2	200.	01.35	66.5	76.8	65.6
129.	19.40	68.6	79.7	67.5	165.	22.40	67.1	77.2	66.0	201.	01.40	66.3	79.7	65.4
130.	19.45	68.3	80.7	67.6	166.	22.45	66.0	66.9	65.7	202.	01.45	67.1	81.5	65.6
131.	19.50	68.8	76.1	67.7	167.	22.50	66.1	75.3	65.6	203.	01.50	67.1	80.0	65.9
132.	19.55	68.2	70.2	67.8	168.	22.55	66.5	67.8	65.9	204.	01.55	67.0	78.5	66.0
133.	20.00	68.0	69.4	67.6	169.	23.00	66.8	69.7	66.2	205.	02.00	67.1	79.8	65.8
134.	20.05	67.9	76.3	66.4	170.	23.05	67.0	74.5	66.2	206.	02.05	66.2	73.1	65.7
135.	20.10	67.1	77.3	65.9	171.	23.10	67.5	76.7	66.1	207.	02.10	66.4	75.7	65.6
136.	20.15	66.6	72.2	66.0	172.	23.15	67.4	75.8	66.1	208.	02.15	66.3	76.8	65.6
137.	20.20	68.0	79.7	66.5	173.	23.20	67.7	79.0	66.1	209.	02.20	67.2	82.8	66.1
138.	20.25	68.2	71.7	67.8	174.	23.25	67.2	74.6	66.2	210.	02.25	66.3	75.2	65.3
139.	20.30	69.1	85.1	66.8	175.	23.30	67.3	78.7	65.9	211.	02.30	65.8	68.4	65.3
140.	20.35	68.1	77.0	66.5	176.	23.35	67.3	69.1	66.4	212.	02.35	65.8	69.8	65.4
141.	20.40	70.5	82.1	67.2	177.	23.40	66.5	73.0	66.0	213.	02.40	65.8	73.5	65.3
142.	20.45	68.2	80.5	66.4	178.	23.45	66.4	70.8	65.9	214.	02.45	67.0	80.2	65.4
143.	20.50	67.9	76.4	66.8	179.	23.50	66.5	71.2	66.0	215.	02.50	66.2	76.9	65.2
144.	20.55	67.4	69.8	66.9	180.	23.55	66.5	73.4	66.1	216.	02.55	65.6	69.1	65.1

**TET**

Thai Environmental Technic Limited  
บริษัท เทคนิกลิ่งแวดล้อมไทย จำกัด

(4/3-3)

ริมรั้วห้องข้างตึกข้าง 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))		
		30-31/10/23					30-31/10/23					30-31/10/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
217.	03.00	66.7	78.7	65.2	241.	05.00	65.3	73.7	64.5	265.	07.00	64.5	67.8	64.0
218.	03.05	67.0	77.6	65.3	242.	05.05	64.7	65.6	64.3	266.	07.05	64.3	68.5	63.9
219.	03.10	66.2	80.0	65.3	243.	05.10	64.2	65.2	63.8	267.	07.10	64.6	70.3	63.8
220.	03.15	66.5	82.7	65.3	244.	05.15	65.0	72.1	64.0	268.	07.15	64.9	70.4	64.1
221.	03.20	66.7	84.7	65.2	245.	05.20	65.1	73.8	64.1	269.	07.20	64.9	72.7	64.0
222.	03.25	66.6	78.5	65.3	246.	05.25	65.3	71.6	64.0	270.	07.25	64.4	67.3	63.8
223.	03.30	66.1	75.2	65.3	247.	05.30	65.3	70.1	64.0	271.	07.30	64.8	74.6	63.8
224.	03.35	66.3	78.8	65.4	248.	05.35	65.9	70.1	64.7	272.	07.35	64.3	69.1	63.6
225.	03.40	66.4	79.8	65.3	249.	05.40	64.5	65.9	64.1	273.	07.40	64.3	74.4	63.8
226.	03.45	65.4	69.7	65.0	250.	05.45	64.7	75.5	64.1	274.	07.45	64.5	79.0	63.9
227.	03.50	66.3	76.1	64.9	251.	05.50	64.8	77.7	64.0	275.	07.50	65.1	67.0	64.5
228.	03.55	67.1	80.6	65.3	252.	05.55	64.4	68.3	63.9	276.	07.55	65.4	73.2	64.7
229.	04.00	66.3	69.4	65.4	253.	06.00	65.4	73.8	64.4	277.	08.00	65.7	78.5	64.7
230.	04.05	67.1	79.2	65.2	254.	06.05	65.5	72.2	64.6	278.	08.05	65.1	73.6	64.5
231.	04.10	65.2	70.8	64.8	255.	06.10	65.3	71.7	64.3	279.	08.10	65.9	76.2	64.6
232.	04.15	65.2	72.0	64.8	256.	06.15	65.4	72.3	64.3	280.	08.15	65.6	77.0	65.0
233.	04.20	65.8	67.6	65.2	257.	06.20	64.4	67.9	64.0	281.	08.20	67.1	84.6	65.4
234.	04.25	65.8	69.7	65.3	258.	06.25	65.2	71.8	64.2	282.	08.25	66.3	81.1	64.8
235.	04.30	66.2	72.2	65.3	259.	06.30	65.3	71.1	64.5	283.	08.30	65.1	66.9	64.5
236.	04.35	66.1	73.2	65.1	260.	06.35	65.2	69.4	64.7	284.	08.35	65.1	71.5	64.5
237.	04.40	65.4	73.8	64.7	261.	06.40	65.8	72.7	64.8	285.	08.40	66.3	82.1	64.1
238.	04.45	64.9	65.9	64.5	262.	06.45	65.5	73.0	64.6	286.	08.45	66.3	76.8	64.6
239.	04.50	65.6	73.5	64.7	263.	06.50	65.4	71.9	64.5	287.	08.50	66.6	83.3	64.7
240.	04.55	65.6	73.1	64.9	264.	06.55	65.0	72.5	64.2	288.	08.55	65.1	69.4	64.5



General Manager



**TET**

# Thai Environmental Technic Limited

## บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP  
 Project : โครงการผลิตขวดทองแดงส่วนขยาย ครั้งที่ 1  
 Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม  
 อำเภอบางปะกง จังหวัดฉะเชิงเทรา 24130  
 Contact : Tel. (038)-573 231-5  
 Job No. : S660063/Oct/1

Report No. : 3454/2023/5-7  
 Report Date : November 14, 2023  
 Sampling Date : October 27-November 3, 2023  
 Type of Sample : Sound Level

(5/1-3)

ริมรั้วห้องข้างตึก 5 ชั้น														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		31/10-01/11/23					31/10-01/11/23					31/10-01/11/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
1.	09.00	65.0	70.8	64.4	37.	12.00	65.8	80.5	63.5	73.	15.00	63.0	71.1	62.0
2.	09.05	65.7	78.6	64.3	38.	12.05	64.0	73.2	62.8	74.	15.05	62.2	64.1	61.7
3.	09.10	65.3	68.6	64.4	39.	12.10	64.7	82.9	62.8	75.	15.10	62.5	75.6	61.7
4.	09.15	66.2	76.8	64.5	40.	12.15	64.2	79.7	62.8	76.	15.15	62.2	66.9	61.8
5.	09.20	65.0	71.2	64.4	41.	12.20	63.3	65.5	62.8	77.	15.20	65.5	82.2	61.3
6.	09.25	65.1	76.0	64.0	42.	12.25	67.2	86.2	63.0	78.	15.25	62.9	74.8	61.2
7.	09.30	65.0	77.2	63.8	43.	12.30	63.6	72.8	62.6	79.	15.30	62.8	71.8	61.5
8.	09.35	65.2	76.9	64.0	44.	12.35	65.0	78.9	62.9	80.	15.35	65.8	74.0	62.8
9.	09.40	67.1	82.5	63.2	45.	12.40	64.9	74.7	63.3	81.	15.40	68.4	76.0	65.6
10.	09.45	63.4	73.8	62.7	46.	12.45	64.0	67.9	63.1	82.	15.45	64.6	74.1	62.3
11.	09.50	65.4	73.8	63.9	47.	12.50	63.8	74.0	62.5	83.	15.50	64.1	73.8	62.7
12.	09.55	65.1	75.3	64.1	48.	12.55	64.0	74.5	62.5	84.	15.55	63.9	73.7	62.1
13.	10.00	66.7	85.5	64.2	49.	13.00	65.1	80.0	62.8	85.	16.00	63.3	70.7	62.1
14.	10.05	66.6	76.3	64.6	50.	13.05	63.0	67.6	62.1	86.	16.05	63.8	71.8	62.5
15.	10.10	66.1	76.0	63.8	51.	13.10	62.6	71.1	62.0	87.	16.10	65.0	76.2	63.1
16.	10.15	65.5	80.1	63.2	52.	13.15	63.2	77.5	62.1	88.	16.15	66.2	75.7	65.1
17.	10.20	63.7	73.3	62.8	53.	13.20	63.8	75.0	62.1	89.	16.20	66.3	80.9	65.2
18.	10.25	63.6	70.9	62.8	54.	13.25	63.3	73.0	62.1	90.	16.25	66.8	76.6	65.4
19.	10.30	65.5	80.4	63.1	55.	13.30	65.1	80.4	64.4	91.	16.30	66.1	67.8	65.6
20.	10.35	64.3	75.9	63.4	56.	13.35	64.8	73.0	64.3	92.	16.35	67.0	75.3	66.1
21.	10.40	65.1	85.8	63.4	57.	13.40	64.9	72.0	64.3	93.	16.40	67.3	79.2	66.5
22.	10.45	65.4	77.5	63.4	58.	13.45	63.2	68.7	62.2	94.	16.45	66.8	71.8	65.8
23.	10.50	64.6	74.7	63.5	59.	13.50	62.9	67.6	62.2	95.	16.50	66.6	68.3	66.1
24.	10.55	64.4	74.3	63.3	60.	13.55	63.3	71.4	62.4	96.	16.55	67.8	83.7	65.9
25.	11.00	65.3	79.8	63.3	61.	14.00	62.9	71.2	62.1	97.	17.00	66.4	69.6	66.0
26.	11.05	65.2	76.5	63.2	62.	14.05	64.7	82.0	62.1	98.	17.05	66.3	68.2	65.8
27.	11.10	65.6	76.9	64.0	63.	14.10	62.7	74.7	62.0	99.	17.10	66.1	68.1	65.3
28.	11.15	64.3	72.3	63.6	64.	14.15	62.4	65.4	61.9	100.	17.15	66.8	69.6	65.3
29.	11.20	64.2	66.4	63.6	65.	14.20	62.5	68.5	62.1	101.	17.20	67.6	79.9	65.9
30.	11.25	64.3	66.4	63.8	66.	14.25	63.1	69.8	62.0	102.	17.25	69.0	80.9	66.5
31.	11.30	64.1	69.7	63.5	67.	14.30	62.2	69.1	61.4	103.	17.30	68.0	76.1	66.2
32.	11.35	64.4	67.5	63.8	68.	14.35	62.5	70.9	61.8	104.	17.35	66.2	67.7	65.7
33.	11.40	64.5	68.7	63.9	69.	14.40	62.4	75.1	61.9	105.	17.40	68.0	82.7	65.7
34.	11.45	64.3	65.9	63.7	70.	14.45	62.1	63.3	61.7	106.	17.45	67.0	80.6	65.9
35.	11.50	66.6	83.0	63.9	71.	14.50	62.3	64.6	61.9	107.	17.50	67.1	75.8	66.3
36.	11.55	65.2	77.3	63.2	72.	14.55	62.3	65.1	61.9	108.	17.55	67.9	82.1	66.5



Thai Environmental Technic Limited  
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(5/2-3)

ริมรั้วห้องข้างคางช้าง 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))		
		31/10-01/11/23					31/10-01/11/23					31/10-01/11/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
109.	18.00	67.1	74.9	66.4	145.	21.00	67.0	71.9	66.2	181.	00.00	67.5	76.3	66.5
110.	18.05	67.5	79.4	66.2	146.	21.05	67.7	77.0	66.5	182.	00.05	67.3	72.9	66.3
111.	18.10	66.4	75.3	65.7	147.	21.10	67.7	74.6	66.8	183.	00.10	66.5	70.7	66.1
112.	18.15	67.0	77.7	65.7	148.	21.15	67.9	73.0	67.0	184.	00.15	66.5	73.3	66.1
113.	18.20	67.3	76.2	65.6	149.	21.20	67.6	70.4	67.0	185.	00.20	66.6	69.3	66.1
114.	18.25	66.4	73.6	65.7	150.	21.25	68.4	75.6	67.1	186.	00.25	66.6	69.1	66.1
115.	18.30	66.9	73.7	65.7	151.	21.30	68.4	76.1	67.2	187.	00.30	67.0	80.4	66.2
116.	18.35	66.6	74.1	65.9	152.	21.35	67.4	70.1	67.0	188.	00.35	68.1	82.8	66.4
117.	18.40	68.3	83.6	66.3	153.	21.40	67.5	69.3	67.0	189.	00.40	67.9	81.5	66.3
118.	18.45	68.0	81.7	66.2	154.	21.45	67.1	68.2	66.7	190.	00.45	69.5	84.2	66.6
119.	18.50	67.0	76.6	66.2	155.	21.50	67.7	70.7	67.1	191.	00.50	67.7	80.3	66.3
120.	18.55	67.0	69.1	66.5	156.	21.55	67.7	69.2	67.1	192.	00.55	67.4	81.0	66.0
121.	19.00	66.8	69.3	66.2	157.	22.00	68.0	70.4	67.5	193.	01.00	66.4	72.2	66.0
122.	19.05	66.8	68.1	66.3	158.	22.05	68.5	76.7	67.6	194.	01.05	67.6	80.4	66.2
123.	19.10	67.2	74.1	66.5	159.	22.10	68.9	72.1	68.0	195.	01.10	67.4	77.9	66.3
124.	19.15	68.0	80.3	66.6	160.	22.15	68.4	71.4	67.6	196.	01.15	67.8	77.2	66.7
125.	19.20	68.2	75.4	67.0	161.	22.20	67.7	71.5	67.1	197.	01.20	67.5	73.3	66.6
126.	19.25	67.8	77.1	66.8	162.	22.25	67.6	73.5	67.1	198.	01.25	67.8	74.9	66.7
127.	19.30	67.0	69.4	66.5	163.	22.30	68.0	74.7	67.2	199.	01.30	67.3	68.9	66.8
128.	19.35	67.6	82.2	66.4	164.	22.35	68.0	76.8	66.8	200.	01.35	67.3	75.8	66.5
129.	19.40	67.6	75.7	66.4	165.	22.40	67.3	72.2	66.7	201.	01.40	66.9	68.0	66.4
130.	19.45	66.6	74.9	66.0	166.	22.45	67.3	72.8	66.7	202.	01.45	66.9	68.4	66.4
131.	19.50	66.5	70.8	66.1	167.	22.50	69.9	75.9	66.9	203.	01.50	67.8	77.6	66.9
132.	19.55	67.3	71.0	66.6	168.	22.55	67.7	73.3	66.6	204.	01.55	67.2	68.5	66.7
133.	20.00	66.7	74.3	66.1	169.	23.00	66.5	69.9	66.0	205.	02.00	67.9	78.2	66.6
134.	20.05	66.3	69.6	65.8	170.	23.05	66.8	71.3	66.2	206.	02.05	68.2	77.6	66.6
135.	20.10	66.4	67.6	66.0	171.	23.10	66.9	75.0	66.0	207.	02.10	67.1	72.8	66.6
136.	20.15	66.4	72.1	66.0	172.	23.15	66.4	71.2	65.8	208.	02.15	67.6	78.1	66.7
137.	20.20	66.1	72.8	65.5	173.	23.20	66.9	71.6	65.9	209.	02.20	68.0	74.4	67.0
138.	20.25	66.8	80.4	65.7	174.	23.25	66.7	75.5	65.8	210.	02.25	68.4	75.9	67.0
139.	20.30	67.3	73.6	66.2	175.	23.30	67.6	76.0	66.4	211.	02.30	68.1	76.3	67.0
140.	20.35	67.1	75.0	66.3	176.	23.35	67.2	74.9	66.1	212.	02.35	67.9	76.4	66.9
141.	20.40	66.5	69.3	66.1	177.	23.40	66.8	72.7	66.1	213.	02.40	67.7	78.8	66.6
142.	20.45	66.6	69.8	66.1	178.	23.45	67.6	77.2	66.6	214.	02.45	67.9	77.9	67.1
143.	20.50	66.4	69.5	66.0	179.	23.50	67.0	70.5	66.3	215.	02.50	68.6	78.3	67.5
144.	20.55	66.5	71.5	66.0	180.	23.55	68.0	70.5	67.0	216.	02.55	68.4	71.8	67.7





Thai Environmental Technic Limited  
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(5/3-3)

ริมรั้วห้องข้างคาซัง 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))		
		31/10-01/11/23					31/10-01/11/23					31/10-01/11/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
217.	03.00	68.9	75.7	67.8	241.	05.00	69.4	76.7	67.6	265.	07.00	66.8	74.6	66.2
218.	03.05	69.2	76.7	67.9	242.	05.05	67.2	75.8	66.4	266.	07.05	67.5	79.9	66.4
219.	03.10	67.9	70.7	67.3	243.	05.10	66.9	75.5	66.2	267.	07.10	67.4	73.0	66.5
220.	03.15	67.9	77.3	66.9	244.	05.15	67.3	80.1	66.3	268.	07.15	68.1	78.6	67.0
221.	03.20	66.8	69.3	66.4	245.	05.20	67.4	75.2	66.5	269.	07.20	67.9	77.2	66.7
222.	03.25	67.1	73.3	66.5	246.	05.25	67.1	74.7	66.3	270.	07.25	67.3	69.8	66.7
223.	03.30	69.2	77.1	67.5	247.	05.30	67.7	75.0	66.6	271.	07.30	67.4	72.8	66.6
224.	03.35	70.6	76.5	67.6	248.	05.35	66.6	72.5	65.8	272.	07.35	66.9	71.6	66.3
225.	03.40	67.3	73.4	66.6	249.	05.40	66.9	74.1	66.0	273.	07.40	66.7	69.1	66.1
226.	03.45	68.7	72.6	67.1	250.	05.45	66.6	70.7	66.1	274.	07.45	67.1	75.8	66.2
227.	03.50	68.2	72.6	66.9	251.	05.50	67.1	69.9	66.5	275.	07.50	67.0	75.7	66.2
228.	03.55	67.8	75.4	66.8	252.	05.55	67.4	69.9	66.5	276.	07.55	66.8	73.4	65.8
229.	04.00	68.2	73.1	66.7	253.	06.00	66.6	67.8	66.1	277.	08.00	67.2	76.2	66.3
230.	04.05	67.0	68.6	66.4	254.	06.05	67.3	69.9	66.7	278.	08.05	66.6	71.0	66.0
231.	04.10	67.5	70.0	66.9	255.	06.10	67.5	73.6	66.7	279.	08.10	67.8	80.1	66.3
232.	04.15	67.7	72.3	66.8	256.	06.15	66.4	75.6	65.8	280.	08.15	68.9	75.0	67.3
233.	04.20	68.1	80.6	66.9	257.	06.20	66.3	68.9	65.8	281.	08.20	70.4	77.8	68.1
234.	04.25	67.3	71.2	66.5	258.	06.25	66.6	70.8	66.1	282.	08.25	68.1	73.1	66.9
235.	04.30	66.9	71.7	66.2	259.	06.30	67.4	78.1	66.3	283.	08.30	67.7	78.1	66.5
236.	04.35	66.9	70.8	66.4	260.	06.35	67.6	76.1	66.3	284.	08.35	67.0	74.6	66.1
237.	04.40	67.4	79.8	66.4	261.	06.40	67.2	75.3	66.4	285.	08.40	67.1	69.5	66.2
238.	04.45	69.0	75.4	67.2	262.	06.45	67.8	74.3	66.5	286.	08.45	67.8	72.8	66.8
239.	04.50	69.5	74.7	67.0	263.	06.50	68.9	74.4	67.0	287.	08.50	67.0	72.8	66.3
240.	04.55	71.5	76.9	68.1	264.	06.55	68.4	72.4	66.7	288.	08.55	66.1	76.9	65.4



General Manager



**Thai Environmental Technic Limited**  
**บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด**

Customer Name : บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP  
Project : โครงการผลิตขวดทองแดงส่วนขยาย ครั้งที่ 1  
Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม  
อำเภอบางปะกง จังหวัดฉะเชิงเทรา 24130  
Contact : Tel. (038)-573 231-5  
Job No. : S660063/Oct/1

Report No. : 3454/2023/6-7  
Report Date : November 14, 2023  
Sampling Date : October 27-November 3, 2023  
Type of Sample : Sound Level

(6/1-3)

ริมรั้วห้องข้างตึก 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))		
		01-02/11/23					01-02/11/23					01-02/11/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
1.	09.00	67.0	76.3	65.6	37.	12.00	66.3	80.4	65.2	73.	15.00	67.2	75.8	66.0
2.	09.05	66.2	70.3	65.6	38.	12.05	67.7	86.6	65.8	74.	15.05	70.7	80.0	66.7
3.	09.10	68.0	82.4	65.9	39.	12.10	67.3	79.9	65.8	75.	15.10	68.6	76.9	66.9
4.	09.15	66.9	75.0	65.8	40.	12.15	69.2	82.8	66.6	76.	15.15	68.0	72.5	66.4
5.	09.20	67.5	75.6	66.0	41.	12.20	70.5	89.0	66.3	77.	15.20	67.1	78.2	65.9
6.	09.25	67.0	72.4	66.1	42.	12.25	69.8	86.0	66.7	78.	15.25	67.2	74.6	66.2
7.	09.30	66.9	75.6	65.9	43.	12.30	68.9	86.0	66.5	79.	15.30	66.9	76.5	65.7
8.	09.35	66.9	70.5	66.2	44.	12.35	67.4	75.3	66.4	80.	15.35	67.1	73.8	65.7
9.	09.40	67.6	79.4	66.4	45.	12.40	66.9	75.1	66.2	81.	15.40	69.0	81.3	67.6
10.	09.45	67.8	76.5	66.5	46.	12.45	67.6	78.5	66.4	82.	15.45	68.0	72.5	67.1
11.	09.50	68.1	80.3	66.4	47.	12.50	67.6	73.7	66.8	83.	15.50	67.8	75.0	66.7
12.	09.55	67.6	74.3	66.2	48.	12.55	67.6	74.6	66.9	84.	15.55	67.7	74.1	66.9
13.	10.00	67.5	76.1	66.2	49.	13.00	68.1	79.0	67.0	85.	16.00	68.1	76.8	67.1
14.	10.05	67.4	75.1	66.2	50.	13.05	68.7	76.9	67.6	86.	16.05	68.3	77.4	67.5
15.	10.10	67.7	82.9	66.3	51.	13.10	68.4	75.7	67.2	87.	16.10	68.4	77.8	67.1
16.	10.15	68.1	83.4	66.4	52.	13.15	66.9	69.9	66.5	88.	16.15	68.5	81.6	67.1
17.	10.20	68.8	85.0	66.9	53.	13.20	67.1	77.0	66.0	89.	16.20	68.2	87.1	66.8
18.	10.25	69.0	81.6	67.0	54.	13.25	67.1	75.4	66.0	90.	16.25	69.0	87.3	67.0
19.	10.30	69.0	83.3	67.0	55.	13.30	67.1	75.0	65.6	91.	16.30	68.2	79.9	67.2
20.	10.35	68.7	84.0	66.6	56.	13.35	67.5	75.2	66.2	92.	16.35	68.1	83.4	65.8
21.	10.40	68.2	84.0	66.2	57.	13.40	66.4	69.5	65.9	93.	16.40	68.5	88.0	66.0
22.	10.45	69.0	81.1	66.6	58.	13.45	66.8	68.7	66.2	94.	16.45	70.3	87.8	66.3
23.	10.50	68.7	86.4	65.8	59.	13.50	68.0	77.4	66.7	95.	16.50	68.7	88.4	65.7
24.	10.55	68.9	86.6	66.2	60.	13.55	67.1	74.1	66.3	96.	16.55	70.7	90.4	66.0
25.	11.00	68.7	86.9	66.1	61.	14.00	66.9	71.7	66.2	97.	17.00	70.0	88.3	66.2
26.	11.05	68.9	85.4	66.2	62.	14.05	67.1	82.1	66.2	98.	17.05	69.1	86.7	64.0
27.	11.10	69.4	88.6	66.2	63.	14.10	67.5	77.1	66.1	99.	17.10	66.0	85.3	61.3
28.	11.15	68.3	82.1	65.7	64.	14.15	66.7	75.1	65.6	100.	17.15	64.5	83.7	61.0
29.	11.20	67.9	84.8	65.7	65.	14.20	67.3	74.0	66.2	101.	17.20	64.0	86.4	61.1
30.	11.25	67.3	81.6	65.7	66.	14.25	66.4	71.9	65.8	102.	17.25	64.2	84.1	61.0
31.	11.30	67.2	76.9	65.7	67.	14.30	67.7	86.2	66.1	103.	17.30	62.3	67.7	61.0
32.	11.35	66.5	72.2	65.6	68.	14.35	68.9	76.6	66.3	104.	17.35	61.7	70.1	60.6
33.	11.40	65.9	66.9	65.5	69.	14.40	68.2	77.5	66.0	105.	17.40	61.5	71.1	60.5
34.	11.45	67.2	76.3	65.9	70.	14.45	68.3	80.0	66.3	106.	17.45	63.0	70.8	60.3
35.	11.50	66.5	75.4	65.5	71.	14.50	67.1	75.9	65.9	107.	17.50	65.1	71.5	63.7
36.	11.55	66.4	74.9	65.3	72.	14.55	66.3	75.2	65.5	108.	17.55	64.0	66.2	63.1





Thai Environmental Technic Limited  
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(6/2-3)

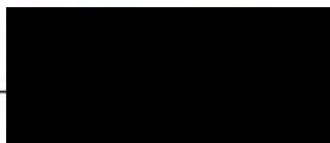
ริมรั้วห้องข้างตาสัง 5 ตัน														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		01-02/11/23					01-02/11/23					01-02/11/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
109.	18.00	64.7	73.0	63.6	145.	21.00	66.2	74.1	61.3	181.	00.00	65.3	73.1	64.6
110.	18.05	65.1	78.0	63.9	146.	21.05	62.9	76.4	60.7	182.	00.05	65.7	77.6	64.4
111.	18.10	65.5	69.7	64.4	147.	21.10	64.4	71.3	60.7	183.	00.10	64.6	73.5	63.9
112.	18.15	66.6	77.2	65.0	148.	21.15	65.7	73.1	62.9	184.	00.15	65.2	75.9	63.9
113.	18.20	67.7	79.7	66.2	149.	21.20	63.7	80.4	59.5	185.	00.20	65.5	74.4	63.8
114.	18.25	69.3	84.3	66.9	150.	21.25	61.1	73.0	59.4	186.	00.25	64.6	71.8	63.9
115.	18.30	68.7	84.0	67.0	151.	21.30	61.0	70.0	59.7	187.	00.30	65.1	71.9	63.9
116.	18.35	69.1	85.3	66.8	152.	21.35	64.0	72.2	61.0	188.	00.35	64.8	72.3	64.1
117.	18.40	68.9	82.9	66.4	153.	21.40	66.6	74.2	63.8	189.	00.40	66.5	81.8	64.5
118.	18.45	68.9	86.6	66.1	154.	21.45	62.8	72.3	60.5	190.	00.45	66.2	79.9	64.4
119.	18.50	69.3	85.8	66.2	155.	21.50	62.3	72.0	60.9	191.	00.50	65.2	74.8	64.4
120.	18.55	69.8	86.4	66.4	156.	21.55	62.1	71.9	60.3	192.	00.55	65.2	67.3	64.7
121.	19.00	69.2	86.4	66.4	157.	22.00	61.5	68.9	60.3	193.	01.00	65.0	67.5	64.4
122.	19.05	69.1	84.8	66.6	158.	22.05	62.0	70.0	60.7	194.	01.05	65.0	66.3	64.5
123.	19.10	68.2	83.2	64.5	159.	22.10	63.2	74.4	61.3	195.	01.10	65.4	72.3	64.7
124.	19.15	69.1	85.4	64.5	160.	22.15	64.4	73.9	63.3	196.	01.15	66.2	78.5	64.8
125.	19.20	68.0	85.1	64.6	161.	22.20	64.5	79.1	63.4	197.	01.20	66.4	73.6	65.2
126.	19.25	68.0	82.7	64.2	162.	22.25	65.0	74.8	63.6	198.	01.25	66.0	75.3	65.0
127.	19.30	68.2	89.3	63.8	163.	22.30	64.3	66.0	63.8	199.	01.30	65.2	67.6	64.7
128.	19.35	65.1	72.7	62.5	164.	22.35	65.2	73.5	64.3	200.	01.35	65.8	80.4	64.6
129.	19.40	66.8	86.9	63.0	165.	22.40	65.5	77.4	64.7	201.	01.40	65.8	73.9	64.6
130.	19.45	65.0	72.9	63.3	166.	22.45	65.0	70.0	64.0	202.	01.45	64.8	73.1	64.2
131.	19.50	65.7	79.7	63.2	167.	22.50	64.8	66.5	64.3	203.	01.50	64.7	69.0	64.3
132.	19.55	65.2	74.1	63.0	168.	22.55	66.0	81.9	64.1	204.	01.55	65.5	69.2	64.8
133.	20.00	66.2	72.5	63.3	169.	23.00	64.6	67.8	64.2	205.	02.00	64.9	72.5	64.3
134.	20.05	66.2	77.3	64.2	170.	23.05	64.5	66.4	64.0	206.	02.05	64.5	67.8	64.0
135.	20.10	66.2	83.7	64.0	171.	23.10	64.3	66.3	63.5	207.	02.10	64.6	65.8	64.2
136.	20.15	66.6	74.7	64.5	172.	23.15	65.0	67.8	63.5	208.	02.15	64.6	70.3	64.2
137.	20.20	66.8	81.4	65.1	173.	23.20	65.8	78.1	64.1	209.	02.20	64.3	71.0	63.7
138.	20.25	66.8	73.4	66.1	174.	23.25	67.2	79.1	64.7	210.	02.25	65.0	78.6	63.9
139.	20.30	67.5	81.6	66.1	175.	23.30	66.2	74.3	64.4	211.	02.30	65.5	71.8	64.4
140.	20.35	67.2	77.2	65.4	176.	23.35	64.4	65.9	63.9	212.	02.35	65.3	73.2	64.5
141.	20.40	65.6	78.5	64.9	177.	23.40	66.2	80.9	63.9	213.	02.40	64.7	67.5	64.3
142.	20.45	66.7	70.3	65.0	178.	23.45	65.2	78.8	64.1	214.	02.45	64.8	68.0	64.3
143.	20.50	65.5	72.8	65.0	179.	23.50	65.3	74.0	64.5	215.	02.50	64.6	67.7	64.2
144.	20.55	67.0	76.6	65.3	180.	23.55	66.1	80.3	64.7	216.	02.55	64.7	69.7	64.2



Thai Environmental Technic Limited  
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(6/3-3)

ริมรั้วห้องข้างตึก 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))		
		01-02/11/23					01-02/11/23					01-02/11/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
217.	03.00	65.2	70.1	64.4	241.	05.00	67.4	74.9	66.1	265.	07.00	66.6	73.0	65.8
218.	03.05	65.9	75.2	64.7	242.	05.05	66.1	68.9	65.5	266.	07.05	66.8	80.5	65.8
219.	03.10	65.9	72.8	65.0	243.	05.10	66.1	75.5	65.1	267.	07.10	66.5	73.1	65.8
220.	03.15	66.1	71.2	65.2	244.	05.15	65.0	67.5	64.6	268.	07.15	66.2	77.7	65.5
221.	03.20	65.8	68.6	65.2	245.	05.20	65.3	71.5	64.7	269.	07.20	66.7	74.7	65.5
222.	03.25	66.6	73.8	65.3	246.	05.25	67.4	75.3	65.7	270.	07.25	66.3	71.8	65.6
223.	03.30	66.6	74.3	65.4	247.	05.30	68.8	74.7	65.8	271.	07.30	66.8	86.3	65.5
224.	03.35	65.1	66.2	64.6	248.	05.35	65.5	71.6	64.8	272.	07.35	66.0	73.6	65.5
225.	03.40	65.1	66.6	64.6	249.	05.40	66.9	70.8	65.3	273.	07.40	66.0	68.5	65.6
226.	03.45	66.0	75.8	65.1	250.	05.45	66.4	70.8	65.1	274.	07.45	66.2	67.6	65.7
227.	03.50	65.4	66.7	64.9	251.	05.50	66.0	73.6	65.0	275.	07.50	66.5	78.3	65.7
228.	03.55	66.1	76.4	64.8	252.	05.55	66.4	71.3	64.9	276.	07.55	66.7	73.0	65.8
229.	04.00	66.4	75.8	64.8	253.	06.00	65.2	66.8	64.6	277.	08.00	66.9	73.0	65.8
230.	04.05	65.3	71.0	64.8	254.	06.05	65.7	68.2	65.1	278.	08.05	66.2	70.1	65.6
231.	04.10	65.8	76.3	64.9	255.	06.10	65.9	70.5	65.0	279.	08.10	66.7	78.3	65.7
232.	04.15	66.2	72.6	65.2	256.	06.15	66.3	78.8	65.1	280.	08.15	66.4	70.6	65.8
233.	04.20	66.6	74.1	65.2	257.	06.20	65.5	69.4	64.7	281.	08.20	66.4	74.0	65.8
234.	04.25	66.3	74.5	65.2	258.	06.25	65.1	69.9	64.4	282.	08.25	66.5	68.0	66.0
235.	04.30	66.1	74.6	65.1	259.	06.30	65.1	69.0	64.6	283.	08.30	66.7	72.8	66.2
236.	04.35	65.9	77.0	64.8	260.	06.35	65.6	78.0	64.6	284.	08.35	66.7	67.9	66.2
237.	04.40	66.1	76.1	65.3	261.	06.40	67.2	73.6	65.4	285.	08.40	66.6	71.9	65.8
238.	04.45	66.8	76.5	65.7	262.	06.45	67.7	72.9	65.2	286.	08.45	67.6	77.1	66.3
239.	04.50	66.6	70.0	65.9	263.	06.50	66.9	78.1	65.6	287.	08.50	67.6	79.2	66.5
240.	04.55	67.1	73.9	66.0	264.	06.55	67.1	84.9	65.6	288.	08.55	68.4	82.5	66.8



General Manager





# Thai Environmental Technic Limited

## บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP  
 Project : โครงการผลิตขวดทองแดงส่วนขยาย ครั้งที่ 1  
 Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม  
 อำเภอบางปะกง จังหวัดฉะเชิงเทรา 24130  
 Contact : Tel. (038)-573 231-5  
 Job No. : S660063/Oct/1

Report No. : 3454/2023/7-7  
 Report Date : November 14, 2023  
 Sampling Date : October 27-November 3, 2023  
 Type of Sample : Sound Level

(7/1-3)

ริมรั้วห้องข้างตึก 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))		
		02-03/11/23					02-03/11/23					02-03/11/23		
		Leq	Lmax	L90			Leq	Lmax	L90			Leq	Lmax	L90
1.	09.00	69.5	81.5	67.7	37.	12.00	64.5	70.7	63.6	73.	15.00	66.1	76.0	64.9
2.	09.05	69.1	79.7	67.9	38.	12.05	64.7	71.6	63.9	74.	15.05	66.5	82.6	65.2
3.	09.10	69.3	81.6	67.7	39.	12.10	65.3	75.0	64.5	75.	15.10	66.8	76.6	65.5
4.	09.15	70.4	80.9	68.0	40.	12.15	65.8	75.3	64.5	76.	15.15	66.8	73.7	65.9
5.	09.20	70.6	82.0	67.7	41.	12.20	64.7	74.5	64.2	77.	15.20	66.7	76.5	65.7
6.	09.25	69.4	81.5	67.7	42.	12.25	65.0	70.2	64.2	78.	15.25	65.9	71.7	65.3
7.	09.30	69.2	79.8	67.8	43.	12.30	65.2	73.8	64.3	79.	15.30	65.9	71.3	65.1
8.	09.35	69.5	79.6	67.9	44.	12.35	65.8	80.1	64.5	80.	15.35	66.6	80.9	65.3
9.	09.40	69.4	74.7	68.8	45.	12.40	64.7	71.4	64.2	81.	15.40	66.3	76.1	65.6
10.	09.45	70.7	83.6	69.3	46.	12.45	65.5	74.3	64.2	82.	15.45	68.7	80.7	66.4
11.	09.50	66.3	80.7	64.9	47.	12.50	64.7	69.9	64.2	83.	15.50	67.7	85.8	65.7
12.	09.55	66.8	80.4	64.9	48.	12.55	64.8	66.4	64.3	84.	15.55	69.2	77.0	66.3
13.	10.00	68.0	91.7	65.0	49.	13.00	67.3	84.7	64.4	85.	16.00	69.6	77.9	66.8
14.	10.05	68.8	90.6	65.2	50.	13.05	66.6	81.4	64.7	86.	16.05	69.2	77.1	66.7
15.	10.10	68.5	85.3	65.1	51.	13.10	66.7	82.6	65.0	87.	16.10	69.1	80.1	66.8
16.	10.15	67.1	85.3	64.8	52.	13.15	66.6	80.7	65.3	88.	16.15	68.1	79.8	65.3
17.	10.20	65.4	74.1	64.4	53.	13.20	67.1	77.2	65.6	89.	16.20	66.9	80.8	64.9
18.	10.25	65.6	79.9	64.6	54.	13.25	66.6	80.6	65.6	90.	16.25	65.3	68.8	64.7
19.	10.30	65.7	69.9	65.0	55.	13.30	67.4	81.2	65.6	91.	16.30	65.8	77.8	64.9
20.	10.35	65.4	68.0	64.8	56.	13.35	67.1	78.7	65.4	92.	16.35	66.8	82.7	65.1
21.	10.40	66.2	76.2	64.9	57.	13.40	67.5	80.2	65.7	93.	16.40	65.5	69.4	65.0
22.	10.45	66.0	75.2	64.9	58.	13.45	65.9	74.9	65.4	94.	16.45	66.2	81.7	65.1
23.	10.50	65.9	75.7	64.8	59.	13.50	65.7	67.6	65.2	95.	16.50	65.9	67.8	65.4
24.	10.55	66.4	80.5	64.9	60.	13.55	66.9	78.5	65.7	96.	16.55	66.2	69.2	65.4
25.	11.00	66.3	82.4	64.7	61.	14.00	66.6	81.7	65.1	97.	17.00	65.7	71.2	65.1
26.	11.05	66.9	83.3	65.0	62.	14.05	65.6	72.0	64.9	98.	17.05	65.5	74.9	64.9
27.	11.10	68.0	85.3	65.1	63.	14.10	65.3	71.9	64.8	99.	17.10	65.6	76.3	64.7
28.	11.15	68.4	86.7	65.2	64.	14.15	65.3	68.5	64.8	100.	17.15	65.7	76.4	64.5
29.	11.20	67.8	84.2	65.9	65.	14.20	65.5	72.7	64.9	101.	17.20	67.7	90.1	64.4
30.	11.25	67.6	84.3	65.6	66.	14.25	65.5	67.8	65.0	102.	17.25	68.4	88.7	65.0
31.	11.30	67.0	78.4	65.5	67.	14.30	66.0	78.2	65.2	103.	17.30	68.4	88.3	65.0
32.	11.35	66.8	84.9	64.7	68.	14.35	66.3	75.5	65.2	104.	17.35	68.0	88.1	64.8
33.	11.40	65.4	79.2	64.3	69.	14.40	66.6	77.9	65.4	105.	17.40	68.3	85.0	64.9
34.	11.45	65.3	73.9	64.2	70.	14.45	66.4	78.8	65.2	106.	17.45	67.9	85.5	64.8
35.	11.50	64.6	78.9	63.9	71.	14.50	65.6	77.8	64.5	107.	17.50	68.1	83.6	65.0
36.	11.55	65.7	79.6	63.9	72.	14.55	66.0	75.7	64.5	108.	17.55	67.9	84.7	64.9



Thai Environmental Technic Limited  
บริษัท เทคนิกลิ่งแวดล้อมไทย จำกัด

(7/2-3)

ริมรั้วห้องข้างตึก 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))		
		02-03/11/23					02-03/11/23					02-03/11/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
109.	18.00	66.9	83.8	64.6	145.	21.00	65.0	65.8	64.6	181.	00.00	66.1	76.9	64.9
110.	18.05	67.2	81.6	64.5	146.	21.05	65.4	68.7	64.9	182.	00.05	66.2	71.7	65.2
111.	18.10	69.5	91.0	64.6	147.	21.10	65.1	66.7	64.7	183.	00.10	65.5	70.8	64.9
112.	18.15	69.5	89.6	64.2	148.	21.15	65.9	72.0	65.0	184.	00.15	65.2	71.4	64.4
113.	18.20	67.4	83.2	64.6	149.	21.20	65.8	76.1	64.9	185.	00.20	66.8	77.8	64.6
114.	18.25	68.5	86.0	64.3	150.	21.25	65.6	72.9	64.9	186.	00.25	67.4	75.6	65.6
115.	18.30	66.8	84.4	63.6	151.	21.30	65.6	69.8	65.0	187.	00.30	66.7	75.2	65.3
116.	18.35	64.5	84.0	63.0	152.	21.35	66.1	74.2	64.9	188.	00.35	65.6	67.2	65.0
117.	18.40	65.0	70.9	63.7	153.	21.40	68.0	72.9	65.8	189.	00.40	65.4	69.9	64.9
118.	18.45	64.5	69.5	63.7	154.	21.45	68.2	81.8	65.5	190.	00.45	65.1	66.9	64.7
119.	18.50	66.8	73.4	64.1	155.	21.50	65.8	75.3	64.9	191.	00.50	65.7	74.9	64.8
120.	18.55	67.3	71.8	65.4	156.	21.55	65.8	69.9	65.0	192.	00.55	65.4	66.7	65.0
121.	19.00	65.7	71.9	64.8	157.	22.00	66.1	70.7	65.2	193.	01.00	65.8	70.5	65.2
122.	19.05	68.4	78.5	65.4	158.	22.05	66.0	67.5	65.5	194.	01.05	66.5	75.3	65.4
123.	19.10	66.2	74.1	64.9	159.	22.10	66.2	76.9	65.3	195.	01.10	68.1	77.3	66.1
124.	19.15	66.2	78.9	64.8	160.	22.15	66.6	71.4	65.4	196.	01.15	68.0	74.0	65.5
125.	19.20	66.1	76.8	64.6	161.	22.20	68.6	72.8	66.9	197.	01.20	65.5	70.3	65.0
126.	19.25	64.5	74.0	63.9	162.	22.25	67.4	81.1	65.4	198.	01.25	65.6	77.5	64.9
127.	19.30	64.3	65.4	63.9	163.	22.30	67.4	80.5	64.9	199.	01.30	65.2	69.9	64.7
128.	19.35	65.2	68.6	64.5	164.	22.35	66.6	81.7	65.1	200.	01.35	65.2	67.1	64.8
129.	19.40	65.8	70.7	65.0	165.	22.40	66.4	68.4	65.8	201.	01.40	65.2	71.4	64.6
130.	19.45	66.7	73.5	65.0	166.	22.45	67.3	77.8	66.0	202.	01.45	65.3	75.5	64.5
131.	19.50	72.2	75.5	68.1	167.	22.50	67.1	75.0	66.1	203.	01.50	66.4	76.3	64.6
132.	19.55	69.3	75.0	65.6	168.	22.55	67.1	70.1	66.1	204.	01.55	65.9	77.8	64.6
133.	20.00	68.2	76.2	64.9	169.	23.00	66.9	74.3	65.6	205.	02.00	64.9	66.2	64.5
134.	20.05	65.7	74.9	64.6	170.	23.05	65.8	72.5	65.2	206.	02.05	65.5	70.0	64.9
135.	20.10	65.4	75.7	64.6	171.	23.10	65.8	68.3	65.3	207.	02.10	66.2	73.3	65.5
136.	20.15	66.1	73.1	64.9	172.	23.15	65.6	67.0	65.1	208.	02.15	66.8	74.1	65.5
137.	20.20	65.4	73.3	64.4	173.	23.20	65.6	66.7	65.1	209.	02.20	66.1	69.3	65.2
138.	20.25	64.6	65.9	64.2	174.	23.25	65.6	72.2	65.1	210.	02.25	65.6	68.7	65.1
139.	20.30	65.2	70.0	64.4	175.	23.30	67.0	77.4	65.3	211.	02.30	66.0	69.7	65.1
140.	20.35	65.5	73.1	64.3	176.	23.35	66.1	73.0	65.2	212.	02.35	67.2	72.2	65.6
141.	20.40	65.9	75.0	64.8	177.	23.40	65.6	71.4	65.1	213.	02.40	66.8	72.1	65.4
142.	20.45	65.2	70.1	64.7	178.	23.45	66.0	72.6	65.1	214.	02.45	68.0	74.2	65.4
143.	20.50	65.0	66.2	64.6	179.	23.50	66.0	78.4	65.0	215.	02.50	68.2	73.9	65.9
144.	20.55	65.0	65.9	64.6	180.	23.55	65.7	71.6	64.9	216.	02.55	65.7	69.8	65.0

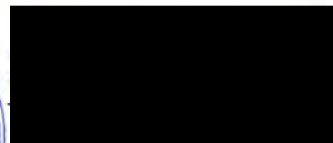


**TET**

**Thai Environmental Technic Limited**  
**บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด**

(7/3-3)

ริมรั้วห้องข้างตึก 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))		
		02-03/11/23					02-03/11/23					02-03/11/23		
		Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>			Leq	Lmax	L <sub>90</sub>
217.	03.00	65.1	66.9	64.6	241.	05.00	67.5	72.4	66.5	265.	07.00	65.6	78.0	64.4
218.	03.05	65.3	70.6	64.7	242.	05.05	66.4	76.1	65.1	266.	07.05	65.6	76.1	64.2
219.	03.10	69.6	76.0	66.6	243.	05.10	65.4	69.4	64.7	267.	07.10	65.0	78.5	64.1
220.	03.15	69.5	75.7	65.9	244.	05.15	65.5	70.8	65.0	268.	07.15	65.4	71.6	64.3
221.	03.20	65.2	69.7	64.5	245.	05.20	65.1	67.0	64.6	269.	07.20	64.8	67.0	64.3
222.	03.25	65.5	72.3	64.6	246.	05.25	66.0	70.9	65.0	270.	07.25	65.2	66.7	64.7
223.	03.30	64.9	67.3	64.4	247.	05.30	67.0	78.4	65.8	271.	07.30	67.9	76.3	65.5
224.	03.35	65.0	66.4	64.5	248.	05.35	66.5	74.2	65.4	272.	07.35	65.1	72.3	64.2
225.	03.40	65.6	67.4	65.0	249.	05.40	66.3	79.1	65.0	273.	07.40	64.8	68.9	64.3
226.	03.45	65.7	68.7	65.2	250.	05.45	65.9	79.0	64.7	274.	07.45	65.3	68.1	64.7
227.	03.50	66.2	73.1	65.3	251.	05.50	65.5	73.2	64.6	275.	07.50	65.6	68.1	64.7
228.	03.55	65.7	71.2	64.9	252.	05.55	65.3	72.0	64.7	276.	07.55	64.8	66.0	64.3
229.	04.00	65.3	67.2	64.8	253.	06.00	67.5	86.3	64.9	277.	08.00	65.5	68.1	64.9
230.	04.05	65.3	66.3	64.9	254.	06.05	66.1	77.1	65.2	278.	08.05	65.7	71.8	64.9
231.	04.10	65.4	66.7	64.9	255.	06.10	65.7	68.8	65.1	279.	08.10	64.6	73.8	64.0
232.	04.15	66.1	72.2	65.1	256.	06.15	65.5	68.8	64.9	280.	08.15	64.5	67.1	64.0
233.	04.20	65.3	66.9	64.5	257.	06.20	65.7	78.8	64.7	281.	08.20	64.8	69.0	64.3
234.	04.25	65.2	68.1	64.6	258.	06.25	65.0	71.1	64.5	282.	08.25	65.6	76.3	64.5
235.	04.30	65.3	72.7	64.6	259.	06.30	65.2	76.3	64.5	283.	08.30	65.8	74.3	64.5
236.	04.35	66.5	81.0	64.6	260.	06.35	65.1	74.7	63.9	284.	08.35	65.4	73.5	64.6
237.	04.40	65.0	71.1	64.5	261.	06.40	66.1	82.0	64.6	285.	08.40	66.0	72.5	64.7
238.	04.45	65.3	74.3	64.6	262.	06.45	65.9	74.1	64.9	286.	08.45	67.1	72.6	65.2
239.	04.50	65.5	70.1	64.9	263.	06.50	65.0	66.7	64.5	287.	08.50	66.6	70.6	64.9
240.	04.55	66.1	77.5	65.1	264.	06.55	64.8	67.6	64.3	288.	08.55	65.0	72.8	64.4



General Manager



## TEST REPORT

Customer Name : บริษัท ไทยเมทัลโปรดักส์ จำกัด/TMP  
Project : โครงการผลิตขวดทองแดงส่วนขยาย ครั้งที่ 1  
Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม  
อำเภอบางปะกง จังหวัดฉะเชิงเทรา 24130  
Contact : Tel. (038) 573 231-5  
Job No. : S660063/Nov/1

Report No. : 2023/1-35  
Report Date : November 17, 2023  
Sampling Date : October 27-November 3  
& November 11-12, 2023  
Type of Sample : เสียงรบกวน

(1/1-3)

Item	Time	Result (dB(A))				
		ริมรั้วด้านหน้าโรงงาน				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีกรรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L <sub>90</sub> )	ค่าระดับการรบกวน
		27-28/10/23	11-12/11/23	-	11-12/11/23	-
1.	09.00-10.00	57.6	52.3	56.1	45.6	10.5
2.	10.00-11.00	59.3	52.5	58.3	42.7	15.6
3.	11.00-12.00	57.6	52.0	56.2	42.4	13.8
4.	12.00-13.00	58.6	50.7	57.8	46.2	11.6
5.	13.00-14.00	59.1	48.2	58.7	45.5	13.2
6.	14.00-15.00	59.5	49.6	59.0	45.0	14.0
7.	15.00-16.00	60.5	48.9	60.2	45.3	14.9
8.	16.00-17.00	59.9	47.9	59.6	44.7	14.9
9.	17.00-18.00	59.8	47.5	59.5	41.7	17.8
10.	18.00-19.00	60.6	49.7	60.2	45.2	15.0
11.	19.00-20.00	56.0	50.2	54.7	42.8	11.9
12.	20.00-21.00	55.4	50.0	53.9	43.0	10.9
13.	21.00-22.00	55.4	50.8	53.6	45.7	7.9
14.	22.00-22.05	56.0	44.6	58.7	40.6	18.1
	22.05-22.10	49.3	49.1	38.8	45.3	-6.5
	22.10-22.15	50.0	47.8	49.0	45.4	3.6
	22.15-22.20	53.8	48.6	55.2	45.1	10.1
	22.20-22.25	54.7	47.6	56.8	44.8	12.0
	22.25-22.30	50.9	48.8	49.7	45.5	4.2
	22.30-22.35	48.9	52.4	48.9	45.3	3.6
	22.35-22.40	53.0	51.1	51.5	44.1	7.4
	22.40-22.45	54.1	47.9	55.9	44.2	11.7
	22.45-22.50	51.5	48.3	51.7	44.2	7.5
	22.50-22.55	50.0	48.5	47.7	42.3	5.4
	22.55-23.00	51.2	48.2	51.2	42.9	8.3
15.	23.00-23.05	49.9	48.8	46.4	42.8	3.6
	23.05-23.10	50.4	49.7	45.1	42.5	2.6
	23.10-23.15	49.5	48.4	46.0	45.1	0.9
	23.15-23.20	48.9	49.4	48.9	44.5	4.4
	23.20-23.25	49.7	45.5	50.6	41.0	9.6
	23.25-23.30	53.4	50.4	53.4	46.1	7.3
	23.30-23.35	49.7	46.4	50.0	44.3	5.7
	23.35-23.40	50.7	46.0	51.9	44.5	7.4
	23.40-23.45	59.6	47.2	62.3	44.6	17.7
	23.45-23.50	51.9	45.2	53.9	44.4	9.5
	23.50-23.55	53.6	45.9	55.8	44.3	11.5
	23.55-00.00	51.1	47.1	51.9	44.2	7.7
Standard <sup>(1)(2)</sup>						10

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



**TET**

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**

(1/2-3)

Item	Time	Result (dB(A))				
		ริมรั้วด้านหน้าโรงงาน				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L <sub>90</sub> )	ค่าระดับการรบกวน
		27-28/10/23	11-12/11/23	-	11-12/11/23	-
16.	00.00-00.05	57.0	45.3	59.7	44.3	15.4
	00.05-00.10	47.5	48.0	47.5	44.3	3.2
	00.10-00.15	48.3	46.2	47.1	44.0	3.1
	00.15-00.20	53.7	47.3	55.6	45.2	10.4
	00.20-00.25	49.0	44.9	49.9	43.8	6.1
	00.25-00.30	49.8	44.9	51.1	43.3	7.8
	00.30-00.35	51.0	45.0	52.7	43.4	9.3
	00.35-00.40	48.5	47.4	45.0	44.5	0.5
	00.40-00.45	50.1	48.0	48.9	44.5	4.4
	00.45-00.50	48.5	45.4	48.6	44.2	4.4
17.	00.50-00.55	49.6	48.0	47.5	44.4	3.1
	00.55-01.00	60.1	44.7	63.0	43.5	19.5
	01.00-01.05	47.6	44.9	47.3	43.0	4.3
	01.05-01.10	47.3	48.9	47.3	44.9	2.4
	01.10-01.15	52.2	48.9	52.5	42.8	9.7
	01.15-01.20	53.5	45.0	55.8	43.4	12.4
	01.20-01.25	53.1	51.2	51.6	42.9	8.7
	01.25-01.30	48.6	51.9	48.6	44.5	4.1
	01.30-01.35	49.1	52.9	49.1	44.2	4.9
	01.35-01.40	47.5	46.3	44.3	43.6	0.7
18.	01.40-01.45	46.6	46.8	46.6	43.4	3.2
	01.45-01.50	45.2	48.1	45.2	44.1	1.1
	01.50-01.55	48.1	46.2	46.6	44.1	2.5
	01.55-02.00	50.9	45.4	52.5	44.4	8.1
	02.00-02.05	50.5	47.8	50.2	43.8	6.4
	02.05-02.10	46.1	48.9	46.1	45.3	0.8
	02.10-02.15	53.2	45.9	55.3	44.2	11.1
	02.15-02.20	47.4	53.2	47.4	49.5	-2.1
	02.20-02.25	48.3	47.1	45.1	44.1	1.0
	02.25-02.30	45.4	47.7	45.4	44.2	1.2
19.	02.30-02.35	46.1	47.0	46.1	43.6	2.5
	02.35-02.40	51.5	44.8	53.5	43.5	10.0
	02.40-02.45	49.9	45.1	51.2	44.2	7.0
	02.45-02.50	46.2	49.0	46.2	44.2	2.0
	02.50-02.55	46.5	47.9	46.5	44.5	2.0
	02.55-03.00	48.2	48.6	48.2	44.8	3.4
	03.00-03.05	51.0	47.6	51.3	45.6	5.7
	03.05-03.10	48.6	48.6	48.6	45.4	3.2
	03.10-03.15	46.5	48.1	46.5	44.2	2.3
	03.15-03.20	46.7	44.6	45.5	43.4	2.1
	03.20-03.25	50.3	46.5	51.0	43.5	7.5
	03.25-03.30	48.4	51.6	48.4	46.6	1.8
	03.30-03.35	48.7	46.5	47.7	44.2	3.5
	03.35-03.40	45.8	50.2	45.8	43.2	2.6
	03.40-03.45	49.7	47.4	48.8	40.5	8.3
	03.45-03.50	47.8	49.8	47.8	44.6	3.2
	03.50-03.55	49.1	47.6	46.8	44.8	2.0
	03.55-04.00	47.3	50.7	47.3	45.5	1.8
Standard <sup>(1)(2)</sup>						10

● REPORTED RESULTS REFER TO SUBMITTED SAMPLE(S) ONLY

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



## TEST REPORT

(1/3-3)

Item	Time	Result (dB(A))				
		ริมรั้วด้านหน้าโรงงาน				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L <sub>90</sub> )	ค่าระดับการรบกวน
		27-28/10/23	11-12/11/23	-	11-12/11/23	-
20.	04.00-04.05	49.6	48.4	46.4	45.1	1.3
	04.05-04.10	49.3	52.6	49.3	46.7	2.6
	04.10-04.15	47.2	55.2	47.2	45.7	1.5
	04.15-04.20	49.6	50.5	49.6	44.9	4.7
	04.20-04.25	49.6	48.2	47.0	44.2	2.8
	04.25-04.30	48.0	47.6	40.4	44.7	-4.3
	04.30-04.35	47.8	50.6	47.8	45.5	2.3
	04.35-04.40	51.4	49.9	49.1	44.4	4.7
	04.40-04.45	47.2	47.7	47.2	44.2	3.0
	04.45-04.50	50.2	45.0	51.6	41.2	10.4
21.	04.50-04.55	52.0	46.0	53.7	40.7	13.0
	04.55-05.00	50.4	46.2	51.3	40.4	10.9
	05.00-05.05	53.5	46.0	55.6	40.4	15.2
	05.05-05.10	52.8	48.4	53.8	41.3	12.5
	05.10-05.15	51.9	52.2	51.9	40.6	11.3
	05.15-05.20	53.0	48.7	54.0	40.6	13.4
	05.20-05.25	53.6	49.3	54.6	42.4	12.2
	05.25-05.30	53.8	47.7	55.6	42.6	13.0
	05.30-05.35	53.8	49.6	54.7	44.6	10.1
	05.35-05.40	53.0	50.7	52.1	44.2	7.9
22.	05.40-05.45	54.3	51.8	53.7	44.2	9.5
	05.45-05.50	53.1	50.9	52.1	43.7	8.4
	05.50-05.55	55.1	47.7	57.2	43.9	13.3
	05.55-06.00	53.8	50.5	54.1	44.4	9.7
	06.00-07.00	57.8	50.1	57.0	43.9	13.1
	07.00-08.00	59.6	49.1	59.2	43.7	15.5
	08.00-09.00	56.7	49.3	55.8	43.1	12.7
Standard <sup>(1)(2)</sup>						10

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

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



  
 General Manager

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





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 ไทยเมทัลโพรเซสซิง จำกัด/TMP

Report No. : 2023/2-35

Project : โครงการผลิตลวดทองแดงส่วนขยาย ครั้งที่ 1

Report Date : November 17, 2023

Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม  
อำเภอบางปะกง จังหวัดฉะเชิงเทรา 24130

Sampling Date : October 27-November 3  
& November 11-12, 2023

Contact : Tel. (038) 573 231-5

Type of Sample : เสียงรบกวน

Job No. : S660063/Nov/1

(2/1-3)

Item	Time	Result (dB(A))				
		ริมรั้วด้านหน้าโรงงาน				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L <sub>90</sub> )	ค่าระดับการรบกวน
		28-29/10/23	11-12/11/23	-	11-12/11/23	-
1.	09.00-10.00	57.3	52.3	55.6	45.6	10.0
2.	10.00-11.00	56.6	52.5	54.5	42.7	11.8
3.	11.00-12.00	55.6	52.0	53.1	42.4	10.7
4.	12.00-13.00	58.7	50.7	58.0	46.2	11.8
5.	13.00-14.00	56.1	48.2	55.3	45.5	9.8
6.	14.00-15.00	57.1	49.6	56.2	45.0	11.2
7.	15.00-16.00	56.6	48.9	55.8	45.3	10.5
8.	16.00-17.00	56.9	47.9	56.3	44.7	11.6
9.	17.00-18.00	57.0	47.5	56.5	41.7	14.8
10.	18.00-19.00	59.1	49.7	58.6	45.2	13.4
11.	19.00-20.00	57.7	50.2	56.8	42.8	14.0
12.	20.00-21.00	54.0	50.0	51.8	43.0	8.8
13.	21.00-22.00	54.2	50.8	51.5	45.7	5.8
14.	22.00-22.05	51.4	44.6	53.4	40.6	12.8
	22.05-22.10	51.6	49.1	51.0	45.3	5.7
	22.10-22.15	52.4	47.8	53.6	45.4	8.2
	22.15-22.20	51.8	48.6	52.0	45.1	6.9
	22.20-22.25	50.3	47.6	50.0	44.8	5.2
	22.25-22.30	49.5	48.8	44.2	45.5	-1.3
	22.30-22.35	55.9	52.4	56.3	45.3	11.0
	22.35-22.40	53.7	51.1	53.2	44.1	9.1
	22.40-22.45	58.2	47.9	60.8	44.2	16.6
	22.45-22.50	50.2	48.3	48.7	44.2	4.5
	22.50-22.55	52.2	48.5	52.8	42.3	10.5
	22.55-23.00	50.1	48.2	48.6	42.9	5.7
15.	23.00-23.05	56.1	48.8	58.2	42.8	15.4
	23.05-23.10	52.5	49.7	52.3	42.5	9.8
	23.10-23.15	53.2	48.4	54.5	45.1	9.4
	23.15-23.20	53.7	49.4	54.7	44.5	10.2
	23.20-23.25	51.6	45.5	53.4	41.0	12.4
	23.25-23.30	54.1	50.4	54.7	46.1	8.6
	23.30-23.35	51.4	46.4	52.7	44.3	8.4
	23.35-23.40	51.5	46.0	53.1	44.5	8.6
	23.40-23.45	53.2	47.2	54.9	44.6	10.3
	23.45-23.50	51.5	45.2	53.3	44.4	8.9
	23.50-23.55	51.6	45.9	53.2	44.3	8.9
	23.55-00.00	52.1	47.1	53.4	44.2	9.2
Standard <sup>(1)(2)</sup>						10

• REPORTED RESULTS REFER TO SUBMITTED SAMPLE(S) ONLY

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



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

(2/2-3)

Item	Time	Result (dB(A))				
		ริมรั้วด้านหน้าโรงงาน				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L <sub>90</sub> )	ค่าระดับการรบกวน
		28-29/10/23	11-12/11/23	-	11-12/11/23	-
16.	00.00-00.05	52.5	45.3	54.6	44.3	10.3
	00.05-00.10	52.3	48.0	53.3	44.3	9.0
	00.10-00.15	53.2	46.2	55.2	44.0	11.2
	00.15-00.20	52.0	47.3	53.2	45.2	8.0
	00.20-00.25	53.0	44.9	55.3	43.8	11.5
	00.25-00.30	51.9	44.9	53.9	43.3	10.6
	00.30-00.35	54.5	45.0	57.0	43.4	13.6
	00.35-00.40	52.1	47.4	53.3	44.5	8.8
	00.40-00.45	51.6	48.0	52.1	44.5	7.6
	00.45-00.50	52.2	45.4	54.2	44.2	10.0
17.	00.50-00.55	52.2	48.0	53.1	44.4	8.7
	00.55-01.00	51.9	44.7	54.0	43.5	10.5
	01.00-01.05	51.8	44.9	53.8	43.0	10.8
	01.05-01.10	52.4	48.9	52.8	44.9	7.9
	01.10-01.15	51.4	48.9	50.8	42.8	8.0
	01.15-01.20	51.1	45.0	52.9	43.4	9.5
	01.20-01.25	51.1	51.2	51.1	42.9	8.2
	01.25-01.30	50.8	51.9	50.8	44.5	6.3
	01.30-01.35	53.1	52.9	42.6	44.2	-1.6
	01.35-01.40	51.6	46.3	53.1	43.6	9.5
18.	01.40-01.45	51.8	46.8	53.1	43.4	9.7
	01.45-01.50	50.2	48.1	49.0	44.1	4.9
	01.50-01.55	50.1	46.2	50.8	44.1	6.7
	01.55-02.00	49.8	45.4	50.8	44.4	6.4
	02.00-02.05	50.9	47.8	51.0	43.8	7.2
	02.05-02.10	50.5	48.9	48.4	45.3	3.1
	02.10-02.15	50.0	45.9	50.9	44.2	6.7
	02.15-02.20	50.0	53.2	50.0	49.5	0.5
	02.20-02.25	51.1	47.1	51.9	44.1	7.8
	02.25-02.30	50.8	47.7	50.9	44.2	6.7
19.	02.30-02.35	49.2	47.0	48.2	43.6	4.6
	02.35-02.40	49.7	44.8	51.0	43.5	7.5
	02.40-02.45	50.6	45.1	52.2	44.2	8.0
	02.45-02.50	50.2	49.0	47.0	44.2	2.8
	02.50-02.55	49.2	47.9	46.3	44.5	1.8
	02.55-03.00	48.9	48.6	40.1	44.8	-4.7
	03.00-03.05	48.9	47.6	46.0	45.6	0.4
	03.05-03.10	49.8	48.6	46.6	45.4	1.2
	03.10-03.15	48.8	48.1	43.5	44.2	-0.7
	03.15-03.20	49.3	44.6	50.5	43.4	7.1
	03.20-03.25	48.7	46.5	47.7	43.5	4.2
	03.25-03.30	49.4	51.6	49.4	46.6	2.8
	03.30-03.35	49.1	46.5	48.6	44.2	4.4
	03.35-03.40	49.0	50.2	49.0	43.2	5.8
	03.40-03.45	56.4	47.4	58.8	40.5	18.3
	03.45-03.50	49.2	49.8	49.2	44.6	4.6
	03.50-03.55	48.7	47.6	45.2	44.8	0.4
	03.55-04.00	51.4	50.7	46.1	45.5	0.6
Standard <sup>(1)(2)</sup>						10

● REPORTED RESULTS REFER TO SUBMITTED SAMPLE(S) ONLY

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





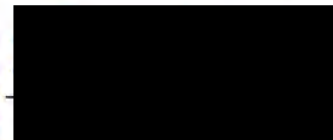
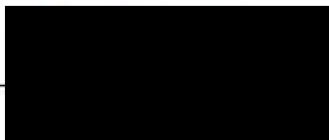
## TEST REPORT

(2/3-3)

Item	Time	Result (dB(A))				
		ริมรั้วด้านหน้าโรงงาน				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L <sub>90</sub> )	ค่าระดับการรบกวน
		28-29/10/23	11-12/11/23	-	11-12/11/23	-
20.	04.00-04.05	48.8	48.4	41.2	45.1	-3.9
	04.05-04.10	48.6	52.6	48.6	46.7	1.9
	04.10-04.15	50.3	55.2	50.3	45.7	4.6
	04.15-04.20	48.5	50.5	48.5	44.9	3.6
	04.20-04.25	48.6	48.2	41.0	44.2	-3.2
	04.25-04.30	49.4	47.6	47.7	44.7	3.0
	04.30-04.35	48.6	50.6	48.6	45.5	3.1
	04.35-04.40	49.5	49.9	49.5	44.4	5.1
	04.40-04.45	48.6	47.7	44.3	44.2	0.1
	04.45-04.50	47.6	45.0	47.1	41.2	5.9
21.	04.50-04.55	47.3	46.0	44.4	40.7	3.7
	04.55-05.00	47.3	46.2	43.8	40.4	3.4
	05.00-05.05	46.9	46.0	42.6	40.4	2.2
	05.05-05.10	47.9	48.4	47.9	41.3	6.6
	05.10-05.15	47.4	52.2	47.4	40.6	6.8
	05.15-05.20	49.0	48.7	40.2	40.6	-0.4
	05.20-05.25	48.3	49.3	48.3	42.4	5.9
	05.25-05.30	49.5	47.7	47.8	42.6	5.2
	05.30-05.35	48.6	49.6	48.6	44.6	4.0
	05.35-05.40	48.0	50.7	48.0	44.2	3.8
22.	05.40-05.45	48.6	51.8	48.6	44.2	4.4
	05.45-05.50	48.2	50.9	48.2	43.7	4.5
	05.50-05.55	49.8	47.7	48.6	43.9	4.7
	05.55-06.00	48.7	50.5	48.7	44.4	4.3
	06.00-07.00	47.9	50.1	47.9	43.9	4.0
	07.00-08.00	55.4	49.1	54.2	43.7	10.5
	08.00-09.00	57.8	49.3	57.1	43.1	14.0
Standard <sup>(1)(2)</sup>						10

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

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



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 ไทยเมทัลโพรเซสซิง จำกัด/TMP

Report No. : 2023/3-35

Project : โครงการผลิตลวดทองแดงส่วนขยาย ครั้งที่ 1

Report Date : November 17, 2023

Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม  
อำเภอบางปะกง จังหวัดฉะเชิงเทรา 24130

Sampling Date : October 27-November 3  
& November 11-12, 2023

Contact : Tel. (038) 573 231-5

Type of Sample : เสียงรบกวน

Job No. : S660063/Nov/1

(3/1-3)

Item	Time	Result (dB(A))				
		ริมรั้วด้านหน้าโรงงาน				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L <sub>90</sub> )	ค่าระดับการรบกวน
		29-30/10/23	11-12/11/23	-	11-12/11/23	-
1.	09.00-10.00	56.3	52.3	54.1	45.6	8.5
2.	10.00-11.00	58.8	52.5	57.6	42.7	14.9
3.	11.00-12.00	56.9	52.0	55.2	42.4	12.8
4.	12.00-13.00	56.9	50.7	55.7	46.2	9.5
5.	13.00-14.00	56.2	48.2	55.5	45.5	10.0
6.	14.00-15.00	56.8	49.6	55.9	45.0	10.9
7.	15.00-16.00	56.1	48.9	55.2	45.3	9.9
8.	16.00-17.00	57.2	47.9	56.7	44.7	12.0
9.	17.00-18.00	59.6	47.5	59.3	41.7	17.6
10.	18.00-19.00	57.5	49.7	56.7	45.2	11.5
11.	19.00-20.00	57.7	50.2	56.8	42.8	14.0
12.	20.00-21.00	54.5	50.0	52.6	43.0	9.6
13.	21.00-22.00	51.5	50.8	43.2	45.7	-2.5
14.	22.00-22.05	50.2	44.6	51.8	40.6	11.2
	22.05-22.10	51.1	49.1	49.8	45.3	4.5
	22.10-22.15	50.3	47.8	49.7	45.4	4.3
	22.15-22.20	50.0	48.6	47.4	45.1	2.3
	22.20-22.25	51.6	47.6	52.4	44.8	7.6
	22.25-22.30	50.6	48.8	48.9	45.5	3.4
	22.30-22.35	50.1	52.4	50.1	45.3	4.8
	22.35-22.40	49.9	51.1	49.9	44.1	5.8
	22.40-22.45	49.2	47.9	46.3	44.2	2.1
	22.45-22.50	49.1	48.3	44.4	44.2	0.2
	22.50-22.55	48.9	48.5	41.3	42.3	-1.0
	22.55-23.00	52.5	48.2	53.5	42.9	10.6
15.	23.00-23.05	50.4	48.8	48.3	42.8	5.5
	23.05-23.10	49.9	49.7	39.4	42.5	-3.1
	23.10-23.15	50.9	48.4	50.3	45.1	5.2
	23.15-23.20	51.0	49.4	48.9	44.5	4.4
	23.20-23.25	49.5	45.5	50.3	41.0	9.3
	23.25-23.30	49.8	50.4	49.8	46.1	3.7
	23.30-23.35	49.3	46.4	49.2	44.3	4.9
	23.35-23.40	50.2	46.0	51.1	44.5	6.6
	23.40-23.45	52.2	47.2	53.5	44.6	8.9
	23.45-23.50	52.9	45.2	55.1	44.4	10.7
	23.50-23.55	49.3	45.9	49.6	44.3	5.3
	23.55-00.00	49.8	47.1	49.5	44.2	5.3
Standard <sup>(1)(2)</sup>						10





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

(3/2-3)

Item	Time	Result (dB(A))				
		ริมรั้วด้านหน้าโรงงาน				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L <sub>90</sub> )	ค่าระดับการรบกวน
		29-30/10/23	11-12/11/23	-	11-12/11/23	-
16.	00.00-00.05	51.0	45.3	52.6	44.3	8.3
	00.05-00.10	54.0	48.0	55.7	44.3	11.4
	00.10-00.15	49.8	46.2	50.3	44.0	6.3
	00.15-00.20	50.2	47.3	50.1	45.2	4.9
	00.20-00.25	51.5	44.9	53.4	43.8	9.6
	00.25-00.30	51.3	44.9	53.2	43.3	9.9
	00.30-00.35	50.3	45.0	51.8	43.4	8.4
	00.35-00.40	50.4	47.4	50.4	44.5	5.9
	00.40-00.45	50.1	48.0	48.9	44.5	4.4
	00.45-00.50	50.2	45.4	51.5	44.2	7.3
17.	00.50-00.55	50.2	48.0	49.2	44.4	4.8
	00.55-01.00	50.3	44.7	51.9	43.5	8.4
	01.00-01.05	50.4	44.9	52.0	43.0	9.0
	01.05-01.10	50.1	48.9	46.9	44.9	2.0
	01.10-01.15	62.0	48.9	64.8	42.8	22.0
	01.15-01.20	51.1	45.0	52.9	43.4	9.5
	01.20-01.25	50.1	51.2	50.1	42.9	7.2
	01.25-01.30	50.8	51.9	50.8	44.5	6.3
	01.30-01.35	49.4	52.9	49.4	44.2	5.2
	01.35-01.40	48.6	46.3	47.7	43.6	4.1
18.	01.40-01.45	56.7	46.8	59.2	43.4	15.8
	01.45-01.50	48.7	48.1	42.8	44.1	-1.3
	01.50-01.55	48.5	46.2	47.6	44.1	3.5
	01.55-02.00	49.4	45.4	50.2	44.4	5.8
	02.00-02.05	50.3	47.8	49.7	43.8	5.9
	02.05-02.10	49.9	48.9	46.0	45.3	0.7
	02.10-02.15	49.0	45.9	49.1	44.2	4.9
	02.15-02.20	49.8	53.2	49.8	49.5	0.3
	02.20-02.25	48.5	47.1	45.9	44.1	1.8
	02.25-02.30	48.3	47.7	42.4	44.2	-1.8
19.	02.30-02.35	49.0	47.0	47.7	43.6	4.1
	02.35-02.40	49.6	44.8	50.9	43.5	7.4
	02.40-02.45	49.6	45.1	50.7	44.2	6.5
	02.45-02.50	50.5	49.0	48.2	44.2	4.0
	02.50-02.55	48.1	47.9	37.6	44.5	-6.9
	02.55-03.00	48.3	48.6	48.3	44.8	3.5
	03.00-03.05	49.3	47.6	47.4	45.6	1.8
	03.05-03.10	49.4	48.6	44.7	45.4	-0.7
	03.10-03.15	49.7	48.1	47.6	44.2	3.4
	03.15-03.20	48.5	44.6	49.2	43.4	5.8
	03.20-03.25	48.3	46.5	46.6	43.5	3.1
	03.25-03.30	48.0	51.6	48.0	46.6	1.4
	03.30-03.35	47.2	46.5	41.9	44.2	-2.3
	03.35-03.40	50.0	50.2	50.0	43.2	6.8
	03.40-03.45	50.5	47.4	50.6	40.5	10.1
	03.45-03.50	48.4	49.8	48.4	44.6	3.8
	03.50-03.55	47.6	47.6	47.6	44.8	2.8
	03.55-04.00	47.6	50.7	47.6	45.5	2.1
Standard <sup>(1)(2)</sup>						10

● REPORTED RESULTS REFER TO SUBMITTED SAMPLE(S) ONLY

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



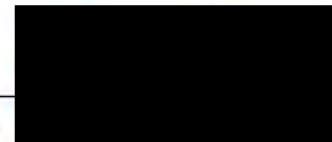
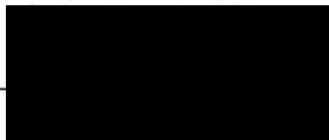
## TEST REPORT

(3/3-3)

Item	Time	Result (dB(A))				
		ริมรั้วด้านหน้าโรงงาน				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L <sub>90</sub> )	ค่าระดับการรบกวน
		29-30/10/23	11-12/11/23	-	11-12/11/23	-
20.	04.00-04.05	47.4	48.4	47.4	45.1	2.3
	04.05-04.10	48.0	52.6	48.0	46.7	1.3
	04.10-04.15	49.3	55.2	49.3	45.7	3.6
	04.15-04.20	47.5	50.5	47.5	44.9	2.6
	04.20-04.25	48.2	48.2	48.2	44.2	4.0
	04.25-04.30	47.9	47.6	39.1	44.7	-5.6
	04.30-04.35	47.8	50.6	47.8	45.5	2.3
	04.35-04.40	48.6	49.9	48.6	44.4	4.2
	04.40-04.45	53.2	47.7	54.8	44.2	10.6
	04.45-04.50	51.9	45.0	53.9	41.2	12.7
21.	04.50-04.55	49.2	46.0	49.4	40.7	8.7
	04.55-05.00	48.8	46.2	48.3	40.4	7.9
	05.00-05.05	52.6	46.0	54.5	40.4	14.1
	05.05-05.10	53.8	48.4	55.3	41.3	14.0
	05.10-05.15	55.1	52.2	55.0	40.6	14.4
	05.15-05.20	52.1	48.7	52.4	40.6	11.8
	05.20-05.25	52.3	49.3	52.3	42.4	9.9
	05.25-05.30	52.1	47.7	53.1	42.6	10.5
	05.30-05.35	53.5	49.6	54.2	44.6	9.6
	05.35-05.40	54.1	50.7	54.4	44.2	10.2
22.	05.40-05.45	52.9	51.8	49.4	44.2	5.2
	05.45-05.50	51.9	50.9	48.0	43.7	4.3
	05.50-05.55	50.0	47.7	49.1	43.9	5.2
	05.55-06.00	55.9	50.5	57.4	44.4	13.0
	06.00-07.00	60.2	50.1	59.8	43.9	15.9
	07.00-08.00	57.2	49.1	56.5	43.7	12.8
	08.00-09.00	57.1	49.3	56.3	43.1	13.2
Standard <sup>(1)(2)</sup>						10

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

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



General Manager

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





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 ไทยเมทัลโพรเซสซิง จำกัด/TMP

Report No. : 2023/4-35

Project : โครงการผลิตลวดทองแดงส่วนขยาย ครั้งที่ 1

Report Date : November 17, 2023

Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม  
อำเภอบางปะกง จังหวัดฉะเชิงเทรา 24130

Sampling Date : October 27-November 3  
& November 11-12, 2023

Contact : Tel. (038) 573 231-5

Type of Sample : เสียงรบกวน

Job No. : S660063/Nov/1

(4/1-3)

Item	Time	Result (dB(A))				
		ริมรั้วด้านหน้าโรงงาน				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L <sub>90</sub> )	ค่าระดับการรบกวน
		30-31/10/23	11-12/11/23	-	11-12/11/23	-
1.	09.00-10.00	60.7	52.3	60.0	45.6	14.4
2.	10.00-11.00	59.6	52.5	58.7	42.7	16.0
3.	11.00-12.00	55.0	52.0	52.0	42.4	9.6
4.	12.00-13.00	58.3	50.7	57.5	46.2	11.3
5.	13.00-14.00	55.5	48.2	54.6	45.5	9.1
6.	14.00-15.00	55.0	49.6	53.5	45.0	8.5
7.	15.00-16.00	58.0	48.9	57.4	45.3	12.1
8.	16.00-17.00	61.5	47.9	61.3	44.7	16.6
9.	17.00-18.00	57.5	47.5	57.0	41.7	15.3
10.	18.00-19.00	60.3	49.7	59.9	45.2	14.7
11.	19.00-20.00	58.0	50.2	57.2	42.8	14.4
12.	20.00-21.00	54.7	50.0	52.9	43.0	9.9
13.	21.00-22.00	53.2	50.8	49.5	45.7	3.8
14.	22.00-22.05	52.3	44.6	54.5	40.6	13.9
	22.05-22.10	51.2	49.1	50.0	45.3	4.7
	22.10-22.15	51.7	47.8	52.4	45.4	7.0
	22.15-22.20	53.1	48.6	54.2	45.1	9.1
	22.20-22.25	50.9	47.6	51.2	44.8	6.4
	22.25-22.30	51.6	48.8	51.4	45.5	5.9
	22.30-22.35	52.0	52.4	52.0	45.3	6.7
	22.35-22.40	52.1	51.1	48.2	44.1	4.1
	22.40-22.45	53.1	47.9	54.5	44.2	10.3
	22.45-22.50	53.2	48.3	54.5	44.2	10.3
	22.50-22.55	51.9	48.5	52.2	42.3	9.9
	22.55-23.00	61.8	48.2	64.6	42.9	21.7
15.	23.00-23.05	52.6	48.8	53.3	42.8	10.5
	23.05-23.10	50.8	49.7	47.3	42.5	4.8
	23.10-23.15	51.7	48.4	52.0	45.1	6.9
	23.15-23.20	51.7	49.4	50.8	44.5	6.3
	23.20-23.25	53.1	45.5	55.3	41.0	14.3
	23.25-23.30	51.1	50.4	45.8	46.1	-0.3
	23.30-23.35	51.6	46.4	53.0	44.3	8.7
	23.35-23.40	51.5	46.0	53.1	44.5	8.6
	23.40-23.45	51.6	47.2	52.6	44.6	8.0
	23.45-23.50	51.4	45.2	53.2	44.4	8.8
	23.50-23.55	51.1	45.9	52.5	44.3	8.2
	23.55-00.00	50.3	47.1	50.5	44.2	6.3
Standard <sup>(1)(2)</sup>						10

● REPORTED RESULTS REFER TO SUBMITTED SAMPLE(S) ONLY

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



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

(4/2-3)

Item	Time	Result (dB(A))				
		ริมรั้วด้านหน้าโรงงาน				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L <sub>90</sub> )	ค่าระดับการรบกวน
		30-31/10/23	11-12/11/23	-	11-12/11/23	-
16.	00.00-00.05	51.3	45.3	53.0	44.3	8.7
	00.05-00.10	51.4	48.0	51.7	44.3	7.4
	00.10-00.15	51.5	46.2	53.0	44.0	9.0
	00.15-00.20	52.4	47.3	53.8	45.2	8.6
	00.20-00.25	51.5	44.9	53.4	43.8	9.6
	00.25-00.30	51.2	44.9	53.0	43.3	9.7
	00.30-00.35	50.4	45.0	51.9	43.4	8.5
	00.35-00.40	51.2	47.4	51.9	44.5	7.4
	00.40-00.45	50.0	48.0	48.7	44.5	4.2
	00.45-00.50	50.0	45.4	51.2	44.2	7.0
17.	00.50-00.55	50.1	48.0	48.9	44.4	4.5
	00.55-01.00	49.9	44.7	51.3	43.5	7.8
	01.00-01.05	50.6	44.9	52.2	43.0	9.2
	01.05-01.10	49.5	48.9	43.6	44.9	-1.3
	01.10-01.15	49.6	48.9	44.3	42.8	1.5
	01.15-01.20	49.8	45.0	51.1	43.4	7.7
	01.20-01.25	47.8	51.2	47.8	42.9	4.9
	01.25-01.30	47.1	51.9	47.1	44.5	2.6
	01.30-01.35	46.5	52.9	46.5	44.2	2.3
	01.35-01.40	46.5	46.3	36.0	43.6	-7.6
18.	01.40-01.45	51.9	46.8	53.3	43.4	9.9
	01.45-01.50	47.4	48.1	47.4	44.1	3.3
	01.50-01.55	46.9	46.2	41.6	44.1	-2.5
	01.55-02.00	46.9	45.4	44.6	44.4	0.2
	02.00-02.05	45.4	47.8	45.4	43.8	1.6
	02.05-02.10	46.2	48.9	46.2	45.3	0.9
	02.10-02.15	45.7	45.9	45.7	44.2	1.5
	02.15-02.20	50.1	53.2	50.1	49.5	0.6
	02.20-02.25	47.2	47.1	33.8	44.1	-10.3
	02.25-02.30	46.9	47.7	46.9	44.2	2.7
19.	02.30-02.35	50.2	47.0	50.4	43.6	6.8
	02.35-02.40	47.8	44.8	47.8	43.5	4.3
	02.40-02.45	49.6	45.1	50.7	44.2	6.5
	02.45-02.50	47.5	49.0	47.5	44.2	3.3
	02.50-02.55	49.8	47.9	48.3	44.5	3.8
	02.55-03.00	46.9	48.6	46.9	44.8	2.1
	03.00-03.05	49.3	47.6	47.4	45.6	1.8
	03.05-03.10	46.5	48.6	46.5	45.4	1.1
	03.10-03.15	48.2	48.1	34.8	44.2	-9.4
	03.15-03.20	48.4	44.6	49.1	43.4	5.7
	03.20-03.25	49.3	46.5	49.1	43.5	5.6
	03.25-03.30	45.7	51.6	45.7	46.6	-0.9
	03.30-03.35	47.8	46.5	44.9	44.2	0.7
	03.35-03.40	48.0	50.2	48.0	43.2	4.8
	03.40-03.45	48.1	47.4	42.8	40.5	2.3
	03.45-03.50	49.0	49.8	49.0	44.6	4.4
	03.50-03.55	50.1	47.6	49.5	44.8	4.7
	03.55-04.00	50.9	50.7	40.4	45.5	-5.1
Standard <sup>(1)(2)</sup>						10

● REPORTED RESULTS REFER TO SUBMITTED SAMPLE(S) ONLY

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



**TET**

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**

(4/3-3)

Item	Time	Result (dB(A))				
		ริมรั้วด้านหน้าโรงงาน				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L <sub>90</sub> )	ค่าระดับการรบกวน
		30-31/10/23	11-12/11/23	-	11-12/11/23	-
20.	04.00-04.05	50.5	48.4	49.3	45.1	4.2
	04.05-04.10	46.3	52.6	46.3	46.7	-0.4
	04.10-04.15	48.2	55.2	48.2	45.7	2.5
	04.15-04.20	49.1	50.5	49.1	44.9	4.2
	04.20-04.25	50.4	48.2	49.4	44.2	5.2
	04.25-04.30	55.2	47.6	57.4	44.7	12.7
	04.30-04.35	49.3	50.6	49.3	45.5	3.8
	04.35-04.40	50.8	49.9	46.5	44.4	2.1
	04.40-04.45	56.1	47.7	58.4	44.2	14.2
	04.45-04.50	53.7	45.0	56.1	41.2	14.9
21.	04.50-04.55	52.6	46.0	54.5	40.7	13.8
	04.55-05.00	52.0	46.2	53.7	40.4	13.3
	05.00-05.05	52.2	46.0	54.0	40.4	13.6
	05.05-05.10	52.9	48.4	54.0	41.3	12.7
	05.10-05.15	53.2	52.2	49.3	40.6	8.7
	05.15-05.20	54.2	48.7	55.8	40.6	15.2
	05.20-05.25	53.6	49.3	54.6	42.4	12.2
	05.25-05.30	54.4	47.7	56.4	42.6	13.8
	05.30-05.35	54.8	49.6	56.2	44.6	11.6
	05.35-05.40	54.9	50.7	55.8	44.2	11.6
22.	05.40-05.45	54.7	51.8	54.6	44.2	10.4
	05.45-05.50	54.8	50.9	55.5	43.7	11.8
	05.50-05.55	58.2	47.7	60.8	43.9	16.9
	05.55-06.00	56.9	50.5	58.8	44.4	14.4
	06.00-07.00	59.7	50.1	59.2	43.9	15.3
	07.00-08.00	59.7	49.1	59.3	43.7	15.6
	08.00-09.00	56.9	49.3	56.1	43.1	13.0
Standard <sup>(1)(2)</sup>						10

Standard : <sup>(1)</sup> Notification of the National Environment Board No. 29 (2007) (B.E. 2550)<sup>(2)</sup> Notification of the Ministry of Industry (2005) (B.E. 2548)



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 ไทยเมทัลโปรดิวส์ จำกัด/TMP

Report No. : 2023/5-35

Project : โครงการผลิตหลอดทองแดงส่วนขยาย ครั้งที่ 1

Report Date : November 17, 2023

Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม  
อำเภอบางปะกง จังหวัดฉะเชิงเทรา 24130

Sampling Date : October 27-November 3  
& November 11-12, 2023

Contact : Tel. (038) 573 231-5

Type of Sample : เสียงรบกวน

Job No. : S660063/Nov/1

(5/1-3)

Item	Time	Result (dB(A))				
		ริมรั้วด้านหน้าโรงงาน				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L <sub>90</sub> )	ค่าระดับการรบกวน
		31/10-01/11/23	11-12/11/23	-	11-12/11/23	-
1.	09.00-10.00	56.1	52.3	53.8	45.6	8.2
2.	10.00-11.00	55.4	52.5	52.3	42.7	9.6
3.	11.00-12.00	56.1	52.0	54.0	42.4	11.6
4.	12.00-13.00	58.0	50.7	57.1	46.2	10.9
5.	13.00-14.00	56.3	48.2	55.6	45.5	10.1
6.	14.00-15.00	55.3	49.6	53.9	45.0	8.9
7.	15.00-16.00	55.3	48.9	54.2	45.3	8.9
8.	16.00-17.00	57.4	47.9	56.9	44.7	12.2
9.	17.00-18.00	55.3	47.5	54.5	41.7	12.8
10.	18.00-19.00	54.0	49.7	52.0	45.2	6.8
11.	19.00-20.00	53.2	50.2	50.2	42.8	7.4
12.	20.00-21.00	54.9	50.0	53.2	43.0	10.2
13.	21.00-22.00	54.7	50.8	52.4	45.7	6.7
14.	22.00-22.05	51.6	44.6	53.6	40.6	13.0
	22.05-22.10	50.9	49.1	49.2	45.3	3.9
	22.10-22.15	53.6	47.8	55.3	45.4	9.9
	22.15-22.20	61.6	48.6	64.4	45.1	19.3
	22.20-22.25	52.0	47.6	53.0	44.8	8.2
	22.25-22.30	50.6	48.8	48.9	45.5	3.4
	22.30-22.35	50.0	52.4	50.0	45.3	4.7
	22.35-22.40	48.0	51.1	48.0	44.1	3.9
	22.40-22.45	50.3	47.9	49.6	44.2	5.4
	22.45-22.50	48.8	48.3	42.2	44.2	-2.0
	22.50-22.55	47.7	48.5	47.7	42.3	5.4
	22.55-23.00	47.4	48.2	47.4	42.9	4.5
15.	23.00-23.05	51.7	48.8	51.6	42.8	8.8
	23.05-23.10	56.0	49.7	57.8	42.5	15.3
	23.10-23.15	50.5	48.4	49.3	45.1	4.2
	23.15-23.20	50.9	49.4	48.6	44.5	4.1
	23.20-23.25	49.9	45.5	50.9	41.0	9.9
	23.25-23.30	52.6	50.4	51.6	46.1	5.5
	23.30-23.35	48.2	46.4	46.5	44.3	2.2
	23.35-23.40	52.4	46.0	54.3	44.5	9.8
	23.40-23.45	48.7	47.2	46.4	44.6	1.8
	23.45-23.50	48.4	45.2	48.6	44.4	4.2
	23.50-23.55	45.9	45.9	45.9	44.3	1.6
	23.55-00.00	47.0	47.1	47.0	44.2	2.8
Standard <sup>(1)(2)</sup>						10





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

(5/2-3)

Item	Time	Result (dB(A))				
		ริมวัดด้านหน้าโรงงาน				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L <sub>90</sub> )	ค่าระดับการรบกวน
		31/10-01/11/23	11-12/11/23	-	11-12/11/23	-
16.	00.00-00.05	50.0	45.3	51.2	44.3	6.9
	00.05-00.10	50.4	48.0	49.7	44.3	5.4
	00.10-00.15	49.0	46.2	48.8	44.0	4.8
	00.15-00.20	50.8	47.3	51.2	45.2	6.0
	00.20-00.25	47.4	44.9	46.8	43.8	3.0
	00.25-00.30	50.2	44.9	51.7	43.3	8.4
	00.30-00.35	47.3	45.0	46.4	43.4	3.0
	00.35-00.40	49.8	47.4	49.1	44.5	4.6
	00.40-00.45	49.0	48.0	45.1	44.5	0.6
	00.45-00.50	46.6	45.4	43.4	44.2	-0.8
17.	00.50-00.55	51.3	48.0	51.6	44.4	7.2
	00.55-01.00	48.5	44.7	49.2	43.5	5.7
	01.00-01.05	50.4	44.9	52.0	43.0	9.0
	01.05-01.10	49.3	48.9	41.7	44.9	-3.2
	01.10-01.15	46.4	48.9	46.4	42.8	3.6
	01.15-01.20	46.9	45.0	45.4	43.4	2.0
	01.20-01.25	49.3	51.2	49.3	42.9	6.4
	01.25-01.30	47.2	51.9	47.2	44.5	2.7
	01.30-01.35	52.5	52.9	52.5	44.2	8.3
	01.35-01.40	46.7	46.3	39.1	43.6	-4.5
18.	01.40-01.45	48.8	46.8	47.5	43.4	4.1
	01.45-01.50	46.4	48.1	46.4	44.1	2.3
	01.50-01.55	48.4	46.2	47.4	44.1	3.3
	01.55-02.00	46.9	45.4	44.6	44.4	0.2
	02.00-02.05	47.4	47.8	47.4	43.8	3.6
	02.05-02.10	52.0	48.9	52.1	45.3	6.8
	02.10-02.15	46.5	45.9	40.6	44.2	-3.6
	02.15-02.20	47.4	53.2	47.4	49.5	-2.1
	02.20-02.25	47.9	47.1	43.2	44.1	-0.9
	02.25-02.30	47.7	47.7	47.7	44.2	3.5
19.	02.30-02.35	47.2	47.0	36.7	43.6	-6.9
	02.35-02.40	47.2	44.8	46.5	43.5	3.0
	02.40-02.45	45.4	45.1	36.6	44.2	-7.6
	02.45-02.50	46.7	49.0	46.7	44.2	2.5
	02.50-02.55	45.8	47.9	45.8	44.5	1.3
	02.55-03.00	48.9	48.6	40.1	44.8	-4.7
	03.00-03.05	47.6	47.6	47.6	45.6	2.0
	03.05-03.10	48.7	48.6	35.3	45.4	-10.1
	03.10-03.15	48.4	48.1	39.6	44.2	-4.6
	03.15-03.20	45.6	44.6	41.7	43.4	-1.7
	03.20-03.25	47.1	46.5	41.2	43.5	-2.3
	03.25-03.30	46.1	51.6	46.1	46.6	-0.5
	03.30-03.35	46.5	46.5	46.5	44.2	2.3
	03.35-03.40	49.7	50.2	49.7	43.2	6.5
	03.40-03.45	50.4	47.4	50.4	40.5	9.9
	03.45-03.50	49.3	49.8	49.3	44.6	4.7
	03.50-03.55	51.3	47.6	51.9	44.8	7.1
	03.55-04.00	48.4	50.7	48.4	45.5	2.9
Standard <sup>(1)(2)</sup>						10

● REPORTED RESULTS REFER TO SUBMITTED SAMPLE(S) ONLY

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



## TEST REPORT

(5/3-3)

Item	Time	Result (dB(A))				
		ริมรั้วด้านหน้าโรงงาน				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L <sub>90</sub> )	ค่าระดับการรบกวน
		31/10-01/11/23	11-12/11/23	-	11-12/11/23	-
20.	04.00-04.05	48.7	48.4	39.9	45.1	-5.2
	04.05-04.10	48.5	52.6	48.5	46.7	1.8
	04.10-04.15	48.3	55.2	48.3	45.7	2.6
	04.15-04.20	48.6	50.5	48.6	44.9	3.7
	04.20-04.25	48.4	48.2	37.9	44.2	-6.3
	04.25-04.30	48.5	47.6	44.2	44.7	-0.5
	04.30-04.35	48.2	50.6	48.2	45.5	2.7
	04.35-04.40	49.1	49.9	49.1	44.4	4.7
	04.40-04.45	49.1	47.7	46.5	44.2	2.3
	04.45-04.50	50.5	45.0	52.1	41.2	10.9
21.	04.50-04.55	51.7	46.0	53.3	40.7	12.6
	04.55-05.00	51.7	46.2	53.3	40.4	12.9
	05.00-05.05	52.2	46.0	54.0	40.4	13.6
	05.05-05.10	53.0	48.4	54.2	41.3	12.9
	05.10-05.15	53.1	52.2	48.8	40.6	8.2
	05.15-05.20	53.9	48.7	55.3	40.6	14.7
	05.20-05.25	51.8	49.3	51.2	42.4	8.8
	05.25-05.30	53.6	47.7	55.3	42.6	12.7
	05.30-05.35	53.9	49.6	54.9	44.6	10.3
	05.35-05.40	52.7	50.7	51.4	44.2	7.2
22.	05.40-05.45	54.7	51.8	54.6	44.2	10.4
	05.45-05.50	54.5	50.9	55.0	43.7	11.3
	05.50-05.55	54.4	47.7	56.4	43.9	12.5
	05.55-06.00	55.2	50.5	56.4	44.4	12.0
	06.00-07.00	60.5	50.1	60.1	43.9	16.2
	07.00-08.00	58.9	49.1	58.4	43.7	14.7
	08.00-09.00	56.7	49.3	55.8	43.1	12.7
Standard <sup>(1)(2)</sup>						10

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

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



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. : 2023/6-35

Project : โครงการผลิตลวดทองแดงส่วนขยาย ครั้งที่ 1

Report Date : November 17, 2023

Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม  
อำเภอบางปะกง จังหวัดฉะเชิงเทรา 24130

Sampling Date : October 27-November 3

& November 11-12, 2023

Contact : Tel. (038) 573 231-5

Type of Sample : เสียงรบกวน

Job No. : S660063/Nov/1

(6/1-3)

Item	Time	Result (dB(A))				
		ริมรั้วด้านหน้าโรงงาน				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L <sub>90</sub> )	ค่าระดับการรบกวน
		01-02/11/23	11-12/11/23	-	11-12/11/23	-
1.	09.00-10.00	57.1	52.3	55.4	45.6	9.8
2.	10.00-11.00	54.1	52.5	49.0	42.7	6.3
3.	11.00-12.00	55.7	52.0	53.3	42.4	10.9
4.	12.00-13.00	58.7	50.7	58.0	46.2	11.8
5.	13.00-14.00	60.2	48.2	59.9	45.5	14.4
6.	14.00-15.00	57.6	49.6	56.9	45.0	11.9
7.	15.00-16.00	55.6	48.9	54.6	45.3	9.3
8.	16.00-17.00	57.0	47.9	56.4	44.7	11.7
9.	17.00-18.00	56.8	47.5	56.3	41.7	14.6
10.	18.00-19.00	58.0	49.7	57.3	45.2	12.1
11.	19.00-20.00	55.2	50.2	53.5	42.8	10.7
12.	20.00-21.00	53.5	50.0	50.9	43.0	7.9
13.	21.00-22.00	53.1	50.8	49.2	45.7	3.5
14.	22.00-22.05	56.2	44.6	58.9	40.6	18.3
	22.05-22.10	49.6	49.1	43.0	45.3	-2.3
	22.10-22.15	50.2	47.8	49.5	45.4	4.1
	22.15-22.20	46.2	48.6	46.2	45.1	1.1
	22.20-22.25	49.9	47.6	49.0	44.8	4.2
	22.25-22.30	51.1	48.8	50.2	45.5	4.7
	22.30-22.35	51.7	52.4	51.7	45.3	6.4
	22.35-22.40	50.7	51.1	50.7	44.1	6.6
	22.40-22.45	49.8	47.9	48.3	44.2	4.1
	22.45-22.50	48.8	48.3	42.2	44.2	-2.0
	22.50-22.55	48.6	48.5	35.2	42.3	-7.1
	22.55-23.00	47.1	48.2	47.1	42.9	4.2
15.	23.00-23.05	48.5	48.8	48.5	42.8	5.7
	23.05-23.10	48.7	49.7	48.7	42.5	6.2
	23.10-23.15	49.4	48.4	45.5	45.1	0.4
	23.15-23.20	49.0	49.4	49.0	44.5	4.5
	23.20-23.25	47.5	45.5	46.2	41.0	5.2
	23.25-23.30	47.9	50.4	47.9	46.1	1.8
	23.30-23.35	53.9	46.4	56.0	44.3	11.7
	23.35-23.40	48.0	46.0	46.7	44.5	2.2
	23.40-23.45	45.0	47.2	45.0	44.6	0.4
	23.45-23.50	49.4	45.2	50.3	44.4	5.9
	23.50-23.55	47.1	45.9	43.9	44.3	-0.4
	23.55-00.00	45.8	47.1	45.8	44.2	1.6
Standard <sup>(1)(2)</sup>						10



## TEST REPORT

(6/2-3)

Item	Time	Result (dB(A))				
		ริมรั้วด้านหน้าโรงงาน				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L <sub>90</sub> )	ค่าระดับการรบกวน
		01-02/11/23	11-12/11/23	-	11-12/11/23	-
16.	00.00-00.05	46.2	45.3	41.9	44.3	-2.4
	00.05-00.10	51.2	48.0	51.4	44.3	7.1
	00.10-00.15	46.4	46.2	35.9	44.0	-8.1
	00.15-00.20	47.7	47.3	40.1	45.2	-5.1
	00.20-00.25	47.8	44.9	47.7	43.8	3.9
	00.25-00.30	46.9	44.9	45.6	43.3	2.3
	00.30-00.35	52.7	45.0	54.9	43.4	11.5
	00.35-00.40	48.6	47.4	45.4	44.5	0.9
	00.40-00.45	45.4	48.0	45.4	44.5	0.9
	00.45-00.50	46.4	45.4	42.5	44.2	-1.7
17.	00.50-00.55	46.1	48.0	46.1	44.4	1.7
	00.55-01.00	46.3	44.7	44.2	43.5	0.7
	01.00-01.05	46.8	44.9	45.3	43.0	2.3
	01.05-01.10	46.7	48.9	46.7	44.9	1.8
	01.10-01.15	43.7	48.9	43.7	42.8	0.9
	01.15-01.20	44.0	45.0	44.0	43.4	0.6
	01.20-01.25	48.6	51.2	48.6	42.9	5.7
	01.25-01.30	46.6	51.9	46.6	44.5	2.1
	01.30-01.35	48.0	52.9	48.0	44.2	3.8
	01.35-01.40	46.9	46.3	41.0	43.6	-2.6
18.	01.40-01.45	49.8	46.8	49.8	43.4	6.4
	01.45-01.50	48.4	48.1	39.6	44.1	-4.5
	01.50-01.55	47.1	46.2	42.8	44.1	-1.3
	01.55-02.00	46.8	45.4	44.2	44.4	-0.2
	02.00-02.05	50.7	47.8	50.6	43.8	6.8
	02.05-02.10	46.9	48.9	46.9	45.3	1.6
	02.10-02.15	49.3	45.9	49.6	44.2	5.4
	02.15-02.20	47.2	53.2	47.2	49.5	-2.3
	02.20-02.25	48.6	47.1	46.3	44.1	2.2
	02.25-02.30	50.0	47.7	49.1	44.2	4.9
19.	02.30-02.35	47.8	47.0	43.1	43.6	-0.5
	02.35-02.40	47.6	44.8	47.4	43.5	3.9
	02.40-02.45	48.9	45.1	49.6	44.2	5.4
	02.45-02.50	51.3	49.0	50.4	44.2	6.2
	02.50-02.55	47.8	47.9	47.8	44.5	3.3
	02.55-03.00	48.5	48.6	48.5	44.8	3.7
	03.00-03.05	46.1	47.6	46.1	45.6	0.5
	03.05-03.10	46.9	48.6	46.9	45.4	1.5
	03.10-03.15	46.3	48.1	46.3	44.2	2.1
	03.15-03.20	49.8	44.6	51.2	43.4	7.8
	03.20-03.25	47.8	46.5	44.9	43.5	1.4
	03.25-03.30	47.2	51.6	47.2	46.6	0.6
	03.30-03.35	46.9	46.5	39.3	44.2	-4.9
	03.35-03.40	47.3	50.2	47.3	43.2	4.1
	03.40-03.45	47.7	47.4	38.9	40.5	-1.6
	03.45-03.50	50.2	49.8	42.6	44.6	-2.0
	03.50-03.55	46.3	47.6	46.3	44.8	1.5
	03.55-04.00	49.6	50.7	49.6	45.5	4.1
Standard <sup>(1)(2)</sup>						10

● REPORTED RESULTS REFER TO SUBMITTED SAMPLE(S) ONLY

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





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

(6/3-3)

Item	Time	Result (dB(A))				
		ริมรั้วด้านหน้าโรงงาน				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L <sub>90</sub> )	ค่าระดับการรบกวน
		01-02/11/23	11-12/11/23	-	11-12/11/23	-
20.	04.00-04.05	48.7	48.4	39.9	45.1	-5.2
	04.05-04.10	47.5	52.6	47.5	46.7	0.8
	04.10-04.15	49.4	55.2	49.4	45.7	3.7
	04.15-04.20	48.9	50.5	48.9	44.9	4.0
	04.20-04.25	51.0	48.2	50.8	44.2	6.6
	04.25-04.30	53.0	47.6	54.5	44.7	9.8
	04.30-04.35	51.8	50.6	48.6	45.5	3.1
	04.35-04.40	53.5	49.9	54.0	44.4	9.6
	04.40-04.45	53.2	47.7	54.8	44.2	10.6
	04.45-04.50	51.5	45.0	53.4	41.2	12.2
21.	04.50-04.55	54.1	46.0	56.4	40.7	15.7
	04.55-05.00	53.4	46.2	55.5	40.4	15.1
	05.00-05.05	53.1	46.0	55.2	40.4	14.8
	05.05-05.10	53.0	48.4	54.2	41.3	12.9
	05.10-05.15	52.1	52.2	52.1	40.6	11.5
	05.15-05.20	53.9	48.7	55.3	40.6	14.7
	05.20-05.25	53.7	49.3	54.7	42.4	12.3
	05.25-05.30	56.1	47.7	58.4	42.6	15.8
	05.30-05.35	55.0	49.6	56.5	44.6	11.9
	05.35-05.40	55.5	50.7	56.8	44.2	12.6
22.	05.40-05.45	55.1	51.8	55.4	44.2	11.2
	05.45-05.50	54.6	50.9	55.2	43.7	11.5
	05.50-05.55	56.2	47.7	58.5	43.9	14.6
	05.55-06.00	57.1	50.5	59.0	44.4	14.6
23.	06.00-07.00	60.6	50.1	60.2	43.9	16.3
24.	07.00-08.00	61.0	49.1	60.7	43.7	17.0
	08.00-09.00	58.2	49.3	57.6	43.1	14.5
Standard <sup>(1)(2)</sup>						10

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

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



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. : 2023/7-35

Project : โครงการผลิตขวดทองแดงส่วนขยาย ครั้งที่ 1

Report Date : November 17, 2023

Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม  
อำเภอบางปะกง จังหวัดฉะเชิงเทรา 24130

Sampling Date : October 27-November 3  
& November 11-12, 2023

Contact : Tel. (038) 573 231-5

Type of Sample : เสียงรบกวน

Job No. : S660063/Nov/1

(7/1-3)

Item	Time	Result (dB(A))				
		ริมรั้วด้านหน้าโรงงาน				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีกรรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L <sub>90</sub> )	ค่าระดับการรบกวน
		02-03/11/23	11-12/11/23	-	11-12/11/23	-
1.	09.00-10.00	56.1	52.3	53.8	45.6	8.2
2.	10.00-11.00	53.2	52.5	44.9	42.7	2.2
3.	11.00-12.00	51.9	52.0	51.9	42.4	9.5
4.	12.00-13.00	51.2	50.7	41.6	46.2	-4.6
5.	13.00-14.00	52.5	48.2	50.5	45.5	5.0
6.	14.00-15.00	52.7	49.6	49.8	45.0	4.8
7.	15.00-16.00	52.5	48.9	50.0	45.3	4.7
8.	16.00-17.00	52.9	47.9	51.2	44.7	6.5
9.	17.00-18.00	51.6	47.5	49.5	41.7	7.8
10.	18.00-19.00	53.8	49.7	51.7	45.2	6.5
11.	19.00-20.00	53.9	50.2	51.5	42.8	8.7
12.	20.00-21.00	53.4	50.0	50.7	43.0	7.7
13.	21.00-22.00	52.2	50.8	46.6	45.7	0.9
14.	22.00-22.05	51.6	44.6	53.6	40.6	13.0
	22.05-22.10	52.1	49.1	52.1	45.3	6.8
	22.10-22.15	51.5	47.8	52.1	45.4	6.7
	22.15-22.20	52.4	48.6	53.1	45.1	8.0
	22.20-22.25	52.5	47.6	53.8	44.8	9.0
	22.25-22.30	52.1	48.8	52.4	45.5	6.9
	22.30-22.35	52.2	52.4	52.2	45.3	6.9
	22.35-22.40	52.4	51.1	49.5	44.1	5.4
	22.40-22.45	52.7	47.9	54.0	44.2	9.8
	22.45-22.50	52.0	48.3	52.6	44.2	8.4
	22.50-22.55	52.0	48.5	52.4	42.3	10.1
	22.55-23.00	52.5	48.2	53.5	42.9	10.6
15.	23.00-23.05	51.6	48.8	51.4	42.8	8.6
	23.05-23.10	52.2	49.7	51.6	42.5	9.1
	23.10-23.15	50.1	48.4	48.2	45.1	3.1
	23.15-23.20	54.8	49.4	56.3	44.5	11.8
	23.20-23.25	54.8	45.5	57.3	41.0	16.3
	23.25-23.30	52.7	50.4	51.8	46.1	5.7
	23.30-23.35	56.1	46.4	58.6	44.3	14.3
	23.35-23.40	52.1	46.0	53.9	44.5	9.4
	23.40-23.45	52.3	47.2	53.7	44.6	9.1
	23.45-23.50	54.0	45.2	56.4	44.4	12.0
	23.50-23.55	52.7	45.9	54.7	44.3	10.4
	23.55-00.00	51.7	47.1	52.9	44.2	8.7
Standard <sup>(1)(2)</sup>						10





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

(7/2-3)

Item	Time	Result (dB(A))				
		ริมรั้วด้านหน้าโรงงาน				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L <sub>90</sub> )	ค่าระดับการรบกวน
		02-03/11/23	11-12/11/23	-	11-12/11/23	-
16.	00.00-00.05	51.4	45.3	53.2	44.3	8.9
	00.05-00.10	50.5	48.0	49.9	44.3	5.6
	00.10-00.15	53.2	46.2	55.2	44.0	11.2
	00.15-00.20	53.2	47.3	54.9	45.2	9.7
	00.20-00.25	53.0	44.9	55.3	43.8	11.5
	00.25-00.30	54.6	44.9	57.1	43.3	13.8
	00.30-00.35	51.7	45.0	53.7	43.4	10.3
	00.35-00.40	50.5	47.4	50.6	44.5	6.1
	00.40-00.45	50.1	48.0	48.9	44.5	4.4
	00.45-00.50	51.4	45.4	53.1	44.2	8.9
17.	00.50-00.55	51.1	48.0	51.2	44.4	6.8
	00.55-01.00	51.7	44.7	53.7	43.5	10.2
	01.00-01.05	50.5	44.9	52.1	43.0	9.1
	01.05-01.10	53.0	48.9	53.9	44.9	9.0
	01.10-01.15	52.2	48.9	52.5	42.8	9.7
	01.15-01.20	53.9	45.0	56.3	43.4	12.9
	01.20-01.25	50.9	51.2	50.9	42.9	8.0
	01.25-01.30	53.9	51.9	52.6	44.5	8.1
	01.30-01.35	52.4	52.9	52.4	44.2	8.2
	01.35-01.40	50.5	46.3	51.4	43.6	7.8
18.	01.40-01.45	51.3	46.8	52.4	43.4	9.0
	01.45-01.50	52.6	48.1	53.7	44.1	9.6
	01.50-01.55	51.5	46.2	53.0	44.1	8.9
	01.55-02.00	51.6	45.4	53.4	44.4	9.0
	02.00-02.05	51.7	47.8	52.4	43.8	8.6
	02.05-02.10	51.0	48.9	49.8	45.3	4.5
	02.10-02.15	52.4	45.9	54.3	44.2	10.1
	02.15-02.20	53.5	53.2	44.7	49.5	-4.8
	02.20-02.25	54.4	47.1	56.5	44.1	12.4
	02.25-02.30	51.0	47.7	51.3	44.2	7.1
19.	02.30-02.35	50.5	47.0	50.9	43.6	7.3
	02.35-02.40	50.9	44.8	52.7	43.5	9.2
	02.40-02.45	50.2	45.1	51.6	44.2	7.4
	02.45-02.50	49.5	49.0	42.9	44.2	-1.3
	02.50-02.55	53.3	47.9	54.8	44.5	10.3
	02.55-03.00	49.0	48.6	41.4	44.8	-3.4
	03.00-03.05	52.6	47.6	53.9	45.6	8.3
	03.05-03.10	62.5	48.6	65.3	45.4	19.9
	03.10-03.15	50.1	48.1	48.8	44.2	4.6
	03.15-03.20	49.9	44.6	51.4	43.4	8.0
	03.20-03.25	49.5	46.5	49.5	43.5	6.0
	03.25-03.30	50.6	51.6	50.6	46.6	4.0
	03.30-03.35	49.5	46.5	49.5	44.2	5.3
	03.35-03.40	49.6	50.2	49.6	43.2	6.4
	03.40-03.45	48.8	47.4	46.2	40.5	5.7
	03.45-03.50	48.4	49.8	48.4	44.6	3.8
	03.50-03.55	49.3	47.6	47.4	44.8	2.6
	03.55-04.00	48.4	50.7	48.4	45.5	2.9
Standard <sup>(1)(2)</sup>						10

● REPORTED RESULTS REFER TO SUBMITTED SAMPLE(S) ONLY

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



## TEST REPORT

(7/3-3)

Item	Time	Result (dB(A))				
		ริมรั้วด้านหน้าโรงงาน				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L <sub>90</sub> )	ค่าระดับการรบกวน
		02-03/11/23	11-12/11/23	-	11-12/11/23	-
20.	04.00-04.05	47.3	48.4	47.3	45.1	2.2
	04.05-04.10	48.0	52.6	48.0	46.7	1.3
	04.10-04.15	49.0	55.2	49.0	45.7	3.3
	04.15-04.20	47.0	50.5	47.0	44.9	2.1
	04.20-04.25	49.0	48.2	44.3	44.2	0.1
21.	04.25-04.30	48.1	47.6	41.5	44.7	-3.2
	04.30-04.35	47.8	50.6	47.8	45.5	2.3
	04.35-04.40	51.0	49.9	47.5	44.4	3.1
	04.40-04.45	55.4	47.7	57.6	44.2	13.4
	04.45-04.50	51.7	45.0	53.7	41.2	12.5
	04.50-04.55	48.3	46.0	47.4	40.7	6.7
	04.55-05.00	50.3	46.2	51.2	40.4	10.8
	05.00-05.05	51.2	46.0	52.6	40.4	12.2
	05.05-05.10	54.8	48.4	56.7	41.3	15.4
	05.10-05.15	51.0	52.2	51.0	40.6	10.4
	05.15-05.20	51.1	48.7	50.4	40.6	9.8
	05.20-05.25	52.3	49.3	52.3	42.4	9.9
	05.25-05.30	52.1	47.7	53.1	42.6	10.5
	05.30-05.35	52.7	49.6	52.8	44.6	8.2
	05.35-05.40	53.4	50.7	53.1	44.2	8.9
	05.40-05.45	54.6	51.8	54.4	44.2	10.2
	05.45-05.50	54.6	50.9	55.2	43.7	11.5
	05.50-05.55	53.8	47.7	55.6	43.9	11.7
	05.55-06.00	52.0	50.5	49.7	44.4	5.3
22.	06.00-07.00	53.4	50.1	50.7	43.9	6.8
23.	07.00-08.00	55.9	49.1	54.9	43.7	11.2
24.	08.00-09.00	58.3	49.3	57.7	43.1	14.6
Standard <sup>(1)(2)</sup>						10

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

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



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. : 2023/8-35

Project : โครงการผลิตขวดทองแดงส่วนขยาย ครั้งที่ 1

Report Date : November 17, 2023

Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม  
อำเภอบางปะกง จังหวัดฉะเชิงเทรา 24130

Sampling Date : October 27-November 3  
& November 11-12, 2023

Contact : Tel. (038) 573 231-5

Type of Sample : เสียงรบกวน

Job No. : S660063/Nov/1

(8/1-3)

Item	Time	Result (dB(A))				
		ริมรั้วห้องข้างตึก 5 ตัน				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L <sub>90</sub> )	ค่าระดับการรบกวน
		27-28/10/23	11-12/11/23	-	11-12/11/23	-
1.	09.00-10.00	65.2	52.9	64.9	47.9	17.0
2.	10.00-11.00	67.4	52.0	67.3	43.9	23.4
3.	11.00-12.00	65.0	51.4	64.8	45.6	19.2
4.	12.00-13.00	65.0	50.5	64.8	43.7	21.1
5.	13.00-14.00	66.1	50.4	66.0	42.3	23.7
6.	14.00-15.00	65.7	49.7	65.6	44.1	21.5
7.	15.00-16.00	65.2	50.2	65.1	44.0	21.1
8.	16.00-17.00	64.7	48.1	64.6	40.7	23.9
9.	17.00-18.00	64.1	49.0	64.0	41.1	22.9
10.	18.00-19.00	67.0	50.1	66.9	45.8	21.1
11.	19.00-20.00	65.7	52.4	65.5	45.3	20.2
12.	20.00-21.00	63.4	52.8	63.0	45.0	18.0
13.	21.00-22.00	62.8	52.8	62.3	43.1	19.2
14.	22.00-22.05	62.6	50.9	65.3	45.4	19.9
	22.05-22.10	62.6	52.9	65.1	44.2	20.9
	22.10-22.15	63.7	54.1	66.2	43.8	22.4
	22.15-22.20	63.9	53.1	66.5	45.4	21.1
	22.20-22.25	62.5	52.1	65.1	45.7	19.4
	22.25-22.30	62.7	51.9	65.3	46.7	18.6
	22.30-22.35	63.7	53.1	66.3	46.7	19.6
	22.35-22.40	63.8	52.1	66.5	47.4	19.1
	22.40-22.45	65.7	49.9	68.6	46.2	22.4
	22.45-22.50	63.9	47.7	66.8	43.9	22.9
	22.50-22.55	63.5	52.0	66.2	44.1	22.1
	22.55-23.00	63.2	51.2	65.9	45.2	20.7
15.	23.00-23.05	63.7	48.6	66.6	45.1	21.5
	23.05-23.10	64.0	48.7	66.9	45.5	21.4
	23.10-23.15	63.8	47.5	66.7	45.6	21.1
	23.15-23.20	62.7	48.1	65.5	45.2	20.3
	23.20-23.25	63.0	46.8	65.9	44.2	21.7
	23.25-23.30	63.2	47.7	66.1	43.6	22.5
	23.30-23.35	64.0	47.2	66.9	45.2	21.7
	23.35-23.40	65.7	46.7	68.6	45.1	23.5
	23.40-23.45	64.2	49.0	67.1	44.9	22.2
	23.45-23.50	64.2	47.1	67.1	44.3	22.8
	23.50-23.55	64.6	47.7	67.5	44.3	23.2
	23.55-00.00	63.7	50.4	66.5	43.8	22.7
Standard <sup>(1)(2)</sup>						10

● REPORTED RESULTS REFER TO SUBMITTED SAMPLE(S) ONLY

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



## TEST REPORT

(8/2-3)

Item	Time	Result (dB(A))				
		ริมรั้วห้องข้างตึก 5 ตัน				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L <sub>90</sub> )	ค่าระดับการรบกวน
		27-28/10/23	11-12/11/23	-	11-12/11/23	-
16.	00.00-00.05	63.4	47.9	66.3	43.5	22.8
	00.05-00.10	63.7	44.8	66.6	43.5	23.1
	00.10-00.15	63.1	44.2	66.0	43.5	22.5
	00.15-00.20	63.5	49.6	66.3	43.6	22.7
	00.20-00.25	63.0	43.7	65.9	42.7	23.2
	00.25-00.30	63.3	49.9	66.1	43.1	23.0
	00.30-00.35	64.0	48.3	66.9	44.7	22.2
	00.35-00.40	64.8	52.2	67.6	46.8	20.8
	00.40-00.45	63.7	48.8	66.6	46.4	20.2
	00.45-00.50	62.5	49.8	65.3	44.8	20.5
17.	00.50-00.55	63.2	46.8	66.1	44.2	21.9
	00.55-01.00	64.5	45.9	67.4	43.8	23.6
	01.00-01.05	64.5	47.8	67.4	44.0	23.4
	01.05-01.10	65.2	45.4	68.2	43.8	24.4
	01.10-01.15	65.8	44.6	68.8	43.5	25.3
	01.15-01.20	66.5	46.0	69.5	43.3	26.2
	01.20-01.25	64.0	45.0	66.9	43.2	23.7
	01.25-01.30	65.2	44.6	68.2	43.5	24.7
	01.30-01.35	65.5	44.1	68.5	43.3	25.2
	01.35-01.40	64.5	45.0	67.5	43.7	23.8
18.	01.40-01.45	63.7	48.8	66.6	43.3	23.3
	01.45-01.50	63.6	44.4	66.5	43.4	23.1
	01.50-01.55	64.5	45.1	67.4	43.8	23.6
	01.55-02.00	66.8	44.3	69.8	43.4	26.4
	02.00-02.05	67.3	52.3	70.2	43.5	26.7
	02.05-02.10	64.8	44.5	67.8	43.3	24.5
	02.10-02.15	63.8	43.7	66.8	42.9	23.9
	02.15-02.20	64.1	44.6	67.1	42.9	24.2
	02.20-02.25	64.2	45.3	67.1	43.3	23.8
	02.25-02.30	63.2	45.3	66.1	43.3	22.8
19.	02.30-02.35	63.1	44.8	66.0	43.0	23.0
	02.35-02.40	69.0	44.3	72.0	43.1	28.9
	02.40-02.45	64.7	43.8	67.7	43.0	24.7
	02.45-02.50	62.4	48.5	65.2	43.7	21.5
	02.50-02.55	63.5	46.1	66.4	43.4	23.0
	02.55-03.00	67.2	46.1	70.2	43.2	27.0
	03.00-03.05	69.2	45.8	72.2	43.4	28.8
	03.05-03.10	63.5	47.8	66.4	43.4	23.0
	03.10-03.15	63.8	48.4	66.7	43.4	23.3
	03.15-03.20	63.1	50.6	65.8	44.3	21.5
	03.20-03.25	63.0	49.8	65.8	46.0	19.8
	03.25-03.30	63.3	49.5	66.1	44.9	21.2
	03.30-03.35	63.1	46.6	66.0	43.7	22.3
	03.35-03.40	62.9	46.5	65.8	43.4	22.4
	03.40-03.45	62.5	44.6	65.4	43.5	21.9
	03.45-03.50	62.5	50.9	65.2	43.4	21.8
	03.50-03.55	63.0	44.9	65.9	43.0	22.9
	03.55-04.00	62.9	44.5	65.8	43.1	22.7
Standard <sup>(1)(2)</sup>						10

● REPORTED RESULTS REFER TO SUBMITTED SAMPLE(S) ONLY

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





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

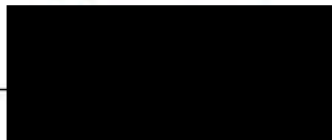
## TEST REPORT

(8/3-3)

Item	Time	Result (dB(A))				
		ริมรั้วห้องข้างตึก 5 ตัน				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L <sub>90</sub> )	ค่าระดับการรบกวน
		27-28/10/23	11-12/11/23	-	11-12/11/23	-
20.	04.00-04.05	63.2	48.3	66.1	44.5	21.6
	04.05-04.10	64.1	48.2	67.0	45.6	21.4
	04.10-04.15	68.2	51.4	71.1	46.9	24.2
	04.15-04.20	63.3	48.3	66.2	44.9	21.3
	04.20-04.25	63.2	48.8	66.0	44.3	21.7
	04.25-04.30	62.8	45.8	65.7	43.8	21.9
	04.30-04.35	63.2	46.8	66.1	44.2	21.9
	04.35-04.40	63.0	49.6	65.8	44.1	21.7
	04.40-04.45	62.8	51.6	65.5	46.3	19.2
	04.45-04.50	63.3	49.3	66.1	45.6	20.5
21.	04.50-04.55	63.3	50.5	66.1	47.4	18.7
	04.55-05.00	63.0	47.8	65.9	44.5	21.4
	05.00-05.05	62.6	47.5	65.5	43.8	21.7
	05.05-05.10	62.6	46.9	65.5	43.9	21.6
	05.10-05.15	63.1	47.0	66.0	43.8	22.2
	05.15-05.20	62.5	51.7	65.1	44.9	20.2
	05.20-05.25	62.7	49.8	65.5	44.9	20.6
	05.25-05.30	62.8	49.6	65.6	44.3	21.3
	05.30-05.35	63.4	48.4	66.3	43.9	22.4
	05.35-05.40	63.0	44.8	65.9	43.5	22.4
22.	05.40-05.45	64.8	46.9	67.7	44.7	23.0
	05.45-05.50	64.2	49.6	67.0	45.2	21.8
	05.50-05.55	62.9	51.8	65.5	45.6	19.9
	05.55-06.00	63.4	47.0	66.3	45.0	21.3
	06.00-07.00	65.4	50.7	65.3	45.0	20.3
	07.00-08.00	69.3	51.0	69.2	46.1	23.1
	08.00-09.00	65.8	50.0	65.7	44.2	21.5
Standard <sup>(1)(2)</sup>						10

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

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



General Manager

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



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 ไทยเมทัลโพรเซสซิง จำกัด/TMP

Report No. : 2023/9-35

Project : โครงการผลิตลวดทองแดงส่วนขยาย ครั้งที่ 1

Report Date : November 17, 2023

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

Sampling Date : October 27-November 3

อำเภอบางปะกง จังหวัดฉะเชิงเทรา 24130

& November 11-12, 2023

Contact : Tel. (038) 573 231-5

Type of Sample : เสียงรบกวน

Job No. : S660063/Nov/1

(9/1-3)

Item	Time	Result (dB(A))				
		ริมรั้วห้องข้างตึก 5 ตัน				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L <sub>90</sub> )	ค่าระดับการรบกวน
		28-29/10/23	11-12/11/23	-	11-12/11/23	-
1.	09.00-10.00	68.5	52.9	68.4	47.9	20.5
2.	10.00-11.00	66.6	52.0	66.4	43.9	22.5
3.	11.00-12.00	66.2	51.4	66.1	45.6	20.5
4.	12.00-13.00	66.4	50.5	66.3	43.7	22.6
5.	13.00-14.00	68.8	50.4	68.7	42.3	26.4
6.	14.00-15.00	68.7	49.7	68.6	44.1	24.5
7.	15.00-16.00	69.7	50.2	69.7	44.0	25.7
8.	16.00-17.00	67.1	48.1	67.0	40.7	26.3
9.	17.00-18.00	65.8	49.0	65.7	41.1	24.6
10.	18.00-19.00	64.7	50.1	64.5	45.8	18.7
11.	19.00-20.00	63.6	52.4	63.3	45.3	18.0
12.	20.00-21.00	64.6	52.8	64.3	45.0	19.3
13.	21.00-22.00	64.6	52.8	64.3	43.1	21.2
14.	22.00-22.05	65.1	50.9	67.9	45.4	22.5
	22.05-22.10	64.3	52.9	67.0	44.2	22.8
	22.10-22.15	64.0	54.1	66.5	43.8	22.7
	22.15-22.20	65.4	53.1	68.1	45.4	22.7
	22.20-22.25	65.1	52.1	67.9	45.7	22.2
	22.25-22.30	64.7	51.9	67.5	46.7	20.8
	22.30-22.35	65.0	53.1	67.7	46.7	21.0
	22.35-22.40	65.3	52.1	68.1	47.4	20.7
	22.40-22.45	64.1	49.9	66.9	46.2	20.7
	22.45-22.50	66.7	47.7	69.6	43.9	25.7
	22.50-22.55	67.3	52.0	70.2	44.1	26.1
	22.55-23.00	64.6	51.2	67.4	45.2	22.2
15.	23.00-23.05	64.2	48.6	67.1	45.1	22.0
	23.05-23.10	63.9	48.7	66.8	45.5	21.3
	23.10-23.15	65.3	47.5	68.2	45.6	22.6
	23.15-23.20	65.1	48.1	68.0	45.2	22.8
	23.20-23.25	63.8	46.8	66.7	44.2	22.5
	23.25-23.30	64.3	47.7	67.2	43.6	23.6
	23.30-23.35	64.8	47.2	67.7	45.2	22.5
	23.35-23.40	62.8	46.7	65.7	45.1	20.6
	23.40-23.45	64.0	49.0	66.9	44.9	22.0
	23.45-23.50	63.5	47.1	66.4	44.3	22.1
	23.50-23.55	64.4	47.7	67.3	44.3	23.0
	23.55-00.00	64.8	50.4	67.6	43.8	23.8
Standard <sup>(1)(2)</sup>						10

● REPORTED RESULTS REFER TO SUBMITTED SAMPLE(S) ONLY

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





## TEST REPORT

(9/2-3)

Item	Time	Result (dB(A))				
		ริมรั้วห้องข้างตึก 5 ตัน				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L <sub>90</sub> )	ค่าระดับการรบกวน
		28-29/10/23	11-12/11/23	-	11-12/11/23	-
16.	00.00-00.05	64.6	47.9	67.5	43.5	24.0
	00.05-00.10	63.8	44.8	66.7	43.5	23.2
	00.10-00.15	63.9	44.2	66.9	43.5	23.4
	00.15-00.20	64.9	49.6	67.8	43.6	24.2
	00.20-00.25	65.0	43.7	68.0	42.7	25.3
	00.25-00.30	65.8	49.9	68.7	43.1	25.6
	00.30-00.35	65.1	48.3	68.0	44.7	23.3
	00.35-00.40	63.9	52.2	66.6	46.8	19.8
	00.40-00.45	63.6	48.8	66.5	46.4	20.1
	00.45-00.50	62.9	49.8	65.7	44.8	20.9
17.	00.50-00.55	63.5	46.8	66.4	44.2	22.2
	00.55-01.00	63.8	45.9	66.7	43.8	22.9
	01.00-01.05	64.0	47.8	66.9	44.0	22.9
	01.05-01.10	65.7	45.4	68.7	43.8	24.9
	01.10-01.15	65.6	44.6	68.6	43.5	25.1
	01.15-01.20	64.2	46.0	67.1	43.3	23.8
	01.20-01.25	65.1	45.0	68.1	43.2	24.9
	01.25-01.30	64.7	44.6	67.7	43.5	24.2
	01.30-01.35	64.0	44.1	67.0	43.3	23.7
	01.35-01.40	64.0	45.0	66.9	43.7	23.2
18.	01.40-01.45	64.2	48.8	67.1	43.3	23.8
	01.45-01.50	64.3	44.4	67.3	43.4	23.9
	01.50-01.55	67.1	45.1	70.1	43.8	26.3
	01.55-02.00	66.1	44.3	69.1	43.4	25.7
	02.00-02.05	65.9	52.3	68.7	43.5	25.2
	02.05-02.10	63.2	44.5	66.1	43.3	22.8
	02.10-02.15	63.0	43.7	65.9	42.9	23.0
	02.15-02.20	63.2	44.6	66.1	42.9	23.2
	02.20-02.25	64.7	45.3	67.6	43.3	24.3
	02.25-02.30	63.9	45.3	66.8	43.3	23.5
19.	02.30-02.35	66.5	44.8	69.5	43.0	26.5
	02.35-02.40	72.5	44.3	75.5	43.1	32.4
	02.40-02.45	67.3	43.8	70.3	43.0	27.3
	02.45-02.50	68.1	48.5	71.1	43.7	27.4
	02.50-02.55	68.2	46.1	71.2	43.4	27.8
	02.55-03.00	67.0	46.1	70.0	43.2	26.8
	03.00-03.05	64.8	45.8	67.7	43.4	24.3
	03.05-03.10	65.0	47.8	67.9	43.4	24.5
	03.10-03.15	64.0	48.4	66.9	43.4	23.5
	03.15-03.20	64.6	50.6	67.4	44.3	23.1
	03.20-03.25	66.3	49.8	69.2	46.0	23.2
	03.25-03.30	65.3	49.5	68.2	44.9	23.3
	03.30-03.35	66.7	46.6	69.7	43.7	26.0
	03.35-03.40	67.8	46.5	70.8	43.4	27.4
	03.40-03.45	64.3	44.6	67.3	43.5	23.8
	03.45-03.50	63.8	50.9	66.6	43.4	23.2
	03.50-03.55	64.3	44.9	67.2	43.0	24.2
	03.55-04.00	65.5	44.5	68.5	43.1	25.4
Standard <sup>(1)(2)</sup>						10

● REPORTED RESULTS REFER TO SUBMITTED SAMPLE(S) ONLY

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



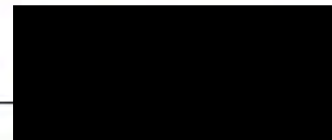
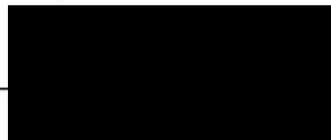
## TEST REPORT

(9/3-3)

Item	Time	Result (dB(A))				
		ริมรั้วห้องข้างตึก 5 ตัน				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L <sub>90</sub> )	ค่าระดับการรบกวน
		28-29/10/23	11-12/11/23	-	11-12/11/23	-
20.	04.00-04.05	68.2	48.3	71.2	44.5	26.7
	04.05-04.10	68.5	48.2	71.5	45.6	25.9
	04.10-04.15	66.5	51.4	69.4	46.9	22.5
	04.15-04.20	66.8	48.3	69.7	44.9	24.8
	04.20-04.25	66.0	48.8	68.9	44.3	24.6
	04.25-04.30	69.1	45.8	72.1	43.8	28.3
	04.30-04.35	69.4	46.8	72.4	44.2	28.2
	04.35-04.40	64.3	49.6	67.2	44.1	23.1
	04.40-04.45	64.0	51.6	66.7	46.3	20.4
	04.45-04.50	64.0	49.3	66.9	45.6	21.3
21.	04.50-04.55	64.8	50.5	67.6	47.4	20.2
	04.55-05.00	65.7	47.8	68.6	44.5	24.1
	05.00-05.05	65.3	47.5	68.2	43.8	24.4
	05.05-05.10	65.5	46.9	68.4	43.9	24.5
	05.10-05.15	64.9	47.0	67.8	43.8	24.0
	05.15-05.20	65.0	51.7	67.8	44.9	22.9
	05.20-05.25	64.7	49.8	67.6	44.9	22.7
	05.25-05.30	64.0	49.6	66.8	44.3	22.5
	05.30-05.35	64.4	48.4	67.3	43.9	23.4
	05.35-05.40	64.2	44.8	67.1	43.5	23.6
22.	05.40-05.45	64.8	46.9	67.7	44.7	23.0
	05.45-05.50	66.9	49.6	69.8	45.2	24.6
	05.50-05.55	66.1	51.8	68.9	45.6	23.3
	05.55-06.00	64.3	47.0	67.2	45.0	22.2
23.	06.00-07.00	65.4	50.7	65.3	45.0	20.3
24.	07.00-08.00	66.0	51.0	65.9	46.1	19.8
25.	08.00-09.00	63.7	50.0	63.5	44.2	19.3
Standard <sup>(1)(2)</sup>						10

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

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



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. : 2023/10-35

Project : โครงการผลิตลวดทองแดงส่วนขยาย ครั้งที่ 1

Report Date : November 17, 2023

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

Sampling Date : October 27-November 3

อำเภอบางปะกง จังหวัดฉะเชิงเทรา 24130

& November 11-12, 2023

Contact : Tel. (038) 573 231-5

Type of Sample : เสียงรบกวน

Job No. : S660063/Nov/1

(10/1-3)

Item	Time	Result (dB(A))				
		ริมรั้วห้องข้างตึก 5 ตัน				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L <sub>90</sub> )	ค่าระดับการรบกวน
		29-30/10/23	11-12/11/23	-	11-12/11/23	-
1.	09.00-10.00	63.5	52.9	63.1	47.9	15.2
2.	10.00-11.00	63.4	52.0	63.1	43.9	19.2
3.	11.00-12.00	63.7	51.4	63.4	45.6	17.8
4.	12.00-13.00	62.9	50.5	62.6	43.7	18.9
5.	13.00-14.00	64.3	50.4	64.1	42.3	21.8
6.	14.00-15.00	63.9	49.7	63.7	44.1	19.6
7.	15.00-16.00	64.2	50.2	64.0	44.0	20.0
8.	16.00-17.00	64.1	48.1	64.0	40.7	23.3
9.	17.00-18.00	65.4	49.0	65.3	41.1	24.2
10.	18.00-19.00	62.9	50.1	62.7	45.8	16.9
11.	19.00-20.00	63.1	52.4	62.7	45.3	17.4
12.	20.00-21.00	64.5	52.8	64.2	45.0	19.2
13.	21.00-22.00	63.9	52.8	63.5	43.1	20.4
14.	22.00-22.05	62.7	50.9	65.4	45.4	20.0
	22.05-22.10	62.7	52.9	65.2	44.2	21.0
	22.10-22.15	62.2	54.1	64.5	43.8	20.7
	22.15-22.20	62.3	53.1	64.7	45.4	19.3
	22.20-22.25	63.8	52.1	66.5	45.7	20.8
	22.25-22.30	65.1	51.9	67.9	46.7	21.2
	22.30-22.35	64.7	53.1	67.4	46.7	20.7
	22.35-22.40	63.9	52.1	66.6	47.4	19.2
	22.40-22.45	64.7	49.9	67.6	46.2	21.4
	22.45-22.50	65.0	47.7	67.9	43.9	24.0
	22.50-22.55	64.6	52.0	67.4	44.1	23.3
	22.55-23.00	63.3	51.2	66.0	45.2	20.8
15.	23.00-23.05	62.9	48.6	65.7	45.1	20.6
	23.05-23.10	62.8	48.7	65.6	45.5	20.1
	23.10-23.15	63.3	47.5	66.2	45.6	20.6
	23.15-23.20	64.0	48.1	66.9	45.2	21.7
	23.20-23.25	64.4	46.8	67.3	44.2	23.1
	23.25-23.30	64.2	47.7	67.1	43.6	23.5
	23.30-23.35	63.7	47.2	66.6	45.2	21.4
	23.35-23.40	64.8	46.7	67.7	45.1	22.6
	23.40-23.45	63.2	49.0	66.0	44.9	21.1
	23.45-23.50	63.6	47.1	66.5	44.3	22.2
	23.50-23.55	63.5	47.7	66.4	44.3	22.1
	23.55-00.00	62.5	50.4	65.2	43.8	21.4
Standard <sup>(1)(2)</sup>						10

● REPORTED RESULTS REFER TO SUBMITTED SAMPLE(S) ONLY

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



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

(10/2-3)

Item	Time	Result (dB(A))				
		ริมรั้วห้องข้างดาซัง 5 ตัน				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L <sub>90</sub> )	ค่าระดับการรบกวน
		29-30/10/23	11-12/11/23	-	11-12/11/23	-
16.	00.00-00.05	62.4	47.9	65.2	43.5	21.7
	00.05-00.10	62.7	44.8	65.6	43.5	22.1
	00.10-00.15	63.1	44.2	66.0	43.5	22.5
	00.15-00.20	64.3	49.6	67.2	43.6	23.6
	00.20-00.25	64.9	43.7	67.9	42.7	25.2
	00.25-00.30	64.7	49.9	67.6	43.1	24.5
	00.30-00.35	64.9	48.3	67.8	44.7	23.1
	00.35-00.40	67.7	52.2	70.6	46.8	23.8
	00.40-00.45	67.7	48.8	70.6	46.4	24.2
	00.45-00.50	64.7	49.8	67.6	44.8	22.8
17.	00.50-00.55	64.2	46.8	67.1	44.2	22.9
	00.55-01.00	63.5	45.9	66.4	43.8	22.6
	01.00-01.05	62.7	47.8	65.6	44.0	21.6
	01.05-01.10	63.3	45.4	66.2	43.8	22.4
	01.10-01.15	63.5	44.6	66.4	43.5	22.9
	01.15-01.20	64.9	46.0	67.8	43.3	24.5
	01.20-01.25	66.3	45.0	69.3	43.2	26.1
	01.25-01.30	66.7	44.6	69.7	43.5	26.2
	01.30-01.35	65.4	44.1	68.4	43.3	25.1
	01.35-01.40	63.4	45.0	66.3	43.7	22.6
18.	01.40-01.45	64.6	48.8	67.5	43.3	24.2
	01.45-01.50	66.4	44.4	69.4	43.4	26.0
	01.50-01.55	70.4	45.1	73.4	43.8	29.6
	01.55-02.00	70.3	44.3	73.3	43.4	29.9
	02.00-02.05	68.0	52.3	70.9	43.5	27.4
	02.05-02.10	67.7	44.5	70.7	43.3	27.4
	02.10-02.15	68.8	43.7	71.8	42.9	28.9
	02.15-02.20	66.2	44.6	69.2	42.9	26.3
	02.20-02.25	65.7	45.3	68.7	43.3	25.4
	02.25-02.30	65.2	45.3	68.2	43.3	24.9
19.	02.30-02.35	64.4	44.8	67.4	43.0	24.4
	02.35-02.40	64.5	44.3	67.5	43.1	24.4
	02.40-02.45	64.5	43.8	67.5	43.0	24.5
	02.45-02.50	64.5	48.5	67.4	43.7	23.7
	02.50-02.55	64.0	46.1	66.9	43.4	23.5
	02.55-03.00	64.5	46.1	67.4	43.2	24.2
	03.00-03.05	64.8	45.8	67.7	43.4	24.3
	03.05-03.10	64.3	47.8	67.2	43.4	23.8
	03.10-03.15	64.1	48.4	67.0	43.4	23.6
	03.15-03.20	64.1	50.6	66.9	44.3	22.6
	03.20-03.25	63.8	49.8	66.6	46.0	20.6
	03.25-03.30	64.8	49.5	67.7	44.9	22.8
	03.30-03.35	65.2	46.6	68.1	43.7	24.4
	03.35-03.40	65.7	46.5	68.6	43.4	25.2
	03.40-03.45	64.7	44.6	67.7	43.5	24.2
	03.45-03.50	64.4	50.9	67.2	43.4	23.8
	03.50-03.55	65.7	44.9	68.7	43.0	25.7
	03.55-04.00	65.1	44.5	68.1	43.1	25.0
Standard <sup>(1)(2)</sup>						10

● REPORTED RESULTS REFER TO SUBMITTED SAMPLE(S) ONLY

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





## TEST REPORT

(10/3-3)

Item	Time	Result (dB(A))				
		ริมรั้วห้องข้างตึก 5 ตัน				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L <sub>90</sub> )	ค่าระดับการรบกวน
		29-30/10/23	11-12/11/23	-	11-12/11/23	-
20.	04.00-04.05	65.1	48.3	68.0	44.5	23.5
	04.05-04.10	66.5	48.2	69.4	45.6	23.8
	04.10-04.15	63.7	51.4	66.4	46.9	19.5
	04.15-04.20	63.2	48.3	66.1	44.9	21.2
	04.20-04.25	63.5	48.8	66.4	44.3	22.1
	04.25-04.30	66.8	45.8	69.8	43.8	26.0
	04.30-04.35	62.9	46.8	65.8	44.2	21.6
	04.35-04.40	62.7	49.6	65.5	44.1	21.4
	04.40-04.45	62.7	51.6	65.3	46.3	19.0
	04.45-04.50	63.3	49.3	66.1	45.6	20.5
21.	04.50-04.55	66.0	50.5	68.9	47.4	21.5
	04.55-05.00	64.0	47.8	66.9	44.5	22.4
	05.00-05.05	64.3	47.5	67.2	43.8	23.4
	05.05-05.10	63.3	46.9	66.2	43.9	22.3
	05.10-05.15	63.8	47.0	66.7	43.8	22.9
	05.15-05.20	64.3	51.7	67.1	44.9	22.2
	05.20-05.25	64.6	49.8	67.5	44.9	22.6
	05.25-05.30	62.5	49.6	65.3	44.3	21.0
	05.30-05.35	61.9	48.4	64.7	43.9	20.8
	05.35-05.40	61.8	44.8	64.7	43.5	21.2
22.	05.40-05.45	62.1	46.9	65.0	44.7	20.3
	05.45-05.50	63.8	49.6	66.6	45.2	21.4
	05.50-05.55	63.9	51.8	66.6	45.6	21.0
	05.55-06.00	63.6	47.0	66.5	45.0	21.5
	06.00-07.00	62.7	50.7	62.4	45.0	17.4
	07.00-08.00	62.5	51.0	62.2	46.1	16.1
	08.00-09.00	65.4	50.0	65.3	44.2	21.1
Standard <sup>(1)(2)</sup>						10

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

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



  
 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. : 2023/11-35

Project : โครงการผลิตลวดทองแดงส่วนขยาย ครั้งที่ 1

Report Date : November 17, 2023

Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม  
อำเภอบางปะกง จังหวัดฉะเชิงเทรา 24130

Sampling Date : October 27-November 3  
& November 11-12, 2023

Contact : Tel. (038) 573 231-5

Type of Sample : เสียงรบกวน

Job No. : S660063/Nov/1

(11/1-3)

Item	Time	Result (dB(A))				
		ริมรั้วห้องข้างตึก 5 ตัน				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L <sub>90</sub> )	ค่าระดับการรบกวน
		30-31/10/23	11-12/11/23	-	11-12/11/23	-
1.	09.00-10.00	65.5	52.9	65.3	47.9	17.4
2.	10.00-11.00	65.4	52.0	65.2	43.9	21.3
3.	11.00-12.00	65.8	51.4	65.6	45.6	20.0
4.	12.00-13.00	67.9	50.5	67.8	43.7	24.1
5.	13.00-14.00	64.7	50.4	64.5	42.3	22.2
6.	14.00-15.00	65.0	49.7	64.9	44.1	20.8
7.	15.00-16.00	66.2	50.2	66.1	44.0	22.1
8.	16.00-17.00	65.5	48.1	65.4	40.7	24.7
9.	17.00-18.00	66.2	49.0	66.1	41.1	25.0
10.	18.00-19.00	68.9	50.1	68.8	45.8	23.0
11.	19.00-20.00	68.6	52.4	68.5	45.3	23.2
12.	20.00-21.00	68.2	52.8	68.1	45.0	23.1
13.	21.00-22.00	68.2	52.8	68.1	43.1	25.0
14.	22.00-22.05	66.1	50.9	69.0	45.4	23.6
	22.05-22.10	66.3	52.9	69.1	44.2	24.9
	22.10-22.15	66.6	54.1	69.3	43.8	25.5
	22.15-22.20	67.7	53.1	70.5	45.4	25.1
	22.20-22.25	68.1	52.1	71.0	45.7	25.3
	22.25-22.30	66.7	51.9	69.6	46.7	22.9
	22.30-22.35	67.6	53.1	70.4	46.7	23.7
	22.35-22.40	67.3	52.1	70.2	47.4	22.8
	22.40-22.45	67.1	49.9	70.0	46.2	23.8
	22.45-22.50	66.0	47.7	68.9	43.9	25.0
	22.50-22.55	66.1	52.0	68.9	44.1	24.8
	22.55-23.00	66.5	51.2	69.4	45.2	24.2
15.	23.00-23.05	66.8	48.6	69.7	45.1	24.6
	23.05-23.10	67.0	48.7	69.9	45.5	24.4
	23.10-23.15	67.5	47.5	70.5	45.6	24.9
	23.15-23.20	67.4	48.1	70.3	45.2	25.1
	23.20-23.25	67.7	46.8	70.7	44.2	26.5
	23.25-23.30	67.2	47.7	70.2	43.6	26.6
	23.30-23.35	67.3	47.2	70.3	45.2	25.1
	23.35-23.40	67.3	46.7	70.3	45.1	25.2
	23.40-23.45	66.5	49.0	69.4	44.9	24.5
	23.45-23.50	66.4	47.1	69.3	44.3	25.0
	23.50-23.55	66.5	47.7	69.4	44.3	25.1
	23.55-00.00	66.5	50.4	69.4	43.8	25.6
Standard <sup>(1)(2)</sup>						10





## TEST REPORT

(11/2-3)

Item	Time	Result (dB(A))				
		ริมรั้วห้องข้างตึก 5 ตัน				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีกรรบกวน (Leq)	ระดับเสียงขณะมีกรรบกวน	ระดับเสียงพื้นฐาน (L <sub>90</sub> )	ค่าระดับการรบกวน
		30-31/10/23	11-12/11/23	-	11-12/11/23	-
16.	00.00-00.05	67.1	47.9	70.0	43.5	26.5
	00.05-00.10	67.1	44.8	70.1	43.5	26.6
	00.10-00.15	67.0	44.2	70.0	43.5	26.5
	00.15-00.20	67.8	49.6	70.7	43.6	27.1
	00.20-00.25	67.9	43.7	70.9	42.7	28.2
	00.25-00.30	66.7	49.9	69.6	43.1	26.5
	00.30-00.35	68.9	48.3	71.9	44.7	27.2
	00.35-00.40	67.3	52.2	70.2	46.8	23.4
	00.40-00.45	66.3	48.8	69.2	46.4	22.8
	00.45-00.50	67.2	49.8	70.1	44.8	25.3
17.	00.50-00.55	67.5	46.8	70.5	44.2	26.3
	00.55-01.00	66.9	45.9	69.9	43.8	26.1
	01.00-01.05	68.6	47.8	71.6	44.0	27.6
	01.05-01.10	67.3	45.4	70.3	43.8	26.5
	01.10-01.15	65.9	44.6	68.9	43.5	25.4
	01.15-01.20	68.4	46.0	71.4	43.3	28.1
	01.20-01.25	67.9	45.0	70.9	43.2	27.7
	01.25-01.30	66.8	44.6	69.8	43.5	26.3
	01.30-01.35	65.7	44.1	68.7	43.3	25.4
	01.35-01.40	66.5	45.0	69.5	43.7	25.8
18.	01.40-01.45	66.3	48.8	69.2	43.3	25.9
	01.45-01.50	67.1	44.4	70.1	43.4	26.7
	01.50-01.55	67.1	45.1	70.1	43.8	26.3
	01.55-02.00	67.0	44.3	70.0	43.4	26.6
	02.00-02.05	67.1	52.3	70.0	43.5	26.5
	02.05-02.10	66.2	44.5	69.2	43.3	25.9
	02.10-02.15	66.4	43.7	69.4	42.9	26.5
	02.15-02.20	66.3	44.6	69.3	42.9	26.4
	02.20-02.25	67.2	45.3	70.2	43.3	26.9
	02.25-02.30	66.3	45.3	69.3	43.3	26.0
19.	02.30-02.35	65.8	44.8	68.8	43.0	25.8
	02.35-02.40	65.8	44.3	68.8	43.1	25.7
	02.40-02.45	65.8	43.8	68.8	43.0	25.8
	02.45-02.50	67.0	48.5	69.9	43.7	26.2
	02.50-02.55	66.2	46.1	69.2	43.4	25.8
	02.55-03.00	65.6	46.1	68.6	43.2	25.4
	03.00-03.05	66.7	45.8	69.7	43.4	26.3
	03.05-03.10	67.0	47.8	69.9	43.4	26.5
	03.10-03.15	66.2	48.4	69.1	43.4	25.7
	03.15-03.20	66.5	50.6	69.4	44.3	25.1
	03.20-03.25	66.7	49.8	69.6	46.0	23.6
	03.25-03.30	66.6	49.5	69.5	44.9	24.6
	03.30-03.35	66.1	46.6	69.1	43.7	25.4
	03.35-03.40	66.3	46.5	69.3	43.4	25.9
	03.40-03.45	66.4	44.6	69.4	43.5	25.9
	03.45-03.50	65.4	50.9	68.2	43.4	24.8
	03.50-03.55	66.3	44.9	69.3	43.0	26.3
	03.55-04.00	67.1	44.5	70.1	43.1	27.0
Standard <sup>(1)(2)</sup>						10

• REPORTED RESULTS REFER TO SUBMITTED SAMPLE(S) ONLY

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



Thai Environmental Technic Limited

บริษัท เทคโนโลยีสิ่งแวดล้อมไทย จำกัด

ORIGINAL

ต้นฉบับ

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

E-mail : admin@tet1995.com

1/6 ซอยรามคำแหง 145 แขวงสะพานสูง เขตสะพานสูง กรุงเทพมหานคร 10240

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

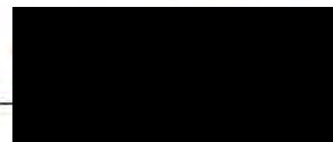
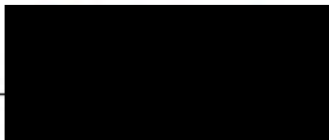
## TEST REPORT

(11/3-3)

Item	Time	Result (dB(A))				
		ริมรั้วห้องข้างตึก 5 ตัน				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L <sub>90</sub> )	ค่าระดับการรบกวน
		30-31/10/23	11-12/11/23	-	11-12/11/23	-
20.	04.00-04.05	66.3	48.3	69.2	44.5	24.7
	04.05-04.10	67.1	48.2	70.0	45.6	24.4
	04.10-04.15	65.2	51.4	68.0	46.9	21.1
	04.15-04.20	65.2	48.3	68.1	44.9	23.2
	04.20-04.25	65.8	48.8	68.7	44.3	24.4
	04.25-04.30	65.8	45.8	68.8	43.8	25.0
	04.30-04.35	66.2	46.8	69.1	44.2	24.9
	04.35-04.40	66.1	49.6	69.0	44.1	24.9
	04.40-04.45	65.4	51.6	68.2	46.3	21.9
	04.45-04.50	64.9	49.3	67.8	45.6	22.2
21.	04.50-04.55	65.6	50.5	68.5	47.4	21.1
	04.55-05.00	65.6	47.8	68.5	44.5	24.0
	05.00-05.05	65.3	47.5	68.2	43.8	24.4
	05.05-05.10	64.7	46.9	67.6	43.9	23.7
	05.10-05.15	64.2	47.0	67.1	43.8	23.3
	05.15-05.20	65.0	51.7	67.8	44.9	22.9
	05.20-05.25	65.1	49.8	68.0	44.9	23.1
	05.25-05.30	65.3	49.6	68.2	44.3	23.9
	05.30-05.35	65.3	48.4	68.2	43.9	24.3
	05.35-05.40	65.9	44.8	68.9	43.5	25.4
22.	05.40-05.45	64.5	46.9	67.4	44.7	22.7
	05.45-05.50	64.7	49.6	67.6	45.2	22.4
	05.50-05.55	64.8	51.8	67.6	45.6	22.0
	05.55-06.00	64.4	47.0	67.3	45.0	22.3
	06.00-07.00	65.3	50.7	65.1	45.0	20.1
	07.00-08.00	64.7	51.0	64.5	46.1	18.4
	08.00-09.00	65.9	50.0	65.8	44.2	21.6
Standard <sup>(1)(2)</sup>						10

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

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



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. : 2023/12-35

Project : โครงการผลิตลวดทองแดงส่วนขยาย ครั้งที่ 1

Report Date : November 17, 2023

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

Sampling Date : October 27-November 3

อำเภอบางปะกง จังหวัดฉะเชิงเทรา 24130

& November 11-12, 2023

Contact : Tel. (038) 573 231-5

Type of Sample : เสียงรบกวน

Job No. : S660063/Nov/1

(12/1-3)

Item	Time	Result (dB(A))				
		ริมรั้วห้องข้างตึก 5 ตัน				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L <sub>90</sub> )	ค่าระดับการรบกวน
		31/10-01/11/23	11-12/11/23	-	11-12/11/23	-
1.	09.00-10.00	65.4	52.9	65.1	47.9	17.2
2.	10.00-11.00	65.2	52.0	65.0	43.9	21.1
3.	11.00-12.00	64.9	51.4	64.7	45.6	19.1
4.	12.00-13.00	64.7	50.5	64.5	43.7	20.8
5.	13.00-14.00	63.8	50.4	63.6	42.3	21.3
6.	14.00-15.00	62.7	49.7	62.5	44.1	18.4
7.	15.00-16.00	64.4	50.2	64.2	44.0	20.2
8.	16.00-17.00	66.2	48.1	66.1	40.7	25.4
9.	17.00-18.00	67.3	49.0	67.2	41.1	26.1
10.	18.00-19.00	67.1	50.1	67.0	45.8	21.2
11.	19.00-20.00	67.3	52.4	67.2	45.3	21.9
12.	20.00-21.00	66.6	52.8	66.4	45.0	21.4
13.	21.00-22.00	67.7	52.8	67.6	43.1	24.5
14.	22.00-22.05	68.0	50.9	70.9	45.4	25.5
	22.05-22.10	68.5	52.9	71.4	44.2	27.2
	22.10-22.15	68.9	54.1	71.8	43.8	28.0
	22.15-22.20	68.4	53.1	71.3	45.4	25.9
	22.20-22.25	67.7	52.1	70.6	45.7	24.9
	22.25-22.30	67.6	51.9	70.5	46.7	23.8
	22.30-22.35	68.0	53.1	70.9	46.7	24.2
	22.35-22.40	68.0	52.1	70.9	47.4	23.5
	22.40-22.45	67.3	49.9	70.2	46.2	24.0
	22.45-22.50	67.3	47.7	70.3	43.9	26.4
	22.50-22.55	69.9	52.0	72.8	44.1	28.7
	22.55-23.00	67.7	51.2	70.6	45.2	25.4
15.	23.00-23.05	66.5	48.6	69.4	45.1	24.3
	23.05-23.10	66.8	48.7	69.7	45.5	24.2
	23.10-23.15	66.9	47.5	69.8	45.6	24.2
	23.15-23.20	66.4	48.1	69.3	45.2	24.1
	23.20-23.25	66.9	46.8	69.9	44.2	25.7
	23.25-23.30	66.7	47.7	69.6	43.6	26.0
	23.30-23.35	67.6	47.2	70.6	45.2	25.4
	23.35-23.40	67.2	46.7	70.2	45.1	25.1
	23.40-23.45	66.8	49.0	69.7	44.9	24.8
	23.45-23.50	67.6	47.1	70.6	44.3	26.3
	23.50-23.55	67.0	47.7	69.9	44.3	25.6
	23.55-00.00	68.0	50.4	70.9	43.8	27.1
Standard <sup>(1)(2)</sup>						10



## TEST REPORT

(12/2-3)

Item	Time	Result (dB(A))				
		ริมรั้วห้องข้างตึก 5 ตัน				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีกรรบกวน (Leq)	ระดับเสียงขณะมีกรรบกวน	ระดับเสียงพื้นฐาน (L <sub>90</sub> )	ค่าระดับการรบกวน
		31/10-01/11/23	11-12/11/23	-	11-12/11/23	-
16.	00.00-00.05	67.5	47.9	70.5	43.5	27.0
	00.05-00.10	67.3	44.8	70.3	43.5	26.8
	00.10-00.15	66.5	44.2	69.5	43.5	26.0
	00.15-00.20	66.5	49.6	69.4	43.6	25.8
	00.20-00.25	66.6	43.7	69.6	42.7	26.9
	00.25-00.30	66.6	49.9	69.5	43.1	26.4
	00.30-00.35	67.0	48.3	69.9	44.7	25.2
	00.35-00.40	68.1	52.2	71.0	46.8	24.2
	00.40-00.45	67.9	48.8	70.8	46.4	24.4
	00.45-00.50	69.5	49.8	72.5	44.8	27.7
	00.50-00.55	67.7	46.8	70.7	44.2	26.5
	00.55-01.00	67.4	45.9	70.4	43.8	26.6
17.	01.00-01.05	66.4	47.8	69.3	44.0	25.3
	01.05-01.10	67.6	45.4	70.6	43.8	26.8
	01.10-01.15	67.4	44.6	70.4	43.5	26.9
	01.15-01.20	67.8	46.0	70.8	43.3	27.5
	01.20-01.25	67.5	45.0	70.5	43.2	27.3
	01.25-01.30	67.8	44.6	70.8	43.5	27.3
	01.30-01.35	67.3	44.1	70.3	43.3	27.0
	01.35-01.40	67.3	45.0	70.3	43.7	26.6
	01.40-01.45	66.9	48.8	69.8	43.3	26.5
	01.45-01.50	66.9	44.4	69.9	43.4	26.5
	01.50-01.55	67.8	45.1	70.8	43.8	27.0
	01.55-02.00	67.2	44.3	70.2	43.4	26.8
18.	02.00-02.05	67.9	52.3	70.8	43.5	27.3
	02.05-02.10	68.2	44.5	71.2	43.3	27.9
	02.10-02.15	67.1	43.7	70.1	42.9	27.2
	02.15-02.20	67.6	44.6	70.6	42.9	27.7
	02.20-02.25	68.0	45.3	71.0	43.3	27.7
	02.25-02.30	68.4	45.3	71.4	43.3	28.1
	02.30-02.35	68.1	44.8	71.1	43.0	28.1
	02.35-02.40	67.9	44.3	70.9	43.1	27.8
	02.40-02.45	67.7	43.8	70.7	43.0	27.7
	02.45-02.50	67.9	48.5	70.8	43.7	27.1
	02.50-02.55	68.6	46.1	71.6	43.4	28.2
	02.55-03.00	68.4	46.1	71.4	43.2	28.2
19.	03.00-03.05	68.9	45.8	71.9	43.4	28.5
	03.05-03.10	69.2	47.8	72.2	43.4	28.8
	03.10-03.15	67.9	48.4	70.9	43.4	27.5
	03.15-03.20	67.9	50.6	70.8	44.3	26.5
	03.20-03.25	66.8	49.8	69.7	46.0	23.7
	03.25-03.30	67.1	49.5	70.0	44.9	25.1
	03.30-03.35	69.2	46.6	72.2	43.7	28.5
	03.35-03.40	70.6	46.5	73.6	43.4	30.2
	03.40-03.45	67.3	44.6	70.3	43.5	26.8
	03.45-03.50	68.7	50.9	71.6	43.4	28.2
	03.50-03.55	68.2	44.9	71.2	43.0	28.2
	03.55-04.00	67.8	44.5	70.8	43.1	27.7
Standard <sup>(1)(2)</sup>						10

● REPORTED RESULTS REFER TO SUBMITTED SAMPLE(S) ONLY

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





## TEST REPORT

(12/3-3)

Item	Time	Result (dB(A))				
		ริมรั้วห้องข้างตึก 5 ตัน				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L <sub>90</sub> )	ค่าระดับการรบกวน
		31/10-01/11/23	11-12/11/23	-	11-12/11/23	-
20.	04.00-04.05	68.2	48.3	71.2	44.5	26.7
	04.05-04.10	67.0	48.2	69.9	45.6	24.3
	04.10-04.15	67.5	51.4	70.4	46.9	23.5
	04.15-04.20	67.7	48.3	70.6	44.9	25.7
	04.20-04.25	68.1	48.8	71.0	44.3	26.7
	04.25-04.30	67.3	45.8	70.3	43.8	26.5
	04.30-04.35	66.9	46.8	69.9	44.2	25.7
	04.35-04.40	66.9	49.6	69.8	44.1	25.7
	04.40-04.45	67.4	51.6	70.3	46.3	24.0
	04.45-04.50	69.0	49.3	72.0	45.6	26.4
21.	04.50-04.55	69.5	50.5	72.4	47.4	25.0
	04.55-05.00	71.5	47.8	74.5	44.5	30.0
	05.00-05.05	69.4	47.5	72.4	43.8	28.6
	05.05-05.10	67.2	46.9	70.2	43.9	26.3
	05.10-05.15	66.9	47.0	69.9	43.8	26.1
	05.15-05.20	67.3	51.7	70.2	44.9	25.3
	05.20-05.25	67.4	49.8	70.3	44.9	25.4
	05.25-05.30	67.1	49.6	70.0	44.3	25.7
	05.30-05.35	67.7	48.4	70.6	43.9	26.7
	05.35-05.40	66.6	44.8	69.6	43.5	26.1
22.	05.40-05.45	66.9	46.9	69.9	44.7	25.2
	05.45-05.50	66.6	49.6	69.5	45.2	24.3
	05.50-05.55	67.1	51.8	70.0	45.6	24.4
	05.55-06.00	67.4	47.0	70.4	45.0	25.4
	06.00-07.00	67.4	50.7	67.3	45.0	22.3
	07.00-08.00	67.2	51.0	67.1	46.1	21.0
	08.00-09.00	67.8	50.0	67.7	44.2	23.5
Standard <sup>(1)(2)</sup>						10

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

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



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. : 2023/13-35

Project : โครงการผลิตลวดทองแดงส่วนขยาย ครั้งที่ 1

Report Date : November 17, 2023

Address : 70 หมู่ 5 ถนนบางนา-ตราด กม. 52 ตำบลท่าข้าม  
อำเภอบางปะกง จังหวัดฉะเชิงเทรา 24130

Sampling Date : October 27-November 3  
& November 11-12, 2023

Contact : Tel. (038) 573 231-5

Type of Sample : เสียงรบกวน

Job No. : S660063/Nov/1

(13/1-3)

Item	Time	Result (dB(A))				
		ริมรั้วห้องข้างตึก 5 ตัน				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L <sub>90</sub> )	ค่าระดับการรบกวน
		01-02/11/23	11-12/11/23	-	11-12/11/23	-
1.	09.00-10.00	67.3	52.9	67.1	47.9	19.2
2.	10.00-11.00	68.4	52.0	68.3	43.9	24.4
3.	11.00-12.00	67.6	51.4	67.5	45.6	21.9
4.	12.00-13.00	68.2	50.5	68.1	43.7	24.4
5.	13.00-14.00	67.5	50.4	67.4	42.3	25.1
6.	14.00-15.00	67.4	49.7	67.3	44.1	23.2
7.	15.00-16.00	68.1	50.2	68.0	44.0	24.0
8.	16.00-17.00	68.8	48.1	68.8	40.7	28.1
9.	17.00-18.00	65.5	49.0	65.4	41.1	24.3
10.	18.00-19.00	68.1	50.1	68.0	45.8	22.2
11.	19.00-20.00	67.6	52.4	67.5	45.3	22.2
12.	20.00-21.00	66.5	52.8	66.3	45.0	21.3
13.	21.00-22.00	63.9	52.8	63.5	43.1	20.4
14.	22.00-22.05	61.5	50.9	64.1	45.4	18.7
	22.05-22.10	62.0	52.9	64.4	44.2	20.2
	22.10-22.15	63.2	54.1	65.6	43.8	21.8
	22.15-22.20	64.4	53.1	67.1	45.4	21.7
	22.20-22.25	64.5	52.1	67.2	45.7	21.5
	22.25-22.30	65.0	51.9	67.8	46.7	21.1
	22.30-22.35	64.3	53.1	67.0	46.7	20.3
	22.35-22.40	65.2	52.1	68.0	47.4	20.6
	22.40-22.45	65.5	49.9	68.4	46.2	22.2
	22.45-22.50	65.0	47.7	67.9	43.9	24.0
	22.50-22.55	64.8	52.0	67.6	44.1	23.5
	22.55-23.00	66.0	51.2	68.9	45.2	23.7
15.	23.00-23.05	64.6	48.6	67.5	45.1	22.4
	23.05-23.10	64.5	48.7	67.4	45.5	21.9
	23.10-23.15	64.3	47.5	67.2	45.6	21.6
	23.15-23.20	65.0	48.1	67.9	45.2	22.7
	23.20-23.25	65.8	46.8	68.7	44.2	24.5
	23.25-23.30	67.2	47.7	70.2	43.6	26.6
	23.30-23.35	66.2	47.2	69.1	45.2	23.9
	23.35-23.40	64.4	46.7	67.3	45.1	22.2
	23.40-23.45	66.2	49.0	69.1	44.9	24.2
	23.45-23.50	65.2	47.1	68.1	44.3	23.8
	23.50-23.55	65.3	47.7	68.2	44.3	23.9
	23.55-00.00	66.1	50.4	69.0	43.8	25.2
Standard <sup>(1)(2)</sup>						10

● REPORTED RESULTS REFER TO SUBMITTED SAMPLE(S) ONLY

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