

ภาคผนวก ค

รายงานผลการตรวจวัดคุณภาพสิ่งแวดล้อม





TEST REPORT

Analysis No. : R22-3581

Received Date: 08/12/22

Customer : Technical Division of Thai Environmental Technic Limited

For บริษัท ตะวันแดง 1999 จำกัด

โครงการโรงงานผลิตแอลกอฮอล์และสุรา (ส่วนขยาย ครั้งที่ 1) (ระยะดำเนินการ)

Address : เลขที่ 88 หมู่ที่ 15 บ้านเขาน้อย ตำบลหนองแขง อำเภอหันคา จังหวัดชัยนาท

Contact : -

Sampling Conditions :

Report Date : 23/12/22

Analysis Date : 07-09/12/22

Job No. : S650153/Dec

Sampling By : TET

Type of Sample : Stack

Item	Description	Unit	Result	
			2212-AS0284	
			ปล่อยระบายมลสารของหม้อไอน้ำ ขนาด 15 ตัน/ชั่วโมง (ST1)	
1	Sampling Date	-	07/12/22	
2	Stack Diameter	m.	Ø 0.95	
3	Temperature ⁽¹⁾	°C	140	
4	Stack Gas Velocity ⁽¹⁾	m/s	10.6	
5	Flow Rate ⁽¹⁾	m ³ /s	7.5	
6	Flow Rate ⁽²⁾	Nm ³ /s	5.3	
7	Moisture Content ⁽¹⁾	%	1.52	
8	O ₂ Rate ⁽¹⁾ , dry basis	%	4.7	
9	CO ₂ Rate ⁽¹⁾ , dry basis	%	10.0	
10	Absolute Stack Pressure ⁽¹⁾	mm.Hg	753.2	

Parameter	Unit	Method	Result		Standard (With Combustion)	Analysis Date
			2212-AS0284			
			ปล่อยระบายมลสารของหม้อไอน้ำ ขนาด 15 ตัน/ชั่วโมง (ST1)			
Particulate	mg/Nm ³	Isokinetic, Gravimetric Method (US.EPA Method 5, Dec 07, 2020)	0.8 ⁽²⁾	0.7 ⁽³⁾	320	08-09/12/22
NO _x as NO ₂	ppm	Instrument Analyzer Method (US.EPA Method 7E, Oct 07, 2020)	36.60 ⁽²⁾	31.40 ⁽³⁾	200	07/12/22
SO ₂	ppm	Instrument Analyzer Method (US.EPA Method 6C, Aug 2, 2017)	1.60 ⁽²⁾	1.37 ⁽³⁾	60	07/12/22
H ₂ S	ppm	Absorption, Titrimetric Method (US.EPA Method 11, Aug 03, 2017)	< 1.44 ⁽²⁾	< 1.44 ⁽³⁾	80	08/12/22

Remarks : ปล่อยระบายมลสารของหม้อไอน้ำขนาด 15 ตัน/ชั่วโมง (ST1) = 47P 0598496 UTM 1672421

(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, (closed system)

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

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

Source : LPG (อัตราการใช้เชื้อเพลิง 50 Nm³/hr., อัตราการผลิตไอน้ำ 2.0 ตัน/ชั่วโมง)

Reviewed by

Ms. Wareerut Prachumdaeng

Chief of Laboratory

๖-๒๓๖-๓-๗๒๐๑

๒๓/๑๒/๒๒

Approved by

Mrs. Pornpip Pethshee

Laboratory Manager

๖-๒๓๖-๓-๖๐๔๗

๒๓/๑๒/๒๒



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Analysis No. : R22-3581
Received Date: 08/12/22
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For บริษัท ตะวันแดง 1999 จำกัด
โครงการโรงงานผลิตแอลกอฮอล์และสุรา (ส่วนขยาย ครั้งที่ 1) (ระยะดำเนินการ)
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Contact : -

Report Date : 23/12/22
Analysis Date : 07-09/12/22
Job No. : S650153/Dec
Sampling By : TET
Type of Sample : Stack

Sampling Conditions :

Item	Description	Unit	Result
			2212-AS0284
			ปล่อยระบายมลสารของหม้อไอน้ำ ขนาด 15 ตัน/ชั่วโมง (ST1)
1	Sampling Date	-	07/12/22
2	Stack Diameter	m.	Ø 0.95
3	Temperature ⁽¹⁾	°C	140
4	Stack Gas Velocity ⁽¹⁾	m/s	10.6
5	Flow Rate ⁽¹⁾	m ³ /s	7.5
6	Flow Rate ⁽²⁾	Nm ³ /s	5.3
7	Moisture Content ⁽¹⁾	%	1.52
8	O ₂ Rate ⁽¹⁾ , dry basis	%	4.7
9	CO ₂ Rate ⁽¹⁾ , dry basis	%	10.0
10	Absolute Stack Pressure ⁽¹⁾	mm.Hg	753.2

Parameter	Unit	Method	Result			Standard			Analysis Date
			2212-AS0284			(With Combustion)			
			ปล่อยระบายมลสารของหม้อไอน้ำ ขนาด 15 ตัน/ชั่วโมง (ST1)			(A)		(B)	
Particulate	mg/Nm ³	Isokinetic, Gravimetric Method (US.EPA Method 5, Dec 07, 2020)	0.8 ⁽²⁾	0.0042 (g/s)	0.7 ⁽³⁾	30	0.13 (g/s)	320	08-09/12/22
NO _x as NO ₂	ppm	Instrument Analyzer Method (US.EPA Method 7E, Oct 07, 2020)	36.60 ⁽²⁾	0.3645 (g/s)	31.40 ⁽³⁾	120	1.0 (g/s)	200	07/12/22
SO ₂	ppm	Instrument Analyzer Method (US.EPA Method 6C, Aug 2, 2017)	1.60 ⁽²⁾	0.0222 (g/s)	1.37 ⁽³⁾	5.0	0.06 (g/s)	60	07/12/22
H ₂ S	ppm	Absorption, Titrimetric Method (US.EPA Method 11, Aug 03, 2017)	< 1.44 ⁽²⁾	-	< 1.44 ⁽³⁾	-	-	80	08/12/22

Remarks : ปล่อยระบายมลสารของหม้อไอน้ำขนาด 15 ตัน/ชั่วโมง (ST1) = 47P 0598496 UTM 1672421

(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, (closed system)

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

Standard (A) According to Environment Impact Assessment of Tawandang 1999 Co., Ltd. (2022) (B.E. 2565)

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

Source : LPG (อัตราการใช้เชื้อเพลิง 50 Nm³/hr., อัตราการผลิตไอน้ำ 2.0 ตัน/ชั่วโมง)

Reviewed by

Ms. Wareerut Prachumdaeng

Chief of Laboratory

23/12/22

Approved by

Mrs. Pornpip Pethshee

Laboratory Manager

23/12/22



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TEST REPORT

Analysis No. : R22-3581

Received Date: 08/12/22

Customer : Technical Division of Thai Environmental Technic Limited

For บริษัท ตะวันแดง 1999 จำกัด

โครงการโรงงานผลิตแอลกอฮอล์และสุรา (ส่วนขยาย ครั้งที่ 1) (ระยะดำเนินการ)

Address : เลขที่ 88 หมู่ที่ 15 บ้านเขาน้อย ตำบลหนองแขง อำเภอหันคา จังหวัดชัยนาท

Contact : -

Sampling Conditions :

Report Date : 23/12/22

Analysis Date : 07-09/12/22

Job No. : S650153/Dec

Sampling By : TET

Type of Sample : Stack

Item	Description	Unit	Result
			2212-AS0285
			ปล่อยระบายมลสารของหม้อไอน้ำ ขนาด 15 ตัน/ชั่วโมง (ST2)
1	Sampling Date	-	07/12/22
2	Stack Diameter	m.	Ø 0.95
3	Temperature ⁽¹⁾	°C	110
4	Stack Gas Velocity ⁽¹⁾	m/s	7.9
5	Flow Rate ⁽¹⁾	m ³ /s	5.6
6	Flow Rate ⁽²⁾	Nm ³ /s	4.2
7	Moisture Content ⁽¹⁾	%	1.97
8	O ₂ Rate ⁽¹⁾ , dry basis	%	9.7
9	CO ₂ Rate ⁽¹⁾ , dry basis	%	6.4
10	Absolute Stack Pressure ⁽¹⁾	mm.Hg	753.2

Parameter	Unit	Method	Result		Standard (With Combustion)	Analysis Date
			2212-AS0285			
			ปล่อยระบายมลสารของหม้อไอน้ำ ขนาด 15 ตัน/ชั่วโมง (ST2)			
Particulate	mg/Nm ³	Isokinetic, Gravimetric Method (US.EPA Method 5, Dec 07, 2020)	4.6 ⁽²⁾	5.7 ⁽³⁾	320	08-09/12/22
NO _x as NO ₂	ppm	Instrument Analyzer Method (US.EPA Method 7E, Oct 07, 2020)	44.00 ⁽²⁾	54.61 ⁽³⁾	200	07/12/22
SO ₂	ppm	Instrument Analyzer Method (US.EPA Method 6C, Aug 2, 2017)	5.60 ⁽²⁾	6.95 ⁽³⁾	60	07/12/22
H ₂ S	ppm	Absorption, Titrimetric Method (US.EPA Method 11, Aug 03, 2017)	< 1.44 ⁽²⁾	< 1.44 ⁽³⁾	80	08/12/22

Remarks : ปล่อยระบายมลสารของหม้อไอน้ำขนาด 15 ตัน/ชั่วโมง (ST2) = 47P 0598496 UTM 1672416

(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, (closed system)

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

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

Source : Biogas และ LPG (อัตราการไหลเชื้อเพลิง 62.3 และ 13.3 Nm³/hr., อัตราการผลิตไอน้ำ 1.76 ตัน/ชั่วโมง)

Reviewed by

Ms. Wareerut Prachumdaeng

Chief of Laboratory

ว-236-ก-7201

23/12/22



Approved by

Mrs. Pornpip Pethshee

Laboratory Manager

ว-236-ก-6047

23/12/22

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Contact : -

Report Date : 23/12/22
Analysis Date : 07-09/12/22
Job No. : S650153/Dec
Sampling By : TET
Type of Sample : Stack

Sampling Conditions :

Item	Description	Unit	Result
			2212-AS0285
			ปล่อยระบายมลสารของหม้อไอน้ำ ขนาด 15 ตัน/ชั่วโมง (ST2)
1	Sampling Date	-	07/12/22
2	Stack Diameter	m.	Ø 0.95
3	Temperature ⁽¹⁾	°C	110
4	Stack Gas Velocity ⁽¹⁾	m/s	7.9
5	Flow Rate ⁽¹⁾	m ³ /s	5.6
6	Flow Rate ⁽²⁾	Nm ³ /s	4.2
7	Moisture Content ⁽¹⁾	%	1.97
8	O ₂ Rate ⁽¹⁾ , dry basis	%	9.7
9	CO ₂ Rate ⁽¹⁾ , dry basis	%	6.4
10	Absolute Stack Pressure ⁽¹⁾	mm.Hg	753.2

Parameter	Unit	Method	Result			Standard			Analysis Date
			2212-AS0285			(With Combustion)			
			ปล่อยระบายมลสารของหม้อไอน้ำ ขนาด 15 ตัน/ชั่วโมง (ST2)			(A)	(B)		
Particulate	mg/Nm ³	Isokinetic, Gravimetric Method (US.EPA Method 5, Dec 07, 2020)	4.6 ⁽²⁾	0.0195 (g/s)	5.7 ⁽³⁾	30	0.16 (g/s)	320	08-09/12/22
NO _x as NO ₂	ppm	Instrument Analyzer Method (US.EPA Method 7E, Oct 07, 2020)	44.00 ⁽²⁾	0.3505 (g/s)	54.61 ⁽³⁾	110	1.09 (g/s)	200	07/12/22
SO ₂	ppm	Instrument Analyzer Method (US.EPA Method 6C, Aug 2, 2017)	5.60 ⁽²⁾	0.0621 (g/s)	6.95 ⁽³⁾	25	0.34 (g/s)	60	07/12/22
H ₂ S	ppm	Absorption, Titrimetric Method (US.EPA Method 11, Aug 03, 2017)	< 1.44 ⁽²⁾	-	< 1.44 ⁽³⁾	-	-	80	08/12/22

Remarks : ปล่อยระบายมลสารของหม้อไอน้ำขนาด 15 ตัน/ชั่วโมง (ST2) = 47P 0598496 UTM 1672416

(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, (closed system)

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

Standard (A) According to Environment Impact Assessment of Tawandang 1999 Co., Ltd. (2022) (B.E. 2565)

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

Source : Biogas และ LPG (อัตราการใช้ออกซิเจน 62.3 และ 13.3 Nm³/hr., อัตราการผลิตไอน้ำ 1.76 ตัน/ชั่วโมง)

Reviewed by

Ms. Wareerut Prachumdaeng

Chief of Laboratory

..... 23/12/22

Approved by

Mrs. Pornpip Pethshee

Laboratory Manager

..... 23/12/22



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TEST REPORT

Analysis No. : R22-3581

Received Date: 12-14/12/22

Customer : Technical Division of Thai Environmental Technic Limited

For บริษัท ตะวันแดง 1999 จำกัด

โครงการโรงงานผลิตแอลกอฮอล์และสุรา (ส่วนขยาย ครั้งที่ 1) (ระยะดำเนินการ)

Address : เลขที่ 88 หมู่ที่ 15 บ้านเขาน้อย ตำบลหนองแขง อำเภอหันคา จังหวัดชัยนาท

Contact : -

Report Date : 23/12/22

Analysis Date : 12-16/12/22

Job No. : S650153/Dec

Sampling By : TET

Type of Sample : Ambient Air

Sampling Point	Sample No.	Sampling Date	Result		Analysis Date
			TSP (mg/m ³)	PM-10 (mg/m ³)	
ชุมชนบ้านเขาน้อย บริเวณทิศใต้ของโครงการ (47P 0598464 UTM 1671421)	2212-AA0419	06-07/12/22	0.067	0.030	12-14/12/22
	2212-AA0423	07-08/12/22	0.045	0.020	12-14/12/22
	2212-AA0427	08-09/12/22	0.048	0.023	12-14/12/22
	2212-AA0431	09-10/12/22	0.051	0.024	12-14/12/22
	2212-AA0435	10-11/12/22	0.039	0.021	12-14/12/22
	2212-AA0590	11-12/12/22	0.048	0.030	14-16/12/22
	2212-AA0594	12-13/12/22	0.055	0.025	14-16/12/22
วัดรางคู่ (47P 0596476 UTM 1670293)	2212-AA0420	06-07/12/22	0.053	0.024	12-14/12/22
	2212-AA0424	07-08/12/22	0.041	0.014	12-14/12/22
	2212-AA0428	08-09/12/22	0.039	0.017	12-14/12/22
	2212-AA0432	09-10/12/22	0.042	0.019	12-14/12/22
	2212-AA0436	10-11/12/22	0.054	0.022	12-14/12/22
	2212-AA0591	11-12/12/22	0.063	0.025	14-16/12/22
	2212-AA0595	12-13/12/22	0.063	0.019	14-16/12/22
Standard			0.33	0.12	

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

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

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

Reviewed by

Ms. Wareerut Prachumdaeng
Chief of Laboratory

23/12/22



Approved by

Mrs. Porntip Pethshee
Laboratory Manager

23/12/22

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TEST REPORT

Analysis No. : R22-3581

Received Date: 12-14/12/22

Customer : Technical Division of Thai Environmental Technic Limited

For บริษัท ตะวันแดง 1999 จำกัด

โครงการ โรงงานผลิตแอลกอฮอล์และสุรา (ส่วนขยาย ครั้งที่ 1) (ระยะดำเนินการ)

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Contact : -

Report Date : 23/12/22

Analysis Date : 12-16/12/22

Job No. : S650153/Dec

Sampling By : TET

Type of Sample : Ambient Air

Sampling Point	Sample No.	Sampling Date	Result		Analysis Date
			TSP (mg/m ³)	PM-10 (mg/m ³)	
ชุมชนบ้านขี้ผึ้ง (47P 0594438 UTM 1672284)	2212-AA0421	06-07/12/22	0.040	0.023	12-14/12/22
	2212-AA0425	07-08/12/22	0.040	0.023	12-14/12/22
	2212-AA0429	08-09/12/22	0.051	0.023	12-14/12/22
	2212-AA0433	09-10/12/22	0.037	0.022	12-14/12/22
	2212-AA0437	10-11/12/22	0.052	0.033	12-14/12/22
	2212-AA0592	11-12/12/22	0.054	0.028	14-16/12/22
	2212-AA0596	12-13/12/22	0.048	0.023	14-16/12/22
ชุมชนบ้านเขาน้อย บริเวณทิศตะวันตกเฉียงเหนือของโครงการ (47P 0597716 UTM 1672841)	2212-AA0422	06-07/12/22	0.042	0.020	12-14/12/22
	2212-AA0426	07-08/12/22	0.039	0.018	12-14/12/22
	2212-AA0430	08-09/12/22	0.101	0.025	12-14/12/22
	2212-AA0434	09-10/12/22	0.061	0.034	12-14/12/22
	2212-AA0438	10-11/12/22	0.065	0.028	12-14/12/22
	2212-AA0593	11-12/12/22	0.061	0.030	14-16/12/22
	2212-AA0597	12-13/12/22	0.080	0.047	14-16/12/22
Standard			0.33	0.12	

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

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

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

Reviewed by

Ms. Wareerut Prachumdaeng

Chief of Laboratory

23/12/22



Approved by

Mrs. Porntip Pethshee

Laboratory Manager

23/12/22

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TEST REPORT

Customer Name : บริษัท ตะวันแดง 1999 จำกัด
Project : โครงการโรงงานผลิตแอลกอฮอล์และสุรา (ส่วนขยาย ครั้งที่ 1)
(ระยะดำเนินการ)
Address : เลขที่ 88 หมู่ที่ 15 บ้านเขาน้อย ตำบลหนองแขง
อำเภอหันคา จังหวัดชัยนาท
Job No. : S650153/Dec

Report No. : 3581/2022/1-34
Report Date : December 19, 2022
Sampling Date : December 6-13, 2022
Type of Sample : Ambient Air

Item	Time	Result						
		ชุมชนบ้านเขาน้อย บริเวณทิศใต้ของโครงการ						
		NO ₂ (ppm)						
		06-07/12/22	07-08/12/22	08-09/12/22	09-10/12/22	10-11/12/22	11-12/12/22	12-13/12/22
1.	15:00-16:00	0.0011	0.0010	0.0010	0.0013	0.0011	0.0010	0.0012
2.	16:00-17:00	0.0010	0.0011	0.0017	0.0028	0.0014	0.0010	0.0022
3.	17:00-18:00	0.0009	0.0018	0.0015	0.0027	0.0015	0.0011	0.0023
4.	18:00-19:00	0.0011	0.0012	0.0014	0.0034	0.0022	0.0011	0.0019
5.	19:00-20:00	0.0022	0.0010	0.0010	0.0025	0.0024	0.0017	0.0017
6.	20:00-21:00	0.0018	0.0009	0.0010	0.0020	0.0015	0.0024	0.0018
7.	21:00-22:00	0.0026	0.0009	0.0010	0.0018	0.0011	0.0037	0.0009
8.	22:00-23:00	0.0041	0.0009	0.0011	0.0010	0.0012	0.0027	0.0015
9.	23:00-00:00	0.0019	0.0012	0.0014	0.0010	0.0012	0.0028	0.0011
10.	00:00-01:00	0.0016	0.0012	0.0013	0.0009	0.0012	0.0017	0.0011
11.	01:00-02:00	0.0012	0.0013	0.0011	0.0010	0.0011	0.0014	0.0011
12.	02:00-03:00	0.0027	0.0011	0.0011	0.0010	0.0012	0.0021	0.0010
13.	03:00-04:00	0.0021	0.0010	0.0013	0.0010	0.0012	0.0023	0.0009
14.	04:00-05:00	0.0019	0.0011	0.0013	0.0009	0.0012	0.0029	0.0012
15.	05:00-06:00	0.0024	0.0013	0.0011	0.0010	0.0011	0.0013	0.0012
16.	06:00-07:00	0.0019	0.0013	0.0013	0.0011	0.0010	0.0011	0.0012
17.	07:00-08:00	0.0029	0.0013	0.0022	0.0011	0.0014	0.0012	0.0011
18.	08:00-09:00	0.0014	0.0013	0.0023	0.0011	0.0018	0.0009	0.0013
19.	09:00-10:00	0.0012	0.0013	0.0022	0.0014	0.0019	0.0010	0.0010
20.	10:00-11:00	0.0017	0.0014	0.0011	0.0013	0.0012	0.0011	0.0010
21.	11:00-12:00	0.0019	0.0010	0.0009	0.0013	0.0030	0.0012	0.0011
22.	12:00-13:00	0.0019	0.0011	0.0010	0.0014	0.0014	0.0010	0.0012
23.	13:00-14:00	0.0010	0.0012	0.0011	0.0012	0.0014	0.0011	0.0021
24.	14:00-15:00	0.0013	0.0013	0.0011	0.0012	0.0011	0.0014	0.0014
Minimum		0.0009	0.0009	0.0009	0.0009	0.0010	0.0009	0.0009
Maximum		0.0041	0.0018	0.0023	0.0034	0.0030	0.0037	0.0023
Average		0.0018	0.0012	0.0013	0.0015	0.0015	0.0016	0.0014
Standard		0.17						

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

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager

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TEST REPORT

Customer Name : บริษัท ตะวันแดง 1999 จำกัด
Project : โครงการโรงงานผลิตแอลกอฮอล์และสุรา (ส่วนขยาย ครั้งที่ 1)
(ระยะดำเนินการ)
Address : เลขที่ 88 หมู่ที่ 15 บ้านเขาน้อย ตำบลหนองแขง
อำเภอหันคา จังหวัดชัยนาท
Job No. : S650153/Dec

Report No. : 3581/2022/2-34
Report Date : December 19, 2022
Sampling Date : December 6-13, 2022
Type of Sample : Ambient Air

Item	Time	Result						
		วัดรางตุ้						
		NO ₂ (ppm)						
		06-07/12/22	07-08/12/22	08-09/12/22	09-10/12/22	10-11/12/22	11-12/12/22	12-13/12/22
1.	14:00-15:00	0.0006	0.0020	0.0009	0.0008	0.0006	0.0007	0.0005
2.	15:00-16:00	0.0007	0.0015	0.0009	0.0018	0.0006	0.0008	0.0008
3.	16:00-17:00	0.0009	0.0025	0.0007	0.0029	0.0005	0.0008	0.0008
4.	17:00-18:00	0.0009	0.0010	0.0007	0.0035	0.0006	0.0008	0.0008
5.	18:00-19:00	0.0009	0.0008	0.0013	0.0013	0.0006	0.0007	0.0007
6.	19:00-20:00	0.0009	0.0013	0.0020	0.0014	0.0006	0.0008	0.0009
7.	20:00-21:00	0.0009	0.0015	0.0033	0.0025	0.0005	0.0008	0.0006
8.	21:00-22:00	0.0010	0.0015	0.0023	0.0021	0.0006	0.0008	0.0006
9.	22:00-23:00	0.0006	0.0006	0.0024	0.0017	0.0007	0.0007	0.0007
10.	23:00-00:00	0.0007	0.0009	0.0013	0.0007	0.0009	0.0006	0.0008
11.	00:00-01:00	0.0007	0.0008	0.0010	0.0007	0.0024	0.0010	0.0010
12.	01:00-02:00	0.0006	0.0009	0.0017	0.0010	0.0023	0.0014	0.0011
13.	02:00-03:00	0.0005	0.0006	0.0019	0.0009	0.0030	0.0015	0.0006
14.	03:00-04:00	0.0007	0.0013	0.0025	0.0009	0.0031	0.0008	0.0007
15.	04:00-05:00	0.0018	0.0011	0.0009	0.0010	0.0026	0.0026	0.0014
16.	05:00-06:00	0.0014	0.0010	0.0007	0.0008	0.0014	0.0010	0.0008
17.	06:00-07:00	0.0022	0.0006	0.0008	0.0008	0.0009	0.0010	0.0006
18.	07:00-08:00	0.0037	0.0006	0.0005	0.0007	0.0018	0.0007	0.0005
19.	08:00-09:00	0.0015	0.0006	0.0006	0.0010	0.0019	0.0006	0.0005
20.	09:00-10:00	0.0012	0.0007	0.0007	0.0011	0.0018	0.0006	0.0005
21.	10:00-11:00	0.0008	0.0010	0.0008	0.0018	0.0007	0.0007	0.0008
22.	11:00-12:00	0.0023	0.0009	0.0006	0.0020	0.0005	0.0007	0.0008
23.	12:00-13:00	0.0017	0.0007	0.0007	0.0011	0.0006	0.0007	0.0009
24.	13:00-14:00	0.0015	0.0007	0.0010	0.0007	0.0007	0.0006	0.0007
Minimum		0.0005	0.0006	0.0005	0.0007	0.0005	0.0006	0.0005
Maximum		0.0037	0.0025	0.0033	0.0035	0.0031	0.0026	0.0014
Average		0.0012	0.0010	0.0013	0.0014	0.0012	0.0009	0.0008
Standard		0.17						

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

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager

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TEST REPORT

Customer Name : บริษัท ตะวันแดง 1999 จำกัด
Project : โครงการโรงงานผลิตแอลกอฮอล์และสุรา (ส่วนขยาย ครั้งที่ 1)
(ระยะดำเนินการ)
Address : เลขที่ 88 หมู่ที่ 15 บ้านเขาน้อย ตำบลหนองแขง
อำเภอหันคา จังหวัดชัยนาท
Job No. : S650153/Dec

Report No. : 3581/2022/3-34
Report Date : December 19, 2022
Sampling Date : December 6-13, 2022
Type of Sample : Ambient Air

Item	Time	Result						
		ชุมชนบ้านขี้ผึ้ง						
		NO ₂ (ppm)						
		06-07/12/22	07-08/12/22	08-09/12/22	09-10/12/22	10-11/12/22	11-12/12/22	12-13/12/22
1.	14:00-15:00	0.0020	0.0018	0.0027	0.0012	0.0003	0.0008	0.0012
2.	15:00-16:00	0.0021	0.0014	0.0028	0.0005	0.0004	0.0008	0.0012
3.	16:00-17:00	0.0010	0.0004	0.0023	0.0023	0.0011	0.0015	0.0009
4.	17:00-18:00	0.0007	0.0004	0.0011	0.0007	0.0005	0.0017	0.0006
5.	18:00-19:00	0.0014	0.0007	0.0006	0.0007	0.0003	0.0008	0.0005
6.	19:00-20:00	0.0016	0.0006	0.0015	0.0004	0.0003	0.0007	0.0006
7.	20:00-21:00	0.0022	0.0006	0.0016	0.0003	0.0004	0.0006	0.0003
8.	21:00-22:00	0.0006	0.0007	0.0015	0.0003	0.0004	0.0005	0.0010
9.	22:00-23:00	0.0004	0.0005	0.0004	0.0004	0.0003	0.0008	0.0008
10.	23:00-00:00	0.0005	0.0005	0.0002	0.0004	0.0002	0.0005	0.0007
11.	00:00-01:00	0.0004	0.0004	0.0003	0.0004	0.0004	0.0005	0.0003
12.	01:00-02:00	0.0003	0.0007	0.0004	0.0003	0.0015	0.0006	0.0003
13.	02:00-03:00	0.0004	0.0003	0.0004	0.0002	0.0011	0.0004	0.0003
14.	03:00-04:00	0.0005	0.0003	0.0005	0.0005	0.0019	0.0009	0.0004
15.	04:00-05:00	0.0005	0.0005	0.0005	0.0005	0.0034	0.0004	0.0007
16.	05:00-06:00	0.0004	0.0003	0.0005	0.0005	0.0012	0.0006	0.0006
17.	06:00-07:00	0.0007	0.0003	0.0004	0.0004	0.0009	0.0006	0.0004
18.	07:00-08:00	0.0005	0.0003	0.0005	0.0006	0.0005	0.0006	0.0004
19.	08:00-09:00	0.0015	0.0012	0.0005	0.0003	0.0020	0.0006	0.0006
20.	09:00-10:00	0.0026	0.0013	0.0005	0.0003	0.0014	0.0006	0.0006
21.	10:00-11:00	0.0032	0.0014	0.0004	0.0004	0.0012	0.0007	0.0004
22.	11:00-12:00	0.0010	0.0016	0.0003	0.0005	0.0017	0.0007	0.0004
23.	12:00-13:00	0.0011	0.0021	0.0007	0.0007	0.0012	0.0005	0.0010
24.	13:00-14:00	0.0022	0.0020	0.0011	0.0008	0.0022	0.0010	0.0017
Minimum		0.0003	0.0003	0.0002	0.0002	0.0002	0.0004	0.0003
Maximum		0.0032	0.0021	0.0028	0.0023	0.0034	0.0017	0.0017
Average		0.0012	0.0008	0.0009	0.0006	0.0010	0.0007	0.0007
Standard		0.17						

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

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager

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TEST REPORT

Customer Name : บริษัท ตะวันแดง 1999 จำกัด
Project : โครงการโรงงานผลิตแอลกอฮอล์และสุรา (ส่วนขยาย ครั้งที่ 1)
(ระยะดำเนินการ)
Address : เลขที่ 88 หมู่ที่ 15 บ้านเขาน้อย ตำบลหนองแขง
อำเภอหันคา จังหวัดชัยนาท
Job No. : S650153/Dec

Report No. : 3581/2022/4-34
Report Date : December 19, 2022
Sampling Date : December 6-13, 2022
Type of Sample : Ambient Air

Item	Time	Result						
		ชุมชนบ้านเขาน้อย บริเวณทิศตะวันตกเฉียงเหนือของโครงการ						
		NO ₂ (ppm)						
		06-07/12/22	07-08/12/22	08-09/12/22	09-10/12/22	10-11/12/22	11-12/12/22	12-13/12/22
1.	16:00-17:00	0.0015	0.0021	0.0017	0.0014	0.0016	0.0006	0.0011
2.	17:00-18:00	0.0017	0.0021	0.0017	0.0016	0.0016	0.0007	0.0012
3.	18:00-19:00	0.0039	0.0012	0.0019	0.0002	0.0007	0.0006	0.0008
4.	19:00-20:00	0.0014	0.0010	0.0005	0.0007	0.0004	0.0015	0.0011
5.	20:00-21:00	0.0024	0.0007	0.0010	0.0020	0.0011	0.0012	0.0015
6.	21:00-22:00	0.0020	0.0006	0.0023	0.0010	0.0015	0.0017	0.0015
7.	22:00-23:00	0.0013	0.0005	0.0013	0.0005	0.0013	0.0008	0.0011
8.	23:00-00:00	0.0026	0.0007	0.0008	0.0011	0.0009	0.0005	0.0007
9.	00:00-01:00	0.0032	0.0005	0.0014	0.0007	0.0009	0.0004	0.0006
10.	01:00-02:00	0.0023	0.0011	0.0010	0.0013	0.0007	0.0003	0.0003
11.	02:00-03:00	0.0007	0.0009	0.0005	0.0011	0.0004	0.0003	0.0004
12.	03:00-04:00	0.0002	0.0004	0.0008	0.0007	0.0006	0.0005	0.0012
13.	04:00-05:00	0.0003	0.0007	0.0005	0.0010	0.0006	0.0005	0.0008
14.	05:00-06:00	0.0007	0.0004	0.0005	0.0007	0.0003	0.0006	0.0009
15.	06:00-07:00	0.0001	0.0004	0.0004	0.0007	0.0002	0.0008	0.0007
16.	07:00-08:00	0.0002	0.0003	0.0003	0.0006	0.0003	0.0007	0.0011
17.	08:00-09:00	0.0006	0.0002	0.0004	0.0005	0.0003	0.0008	0.0015
18.	09:00-10:00	0.0008	0.0003	0.0005	0.0006	0.0014	0.0006	0.0018
19.	10:00-11:00	0.0009	0.0004	0.0004	0.0007	0.0020	0.0006	0.0022
20.	11:00-12:00	0.0012	0.0003	0.0005	0.0006	0.0010	0.0012	0.0020
21.	12:00-13:00	0.0015	0.0004	0.0014	0.0007	0.0005	0.0010	0.0012
22.	13:00-14:00	0.0008	0.0007	0.0008	0.0016	0.0006	0.0007	0.0010
23.	14:00-15:00	0.0009	0.0007	0.0013	0.0010	0.0017	0.0008	0.0007
24.	15:00-16:00	0.0013	0.0016	0.0014	0.0015	0.0007	0.0016	0.0008
Minimum		0.0001	0.0002	0.0003	0.0002	0.0002	0.0003	0.0003
Maximum		0.0039	0.0021	0.0023	0.0020	0.0020	0.0017	0.0022
Average		0.0014	0.0008	0.0010	0.0009	0.0009	0.0008	0.0011
Standard		0.17						

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

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager

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TEST REPORT

Customer Name : บริษัท ตะวันแดง 1999 จำกัด
Project : โครงการโรงงานผลิตแอลกอฮอล์และสุรา (ส่วนขยาย ครั้งที่ 1)
(ระยะดำเนินการ)
Address : เลขที่ 88 หมู่ที่ 15 บ้านเขาน้อย ตำบลหนองแขง
อำเภอหันคา จังหวัดชัยนาท
Job No. : S650153/Dec

Report No. : 3581/2022/5-34
Report Date : December 19, 2022
Sampling Date : December 6-13, 2022
Type of Sample : Ambient Air

Item	Time	Result						
		ชุมชนบ้านเขาน้อย บริเวณทิศใต้ของโครงการ						
		SO ₂ (ppm)						
		06-07/12/22	07-08/12/22	08-09/12/22	09-10/12/22	10-11/12/22	11-12/12/22	12-13/12/22
1.	15:00-16:00	0.0022	0.0010	0.0024	0.0007	0.0007	0.0008	0.0007
2.	16:00-17:00	0.0037	0.0008	0.0013	0.0007	0.0009	0.0007	0.0006
3.	17:00-18:00	0.0018	0.0013	0.0010	0.0007	0.0024	0.0010	0.0006
4.	18:00-19:00	0.0014	0.0015	0.0017	0.0006	0.0023	0.0011	0.0007
5.	19:00-20:00	0.0007	0.0015	0.0019	0.0005	0.0030	0.0018	0.0007
6.	20:00-21:00	0.0006	0.0006	0.0025	0.0008	0.0021	0.0020	0.0013
7.	21:00-22:00	0.0005	0.0009	0.0009	0.0008	0.0016	0.0011	0.0011
8.	22:00-23:00	0.0007	0.0006	0.0007	0.0008	0.0014	0.0007	0.0010
9.	23:00-00:00	0.0008	0.0007	0.0008	0.0007	0.0006	0.0008	0.0006
10.	00:00-01:00	0.0006	0.0014	0.0005	0.0009	0.0006	0.0008	0.0006
11.	01:00-02:00	0.0005	0.0009	0.0006	0.0006	0.0005	0.0008	0.0006
12.	02:00-03:00	0.0005	0.0007	0.0007	0.0006	0.0006	0.0007	0.0007
13.	03:00-04:00	0.0005	0.0006	0.0008	0.0007	0.0006	0.0008	0.0010
14.	04:00-05:00	0.0008	0.0007	0.0006	0.0008	0.0006	0.0008	0.0009
15.	05:00-06:00	0.0008	0.0009	0.0007	0.0017	0.0005	0.0008	0.0007
16.	06:00-07:00	0.0015	0.0009	0.0010	0.0010	0.0006	0.0007	0.0007
17.	07:00-08:00	0.0012	0.0009	0.0008	0.0011	0.0007	0.0006	0.0009
18.	08:00-09:00	0.0008	0.0009	0.0018	0.0018	0.0007	0.0010	0.0009
19.	09:00-10:00	0.0023	0.0009	0.0019	0.0019	0.0007	0.0014	0.0007
20.	10:00-11:00	0.0017	0.0010	0.0015	0.0018	0.0010	0.0015	0.0009
21.	11:00-12:00	0.0015	0.0013	0.0013	0.0007	0.0009	0.0008	0.0006
22.	12:00-13:00	0.0020	0.0020	0.0014	0.0005	0.0009	0.0026	0.0007
23.	13:00-14:00	0.0015	0.0033	0.0005	0.0006	0.0010	0.0010	0.0008
24.	14:00-15:00	0.0025	0.0023	0.0011	0.0007	0.0008	0.0010	0.0009
Minimum		0.0005	0.0006	0.0005	0.0005	0.0005	0.0006	0.0006
Maximum		0.0037	0.0033	0.0025	0.0019	0.0030	0.0026	0.0013
Average		0.0013	0.0011	0.0012	0.0009	0.0011	0.0011	0.0008
Standard		0.30						

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

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager

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TEST REPORT

Customer Name : บริษัท ตะวันแดง 1999 จำกัด
Project : โครงการโรงงานผลิตแอลกอฮอล์และสุรา (ส่วนขยาย ครั้งที่ 1)
(ระยะดำเนินการ)
Address : เลขที่ 88 หมู่ที่ 15 บ้านเขาน้อย ตำบลหนองแขง
อำเภอหันคา จังหวัดชัยนาท
Job No. : S650153/Dec

Report No. : 3581/2022/6-34
Report Date : December 19, 2022
Sampling Date : December 6-13, 2022
Type of Sample : Ambient Air

Item	Time	Result						
		วัดรางคู่						
		SO ₂ (ppm)						
		06-07/12/22	07-08/12/22	08-09/12/22	09-10/12/22	10-11/12/22	11-12/12/22	12-13/12/22
1.	14:00-15:00	0.0023	0.0027	0.0015	0.0014	0.0025	0.0020	0.0021
2.	15:00-16:00	0.0019	0.0018	0.0008	0.0015	0.0026	0.0010	0.0018
3.	16:00-17:00	0.0013	0.0014	0.0007	0.0008	0.0023	0.0008	0.0020
4.	17:00-18:00	0.0012	0.0015	0.0008	0.0015	0.0013	0.0016	0.0021
5.	18:00-19:00	0.0010	0.0014	0.0010	0.0015	0.0012	0.0013	0.0020
6.	19:00-20:00	0.0011	0.0018	0.0006	0.0013	0.0011	0.0013	0.0014
7.	20:00-21:00	0.0012	0.0020	0.0011	0.0015	0.0009	0.0008	0.0007
8.	21:00-22:00	0.0018	0.0015	0.0005	0.0009	0.0006	0.0007	0.0006
9.	22:00-23:00	0.0017	0.0013	0.0010	0.0019	0.0004	0.0007	0.0008
10.	23:00-00:00	0.0012	0.0008	0.0017	0.0018	0.0008	0.0012	0.0018
11.	00:00-01:00	0.0019	0.0009	0.0016	0.0022	0.0005	0.0010	0.0019
12.	01:00-02:00	0.0005	0.0010	0.0006	0.0022	0.0006	0.0009	0.0013
13.	02:00-03:00	0.0007	0.0012	0.0006	0.0022	0.0006	0.0016	0.0013
14.	03:00-04:00	0.0003	0.0006	0.0006	0.0016	0.0006	0.0012	0.0014
15.	04:00-05:00	0.0010	0.0010	0.0005	0.0019	0.0005	0.0020	0.0024
16.	05:00-06:00	0.0015	0.0004	0.0001	0.0028	0.0009	0.0021	0.0004
17.	06:00-07:00	0.0015	0.0013	0.0008	0.0015	0.0007	0.0015	0.0020
18.	07:00-08:00	0.0007	0.0013	0.0006	0.0003	0.0005	0.0008	0.0016
19.	08:00-09:00	0.0019	0.0007	0.0012	0.0013	0.0005	0.0010	0.0015
20.	09:00-10:00	0.0014	0.0009	0.0017	0.0026	0.0016	0.0011	0.0014
21.	10:00-11:00	0.0010	0.0010	0.0020	0.0026	0.0024	0.0009	0.0009
22.	11:00-12:00	0.0010	0.0005	0.0017	0.0022	0.0008	0.0008	0.0004
23.	12:00-13:00	0.0011	0.0012	0.0023	0.0010	0.0011	0.0016	0.0012
24.	13:00-14:00	0.0014	0.0022	0.0007	0.0011	0.0010	0.0011	0.0010
Minimum		0.0003	0.0004	0.0001	0.0003	0.0004	0.0007	0.0004
Maximum		0.0023	0.0027	0.0023	0.0028	0.0026	0.0021	0.0024
Average		0.0013	0.0013	0.0010	0.0016	0.0011	0.0012	0.0014
Standard		0.30						

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

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager

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TEST REPORT

Customer Name : บริษัท ตะวันแดง 1999 จำกัด
Project : โครงการโรงงานผลิตแอลกอฮอล์และสุรา (ส่วนขยาย ครั้งที่ 1)
(ระยะดำเนินการ)
Address : เลขที่ 88 หมู่ที่ 15 บ้านเขาน้อย ตำบลหนองแขง
อำเภอหันคา จังหวัดชัยนาท
Job No. : S650153/Dec

Report No. : 3581/2022/7-34
Report Date : December 19, 2022
Sampling Date : December 6-13, 2022
Type of Sample : Ambient Air

Item	Time	Result						
		ชุมชนบ้านซึกฝาง						
		SO ₂ (ppm)						
		06-07/12/22	07-08/12/22	08-09/12/22	09-10/12/22	10-11/12/22	11-12/12/22	12-13/12/22
1.	14:00-15:00	0.0012	0.0015	0.0009	0.0006	0.0021	0.0018	0.0010
2.	15:00-16:00	0.0010	0.0020	0.0015	0.0012	0.0015	0.0004	0.0005
3.	16:00-17:00	0.0010	0.0006	0.0012	0.0011	0.0018	0.0007	0.0003
4.	17:00-18:00	0.0019	0.0007	0.0009	0.0011	0.0015	0.0005	0.0010
5.	18:00-19:00	0.0011	0.0012	0.0004	0.0008	0.0020	0.0008	0.0004
6.	19:00-20:00	0.0024	0.0009	0.0009	0.0007	0.0011	0.0014	0.0005
7.	20:00-21:00	0.0012	0.0009	0.0014	0.0008	0.0008	0.0022	0.0011
8.	21:00-22:00	0.0005	0.0008	0.0020	0.0008	0.0007	0.0011	0.0009
9.	22:00-23:00	0.0009	0.0009	0.0013	0.0019	0.0006	0.0012	0.0004
10.	23:00-00:00	0.0016	0.0003	0.0012	0.0015	0.0006	0.0010	0.0015
11.	00:00-01:00	0.0015	0.0005	0.0006	0.0013	0.0004	0.0004	0.0008
12.	01:00-02:00	0.0014	0.0005	0.0009	0.0008	0.0005	0.0008	0.0011
13.	02:00-03:00	0.0009	0.0006	0.0004	0.0009	0.0006	0.0004	0.0009
14.	03:00-04:00	0.0009	0.0011	0.0005	0.0020	0.0011	0.0013	0.0013
15.	04:00-05:00	0.0014	0.0002	0.0011	0.0010	0.0010	0.0006	0.0011
16.	05:00-06:00	0.0006	0.0008	0.0007	0.0009	0.0011	0.0008	0.0009
17.	06:00-07:00	0.0009	0.0011	0.0008	0.0010	0.0009	0.0030	0.0012
18.	07:00-08:00	0.0013	0.0008	0.0017	0.0014	0.0009	0.0035	0.0010
19.	08:00-09:00	0.0013	0.0008	0.0011	0.0010	0.0015	0.0015	0.0007
20.	09:00-10:00	0.0009	0.0007	0.0020	0.0010	0.0013	0.0011	0.0006
21.	10:00-11:00	0.0010	0.0022	0.0021	0.0008	0.0010	0.0004	0.0010
22.	11:00-12:00	0.0009	0.0012	0.0021	0.0013	0.0011	0.0017	0.0008
23.	12:00-13:00	0.0006	0.0007	0.0023	0.0009	0.0025	0.0003	0.0006
24.	13:00-14:00	0.0007	0.0013	0.0015	0.0018	0.0014	0.0014	0.0008
Minimum		0.0005	0.0002	0.0004	0.0006	0.0004	0.0003	0.0003
Maximum		0.0024	0.0022	0.0023	0.0020	0.0025	0.0035	0.0015
Average		0.0011	0.0009	0.0012	0.0011	0.0012	0.0012	0.0009
Standard		0.30						

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

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager

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TEST REPORT

Customer Name : บริษัท ตะวันแดง 1999 จำกัด
Project : โครงการโรงงานผลิตแอลกอฮอล์และสุรา (ส่วนขยาย ครั้งที่ 1)
(ระยะดำเนินการ)
Address : เลขที่ 88 หมู่ที่ 15 บ้านเขาน้อย ตำบลหนองแขง
อำเภอหันคา จังหวัดชัยนาท
Job No. : S650153/Dec

Report No. : 3581/2022/8-34
Report Date : December 19, 2022
Sampling Date : December 6-13, 2022
Type of Sample : Ambient Air

Item	Time	Result						
		ชุมชนบ้านเขาน้อย บริเวณทิศตะวันตกเฉียงเหนือของโครงการ						
		SO ₂ (ppm)						
		06-07/12/22	07-08/12/22	08-09/12/22	09-10/12/22	10-11/12/22	11-12/12/22	12-13/12/22
1.	16:00-17:00	0.0021	0.0012	0.0025	0.0009	0.0010	0.0027	0.0008
2.	17:00-18:00	0.0032	0.0021	0.0039	0.0009	0.0008	0.0011	0.0010
3.	18:00-19:00	0.0038	0.0022	0.0018	0.0008	0.0009	0.0011	0.0011
4.	19:00-20:00	0.0016	0.0021	0.0014	0.0010	0.0010	0.0011	0.0010
5.	20:00-21:00	0.0017	0.0009	0.0011	0.0012	0.0010	0.0010	0.0010
6.	21:00-22:00	0.0028	0.0008	0.0025	0.0012	0.0009	0.0011	0.0011
7.	22:00-23:00	0.0024	0.0009	0.0020	0.0010	0.0010	0.0011	0.0009
8.	23:00-00:00	0.0019	0.0009	0.0018	0.0010	0.0013	0.0011	0.0009
9.	00:00-01:00	0.0010	0.0009	0.0023	0.0012	0.0010	0.0010	0.0010
10.	01:00-02:00	0.0010	0.0010	0.0018	0.0012	0.0011	0.0009	0.0011
11.	02:00-03:00	0.0012	0.0012	0.0028	0.0009	0.0009	0.0013	0.0012
12.	03:00-04:00	0.0012	0.0012	0.0013	0.0009	0.0010	0.0017	0.0013
13.	04:00-05:00	0.0012	0.0012	0.0011	0.0009	0.0008	0.0018	0.0009
14.	05:00-06:00	0.0013	0.0011	0.0016	0.0009	0.0008	0.0011	0.0010
15.	06:00-07:00	0.0011	0.0011	0.0018	0.0009	0.0010	0.0029	0.0017
16.	07:00-08:00	0.0011	0.0013	0.0018	0.0008	0.0010	0.0013	0.0011
17.	08:00-09:00	0.0009	0.0009	0.0009	0.0008	0.0027	0.0013	0.0009
18.	09:00-10:00	0.0012	0.0010	0.0011	0.0015	0.0026	0.0009	0.0008
19.	10:00-11:00	0.0014	0.0010	0.0011	0.0013	0.0033	0.0009	0.0008
20.	11:00-12:00	0.0021	0.0008	0.0011	0.0020	0.0033	0.0009	0.0008
21.	12:00-13:00	0.0023	0.0008	0.0009	0.0022	0.0016	0.0010	0.0011
22.	13:00-14:00	0.0014	0.0009	0.0015	0.0028	0.0023	0.0010	0.0011
23.	14:00-15:00	0.0029	0.0021	0.0013	0.0012	0.0036	0.0010	0.0011
24.	15:00-16:00	0.0017	0.0017	0.0012	0.0010	0.0026	0.0008	0.0010
Minimum		0.0009	0.0008	0.0009	0.0008	0.0008	0.0008	0.0008
Maximum		0.0038	0.0022	0.0039	0.0028	0.0036	0.0029	0.0017
Average		0.0018	0.0012	0.0017	0.0012	0.0016	0.0013	0.0010
Standard		0.30						

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

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager

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TEST REPORT

Customer Name : บริษัท ตะวันแดง 1999 จำกัด
Project : โครงการโรงงานผลิตแอลกอฮอล์และสุรา (ส่วนขยาย ครั้งที่ 1)
(ระยะดำเนินการ)
Address : เลขที่ 88 หมู่ที่ 15 บ้านเขาน้อย ตำบลหนองแขง
อำเภอหันคา จังหวัดชัยนาท
Job No. : S650153/Dec

Report No. : 3581/2022/13-34
Report Date : December 19, 2022
Sampling Date : December 6-13, 2022
Type of Sample : WS & WD

Item	Time	ชุมชนบ้านเขาน้อย บริเวณทิศใต้ของโครงการ													
		06-07/12/22		07-08/12/22		08-09/12/22		09-10/12/22		10-11/12/22		11-12/12/22		12-13/12/22	
		WS	WD	WS	WD	WS	WD	WS	WD	WS	WD	WS	WD	WS	WD
1.	15.00	1.3	NE	1.8	W	1.3	WSW	1.3	WSW	1.3	W	1.8	WSW	1.3	NW
2.	16.00	1.3	N	1.8	WNW	1.3	WSW	1.3	SW	0.9	WNW	1.3	W	1.3	W
3.	17.00	1.3	N	1.3	WSW	0.9	SW	0.9	SW	0.9	NW	1.3	SW	0.9	W
4.	18.00	0.9	WNW	0.4	NW	0.4	S	0.4	S	0.0	NW	0.9	SSW	0.4	NNW
5.	19.00	0.4	NW	0.4	SSW	0.4	S	0.0	S	0.0	N	0.4	S	0.0	NNW
6.	20.00	0.4	SW	0.9	SSW	0.9	S	0.4	ESE	0.4	ESE	0.0	ESE	0.9	ESE
7.	21.00	0.4	WNW	0.4	SSW	0.9	SSW	0.0	SE	0.9	ESE	0.0	ESE	0.9	ESE
8.	22.00	0.9	WNW	0.0	SW	0.4	SSW	0.0	SE	0.4	ESE	0.0	SE	0.0	ESE
9.	23.00	0.4	NW	0.0	SSE	0.4	SE	0.4	ESE	0.4	SE	0.4	ESE	0.4	ESE
10.	00.00	0.4	E	0.4	WSW	0.9	ESE	0.4	ESE	0.9	SE	0.0	SE	0.0	ESE
11.	01.00	0.4	SW	0.0	WSW	0.9	ESE	0.4	ESE	0.9	SE	0.4	ESE	0.9	SE
12.	02.00	0.0	NNE	0.4	SSW	0.4	SE	0.0	ESE	0.9	SE	0.0	SE	0.9	SE
13.	03.00	0.0	SW	0.9	SW	0.0	SE	0.0	SE	0.0	W	0.4	ESE	0.4	W
14.	04.00	0.0	SW	0.4	SSW	0.0	ESE	0.0	SW	0.0	WSW	0.4	ESE	0.0	W
15.	05.00	0.0	N	0.9	SW	0.0	ESE	1.3	SSW	0.0	WSW	0.4	SSW	0.0	S
16.	06.00	0.0	NNW	0.9	WSW	0.0	NW	0.9	S	0.4	ESE	1.3	SSW	0.0	S
17.	07.00	0.4	N	0.9	W	0.0	WSW	0.0	S	0.0	SE	0.0	SSW	0.4	ESE
18.	08.00	1.3	NW	1.3	WSW	0.9	SW	1.3	SW	0.0	SE	0.4	SW	0.0	ESE
19.	09.00	0.9	N	1.3	W	0.9	WSW	1.3	WSW	0.0	SSW	1.8	SW	0.0	ESE
20.	10.00	1.3	N	2.2	W	1.8	WNW	1.8	WNW	1.8	WNW	1.3	W	0.9	NW
21.	11.00	1.8	NNE	2.7	W	1.8	WNW	1.8	NW	1.8	NW	1.8	NW	1.8	NW
22.	12.00	1.3	N	2.2	WNW	1.8	W	1.3	SW	1.8	WNW	1.3	WNW	1.3	NW
23.	13.00	1.8	NW	2.2	WNW	2.2	WNW	1.3	W	2.2	W	1.3	NW	1.8	WSW
24.	14.00	1.8	W	1.8	W	1.8	W	0.9	WNW	2.2	W	1.3	WSW	1.3	NW
Average		0.8	-	1.1	-	0.8	-	0.7	-	0.8	-	0.8	-	0.6	-

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

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager

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TEST REPORT

Customer Name : บริษัท ตะวันแดง 1999 จำกัด
Project : โครงการโรงงานผลิตแอลกอฮอล์และสุรา (ส่วนขยาย ครั้งที่ 1)
(ระยะดำเนินการ)
Address : เลขที่ 88 หมู่ที่ 15 บ้านเขาน้อย ตำบลหนองแขง
อำเภอหันคา จังหวัดชัยนาท
Job No. : S650153/Dec

Report No. : 3581/2022/14-34
Report Date : December 19, 2022
Sampling Date : December 6-13, 2022
Type of Sample : WS & WD

Item	Time	วัดแรงดัน													
		06-07/12/22		07-08/12/22		08-09/12/22		09-10/12/22		10-11/12/22		11-12/12/22		12-13/12/22	
		WS	WD	WS	WD	WS	WD	WS	WD	WS	WD	WS	WD	WS	WD
1.	14.00	0.4	N	1.3	NNW	0.9	NNW	1.3	NNW	0.4	NNW	0.9	NE	1.8	NE
2.	15.00	0.9	NNW	0.9	N	0.9	N	0.4	NW	0.4	NW	0.9	NNE	0.9	NNE
3.	16.00	0.9	N	0.4	NNW	0.4	NNW	0.4	NW	0.4	NW	0.4	N	0.9	NNE
4.	17.00	0.4	NNW	0.4	NNW	0.4	NNW	0.4	NW	0.4	N	0.4	N	0.9	NNE
5.	18.00	0.0	NNW	0.0	NNW	0.0	NNW	0.0	NW	0.0	N	0.0	NNE	0.4	N
6.	19.00	0.0	NNW	0.0	NNW	0.0	NNW	0.0	NW	0.0	N	0.0	NNE	0.9	NNE
7.	20.00	0.0	NW	0.0	NNW	0.0	NNW	0.0	NW	0.0	N	0.0	NNE	0.0	N
8.	21.00	0.0	NW	0.0	NW	0.0	NNW	0.0	NW	0.0	NW	0.0	NNE	0.0	N
9.	22.00	0.0	NW	0.0	NW	0.0	NNW	0.0	NW	0.0	NW	0.0	NNE	0.0	N
10.	23.00	0.4	NW	0.0	NW	0.0	WNW	0.0	NW	0.0	N	0.0	NNE	0.0	N
11.	00.00	0.0	WNW	0.0	WNW	0.0	WNW	0.0	W	0.0	N	0.0	NNE	0.0	N
12.	01.00	0.0	WNW	0.0	W	0.0	WNW	0.0	W	0.0	N	0.0	NNE	0.0	N
13.	02.00	0.0	WNW	0.0	W	0.0	WNW	0.0	W	0.0	N	0.0	NNE	0.0	N
14.	03.00	0.0	WNW	0.4	WSW	0.0	WNW	0.0	W	0.0	N	0.0	NNE	0.0	N
15.	04.00	0.0	WNW	0.0	WSW	0.0	W	0.0	W	0.0	NNE	0.0	NNE	0.0	NNE
16.	05.00	0.0	WNW	0.0	WSW	0.0	W	0.0	WSW	0.0	NNE	0.0	NNE	0.0	NNE
17.	06.00	0.0	WNW	0.0	WSW	0.0	W	0.0	WSW	0.0	NNE	0.0	NNE	0.0	NNE
18.	07.00	0.0	WNW	0.0	WSW	0.0	W	0.0	WSW	0.0	NNE	0.0	NNE	0.0	NNE
19.	08.00	0.0	NNW	0.0	WSW	0.4	WSW	0.4	WSW	0.0	NNE	0.0	NNE	0.0	NNE
20.	09.00	0.0	NNW	0.4	NNW	0.4	N	0.0	WSW	0.0	NNE	1.3	NNE	0.0	NNE
21.	10.00	0.4	NNW	0.9	NNW	1.3	N	0.9	NNW	1.8	NNE	1.8	NNE	0.0	NNE
22.	11.00	0.9	N	1.8	N	1.3	NNW	1.3	NNE	1.3	N	1.8	NNE	1.8	NE
23.	12.00	0.9	N	1.3	NNW	1.8	N	0.9	NNW	1.8	NE	1.3	NNE	1.8	NNE
24.	13.00	1.8	N	1.3	NNW	1.3	N	0.4	N	1.3	NE	1.8	NNE	2.2	NNE
Average		0.3	-	0.4	-	0.4	-	0.3	-	0.3	-	0.4	-	0.5	-

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

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager

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TEST REPORT

Customer Name : บริษัท ตะวันแดง 1999 จำกัด

Report No. : 3581/2022/15-34

Project : โครงการโรงงานผลิตแอลกอฮอล์และสุรา (ส่วนขยาย ครั้งที่ 1)
(ระยะดำเนินการ)

Report Date : December 19, 2022

Sampling Date : December 6-13, 2022

Address : เลขที่ 88 หมู่ที่ 15 บ้านเขาน้อย ตำบลหนองแขง
อำเภอหันคา จังหวัดชัยนาท

Type of Sample : WS & WD

Job No. : S650153/Dec

Item	Time	ชุมชนบ้านซึกฝาง													
		06-07/12/22		07-08/12/22		08-09/12/22		09-10/12/22		10-11/12/22		11-12/12/22		12-13/12/22	
		WS	WD	WS	WD	WS	WD	WS	WD	WS	WD	WS	WD	WS	WD
1.	14.00	0.9	N	0.9	N	0.9	NE	0.9	N	0.4	ENE	0.9	S	1.3	ENE
2.	15.00	0.4	NE	0.9	ENE	0.4	NNE	0.4	N	0.4	NE	0.4	E	1.3	E
3.	16.00	0.4	ENE	0.9	N	0.4	E	0.4	E	0.4	E	0.4	ENE	0.9	ESE
4.	17.00	0.0	ENE	0.0	NE	0.0	NE	0.0	N	0.4	E	0.0	ESE	0.4	E
5.	18.00	0.0	N	0.0	NE	0.0	NE	0.0	N	0.0	E	0.0	ESE	0.0	ESE
6.	19.00	0.0	N	0.0	NE	0.0	NE	0.0	N	0.0	E	0.0	ESE	0.0	ESE
7.	20.00	0.0	N	0.0	NE	0.0	NE	0.0	N	0.0	E	0.0	ESE	0.0	E
8.	21.00	0.0	N	0.0	NE	0.0	NE	0.0	N	0.0	E	0.0	ESE	0.0	SE
9.	22.00	0.0	N	0.0	NE	0.0	NE	0.0	N	0.0	E	0.0	ESE	0.0	ESE
10.	23.00	0.0	N	0.0	NNE	0.0	NE	0.0	N	0.0	E	0.0	ESE	0.0	ESE
11.	00.00	0.0	N	0.0	NNE	0.0	NE	0.0	N	0.0	ESE	0.0	ESE	0.0	ESE
12.	01.00	0.0	N	0.0	NNE	0.0	NE	0.0	N	0.0	ESE	0.0	E	0.0	E
13.	02.00	0.0	N	0.0	NNE	0.0	NNE	0.0	N	0.0	ESE	0.0	E	0.4	E
14.	03.00	0.0	N	0.0	NNE	0.0	NNE	0.0	WNW	0.0	ESE	0.0	E	0.0	E
15.	04.00	0.0	N	0.0	NNE	0.0	NNE	0.0	WNW	0.0	ESE	0.0	E	0.0	E
16.	05.00	0.0	N	0.0	NNE	0.0	NNE	0.0	WNW	0.0	E	0.0	E	0.0	E
17.	06.00	0.0	N	0.0	NNE	0.0	NNE	0.0	WNW	0.0	E	0.0	ESE	0.0	N
18.	07.00	0.0	N	0.0	NE	0.0	NNE	0.0	WNW	0.0	E	0.0	ESE	0.4	E
19.	08.00	0.0	N	0.0	NE	0.0	NNE	0.0	WNW	0.0	E	0.0	ESE	0.4	E
20.	09.00	0.0	N	0.4	NE	0.0	NNE	0.4	WNW	0.0	E	0.4	E	0.9	E
21.	10.00	0.4	ENE	0.4	NNE	0.9	NE	0.9	E	0.4	ESE	0.9	E	0.9	ESE
22.	11.00	0.9	E	0.9	N	0.9	E	0.9	ESE	0.9	ESE	1.3	ESE	1.3	ESE
23.	12.00	0.9	ENE	1.3	N	1.3	ENE	0.4	NE	0.9	ENE	1.3	ESE	1.3	ESE
24.	13.00	0.9	N	1.3	ENE	1.3	ENE	0.4	NNE	0.9	SSE	0.9	E	1.3	E
Average		0.2	-	0.3	-	0.3	-	0.2	-	0.2	-	0.3	-	0.5	-

Remark : WS = WIND SPEED (m/s)

WD = WIND DIRECTION

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager

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

Customer Name : บริษัท ตะวันแดง 1999 จำกัด
Project : โครงการโรงงานผลิตแอลกอฮอล์และสุรา (ส่วนขยาย ครั้งที่ 1)
(ระยะดำเนินการ)
Address : เลขที่ 88 หมู่ที่ 15 บ้านเขาน้อย ตำบลหนองแขง
อำเภอหันคา จังหวัดชัยนาท
Job No. : S650153/Dec

Report No. : 3581/2022/16-34
Report Date : December 19, 2022
Sampling Date : December 6-13, 2022
Type of Sample : WS & WD

Item	Time	ชุมชนบ้านเขาน้อย บริเวณทิศตะวันตกเฉียงเหนือของโครงการ													
		06-07/12/22		07-08/12/22		08-09/12/22		09-10/12/22		10-11/12/22		11-12/12/22		12-13/12/22	
		WS	WD	WS	WD	WS	WD	WS	WD	WS	WD	WS	WD	WS	WD
1.	16.00	0.4	NNE	1.8	NNE	0.4	NNE	0.4	N	0.4	NNE	0.9	NNE	0.9	NNE
2.	17.00	0.9	NNE	0.9	NNE	0.4	NNE	0.4	N	0.0	NNE	1.3	NNE	1.3	NNE
3.	18.00	0.0	N	0.0	NNE	0.0	NNE	0.0	NNE	0.0	NNE	0.9	NNE	0.9	NNE
4.	19.00	0.0	NNE	0.0	NNE	0.0	NNE	0.0	NNE	0.0	NNE	0.4	NNE	0.0	NNE
5.	20.00	0.0	NNE	0.0	NNE	0.0	NNE	0.0	NNE	0.0	N	0.0	NNE	0.0	NNE
6.	21.00	0.0	N	0.0	NNE	0.0	NNE	0.0	NNE	0.0	NNE	0.0	NNE	0.0	NNE
7.	22.00	0.0	N	0.0	NNE	0.0	NNW	0.0	NNE	0.0	NNE	0.0	NNE	0.0	NNE
8.	23.00	0.0	N	0.0	NNE	0.0	NNW	0.0	N	0.0	N	0.0	NNE	0.0	NNW
9.	00.00	0.0	NNE	0.0	NNE	0.0	NNW	0.0	N	0.0	N	0.0	NNE	0.0	NNW
10.	01.00	0.0	NNE	0.0	NNE	0.0	NNW	0.0	NNE	0.0	N	0.0	NNE	0.0	NNW
11.	02.00	0.0	NNE	0.0	NNE	0.0	NW	0.0	N	0.0	WSW	0.0	NNE	0.0	NNW
12.	03.00	0.0	N	0.4	NNW	0.0	NW	0.0	N	0.0	WSW	0.0	NNE	0.0	NNW
13.	04.00	0.0	N	0.0	NNW	0.0	NNW	0.0	N	0.0	WSW	0.4	NNW	0.0	NNW
14.	05.00	0.0	N	0.0	N	0.0	NNW	0.4	NNW	0.0	W	0.4	NNW	0.0	NNW
15.	06.00	0.0	N	0.0	N	0.0	N	0.4	N	0.0	W	0.0	N	0.0	NNW
16.	07.00	0.0	N	0.0	N	0.0	N	0.0	N	0.0	W	0.0	N	0.0	NNW
17.	08.00	0.4	N	0.0	NNE	0.0	N	0.4	N	0.0	W	0.0	N	0.0	NNW
18.	09.00	0.4	N	0.9	NNE	0.9	NNE	0.4	NNE	0.0	W	0.0	N	0.0	NNW
19.	10.00	0.4	NNE	2.2	NNE	0.9	NNE	0.4	NNE	0.4	NE	0.9	NNE	0.4	NNE
20.	11.00	0.4	NNE	1.3	NNE	1.3	NNE	0.4	NNE	0.9	NE	1.3	NNE	0.9	NNE
21.	12.00	0.9	NNE	1.3	NNE	0.9	NNE	0.9	NNE	0.4	E	2.2	NNE	0.9	NNE
22.	13.00	0.9	NNE	1.3	NNE	1.3	NNE	0.9	NNE	0.9	NNE	1.8	NNE	1.3	NNE
23.	14.00	1.3	NNE	1.3	NNE	1.3	NNE	0.9	NNE	1.3	NNE	1.8	NNE	1.3	NNE
24.	15.00	1.8	NNE	0.9	NE	0.9	NNE	0.4	NNE	0.9	NNE	1.3	NNE	1.8	NNE
Average		0.3	-	0.5	-	0.3	-	0.3	-	0.2	-	0.6	-	0.4	-

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

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager

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TEST REPORT

Customer Name : บริษัท ตะวันแดง 1999 จำกัด
Project : โครงการโรงงานผลิตแอลกอฮอล์และสุรา (ส่วนขยาย ครั้งที่ 1)
(ระยะดำเนินการ)
Address : เลขที่ 88 หมู่ที่ 15 บ้านเขาน้อย ตำบลหนองแขง
อำเภอหันคา จังหวัดชัยนาท
Job No. : S650153/Dec

Report No. : 3581/2022/9-34
Report Date : December 19, 2022
Sampling Date : December 6-13, 2022
Type of Sample : Ambient Air

Item	Time	Result						
		วิธีวัดโครงการด้านพิษเหนือ (SW1)						
		H ₂ S (ppm)						
		06-07/12/22	07-08/12/22	08-09/12/22	09-10/12/22	10-11/12/22	11-12/12/22	12-13/12/22
1.	11:00-12:00	0.0006	0.0007	0.0008	0.0007	0.0009	0.0014	0.0008
2.	12:00-13:00	0.0006	0.0006	0.0008	0.0007	0.0005	0.0014	0.0012
3.	13:00-14:00	0.0005	0.0006	0.0007	0.0007	0.0013	0.0014	0.0017
4.	14:00-15:00	0.0005	0.0005	0.0007	0.0008	0.0014	0.0009	0.0015
5.	15:00-16:00	0.0005	0.0005	0.0008	0.0006	0.0025	0.0009	0.0010
6.	16:00-17:00	0.0008	0.0006	0.0008	0.0006	0.0021	0.0006	0.0015
7.	17:00-18:00	0.0008	0.0006	0.0007	0.0007	0.0016	0.0006	0.0014
8.	18:00-19:00	0.0005	0.0005	0.0006	0.0008	0.0007	0.0008	0.0008
9.	19:00-20:00	0.0007	0.0005	0.0010	0.0009	0.0007	0.0008	0.0010
10.	20:00-21:00	0.0004	0.0006	0.0007	0.0010	0.0009	0.0008	0.0010
11.	21:00-22:00	0.0004	0.0008	0.0008	0.0006	0.0009	0.0021	0.0006
12.	22:00-23:00	0.0004	0.0006	0.0001	0.0007	0.0008	0.0011	0.0008
13.	23:00-00:00	0.0004	0.0005	0.0007	0.0014	0.0009	0.0012	0.0007
14.	00:00-01:00	0.0004	0.0005	0.0010	0.0008	0.0008	0.0000	0.0008
15.	01:00-02:00	0.0005	0.0006	0.0009	0.0006	0.0008	0.0005	0.0006
16.	02:00-03:00	0.0005	0.0006	0.0006	0.0006	0.0006	0.0007	0.0012
17.	03:00-04:00	0.0003	0.0006	0.0006	0.0007	0.0009	0.0007	0.0010
18.	04:00-05:00	0.0007	0.0001	0.0006	0.0007	0.0007	0.0009	0.0009
19.	05:00-06:00	0.0007	0.0007	0.0007	0.0005	0.0006	0.0018	0.0006
20.	06:00-07:00	0.0005	0.0005	0.0007	0.0005	0.0012	0.0014	0.0013
21.	07:00-08:00	0.0006	0.0005	0.0006	0.0006	0.0013	0.0012	0.0014
22.	08:00-09:00	0.0006	0.0007	0.0005	0.0009	0.0009	0.0016	0.0008
23.	09:00-10:00	0.0007	0.0007	0.0005	0.0007	0.0010	0.0015	0.0007
24.	10:00-11:00	0.0005	0.0008	0.0007	0.0018	0.0005	0.0011	0.0011
Minimum		0.0003	0.0001	0.0001	0.0005	0.0005	0.0000	0.0006
Maximum		0.0008	0.0008	0.0010	0.0018	0.0025	0.0021	0.0017
Average		0.0005	0.0006	0.0007	0.0008	0.0010	0.0011	0.0010

Wannasiri S.
Wannasiri Suriyawong



Somchai P.
Somchai Piyavorasakul
General Manager

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TEST REPORT

Customer Name : บริษัท ตะวันแดง 1999 จำกัด
Project : โครงการโรงงานผลิตแอลกอฮอล์และสุรา (ส่วนขยาย ครั้งที่ 1)
(ระยะดำเนินการ)
Address : เลขที่ 88 หมู่ที่ 15 บ้านเขาน้อย ตำบลหนองแขง
อำเภอหันคา จังหวัดชัยนาท
Job No. : S650153/Dec

Report No. : 3581/2022/10-34
Report Date : December 19, 2022
Sampling Date : December 6-13, 2022
Type of Sample : Ambient Air

Item	Time	Result						
		ริมรั้วโครงการด้านทิศตะวันออก (SW2)						
		H ₂ S (ppm)						
		06-07/12/22	07-08/12/22	08-09/12/22	09-10/12/22	10-11/12/22	11-12/12/22	12-13/12/22
1.	12:00-13:00	0.0011	0.0019	0.0007	0.0007	0.0010	0.0020	0.0009
2.	13:00-14:00	0.0017	0.0014	0.0009	0.0008	0.0006	0.0015	0.0009
3.	14:00-15:00	0.0013	0.0014	0.0008	0.0008	0.0007	0.0025	0.0007
4.	15:00-16:00	0.0015	0.0009	0.0008	0.0010	0.0007	0.0010	0.0007
5.	16:00-17:00	0.0025	0.0018	0.0007	0.0011	0.0006	0.0008	0.0013
6.	17:00-18:00	0.0021	0.0019	0.0008	0.0006	0.0006	0.0014	0.0020
7.	18:00-19:00	0.0017	0.0018	0.0008	0.0007	0.0007	0.0015	0.0018
8.	19:00-20:00	0.0007	0.0006	0.0009	0.0014	0.0018	0.0015	0.0023
9.	20:00-21:00	0.0008	0.0006	0.0010	0.0008	0.0014	0.0006	0.0014
10.	21:00-22:00	0.0010	0.0006	0.0010	0.0006	0.0022	0.0009	0.0013
11.	22:00-23:00	0.0010	0.0006	0.0007	0.0005	0.0017	0.0008	0.0010
12.	23:00-00:00	0.0009	0.0005	0.0007	0.0006	0.0015	0.0009	0.0017
13.	00:00-01:00	0.0010	0.0006	0.0006	0.0005	0.0007	0.0007	0.0019
14.	01:00-02:00	0.0008	0.0006	0.0007	0.0008	0.0006	0.0013	0.0015
15.	02:00-03:00	0.0008	0.0006	0.0007	0.0008	0.0011	0.0011	0.0009
16.	03:00-04:00	0.0007	0.0005	0.0007	0.0009	0.0015	0.0010	0.0007
17.	04:00-05:00	0.0010	0.0006	0.0006	0.0007	0.0015	0.0006	0.0008
18.	05:00-06:00	0.0011	0.0007	0.0006	0.0006	0.0008	0.0006	0.0005
19.	06:00-07:00	0.0018	0.0009	0.0008	0.0007	0.0006	0.0006	0.0006
20.	07:00-08:00	0.0020	0.0011	0.0008	0.0009	0.0012	0.0007	0.0007
21.	08:00-09:00	0.0012	0.0007	0.0008	0.0009	0.0009	0.0010	0.0008
22.	09:00-10:00	0.0007	0.0005	0.0007	0.0009	0.0023	0.0010	0.0006
23.	10:00-11:00	0.0024	0.0006	0.0009	0.0009	0.0017	0.0007	0.0008
24.	11:00-12:00	0.0018	0.0007	0.0006	0.0009	0.0015	0.0007	0.0010
Minimum		0.0007	0.0005	0.0006	0.0005	0.0006	0.0006	0.0005
Maximum		0.0025	0.0019	0.0010	0.0014	0.0023	0.0025	0.0023
Average		0.0013	0.0009	0.0008	0.0008	0.0012	0.0011	0.0011

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager

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TEST REPORT

Customer Name : บริษัท ตะวันแดง 1999 จำกัด

Report No. : 3581/2022/11-34

Project : โครงการโรงงานผลิตแอลกอฮอล์และสุรา (ส่วนขยาย ครั้งที่ 1)
(ระยะดำเนินการ)

Report Date : December 19, 2022

Sampling Date : December 6-13, 2022

Address : เลขที่ 88 หมู่ที่ 15 บ้านเขาน้อย ตำบลหนองแขง
อำเภอหันคา จังหวัดชัยนาท

Type of Sample : Ambient Air

Job No. : S650153/Dec

Item	Time	Result						
		วิธีวัดโครงการด้านทิศใต้ (SW3)						
		H ₂ S (ppm)						
		06-07/12/22	07-08/12/22	08-09/12/22	09-10/12/22	10-11/12/22	11-12/12/22	12-13/12/22
1.	11:00-12:00	0.0010	0.0010	0.0010	0.0010	0.0012	0.0020	0.0005
2.	12:00-13:00	0.0009	0.0011	0.0009	0.0013	0.0021	0.0021	0.0009
3.	13:00-14:00	0.0009	0.0018	0.0009	0.0011	0.0015	0.0009	0.0008
4.	14:00-15:00	0.0009	0.0012	0.0010	0.0011	0.0022	0.0007	0.0014
5.	15:00-16:00	0.0012	0.0010	0.0010	0.0009	0.0024	0.0014	0.0017
6.	16:00-17:00	0.0012	0.0012	0.0009	0.0010	0.0015	0.0016	0.0013
7.	17:00-18:00	0.0012	0.0012	0.0010	0.0011	0.0010	0.0022	0.0011
8.	18:00-19:00	0.0011	0.0012	0.0010	0.0011	0.0012	0.0012	0.0015
9.	19:00-20:00	0.0010	0.0010	0.0011	0.0010	0.0012	0.0013	0.0011
10.	20:00-21:00	0.0011	0.0014	0.0011	0.0011	0.0012	0.0009	0.0019
11.	21:00-22:00	0.0013	0.0013	0.0013	0.0014	0.0011	0.0006	0.0013
12.	22:00-23:00	0.0013	0.0010	0.0013	0.0011	0.0012	0.0008	0.0012
13.	23:00-00:00	0.0013	0.0010	0.0013	0.0011	0.0012	0.0009	0.0008
14.	00:00-01:00	0.0012	0.0009	0.0014	0.0011	0.0012	0.0015	0.0005
15.	01:00-02:00	0.0012	0.0011	0.0012	0.0009	0.0011	0.0010	0.0009
16.	02:00-03:00	0.0014	0.0013	0.0012	0.0009	0.0010	0.0009	0.0014
17.	03:00-04:00	0.0010	0.0013	0.0010	0.0011	0.0014	0.0015	0.0012
18.	04:00-05:00	0.0011	0.0011	0.0013	0.0012	0.0011	0.0016	0.0017
19.	05:00-06:00	0.0011	0.0011	0.0014	0.0011	0.0012	0.0015	0.0012
20.	06:00-07:00	0.0009	0.0013	0.0014	0.0011	0.0005	0.0004	0.0012
21.	07:00-08:00	0.0009	0.0013	0.0010	0.0012	0.0013	0.0002	0.0007
22.	08:00-09:00	0.0010	0.0010	0.0010	0.0010	0.0010	0.0002	0.0005
23.	09:00-10:00	0.0013	0.0013	0.0010	0.0010	0.0017	0.0004	0.0010
24.	10:00-11:00	0.0014	0.0010	0.0011	0.0011	0.0010	0.0004	0.0012
Minimum		0.0009	0.0009	0.0009	0.0009	0.0005	0.0002	0.0005
Maximum		0.0014	0.0018	0.0014	0.0014	0.0024	0.0022	0.0019
Average		0.0011	0.0012	0.0011	0.0011	0.0013	0.0011	0.0011

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager

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

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

TEST REPORT

Customer Name : บริษัท ตะวันแดง 1999 จำกัด
Project : โครงการโรงงานผลิตแอลกอฮอล์และสุรา (ส่วนขยาย ครั้งที่ 1)
(ระยะดำเนินการ)
Address : เลขที่ 88 หมู่ที่ 15 บ้านเขาน้อย ตำบลหนองแขง
อำเภอหันคา จังหวัดชัยนาท
Job No. : S650153/Dec

Report No. : 3581/2022/12-34
Report Date : December 19, 2022
Sampling Date : December 6-13, 2022
Type of Sample : Ambient Air

Item	Time	Result						
		วิธีวัดโครงการด้านทิศตะวันตก (SW4)						
		H ₂ S (ppm)						
		06-07/12/22	07-08/12/22	08-09/12/22	09-10/12/22	10-11/12/22	11-12/12/22	12-13/12/22
1.	11:00-12:00	0.0010	0.0009	0.0012	0.0008	0.0017	0.0007	0.0008
2.	12:00-13:00	0.0009	0.0009	0.0008	0.0008	0.0012	0.0007	0.0009
3.	13:00-14:00	0.0010	0.0011	0.0008	0.0009	0.0017	0.0006	0.0008
4.	14:00-15:00	0.0010	0.0011	0.0008	0.0009	0.0017	0.0006	0.0008
5.	15:00-16:00	0.0010	0.0011	0.0009	0.0007	0.0011	0.0006	0.0007
6.	16:00-17:00	0.0009	0.0012	0.0009	0.0009	0.0012	0.0006	0.0007
7.	17:00-18:00	0.0008	0.0010	0.0009	0.0011	0.0013	0.0006	0.0008
8.	18:00-19:00	0.0004	0.0010	0.0007	0.0011	0.0008	0.0007	0.0008
9.	19:00-20:00	0.0001	0.0008	0.0007	0.0010	0.0010	0.0007	0.0007
10.	20:00-21:00	0.0002	0.0011	0.0010	0.0023	0.0010	0.0005	0.0008
11.	21:00-22:00	0.0003	0.0009	0.0010	0.0013	0.0010	0.0003	0.0008
12.	22:00-23:00	0.0009	0.0008	0.0009	0.0014	0.0008	0.0007	0.0011
13.	23:00-00:00	0.0007	0.0015	0.0009	0.0009	0.0014	0.0008	0.0008
14.	00:00-01:00	0.0005	0.0016	0.0010	0.0010	0.0012	0.0008	0.0007
15.	01:00-02:00	0.0008	0.0011	0.0008	0.0011	0.0011	0.0010	0.0007
16.	02:00-03:00	0.0006	0.0012	0.0008	0.0020	0.0008	0.0010	0.0008
17.	03:00-04:00	0.0010	0.0007	0.0009	0.0016	0.0015	0.0008	0.0008
18.	04:00-05:00	0.0011	0.0016	0.0010	0.0014	0.0017	0.0009	0.0008
19.	05:00-06:00	0.0007	0.0017	0.0012	0.0018	0.0011	0.0009	0.0003
20.	06:00-07:00	0.0015	0.0016	0.0013	0.0017	0.0009	0.0009	0.0009
21.	07:00-08:00	0.0016	0.0011	0.0008	0.0013	0.0013	0.0007	0.0007
22.	08:00-09:00	0.0027	0.0011	0.0009	0.0010	0.0014	0.0008	0.0007
23.	09:00-10:00	0.0023	0.0009	0.0016	0.0014	0.0015	0.0009	0.0009
24.	10:00-11:00	0.0018	0.0012	0.0010	0.0019	0.0007	0.0009	0.0009
Minimum		0.0001	0.0007	0.0007	0.0007	0.0007	0.0003	0.0003
Maximum		0.0027	0.0017	0.0016	0.0023	0.0017	0.0010	0.0011
Average		0.0010	0.0011	0.0010	0.0013	0.0012	0.0007	0.0008

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager

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TEST REPORT

Customer Name : บริษัท ตะวันแดง 1999 จำกัด

Report No. : 3581/2022/17-34

Project : โครงการโรงงานผลิตแอลกอฮอล์และสุรา (ส่วนขยาย ครั้งที่ 1)
(ระยะดำเนินการ)

Report Date : December 19, 2022

Address : เลขที่ 88 หมู่ที่ 15 บ้านเขาน้อย ตำบลหนองแขง
อำเภอหันคา จังหวัดชัยนาท

Sampling Date : December 6-13, 2022

Type of Sample : Sound Level

Job No. : S650153/Dec

Item	Time	Result (dB (A))											
		ชุมชนบ้านเขาน้อย บริเวณทิศใต้ของโครงการ											
		06-07/12/22			07-08/12/22			08-09/12/22			09-10/12/22		
		Leq	Lmax	L ₉₀	Leq	Lmax	L ₉₀	Leq	Lmax	L ₉₀	Leq	Lmax	L ₉₀
1.	15:00-16:00	53.8	69.5	48.4	58.1	75.5	52.6	53.5	62.6	48.8	61.1	71.3	57.7
2.	16:00-17:00	52.7	65.2	48.9	54.2	73.3	49.3	52.6	62.9	48.7	56.7	68.8	48.1
3.	17:00-18:00	53.6	72.0	51.0	57.0	75.8	51.3	51.3	62.2	48.6	51.8	65.2	47.6
4.	18:00-19:00	54.5	67.8	50.4	56.5	76.8	51.6	51.9	63.3	47.8	51.1	62.6	46.0
5.	19:00-20:00	53.1	61.0	50.6	56.3	72.3	51.3	54.3	63.0	48.8	52.0	60.3	47.7
6.	20:00-21:00	53.2	64.3	50.7	54.9	70.3	50.5	53.2	64.1	49.0	51.6	61.4	47.3
7.	21:00-22:00	54.1	62.6	51.0	54.8	83.1	49.8	50.2	57.4	48.6	52.9	68.3	47.6
8.	22:00-23:00	52.4	59.2	50.5	53.8	68.6	48.4	54.9	63.4	48.4	52.4	67.3	47.4
9.	23:00-00:00	53.0	63.8	50.8	53.3	73.3	48.7	54.6	71.4	48.2	51.6	62.0	47.8
10.	00:00-01:00	52.1	61.8	49.9	54.0	64.9	52.0	57.1	87.8	48.2	53.6	67.9	48.1
11.	01:00-02:00	51.1	58.3	49.3	53.9	71.4	51.3	53.7	62.2	48.2	55.2	74.4	49.2
12.	02:00-03:00	53.4	67.9	49.9	52.1	69.7	49.7	54.6	62.6	48.6	53.6	68.0	49.3
13.	03:00-04:00	51.5	66.2	49.2	53.4	71.1	50.2	59.4	68.7	57.6	55.0	66.9	50.3
14.	04:00-05:00	50.9	57.5	48.8	52.5	60.2	50.3	59.4	63.9	58.8	54.4	64.2	50.5
15.	05:00-06:00	51.4	63.5	47.8	54.0	69.7	50.1	57.3	63.6	49.2	55.3	66.9	51.5
16.	06:00-07:00	50.1	64.9	47.6	53.7	69.5	50.0	58.5	65.1	51.8	54.5	67.1	50.8
17.	07:00-08:00	49.7	62.7	47.5	51.4	64.2	48.4	59.3	72.7	52.7	54.2	68.2	50.8
18.	08:00-09:00	57.9	75.3	55.4	51.9	69.6	47.5	61.2	71.9	58.8	54.2	68.7	50.3
19.	09:00-10:00	56.2	76.4	53.0	51.4	69.6	48.3	60.6	67.2	56.5	54.4	67.0	49.1
20.	10:00-11:00	56.6	82.8	49.9	52.8	61.0	49.8	61.9	71.8	55.5	53.7	72.2	48.6
21.	11:00-12:00	55.0	75.8	47.7	57.6	87.2	50.7	63.2	67.6	61.7	52.1	73.8	46.7
22.	12:00-13:00	55.5	74.8	48.8	57.0	73.6	50.0	62.8	66.4	61.3	50.6	59.4	46.6
23.	13:00-14:00	56.6	81.5	49.1	53.9	65.0	49.7	62.2	65.8	61.5	50.9	65.1	47.3
24.	14:00-15:00	56.6	78.1	51.1	50.8	60.2	48.7	62.7	68.3	60.9	52.7	68.1	47.8
Leq 24 hr		54.1	-	-	54.6	-	-	58.8	-	-	54.3	-	-
Lmax		-	82.8	-	-	87.2	-	-	87.8	-	-	74.4	-
Standard ⁽¹⁾⁽²⁾		70	115	-	70	115	-	70	115	-	70	115	-
Ldn		58.9	-	-	60.2	-	-	64.0	-	-	60.6	-	-

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

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

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager

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TEST REPORT

Customer Name : บริษัท ตะวันแดง 1999 จำกัด

Report No. : 3581/2022/18-34

Project : โครงการโรงงานผลิตแอลกอฮอล์และสุรา (ส่วนขยาย ครั้งที่ 1)
(ระยะดำเนินการ)

Report Date : December 19, 2022

Sampling Date : December 6-13, 2022

Address : เลขที่ 88 หมู่ที่ 15 บ้านเขาน้อย ตำบลหนองแขง
อำเภอหันคา จังหวัดชัยนาท

Type of Sample : Sound Level

Job No. : S650153/Dec

Item	Time	Result (dB (A))								
		ชุมชนบ้านเขาน้อย บริเวณทิศใต้ของโครงการ								
		10-11/12/22			11-12/12/22			12-13/12/22		
		Leq	Lmax	L ₉₀	Leq	Lmax	L ₉₀	Leq	Lmax	L ₉₀
1.	15:00-16:00	52.6	66.2	49.4	51.7	63.5	49.6	54.2	68.2	48.8
2.	16:00-17:00	53.0	64.8	50.9	51.8	63.6	49.4	58.3	76.5	50.0
3.	17:00-18:00	55.2	60.8	53.7	51.7	64.7	49.4	53.0	68.4	49.2
4.	18:00-19:00	55.4	74.7	54.0	51.1	63.2	49.0	50.5	63.1	47.0
5.	19:00-20:00	54.8	59.7	53.6	50.5	63.4	47.7	51.7	64.9	47.9
6.	20:00-21:00	54.5	68.1	52.2	50.4	62.3	48.0	51.8	65.3	47.7
7.	21:00-22:00	54.6	69.3	52.5	50.9	65.8	48.6	52.9	65.0	47.5
8.	22:00-23:00	53.8	60.3	52.5	50.5	57.1	48.4	52.5	78.9	47.3
9.	23:00-00:00	54.0	64.8	52.7	50.9	63.1	47.4	51.1	61.2	47.3
10.	00:00-01:00	54.6	63.9	53.0	49.5	64.5	47.1	51.8	61.5	48.8
11.	01:00-02:00	54.3	65.5	52.9	49.4	62.3	47.1	52.5	64.7	48.8
12.	02:00-03:00	54.0	61.4	52.6	51.7	72.6	47.4	50.9	61.4	47.4
13.	03:00-04:00	54.3	62.4	52.8	54.1	73.8	49.5	52.1	66.3	47.5
14.	04:00-05:00	53.9	59.5	52.7	52.0	64.5	48.9	53.9	64.8	49.1
15.	05:00-06:00	54.0	61.9	52.8	51.5	60.1	47.5	53.6	63.4	49.8
16.	06:00-07:00	53.3	56.8	52.4	52.1	63.4	48.4	55.3	70.9	50.1
17.	07:00-08:00	55.4	68.8	52.2	52.8	64.6	48.6	54.1	68.8	50.5
18.	08:00-09:00	53.1	63.9	51.7	51.5	74.3	47.0	56.3	67.7	52.0
19.	09:00-10:00	52.8	63.9	51.2	51.9	64.3	48.0	55.5	64.3	51.7
20.	10:00-11:00	53.6	64.4	51.3	53.0	65.8	48.6	56.0	67.9	52.4
21.	11:00-12:00	53.0	65.3	50.9	51.2	63.2	46.6	55.0	69.0	51.4
22.	12:00-13:00	52.1	58.2	50.7	52.1	60.9	48.4	54.8	64.4	51.2
23.	13:00-14:00	52.2	66.1	50.1	53.2	69.1	48.6	55.4	69.5	50.1
24.	14:00-15:00	51.8	66.8	49.5	51.1	63.9	47.5	54.7	68.3	50.1
Leq 24 hr		53.9	-	-	51.7	-	-	54.1	-	-
Lmax		-	74.7	-	-	74.3	-	-	78.9	-
Standard ⁽¹⁾⁽²⁾		70	115	-	70	115	-	70	115	-
Ldn		60.4	-	-	58.0	-	-	59.6	-	-

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

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

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager

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TEST REPORT

Customer Name : บริษัท ตะวันแดง 1999 จำกัด
Project : โครงการโรงงานผลิตแอลกอฮอล์และสุรา (ส่วนขยาย ครั้งที่ 1)
(ระยะดำเนินการ)
Address : เลขที่ 88 หมู่ที่ 15 บ้านเขาน้อย ตำบลหนองแขง
อำเภอหันคา จังหวัดชัยนาท
Job No. : S650153/Dec

Report No. : 3581/2022/19-34
Report Date : December 19, 2022
Sampling Date : December 6-13, 2022
Type of Sample : Sound Level

Item	Time	Result (dB (A))											
		วัดรางตุ้											
		06-07/12/22			07-08/12/22			08-09/12/22			09-10/12/22		
		Leq	Lmax	L ₉₀	Leq	Lmax	L ₉₀	Leq	Lmax	L ₉₀	Leq	Lmax	L ₉₀
1.	14:00-15:00	57.4	73.5	49.4	52.0	69.9	47.4	59.4	84.8	51.2	50.3	64.0	49.2
2.	15:00-16:00	54.6	83.4	48.2	54.6	78.6	48.4	59.8	87.2	50.3	53.2	75.0	48.3
3.	16:00-17:00	57.9	93.7	46.7	54.0	76.2	47.8	54.3	66.5	49.2	50.3	62.4	49.3
4.	17:00-18:00	51.2	74.1	46.2	52.8	68.5	46.0	59.3	89.9	49.1	50.9	60.9	49.9
5.	18:00-19:00	55.3	90.3	50.5	51.7	74.8	45.9	55.3	76.7	48.4	51.0	57.7	50.2
6.	19:00-20:00	57.7	86.3	47.6	51.4	72.9	45.7	55.1	72.4	49.3	52.1	68.0	50.1
7.	20:00-21:00	58.3	82.7	47.2	52.0	70.0	47.5	50.3	65.2	47.6	50.5	63.8	49.3
8.	21:00-22:00	52.5	69.7	49.8	51.7	63.3	47.4	51.8	63.0	50.3	50.6	65.4	48.9
9.	22:00-23:00	52.2	78.4	48.3	50.0	63.2	46.2	54.7	67.9	51.1	50.0	59.6	48.4
10.	23:00-00:00	50.5	75.8	48.8	52.0	70.4	46.7	54.6	77.9	50.9	49.3	65.7	48.3
11.	00:00-01:00	51.4	81.7	47.4	52.3	70.8	46.2	52.4	72.3	50.7	49.4	65.4	47.8
12.	01:00-02:00	49.2	67.1	47.7	54.9	77.5	46.5	53.2	68.4	51.0	48.8	61.0	47.4
13.	02:00-03:00	49.5	70.1	46.6	51.2	65.6	46.8	50.9	69.8	48.7	48.3	58.2	47.5
14.	03:00-04:00	56.2	74.9	47.8	51.3	69.6	47.5	52.1	73.2	49.5	48.9	54.6	47.8
15.	04:00-05:00	59.3	75.4	51.8	53.4	73.2	47.6	51.4	70.0	49.3	50.0	65.7	47.0
16.	05:00-06:00	55.8	70.5	51.4	55.2	77.4	47.9	51.6	66.9	49.3	49.8	71.3	46.9
17.	06:00-07:00	57.5	78.6	52.0	54.2	74.6	47.8	52.1	68.4	49.1	50.9	66.3	47.1
18.	07:00-08:00	55.6	77.8	49.4	54.4	75.2	48.1	54.4	77.6	48.5	53.0	72.1	47.7
19.	08:00-09:00	56.2	85.8	47.0	52.8	66.8	49.4	51.8	70.2	48.5	50.2	66.6	47.1
20.	09:00-10:00	52.7	81.5	47.7	54.1	74.6	50.0	49.6	57.7	47.7	49.9	71.1	47.1
21.	10:00-11:00	53.4	80.1	46.8	54.9	74.5	50.1	49.5	54.7	48.3	52.3	86.2	47.2
22.	11:00-12:00	52.0	70.0	48.2	54.4	79.1	48.4	52.1	67.3	48.7	49.4	65.6	47.0
23.	12:00-13:00	52.3	67.0	48.0	54.2	72.3	49.4	50.9	66.9	49.5	51.2	76.3	47.5
24.	13:00-14:00	52.7	83.1	46.7	58.3	82.0	49.4	51.8	66.6	50.0	52.3	67.4	48.0
Leq 24 hr		55.2	-	-	53.6	-	-	54.4	-	-	50.7	-	-
Lmax		-	93.7	-	-	82.0	-	-	89.9	-	-	86.2	-
Standard ⁽¹⁾⁽²⁾		70	115	-	70	115	-	70	115	-	70	115	-
Ldn		61.4	-	-	59.6	-	-	59.6	-	-	56.3	-	-

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

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

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager

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TEST REPORT

Customer Name : บริษัท ตะวันแดง 1999 จำกัด
Project : โครงการโรงงานผลิตแอลกอฮอล์และสุรา (ส่วนขยาย ครั้งที่ 1)
(ระยะดำเนินการ)
Address : เลขที่ 88 หมู่ที่ 15 บ้านเขาน้อย ตำบลหนองแขง
อำเภอหันคา จังหวัดชัยนาท
Job No. : S650153/Dec

Report No. : 3581/2022/20-34
Report Date : December 19, 2022
Sampling Date : December 6-13, 2022
Type of Sample : Sound Level

Item	Time	Result (dB (A))								
		วัดรางตุ้								
		10-11/12/22			11-12/12/22			12-13/12/22		
		Leq	Lmax	L ₉₀	Leq	Lmax	L ₉₀	Leq	Lmax	L ₉₀
1.	14:00-15:00	51.8	68.7	47.5	53.1	67.4	50.1	56.8	80.6	51.3
2.	15:00-16:00	55.8	78.2	48.1	55.2	75.2	53.2	57.4	76.6	53.6
3.	16:00-17:00	51.4	72.3	47.4	54.1	63.0	53.2	53.9	73.2	49.9
4.	17:00-18:00	52.2	71.5	48.2	54.4	66.6	53.3	56.3	79.5	49.4
5.	18:00-19:00	53.2	77.5	48.2	54.1	65.7	53.2	53.3	69.8	48.9
6.	19:00-20:00	57.3	83.5	48.1	56.3	80.1	53.4	55.8	78.0	49.8
7.	20:00-21:00	57.1	82.2	47.9	54.0	72.1	52.8	57.0	76.3	51.7
8.	21:00-22:00	51.5	70.0	47.7	54.6	67.2	52.9	55.2	70.6	51.6
9.	22:00-23:00	52.3	68.5	48.6	55.3	74.9	52.7	53.8	71.6	49.3
10.	23:00-00:00	52.5	72.4	48.4	54.1	78.7	51.7	54.3	74.0	50.1
11.	00:00-01:00	52.3	65.6	48.3	54.2	75.9	51.6	54.4	70.0	51.2
12.	01:00-02:00	55.1	70.2	51.0	55.4	71.6	51.4	55.1	72.8	52.2
13.	02:00-03:00	57.9	71.4	56.4	53.9	81.4	50.9	55.2	82.6	52.0
14.	03:00-04:00	56.8	76.6	52.3	52.1	68.5	50.6	52.8	70.9	51.8
15.	04:00-05:00	55.1	69.2	50.8	51.6	69.7	50.5	53.6	82.7	52.5
16.	05:00-06:00	53.9	73.2	49.3	53.4	81.5	51.8	55.1	71.3	54.0
17.	06:00-07:00	56.5	79.5	49.1	54.0	66.5	52.7	55.0	70.1	52.8
18.	07:00-08:00	54.9	78.0	49.1	55.6	82.7	51.2	57.0	89.4	52.2
19.	08:00-09:00	56.0	72.6	50.6	57.4	86.1	50.5	58.1	87.3	51.5
20.	09:00-10:00	56.6	76.3	52.3	56.2	84.5	50.2	58.7	86.7	50.7
21.	10:00-11:00	53.6	67.7	49.3	54.7	75.3	49.5	58.2	76.5	50.7
22.	11:00-12:00	55.0	74.0	50.5	56.0	80.3	47.9	55.3	71.2	49.0
23.	12:00-13:00	53.4	70.4	50.1	54.4	76.2	48.4	59.1	94.6	49.1
24.	13:00-14:00	51.7	63.6	49.4	55.2	89.4	47.8	54.0	75.0	47.2
Leq 24 hr		54.8	-	-	54.7	-	-	56.0	-	-
Lmax		-	83.5	-	-	89.4	-	-	94.6	-
Standard ⁽¹⁾⁽²⁾		70	115	-	70	115	-	70	115	-
Ldn		61.5	-	-	60.5	-	-	61.3	-	-

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

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

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager

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TEST REPORT

Customer Name : บริษัท ตะวันแดง 1999 จำกัด
Project : โครงการโรงงานผลิตแอลกอฮอล์และสุรา (ส่วนขยาย ครั้งที่ 1)
(ระยะดำเนินการ)
Address : เลขที่ 88 หมู่ที่ 15 บ้านเขาน้อย ตำบลหนองแขง
อำเภอหันคา จังหวัดชัยนาท
Job No. : S650153/Dec

Report No. : 3581/2022/21-34
Report Date : December 19, 2022
Sampling Date : December 6-13, 2022
Type of Sample : Sound Level

Item	Time	Result (dB (A))											
		ริมรั้วโครงการด้านทิศเหนือ											
		06-07/12/22			07-08/12/22			08-09/12/22			09-10/12/22		
		Leq	Lmax	L ₉₀	Leq	Lmax	L ₉₀	Leq	Lmax	L ₉₀	Leq	Lmax	L ₉₀
1.	11.00-12.00	59.1	80.3	53.7	60.9	85.1	53.4	54.4	64.3	53.2	55.7	67.5	54.2
2.	12.00-13.00	54.4	73.6	52.2	57.0	84.6	51.8	55.0	64.3	53.3	54.8	72.6	53.7
3.	13.00-14.00	57.8	72.1	53.1	60.2	77.9	54.5	54.9	67.2	53.5	55.4	64.5	54.6
4.	14.00-15.00	59.2	75.9	54.3	61.1	79.9	57.1	56.4	71.8	55.1	55.7	68.4	55.2
5.	15.00-16.00	58.4	74.6	53.0	60.8	81.0	56.4	57.7	66.1	56.5	59.6	80.6	56.1
6.	16.00-17.00	56.7	72.4	52.9	59.7	87.8	53.1	57.0	66.2	56.4	56.6	85.5	55.5
7.	17.00-18.00	54.7	67.1	53.1	59.4	80.1	53.3	57.3	73.5	56.4	56.3	63.4	55.9
8.	18.00-19.00	54.2	61.4	53.3	54.2	61.7	53.1	56.6	69.0	56.1	55.8	61.2	55.3
9.	19.00-20.00	56.8	83.6	53.6	53.9	67.6	52.6	55.6	60.7	55.0	55.6	64.7	55.2
10.	20.00-21.00	55.1	62.3	52.6	53.3	65.9	52.5	55.9	61.3	55.4	56.1	72.1	55.5
11.	21.00-22.00	54.0	66.6	53.2	53.1	56.5	52.4	56.1	69.6	55.2	55.9	60.0	55.4
12.	22.00-23.00	54.4	62.5	53.9	52.6	60.3	51.9	55.3	58.8	54.8	55.7	59.4	55.3
13.	23.00-00.00	54.1	57.1	53.3	52.4	54.7	51.5	54.1	70.0	53.0	55.2	59.2	54.6
14.	00.00-01.00	53.6	57.2	52.9	52.4	55.6	51.5	53.8	58.1	53.4	55.8	74.2	53.6
15.	01.00-02.00	53.4	63.7	52.4	52.9	56.3	51.6	53.3	59.7	53.2	58.4	96.4	55.1
16.	02.00-03.00	52.9	63.1	52.0	52.1	55.4	51.1	52.8	66.4	51.8	56.7	75.6	55.5
17.	03.00-04.00	52.5	63.9	51.4	52.1	56.1	51.1	54.7	74.4	52.5	56.4	73.8	54.9
18.	04.00-05.00	52.6	55.9	51.7	52.0	54.0	51.1	53.7	68.7	52.4	57.2	84.6	55.1
19.	05.00-06.00	52.4	61.9	51.0	52.4	61.6	51.3	54.9	67.2	52.5	56.5	74.9	55.3
20.	06.00-07.00	52.9	64.5	51.2	52.5	74.0	51.3	58.3	79.7	53.0	56.8	67.8	55.4
21.	07.00-08.00	53.0	69.3	51.4	59.6	84.1	53.9	56.2	70.7	54.4	55.7	67.8	54.1
22.	08.00-09.00	57.9	82.4	53.1	61.0	84.0	55.5	55.8	76.1	53.5	55.6	69.5	54.1
23.	09.00-10.00	58.9	78.9	53.6	60.8	84.4	55.9	54.8	68.8	53.8	55.9	69.7	54.1
24.	10.00-11.00	59.1	80.9	53.6	58.8	79.9	53.6	55.8	77.6	54.2	56.1	71.6	54.3
Leq 24 hr		56.0	-	-	57.6	-	-	55.7	-	-	56.4	-	-
Lmax		-	83.6	-	-	87.8	-	-	79.7	-	-	96.4	-
Standard ⁽¹⁾⁽²⁾		70	115	-	70	115	-	70	115	-	70	115	-
Ldn		60.5	-	-	60.6	-	-	61.5	-	-	63.0	-	-

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

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

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager

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TEST REPORT

Customer Name : บริษัท ตะวันแดง 1999 จำกัด
Project : โครงการโรงงานผลิตแอลกอฮอล์และสุรา (ส่วนขยาย ครั้งที่ 1)
(ระยะดำเนินการ)
Address : เลขที่ 88 หมู่ที่ 15 บ้านเขาน้อย ตำบลหนองแขง
อำเภอหันคา จังหวัดชัยนาท
Job No. : S650153/Dec

Report No. : 3581/2022/22-34
Report Date : December 19, 2022
Sampling Date : December 6-13, 2022
Type of Sample : Sound Level

Item	Time	Result (dB (A))								
		ริมรั้วโครงการด้านทิศเหนือ								
		10-11/12/22			11-12/12/22			12-13/12/22		
		Leq	Lmax	L ₉₀	Leq	Lmax	L ₉₀	Leq	Lmax	L ₉₀
1.	11.00-12.00	56.6	66.7	55.4	59.7	96.8	55.2	55.3	67.7	53.7
2.	12.00-13.00	57.2	71.6	55.7	59.5	77.4	57.7	54.8	62.0	53.9
3.	13.00-14.00	56.7	70.5	55.0	61.2	76.8	59.2	57.4	84.2	54.2
4.	14.00-15.00	58.0	72.7	56.8	61.2	74.0	59.7	55.7	62.9	53.2
5.	15.00-16.00	58.1	66.9	56.9	58.1	69.4	53.5	54.6	67.2	53.8
6.	16.00-17.00	59.9	68.4	56.5	56.3	76.7	51.9	55.0	63.1	54.5
7.	17.00-18.00	62.9	70.1	56.2	54.4	68.7	51.1	54.7	57.7	53.9
8.	18.00-19.00	61.3	70.1	56.4	53.3	67.9	50.5	54.2	57.8	53.5
9.	19.00-20.00	59.5	67.3	56.4	54.9	77.9	50.1	54.0	64.3	53.0
10.	20.00-21.00	57.0	66.8	55.7	52.9	73.6	49.4	53.5	63.7	52.6
11.	21.00-22.00	56.4	65.8	55.5	53.8	75.1	49.4	53.1	64.5	52.0
12.	22.00-23.00	55.9	65.9	55.2	56.2	73.4	52.0	53.2	56.5	52.3
13.	23.00-00.00	55.5	58.2	54.6	57.8	78.2	52.3	53.0	62.5	51.6
14.	00.00-01.00	55.9	68.6	55.2	59.6	77.1	54.9	53.5	65.1	51.8
15.	01.00-02.00	55.9	72.7	54.6	59.6	88.5	54.9	53.6	69.9	52.0
16.	02.00-03.00	56.3	69.5	54.8	59.6	83.0	54.2	58.5	83.0	53.7
17.	03.00-04.00	57.4	70.5	56.2	57.7	73.1	53.8	58.7	79.6	54.1
18.	04.00-05.00	57.9	69.4	56.8	56.8	72.2	52.9	55.8	72.3	52.7
19.	05.00-06.00	60.5	75.1	59.1	58.8	77.7	54.0	60.0	78.5	53.7
20.	06.00-07.00	58.8	79.2	51.6	55.0	74.2	52.8	60.8	81.6	56.8
21.	07.00-08.00	55.4	71.6	51.1	58.4	72.7	53.7	61.1	78.5	55.7
22.	08.00-09.00	57.1	77.0	52.8	59.8	76.5	54.9	60.8	80.7	54.1
23.	09.00-10.00	57.8	80.0	52.6	59.0	75.2	53.6	54.8	64.1	53.7
24.	10.00-11.00	61.7	83.6	54.3	57.3	73.0	53.5	54.8	61.2	53.6
Leq 24 hr		58.4	-	-	58.1	-	-	56.8	-	-
Lmax		-	83.6	-	-	96.8	-	-	84.2	-
Standard ⁽¹⁾⁽²⁾		70	115	-	70	115	-	70	115	-
Ldn		64.1	-	-	64.6	-	-	63.6	-	-

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

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

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager

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TEST REPORT

Customer Name : บริษัท ตะวันแดง 1999 จำกัด

Report No. : 3581/2022/23-34

Project : โครงการโรงงานผลิตแอลกอฮอล์และสุรา (ส่วนขยาย ครั้งที่ 1)
(ระยะดำเนินการ)

Report Date : December 19, 2022

Address : เลขที่ 88 หมู่ที่ 15 บ้านเขาน้อย ตำบลหนองแขง
อำเภอหันคา จังหวัดชัยนาท

Sampling Date : December 6-13, 2022

Type of Sample : Sound Level

Job No. : S650153/Dec

Item	Time	Result (dB (A))											
		วิธีวัดโครงการด้านตะวันออก											
		06-07/12/22			07-08/12/22			08-09/12/22			09-10/12/22		
		Leq	Lmax	L ₉₀	Leq	Lmax	L ₉₀	Leq	Lmax	L ₉₀	Leq	Lmax	L ₉₀
1.	12:00-13:00	55.5	65.7	54.0	53.5	66.5	52.1	58.1	89.5	55.9	57.7	84.0	56.6
2.	13:00-14:00	55.9	82.2	53.5	54.7	69.8	53.4	59.7	69.7	57.9	56.8	74.2	55.7
3.	14:00-15:00	54.9	77.0	52.1	55.2	75.0	54.3	59.2	68.5	57.9	59.2	77.9	57.4
4.	15:00-16:00	54.9	82.9	53.3	54.4	65.2	53.4	57.7	68.4	56.6	58.0	81.2	56.7
5.	16:00-17:00	53.6	59.7	52.3	55.0	64.0	54.1	56.7	68.8	55.3	59.4	87.4	58.2
6.	17:00-18:00	53.4	63.5	51.8	57.3	79.2	52.1	54.7	70.2	52.3	58.1	73.0	57.5
7.	18:00-19:00	53.3	71.5	51.5	57.1	79.0	52.2	54.5	69.0	53.2	56.9	73.9	56.3
8.	19:00-20:00	50.8	65.8	47.8	54.8	70.3	51.2	53.9	69.0	52.3	56.6	72.6	55.9
9.	20:00-21:00	52.8	64.5	51.6	52.4	72.3	49.8	51.4	69.5	49.0	56.1	69.4	55.4
10.	21:00-22:00	54.9	69.6	53.0	52.2	74.2	48.4	53.1	69.9	51.7	56.7	70.1	55.8
11.	22:00-23:00	55.3	73.3	53.8	54.4	71.0	52.4	55.1	68.0	53.1	57.1	74.0	56.1
12.	23:00-00:00	55.5	72.1	53.6	55.4	92.6	52.4	55.2	72.8	53.3	57.8	74.2	56.9
13.	00:00-01:00	57.7	79.4	54.3	57.8	84.1	54.8	56.3	73.1	54.0	57.7	66.6	56.8
14.	01:00-02:00	57.2	80.7	52.0	55.4	96.0	48.5	57.2	73.9	54.6	57.5	63.3	56.8
15.	02:00-03:00	54.1	71.9	50.2	54.3	92.8	51.1	58.0	70.5	57.4	56.3	71.6	54.6
16.	03:00-04:00	53.2	66.4	51.6	60.5	95.1	57.6	58.0	63.1	57.1	54.0	70.0	52.4
17.	04:00-05:00	53.5	71.0	51.4	58.7	82.0	55.7	58.0	64.6	57.2	54.7	71.9	51.8
18.	05:00-06:00	58.0	79.7	55.0	56.9	71.0	54.6	58.2	73.7	57.3	55.9	72.7	53.1
19.	06:00-07:00	56.4	79.1	52.1	58.6	90.6	54.9	58.0	69.8	57.2	56.2	70.5	54.1
20.	07:00-08:00	56.8	78.7	52.2	57.4	88.1	55.2	58.5	64.0	57.6	57.0	61.9	56.3
21.	08:00-09:00	54.7	77.8	52.0	57.8	88.3	54.4	58.1	65.2	57.3	56.6	63.4	55.8
22.	09:00-10:00	56.1	76.6	51.3	57.4	89.8	53.3	57.9	64.0	57.1	57.0	69.4	56.1
23.	10:00-11:00	52.5	69.0	50.4	56.8	88.1	52.9	58.0	63.1	57.2	56.9	72.5	56.1
24.	11:00-12:00	53.8	73.0	51.0	57.7	81.5	53.0	57.7	82.2	56.8	57.0	65.0	56.2
Leq 24 hr		55.1	-	-	56.5	-	-	57.2	-	-	57.1	-	-
Lmax		-	82.9	-	-	96.0	-	-	89.5	-	-	87.4	-
Standard ⁽¹⁾⁽²⁾		70	115	-	70	115	-	70	115	-	70	115	-
Ldn		62.2	-	-	63.6	-	-	63.7	-	-	63.1	-	-

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

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

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager

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TEST REPORT

Customer Name : บริษัท ตะวันแดง 1999 จำกัด
Project : โครงการโรงงานผลิตแอลกอฮอล์และสุรา (ส่วนขยาย ครั้งที่ 1)
(ระยะดำเนินการ)
Address : เลขที่ 88 หมู่ที่ 15 บ้านเขาน้อย ตำบลหนองแขง
อำเภอหันคา จังหวัดชัยนาท
Job No. : S650153/Dec

Report No. : 3581/2022/24-34
Report Date : December 19, 2022
Sampling Date : December 6-13, 2022
Type of Sample : Sound Level

Item	Time	Result (dB (A))								
		ริมรั้วโครงการด้านตะวันออก								
		10-11/12/22			11-12/12/22			12-13/12/22		
		Leq	Lmax	L ₉₀	Leq	Lmax	L ₉₀	Leq	Lmax	L ₉₀
1.	12:00-13:00	57.2	62.8	56.4	53.2	61.7	51.9	57.1	79.4	53.3
2.	13:00-14:00	56.6	64.0	55.8	53.8	63.7	52.5	57.8	79.2	52.4
3.	14:00-15:00	56.9	62.8	56.1	51.9	71.7	50.2	55.4	70.5	51.9
4.	15:00-16:00	56.7	72.8	55.8	52.2	64.7	51.2	52.7	72.5	50.0
5.	16:00-17:00	56.7	82.8	55.4	54.5	69.8	52.8	51.5	68.1	48.6
6.	17:00-18:00	55.7	73.0	54.3	55.5	69.5	54.0	54.7	74.4	52.4
7.	18:00-19:00	57.5	76.7	55.4	55.3	73.5	53.7	56.0	92.8	52.8
8.	19:00-20:00	56.8	80.0	55.4	58.0	79.6	54.7	57.4	84.3	53.7
9.	20:00-21:00	58.2	86.2	57.0	56.8	78.3	52.2	56.5	96.2	48.9
10.	21:00-22:00	57.0	81.2	56.4	56.2	80.9	51.0	54.0	93.0	50.9
11.	22:00-23:00	56.3	72.7	55.3	53.0	66.6	51.1	59.1	88.4	57.6
12.	23:00-00:00	55.6	71.4	54.9	53.4	65.9	51.6	60.3	95.3	56.9
13.	00:00-01:00	55.2	68.2	54.4	57.1	79.9	52.4	57.3	76.6	55.0
14.	01:00-02:00	55.1	68.9	54.2	57.9	79.3	52.5	58.3	90.8	54.8
15.	02:00-03:00	55.6	63.3	54.8	56.3	78.9	51.9	58.4	89.3	55.6
16.	03:00-04:00	56.5	73.0	55.6	55.5	78.0	52.1	57.8	88.5	54.4
17.	04:00-05:00	56.5	65.4	55.5	56.7	76.8	52.4	57.8	90.0	53.9
18.	05:00-06:00	56.5	65.0	55.7	53.1	74.4	50.8	56.8	88.3	53.1
19.	06:00-07:00	55.7	70.4	55.0	53.5	73.2	51.0	58.3	81.7	53.3
20.	07:00-08:00	55.6	65.9	54.0	53.5	73.2	51.2	57.4	89.7	55.5
21.	08:00-09:00	55.6	71.2	53.9	54.7	70.0	53.0	59.4	69.1	57.4
22.	09:00-10:00	55.8	82.4	52.5	55.5	75.2	54.2	60.0	69.9	58.4
23.	10:00-11:00	55.1	83.1	53.4	54.7	65.4	53.6	58.1	68.6	57.0
24.	11:00-12:00	54.0	61.1	52.8	55.1	64.2	53.9	57.3	69.0	56.1
Leq 24 hr		56.3	-	-	55.2	-	-	57.5	-	-
Lmax		-	86.2	-	-	80.9	-	-	96.2	-
Standard ⁽¹⁾⁽²⁾		70	115	-	70	115	-	70	115	-
Ldn		62.4	-	-	61.9	-	-	64.6	-	-

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

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

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager

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

Customer Name : บริษัท ตะวันแดง 1999 จำกัด

Report No. : 3581/2022/25-34

Project : โครงการโรงงานผลิตแอลกอฮอล์และสุรา (ส่วนขยาย ครั้งที่ 1)
(ระยะดำเนินการ)

Report Date : December 19, 2022

Address : เลขที่ 88 หมู่ที่ 15 บ้านเขาน้อย ตำบลหนองแขง
อำเภอหันคา จังหวัดชัยนาท

Sampling Date : December 6-13, 2022

Type of Sample : Sound Level

Job No. : S650153/Dec

Item	Time	Result (dB (A))											
		วิธีวัดโครงการด้านทิศใต้											
		06-07/12/22			07-08/12/22			08-09/12/22			09-10/12/22		
		Leq	Lmax	L ₉₀	Leq	Lmax	L ₉₀	Leq	Lmax	L ₉₀	Leq	Lmax	L ₉₀
1.	12:00-13:00	53.2	74.6	51.9	53.5	73.8	48.7	51.9	65.8	49.8	57.2	70.4	56.2
2.	13:00-14:00	60.9	84.7	54.6	50.6	65.3	47.9	51.2	71.0	49.5	58.1	68.8	57.3
3.	14:00-15:00	59.1	84.6	48.5	49.7	65.1	47.7	58.7	92.6	50.8	57.2	71.0	56.1
4.	15:00-16:00	50.9	66.8	48.0	54.9	84.4	48.2	51.5	75.3	49.9	55.4	61.0	54.0
5.	16:00-17:00	49.6	62.2	47.8	57.9	82.5	50.9	54.3	80.0	49.9	54.9	59.3	53.8
6.	17:00-18:00	49.3	64.9	47.4	57.8	83.1	53.2	55.1	78.5	51.8	54.6	60.0	53.7
7.	18:00-19:00	53.2	62.7	52.5	54.8	65.8	53.3	55.5	64.8	53.7	55.0	61.8	54.0
8.	19:00-20:00	55.4	66.0	54.6	56.1	66.0	53.6	55.3	66.4	51.7	53.6	60.0	52.6
9.	20:00-21:00	56.5	63.9	55.9	59.1	68.3	58.1	55.1	71.9	50.4	51.3	60.5	49.4
10.	21:00-22:00	54.0	62.5	52.9	55.4	66.5	52.2	53.7	61.2	51.5	51.8	66.5	48.9
11.	22:00-23:00	55.2	63.2	54.2	58.7	65.3	58.0	55.5	67.0	54.2	52.3	70.2	49.5
12.	23:00-00:00	55.8	64.0	54.9	58.3	63.8	57.6	56.1	65.5	53.7	52.5	73.3	49.4
13.	00:00-01:00	55.5	61.4	54.8	57.6	65.0	56.8	53.4	68.5	50.5	55.3	78.6	49.5
14.	01:00-02:00	55.8	65.0	55.0	57.2	61.5	56.9	52.7	69.4	50.2	55.6	86.0	49.5
15.	02:00-03:00	54.9	64.5	53.9	52.0	69.7	50.5	55.0	73.0	52.5	52.9	73.4	49.5
16.	03:00-04:00	53.2	63.9	51.7	50.7	68.2	47.5	56.5	71.6	52.8	53.1	85.7	50.0
17.	04:00-05:00	51.8	66.9	47.8	52.9	81.5	48.9	53.7	68.0	51.9	60.7	77.8	50.8
18.	05:00-06:00	52.8	66.4	49.7	53.9	69.7	50.5	53.6	73.3	51.6	52.5	64.8	49.9
19.	06:00-07:00	53.0	70.9	50.0	53.1	67.8	50.5	53.1	77.1	50.9	52.8	71.6	50.2
20.	07:00-08:00	52.2	65.4	49.4	52.3	64.1	49.5	53.4	60.7	51.2	54.5	79.3	50.3
21.	08:00-09:00	51.8	63.4	48.8	52.4	67.4	49.2	50.6	66.1	49.0	52.9	71.3	50.1
22.	09:00-10:00	51.5	66.4	48.3	52.3	69.2	49.2	51.1	58.6	49.4	60.7	85.5	54.9
23.	10:00-11:00	51.9	64.0	49.4	52.0	63.6	48.9	57.7	71.9	56.4	62.6	91.9	56.5
24.	11:00-12:00	52.5	66.4	49.7	52.3	79.7	49.8	56.3	69.5	55.3	57.5	65.6	57.4
Leq 24 hr		54.7	-	-	55.3	-	-	54.7	-	-	56.4	-	-
Lmax		-	84.7	-	-	84.4	-	-	92.6	-	-	91.9	-
Standard ⁽¹⁾⁽²⁾		70	115	-	70	115	-	70	115	-	70	115	-
Ldn		60.9	-	-	62.1	-	-	61.0	-	-	61.9	-	-

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

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

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager

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TEST REPORT

Customer Name : บริษัท ตะวันแดง 1999 จำกัด

Report No. : 3581/2022/26-34

Project : โครงการโรงงานผลิตแอลกอฮอล์และสุรา (ส่วนขยาย ครั้งที่ 1)
(ระยะดำเนินการ)

Report Date : December 19, 2022

Sampling Date : December 6-13, 2022

Address : เลขที่ 88 หมู่ที่ 15 บ้านเขาน้อย ตำบลหนองแขง
อำเภอหันคา จังหวัดชัยนาท

Type of Sample : Sound Level

Job No. : S650153/Dec

Item	Time	Result (dB (A))								
		วิธีวัดโครงการด้านทิศใต้								
		10-11/12/22			11-12/12/22			12-13/12/22		
		Leq	Lmax	L ₉₀	Leq	Lmax	L ₉₀	Leq	Lmax	L ₉₀
1.	12:00-13:00	54.6	69.4	53.6	51.1	61.7	49.9	51.6	56.3	50.3
2.	13:00-14:00	52.1	67.1	50.3	49.8	62.0	46.9	51.5	58.4	50.1
3.	14:00-15:00	51.7	70.3	47.9	51.3	62.4	48.7	53.1	77.2	49.8
4.	15:00-16:00	53.5	71.0	49.8	51.7	63.8	49.1	55.7	74.9	50.1
5.	16:00-17:00	53.1	69.5	49.3	51.7	63.6	48.9	56.0	77.9	49.5
6.	17:00-18:00	51.8	67.1	48.5	51.3	63.3	48.3	53.9	71.7	48.8
7.	18:00-19:00	52.3	68.5	49.2	51.5	64.1	49.3	50.7	65.2	49.0
8.	19:00-20:00	53.8	80.0	49.5	51.2	60.6	49.0	54.1	72.2	49.8
9.	20:00-21:00	53.2	64.7	50.6	58.7	82.2	48.8	56.0	76.1	49.6
10.	21:00-22:00	53.1	65.6	50.3	51.6	64.4	48.8	54.8	74.5	48.7
11.	22:00-23:00	51.8	61.1	49.4	51.0	68.5	48.8	53.8	74.9	48.8
12.	23:00-00:00	52.5	61.0	50.1	50.8	61.8	48.9	52.3	68.4	48.8
13.	00:00-01:00	52.7	63.4	50.3	51.4	64.1	48.7	54.5	73.1	49.4
14.	01:00-02:00	52.3	60.2	49.7	50.3	61.0	48.4	61.6	73.3	58.3
15.	02:00-03:00	52.9	65.7	49.7	50.2	62.5	48.2	61.5	69.4	57.4
16.	03:00-04:00	54.6	85.9	49.4	50.2	57.2	48.2	62.8	71.8	59.6
17.	04:00-05:00	52.4	73.2	49.0	53.9	70.8	51.0	62.3	69.2	59.7
18.	05:00-06:00	52.2	70.1	49.3	57.9	79.4	51.9	64.3	71.3	61.1
19.	06:00-07:00	51.6	64.4	48.9	55.3	78.2	49.4	58.7	68.5	53.1
20.	07:00-08:00	50.8	57.3	49.5	53.2	66.5	51.6	53.9	66.5	53.1
21.	08:00-09:00	51.1	61.4	49.7	52.8	60.3	51.4	53.6	60.9	53.0
22.	09:00-10:00	50.9	58.6	49.5	52.2	60.0	50.8	52.9	58.4	52.1
23.	10:00-11:00	51.4	58.4	49.9	52.1	63.4	50.8	53.0	54.8	52.1
24.	11:00-12:00	51.4	64.3	49.9	51.8	62.9	50.1	53.0	62.2	52.0
Leq 24 hr		52.5	-	-	52.9	-	-	57.7	-	-
Lmax		-	85.9	-	-	82.2	-	-	77.9	-
Standard ⁽¹⁾⁽²⁾		70	115	-	70	115	-	70	115	-
Ldn		59.0	-	-	59.6	-	-	66.6	-	-

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

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

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager



TEST REPORT

Customer Name : บริษัท ตะวันแดง 1999 จำกัด
Project : โครงการโรงงานผลิตแอลกอฮอล์และสุรา (ส่วนขยาย ครั้งที่ 1)
(ระยะดำเนินการ)
Address : เลขที่ 88 หมู่ที่ 15 บ้านเขาน้อย ตำบลหนองแขง
อำเภอหันคา จังหวัดชัยนาท
Job No. : S650153/Dec

Report No. : 3581/2022/27-34
Report Date : December 19, 2022
Sampling Date : December 6-13, 2022
Type of Sample : Sound Level

Item	Time	Result (dB (A))											
		วิธีวัดโครงการด้านตะวันตก											
		06-07/12/22			07-08/12/22			08-09/12/22			09-10/12/22		
		Leq	Lmax	L ₉₀	Leq	Lmax	L ₉₀	Leq	Lmax	L ₉₀	Leq	Lmax	L ₉₀
1.	12:00-13:00	56.0	72.9	53.5	57.4	73.7	55.8	58.1	75.3	57.5	58.4	68.1	56.8
2.	13:00-14:00	54.3	65.5	53.3	58.6	75.9	56.2	56.6	63.3	56.0	58.5	94.4	56.1
3.	14:00-15:00	55.8	67.4	55.0	57.9	76.0	56.5	56.9	79.7	55.4	56.3	81.9	55.1
4.	15:00-16:00	57.5	72.5	55.5	59.0	69.1	58.1	56.0	66.8	54.7	56.6	69.8	55.5
5.	16:00-17:00	56.3	68.8	55.4	58.6	72.8	57.0	56.5	71.2	55.4	57.0	77.7	55.8
6.	17:00-18:00	55.1	71.2	54.1	55.9	68.0	55.3	57.3	65.0	56.5	56.6	72.2	55.2
7.	18:00-19:00	54.8	68.2	54.0	57.1	78.6	55.3	58.1	74.7	57.2	56.5	71.9	55.5
8.	19:00-20:00	55.2	63.0	54.6	57.2	74.1	54.7	58.2	67.1	57.3	56.3	71.6	55.4
9.	20:00-21:00	55.8	65.4	55.1	55.5	66.7	54.5	58.1	66.7	57.3	56.4	66.8	55.5
10.	21:00-22:00	54.9	60.8	54.3	57.0	68.6	56.2	57.6	72.1	56.9	55.7	73.3	54.6
11.	22:00-23:00	54.7	59.6	54.2	58.7	73.7	56.7	56.0	63.6	55.1	56.2	67.3	55.2
12.	23:00-00:00	55.5	64.0	54.9	57.5	70.0	56.6	57.3	71.9	55.9	56.2	70.3	55.1
13.	00:00-01:00	55.7	63.9	55.0	56.3	72.4	55.3	58.1	76.2	57.0	56.2	68.5	55.5
14.	01:00-02:00	55.4	65.1	54.6	56.0	69.4	55.2	57.2	71.0	56.1	57.4	71.5	55.2
15.	02:00-03:00	55.5	64.7	54.5	56.3	73.1	55.6	55.9	70.3	54.8	58.3	66.8	57.6
16.	03:00-04:00	55.7	74.1	55.1	56.9	66.6	56.2	55.7	70.1	54.8	58.8	64.0	58.2
17.	04:00-05:00	55.9	78.5	54.4	56.3	62.1	55.7	56.8	78.9	56.0	58.5	73.2	57.6
18.	05:00-06:00	54.5	65.6	53.5	55.8	61.6	55.1	55.7	65.2	54.8	55.9	66.5	55.2
19.	06:00-07:00	55.2	70.0	54.0	56.5	65.2	55.6	56.1	77.4	55.2	55.5	75.5	54.7
20.	07:00-08:00	56.1	63.8	55.3	56.9	65.1	56.2	58.0	81.2	56.4	55.2	63.5	54.3
21.	08:00-09:00	56.5	73.3	55.4	56.7	66.3	55.8	57.8	64.8	56.3	54.7	62.8	54.0
22.	09:00-10:00	57.1	73.5	56.3	56.5	65.6	55.7	59.0	77.4	57.0	54.7	63.6	54.0
23.	10:00-11:00	57.0	65.9	56.1	58.5	74.9	57.0	58.7	68.2	57.9	54.8	66.1	53.9
24.	11:00-12:00	56.7	62.5	55.9	59.8	77.1	57.4	58.7	72.8	57.7	55.3	68.7	54.4
Leq 24 hr		55.8	-	-	57.4	-	-	57.4	-	-	56.7	-	-
Lmax		-	78.5	-	-	78.6	-	-	81.2	-	-	94.4	-
Standard ⁽¹⁾⁽²⁾		70	115	-	70	115	-	70	115	-	70	115	-
Ldn		61.9	-	-	63.3	-	-	63.2	-	-	63.5	-	-

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

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

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager

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TEST REPORT

Customer Name : บริษัท ตะวันแดง 1999 จำกัด
Project : โครงการโรงงานผลิตแอลกอฮอล์และสุรา (ส่วนขยาย ครั้งที่ 1)
(ระยะดำเนินการ)
Address : เลขที่ 88 หมู่ที่ 15 บ้านเขาน้อย ตำบลหนองแขง
อำเภอหันคา จังหวัดชัยนาท
Job No. : S650153/Dec

Report No. : 3581/2022/28-34
Report Date : December 19, 2022
Sampling Date : December 6-13, 2022
Type of Sample : Sound Level

Item	Time	Result (dB (A))								
		ริมรั้วโครงการด้านตะวันตก								
		10-11/12/22			11-12/12/22			12-13/12/22		
		Leq	Lmax	L ₉₀	Leq	Lmax	L ₉₀	Leq	Lmax	L ₉₀
1.	12:00-13:00	55.8	82.4	53.6	55.0	66.7	54.0	56.9	75.3	55.8
2.	13:00-14:00	54.9	69.9	53.8	56.6	71.8	54.8	58.3	68.4	57.4
3.	14:00-15:00	55.7	68.7	54.6	55.8	69.1	54.8	58.0	72.1	57.1
4.	15:00-16:00	55.5	74.1	54.5	54.5	70.5	53.4	55.4	67.3	54.7
5.	16:00-17:00	54.5	68.0	53.7	54.0	67.5	53.3	56.3	77.9	54.6
6.	17:00-18:00	55.0	81.7	52.5	54.4	62.3	53.8	56.4	73.4	54.1
7.	18:00-19:00	54.5	69.2	53.3	55.0	64.7	54.3	55.0	71.0	53.8
8.	19:00-20:00	55.1	68.0	54.0	54.3	60.1	53.7	56.2	67.9	55.2
9.	20:00-21:00	55.3	73.4	54.0	54.0	59.7	53.4	57.8	73.0	56.0
10.	21:00-22:00	55.1	65.8	54.4	54.7	63.3	53.9	57.0	70.3	56.0
11.	22:00-23:00	54.7	74.8	53.9	55.0	63.2	54.2	55.7	71.7	54.6
12.	23:00-00:00	54.4	62.8	53.5	54.8	64.4	53.9	55.2	68.7	54.5
13.	00:00-01:00	54.0	62.1	53.3	54.6	64.0	53.9	55.6	72.4	55.0
14.	01:00-02:00	54.0	62.9	53.3	55.1	73.4	54.4	56.2	65.9	55.4
15.	02:00-03:00	54.2	65.4	53.3	55.2	77.8	53.7	55.7	61.4	55.2
16.	03:00-04:00	55.5	66.6	54.6	53.8	64.9	53.0	55.0	60.9	54.4
17.	04:00-05:00	55.5	69.6	54.5	54.4	69.3	53.3	55.8	64.5	54.9
18.	05:00-06:00	55.4	67.8	54.6	55.3	63.1	54.4	56.2	64.4	55.5
19.	06:00-07:00	57.2	70.8	55.8	55.8	72.6	54.7	56.1	65.6	55.1
20.	07:00-08:00	57.6	63.0	56.8	56.4	72.8	55.6	55.8	64.9	55.0
21.	08:00-09:00	58.1	72.5	57.4	56.3	65.2	55.4	57.7	74.2	56.2
22.	09:00-10:00	56.8	71.2	56.8	56.0	61.8	55.3	59.1	76.4	56.6
23.	10:00-11:00	55.2	72.2	52.9	56.7	73.0	55.1	57.4	67.9	56.9
24.	11:00-12:00	53.8	69.8	52.6	57.9	75.2	55.4	55.9	74.6	55.4
Leq 24 hr		55.5	-	-	55.4	-	-	56.6	-	-
Lmax		-	82.4	-	-	77.8	-	-	77.9	-
Standard ⁽¹⁾⁽²⁾		70	115	-	70	115	-	70	115	-
Ldn		61.6	-	-	61.4	-	-	62.4	-	-

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

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

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager

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TEST REPORT

Customer Name : บริษัท ตะวันแดง 1999 จำกัด
Project : โครงการโรงงานผลิตแอลกอฮอล์และสุรา (ส่วนขยาย ครั้งที่ 1)
(ระยะดำเนินการ)
Address : เลขที่ 88 หมู่ที่ 15 บ้านเขาน้อย ตำบลหนองแขง
อำเภอหันคา จังหวัดชัยนาท
Job No. : S650153/Dec

Report No. : 3581/2022/29-34
Report Date : December 19, 2022
Sampling Date : December 6-13, 2022
Type of Sample : เสียงรบกวน

(29/1-3)

Item	Time	Result (dB(A))				
		ชุมชนบ้านเขาน้อย บริเวณทิศใต้ของโครงการ				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		06-07/12/22	11-12/12/22	-	11-12/12/22	-
1.	15.00-16.00	53.8	51.7	49.5	49.6	-0.1
2.	16.00-17.00	52.7	51.8	45.4	49.4	-4.0
3.	17.00-18.00	53.6	51.7	49.1	49.4	-0.3
4.	18.00-19.00	54.5	51.1	51.8	49.0	2.8
5.	19.00-20.00	53.1	50.5	49.6	47.7	1.9
6.	20.00-21.00	53.2	50.4	49.9	48.0	1.9
7.	21.00-22.00	54.1	50.9	51.3	48.6	2.7
8.	22.00-22.05	52.0	50.2	50.3	48.0	2.3
	22.05-22.10	53.1	51.2	51.6	48.5	3.1
	22.10-22.15	54.0	50.3	54.6	48.4	6.2
	22.15-22.20	51.7	50.3	49.1	48.4	0.7
	22.20-22.25	52.3	50.4	50.8	48.1	2.7
	22.25-22.30	51.4	49.7	49.5	48.0	1.5
	22.30-22.35	52.8	50.0	52.6	48.4	4.2
	22.35-22.40	52.8	49.9	52.7	48.0	4.7
	22.40-22.45	51.6	50.8	46.9	48.5	-1.6
	22.45-22.50	51.9	50.9	48.0	49.6	-1.6
	22.50-22.55	51.7	51.1	45.8	49.6	-3.8
	22.55-23.00	52.8	51.0	51.1	49.1	2.0
9.	23.00-23.05	53.0	50.8	52.0	48.6	3.4
	23.05-23.10	52.6	53.9	53.9	49.0	4.9
	23.10-23.15	52.7	54.5	54.5	48.4	6.1
	23.15-23.20	52.0	49.6	51.3	47.4	3.9
	23.20-23.25	53.4	49.0	54.4	47.4	7.0
	23.25-23.30	53.3	48.8	54.4	47.3	7.1
	23.30-23.35	53.0	50.0	53.0	48.9	4.1
	23.35-23.40	54.7	48.7	56.4	47.3	9.1
	23.40-23.45	52.8	50.1	52.5	47.3	5.2
	23.45-23.50	53.1	50.6	52.5	47.2	5.3
	23.50-23.55	51.2	49.6	49.1	46.7	2.4
	23.55-00.00	53.7	50.7	53.7	48.1	5.6
Standard ⁽¹⁾⁽²⁾						<10

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TEST REPORT

(29/2-3)

Item	Time	Result (dB(A))				
		ชุมชนบ้านเขาน้อย บริเวณทิศใต้ของโครงการ				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		06-07/12/22	11-12/12/22	-	11-12/12/22	-
9.	00.00-00.05	51.9	48.4	52.3	47.1	5.2
	00.05-00.10	51.6	48.0	52.1	47.2	4.9
	00.10-00.15	51.2	48.7	50.6	47.0	3.6
	00.15-00.20	50.9	53.8	53.8	47.2	6.6
	00.20-00.25	52.8	50.3	52.2	47.6	4.6
	00.25-00.30	55.9	48.2	58.1	47.0	11.1
	00.30-00.35	51.8	48.7	51.9	47.4	4.5
	00.35-00.40	51.5	48.9	51.0	46.9	4.1
	00.40-00.45	50.9	48.6	50.0	47.6	2.4
	00.45-00.50	52.0	47.9	52.9	46.6	6.3
11.	00.50-00.55	50.7	50.4	41.9	46.8	-4.9
	00.55-01.00	50.8	47.9	50.7	46.9	3.8
	01.00-01.05	52.0	49.2	51.8	47.6	4.2
	01.05-01.10	50.4	49.8	44.5	47.1	-2.6
	01.10-01.15	51.5	48.7	51.3	46.8	4.5
	01.15-01.20	50.9	51.0	51.0	47.3	3.7
	01.20-01.25	51.0	51.1	51.1	48.2	2.9
	01.25-01.30	51.5	49.1	50.8	47.5	3.3
	01.30-01.35	51.5	50.6	47.2	47.2	0.0
	01.35-01.40	50.8	49.5	47.9	47.0	0.9
12.	01.40-01.45	50.9	47.1	51.6	46.3	5.3
	01.45-01.50	51.8	47.1	53.0	46.1	6.9
	01.50-01.55	50.5	48.0	49.9	45.9	4.0
	01.55-02.00	50.5	49.4	47.0	47.1	-0.1
	02.00-02.05	50.6	48.2	49.9	47.1	2.8
	02.05-02.10	51.8	48.4	52.1	47.2	4.9
	02.10-02.15	52.4	49.1	52.7	47.1	5.6
	02.15-02.20	50.9	48.3	50.4	47.3	3.1
	02.20-02.25	52.4	47.9	53.5	47.0	6.5
	02.25-02.30	52.1	48.6	52.5	47.4	5.1
13.	02.30-02.35	55.6	49.2	57.5	47.5	10.0
	02.35-02.40	58.5	50.0	60.8	48.0	12.8
	02.40-02.45	51.3	50.2	47.8	47.4	0.4
	02.45-02.50	51.7	48.7	51.7	47.3	4.4
	02.50-02.55	50.6	57.7	57.7	51.6	6.1
	02.55-03.00	53.9	56.0	56.0	53.4	2.6
	03.00-03.05	51.4	56.6	56.6	53.1	3.5
	03.05-03.10	49.9	57.5	57.5	53.3	4.2
	03.10-03.15	52.2	55.1	55.1	52.4	2.7
	03.15-03.20	51.9	53.0	53.0	50.1	2.9
	03.20-03.25	49.9	54.3	54.3	48.8	5.5
	03.25-03.30	50.2	51.7	51.7	48.5	3.2
	03.30-03.35	50.4	52.2	52.2	47.8	4.4
	03.35-03.40	51.4	53.2	53.2	49.0	4.2
	03.40-03.45	53.2	51.9	50.3	49.8	0.5
	03.45-03.50	53.9	54.5	54.5	49.8	4.7
	03.50-03.55	50.3	52.2	52.2	49.2	3.0
	03.55-04.00	51.3	51.1	40.8	47.9	-7.1
Standard ⁽¹⁾⁽²⁾						<10

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TEST REPORT

(29/3-3)

Item	Time	Result (dB(A))				
		ชุมชนบ้านเขาน้อย บริเวณทิศใต้ของโครงการ				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		06-07/12/22	11-12/12/22	-	11-12/12/22	-
14.	04.00-04.05	51.2	51.0	40.7	47.7	-7.0
	04.05-04.10	50.6	52.6	52.6	50.0	2.6
	04.10-04.15	51.6	51.6	51.6	49.3	2.3
	04.15-04.20	50.7	52.2	52.2	49.6	2.6
	04.20-04.25	50.7	53.0	53.0	50.5	2.5
	04.25-04.30	50.8	51.7	51.7	46.6	5.1
	04.30-04.35	50.1	49.0	46.6	44.6	2.0
	04.35-04.40	50.4	50.9	50.9	46.3	4.6
	04.40-04.45	50.3	52.6	52.6	48.9	3.7
	04.45-04.50	51.2	52.7	52.7	48.8	3.9
15.	04.50-04.55	51.3	53.8	53.8	49.0	4.8
	04.55-05.00	51.5	51.8	51.8	47.0	4.8
	05.00-05.05	51.4	49.0	50.7	45.6	5.1
	05.05-05.10	51.2	50.0	48.0	48.0	0.0
	05.10-05.15	54.3	49.8	55.4	45.7	9.7
	05.15-05.20	54.9	52.3	54.4	50.3	4.1
	05.20-05.25	50.0	53.5	53.5	50.5	3.0
	05.25-05.30	49.4	50.4	50.4	47.9	2.5
	05.30-05.35	49.2	51.8	51.8	46.9	4.9
	05.35-05.40	50.4	50.5	50.5	45.8	4.7
16.	05.40-05.45	49.1	51.0	51.0	47.0	4.0
	05.45-05.50	50.5	52.2	52.2	48.1	4.1
	05.50-05.55	51.0	49.9	47.5	46.4	1.1
	05.55-06.00	50.0	54.5	54.5	48.4	6.1
	06.00-07.00	50.1	52.1	52.1	48.4	3.7
	07.00-08.00	49.7	52.8	52.8	48.6	4.3
	08.00-09.00	57.9	51.5	56.7	47.0	9.7
	09.00-10.00	56.2	51.9	54.2	48.0	6.2
	10.00-11.00	56.6	53.0	54.2	48.6	5.6
	11.00-12.00	55.0	51.2	52.6	46.6	6.1
22.	12.00-13.00	55.5	52.1	52.9	48.4	4.5
23.	13.00-14.00	56.6	53.2	54.0	48.6	5.5
24.	14.00-15.00	56.6	51.1	55.1	47.5	7.6
Standard ⁽¹⁾⁽²⁾						<10

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

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

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

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager

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1/6 Soi Ramkhamhaeng 145, Khwaeng / Khet Saphansung, Bangkok 10240
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E-mail : admin@tet1995.com
Tel : 0-2373-7799 (Auto) Fax : 0-2373-7979

TEST REPORT

Customer Name : บริษัท ตะวันแดง 1999 จำกัด
Project : โครงการโรงงานผลิตแอลกอฮอล์และสุรา (ส่วนขยาย ครั้งที่ 1)
(ระยะดำเนินการ)
Address : เลขที่ 88 หมู่ที่ 15 บ้านเขาน้อย ตำบลหนองแขง
อำเภอหันคา จังหวัดชัยนาท
Job No. : S650153/Dec

Report No. : 3581/2022/30-34
Report Date : December 19, 2022
Sampling Date : December 6-13, 2022
Type of Sample : เสียงรบกวน

(30/1-3)

Item	Time	Result (dB(A))				
		ชุมชนบ้านเขาน้อย บริเวณทิศใต้ของโครงการ				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		07-08/12/22	11-12/12/22	-	11-12/12/22	-
1.	15.00-16.00	58.1	51.7	57.0	49.6	7.4
2.	16.00-17.00	54.2	51.8	50.5	49.4	1.1
3.	17.00-18.00	57.0	51.7	55.5	49.4	6.2
4.	18.00-19.00	56.5	51.1	55.1	49.0	6.1
5.	19.00-20.00	56.3	50.5	54.9	47.7	7.2
6.	20.00-21.00	54.9	50.4	53.0	48.0	5.0
7.	21.00-22.00	54.8	50.9	52.6	48.6	4.0
8.	22.00-22.05	51.1	50.2	46.8	48.0	-1.2
	22.05-22.10	53.1	51.2	51.6	48.5	3.1
	22.10-22.15	55.6	50.3	57.1	48.4	8.7
	22.15-22.20	53.1	50.3	52.9	48.4	4.5
	22.20-22.25	55.6	50.4	57.0	48.1	8.9
	22.25-22.30	50.1	49.7	42.5	48.0	-5.5
	22.30-22.35	53.5	50.0	53.9	48.4	5.5
	22.35-22.40	55.1	49.9	56.5	48.0	8.5
	22.40-22.45	53.9	50.8	54.0	48.5	5.5
	22.45-22.50	52.3	50.9	49.7	49.6	0.1
	22.50-22.55	54.8	51.1	55.4	49.6	5.8
	22.55-23.00	54.6	51.0	55.1	49.1	6.0
9.	23.00-23.05	57.4	50.8	59.3	48.6	10.7
	23.05-23.10	57.4	53.9	57.8	49.0	8.8
	23.10-23.15	49.0	54.5	54.5	48.4	6.1
	23.15-23.20	50.9	49.6	48.0	47.4	0.6
	23.20-23.25	50.8	49.0	49.1	47.4	1.7
	23.25-23.30	54.1	48.8	55.6	47.3	8.3
	23.30-23.35	50.2	50.0	39.7	48.9	-9.2
	23.35-23.40	50.4	48.7	48.5	47.3	1.2
	23.40-23.45	50.4	50.1	41.6	47.3	-5.7
	23.45-23.50	51.0	50.6	43.4	47.2	-3.8
	23.50-23.55	52.4	49.6	52.2	46.7	5.5
	23.55-00.00	54.1	50.7	54.4	48.1	6.3
Standard ⁽¹⁾⁽²⁾						<10

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TEST REPORT

(30/2-3)

Item	Time	Result (dB(A))				
		ชุมชนบ้านเขาน้อย บริเวณทิศใต้ของโครงการ				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		07-08/12/22	11-12/12/22	-	11-12/12/22	-
9.	00.00-00.05	53.0	48.4	54.2	47.1	7.1
	00.05-00.10	54.1	48.0	55.9	47.2	8.7
	00.10-00.15	54.7	48.7	56.4	47.0	9.4
	00.15-00.20	54.7	53.8	50.4	47.2	3.2
	00.20-00.25	54.4	50.3	55.3	47.6	7.7
	00.25-00.30	53.9	48.2	55.5	47.0	8.5
	00.30-00.35	52.6	48.7	53.3	47.4	5.9
	00.35-00.40	54.0	48.9	55.4	46.9	8.5
	00.40-00.45	54.8	48.6	56.6	47.6	9.0
	00.45-00.50	52.5	47.9	53.7	46.6	7.1
11.	00.50-00.55	54.5	50.4	55.4	46.8	8.6
	00.55-01.00	54.2	47.9	56.0	46.9	9.1
	01.00-01.05	53.7	49.2	54.8	47.6	7.2
	01.05-01.10	54.2	49.8	55.2	47.1	8.1
	01.10-01.15	54.1	48.7	55.6	46.8	8.8
	01.15-01.20	53.8	51.0	53.6	47.3	6.3
	01.20-01.25	54.5	51.1	54.8	48.2	6.6
	01.25-01.30	53.4	49.1	54.4	47.5	6.9
	01.30-01.35	53.7	50.6	53.8	47.2	6.6
	01.35-01.40	53.6	49.5	54.5	47.0	7.5
12.	01.40-01.45	51.3	47.1	52.2	46.3	5.9
	01.45-01.50	53.5	47.1	55.4	46.1	9.3
	01.50-01.55	56.4	48.0	58.7	45.9	12.8
	01.55-02.00	53.1	49.4	53.7	47.1	6.6
	02.00-02.05	51.7	48.2	52.1	47.1	5.0
	02.05-02.10	55.6	48.4	57.7	47.2	10.5
	02.10-02.15	51.8	49.1	51.5	47.1	4.4
	02.15-02.20	51.8	48.3	52.2	47.3	4.9
	02.20-02.25	51.1	47.9	51.3	47.0	4.3
	02.25-02.30	51.6	48.6	51.6	47.4	4.2
13.	02.30-02.35	51.9	49.2	51.6	47.5	4.1
	02.35-02.40	51.0	50.0	47.1	48.0	-0.9
	02.40-02.45	51.2	50.2	47.3	47.4	-0.1
	02.45-02.50	51.9	48.7	52.1	47.3	4.8
	02.50-02.55	52.3	57.7	57.7	51.6	6.1
	02.55-03.00	51.3	56.0	56.0	53.4	2.6
	03.00-03.05	50.2	56.6	56.6	53.1	3.5
	03.05-03.10	53.5	57.5	57.5	53.3	4.2
	03.10-03.15	50.7	55.1	55.1	52.4	2.7
	03.15-03.20	54.8	53.0	53.1	50.1	3.0
	03.20-03.25	55.6	54.3	52.7	48.8	3.9
	03.25-03.30	54.0	51.7	53.1	48.5	4.6
	03.30-03.35	53.4	52.2	50.2	47.8	2.4
	03.35-03.40	51.6	53.2	53.2	49.0	4.2
	03.40-03.45	51.3	51.9	51.9	49.8	2.1
	03.45-03.50	56.7	54.5	55.7	49.8	5.9
	03.50-03.55	53.2	52.2	49.3	49.2	0.1
	03.55-04.00	51.0	51.1	51.1	47.9	3.2
Standard ⁽¹⁾⁽²⁾						<10

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TEST REPORT

(30/3-3)

Item	Time	Result (dB(A))				
		ชุมชนบ้านเขาน้อย บริเวณทิศใต้ของโครงการ				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		07-08/12/22	11-12/12/22	-	11-12/12/22	-
14.	04.00-04.05	52.4	51.0	49.8	47.7	2.1
	04.05-04.10	52.5	52.6	52.6	50.0	2.6
	04.10-04.15	51.5	51.6	51.6	49.3	2.3
	04.15-04.20	52.6	52.2	45.0	49.6	-4.6
	04.20-04.25	54.5	53.0	52.2	50.5	1.7
	04.25-04.30	53.0	51.7	50.1	46.6	3.5
	04.30-04.35	53.2	49.0	54.1	44.6	9.5
	04.35-04.40	52.6	50.9	50.7	46.3	4.4
	04.40-04.45	51.5	52.6	52.6	48.9	3.7
	04.45-04.50	50.6	52.7	52.7	48.8	3.9
	04.50-04.55	52.3	53.8	53.8	49.0	4.8
15.	04.55-05.00	52.2	51.8	44.6	47.0	-2.4
	05.00-05.05	51.5	49.0	50.9	45.6	5.3
	05.05-05.10	53.0	50.0	53.0	48.0	5.0
	05.10-05.15	55.4	49.8	57.0	45.7	11.3
	05.15-05.20	56.8	52.3	57.9	50.3	7.6
	05.20-05.25	53.5	53.5	53.5	50.5	3.0
	05.25-05.30	50.6	50.4	40.1	47.9	-7.8
	05.30-05.35	53.1	51.8	50.2	46.9	3.3
	05.35-05.40	54.0	50.5	54.4	45.8	8.6
	05.40-05.45	53.6	51.0	53.1	47.0	6.1
	05.45-05.50	56.0	52.2	56.7	48.1	8.6
16.	05.50-05.55	54.0	49.9	54.9	46.4	8.5
	05.55-06.00	52.2	54.5	54.5	48.4	6.1
	06.00-07.00	53.7	52.1	48.5	48.4	0.1
	07.00-08.00	51.4	52.8	52.8	48.6	4.3
	08.00-09.00	51.9	51.5	41.0	47.0	-6.0
	09.00-10.00	51.4	51.9	51.9	48.0	3.9
	10.00-11.00	52.8	53.0	53.0	48.6	4.4
	11.00-12.00	57.6	51.2	56.4	46.6	9.9
	12.00-13.00	57.0	52.1	55.3	48.4	6.9
	13.00-14.00	53.9	53.2	45.7	48.6	-2.9
	14.00-15.00	50.8	51.1	51.1	47.5	3.6
Standard ⁽¹⁾⁽²⁾						<10

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

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

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

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager

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TEST REPORT

Customer Name : บริษัท ตะวันแดง 1999 จำกัด

Report No. : 3581/2022/31-34

Project : โครงการโรงงานผลิตแอลกอฮอล์และสุรา (ส่วนขยาย ครั้งที่ 1)
(ระยะดำเนินการ)

Report Date : December 19, 2022

Sampling Date : December 6-13, 2022

Address : เลขที่ 88 หมู่ที่ 15 บ้านเขาน้อย ตำบลหนองแขง
อำเภอหันคา จังหวัดชัยนาท

Type of Sample : เสียงรบกวน

Job No. : S650153/Dec

(31/1-3)

Item	Time	Result (dB(A))				
		ชุมชนบ้านเขาน้อย บริเวณทิศใต้ของโครงการ				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		08-09/12/22	11-12/12/22	-	11-12/12/22	-
1.	15.00-16.00	53.5	51.7	48.9	49.6	-0.7
2.	16.00-17.00	52.6	51.8	44.8	49.4	-4.6
3.	17.00-18.00	51.3	51.7	51.7	49.4	2.4
4.	18.00-19.00	51.9	51.1	44.3	49.0	-4.6
5.	19.00-20.00	54.3	50.5	52.0	47.7	4.3
6.	20.00-21.00	53.2	50.4	49.9	48.0	1.9
7.	21.00-22.00	50.2	50.9	50.9	48.6	2.3
8.	22.00-22.05	49.9	50.2	50.2	48.0	2.2
	22.05-22.10	53.5	51.2	52.6	48.5	4.1
	22.10-22.15	60.5	50.3	63.1	48.4	14.7
	22.15-22.20	58.8	50.3	61.1	48.4	12.7
	22.20-22.25	53.7	50.4	54.0	48.1	5.9
	22.25-22.30	50.6	49.7	46.3	48.0	-1.7
	22.30-22.35	56.7	50.0	58.7	48.4	10.3
	22.35-22.40	53.4	49.9	53.8	48.0	5.8
	22.40-22.45	52.2	50.8	49.6	48.5	1.1
	22.45-22.50	51.1	50.9	40.6	49.6	-9.0
	22.50-22.55	50.5	51.1	51.1	49.6	1.5
	22.55-23.00	50.4	51.0	51.0	49.1	1.9
9.	23.00-23.05	49.5	50.8	50.8	48.6	2.2
	23.05-23.10	51.0	53.9	53.9	49.0	4.9
	23.10-23.15	50.5	54.5	54.5	48.4	6.1
	23.15-23.20	50.2	49.6	44.3	47.4	-3.1
	23.20-23.25	57.7	49.0	60.1	47.4	12.7
	23.25-23.30	56.8	48.8	59.1	47.3	11.8
	23.30-23.35	49.6	50.0	50.0	48.9	1.1
	23.35-23.40	50.1	48.7	47.5	47.3	0.2
	23.40-23.45	49.9	50.1	50.1	47.3	2.8
	23.45-23.50	50.6	50.6	50.6	47.2	3.4
	23.50-23.55	51.4	49.6	49.7	46.7	3.0
	23.55-00.00	61.6	50.7	64.2	48.1	16.1
Standard ⁽¹⁾⁽²⁾						<10

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TEST REPORT

(31/2-3)

Item	Time	Result (dB(A))				
		ชุมชนบ้านเขาน้อย บริเวณทิศใต้ของโครงการ				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		08-09/12/22	11-12/12/22	-	11-12/12/22	-
9.	00.00-00.05	64.8	48.4	67.7	47.1	20.6
	00.05-00.10	61.0	48.0	63.8	47.2	16.6
	00.10-00.15	56.8	48.7	59.1	47.0	12.1
	00.15-00.20	49.5	53.8	53.8	47.2	6.6
	00.20-00.25	49.2	50.3	50.3	47.6	2.7
	00.25-00.30	49.7	48.2	47.4	47.0	0.4
	00.30-00.35	54.2	48.7	55.8	47.4	8.4
	00.35-00.40	50.3	48.9	47.7	46.9	0.8
	00.40-00.45	56.0	48.6	58.1	47.6	10.5
	00.45-00.50	50.1	47.9	49.1	46.6	2.5
11.	00.50-00.55	50.4	50.4	50.4	46.8	3.6
	00.55-01.00	50.5	47.9	50.0	46.9	3.1
	01.00-01.05	59.6	49.2	62.2	47.6	14.6
	01.05-01.10	57.0	49.8	59.1	47.1	12.0
	01.10-01.15	50.4	48.7	48.5	46.8	1.7
	01.15-01.20	50.4	51.0	51.0	47.3	3.7
	01.20-01.25	50.1	51.1	51.1	48.2	2.9
	01.25-01.30	50.9	49.1	49.2	47.5	1.7
	01.30-01.35	49.9	50.6	50.6	47.2	3.4
	01.35-01.40	49.8	49.5	41.0	47.0	-6.0
12.	01.40-01.45	50.0	47.1	49.9	46.3	3.6
	01.45-01.50	49.4	47.1	48.5	46.1	2.4
	01.50-01.55	49.5	48.0	47.2	45.9	1.3
	01.55-02.00	56.8	49.4	58.9	47.1	11.8
	02.00-02.05	56.9	48.2	59.3	47.1	12.2
	02.05-02.10	50.7	48.4	49.8	47.2	2.6
	02.10-02.15	50.2	49.1	46.7	47.1	-0.4
	02.15-02.20	50.3	48.3	49.0	47.3	1.7
	02.20-02.25	49.0	47.9	45.5	47.0	-1.5
	02.25-02.30	49.6	48.6	45.7	47.4	-1.7
13.	02.30-02.35	49.5	49.2	40.7	47.5	-6.8
	02.35-02.40	49.4	50.0	50.0	48.0	2.0
	02.40-02.45	55.2	50.2	56.5	47.4	9.1
	02.45-02.50	59.2	48.7	61.8	47.3	14.5
	02.50-02.55	56.8	57.7	57.7	51.6	6.1
	02.55-03.00	58.1	56.0	56.9	53.4	3.5
	03.00-03.05	60.0	56.6	60.3	53.1	7.2
	03.05-03.10	59.4	57.5	57.9	53.3	4.6
	03.10-03.15	59.5	55.1	60.5	52.4	8.1
	03.15-03.20	58.2	53.0	59.6	50.1	9.5
	03.20-03.25	57.2	54.3	57.1	48.8	8.3
	03.25-03.30	59.1	51.7	61.2	48.5	12.7
	03.30-03.35	59.6	52.2	61.7	47.8	13.9
	03.35-03.40	59.3	53.2	61.1	49.0	12.1
	03.40-03.45	58.1	51.9	59.9	49.8	10.1
	03.45-03.50	60.7	54.5	62.5	49.8	12.7
	03.50-03.55	60.0	52.2	62.2	49.2	13.0
	03.55-04.00	60.4	51.1	62.9	47.9	15.0
Standard ⁽¹⁾⁽²⁾						<10

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TEST REPORT

(31/3-3)

Item	Time	Result (dB(A))				
		ชุมชนบ้านเขาน้อย บริเวณทิศใต้ของโครงการ				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		08-09/12/22	11-12/12/22	-	11-12/12/22	-
14.	04.00-04.05	59.0	51.0	61.3	47.7	13.6
	04.05-04.10	50.0	52.6	52.6	50.0	2.6
	04.10-04.15	54.3	51.6	54.0	49.3	4.7
	04.15-04.20	60.3	52.2	62.6	49.6	13.0
	04.20-04.25	60.0	53.0	62.0	50.5	11.5
	04.25-04.30	60.2	51.7	62.5	46.6	15.9
	04.30-04.35	60.1	49.0	62.7	44.6	18.1
	04.35-04.40	59.5	50.9	61.9	46.3	15.6
	04.40-04.45	60.2	52.6	62.4	48.9	13.5
	04.45-04.50	60.1	52.7	62.2	48.8	13.4
	04.50-04.55	60.6	53.8	62.6	49.0	13.6
	04.55-05.00	60.5	51.8	62.9	47.0	15.9
15.	05.00-05.05	59.8	49.0	62.4	45.6	16.8
	05.05-05.10	54.5	50.0	55.6	48.0	7.6
	05.10-05.15	50.1	49.8	41.3	45.7	-4.4
	05.15-05.20	49.8	52.3	52.3	50.3	2.0
	05.20-05.25	50.3	53.5	53.5	50.5	3.0
	05.25-05.30	58.7	50.4	61.0	47.9	13.1
	05.30-05.35	51.6	51.8	51.8	46.9	4.9
	05.35-05.40	51.6	50.5	48.1	45.8	2.3
	05.40-05.45	59.3	51.0	61.6	47.0	14.6
	05.45-05.50	60.2	52.2	62.5	48.1	14.4
	05.50-05.55	59.7	49.9	62.2	46.4	15.8
	05.55-06.00	60.3	54.5	62.0	48.4	13.6
16.	06.00-07.00	58.5	52.1	57.3	48.4	8.9
17.	07.00-08.00	59.3	52.8	58.2	48.6	9.7
18.	08.00-09.00	61.2	51.5	60.7	47.0	13.7
19.	09.00-10.00	60.6	51.9	59.9	48.0	11.9
20.	10.00-11.00	61.9	53.0	61.3	48.6	12.7
21.	11.00-12.00	63.2	51.2	62.9	46.6	16.4
22.	12.00-13.00	62.8	52.1	62.5	48.4	14.1
23.	13.00-14.00	62.2	53.2	61.7	48.6	13.1
24.	14.00-15.00	62.7	51.1	62.4	47.5	14.9
Standard ⁽¹⁾⁽²⁾						<10

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

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

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

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager

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TEST REPORT

Customer Name : บริษัท ตะวันแดง 1999 จำกัด
Project : โครงการโรงงานผลิตแอลกอฮอล์และสุรา (ส่วนขยาย ครั้งที่ 1)
(ระยะดำเนินการ)
Address : เลขที่ 88 หมู่ที่ 15 บ้านเขาน้อย ตำบลหนองแขง
อำเภอหันคา จังหวัดชัยนาท
Job No. : S650153/Dec

Report No. : 3581/2022/32-34
Report Date : December 19, 2022
Sampling Date : December 6-13, 2022
Type of Sample : เสียงรบกวน

(32/1-3)

Item	Time	Result (dB(A))				
		ชุมชนบ้านเขาน้อย บริเวณทิศใต้ของโครงการ				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีกรรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		09-10/12/22	11-12/12/22	-	11-12/12/22	-
1.	15.00-16.00	61.1	51.7	55.0	49.4	5.6
2.	16.00-17.00	56.7	51.8	20.7	49.4	-28.6
3.	17.00-18.00	51.8	51.7	31.6	49.0	-17.4
4.	18.00-19.00	51.1	51.1	46.6	47.7	-1.1
5.	19.00-20.00	52.0	50.5	45.6	48.0	-2.4
6.	20.00-21.00	51.6	50.4	48.5	48.6	-0.1
7.	21.00-22.00	52.9	50.9	55.0	49.4	5.6
8.	22.00-22.05	50.9	50.2	45.6	48.0	-2.4
	22.05-22.10	54.1	51.2	54.0	48.5	5.5
	22.10-22.15	54.6	50.3	55.6	48.4	7.2
	22.15-22.20	51.1	50.3	46.4	48.4	-2.0
	22.20-22.25	50.4	50.4	50.4	48.1	2.3
	22.25-22.30	52.0	49.7	51.1	48.0	3.1
	22.30-22.35	56.7	50.0	58.7	48.4	10.3
	22.35-22.40	52.0	49.9	50.8	48.0	2.8
	22.40-22.45	49.6	50.8	50.8	48.5	2.3
	22.45-22.50	51.4	50.9	44.8	49.6	-4.8
	22.50-22.55	50.1	51.1	51.1	49.6	1.5
	22.55-23.00	49.0	51.0	51.0	49.1	1.9
9.	23.00-23.05	50.9	50.8	37.5	48.6	-11.1
	23.05-23.10	50.4	53.9	53.9	49.0	4.9
	23.10-23.15	50.7	54.5	54.5	48.4	6.1
	23.15-23.20	54.5	49.6	55.8	47.4	8.4
	23.20-23.25	52.8	49.0	53.5	47.4	6.1
	23.25-23.30	49.4	48.8	43.5	47.3	-3.8
	23.30-23.35	51.0	50.0	47.1	48.9	-1.8
	23.35-23.40	52.0	48.7	52.3	47.3	5.0
	23.40-23.45	52.4	50.1	51.5	47.3	4.2
	23.45-23.50	49.7	50.6	50.6	47.2	3.4
	23.50-23.55	50.6	49.6	46.7	46.7	0.0
	23.55-00.00	52.4	50.7	50.5	48.1	2.4
Standard ⁽¹⁾⁽²⁾						<10

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

(32/2-3)

Item	Time	Result (dB(A))				
		ชุมชนบ้านเขาน้อย บริเวณทิศใต้ของโครงการ				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		09-10/12/22	11-12/12/22	-	11-12/12/22	-
9.	00.00-00.05	60.5	48.4	63.2	47.1	16.1
	00.05-00.10	51.4	48.0	51.7	47.2	4.5
	00.10-00.15	51.2	48.7	50.6	47.0	3.6
	00.15-00.20	51.3	53.8	53.8	47.2	6.6
	00.20-00.25	53.4	50.3	53.5	47.6	5.9
	00.25-00.30	49.9	48.2	48.0	47.0	1.0
	00.30-00.35	51.6	48.7	51.5	47.4	4.1
	00.35-00.40	52.8	48.9	53.5	46.9	6.6
	00.40-00.45	50.7	48.6	49.5	47.6	1.9
	00.45-00.50	51.6	47.9	52.2	46.6	5.6
	00.50-00.55	53.5	50.4	53.6	46.8	6.8
11.	00.55-01.00	50.4	47.9	49.8	46.9	2.9
	01.00-01.05	52.9	49.2	53.5	47.6	5.9
	01.05-01.10	53.8	49.8	54.6	47.1	7.5
	01.10-01.15	57.8	48.7	60.2	46.8	13.4
	01.15-01.20	60.0	51.0	62.4	47.3	15.1
	01.20-01.25	51.7	51.1	45.8	48.2	-2.4
	01.25-01.30	51.7	49.1	51.2	47.5	3.7
	01.30-01.35	53.1	50.6	52.5	47.2	5.3
	01.35-01.40	53.6	49.5	54.5	47.0	7.5
	01.40-01.45	50.7	47.1	51.2	46.3	4.9
	01.45-01.50	58.0	47.1	60.6	46.1	14.5
12.	01.50-01.55	54.2	48.0	56.0	45.9	10.1
	01.55-02.00	53.8	49.4	54.8	47.1	7.7
	02.00-02.05	51.0	48.2	50.8	47.1	3.7
	02.05-02.10	51.9	48.4	52.3	47.2	5.1
	02.10-02.15	50.7	49.1	48.6	47.1	1.5
	02.15-02.20	57.9	48.3	60.4	47.3	13.1
	02.20-02.25	55.2	47.9	57.3	47.0	10.3
	02.25-02.30	53.9	48.6	55.4	47.4	8.0
	02.30-02.35	53.5	49.2	54.5	47.5	7.0
	02.35-02.40	50.1	50.0	36.7	48.0	-11.3
	02.40-02.45	53.4	50.2	53.6	47.4	6.2
13.	02.45-02.50	53.3	48.7	54.5	47.3	7.2
	02.50-02.55	53.1	57.7	57.7	51.6	6.1
	02.55-03.00	53.5	56.0	56.0	53.4	2.6
	03.00-03.05	52.2	56.6	56.6	53.1	3.5
	03.05-03.10	52.5	57.5	57.5	53.3	4.2
	03.10-03.15	53.5	55.1	55.1	52.4	2.7
	03.15-03.20	52.8	53.0	53.0	50.1	2.9
	03.20-03.25	54.0	54.3	54.3	48.8	5.5
	03.25-03.30	56.1	51.7	57.1	48.5	8.6
	03.30-03.35	54.1	52.2	52.6	47.8	4.8
	03.35-03.40	59.2	53.2	60.9	49.0	11.9
	03.40-03.45	53.6	51.9	51.7	49.8	1.9
	03.45-03.50	54.2	54.5	54.5	49.8	4.7
	03.50-03.55	56.8	52.2	58.0	49.2	8.8
	03.55-04.00	55.6	51.1	56.7	47.9	8.8
Standard ⁽¹⁾⁽²⁾						<10

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TEST REPORT

(32/3-3)

Item	Time	Result (dB(A))				
		ชุมชนบ้านเขาน้อย บริเวณทิศใต้ของโครงการ				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		09-10/12/22	11-12/12/22	-	11-12/12/22	-
14.	04.00-04.05	55.0	51.0	55.8	47.7	8.1
	04.05-04.10	55.1	52.6	54.5	50.0	4.5
	04.10-04.15	54.3	51.6	54.0	49.3	4.7
	04.15-04.20	54.8	52.2	54.3	49.6	4.7
	04.20-04.25	54.9	53.0	53.4	50.5	2.9
	04.25-04.30	54.9	51.7	55.1	46.6	8.5
	04.30-04.35	54.3	49.0	55.8	44.6	11.2
	04.35-04.40	52.0	50.9	48.5	46.3	2.2
	04.40-04.45	53.4	52.6	48.7	48.9	-0.2
	04.45-04.50	54.2	52.7	51.9	48.8	3.1
	04.50-04.55	54.3	53.8	47.7	49.0	-1.3
	04.55-05.00	54.5	51.8	54.2	47.0	7.2
15.	05.00-05.05	53.6	49.0	54.8	45.6	9.2
	05.05-05.10	57.0	50.0	59.0	48.0	11.0
	05.10-05.15	56.2	49.8	58.1	45.7	12.4
	05.15-05.20	55.4	52.3	55.5	50.3	5.2
	05.20-05.25	53.8	53.5	45.0	50.5	-5.5
	05.25-05.30	55.4	50.4	56.7	47.9	8.8
	05.30-05.35	54.6	51.8	54.4	46.9	7.5
	05.35-05.40	53.7	50.5	53.9	45.8	8.1
	05.40-05.45	56.5	51.0	58.1	47.0	11.1
	05.45-05.50	57.3	52.2	58.7	48.1	10.6
	05.50-05.55	53.8	49.9	54.5	46.4	8.1
	05.55-06.00	54.0	54.5	54.5	48.4	6.1
16.	06.00-07.00	54.5	52.1	50.9	48.4	2.5
17.	07.00-08.00	54.2	52.8	48.7	48.6	0.2
18.	08.00-09.00	54.2	51.5	50.8	47.0	3.8
19.	09.00-10.00	54.4	51.9	50.9	48.0	2.9
20.	10.00-11.00	53.7	53.0	45.5	48.6	-3.1
21.	11.00-12.00	52.1	51.2	44.8	46.6	-1.7
22.	12.00-13.00	50.6	52.1	52.1	48.4	3.7
23.	13.00-14.00	50.9	53.2	53.2	48.6	4.6
24.	14.00-15.00	52.7	51.1	47.6	47.5	0.1
Standard ⁽¹⁾⁽²⁾						<10

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

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

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

Wannasiri S.
Wannasiri Suriyawong



Somchai P.
Somchai Piyavorasakul
General Manager

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E-mail : admin@tet1995.com

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

TEST REPORT

Customer Name : บริษัท ตะวันแดง 1999 จำกัด

Report No. : 3581/2022/33-34

Project : โครงการโรงงานผลิตแอลกอฮอล์และสุรา (ส่วนขยาย ครั้งที่ 1)
(ระยะดำเนินการ)

Report Date : December 19, 2022

Sampling Date : December 6-13, 2022

Address : เลขที่ 88 หมู่ที่ 15 บ้านเขาน้อย ตำบลหนองแขง
อำเภอหันคา จังหวัดชัยนาท

Type of Sample : เสียงรบกวน

Job No. : S650153/Dec

(33/1-3)

Item	Time	Result (dB(A))				
		ชุมชนบ้านเขาน้อย บริเวณทิศใต้ของโครงการ				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		10-11/12/22	11-12/12/22	-	11-12/12/22	-
1.	15.00-16.00	52.6	51.7	45.4	49.6	-4.2
2.	16.00-17.00	53.0	51.8	46.9	49.4	-2.5
3.	17.00-18.00	55.2	51.7	52.6	49.4	3.3
4.	18.00-19.00	55.4	51.1	53.3	49.0	4.4
5.	19.00-20.00	54.8	50.5	52.7	47.7	5.0
6.	20.00-21.00	54.5	50.4	52.4	48.0	4.4
7.	21.00-22.00	54.6	50.9	52.2	48.6	3.6
8.	22.00-22.05	53.7	50.2	54.1	48.0	6.1
	22.05-22.10	53.6	51.2	52.9	48.5	4.4
	22.10-22.15	53.8	50.3	54.2	48.4	5.8
	22.15-22.20	54.1	50.3	54.8	48.4	6.4
	22.20-22.25	53.5	50.4	53.6	48.1	5.5
	22.25-22.30	54.2	49.7	55.3	48.0	7.3
	22.30-22.35	53.3	50.0	53.6	48.4	5.2
	22.35-22.40	53.9	49.9	54.7	48.0	6.7
	22.40-22.45	53.1	50.8	52.2	48.5	3.7
	22.45-22.50	54.7	50.9	55.4	49.6	5.8
	22.50-22.55	53.9	51.1	53.7	49.6	4.1
	22.55-23.00	53.5	51.0	52.9	49.1	3.8
9.	23.00-23.05	54.0	50.8	54.2	48.6	5.6
	23.05-23.10	54.9	53.9	51.0	49.0	2.0
	23.10-23.15	53.9	54.5	54.5	48.4	6.1
	23.15-23.20	53.9	49.6	54.9	47.4	7.5
	23.20-23.25	54.7	49.0	56.3	47.4	8.9
	23.25-23.30	53.8	48.8	55.1	47.3	7.8
	23.30-23.35	53.7	50.0	54.3	48.9	5.4
	23.35-23.40	53.9	48.7	55.3	47.3	8.0
	23.40-23.45	53.7	50.1	54.2	47.3	6.9
	23.45-23.50	54.1	50.6	54.5	47.2	7.3
	23.50-23.55	53.8	49.6	54.7	46.7	8.0
	23.55-00.00	53.6	50.7	53.5	48.1	5.4
Standard ⁽¹⁾⁽²⁾						<10

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TEST REPORT

(33/2-3)

Item	Time	Result (dB(A))				
		ชุมชนบ้านเขาน้อย บริเวณทิศใต้ของโครงการ				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		10-11/12/22	11-12/12/22	-	11-12/12/22	-
9.	00.00-00.05	53.9	48.4	55.5	47.1	8.4
	00.05-00.10	55.8	48.0	58.0	47.2	10.8
	00.10-00.15	54.6	48.7	56.3	47.0	9.3
	00.15-00.20	53.7	53.8	53.8	47.2	6.6
	00.20-00.25	54.5	50.3	55.4	47.6	7.8
	00.25-00.30	54.1	48.2	55.8	47.0	8.8
	00.30-00.35	54.0	48.7	55.5	47.4	8.1
	00.35-00.40	55.8	48.9	57.8	46.9	10.9
	00.40-00.45	54.6	48.6	56.3	47.6	8.7
	00.45-00.50	54.1	47.9	55.9	46.6	9.3
11.	00.50-00.55	55.7	50.4	57.2	46.8	10.4
	00.55-01.00	53.8	47.9	55.5	46.9	8.6
	01.00-01.05	54.5	49.2	56.0	47.6	8.4
	01.05-01.10	53.7	49.8	54.4	47.1	7.3
	01.10-01.15	53.5	48.7	54.8	46.8	8.0
	01.15-01.20	53.7	51.0	53.4	47.3	6.1
	01.20-01.25	54.6	51.1	55.0	48.2	6.8
	01.25-01.30	54.4	49.1	55.9	47.5	8.4
	01.30-01.35	53.4	50.6	53.2	47.2	6.0
	01.35-01.40	55.2	49.5	56.8	47.0	9.8
12.	01.40-01.45	54.5	47.1	56.6	46.3	10.3
	01.45-01.50	56.0	47.1	58.4	46.1	12.3
	01.50-01.55	53.8	48.0	55.5	45.9	9.6
	01.55-02.00	54.1	49.4	55.3	47.1	8.2
	02.00-02.05	54.3	48.2	56.1	47.1	9.0
	02.05-02.10	54.3	48.4	56.0	47.2	8.8
	02.10-02.15	53.4	49.1	54.4	47.1	7.3
	02.15-02.20	54.0	48.3	55.6	47.3	8.3
	02.20-02.25	53.1	47.9	54.5	47.0	7.5
	02.25-02.30	53.7	48.6	55.1	47.4	7.7
13.	02.30-02.35	53.7	49.2	54.8	47.5	7.3
	02.35-02.40	54.8	50.0	56.1	48.0	8.1
	02.40-02.45	53.8	50.2	54.3	47.4	6.9
	02.45-02.50	53.1	48.7	54.1	47.3	6.8
	02.50-02.55	53.5	57.7	57.7	51.6	6.1
	02.55-03.00	55.5	56.0	56.0	53.4	2.6
	03.00-03.05	54.6	56.6	56.6	53.1	3.5
	03.05-03.10	54.7	57.5	57.5	53.3	4.2
	03.10-03.15	53.9	55.1	55.1	52.4	2.7
	03.15-03.20	54.3	53.0	51.4	50.1	1.3
	03.20-03.25	53.8	54.3	54.3	48.8	5.5
	03.25-03.30	56.0	51.7	57.0	48.5	8.5
	03.30-03.35	53.1	52.2	48.8	47.8	1.0
	03.35-03.40	54.3	53.2	50.8	49.0	1.8
	03.40-03.45	53.5	51.9	51.4	49.8	1.6
	03.45-03.50	53.7	54.5	54.5	49.8	4.7
	03.50-03.55	54.2	52.2	52.9	49.2	3.7
	03.55-04.00	54.4	51.1	54.7	47.9	6.8
Standard ⁽¹⁾⁽²⁾						<10

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TEST REPORT

(33/3-3)

Item	Time	Result (dB(A))				
		ชุมชนบ้านเขาน้อย บริเวณทิศใต้ของโครงการ				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		10-11/12/22	11-12/12/22	-	11-12/12/22	-
14.	04.00-04.05	53.3	51.0	52.4	47.7	4.7
	04.05-04.10	53.2	52.6	47.3	50.0	-2.7
	04.10-04.15	53.7	51.6	52.5	49.3	3.2
	04.15-04.20	53.6	52.2	51.0	49.6	1.4
	04.20-04.25	53.5	53.0	46.9	50.5	-3.6
	04.25-04.30	54.2	51.7	53.6	46.6	7.0
	04.30-04.35	54.5	49.0	56.1	44.6	11.5
	04.35-04.40	53.8	50.9	53.7	46.3	7.4
	04.40-04.45	53.7	52.6	50.2	48.9	1.3
	04.45-04.50	54.7	52.7	53.4	48.8	4.6
15.	04.50-04.55	54.2	53.8	46.6	49.0	-2.4
	04.55-05.00	53.8	51.8	52.5	47.0	5.5
	05.00-05.05	54.0	49.0	55.3	45.6	9.7
	05.05-05.10	53.8	50.0	54.5	48.0	6.5
	05.10-05.15	53.6	49.8	54.3	45.7	8.6
	05.15-05.20	54.0	52.3	52.1	50.3	1.8
	05.20-05.25	55.8	53.5	54.9	50.5	4.4
	05.25-05.30	54.7	50.4	55.7	47.9	7.8
	05.30-05.35	54.1	51.8	53.2	46.9	6.3
	05.35-05.40	52.9	50.5	52.2	45.8	6.4
16.	05.40-05.45	54.7	51.0	55.3	47.0	8.3
	05.45-05.50	53.9	52.2	52.0	48.1	3.9
	05.50-05.55	53.5	49.9	54.0	46.4	7.6
	05.55-06.00	52.7	54.5	54.5	48.4	6.1
	06.00-07.00	53.3	52.1	47.1	48.4	-1.3
	07.00-08.00	55.4	52.8	51.9	48.6	3.3
	08.00-09.00	53.1	51.5	48.0	47.0	1.0
	09.00-10.00	52.8	51.9	45.7	48.0	-2.3
	10.00-11.00	53.6	53.0	44.5	48.6	-4.1
	11.00-12.00	53.0	51.2	48.3	46.6	1.7
22.	12.00-13.00	52.1	52.1	31.9	48.4	-16.4
23.	13.00-14.00	52.2	53.2	53.2	48.6	4.6
24.	14.00-15.00	51.8	51.1	43.0	47.5	-4.5
Standard ⁽¹⁾⁽²⁾						<10

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

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

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

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager

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TEST REPORT

Customer Name : บริษัท ตะวันแดง 1999 จำกัด
Project : โครงการโรงงานผลิตแอลกอฮอล์และสุรา (ส่วนขยาย ครั้งที่ 1)
(ระยะดำเนินการ)
Address : เลขที่ 88 หมู่ที่ 15 บ้านเขาน้อย ตำบลหนองแขง
อำเภอหันคา จังหวัดชัยนาท
Job No. : S650153/Dec

Report No. : 3581/2022/34-34
Report Date : December 19, 2022
Sampling Date : December 6-13, 2022
Type of Sample : เสียงรบกวน

(34/1-3)

Item	Time	Result (dB(A))				
		ชุมชนบ้านเขาน้อย บริเวณทิศใต้ของโครงการ				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		12-13/12/22	11-12/12/22	-	11-12/12/22	-
1.	15.00-16.00	54.2	51.7	50.7	49.6	1.1
2.	16.00-17.00	58.3	51.8	57.2	49.4	7.8
3.	17.00-18.00	53.0	51.7	46.8	49.4	-2.5
4.	18.00-19.00	50.5	51.1	51.1	49.0	2.1
5.	19.00-20.00	51.7	50.5	45.7	47.7	-2.0
6.	20.00-21.00	51.8	50.4	46.1	48.0	-1.9
7.	21.00-22.00	52.9	50.9	48.5	48.6	-0.1
8.	22.00-22.05	56.9	50.2	58.9	48.0	10.9
	22.05-22.10	50.4	51.2	51.2	48.5	2.7
	22.10-22.15	51.4	50.3	47.9	48.4	-0.5
	22.15-22.20	51.6	50.3	48.7	48.4	0.3
	22.20-22.25	50.3	50.4	50.4	48.1	2.3
	22.25-22.30	51.9	49.7	50.9	48.0	2.9
	22.30-22.35	50.8	50.0	46.1	48.4	-2.3
	22.35-22.40	52.8	49.9	52.7	48.0	4.7
	22.40-22.45	50.7	50.8	50.8	48.5	2.3
	22.45-22.50	53.7	50.9	53.5	49.6	3.9
	22.50-22.55	50.4	51.1	51.1	49.6	1.5
	22.55-23.00	53.3	51.0	52.4	49.1	3.3
9.	23.00-23.05	52.3	50.8	50.0	48.6	1.4
	23.05-23.10	51.2	53.9	53.9	49.0	4.9
	23.10-23.15	50.7	54.5	54.5	48.4	6.1
	23.15-23.20	53.0	49.6	53.3	47.4	5.9
	23.20-23.25	49.2	49.0	38.7	47.4	-8.7
	23.25-23.30	51.8	48.8	51.8	47.3	4.5
	23.30-23.35	49.4	50.0	50.0	48.9	1.1
	23.35-23.40	48.5	48.7	48.7	47.3	1.4
	23.40-23.45	49.0	50.1	50.1	47.3	2.8
	23.45-23.50	51.5	50.6	47.2	47.2	0.0
	23.50-23.55	52.2	49.6	51.7	46.7	5.0
	23.55-00.00	51.4	50.7	46.1	48.1	-2.0
Standard ⁽¹⁾⁽²⁾						<10

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TEST REPORT

(34/2-3)

Item	Time	Result (dB(A))				
		ชุมชนบ้านเขาน้อย บริเวณทิศใต้ของโครงการ				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		12-13/12/22	11-12/12/22	-	11-12/12/22	-
9.	00.00-00.05	52.1	48.4	52.7	47.1	5.6
	00.05-00.10	49.2	48.0	46.0	47.2	-1.2
	00.10-00.15	52.5	48.7	53.2	47.0	6.2
	00.15-00.20	52.4	53.8	53.8	47.2	6.6
	00.20-00.25	53.0	50.3	52.7	47.6	5.1
	00.25-00.30	52.5	48.2	53.5	47.0	6.5
	00.30-00.35	51.5	48.7	51.3	47.4	3.9
	00.35-00.40	49.7	48.9	45.0	46.9	-1.9
	00.40-00.45	51.2	48.6	50.7	47.6	3.1
	00.45-00.50	52.4	47.9	53.5	46.6	6.9
11.	00.50-00.55	52.3	50.4	50.8	46.8	4.0
	00.55-01.00	51.2	47.9	51.5	46.9	4.6
	01.00-01.05	51.8	49.2	51.3	47.6	3.7
	01.05-01.10	53.5	49.8	54.1	47.1	7.0
	01.10-01.15	52.4	48.7	53.0	46.8	6.2
	01.15-01.20	51.3	51.0	42.5	47.3	-4.8
	01.20-01.25	49.9	51.1	51.1	48.2	2.9
	01.25-01.30	52.3	49.1	52.5	47.5	5.0
	01.30-01.35	52.3	50.6	50.4	47.2	3.2
	01.35-01.40	50.8	49.5	47.9	47.0	0.9
12.	01.40-01.45	50.2	47.1	50.3	46.3	4.0
	01.45-01.50	55.7	47.1	58.1	46.1	12.0
	01.50-01.55	53.7	48.0	55.3	45.9	9.4
	01.55-02.00	52.8	49.4	53.1	47.1	6.0
	02.00-02.05	51.3	48.2	51.4	47.1	4.3
	02.05-02.10	51.2	48.4	51.0	47.2	3.8
	02.10-02.15	51.1	49.1	49.8	47.1	2.7
	02.15-02.20	50.0	48.3	48.1	47.3	0.8
	02.20-02.25	50.1	47.9	49.1	47.0	2.1
	02.25-02.30	53.1	48.6	54.2	47.4	6.8
13.	02.30-02.35	51.3	49.2	50.1	47.5	2.6
	02.35-02.40	52.0	50.0	50.7	48.0	2.7
	02.40-02.45	50.6	50.2	43.0	47.4	-4.4
	02.45-02.50	47.0	48.7	48.7	47.3	1.4
	02.50-02.55	50.9	57.7	57.7	51.6	6.1
	02.55-03.00	50.1	56.0	56.0	53.4	2.6
	03.00-03.05	50.5	56.6	56.6	53.1	3.5
	03.05-03.10	54.9	57.5	57.5	53.3	4.2
	03.10-03.15	54.0	55.1	55.1	52.4	2.7
	03.15-03.20	47.5	53.0	53.0	50.1	2.9
	03.20-03.25	52.8	54.3	54.3	48.8	5.5
	03.25-03.30	53.6	51.7	52.1	48.5	3.6
	03.30-03.35	49.6	52.2	52.2	47.8	4.4
	03.35-03.40	53.0	53.2	53.2	49.0	4.2
	03.40-03.45	51.7	51.9	51.9	49.8	2.1
	03.45-03.50	49.4	54.5	54.5	49.8	4.7
	03.50-03.55	52.1	52.2	52.2	49.2	3.0
	03.55-04.00	50.6	51.1	51.1	47.9	3.2
Standard ⁽¹⁾⁽²⁾						<10

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TEST REPORT

(34/3-3)

Item	Time	Result (dB(A))				
		ชุมชนบ้านเขาน้อย บริเวณทิศใต้ของโครงการ				
		ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq)	ระดับเสียงขณะไม่มีการรบกวน (Leq)	ระดับเสียงขณะมีการรบกวน	ระดับเสียงพื้นฐาน (L ₉₀)	ค่าระดับการรบกวน
		12-13/12/22	11-12/12/22	-	11-12/12/22	-
14.	04.00-04.05	55.4	51.0	56.4	47.7	8.7
	04.05-04.10	54.8	52.6	53.8	50.0	3.8
	04.10-04.15	52.3	51.6	47.0	49.3	-2.3
	04.15-04.20	51.4	52.2	52.2	49.6	2.6
	04.20-04.25	53.6	53.0	47.7	50.5	-2.8
	04.25-04.30	54.0	51.7	53.1	46.6	6.5
	04.30-04.35	55.2	49.0	57.0	44.6	12.4
	04.35-04.40	51.3	50.9	43.7	46.3	-2.6
	04.40-04.45	55.1	52.6	54.5	48.9	5.6
	04.45-04.50	53.7	52.7	49.8	48.8	1.0
	04.50-04.55	55.6	53.8	53.9	49.0	4.9
	04.55-05.00	51.9	51.8	38.5	47.0	-8.5
15.	05.00-05.05	53.1	49.0	54.0	45.6	8.4
	05.05-05.10	53.8	50.0	54.5	48.0	6.5
	05.10-05.15	53.4	49.8	53.9	45.7	8.2
	05.15-05.20	54.1	52.3	52.4	50.3	2.1
	05.20-05.25	54.5	53.5	50.6	50.5	0.1
	05.25-05.30	52.5	50.4	51.3	47.9	3.4
	05.30-05.35	52.1	51.8	43.3	46.9	-3.6
	05.35-05.40	53.0	50.5	52.4	45.8	6.6
	05.40-05.45	53.3	51.0	52.4	47.0	5.4
	05.45-05.50	52.7	52.2	46.1	48.1	-2.0
	05.50-05.55	52.4	49.9	51.8	46.4	5.4
	05.55-06.00	56.7	54.5	55.7	48.4	7.3
16.	06.00-07.00	55.3	52.1	52.4	48.4	4.0
17.	07.00-08.00	54.1	52.8	48.4	48.6	-0.2
18.	08.00-09.00	56.3	51.5	54.5	47.0	7.5
19.	09.00-10.00	55.5	51.9	53.0	48.0	5.0
20.	10.00-11.00	56.0	53.0	53.0	48.6	4.4
21.	11.00-12.00	55.0	51.2	52.7	46.6	6.2
22.	12.00-13.00	54.8	52.1	51.6	48.4	3.2
23.	13.00-14.00	55.4	53.2	51.4	48.6	2.9
24.	14.00-15.00	54.7	51.1	52.2	47.5	4.7
Standard ⁽¹⁾⁽²⁾						<10

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

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

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

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager

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Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ตะวันแดง 1999 จำกัด

Report No. : 3581/2022/1-42

Project : โครงการโรงงานผลิตแอลกอฮอล์และสุรา (ส่วนขยาย ครั้งที่ 1)
 (ระยะดำเนินการ)

Report Date : December 19, 2022

Sampling Date : December 6-13, 2022

Address : เลขที่ 88 หมู่ที่ 15 บ้านเขาน้อย ตำบลหนองแขง
 อำเภอหันคา จังหวัดชัยนาท

Type of Sample : Sound Level

Job No. : S650153/Dec

(1/1-3)

ชุมชนบ้านเขาน้อย บริเวณที่ติดตั้งโครงการ														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		06-07/12/22					06-07/12/22					06-07/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
1.	15.00	51.3	55.4	46.6	37.	18.00	51.6	55.0	48.3	73.	21.00	54.0	58.7	52.1
2.	15.05	50.8	54.3	48.5	38.	18.05	53.9	57.4	50.6	74.	21.05	52.1	57.1	50.8
3.	15.10	53.8	60.0	50.5	39.	18.10	53.2	56.1	51.0	75.	21.10	53.7	56.9	51.2
4.	15.15	53.1	59.5	48.2	40.	18.15	53.7	57.3	51.5	76.	21.15	53.1	58.7	51.1
5.	15.20	56.5	65.7	49.2	41.	18.20	52.6	56.5	49.7	77.	21.20	53.8	57.4	52.1
6.	15.25	51.5	55.7	47.2	42.	18.25	51.2	54.5	49.1	78.	21.25	53.7	58.8	50.9
7.	15.30	51.0	54.5	47.9	43.	18.30	50.9	53.4	50.0	79.	21.30	52.2	57.0	50.6
8.	15.35	53.5	57.8	50.7	44.	18.35	52.6	56.3	50.2	80.	21.35	51.9	54.9	50.7
9.	15.40	53.2	63.2	47.1	45.	18.40	51.6	63.8	51.2	81.	21.40	57.8	62.6	53.3
10.	15.45	52.6	56.8	49.1	46.	18.45	53.5	56.4	51.6	82.	21.45	56.1	59.9	53.0
11.	15.50	50.3	57.7	48.2	47.	18.50	60.9	67.8	53.2	83.	21.50	53.8	57.5	50.9
12.	15.55	58.6	69.5	50.3	48.	18.55	52.4	55.4	49.9	84.	21.55	53.0	57.6	50.4
13.	16.00	53.5	63.0	50.5	49.	19.00	50.5	53.9	48.8	85.	22.00	52.0	57.8	50.2
14.	16.05	53.0	57.8	48.0	50.	19.05	52.4	57.4	50.9	86.	22.05	53.1	59.2	50.3
15.	16.10	53.1	57.1	48.7	51.	19.10	53.6	58.0	51.3	87.	22.10	54.0	58.9	52.0
16.	16.15	52.0	57.6	48.1	52.	19.15	52.4	54.7	49.9	88.	22.15	51.7	58.6	50.0
17.	16.20	51.2	57.0	48.0	53.	19.20	50.4	55.5	49.0	89.	22.20	52.3	56.2	50.6
18.	16.25	53.4	56.6	51.6	54.	19.25	52.6	55.7	50.6	90.	22.25	51.4	53.5	50.2
19.	16.30	51.2	54.1	48.6	55.	19.30	54.1	58.1	51.1	91.	22.30	52.8	56.8	51.4
20.	16.35	55.0	65.2	49.9	56.	19.35	54.9	60.4	51.5	92.	22.35	52.8	54.6	51.7
21.	16.40	49.6	52.9	47.4	57.	19.40	55.0	61.0	50.6	93.	22.40	51.6	54.0	50.5
22.	16.45	52.6	56.7	49.2	58.	19.45	53.3	56.1	51.4	94.	22.45	51.9	57.0	50.2
23.	16.50	51.5	54.6	49.0	59.	19.50	52.8	56.0	50.4	95.	22.50	51.7	55.3	50.5
24.	16.55	53.7	62.4	49.4	60.	19.55	52.3	54.7	50.5	96.	22.55	52.8	54.4	51.7
25.	17.00	53.3	61.1	48.9	61.	20.00	51.1	52.6	50.1	97.	23.00	53.0	55.2	52.0
26.	17.05	51.9	55.7	48.0	62.	20.05	54.3	58.2	52.0	98.	23.05	52.6	57.2	50.8
27.	17.10	51.8	56.1	49.3	63.	20.10	53.9	59.7	51.2	99.	23.10	52.7	57.5	50.9
28.	17.15	53.7	55.7	53.9	64.	20.15	51.2	54.8	49.5	100.	23.15	52.0	57.0	50.2
29.	17.20	55.3	60.8	51.9	65.	20.20	53.4	58.5	50.7	101.	23.20	53.4	55.3	51.8
30.	17.25	53.6	56.5	51.5	66.	20.25	53.1	64.2	50.7	102.	23.25	53.3	59.6	50.8
31.	17.30	54.8	57.6	52.6	67.	20.30	53.9	56.7	52.1	103.	23.30	53.0	55.4	51.7
32.	17.35	54.1	59.8	51.2	68.	20.35	54.9	64.3	52.7	104.	23.35	54.7	63.8	50.6
33.	17.40	55.4	72.0	52.8	69.	20.40	52.6	58.5	50.7	105.	23.40	52.8	57.0	50.5
34.	17.45	54.1	58.3	51.1	70.	20.45	52.3	55.6	50.4	106.	23.45	53.1	57.2	51.2
35.	17.50	52.8	58.1	50.0	71.	20.50	52.4	54.6	50.7	107.	23.50	51.2	53.5	49.6
36.	17.55	50.5	57.9	48.3	72.	20.55	53.5	55.7	51.9	108.	23.55	53.7	63.5	49.6



Thai Environmental Technic Limited
บริษัท เทคนิควิเสณสิ่งแวดล้อมไทย จำกัด

(1/2 3)

ชุมชนบ้านเขาน้อย บริเวณทิศใต้ของโครงการ														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		06-07/12/22					06-07/12/22					06-07/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
109.	00.00	51.9	55.8	50.1	145.	03.00	51.4	54.3	50.1	181.	06.00	51.1	51.1	48.5
110.	00.05	51.6	54.4	50.0	146.	03.05	49.9	53.4	48.9	182.	06.05	48.8	51.5	47.5
111.	00.10	51.2	54.3	50.0	147.	03.10	52.2	55.1	49.6	183.	06.10	48.4	56.4	47.6
112.	00.15	50.9	53.3	49.3	148.	03.15	51.9	57.3	49.4	184.	06.15	49.1	52.5	47.4
113.	00.20	52.8	60.1	49.3	149.	03.20	49.9	52.6	47.9	185.	06.20	54.2	64.9	47.6
114.	00.25	55.9	61.8	49.9	150.	03.25	50.2	52.5	49.0	186.	06.25	50.7	56.6	48.0
115.	00.30	51.8	55.5	49.9	151.	03.30	50.4	52.8	49.0	187.	06.30	48.6	52.2	47.4
116.	00.35	51.5	54.4	50.1	152.	03.35	51.4	54.6	49.4	188.	06.35	49.1	56.1	47.8
117.	00.40	50.9	53.9	49.5	153.	03.40	53.2	65.3	49.4	189.	06.40	49.3	58.0	47.3
118.	00.45	52.0	57.5	49.8	154.	03.45	53.9	66.2	49.1	190.	06.45	49.0	54.4	48.0
119.	00.50	50.7	54.5	49.2	155.	03.50	50.3	52.4	48.8	191.	06.50	48.3	53.2	47.0
120.	00.55	50.8	55.7	49.5	156.	03.55	51.3	54.6	49.3	192.	06.55	50.8	61.9	47.2
121.	01.00	52.0	56.8	50.3	157.	04.00	51.2	54.2	49.6	193.	07.00	48.3	59.9	47.3
122.	01.05	50.4	55.7	49.0	158.	04.05	50.6	54.7	48.4	194.	07.05	49.6	57.5	48.0
123.	01.10	51.5	58.0	49.1	159.	04.10	51.6	57.5	48.9	195.	07.10	50.2	60.0	47.5
124.	01.15	50.9	53.9	49.5	160.	04.15	50.7	54.4	48.8	196.	07.15	49.1	60.9	47.2
125.	01.20	51.0	54.3	49.5	161.	04.20	50.7	54.0	48.8	197.	07.20	51.4	62.7	47.7
126.	01.25	51.5	55.8	49.2	162.	04.25	50.8	54.1	48.5	198.	07.25	51.5	57.2	48.6
127.	01.30	51.5	55.4	49.5	163.	04.30	50.1	52.3	48.4	199.	07.30	49.5	53.2	47.9
128.	01.35	50.8	56.3	49.4	164.	04.35	50.4	53.0	48.8	200.	07.35	51.0	61.4	47.6
129.	01.40	50.9	54.7	49.3	165.	04.40	50.3	52.7	48.4	201.	07.40	49.9	55.3	47.4
130.	01.45	51.8	58.3	49.3	166.	04.45	51.2	57.0	48.9	202.	07.45	47.5	49.0	46.7
131.	01.50	50.5	52.6	49.3	167.	04.50	51.3	53.5	50.0	203.	07.50	47.5	50.2	46.5
132.	01.55	50.5	53.3	49.0	168.	04.55	51.5	55.6	50.0	204.	07.55	48.4	59.9	46.3
133.	02.00	50.6	53.1	49.0	169.	05.00	51.4	55.3	49.5	205.	08.00	49.8	57.6	47.5
134.	02.05	51.8	54.4	50.3	170.	05.05	51.2	56.1	49.0	206.	08.05	56.8	67.2	50.6
135.	02.10	52.4	58.4	50.7	171.	05.10	54.3	63.5	49.4	207.	08.10	56.2	69.8	50.2
136.	02.15	50.9	55.9	49.2	172.	05.15	54.9	63.5	48.8	208.	08.15	56.2	71.7	54.1
137.	02.20	52.4	56.1	50.0	173.	05.20	50.0	62.8	47.8	209.	08.20	59.3	66.2	57.8
138.	02.25	52.1	55.7	49.8	174.	05.25	49.4	52.2	47.8	210.	08.25	58.2	65.1	56.9
139.	02.30	55.6	62.4	52.0	175.	05.30	49.2	51.3	47.7	211.	08.30	57.1	61.0	56.0
140.	02.35	58.5	67.9	52.7	176.	05.35	50.4	52.2	49.3	212.	08.35	60.8	74.7	56.1
141.	02.40	51.3	54.7	49.2	177.	05.40	49.1	51.5	47.7	213.	08.40	57.3	61.4	56.1
142.	02.45	51.7	55.4	49.2	178.	05.45	50.5	61.9	47.7	214.	08.45	56.9	60.4	55.7
143.	02.50	50.6	56.0	49.1	179.	05.50	51.0	62.5	47.6	215.	08.50	61.2	75.3	55.1
144.	02.55	53.9	58.4	51.1	180.	05.55	50.0	61.5	47.1	216.	08.55	55.9	59.0	54.3



Thai Environmental Technic Limited
บริษัท เทคนิกลิ่งแวดล้อมไทย จำกัด

(1/3-3)

ชุมชนบ้านเขาน้อย บริเวณทิศใต้ของโครงการ														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		06-07/12/22					06-07/12/22					06-07/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
217.	09.00	55.7	60.1	53.9	241.	11.00	59.1	68.0	51.0	265.	13.00	52.2	64.2	48.0
218.	09.05	55.8	60.0	54.3	242.	11.05	50.6	53.9	48.5	266.	13.05	53.3	66.5	48.6
219.	09.10	55.0	58.9	53.4	243.	11.10	51.5	65.8	45.5	267.	13.10	53.7	64.9	48.1
220.	09.15	54.8	62.7	52.0	244.	11.15	49.2	55.0	46.2	268.	13.15	51.5	62.1	48.7
221.	09.20	59.2	74.8	52.6	245.	11.20	49.9	62.7	47.8	269.	13.20	51.4	60.1	48.7
222.	09.25	53.5	60.3	52.2	246.	11.25	53.6	65.8	47.7	270.	13.25	53.3	63.5	49.1
223.	09.30	57.4	71.2	53.0	247.	11.30	51.1	59.6	48.6	271.	13.30	60.7	75.8	49.7
224.	09.35	56.4	76.4	52.1	248.	11.35	51.3	63.0	46.4	272.	13.35	58.8	78.4	50.5
225.	09.40	56.1	67.0	53.0	249.	11.40	52.5	67.7	47.3	273.	13.40	59.5	73.0	50.0
226.	09.45	57.9	65.4	53.8	250.	11.45	61.7	75.8	49.3	274.	13.45	52.7	66.0	49.1
227.	09.50	53.5	63.5	52.3	251.	11.50	51.3	62.6	46.9	275.	13.50	60.8	81.5	49.8
228.	09.55	55.9	65.3	53.5	252.	11.55	54.1	63.3	47.7	276.	13.55	53.3	64.2	49.1
229.	10.00	55.3	61.5	53.5	253.	12.00	54.8	64.0	49.0	277.	14.00	55.1	67.2	49.7
230.	10.05	55.2	61.1	53.2	254.	12.05	53.8	64.3	48.3	278.	14.05	55.0	78.1	49.6
231.	10.10	58.5	72.7	49.7	255.	12.10	56.6	69.4	49.4	279.	14.10	57.6	71.6	52.7
232.	10.15	54.1	64.1	50.1	256.	12.15	59.7	68.7	51.5	280.	14.15	56.8	68.0	51.4
233.	10.20	51.3	62.3	49.0	257.	12.20	53.8	66.5	48.8	281.	14.20	53.7	67.3	48.8
234.	10.25	52.8	60.4	50.0	258.	12.25	56.3	70.8	48.4	282.	14.25	52.6	68.6	49.0
235.	10.30	62.4	72.7	51.2	259.	12.30	52.6	72.1	48.6	283.	14.30	57.5	70.1	49.6
236.	10.35	51.7	58.7	48.7	260.	12.35	53.6	65.4	48.4	284.	14.35	53.7	61.5	51.0
237.	10.40	55.0	68.9	48.9	261.	12.40	53.0	65.9	47.8	285.	14.40	53.1	58.4	51.1
238.	10.45	52.6	61.1	50.1	262.	12.45	50.8	58.6	48.7	286.	14.45	58.3	67.8	54.1
239.	10.50	56.2	69.1	48.1	263.	12.50	51.8	67.8	49.1	287.	14.50	58.6	67.0	54.3
240.	10.55	59.0	82.8	49.4	264.	12.55	59.0	74.8	49.2	288.	14.55	59.7	74.1	54.5

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager



Thai Environmental Technic Limited

บริษัท เทคนิกลิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ตะวันแดง 1999 จำกัด

Report No. : 3581/2022/2-42

Project : โครงการโรงงานผลิตแอลกอฮอล์และสุรา (ส่วนขยาย ครั้งที่ 1)
(ระยะดำเนินการ)

Report Date : December 19, 2022

Sampling Date : December 6-13, 2022

Address : เลขที่ 88 หมู่ที่ 15 บ้านเขาน้อย ตำบลหนองแขง
อำเภอหันคา จังหวัดชัยนาท

Type of Sample : Sound Level

Job No. : S650153/Dec

(2/-3)

ชุมชนบ้านเขาน้อย บริเวณทิศใต้ของโครงการ														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		07-08/12/22					07-08/12/22					07-08/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
1.	15.00	55.6	67.1	53.5	37.	18.03	61.0	76.8	50.7	73.	21.00	56.5	64.1	53.1
2.	15.05	61.1	75.5	53.5	38.	18.05	55.8	63.6	52.5	74.	21.05	54.5	64.3	49.9
3.	15.10	56.4	61.7	53.6	39.	18.10	57.7	63.5	53.5	75.	21.10	55.3	64.9	51.3
4.	15.15	60.1	72.9	55.3	40.	18.15	56.4	64.2	52.5	76.	21.15	56.3	64.1	53.1
5.	15.20	60.1	73.9	52.9	41.	18.20	55.4	66.4	51.6	77.	21.20	56.3	61.7	53.1
6.	15.25	54.8	61.7	50.7	42.	18.25	50.7	62.0	51.1	78.	21.25	55.3	69.8	50.7
7.	15.30	56.5	65.3	52.1	43.	18.30	55.0	64.5	51.7	79.	21.30	55.6	68.5	49.0
8.	15.35	55.7	67.1	48.9	44.	18.35	52.3	58.1	49.5	80.	21.35	52.3	62.3	49.7
9.	15.40	58.6	69.3	52.3	45.	18.40	55.7	64.8	51.5	81.	21.40	53.9	69.2	49.5
10.	15.45	58.7	66.9	54.3	46.	18.45	56.0	60.5	53.1	82.	21.45	51.2	63.3	48.0
11.	15.50	58.5	69.4	51.7	47.	18.50	57.5	71.6	51.4	83.	21.50	51.7	61.7	48.8
12.	15.55	54.2	60.9	51.4	48.	18.55	54.7	64.3	50.9	84.	21.55	56.9	63.1	49.2
13.	16.00	54.2	60.8	51.3	49.	19.00	59.8	70.5	53.5	85.	22.00	51.1	57.7	48.3
14.	16.05	55.3	73.3	52.0	50.	19.05	52.0	57.4	49.7	86.	22.05	53.1	65.4	48.3
15.	16.10	53.8	64.2	50.5	51.	19.10	54.5	62.9	51.1	87.	22.10	55.6	67.2	48.7
16.	16.15	54.9	65.8	51.0	52.	19.15	52.6	61.9	50.5	88.	22.15	53.1	63.4	47.8
17.	16.20	56.0	65.8	49.3	53.	19.20	55.1	67.9	51.4	89.	22.20	55.6	68.6	48.3
18.	16.25	54.4	64.7	49.6	54.	19.25	56.9	63.2	53.2	90.	22.25	50.1	59.2	47.4
19.	16.30	51.5	59.4	49.2	55.	19.30	56.6	68.4	52.4	91.	22.30	53.5	66.2	48.4
20.	16.35	53.1	65.4	48.1	56.	19.35	56.5	66.7	52.9	92.	22.35	55.1	66.7	50.6
21.	16.40	49.9	53.5	47.3	57.	19.40	59.0	67.4	51.2	93.	22.40	53.9	64.7	49.0
22.	16.45	55.1	70.1	47.8	58.	19.45	54.0	72.3	49.2	94.	22.45	52.3	61.2	48.1
23.	16.50	56.0	69.5	48.3	59.	19.50	57.3	69.8	51.4	95.	22.50	54.8	64.2	49.7
24.	16.55	52.6	64.5	48.0	60.	19.55	53.2	63.5	49.7	96.	22.55	54.6	65.8	49.4
25.	17.00	58.9	68.2	54.5	61.	20.00	54.0	65.7	50.4	97.	23.00	57.4	70.2	49.9
26.	17.05	58.1	67.8	52.9	62.	20.05	55.3	69.0	48.5	98.	23.05	57.4	73.3	49.7
27.	17.10	51.4	58.3	49.3	63.	20.10	54.7	66.2	50.5	99.	23.10	49.0	52.7	47.6
28.	17.15	51.6	56.0	49.6	64.	20.15	52.2	62.1	48.4	100.	23.15	50.9	63.7	47.6
29.	17.20	59.8	75.8	50.7	65.	20.20	53.6	64.3	50.3	101.	23.20	50.8	66.1	46.4
30.	17.25	59.8	69.3	53.7	66.	20.25	56.2	66.5	52.7	102.	23.25	54.1	66.2	48.5
31.	17.30	56.7	63.5	54.2	67.	20.30	54.8	63.9	52.0	103.	23.30	50.2	54.4	48.7
32.	17.35	58.8	69.1	51.0	68.	20.35	56.1	68.4	49.8	104.	23.35	50.4	53.7	48.7
33.	17.40	56.5	66.8	52.8	69.	20.40	53.2	62.1	49.0	105.	23.40	50.6	52.9	48.4
34.	17.45	53.9	65.6	51.5	70.	20.45	56.5	70.3	50.8	106.	23.45	51.0	51.3	49.4
35.	17.50	55.6	66.5	49.9	71.	20.50	54.3	60.2	51.2	107.	23.50	52.4	63.8	49.6
36.	17.55	52.7	58.2	50.6	72.	20.55	55.7	64.9	52.3	108.	23.55	54.1	66.5	51.1



Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(2/2-3)

ชุมชนบ้านเขาน้อย บริเวณทิศใต้ของโครงการ														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		07-08/12/22					07-08/12/22					07-08/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
109.	00.00	53.0	58.2	50.8	145.	03.00	50.2	55.0	48.6	181.	06.00	51.3	56.0	49.7
110.	00.05	54.1	58.1	52.3	146.	03.05	53.5	58.0	48.5	182.	06.05	51.6	57.8	50.0
111.	00.10	54.7	58.9	53.1	147.	03.10	50.7	56.6	49.2	183.	06.10	53.8	67.9	48.1
112.	00.15	54.7	58.8	52.6	148.	03.15	54.8	50.4	50.7	184.	06.15	49.9	55.2	47.9
113.	00.20	54.4	58.2	52.6	149.	03.20	55.6	57.3	51.4	185.	06.20	49.3	53.5	47.9
114.	00.25	53.9	57.1	52.4	150.	03.25	54.0	62.2	51.2	186.	06.25	59.6	69.5	52.3
115.	00.30	52.6	58.0	50.9	151.	03.30	53.4	54.0	49.4	187.	06.30	54.0	59.5	51.7
116.	00.35	51.0	59.3	51.9	152.	03.35	51.6	53.7	50.6	188.	06.35	53.5	56.7	51.3
117.	00.40	54.8	64.9	51.5	153.	03.40	51.3	55.0	49.6	189.	06.40	52.7	53.8	49.9
118.	00.45	52.5	57.7	51.3	154.	03.45	56.7	71.1	50.8	190.	06.45	52.9	56.0	50.3
119.	00.50	51.5	58.2	52.1	155.	03.50	53.2	55.4	51.5	191.	06.50	52.7	55.8	50.1
120.	00.55	54.2	58.2	51.8	156.	03.55	51.0	53.0	49.8	192.	06.55	51.5	53.9	48.8
121.	01.00	53.7	57.9	51.4	157.	04.00	52.4	55.8	50.3	193.	07.00	53.0	58.3	48.6
122.	01.05	54.2	57.6	51.6	158.	04.05	52.5	55.3	50.8	194.	07.05	53.7	58.6	51.2
123.	01.10	54.1	57.3	51.5	159.	04.10	51.5	54.7	49.5	195.	07.10	51.9	56.4	49.8
124.	01.15	53.8	59.1	51.4	160.	04.15	52.6	56.6	50.8	196.	07.15	51.7	53.6	48.4
125.	01.20	54.5	57.7	52.1	161.	04.20	54.5	60.2	52.2	197.	07.20	50.7	55.6	48.3
126.	01.25	53.4	57.1	50.6	162.	04.25	53.0	57.6	50.0	198.	07.25	51.8	64.2	48.8
127.	01.30	53.7	57.3	51.4	163.	04.30	53.2	57.0	51.5	199.	07.30	50.5	55.7	48.1
128.	01.35	53.6	57.1	51.2	164.	04.35	52.6	54.6	51.4	200.	07.35	51.3	55.5	49.1
129.	01.40	51.3	55.9	50.0	165.	04.40	51.5	54.8	50.1	201.	07.40	50.5	54.3	48.3
130.	01.45	53.5	58.6	50.9	166.	04.45	50.6	54.5	49.7	202.	07.45	49.5	51.5	47.6
131.	01.50	56.4	71.4	50.6	167.	04.50	52.3	55.7	48.7	203.	07.50	50.2	55.4	47.6
132.	01.55	53.1	57.2	50.5	168.	04.55	52.2	55.6	50.2	204.	07.55	50.6	55.2	48.0
133.	02.00	51.7	55.4	49.6	169.	05.00	51.5	54.0	49.9	205.	08.00	50.4	57.3	49.1
134.	02.05	55.6	69.7	49.8	170.	05.05	53.0	55.9	50.9	206.	08.05	50.4	57.0	49.0
135.	02.10	51.8	55.9	49.8	171.	05.10	55.4	69.7	49.6	207.	08.10	50.9	54.5	49.0
136.	02.15	51.8	55.8	50.1	172.	05.15	56.8	61.1	49.2	208.	08.15	52.9	67.2	47.6
137.	02.20	51.1	55.4	49.7	173.	05.20	53.5	60.2	49.1	209.	08.20	51.1	62.8	47.0
138.	02.25	51.6	57.7	50.1	174.	05.25	50.6	59.8	49.4	210.	08.25	57.9	69.6	47.6
139.	02.30	51.9	56.2	49.6	175.	05.30	53.1	56.4	50.7	211.	08.30	50.6	58.5	47.4
140.	02.35	51.0	54.8	49.2	176.	05.35	54.0	57.8	51.0	212.	08.35	50.4	56.4	47.2
141.	02.40	51.2	54.1	49.4	177.	05.40	53.6	60.7	50.2	213.	08.40	49.5	54.7	47.3
142.	02.45	51.9	56.6	49.6	178.	05.45	56.0	60.8	53.3	214.	08.45	49.6	52.7	46.9
143.	02.50	52.3	58.1	50.0	179.	05.50	54.0	57.3	51.8	215.	08.50	48.7	53.9	46.7
144.	02.55	51.3	54.5	49.7	180.	05.55	52.2	62.7	49.1	216.	08.55	50.0	58.7	47.7



Thai Environmental Technic Limited
บริษัท เทคนิกลิ่งแวดล้อมไทย จำกัด

(2/3-3)

ชุมชนบ้านเขาน้อย บริเวณทิศใต้ของโครงการ														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		07-08/12/22					07-08/12/22					07-08/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
217.	09.00	49.3	55.0	47.1	241.	11.00	56.0	71.2	50.9	265.	13.00	52.2	58.4	49.9
218.	09.05	50.3	59.6	47.3	242.	11.05	59.9	71.0	51.8	266.	13.05	51.8	55.9	49.2
219.	09.10	50.4	55.6	47.9	243.	11.10	58.8	69.0	51.0	267.	13.10	51.0	55.3	48.4
220.	09.15	50.7	54.0	48.0	244.	11.15	56.7	70.7	52.1	268.	13.15	51.9	56.1	49.8
221.	09.20	51.0	53.7	48.7	245.	11.20	54.6	68.2	48.3	269.	13.20	51.4	55.3	48.5
222.	09.25	51.0	53.7	48.7	246.	11.25	51.4	55.4	48.3	270.	13.25	51.6	57.8	49.2
223.	09.30	51.3	56.5	49.1	247.	11.30	49.7	55.9	47.9	271.	13.30	55.9	62.2	49.8
224.	09.35	51.1	53.1	48.5	248.	11.35	51.7	56.6	49.6	272.	13.35	56.9	60.5	54.6
225.	09.40	51.0	53.7	47.7	249.	11.40	56.1	87.2	50.5	273.	13.40	58.7	65.0	55.9
226.	09.45	54.8	69.6	48.7	250.	11.45	60.3	79.9	51.2	274.	13.45	52.1	58.4	49.8
227.	09.50	51.4	60.3	47.8	251.	11.50	61.1	70.4	51.0	275.	13.50	51.3	55.4	49.0
228.	09.55	52.3	56.6	49.5	252.	11.55	59.2	68.9	49.4	276.	13.55	51.8	55.6	49.5
229.	10.00	51.2	53.0	48.6	253.	12.00	61.3	73.2	50.9	277.	14.00	51.7	60.2	49.5
230.	10.05	50.4	53.3	47.2	254.	12.05	61.5	72.0	50.9	278.	14.05	51.2	56.6	48.9
231.	10.10	52.1	54.5	49.9	255.	12.10	60.0	73.6	48.8	279.	14.10	50.9	55.6	48.4
232.	10.15	52.6	55.4	50.4	256.	12.15	51.5	53.9	50.0	280.	14.15	51.0	55.2	48.6
233.	10.20	51.5	55.0	48.9	257.	12.20	51.5	53.9	49.5	281.	14.20	50.4	56.2	47.8
234.	10.25	56.8	61.0	51.8	258.	12.25	51.5	54.6	49.0	282.	14.25	48.3	52.1	47.5
235.	10.30	51.7	55.4	49.2	259.	12.30	52.0	64.0	49.5	283.	14.30	49.4	54.8	48.1
236.	10.35	52.0	54.9	49.4	260.	12.35	54.4	70.2	49.9	284.	14.35	50.8	59.4	48.7
237.	10.40	53.5	56.7	51.6	261.	12.40	51.7	54.9	49.3	285.	14.40	51.0	52.9	48.9
238.	10.45	52.7	56.0	50.2	262.	12.45	58.9	68.5	50.6	286.	14.45	50.7	53.2	48.5
239.	10.50	52.6	55.4	49.6	263.	12.50	54.0	61.4	51.0	287.	14.50	51.8	59.9	49.8
240.	10.55	52.9	56.0	49.9	264.	12.55	52.6	55.7	50.8	288.	14.55	51.2	53.3	48.7

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager

**TET**

Thai Environmental Technic Limited

บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ตะวันแดง 1999 จำกัด

Report No. : 3581/2022/3-42

Project : โครงการโรงงานผลิตแอลกอฮอล์และสุรา (ส่วนขยาย ครั้งที่ 1)
(ระยะดำเนินการ)

Report Date : December 19, 2022

Sampling Date : December 6-13, 2022

Address : เลขที่ 88 หมู่ที่ 15 บ้านเขาน้อย ตำบลหนองแขง
อำเภอหันคา จังหวัดชัยนาท

Type of Sample : Sound Level

Job No. : S650153/Dec

(3/13)

ชุมชนบ้านเขาน้อย บริเวณทิศใต้ของโครงการ														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		08-09/12/22					08-09/12/22					08-09/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
1.	15.00	51.1	54.3	48.9	37.	18.00	49.6	53.0	48.1	73.	21.00	49.5	53.6	48.3
2.	15.05	51.9	53.6	50.0	38.	18.05	48.9	53.3	47.8	74.	21.05	50.9	54.6	49.1
3.	15.10	51.2	53.5	48.6	39.	18.10	48.3	54.0	47.2	75.	21.10	50.5	53.4	48.6
4.	15.15	50.9	60.3	48.7	40.	18.15	47.9	50.0	47.2	76.	21.15	49.8	53.5	48.3
5.	15.20	51.3	54.1	49.4	41.	18.20	49.6	55.5	47.6	77.	21.20	50.1	52.7	49.0
6.	15.25	59.4	62.6	51.6	42.	18.25	50.2	52.3	47.7	78.	21.25	51.3	57.4	49.4
7.	15.30	57.6	62.2	50.5	43.	18.30	58.9	63.3	50.0	79.	21.30	51.3	53.1	49.7
8.	15.35	51.0	55.2	48.4	44.	18.35	53.2	59.4	48.5	80.	21.35	50.5	54.4	48.5
9.	15.40	50.7	53.7	48.1	45.	18.40	50.3	55.8	48.1	81.	21.40	50.5	53.0	49.0
10.	15.45	50.7	53.5	48.1	46.	18.45	50.5	52.8	48.2	82.	21.45	49.4	53.2	48.4
11.	15.50	50.6	54.6	47.8	47.	18.50	49.5	52.9	47.5	83.	21.50	49.5	53.5	48.4
12.	15.55	50.7	55.5	48.3	48.	18.55	49.2	52.0	47.7	84.	21.55	49.0	51.9	47.7
13.	16.00	51.7	60.2	49.5	49.	19.00	49.6	52.3	47.8	85.	22.00	49.9	53.1	47.9
14.	16.05	50.9	53.6	48.8	50.	19.05	50.0	52.1	48.2	86.	22.05	53.5	63.4	49.0
15.	16.10	50.6	52.8	48.4	51.	19.10	50.7	54.8	48.4	87.	22.10	60.5	63.3	59.1
16.	16.15	50.8	54.0	48.5	52.	19.15	50.3	54.1	47.8	88.	22.15	58.8	62.9	56.0
17.	16.20	50.4	53.8	48.3	53.	19.20	51.0	55.0	48.8	89.	22.20	53.7	59.9	49.6
18.	16.25	51.0	54.6	48.8	54.	19.25	59.9	63.0	51.9	90.	22.25	50.6	58.1	48.3
19.	16.30	50.0	52.9	48.3	55.	19.30	52.1	56.2	49.2	91.	22.30	56.7	62.3	48.3
20.	16.35	49.9	52.1	48.3	56.	19.35	50.8	53.5	48.8	92.	22.35	53.4	60.7	47.9
21.	16.40	51.0	56.3	48.6	57.	19.40	50.6	53.1	48.5	93.	22.40	57.2	58.2	48.7
22.	16.45	51.0	52.6	49.0	58.	19.45	50.8	53.5	48.7	94.	22.45	51.1	54.6	48.5
23.	16.50	54.2	60.9	49.6	59.	19.50	59.2	63.0	50.6	95.	22.50	50.5	57.4	48.3
24.	16.55	58.6	62.9	52.8	60.	19.55	55.8	61.0	50.5	96.	22.55	50.4	59.0	48.3
25.	17.00	55.4	62.2	50.1	61.	20.00	50.9	54.3	48.7	97.	23.00	49.5	53.6	47.7
26.	17.05	51.0	54.5	48.4	62.	20.05	51.3	54.7	50.0	98.	23.05	51.0	54.8	49.2
27.	17.10	51.0	55.4	48.4	63.	20.10	50.9	53.4	48.6	99.	23.10	50.5	55.0	48.5
28.	17.15	50.6	54.1	48.1	64.	20.15	50.7	53.7	48.5	100.	23.15	50.2	52.7	48.0
29.	17.20	50.9	52.8	48.7	65.	20.20	50.6	53.7	48.4	101.	23.20	57.7	63.2	49.5
30.	17.25	50.9	54.3	48.8	66.	20.25	50.5	54.9	48.1	102.	23.25	56.8	62.6	50.1
31.	17.30	51.0	54.4	48.5	67.	20.30	60.0	64.1	50.7	103.	23.30	49.6	56.7	46.6
32.	17.35	51.1	55.7	48.9	68.	20.35	53.8	63.1	50.7	104.	23.35	50.1	53.2	48.1
33.	17.40	51.1	53.7	48.6	69.	20.40	51.4	54.0	50.0	105.	23.40	49.9	53.9	47.7
34.	17.45	50.4	56.2	47.7	70.	20.45	51.1	55.9	49.0	106.	23.45	50.6	54.9	48.3
35.	17.50	48.9	56.2	47.7	71.	20.50	51.0	55.5	49.0	107.	23.50	51.4	65.4	48.1
36.	17.55	49.9	53.0	48.9	72.	20.55	51.2	53.9	49.3	108.	23.55	61.6	71.4	48.6



Thai Environmental Technic Limited
บริษัท เทคนิกลีงแวดล้อมไทย จำกัด

(3/2-3)

ชุมชนบ้านเขาน้อย บริเวณทิศใต้ของโครงการ														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		08-09/12/22					08-09/12/22					08-09/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
109.	00.00	64.8	82.8	50.0	145.	03.00	60.0	63.4	57.5	181.	06.00	53.2	60.7	50.7
110.	00.05	61.0	87.8	48.7	146.	03.05	59.4	62.6	57.7	182.	06.05	52.9	55.6	50.2
111.	00.10	56.8	70.9	47.7	147.	03.10	59.5	61.5	58.1	183.	06.10	54.0	63.7	51.1
112.	00.15	49.5	52.3	47.6	148.	03.15	58.2	62.4	52.6	184.	06.15	59.5	64.5	51.7
113.	00.20	49.2	52.3	47.5	149.	03.20	57.2	61.5	50.9	185.	06.20	57.0	63.6	51.7
114.	00.25	49.7	63.7	47.2	150.	03.25	59.1	62.0	57.1	186.	06.25	55.7	64.7	51.0
115.	00.30	54.2	64.8	47.8	151.	03.30	59.6	62.2	57.6	187.	06.30	56.3	64.4	51.8
116.	00.35	50.3	62.5	47.9	152.	03.35	59.3	62.6	57.2	188.	06.35	60.4	64.1	54.5
117.	00.40	56.0	55.5	48.7	153.	03.40	58.1	62.1	54.9	189.	06.40	60.2	64.4	53.7
118.	00.45	50.1	56.6	48.4	154.	03.45	60.7	68.7	58.0	190.	06.45	61.7	65.1	58.8
119.	00.50	50.4	54.0	48.6	155.	03.50	60.0	62.4	56.6	191.	06.50	57.6	62.9	53.0
120.	00.55	50.5	54.9	48.8	156.	03.55	60.4	63.5	58.7	192.	06.55	61.6	64.3	58.9
121.	01.00	59.6	62.2	51.8	157.	04.00	59.0	63.9	50.3	193.	07.00	58.7	63.7	52.9
122.	01.05	57.0	61.6	51.7	158.	04.05	50.0	54.9	48.2	194.	07.05	53.8	57.1	51.3
123.	01.10	50.4	54.1	48.3	159.	04.10	54.3	63.0	48.0	195.	07.10	54.0	57.6	52.1
124.	01.15	50.4	56.6	48.4	160.	04.15	60.3	62.6	58.9	196.	07.15	59.2	63.4	52.5
125.	01.20	50.1	53.8	47.9	161.	04.20	60.0	62.2	58.4	197.	07.20	55.4	61.7	51.6
126.	01.25	50.9	53.8	49.0	162.	04.25	60.2	62.7	58.8	198.	07.25	53.2	58.5	50.3
127.	01.30	49.9	52.2	47.8	163.	04.30	60.1	62.6	58.9	199.	07.30	58.5	63.7	51.8
128.	01.35	49.8	52.3	47.9	164.	04.35	59.5	61.5	58.2	200.	07.35	60.7	69.6	55.3
129.	01.40	50.0	52.7	48.1	165.	04.40	60.2	63.3	58.7	201.	07.40	61.6	72.7	59.3
130.	01.45	49.4	53.7	47.5	166.	04.45	60.1	62.1	58.9	202.	07.45	61.4	63.3	59.9
131.	01.50	49.5	55.9	47.3	167.	04.50	60.6	62.6	59.4	203.	07.50	61.6	64.2	58.9
132.	01.55	56.8	61.4	49.1	168.	04.55	60.5	62.6	59.3	204.	07.55	61.9	64.3	60.6
133.	02.00	56.9	61.4	49.0	169.	05.00	59.8	63.2	57.7	205.	08.00	60.7	63.4	58.9
134.	02.05	50.7	54.5	49.1	170.	05.05	54.5	61.7	48.0	206.	08.05	61.4	71.9	58.9
135.	02.10	50.2	53.7	48.6	171.	05.10	50.1	53.7	47.9	207.	08.10	59.9	65.7	57.6
136.	02.15	50.3	58.5	48.5	172.	05.15	49.8	53.5	48.3	208.	08.15	60.7	63.5	58.7
137.	02.20	49.0	54.5	47.5	173.	05.20	50.3	54.7	48.2	209.	08.20	61.0	64.1	58.3
138.	02.25	49.6	53.2	48.0	174.	05.25	58.7	62.9	49.3	210.	08.25	62.0	64.4	60.5
139.	02.30	49.5	52.0	48.0	175.	05.30	51.6	59.9	49.0	211.	08.30	62.1	65.1	60.7
140.	02.35	49.4	52.6	47.9	176.	05.35	51.6	61.9	49.0	212.	08.35	62.6	64.5	61.3
141.	02.40	55.2	61.8	48.0	177.	05.40	59.3	63.0	51.3	213.	08.40	61.9	64.8	60.2
142.	02.45	59.2	62.6	56.9	178.	05.45	60.2	62.6	58.3	214.	08.45	58.8	63.8	52.0
143.	02.50	56.8	59.9	55.4	179.	05.50	59.7	63.6	57.8	215.	08.50	60.7	63.8	57.1
144.	02.55	58.1	62.1	55.3	180.	05.55	60.3	63.4	57.9	216.	08.55	60.9	63.9	58.6



Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(3/3-3)

ชุมชนบ้านเขาน้อย บริเวณทิศใต้ของโครงการ														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		08-09/12/22					08-09/12/22					08-09/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
217.	09.00	59.5	67.2	52.2	241.	11.00	62.8	66.7	58.9	265.	13.00	63.3	65.8	61.8
218.	09.05	56.1	62.6	50.5	242.	11.05	63.6	67.6	61.9	266.	13.05	63.4	65.4	62.2
219.	09.10	52.5	57.0	49.6	243.	11.10	62.3	65.1	59.3	267.	13.10	62.9	65.4	61.7
220.	09.15	60.3	63.9	54.1	244.	11.15	63.0	65.6	60.6	268.	13.15	59.6	64.2	54.5
221.	09.20	61.7	64.3	59.7	245.	11.20	63.1	66.5	60.2	269.	13.20	61.8	65.3	54.7
222.	09.25	61.6	65.5	58.9	246.	11.25	63.3	65.4	61.5	270.	13.25	63.1	65.0	61.9
223.	09.30	61.5	65.2	57.2	247.	11.30	63.5	65.8	61.9	271.	13.30	62.8	64.2	61.7
224.	09.35	62.2	64.6	60.3	248.	11.35	63.0	65.6	60.7	272.	13.35	60.4	64.1	57.0
225.	09.40	59.1	64.2	52.8	249.	11.40	63.4	65.4	61.8	273.	13.40	60.2	63.3	57.5
226.	09.45	60.5	65.3	55.8	250.	11.45	63.7	66.2	62.1	274.	13.45	62.5	64.2	61.4
227.	09.50	62.3	65.4	59.9	251.	11.50	63.5	66.7	61.9	275.	13.50	62.7	64.4	61.5
228.	09.55	61.8	65.2	58.5	252.	11.55	63.4	66.2	61.9	276.	13.55	62.3	64.9	60.2
229.	10.00	58.6	64.5	53.3	253.	12.00	63.3	65.7	61.8	277.	14.00	62.1	68.3	59.9
230.	10.05	62.8	65.4	60.6	254.	12.05	62.7	65.0	61.3	278.	14.05	63.3	65.3	61.5
231.	10.10	62.9	65.7	60.1	255.	12.10	62.6	65.3	60.8	279.	14.10	62.9	65.0	60.9
232.	10.15	63.8	66.9	61.8	256.	12.15	63.0	66.1	61.2	280.	14.15	62.9	65.6	61.5
233.	10.20	58.5	66.3	53.3	257.	12.20	62.7	65.5	61.2	281.	14.20	62.2	65.0	60.5
234.	10.25	61.1	68.0	53.6	258.	12.25	62.5	64.7	61.0	282.	14.25	63.2	65.7	61.7
235.	10.30	63.5	68.7	59.5	259.	12.30	62.3	65.6	60.5	283.	14.30	63.3	65.9	61.5
236.	10.35	58.6	68.1	52.5	260.	12.35	62.7	64.5	61.2	284.	14.35	63.1	66.1	61.6
237.	10.40	58.7	68.5	52.5	261.	12.40	63.0	65.6	61.4	285.	14.40	62.3	65.5	60.6
238.	10.45	62.6	70.0	52.4	262.	12.45	62.8	65.2	61.3	286.	14.45	62.5	65.8	60.8
239.	10.50	63.7	71.8	57.4	263.	12.50	63.8	66.4	62.3	287.	14.50	62.4	64.7	60.9
240.	10.55	63.0	66.7	57.6	264.	12.55	62.6	64.8	61.3	288.	14.55	62.1	64.9	60.0

Wannasiri S.
Wannasiri Suriyawong



Somchai P.
Somchai Piyavorasakul
General Manager

**TET**

Thai Environmental Technic Limited

บริษัท เทคนิกลิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ตะวันแดง 1999 จำกัด

Report No. : 3581/2022/4-42

Project : โครงการโรงงานผลิตแอลกอฮอล์และสุรา (ส่วนขยาย ครั้งที่ 1)
(ระยะดำเนินการ)

Report Date : December 19, 2022

Address : เลขที่ 88 หมู่ที่ 15 บ้านเขาน้อย ตำบลหนองแขง
อำเภอหันคา จังหวัดชัยนาท

Sampling Date : December 6-13, 2022

Type of Sample : Sound Level

Job No. : S650153/Dec

(4/1-3)

ชุมชนบ้านเขาน้อย บริเวณทิศใต้ของโครงการ														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		09-10/12/22					09-10/12/22					09-10/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
1.	15.00	62.1	64.2	60.7	37.	18.00	52.5	58.7	47.6	73.	21.00	53.1	52.8	47.8
2.	15.05	62.5	64.1	61.4	38.	18.05	51.1	54.9	48.9	74.	21.05	49.6	53.1	46.0
3.	15.10	62.7	64.7	61.5	39.	18.10	51.0	56.1	45.7	75.	21.10	51.2	58.4	47.5
4.	15.15	63.1	65.5	61.5	40.	18.15	49.2	55.0	44.6	76.	21.15	52.7	56.9	50.2
5.	15.20	60.4	64.9	57.1	41.	18.20	51.1	55.7	45.6	77.	21.20	50.8	56.3	45.3
6.	15.25	60.2	64.7	56.6	42.	18.25	53.3	59.6	49.9	78.	21.25	51.9	57.8	46.1
7.	15.30	59.8	64.2	56.9	43.	18.30	49.5	53.5	45.8	79.	21.30	51.8	55.8	48.0
8.	15.35	60.2	64.4	57.3	44.	18.35	49.6	54.0	43.8	80.	21.35	50.3	55.9	47.0
9.	15.40	60.0	64.7	57.2	45.	18.40	50.8	55.0	46.2	81.	21.40	52.5	61.3	47.2
10.	15.45	60.8	71.3	58.3	46.	18.45	49.9	59.2	43.4	82.	21.45	57.9	68.3	49.4
11.	15.50	60.4	65.3	58.0	47.	18.50	52.1	56.6	48.2	83.	21.50	50.0	56.9	47.8
12.	15.55	59.5	64.4	56.5	48.	18.55	51.6	62.6	50.1	84.	21.55	55.9	66.7	47.6
13.	16.00	60.2	68.8	57.3	49.	19.00	52.6	60.3	48.1	85.	22.00	50.9	55.7	47.5
14.	16.05	59.5	65.4	56.0	50.	19.05	51.8	57.1	47.6	86.	22.05	54.1	62.7	44.1
15.	16.10	60.1	66.5	57.6	51.	19.10	51.6	60.1	47.7	87.	22.10	54.6	64.9	47.4
16.	16.15	59.3	66.6	57.5	52.	19.15	52.8	60.2	46.9	88.	22.15	51.1	54.6	49.2
17.	16.20	58.5	62.5	55.8	53.	19.20	50.2	56.7	43.3	89.	22.20	50.4	55.3	48.0
18.	16.25	52.8	61.7	47.1	54.	19.25	52.6	59.7	46.4	90.	22.25	52.0	53.9	49.5
19.	16.30	51.2	56.1	46.8	55.	19.30	52.7	56.7	48.5	91.	22.30	56.7	67.3	47.1
20.	16.35	51.1	56.3	47.9	56.	19.35	49.6	55.3	43.8	92.	22.35	52.0	58.7	47.5
21.	16.40	53.9	63.0	45.6	57.	19.40	53.3	58.2	49.1	93.	22.40	49.6	55.7	45.1
22.	16.45	51.8	54.8	48.3	58.	19.45	51.6	54.5	48.4	94.	22.45	51.4	56.1	47.4
23.	16.50	50.9	57.3	47.1	59.	19.50	49.2	54.2	42.2	95.	22.50	50.1	55.0	45.6
24.	16.55	50.0	53.8	46.0	60.	19.55	53.1	59.5	49.9	96.	22.55	49.0	55.2	45.9
25.	17.00	47.5	52.9	41.7	61.	20.00	52.4	58.4	46.9	97.	23.00	50.9	54.4	48.1
26.	17.05	48.4	52.0	45.6	62.	20.05	52.4	61.4	46.1	98.	23.05	50.4	52.9	47.7
27.	17.10	48.3	53.1	45.3	63.	20.10	52.6	59.2	47.4	99.	23.10	50.7	51.8	45.7
28.	17.15	56.7	65.2	48.5	64.	20.15	49.5	54.4	45.8	100.	23.15	54.5	60.9	47.0
29.	17.20	53.4	62.5	47.7	65.	20.20	50.9	57.3	47.1	101.	23.20	52.8	58.7	49.9
30.	17.25	52.6	60.9	47.8	66.	20.25	54.6	61.4	50.8	102.	23.25	49.1	53.0	46.6
31.	17.30	49.1	52.6	45.9	67.	20.30	51.3	54.8	47.0	103.	23.30	51.0	62.0	46.2
32.	17.35	51.7	55.9	49.6	68.	20.35	49.5	53.4	45.5	104.	23.35	52.0	60.4	47.9
33.	17.40	49.8	53.2	47.4	69.	20.40	50.7	54.0	47.5	105.	23.40	52.4	56.9	48.8
34.	17.45	51.5	55.2	48.5	70.	20.45	51.2	56.8	48.1	106.	23.45	49.7	54.6	46.7
35.	17.50	51.3	57.4	46.8	71.	20.50	50.8	54.8	48.5	107.	23.50	50.6	55.1	48.2
36.	17.55	51.5	54.9	48.2	72.	20.55	51.2	54.0	48.6	108.	23.55	52.4	56.1	49.2

**TET**

Thai Environmental Technic Limited

บริษัท เทคนิกลิ่งแวดล้อมไทย จำกัด

(4/7-3)

ชุมชนบ้านเขาน้อย บริเวณทิศใต้ของโครงการ														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		09-10/12/22					09-10/12/22					09-10/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
109.	00.00	60.5	67.9	50.4	145.	03.00	52.2	55.4	49.3	181.	06.00	54.1	59.1	50.6
110.	00.05	51.4	56.5	48.0	146.	03.05	52.5	63.2	48.3	182.	06.05	55.1	61.7	52.5
111.	00.10	51.2	56.3	47.2	147.	03.10	53.5	58.1	48.6	183.	06.10	54.2	59.2	52.0
112.	00.15	51.3	54.1	47.7	148.	03.15	52.8	56.3	50.2	184.	06.15	55.2	63.7	50.9
113.	00.20	53.4	61.2	48.2	149.	03.20	54.0	60.5	49.9	185.	06.20	57.0	57.1	51.6
114.	00.25	49.9	54.2	47.7	150.	03.25	56.1	62.8	50.9	186.	06.25	55.4	63.2	51.2
115.	00.30	51.6	56.4	48.4	151.	03.30	54.1	57.0	51.0	187.	06.30	53.7	61.0	49.7
116.	00.35	52.8	59.5	49.3	152.	03.35	59.2	66.9	51.6	188.	06.35	54.4	60.1	51.5
117.	00.40	50.7	55.1	47.5	153.	03.40	53.6	60.3	47.6	189.	06.40	52.6	56.2	50.3
118.	00.45	51.6	58.1	48.2	154.	03.45	54.2	63.1	50.3	190.	06.45	52.3	64.9	48.8
119.	00.50	53.5	56.6	49.9	155.	03.50	56.8	63.8	51.8	191.	06.50	55.1	62.6	49.7
120.	00.55	50.4	57.9	47.3	156.	03.55	55.6	63.4	51.4	192.	06.55	53.4	61.2	49.6
121.	01.00	52.9	59.9	48.0	157.	04.00	55.0	61.5	51.3	193.	07.00	55.4	67.3	51.3
122.	01.05	53.8	58.2	49.8	158.	04.05	55.1	61.8	49.9	194.	07.05	54.4	59.2	50.9
123.	01.10	57.8	71.7	50.0	159.	04.10	54.3	60.5	49.2	195.	07.10	54.3	59.7	51.0
124.	01.15	60.0	74.4	49.0	160.	04.15	54.8	60.4	51.3	196.	07.15	54.1	57.8	50.7
125.	01.20	51.7	55.0	49.3	161.	04.20	54.9	64.2	50.2	197.	07.20	53.8	61.2	49.9
126.	01.25	51.7	56.7	48.7	162.	04.25	54.9	60.2	51.5	198.	07.25	55.9	68.2	50.8
127.	01.30	53.1	58.6	49.6	163.	04.30	54.3	63.0	49.6	199.	07.30	55.6	62.3	50.7
128.	01.35	53.6	61.2	48.6	164.	04.35	52.0	59.6	48.1	200.	07.35	53.8	61.2	49.5
129.	01.40	50.7	53.4	48.7	165.	04.40	53.4	62.6	47.1	201.	07.40	51.5	56.0	49.2
130.	01.45	58.0	70.1	49.3	166.	04.45	54.2	60.3	52.1	202.	07.45	52.3	55.4	48.3
131.	01.50	54.2	60.3	51.0	167.	04.50	54.3	59.7	51.4	203.	07.50	54.8	58.8	52.1
132.	01.55	53.8	60.2	48.9	168.	04.55	54.5	60.4	50.7	204.	07.55	53.1	56.7	51.6
133.	02.00	51.0	55.1	46.3	169.	05.00	53.6	62.2	50.1	205.	08.00	54.0	57.9	50.8
134.	02.05	51.9	57.7	49.1	170.	05.05	57.0	63.5	52.5	206.	08.05	52.0	55.7	50.0
135.	02.10	50.7	58.5	47.8	171.	05.10	55.2	62.1	50.8	207.	08.10	52.8	59.9	46.5
136.	02.15	57.9	66.5	50.7	172.	05.15	55.4	60.7	52.9	208.	08.15	54.6	62.4	51.2
137.	02.20	55.2	60.0	51.3	173.	05.20	53.8	58.6	50.9	209.	08.20	57.1	63.6	52.6
138.	02.25	53.9	62.5	49.1	174.	05.25	55.4	62.9	51.4	210.	08.25	53.6	60.6	48.7
139.	02.30	53.5	68.0	49.4	175.	05.30	54.6	62.7	49.5	211.	08.30	53.5	59.6	50.4
140.	02.35	50.1	55.2	47.0	176.	05.35	53.7	60.7	50.4	212.	08.35	51.1	58.4	48.3
141.	02.40	53.4	61.6	47.9	177.	05.40	56.5	63.0	52.8	213.	08.40	55.2	61.7	50.9
142.	02.45	53.3	56.6	51.1	178.	05.45	57.3	66.9	52.7	214.	08.45	54.8	61.9	50.7
143.	02.50	53.1	56.4	50.7	179.	05.50	53.8	59.0	51.8	215.	08.50	56.0	68.7	50.2
144.	02.55	53.5	57.8	52.0	180.	05.55	54.0	59.1	51.6	216.	08.55	51.1	54.4	48.9

**TET**

Thai Environmental Technic Limited
บริษัท เทคนิกลิ่งแวดล้อมไทย จำกัด

(4/3-3)

ชุมชนบ้านเขาน้อย บริเวณทิศใต้ของโครงการ														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		09-10/12/22					09-10/12/22					09-10/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
217.	09.00	51.2	55.1	48.6	241.	11.00	49.8	56.6	46.3	265.	13.00	50.4	54.6	48.3
218.	09.05	59.0	67.0	49.7	242.	11.05	50.6	54.7	47.1	266.	13.05	48.7	54.8	46.2
219.	09.10	55.9	64.7	50.1	243.	11.10	49.5	55.7	46.2	267.	13.10	50.6	55.7	47.1
220.	09.15	52.2	55.3	48.7	244.	11.15	50.5	54.3	48.5	268.	13.15	49.6	54.3	47.4
221.	09.20	51.5	58.2	47.4	245.	11.20	54.2	67.3	49.1	269.	13.20	52.2	55.0	49.9
222.	09.25	55.4	63.6	47.8	246.	11.25	54.3	68.6	49.3	270.	13.25	50.6	54.6	48.1
223.	09.30	53.1	64.1	49.5	247.	11.30	50.6	59.2	45.6	271.	13.30	49.4	55.6	45.7
224.	09.35	53.7	63.9	50.0	248.	11.35	55.8	73.8	45.8	272.	13.35	48.7	52.0	45.9
225.	09.40	55.7	63.2	51.5	249.	11.40	53.1	64.0	49.3	273.	13.40	55.3	65.1	48.0
226.	09.45	52.8	60.4	48.1	250.	11.45	51.1	54.3	48.7	274.	13.45	50.6	60.3	47.4
227.	09.50	52.0	55.9	48.4	251.	11.50	48.8	52.8	45.0	275.	13.50	50.0	53.5	45.5
228.	09.55	53.5	56.0	51.3	252.	11.55	49.7	53.7	44.6	276.	13.55	50.4	59.8	46.3
229.	10.00	52.1	54.6	49.8	253.	12.00	48.6	53.5	44.6	277.	14.00	50.2	54.5	46.8
230.	10.05	52.0	58.3	48.6	254.	12.05	51.0	54.9	47.6	278.	14.05	54.2	68.1	47.6
231.	10.10	54.0	59.4	50.5	255.	12.10	49.0	52.6	47.3	279.	14.10	52.7	65.4	47.4
232.	10.15	60.6	72.2	51.2	256.	12.15	48.5	58.6	43.5	280.	14.15	51.9	60.1	48.9
233.	10.20	52.3	59.4	48.6	257.	12.20	50.7	56.1	46.2	281.	14.20	50.3	55.2	46.5
234.	10.25	53.1	56.7	50.3	258.	12.25	52.7	59.4	46.3	282.	14.25	51.6	55.4	49.2
235.	10.30	49.7	53.5	47.4	259.	12.30	51.9	56.3	47.6	283.	14.30	50.4	52.8	47.9
236.	10.35	50.9	56.9	46.5	260.	12.35	49.1	53.7	45.1	284.	14.35	53.8	60.5	50.2
237.	10.40	51.8	59.2	46.5	261.	12.40	49.7	54.4	45.4	285.	14.40	57.7	64.2	48.7
238.	10.45	50.7	61.8	44.9	262.	12.45	50.8	58.5	47.6	286.	14.45	52.2	59.6	47.0
239.	10.50	50.4	54.4	47.8	263.	12.50	50.6	55.9	46.8	287.	14.50	49.4	52.9	47.4
240.	10.55	51.8	55.5	48.6	264.	12.55	52.4	56.6	49.4	288.	14.55	50.7	54.0	48.5

Wannasiri S.

Wannasiri Suriyawong

*Somchai P.*Somchai Piyavorasakul
General Manager



Thai Environmental Technic Limited

บริษัท เทคนิกลิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ตะวันแดง 1999 จำกัด

Report No. : 3581/2022/5-42

Project : โครงการโรงงานผลิตแอลกอฮอล์และสุรา (ส่วนขยาย ครั้งที่ 1)
(ระยะดำเนินการ)

Report Date : December 19, 2022

Sampling Date : December 6-13, 2022

Address : เลขที่ 88 หมู่ที่ 15 บ้านเขาน้อย ตำบลหนองแขง
อำเภอหันคา จังหวัดชัยนาท

Type of Sample : Sound Level

Job No. : S650153/Dec

(5/1-3)

ชุมชนบ้านเขาน้อย บริเวณทิศใต้ของโครงการ														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		10-11/12/22					10-11/12/22					10-11/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
1.	15.00	51.4	54.3	49.3	37.	18.00	54.7	57.2	53.5	73.	21.00	54.1	57.7	51.8
2.	15.05	51.3	59.1	48.3	38.	18.05	53.1	57.0	53.9	74.	21.05	54.6	57.8	52.5
3.	15.10	51.2	51.1	47.5	39.	18.10	55.5	57.3	54.1	75.	21.10	53.7	55.5	52.1
4.	15.15	53.1	58.5	49.4	40.	18.15	57.6	74.7	54.1	76.	21.15	53.6	56.3	52.2
5.	15.20	53.9	63.9	47.8	41.	18.20	53.5	57.4	54.4	77.	21.20	54.1	57.9	52.2
6.	15.25	56.3	66.2	50.3	42.	18.25	54.7	58.1	53.4	78.	21.25	54.6	57.0	52.5
7.	15.30	53.3	60.2	49.9	43.	18.30	55.2	57.5	54.0	79.	21.30	53.1	55.9	52.1
8.	15.35	51.7	59.3	49.6	44.	18.35	55.3	57.7	54.0	80.	21.35	53.8	56.7	52.4
9.	15.40	51.8	56.0	48.6	45.	18.40	55.9	60.4	54.5	81.	21.40	58.1	69.3	53.0
10.	15.45	50.9	52.7	48.2	46.	18.45	54.9	56.0	54.0	82.	21.45	54.2	57.5	52.6
11.	15.50	51.7	54.9	50.1	47.	18.50	54.2	55.9	53.2	83.	21.50	54.3	57.4	52.9
12.	15.55	50.9	53.6	49.4	48.	18.55	54.9	56.7	54.0	84.	21.55	55.1	58.2	53.1
13.	16.00	51.1	58.0	48.5	49.	19.00	55.2	56.9	54.0	85.	22.00	53.7	56.0	52.8
14.	16.05	50.0	54.0	48.1	50.	19.05	54.5	56.1	53.6	86.	22.05	53.6	55.5	52.4
15.	16.10	55.8	64.6	49.8	51.	19.10	54.9	57.6	53.9	87.	22.10	53.8	56.9	52.5
16.	16.15	52.6	54.4	51.2	52.	19.15	54.1	55.9	53.0	88.	22.15	54.1	56.1	52.7
17.	16.20	52.6	60.4	50.6	53.	19.20	55.0	57.1	53.6	89.	22.20	53.5	56.0	52.0
18.	16.25	51.3	54.9	49.8	54.	19.25	55.4	58.0	53.9	90.	22.25	54.2	57.8	52.0
19.	16.30	51.1	53.4	49.9	55.	19.30	55.1	59.7	53.5	91.	22.30	53.3	54.9	52.1
20.	16.35	54.0	56.0	52.1	56.	19.35	54.3	59.4	53.0	92.	22.35	53.9	57.2	51.8
21.	16.40	52.9	56.0	51.5	57.	19.40	55.0	57.7	53.7	93.	22.40	53.1	55.6	51.6
22.	16.45	53.5	55.8	51.6	58.	19.45	54.8	59.4	53.1	94.	22.45	54.7	60.3	52.7
23.	16.50	54.1	56.3	52.4	59.	19.50	54.0	56.4	52.8	95.	22.50	53.9	55.9	52.7
24.	16.55	53.7	55.7	51.5	60.	19.55	54.7	57.1	53.0	96.	22.55	53.5	55.0	52.5
25.	17.00	53.8	54.8	53.0	61.	20.00	59.5	68.1	52.1	97.	23.00	54.0	55.8	52.7
26.	17.05	54.5	56.1	53.4	62.	20.05	53.3	57.6	51.6	98.	23.05	54.9	64.8	52.8
27.	17.10	54.9	58.5	53.7	63.	20.10	53.7	53.9	52.4	99.	23.10	53.9	57.7	52.7
28.	17.15	53.5	58.9	53.5	64.	20.15	54.0	57.2	52.9	100.	23.15	53.9	55.8	52.9
29.	17.20	53.5	59.3	54.0	65.	20.20	53.4	55.5	52.3	101.	23.20	54.7	60.1	52.6
30.	17.25	56.1	59.0	54.3	66.	20.25	53.4	55.2	52.2	102.	23.25	53.8	56.0	52.6
31.	17.30	55.6	58.2	54.1	67.	20.30	52.4	53.3	51.7	103.	23.30	53.7	55.3	52.7
32.	17.35	54.0	56.1	52.6	68.	20.35	53.5	55.7	52.1	104.	23.35	53.9	56.2	52.7
33.	17.40	55.0	58.9	53.3	69.	20.40	53.3	54.7	52.3	105.	23.40	53.7	55.9	52.5
34.	17.45	55.5	60.8	53.7	70.	20.45	54.3	57.3	52.6	106.	23.45	54.1	56.2	53.0
35.	17.50	55.7	59.4	54.2	71.	20.50	54.4	57.3	52.1	107.	23.50	53.8	55.1	52.9
36.	17.55	56.0	59.1	54.7	72.	20.55	53.6	58.4	52.2	108.	23.55	53.6	55.5	52.6

**TET**

Thai Environmental Technic Limited
บริษัท เทคนิกลิ่งแวดล้อมไทย จำกัด

(5/2-3)

ชุมชนบ้านเขาน้อย บริเวณทิศใต้ของโครงการ														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		10-11/12/22					10-11/12/22					10-11/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
109.	03.00	53.9	55.7	52.8	145.	03.00	54.6	58.3	52.8	181.	06.00	53.2	54.2	52.6
110.	03.05	55.8	58.9	53.1	146.	03.05	54.7	57.3	53.4	182.	06.05	53.4	55.0	52.3
111.	03.10	54.6	57.9	53.3	147.	03.10	53.9	58.3	52.5	183.	06.10	53.6	54.6	52.9
112.	03.15	53.7	55.3	52.9	148.	03.15	54.3	57.5	52.8	184.	06.15	53.8	55.2	52.8
113.	03.20	54.5	57.7	52.6	149.	03.20	53.8	55.7	52.8	185.	06.20	53.5	55.5	52.6
114.	03.25	54.1	57.2	52.8	150.	03.25	56.0	62.4	53.4	186.	06.25	53.1	54.6	52.4
115.	03.30	54.0	57.7	52.6	151.	03.30	53.1	55.8	52.4	187.	06.30	53.4	55.7	52.5
116.	03.35	55.8	63.9	53.8	152.	03.35	54.3	57.6	52.6	188.	06.35	53.2	55.1	52.1
117.	03.40	54.6	58.4	53.3	153.	03.40	52.5	55.6	52.6	189.	06.40	53.5	56.8	52.3
118.	03.45	54.1	56.5	53.0	154.	03.45	53.7	55.3	52.9	190.	06.45	52.8	54.4	52.1
119.	03.50	55.7	59.8	53.7	155.	03.50	54.2	56.7	53.2	191.	06.50	52.9	54.2	52.2
120.	03.55	53.8	55.7	52.9	156.	03.55	54.4	57.0	53.0	192.	06.55	53.2	54.6	52.4
121.	04.00	54.5	56.8	53.4	157.	04.00	53.3	55.2	52.3	193.	07.00	53.6	59.1	52.6
122.	04.05	53.7	55.3	52.5	158.	04.05	53.2	54.8	52.3	194.	07.05	59.6	67.3	52.8
123.	04.10	53.5	54.6	52.7	159.	04.10	53.7	54.6	52.9	195.	07.10	60.9	68.8	56.0
124.	04.15	53.7	54.7	52.9	160.	04.15	53.6	55.9	52.6	196.	07.15	53.9	64.4	52.6
125.	04.20	54.6	58.9	52.8	161.	04.20	53.5	54.7	52.6	197.	07.20	53.1	54.3	52.2
126.	04.25	54.4	56.8	53.3	162.	04.25	54.2	56.6	53.1	198.	07.25	53.1	54.3	52.2
127.	04.30	53.4	54.5	52.4	163.	04.30	54.5	56.5	53.3	199.	07.30	53.0	55.4	51.5
128.	04.35	55.2	59.5	53.0	164.	04.35	53.8	57.3	52.7	200.	07.35	52.5	54.2	51.6
129.	04.40	54.5	57.5	53.0	165.	04.40	53.7	56.8	52.5	201.	07.40	52.5	54.1	51.7
130.	04.45	56.0	63.5	52.9	166.	04.45	54.7	59.5	52.0	202.	07.45	53.1	55.5	52.1
131.	04.50	53.8	55.8	52.9	167.	04.50	54.2	58.0	52.7	203.	07.50	52.7	54.1	51.8
132.	04.55	54.1	57.4	52.7	168.	04.55	53.8	54.8	53.0	204.	07.55	52.7	53.7	52.0
133.	05.00	54.3	57.7	52.7	169.	05.00	54.0	55.6	53.1	205.	08.00	52.7	53.8	51.9
134.	05.05	54.3	57.6	52.7	170.	05.05	53.8	55.6	52.9	206.	08.05	53.2	54.8	52.1
135.	05.10	53.4	54.6	52.5	171.	05.10	53.6	55.0	52.9	207.	08.10	52.7	54.5	51.8
136.	05.15	54.0	56.4	52.4	172.	05.15	54.0	54.9	53.1	208.	08.15	53.4	55.9	52.5
137.	05.20	53.1	56.0	52.0	173.	05.20	55.8	61.9	53.6	209.	08.20	55.4	63.9	51.4
138.	05.25	53.7	56.2	52.8	174.	05.25	54.7	61.6	52.7	210.	08.25	53.1	54.9	51.8
139.	05.30	53.7	56.3	52.7	175.	05.30	54.1	57.5	52.6	211.	08.30	52.8	55.4	51.9
140.	05.35	54.8	57.1	53.1	176.	05.35	52.9	54.5	51.7	212.	08.35	53.5	59.7	51.3
141.	05.40	53.8	56.6	52.6	177.	05.40	54.7	58.1	53.5	213.	08.40	52.4	54.9	51.0
142.	05.45	53.1	54.2	52.4	178.	05.45	53.9	56.5	52.7	214.	08.45	52.2	53.6	51.3
143.	05.50	53.5	55.7	52.4	179.	05.50	53.5	56.1	52.1	215.	08.50	53.1	55.7	51.5
144.	05.55	53.5	61.4	52.0	180.	05.55	52.7	54.3	51.9	216.	08.55	52.2	54.2	51.1



Thai Environmental Technic Limited
บริษัท เทคนิกลิ่งแวดล้อมไทย จำกัด

(5/3-3)

ชุมชนบ้านเขาน้อย บริเวณทิศใต้ของโครงการ														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		10-11/12/22					10-11/12/22					10-11/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
217.	09.00	53.3	57.9	51.8	241.	11.00	52.5	55.8	50.9	265.	13.00	51.5	53.5	50.6
218.	09.05	52.0	55.4	51.0	242.	11.05	52.5	54.2	51.2	266.	13.05	52.2	55.2	50.6
219.	09.10	53.2	62.7	51.2	243.	11.10	53.2	56.7	52.1	267.	13.10	51.2	53.8	49.9
220.	09.15	55.0	63.9	51.1	244.	11.15	52.4	55.9	50.9	268.	13.15	55.0	66.1	49.8
221.	09.20	52.5	53.9	51.5	245.	11.20	56.6	65.3	50.7	269.	13.20	54.2	64.6	50.0
222.	09.25	52.5	55.5	51.7	246.	11.25	51.1	59.7	49.7	270.	13.25	51.7	54.6	50.3
223.	09.30	52.3	54.0	51.4	247.	11.30	52.9	60.2	50.9	271.	13.30	51.3	54.3	50.2
224.	09.35	52.5	56.2	51.1	248.	11.35	53.0	56.3	51.6	272.	13.35	51.4	53.7	50.3
225.	09.40	51.9	53.2	51.2	249.	11.40	51.5	54.0	50.0	273.	13.40	51.4	53.8	50.0
226.	09.45	52.5	56.3	51.1	250.	11.45	52.5	57.5	50.6	274.	13.45	51.5	55.0	49.9
227.	09.50	52.1	54.0	51.2	251.	11.50	51.7	55.2	50.7	275.	13.50	51.4	55.0	49.7
228.	09.55	53.2	58.6	51.1	252.	11.55	53.0	56.4	51.4	276.	13.55	51.9	55.3	50.8
229.	10.00	52.8	55.9	51.3	253.	12.00	51.8	54.3	50.7	277.	14.00	50.6	52.7	49.5
230.	10.05	54.5	62.4	50.5	254.	12.05	52.1	54.6	50.1	278.	14.05	50.8	54.0	49.2
231.	10.10	52.9	55.0	51.4	255.	12.10	51.8	55.2	50.0	279.	14.10	51.9	57.4	49.2
232.	10.15	52.8	55.4	51.8	256.	12.15	51.8	54.6	50.5	280.	14.15	51.7	55.1	50.6
233.	10.20	53.2	58.3	51.8	257.	12.20	52.4	55.4	51.1	281.	14.20	51.4	55.8	49.9
234.	10.25	56.1	64.4	52.0	258.	12.25	52.4	54.9	51.1	282.	14.25	54.9	66.8	49.3
235.	10.30	56.2	63.3	51.2	259.	12.30	51.9	55.3	50.6	283.	14.30	51.2	59.2	49.1
236.	10.35	52.1	53.5	51.1	260.	12.35	52.6	55.4	50.8	284.	14.35	51.6	57.9	49.6
237.	10.40	52.4	55.7	50.1	261.	12.40	52.2	54.5	51.0	285.	14.40	52.5	54.1	51.2
238.	10.45	52.9	55.0	51.8	262.	12.45	53.0	58.2	51.2	286.	14.45	51.2	54.4	49.5
239.	10.50	52.8	55.8	51.0	263.	12.50	51.5	54.1	50.5	287.	14.50	50.5	53.6	49.2
240.	10.55	51.4	52.7	50.7	264.	12.55	51.7	54.7	50.5	288.	14.55	51.0	53.7	49.7

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager

**TET**

Thai Environmental Technic Limited

บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ตะวันแดง 1999 จำกัด

Report No. : 3581/2022/6-42

Project : โครงการโรงงานผลิตแอลกอฮอล์และสุรา (ส่วนขยาย ครั้งที่ 1)
(ระยะดำเนินการ)

Report Date : December 19, 2022

Sampling Date : December 6-13, 2022

Address : เลขที่ 88 หมู่ที่ 15 บ้านเขาน้อย ตำบลหนองแขง
อำเภอหันคา จังหวัดชัยนาท

Type of Sample : Sound Level

Job No. : S650153/Dec

(6/1-3)

ชุมชนบ้านเขาน้อย บริเวณทิศใต้ของโครงการ														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		11-12/12/22					11-12/12/22					11-12/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
1.	15.00	51.9	54.3	50.5	37.	18.00	50.2	52.0	49.0	73.	21.00	50.5	63.9	48.3
2.	15.05	53.3	56.0	51.7	38.	18.05	50.5	52.8	49.0	74.	21.05	49.9	55.0	48.4
3.	15.10	53.7	53.1	49.6	39.	18.10	51.2	53.0	50.0	75.	21.10	50.2	53.6	48.6
4.	15.15	51.0	62.2	48.5	40.	18.15	51.7	63.0	49.2	76.	21.15	49.5	52.2	47.5
5.	15.20	50.5	55.7	48.8	41.	18.20	51.3	63.2	48.9	77.	21.20	49.8	52.1	48.6
6.	15.25	51.5	53.8	50.3	42.	18.25	50.1	52.5	48.7	78.	21.25	50.0	52.4	48.6
7.	15.30	51.7	53.1	50.6	43.	18.30	49.7	59.0	48.0	79.	21.30	51.0	54.2	49.0
8.	15.35	50.9	53.0	49.3	44.	18.35	53.3	63.1	49.7	80.	21.35	52.8	64.9	49.0
9.	15.40	50.4	54.2	49.0	45.	18.40	50.7	58.6	48.2	81.	21.40	53.5	65.8	48.7
10.	15.45	50.8	52.9	49.6	46.	18.45	50.4	61.3	47.8	82.	21.45	49.9	52.0	48.4
11.	15.50	54.2	63.5	51.0	47.	18.50	50.9	61.9	47.9	83.	21.50	50.9	54.2	48.9
12.	15.55	51.6	58.5	49.5	48.	18.55	51.9	62.4	49.4	84.	21.55	50.8	53.8	49.2
13.	16.00	51.9	55.9	50.0	49.	19.00	52.5	63.4	47.6	85.	22.00	50.2	54.3	48.0
14.	16.05	50.6	54.1	49.3	50.	19.05	49.4	53.8	47.8	86.	22.05	51.2	57.1	48.5
15.	16.10	51.6	53.2	50.2	51.	19.10	51.1	55.9	48.6	87.	22.10	50.3	54.0	48.4
16.	16.15	53.7	58.1	51.5	52.	19.15	52.5	61.8	48.5	88.	22.15	50.3	53.6	48.4
17.	16.20	50.1	52.5	48.7	53.	19.20	49.9	52.1	48.4	89.	22.20	50.4	53.7	48.1
18.	16.25	49.9	52.1	48.6	54.	19.25	49.1	51.4	47.6	90.	22.25	49.7	51.9	48.0
19.	16.30	50.8	53.0	49.4	55.	19.30	49.9	60.1	47.4	91.	22.30	50.0	52.6	48.4
20.	16.35	51.8	54.8	51.0	56.	19.35	49.5	55.3	47.2	92.	22.35	49.9	52.3	48.0
21.	16.40	52.1	63.6	49.4	57.	19.40	50.3	59.6	47.9	93.	22.40	50.8	56.6	48.5
22.	16.45	49.9	52.2	48.7	58.	19.45	51.9	61.0	48.3	94.	22.45	50.9	53.1	49.6
23.	16.50	53.9	63.0	48.7	59.	19.50	49.0	50.8	47.4	95.	22.50	51.1	55.2	49.6
24.	16.55	52.1	59.5	50.6	60.	19.55	48.0	50.7	46.4	96.	22.55	51.0	54.9	49.1
25.	17.00	55.1	61.7	50.6	61.	20.00	49.5	52.7	47.6	97.	23.00	50.8	55.7	48.6
26.	17.05	51.0	54.5	49.2	62.	20.05	48.6	50.5	47.7	98.	23.05	53.9	63.1	49.0
27.	17.10	50.9	61.7	48.9	63.	20.10	49.3	53.6	47.5	99.	23.10	54.5	63.1	48.4
28.	17.15	52.2	63.1	48.8	64.	20.15	49.9	54.6	48.0	100.	23.15	49.6	62.4	47.4
29.	17.20	51.1	52.9	49.7	65.	20.20	50.5	54.6	48.2	101.	23.20	49.0	51.8	47.0
30.	17.25	52.6	56.0	50.7	66.	20.25	52.6	58.7	49.0	102.	23.25	48.8	50.9	47.3
31.	17.30	51.0	54.3	49.5	67.	20.30	51.1	57.2	49.0	103.	23.30	50.0	51.8	48.9
32.	17.35	51.0	54.0	49.5	68.	20.35	48.8	50.5	47.4	104.	23.35	48.7	51.1	47.3
33.	17.40	50.2	51.9	49.1	69.	20.40	49.7	52.1	48.0	105.	23.40	50.1	61.5	47.3
34.	17.45	51.4	54.8	50.0	70.	20.45	49.5	53.2	47.9	106.	23.45	50.6	62.1	47.2
35.	17.50	50.9	53.5	49.1	71.	20.50	49.9	53.1	48.4	107.	23.50	49.6	61.1	46.7
36.	17.55	50.5	51.3	48.6	72.	20.55	53.0	62.3	48.5	108.	23.55	50.7	53.7	48.1



Thai Environmental Technic Limited
บริษัท เทคนิกลิ่งแวดล้อมไทย จำกัด

(6/23)

ชุมชนบ้านเขาน้อย บริเวณทิศใต้ของโครงการ														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		11-12/12/22					11-12/12/22					11-12/12/22		
		Leq	Lmax	L ₉₅			Leq	Lmax	L ₉₅			Leq	Lmax	L ₉₅
109.	00.00	48.4	51.1	47.1	145.	03.00	56.6	73.0	53.1	181.	06.00	49.0	53.7	46.3
110.	00.05	48.0	56.0	47.2	146.	03.05	57.5	73.8	53.3	182.	06.05	52.4	57.5	48.8
111.	00.10	48.7	52.1	47.0	147.	03.10	55.1	69.4	52.4	183.	06.10	53.8	58.9	50.7
112.	00.15	53.8	64.5	47.2	148.	03.15	53.0	64.1	50.1	184.	06.15	52.3	56.5	50.0
113.	00.20	50.3	56.2	47.6	149.	03.20	54.3	61.7	48.8	185.	06.20	55.1	63.4	48.3
114.	00.25	48.2	51.8	47.0	150.	03.25	51.7	55.6	48.5	186.	06.25	50.6	56.0	46.2
115.	00.30	48.7	55.7	47.4	151.	03.30	52.2	59.8	47.8	187.	06.30	50.3	56.9	45.4
116.	00.35	48.9	57.6	46.9	152.	03.35	53.2	58.2	49.0	188.	06.35	52.1	58.7	47.3
117.	00.40	48.6	54.0	47.6	153.	03.40	51.9	57.7	49.8	189.	06.40	51.6	56.5	48.8
118.	00.45	47.9	52.8	46.6	154.	03.45	54.5	61.9	49.8	190.	06.45	51.9	58.0	48.9
119.	00.50	50.4	61.5	46.8	155.	03.50	52.2	57.6	49.2	191.	06.50	51.9	55.9	48.5
120.	00.55	47.9	59.5	46.9	156.	03.55	51.1	59.7	47.9	192.	06.55	51.1	55.5	46.7
121.	01.00	49.2	57.1	47.6	157.	04.00	51.0	54.9	47.7	193.	07.00	52.8	59.5	46.2
122.	01.05	49.6	59.6	47.1	158.	04.05	52.6	55.8	50.0	194.	07.05	50.5	55.0	46.8
123.	01.10	48.7	60.5	46.8	159.	04.10	51.6	56.7	49.3	195.	07.10	51.6	56.4	48.2
124.	01.15	51.0	62.3	47.3	160.	04.15	52.2	55.6	49.6	196.	07.15	57.0	64.6	49.6
125.	01.20	51.1	56.8	48.2	161.	04.20	53.0	58.1	50.5	197.	07.20	48.8	53.1	46.0
126.	01.25	49.1	52.8	47.5	162.	04.25	51.7	58.0	46.6	198.	07.25	52.2	58.5	49.4
127.	01.30	50.6	61.0	47.2	163.	04.30	49.0	54.0	44.6	199.	07.30	50.7	53.5	48.1
128.	01.35	49.5	54.9	47.0	164.	04.35	50.9	55.4	46.3	200.	07.35	51.6	56.1	48.9
129.	01.40	47.1	48.6	46.3	165.	04.40	52.6	55.7	48.9	201.	07.40	52.3	58.7	48.4
130.	01.45	47.1	49.8	46.1	166.	04.45	52.7	64.5	48.8	202.	07.45	53.5	57.3	48.9
131.	01.50	48.0	59.5	45.9	167.	04.50	53.8	63.0	49.0	203.	07.50	53.6	61.5	48.7
132.	01.55	49.4	57.2	47.1	168.	04.55	51.8	56.7	47.0	204.	07.55	53.6	64.3	51.0
133.	02.00	48.2	53.4	47.1	169.	05.00	49.0	55.2	45.6	205.	08.00	51.9	55.9	49.1
134.	02.05	48.4	50.9	47.2	170.	05.05	50.0	53.6	48.0	206.	08.05	52.2	56.5	48.8
135.	02.10	49.1	57.4	47.1	171.	05.10	49.8	53.9	45.7	207.	08.10	49.5	54.8	45.8
136.	02.15	48.3	56.6	47.3	172.	05.15	52.3	55.6	50.3	208.	08.15	54.3	74.3	47.2
137.	02.20	47.9	50.3	47.0	173.	05.20	53.5	57.4	50.5	209.	08.20	51.0	57.9	46.2
138.	02.25	48.6	50.9	47.4	174.	05.25	50.4	53.2	47.9	210.	08.25	49.4	54.1	46.8
139.	02.30	49.2	52.8	47.5	175.	05.30	51.8	57.9	46.9	211.	08.30	51.6	57.9	46.5
140.	02.35	50.0	55.9	48.0	176.	05.35	50.5	55.0	45.8	212.	08.35	50.6	57.1	47.7
141.	02.40	50.2	56.9	47.4	177.	05.40	51.0	60.1	47.0	213.	08.40	52.9	57.3	49.2
142.	02.45	48.7	51.4	47.3	178.	05.45	52.2	56.6	48.1	214.	08.45	52.3	57.8	49.1
143.	02.50	57.7	72.6	51.6	179.	05.50	49.9	56.5	46.4	215.	08.50	50.3	56.6	44.1
144.	02.55	56.0	68.7	53.4	180.	05.55	54.5	60.0	48.4	216.	08.55	49.4	54.2	44.7

**TET**

Thai Environmental Technic Limited

บริษัท เทคนิกลีงแวดล้อมไทย จำกัด

(6/3-3)

ชุมชนบ้านเขาน้อย บริเวณทิศใต้ของโครงการ														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		11-12/12/22					11-12/12/22					11-12/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
217.	09.00	48.9	53.8	44.7	241.	11.00	51.2	54.3	48.0	265.	13.00	52.9	60.0	46.4
218.	09.05	51.4	56.1	48.6	242.	11.05	51.1	58.2	45.3	266.	13.05	52.6	58.3	49.2
219.	09.10	52.3	60.4	49.2	243.	11.10	49.1	55.0	45.1	267.	13.10	53.3	69.1	49.4
220.	09.15	50.2	55.5	48.3	244.	11.15	51.4	58.0	46.1	268.	13.15	54.3	61.4	49.7
221.	09.20	51.4	57.8	47.7	245.	11.20	51.4	54.2	48.1	269.	13.20	51.7	56.9	48.4
222.	09.25	47.8	55.0	45.3	246.	11.25	52.1	58.5	49.6	270.	13.25	50.6	56.9	48.7
223.	09.30	50.6	57.4	45.1	247.	11.30	52.0	56.9	49.7	271.	13.30	49.2	54.5	46.1
224.	09.35	52.6	60.9	46.3	248.	11.35	51.0	57.5	47.2	272.	13.35	52.6	60.2	47.9
225.	09.40	50.8	54.3	48.5	249.	11.40	49.4	54.4	44.6	273.	13.40	52.3	61.3	48.2
226.	09.45	53.4	57.0	49.8	250.	11.45	48.3	53.3	44.0	274.	13.45	56.9	65.4	48.4
227.	09.50	56.1	64.3	50.4	251.	11.50	51.0	55.4	45.8	275.	13.50	53.8	63.1	50.0
228.	09.55	51.1	57.8	46.1	252.	11.55	53.6	63.2	47.0	276.	13.55	53.4	64.3	49.5
229.	10.00	50.5	54.3	48.2	253.	12.00	51.1	55.6	48.9	277.	14.00	51.7	63.9	47.5
230.	10.05	51.4	57.1	46.5	254.	12.05	54.2	60.9	49.7	278.	14.05	47.4	54.0	44.3
231.	10.10	52.5	55.7	46.6	255.	12.10	52.1	56.3	48.5	279.	14.10	49.9	53.3	46.2
232.	10.15	52.5	56.7	50.3	256.	12.15	50.8	58.6	45.3	280.	14.15	50.0	55.4	48.0
233.	10.20	53.7	61.8	50.4	257.	12.20	50.9	55.7	47.5	281.	14.20	49.6	58.6	47.5
234.	10.25	55.6	65.8	50.6	258.	12.25	50.6	55.0	45.4	282.	14.25	50.1	56.0	46.6
235.	10.30	53.3	59.2	48.9	259.	12.30	52.2	56.3	48.2	283.	14.30	49.5	57.0	46.1
236.	10.35	55.2	64.0	48.3	260.	12.35	52.8	57.2	49.0	284.	14.35	52.2	61.1	46.8
237.	10.40	49.9	54.4	48.0	261.	12.40	53.1	60.7	49.1	285.	14.40	51.1	56.0	49.0
238.	10.45	50.8	55.3	47.1	262.	12.45	52.8	57.4	49.0	286.	14.45	52.6	58.6	50.3
239.	10.50	54.0	59.1	49.4	263.	12.50	49.6	54.3	46.0	287.	14.50	53.3	60.8	49.3
240.	10.55	52.8	59.3	50.1	264.	12.55	52.6	58.5	47.3	288.	14.55	52.9	58.4	48.5

Wannasiri S.

Wannasiri Suriyawong

*Somchai P.*Somchai Piyavorasakul
General Manager



Thai Environmental Technic Limited

บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ตะวันแดง 1999 จำกัด

Report No. : 3581/2022/7-42

Project : โครงการโรงงานผลิตแอลกอฮอล์และสุรา (ส่วนขยาย ครั้งที่ 1)
(ระยะดำเนินการ)

Report Date : December 19, 2022

Sampling Date : December 6-13, 2022

Address : เลขที่ 88 หมู่ที่ 15 บ้านเขาน้อย ตำบลหนองแซง
อำเภอหันคา จังหวัดชัยนาท

Type of Sample : Sound Level

Job No. : S650153/Dec

(7/1-3)

ชุมชนบ้านเขาน้อย บริเวณทิศใต้ของโครงการ														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		12-13/12/22					12-13/12/22					12-13/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
1.	15.00	53.7	61.9	48.5	37.	18.00	53.0	60.2	50.0	73.	21.00	54.7	59.9	49.0
2.	15.05	52.3	60.1	47.5	38.	18.05	50.4	53.9	48.3	74.	21.05	53.8	61.4	46.0
3.	15.10	54.2	61.2	49.9	39.	18.10	47.8	51.0	45.7	75.	21.10	53.0	61.3	47.2
4.	15.15	51.3	58.1	47.5	40.	18.15	49.7	52.8	47.4	76.	21.15	53.6	61.9	48.0
5.	15.20	51.7	60.2	47.3	41.	18.20	48.5	55.9	45.4	77.	21.20	53.6	63.6	49.4
6.	15.25	53.1	62.7	49.0	42.	18.25	48.0	50.7	44.9	78.	21.25	55.0	62.1	51.0
7.	15.30	52.2	60.2	48.4	43.	18.30	50.9	54.4	48.6	79.	21.30	52.9	65.0	44.7
8.	15.35	52.9	62.2	45.9	44.	18.35	50.4	56.2	48.7	80.	21.35	49.6	56.0	44.0
9.	15.40	55.1	65.7	50.4	45.	18.40	48.4	54.3	44.5	81.	21.40	49.1	53.0	46.6
10.	15.45	55.5	64.4	50.3	46.	18.45	53.2	63.1	46.8	82.	21.45	49.4	57.9	47.8
11.	15.50	56.9	68.2	50.5	47.	18.50	50.5	58.5	46.6	83.	21.50	54.4	63.3	50.2
12.	15.55	57.0	68.2	49.9	48.	18.55	51.4	57.0	47.1	84.	21.55	49.6	53.7	44.5
13.	16.00	54.5	65.8	48.1	49.	19.00	52.5	58.1	48.8	85.	22.00	56.9	78.9	46.8
14.	16.05	59.3	73.7	49.0	50.	19.05	53.7	61.2	48.1	86.	22.05	50.4	57.4	46.8
15.	16.10	58.0	71.3	51.7	51.	19.10	48.7	53.3	44.8	87.	22.10	51.6	56.0	48.7
16.	16.15	59.0	75.6	49.3	52.	19.15	52.4	59.1	47.4	88.	22.15	51.6	58.7	45.8
17.	16.20	58.3	73.2	50.2	53.	19.20	49.8	54.7	47.8	89.	22.20	50.3	54.9	47.2
18.	16.25	57.9	68.1	50.3	54.	19.25	49.3	52.5	48.2	90.	22.25	51.9	57.3	48.8
19.	16.30	55.8	66.6	49.7	55.	19.30	54.7	64.9	49.5	91.	22.30	50.8	55.3	47.4
20.	16.35	60.6	73.0	53.9	56.	19.35	50.9	56.1	47.4	92.	22.35	52.8	57.8	48.6
21.	16.40	56.5	67.6	49.6	57.	19.40	50.5	54.9	45.9	93.	22.40	50.7	59.2	47.2
22.	16.45	60.6	73.9	52.9	58.	19.45	50.6	56.3	45.3	94.	22.45	53.7	60.4	48.1
23.	16.50	59.7	76.5	53.1	59.	19.50	50.3	54.9	48.0	95.	22.50	50.4	61.4	48.1
24.	16.55	54.5	62.6	48.7	60.	19.55	53.0	56.8	50.1	96.	22.55	53.3	60.5	46.0
25.	17.00	53.1	62.5	49.4	61.	20.00	52.5	57.9	48.9	97.	23.00	52.3	60.2	48.2
26.	17.05	51.4	57.0	48.8	62.	20.05	54.0	65.3	46.4	98.	23.05	51.2	55.1	47.4
27.	17.10	55.4	68.0	51.2	63.	20.10	51.7	58.5	47.5	99.	23.10	50.7	56.4	46.3
28.	17.15	52.4	67.3	49.4	64.	20.15	52.3	60.9	46.8	100.	23.15	53.0	56.2	49.7
29.	17.20	51.8	63.8	47.4	65.	20.20	53.7	61.5	50.0	101.	23.20	49.2	55.5	45.2
30.	17.25	54.5	65.1	47.3	66.	20.25	51.7	55.8	49.4	102.	23.25	51.8	58.6	44.3
31.	17.30	55.1	64.7	50.0	67.	20.30	49.5	54.0	46.6	103.	23.30	49.4	54.0	45.9
32.	17.35	53.5	65.9	49.8	68.	20.35	49.4	57.1	45.4	104.	23.35	48.5	52.5	45.4
33.	17.40	50.4	54.0	48.2	69.	20.40	51.6	57.7	44.7	105.	23.40	49.0	52.8	47.1
34.	17.45	52.2	56.2	50.1	70.	20.45	50.8	56.2	46.8	106.	23.45	51.5	55.3	48.4
35.	17.50	50.6	54.1	48.9	71.	20.50	49.9	52.3	47.9	107.	23.50	52.2	61.2	48.8
36.	17.55	51.6	56.2	48.8	72.	20.55	51.7	57.3	49.6	108.	23.55	51.4	55.2	48.9



Thai Environmental Technic Limited
บริษัท เทคนิกลิ่งแวดล้อมไทย จำกัด

((/2-3))

ชุมชนบ้านเขาน้อย บริเวณทิศใต้ของโครงการ														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		12-13/12/22					12-13/12/22					12-13/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
109.	00.00	52.1	55.6	49.0	145.	03.00	50.5	55.1	47.5	181.	06.00	53.5	59.4	50.1
110.	00.05	49.2	52.7	46.8	146.	03.05	54.9	66.3	48.9	182.	06.05	53.9	58.6	51.3
111.	00.10	52.5	59.4	48.5	147.	03.10	54.0	65.1	45.1	183.	06.10	54.9	58.1	51.6
112.	00.15	52.4	58.3	49.2	148.	03.15	47.5	61.8	43.3	184.	06.15	58.8	70.9	50.1
113.	00.20	53.0	61.5	49.1	149.	03.20	52.8	64.1	46.1	185.	06.20	55.0	61.1	51.8
114.	00.25	52.5	57.9	49.1	150.	03.25	53.6	57.7	50.6	186.	06.25	54.6	61.0	49.7
115.	00.30	51.5	59.9	48.0	151.	03.30	49.6	53.6	47.0	187.	06.30	51.8	55.9	47.1
116.	00.35	49.7	56.9	46.6	152.	03.35	53.0	58.0	48.8	188.	06.35	52.7	58.5	49.9
117.	00.40	51.2	56.3	48.3	153.	03.40	51.7	56.4	47.4	189.	06.40	51.5	59.3	48.6
118.	00.45	52.4	58.5	50.1	154.	03.45	49.4	56.8	42.3	190.	06.45	58.7	67.3	51.5
119.	00.50	52.3	57.3	49.7	155.	03.50	52.1	55.0	49.8	191.	06.50	56.0	60.8	52.1
120.	00.55	51.2	55.6	48.0	156.	03.55	50.6	53.9	48.2	192.	06.55	54.7	63.3	49.9
121.	01.00	51.8	55.6	49.4	157.	04.00	55.4	64.8	46.2	193.	07.00	54.3	68.8	50.2
122.	01.05	53.5	61.2	49.4	158.	04.05	54.8	63.9	47.0	194.	07.05	50.9	56.0	47.8
123.	01.10	52.4	55.5	50.1	159.	04.10	52.3	58.2	46.9	195.	07.10	54.2	62.4	48.7
124.	01.15	51.3	55.4	48.8	160.	04.15	51.4	57.6	46.5	196.	07.15	54.1	57.4	51.9
125.	01.20	49.9	51.9	48.3	161.	04.20	53.6	58.5	49.7	197.	07.20	53.9	57.2	51.5
126.	01.25	52.3	60.8	48.3	162.	04.25	54.0	59.0	50.4	198.	07.25	54.3	58.6	52.8
127.	01.30	52.3	58.8	47.8	163.	04.30	55.2	62.8	49.8	199.	07.30	53.0	56.2	50.1
128.	01.35	50.6	55.3	47.9	164.	04.35	51.3	57.5	48.3	200.	07.35	53.3	64.0	49.1
129.	01.40	50.2	55.6	47.7	165.	04.40	55.1	62.2	51.5	201.	07.40	54.3	58.9	49.4
130.	01.45	55.7	64.7	49.3	166.	04.45	53.7	59.8	51.4	202.	07.45	53.6	57.1	51.0
131.	01.50	53.7	62.1	48.7	167.	04.50	55.6	62.0	51.1	203.	07.50	54.8	61.3	50.7
132.	01.55	52.8	56.8	49.0	168.	04.55	51.9	55.3	48.5	204.	07.55	56.9	63.6	51.7
133.	02.00	51.3	55.6	47.5	169.	05.00	53.1	58.6	48.6	205.	08.00	54.9	57.8	51.8
134.	02.05	51.2	55.4	49.1	170.	05.05	53.8	58.7	50.1	206.	08.05	60.0	67.7	52.4
135.	02.10	51.1	53.9	49.1	171.	05.10	53.4	58.4	50.1	207.	08.10	54.4	61.1	48.4
136.	02.15	50.0	54.7	47.3	172.	05.15	54.1	58.4	52.2	208.	08.15	55.0	63.9	51.1
137.	02.20	50.1	55.5	56.9	173.	05.20	54.5	60.0	49.5	209.	08.20	57.6	64.6	52.6
138.	02.25	53.1	61.4	50.0	174.	05.25	52.5	59.6	48.6	210.	08.25	56.4	64.2	52.2
139.	02.30	51.3	56.1	48.7	175.	05.30	52.1	63.4	48.1	211.	08.30	55.8	62.3	52.1
140.	02.35	52.0	55.4	48.6	176.	05.35	53.0	57.9	50.3	212.	08.35	55.9	62.6	50.7
141.	02.40	50.6	54.3	47.3	177.	05.40	53.3	58.4	50.0	213.	08.40	55.1	61.3	50.0
142.	02.45	47.0	53.3	44.3	178.	05.45	52.7	58.8	49.3	214.	08.45	55.6	61.2	52.1
143.	02.50	50.9	54.9	46.6	179.	05.50	52.4	58.1	49.1	215.	08.50	55.7	65.0	51.0
144.	02.55	50.1	53.6	47.3	180.	05.55	56.7	63.0	50.5	216.	08.55	55.7	61.0	52.4



Thai Environmental Technic Limited
บริษัท เทคนิควิเสสสิ่งแวดล้อมไทย จำกัด

(7/3-3)

ชุมชนบ้านเขาน้อย บริเวณทิศใต้ของโครงการ														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		12-13/12/22					12-13/12/22					12-13/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
217.	09.00	55.1	63.8	50.4	241.	11.00	54.5	61.8	50.5	265.	13.00	54.3	60.4	51.2
218.	09.05	52.8	60.4	48.9	242.	11.05	55.2	60.9	52.3	266.	13.05	51.9	59.2	49.1
219.	09.10	54.2	63.4	47.9	243.	11.10	53.4	57.0	51.3	267.	13.10	56.0	62.5	51.7
220.	09.15	55.0	61.1	52.9	244.	11.15	53.1	65.7	49.6	268.	13.15	55.6	62.7	51.5
221.	09.20	55.1	60.5	52.2	245.	11.20	55.9	63.4	50.5	269.	13.20	56.8	69.5	51.0
222.	09.25	55.3	61.2	51.5	246.	11.25	54.2	62.0	50.4	270.	13.25	51.9	55.2	49.7
223.	09.30	54.4	63.0	50.9	247.	11.30	56.2	68.1	52.1	271.	13.30	52.0	55.9	49.4
224.	09.35	57.8	64.3	53.3	248.	11.35	55.2	60.0	51.7	272.	13.35	59.8	67.8	50.5
225.	09.40	57.0	62.9	51.6	249.	11.40	55.1	60.5	51.8	273.	13.40	56.7	65.5	50.9
226.	09.45	56.2	61.5	53.7	250.	11.45	54.9	58.6	51.5	274.	13.45	53.0	56.1	49.5
227.	09.50	54.6	59.4	51.7	251.	11.50	54.6	62.0	50.7	275.	13.50	52.3	59.0	48.2
228.	09.55	56.2	63.7	52.2	252.	11.55	56.7	69.0	51.6	276.	13.55	56.2	64.4	48.6
229.	10.00	55.4	63.5	50.3	253.	12.00	56.4	63.1	51.5	277.	14.00	53.9	64.9	50.3
230.	10.05	54.5	61.5	51.2	254.	12.05	54.6	62.0	50.3	278.	14.05	54.5	64.7	50.8
231.	10.10	57.3	63.8	53.6	255.	12.10	52.3	56.8	50.0	279.	14.10	56.5	64.0	52.3
232.	10.15	58.1	67.7	53.5	256.	12.15	53.1	56.2	49.1	280.	14.15	53.6	61.2	48.9
233.	10.20	54.6	59.8	52.6	257.	12.20	55.6	59.6	52.9	281.	14.20	52.8	56.7	49.2
234.	10.25	54.8	59.9	52.4	258.	12.25	53.9	57.5	52.4	282.	14.25	54.3	56.8	52.1
235.	10.30	54.9	59.9	51.4	259.	12.30	54.8	58.7	51.6	283.	14.30	54.8	61.3	50.5
236.	10.35	55.9	62.5	53.3	260.	12.35	52.8	56.5	50.8	284.	14.35	54.4	61.5	50.3
237.	10.40	55.0	60.0	52.8	261.	12.40	53.6	60.7	49.3	285.	14.40	55.6	68.3	49.8
238.	10.45	56.0	64.5	51.7	262.	12.45	55.4	63.2	52.0	286.	14.45	50.7	54.0	48.5
239.	10.50	57.8	67.9	52.4	263.	12.50	57.9	64.4	53.4	287.	14.50	50.8	54.7	48.2
240.	10.55	56.2	64.0	52.0	264.	12.55	54.4	61.4	49.5	288.	14.55	58.6	66.6	49.3

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager



Thai Environmental Technic Limited

บริษัท เทคนิกลิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ตะวันแดง 1999 จำกัด

Report No. : 3581/2022/8-42

Project : โครงการโรงงานผลิตแอลกอฮอล์และสุรา (ส่วนขยาย ครั้งที่ 1)
(ระยะดำเนินการ)

Report Date : December 19, 2022

Sampling Date : December 6-13, 2022

Address : เลขที่ 88 หมู่ที่ 15 บ้านเขาน้อย ตำบลหนองแซง
อำเภอหันคา จังหวัดชัยนาท

Type of Sample : Sound Level

Job No. : S650153/Dec

(8/1-3)

วัดรางตุ้														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		06-07/12/22					06-07/12/22					06-07/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
1.	14.00	55.1	73.5	47.6	37.	17.00	50.2	64.6	46.1	73.	20.00	53.0	70.5	47.1
2.	14.05	51.8	63.0	47.2	38.	17.05	50.5	63.9	46.3	74.	20.05	51.4	65.4	46.7
3.	14.10	51.9	64.2	48.0	39.	17.10	53.7	74.1	45.9	75.	20.10	62.3	81.1	47.8
4.	14.15	59.5	64.8	57.5	40.	17.15	50.3	63.1	46.0	76.	20.15	65.1	82.7	48.7
5.	14.20	60.0	63.5	58.2	41.	17.20	52.0	63.8	46.7	77.	20.20	51.6	66.1	46.6
6.	14.25	61.9	67.8	58.9	42.	17.25	52.0	68.6	46.4	78.	20.25	54.9	68.3	48.1
7.	14.30	60.4	70.3	58.0	43.	17.30	50.6	63.4	46.9	79.	20.30	54.2	72.3	47.3
8.	14.35	59.4	62.4	56.6	44.	17.35	50.2	65.1	45.1	80.	20.35	52.1	65.2	47.0
9.	14.40	50.4	57.8	47.8	45.	17.40	49.3	69.2	44.2	81.	20.40	57.6	81.8	46.6
10.	14.45	48.6	53.6	47.3	46.	17.45	51.2	63.6	46.1	82.	20.45	49.3	62.3	46.3
11.	14.50	49.7	54.9	47.7	47.	17.50	50.3	68.0	46.3	83.	20.50	60.9	80.8	47.3
12.	14.55	54.5	66.9	50.7	48.	17.55	52.5	67.6	47.7	84.	20.55	52.4	69.8	49.1
13.	15.00	50.2	54.7	48.0	49.	18.00	54.1	67.4	50.5	85.	21.00	52.4	64.0	50.3
14.	15.05	50.7	56.4	47.7	50.	18.05	56.1	72.6	50.9	86.	21.05	54.2	69.6	50.4
15.	15.10	52.2	62.9	48.6	51.	18.10	55.7	67.4	51.2	87.	21.10	51.3	61.4	49.7
16.	15.15	49.3	53.3	48.1	52.	18.15	55.3	72.1	50.4	88.	21.15	54.0	67.6	50.3
17.	15.20	46.6	52.3	47.4	53.	18.20	54.1	69.6	50.9	89.	21.20	52.2	63.8	49.9
18.	15.25	54.0	60.0	48.5	54.	18.25	56.0	70.0	51.4	90.	21.25	51.4	61.9	49.9
19.	15.30	54.6	62.9	49.2	55.	18.30	57.7	74.5	51.0	91.	21.30	53.8	68.2	50.3
20.	15.35	53.2	60.4	48.5	56.	18.35	57.1	90.3	49.6	92.	21.35	52.1	63.8	49.6
21.	15.40	51.7	58.6	48.9	57.	18.40	55.9	65.6	48.3	93.	21.40	52.7	69.7	47.6
22.	15.45	53.3	58.6	47.9	58.	18.45	54.3	73.4	47.5	94.	21.45	51.6	69.7	48.8
23.	15.50	50.1	55.1	48.3	59.	18.50	53.5	72.2	48.7	95.	21.50	51.8	64.3	49.5
24.	15.55	62.3	83.4	45.7	60.	18.55	53.3	69.5	47.8	96.	21.55	51.6	66.5	49.3
25.	16.00	62.6	84.1	48.0	61.	19.00	55.3	79.0	49.0	97.	22.00	51.4	69.5	49.0
26.	16.05	53.8	93.7	52.0	62.	19.05	54.4	71.7	47.5	98.	22.05	55.1	78.0	49.3
27.	16.10	53.3	55.3	48.7	63.	19.10	62.5	79.5	48.2	99.	22.10	52.5	67.2	48.7
28.	16.15	60.6	73.8	48.1	64.	19.15	63.7	86.3	51.9	100.	22.15	50.7	58.6	49.2
29.	16.20	50.6	64.9	45.5	65.	19.20	60.3	80.5	50.0	101.	22.20	49.9	62.2	47.8
30.	16.25	50.9	68.7	45.0	66.	19.25	55.0	70.4	46.9	102.	22.25	52.2	64.0	48.3
31.	16.30	55.9	66.7	46.7	67.	19.30	50.4	64.6	47.0	103.	22.30	54.8	72.9	48.6
32.	16.35	58.0	70.6	50.3	68.	19.35	51.9	64.4	47.9	104.	22.35	54.3	76.8	47.6
33.	16.40	50.4	64.6	46.6	69.	19.40	53.0	72.0	47.7	105.	22.40	49.0	63.7	47.2
34.	16.45	52.5	73.0	46.0	70.	19.45	53.2	70.6	46.7	106.	22.45	50.7	63.5	47.7
35.	16.50	50.8	64.7	46.2	71.	19.50	51.0	65.0	47.1	107.	22.50	50.2	66.4	48.3
36.	16.55	51.5	68.9	45.0	72.	19.55	50.5	62.4	46.8	108.	22.55	50.1	64.3	48.3

**TET**

Thai Environmental Technic Limited

บริษัท เทคนิกลีโงแวลลัอมไทย จำกัถ

(8/2-3)

วัดรางคู่														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		06-07/12/22					06-07/12/22					06-07/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
109.	23.00	49.2	54.3	48.0	145.	02.00	48.1	64.5	46.9	181.	05.00	58.6	67.2	55.0
110.	23.05	49.8	60.1	47.7	146.	02.05	47.9	59.5	46.5	182.	05.05	53.0	58.6	49.6
111.	23.10	50.5	66.0	48.4	147.	02.10	47.5	58.4	46.6	183.	05.10	50.3	57.8	49.0
112.	23.15	54.2	75.8	49.0	148.	02.15	48.1	51.6	47.3	184.	05.15	52.5	70.5	48.7
113.	23.20	49.5	52.3	48.7	149.	02.20	47.9	56.6	46.8	185.	05.20	51.6	58.2	49.6
114.	23.25	49.8	53.9	48.8	150.	02.25	50.4	65.9	47.2	186.	05.25	55.8	62.7	51.6
115.	23.30	50.8	65.5	49.0	151.	02.30	53.3	68.8	46.7	187.	05.30	51.9	56.3	50.6
116.	23.35	49.6	59.0	48.8	152.	02.35	52.9	70.1	46.3	188.	05.35	57.8	68.0	51.2
117.	23.40	50.1	61.0	48.8	153.	02.40	48.8	69.5	46.4	189.	05.40	60.6	67.5	56.7
118.	23.45	51.1	60.7	49.7	154.	02.45	48.0	55.1	46.4	190.	05.45	55.3	61.6	52.8
119.	23.50	49.2	52.3	48.3	155.	02.50	47.5	52.6	46.1	191.	05.50	54.8	67.1	52.2
120.	23.55	49.7	53.3	49.1	156.	02.55	47.7	53.0	46.6	192.	05.55	54.6	66.5	52.0
121.	00.00	50.2	64.3	48.8	157.	03.00	48.5	56.8	47.6	193.	06.00	54.2	67.7	52.2
122.	00.05	49.6	56.1	48.6	158.	03.05	48.5	59.9	47.5	194.	06.05	52.9	65.3	50.9
123.	00.10	49.7	60.6	47.9	159.	03.10	48.8	57.2	47.8	195.	06.10	54.0	65.8	51.5
124.	00.15	54.1	66.7	48.7	160.	03.15	48.7	52.4	47.8	196.	06.15	53.4	62.0	51.0
125.	00.20	57.1	81.7	47.4	161.	03.20	48.8	55.8	47.9	197.	06.20	57.4	68.7	51.3
126.	00.25	51.0	74.2	45.9	162.	03.25	48.6	54.6	47.5	198.	06.25	61.3	71.5	58.7
127.	00.30	48.5	55.8	46.8	163.	03.30	48.3	53.2	47.5	199.	06.30	59.1	68.5	57.3
128.	00.35	49.3	54.9	47.1	164.	03.35	49.0	59.3	47.6	200.	06.35	60.3	77.4	54.9
129.	00.40	49.9	59.2	48.5	165.	03.40	50.0	56.2	47.8	201.	06.40	55.5	66.6	53.0
130.	00.45	49.3	55.1	47.2	166.	03.45	65.3	71.9	56.8	202.	06.45	56.6	66.8	52.1
131.	00.50	48.5	58.6	47.3	167.	03.50	59.4	66.8	52.8	203.	06.50	57.9	78.6	51.8
132.	00.55	47.6	52.4	46.3	168.	03.55	50.9	59.2	48.3	204.	06.55	58.4	73.8	51.1
133.	01.00	48.2	55.0	46.5	169.	04.00	49.0	64.1	47.2	205.	07.00	55.9	70.0	49.5
134.	01.05	49.3	53.1	48.2	170.	04.05	48.8	58.1	47.1	206.	07.05	53.2	65.4	49.2
135.	01.10	49.2	53.5	48.3	171.	04.10	49.3	57.6	47.9	207.	07.10	51.8	63.7	49.7
136.	01.15	48.5	67.1	47.1	172.	04.15	48.3	53.2	47.2	208.	07.15	60.5	73.6	50.0
137.	01.20	49.9	62.9	47.6	173.	04.20	50.8	57.6	47.8	209.	07.20	56.4	68.0	50.1
138.	01.25	48.7	55.6	47.7	174.	04.25	60.3	63.1	55.2	210.	07.25	58.1	77.8	49.4
139.	01.30	49.3	65.4	47.4	175.	04.30	55.5	60.0	52.3	211.	07.30	54.4	72.6	48.9
140.	01.35	48.8	54.0	47.8	176.	04.35	61.4	67.5	54.7	212.	07.35	53.5	66.9	48.6
141.	01.40	48.5	59.1	47.2	177.	04.40	65.8	75.4	62.4	213.	07.40	54.5	70.0	47.5
142.	01.45	49.5	52.6	48.7	178.	04.45	62.9	65.8	60.9	214.	07.45	53.9	69.5	48.5
143.	01.50	49.7	55.6	48.8	179.	04.50	57.9	63.1	55.0	215.	07.50	54.6	71.0	48.2
144.	01.55	50.0	67.0	47.6	180.	04.55	58.6	69.7	51.3	216.	07.55	54.4	66.0	50.0



Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(8/3-3)

วัดรางตุ้														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		06-07/12/22					06-07/12/22					06-07/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
217.	08.00	64.2	85.8	47.9	241.	10.00	48.6	64.2	45.1	265.	12.00	54.0	64.8	49.9
218.	08.05	50.8	67.4	46.1	242.	10.05	48.9	63.0	44.7	266.	12.05	51.6	59.3	49.0
219.	08.10	52.0	66.5	46.8	243.	10.10	50.7	65.1	45.5	267.	12.10	51.4	56.2	49.0
220.	08.15	51.6	67.2	47.2	244.	10.15	51.5	62.7	46.5	268.	12.15	53.3	64.3	50.0
221.	08.20	50.9	75.4	46.6	245.	10.20	52.9	66.2	47.4	269.	12.20	55.1	65.7	49.0
222.	08.25	57.6	72.7	50.3	246.	10.25	52.8	73.9	46.6	270.	12.25	53.2	64.4	48.6
223.	08.30	50.7	64.8	45.6	247.	10.30	59.6	80.1	47.0	271.	12.30	54.9	67.0	47.2
224.	08.35	49.1	62.4	46.5	248.	10.35	56.4	67.9	49.8	272.	12.35	49.1	61.3	47.4
225.	08.40	51.7	64.1	46.5	249.	10.40	53.3	67.9	49.3	273.	12.40	48.3	52.8	46.4
226.	08.45	52.6	72.7	47.4	250.	10.45	49.4	56.3	47.5	274.	12.45	49.4	59.5	47.1
227.	08.50	57.6	73.5	48.6	251.	10.50	48.5	52.8	46.2	275.	12.50	50.6	60.4	47.2
228.	08.55	52.8	72.3	48.9	252.	10.55	51.6	64.6	47.4	276.	12.55	49.5	60.5	46.2
229.	09.00	51.9	68.7	46.8	253.	11.00	47.8	58.6	44.6	277.	13.00	49.7	56.4	46.4
230.	09.05	52.5	65.3	48.1	254.	11.05	49.7	55.4	46.6	278.	13.05	58.7	83.1	50.0
231.	09.10	51.3	62.3	47.7	255.	11.10	52.7	66.4	48.1	279.	13.10	53.0	64.0	46.7
232.	09.15	55.2	73.8	48.0	256.	11.15	52.7	64.1	48.3	280.	13.15	53.6	64.3	47.8
233.	09.20	53.3	68.3	47.5	257.	11.20	52.5	61.7	48.3	281.	13.20	51.3	59.6	47.4
234.	09.25	52.0	64.8	47.6	258.	11.25	51.5	59.8	47.9	282.	13.25	49.7	59.0	46.8
235.	09.30	52.7	65.5	48.2	259.	11.30	52.5	59.8	49.4	283.	13.30	49.7	60.5	47.2
236.	09.35	51.9	67.0	47.8	260.	11.35	51.8	62.4	48.9	284.	13.35	51.2	62.5	46.6
237.	09.40	53.6	66.7	48.1	261.	11.40	53.1	62.2	48.6	285.	13.40	46.7	49.7	45.3
238.	09.45	51.7	71.3	46.8	262.	11.45	54.1	70.0	47.2	286.	13.45	54.8	68.6	46.4
239.	09.50	54.0	81.5	46.8	263.	11.50	50.5	54.6	48.0	287.	13.50	50.4	62.8	46.4
240.	09.55	50.4	65.9	46.3	264.	11.55	52.5	57.0	49.4	288.	13.55	48.6	58.3	46.3

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager



Thai Environmental Technic Limited

บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ตะวันแดง 1999 จำกัด

Report No. : 3581/2022/9-42

Project : โครงการโรงงานผลิตแอลกอฮอล์และสุรา (ส่วนขยาย ครั้งที่ 1)
(ระยะดำเนินการ)

Report Date : December 19, 2022

Sampling Date : December 6-13, 2022

Address : เลขที่ 88 หมู่ที่ 15 บ้านเขาน้อย ตำบลหนองแขง
อำเภอหันคา จังหวัดชัยนาท

Type of Sample : Sound Level

Job No. : S650153/Dec

(9/1-3)

วัดรางคู่														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		07-08/12/22					07-08/12/22					07-08/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
1.	14.00	54.0	65.5	47.0	37.	17.00	60.4	68.5	50.8	73.	20.00	53.9	66.4	48.2
2.	14.05	51.8	60.5	47.5	38.	17.05	51.4	62.4	48.3	74.	20.05	48.6	53.0	46.1
3.	14.10	54.7	67.6	47.7	39.	17.10	51.0	60.5	47.0	75.	20.10	49.8	58.4	47.4
4.	14.15	50.5	60.1	47.8	40.	17.15	49.3	59.1	45.6	76.	20.15	51.5	58.5	46.2
5.	14.20	51.2	68.2	47.8	41.	17.20	50.4	59.0	45.7	77.	20.20	52.2	60.5	47.5
6.	14.25	48.3	60.5	46.8	42.	17.25	50.4	57.2	47.4	78.	20.25	52.6	59.6	47.8
7.	14.30	51.8	67.4	45.9	43.	17.30	49.4	55.5	47.4	79.	20.30	55.6	70.0	48.4
8.	14.35	51.0	69.9	46.6	44.	17.35	52.8	65.6	46.2	80.	20.35	52.6	60.2	49.1
9.	14.40	49.4	54.3	47.1	45.	17.40	51.3	62.7	43.7	81.	20.40	50.6	60.5	47.3
10.	14.45	52.1	58.2	47.3	46.	17.45	46.4	56.5	43.2	82.	20.45	50.3	61.8	46.8
11.	14.50	51.8	61.8	48.7	47.	17.50	48.6	60.9	43.8	83.	20.50	50.2	62.3	47.7
12.	14.55	50.1	60.1	48.1	48.	17.55	49.2	59.2	45.6	84.	20.55	51.3	64.3	46.3
13.	15.00	50.5	53.9	48.4	49.	18.00	51.4	60.0	46.4	85.	21.00	49.9	62.3	45.8
14.	15.05	49.6	55.7	48.1	50.	18.05	50.7	60.1	46.3	86.	21.05	49.7	55.2	47.5
15.	15.10	51.6	61.7	48.5	51.	18.10	49.5	59.2	45.4	87.	21.10	51.1	59.4	47.5
16.	15.15	51.7	58.8	48.8	52.	18.15	51.2	59.7	48.4	88.	21.15	53.0	59.1	49.5
17.	15.20	53.4	64.2	49.0	53.	18.20	51.1	60.7	46.5	89.	21.20	53.9	62.1	47.4
18.	15.25	62.7	78.6	51.7	54.	18.25	56.8	74.8	44.9	90.	21.25	51.8	62.1	47.0
19.	15.30	54.4	62.0	48.5	55.	18.30	50.9	57.9	48.0	91.	21.30	53.0	60.7	49.3
20.	15.35	53.5	66.9	46.5	56.	18.35	53.1	70.5	45.9	92.	21.35	51.5	60.6	47.2
21.	15.40	51.3	56.0	48.3	57.	18.40	48.5	57.7	45.8	93.	21.40	54.4	58.6	49.4
22.	15.45	50.6	61.7	44.4	58.	18.45	47.9	54.3	45.5	94.	21.45	50.7	59.4	46.0
23.	15.50	47.7	54.8	43.7	59.	18.50	47.8	57.2	45.1	95.	21.50	46.7	52.2	44.1
24.	15.55	49.0	53.6	47.3	60.	18.55	52.8	66.7	44.4	96.	21.55	50.2	63.3	47.3
25.	16.00	53.5	64.6	49.0	61.	19.00	54.4	67.8	45.8	97.	22.00	49.7	55.2	47.2
26.	16.05	52.0	60.5	48.7	62.	19.05	52.6	72.9	44.1	98.	22.05	50.6	55.5	48.0
27.	16.10	48.7	56.2	45.4	63.	19.10	47.2	52.5	45.2	99.	22.10	49.2	53.5	46.1
28.	16.15	53.3	62.3	50.0	64.	19.15	49.6	60.6	45.6	100.	22.15	52.7	61.6	48.7
29.	16.20	50.6	59.2	46.0	65.	19.20	49.4	63.2	45.3	101.	22.20	50.1	60.0	46.3
30.	16.25	49.6	53.1	45.9	66.	19.25	51.2	61.2	45.9	102.	22.25	51.6	60.8	47.6
31.	16.30	51.4	68.7	46.3	67.	19.30	48.4	54.5	45.4	103.	22.30	50.9	63.1	44.1
32.	16.35	53.4	66.6	45.4	68.	19.35	47.6	52.3	46.2	104.	22.35	51.5	63.2	45.3
33.	16.40	51.4	62.1	47.3	69.	19.40	50.3	61.5	44.0	105.	22.40	48.5	59.8	46.5
34.	16.45	52.7	65.0	48.4	70.	19.45	55.1	71.4	47.5	106.	22.45	48.2	59.7	45.4
35.	16.50	59.3	76.2	48.3	71.	19.50	53.1	61.0	48.7	107.	22.50	44.3	55.1	42.7
36.	16.55	57.7	67.3	51.4	72.	19.55	49.8	58.9	47.6	108.	22.55	48.1	53.5	45.6



Thai Environmental Technic Limited
บริษัท เทคนิกสิ่งแวดล้อมไทย จำกัด

(9/2.3)

วัดรางตุ๋														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		07-08/12/22					07-08/12/22					07-08/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
109.	23.00	54.5	70.4	45.3	145.	02.00	52.4	64.9	46.8	181.	05.00	50.9	59.1	45.7
110.	23.05	50.3	61.0	46.1	146.	02.05	51.3	59.4	47.1	182.	05.05	51.3	66.3	48.0
111.	23.10	49.4	56.4	46.1	147.	02.10	53.3	65.2	46.4	183.	05.10	61.1	77.4	47.2
112.	23.15	49.2	58.4	45.8	148.	02.15	51.2	59.4	46.8	184.	05.15	53.7	60.3	49.2
113.	23.20	52.9	61.5	47.9	149.	02.20	50.4	55.4	47.3	185.	05.20	49.1	57.0	46.7
114.	23.25	55.8	68.2	44.5	150.	02.25	46.6	56.2	44.0	186.	05.25	52.4	61.6	47.8
115.	23.30	51.4	61.3	47.1	151.	02.30	48.9	56.1	45.4	187.	05.30	53.9	64.5	48.9
116.	23.35	55.0	63.4	47.4	152.	02.35	48.5	52.7	46.2	188.	05.35	56.9	75.7	49.5
117.	23.40	53.1	64.8	46.9	153.	02.40	53.8	53.1	47.6	189.	05.40	55.8	66.7	47.7
118.	23.45	49.9	57.4	46.5	154.	02.45	52.8	65.6	47.6	190.	05.45	56.4	71.1	49.5
119.	23.50	50.6	62.3	46.8	155.	02.50	51.4	58.4	47.4	191.	05.50	51.9	56.2	50.0
120.	23.55	51.6	61.4	47.2	156.	02.55	47.2	51.4	45.8	192.	05.55	54.1	69.6	47.2
121.	00.00	50.5	63.1	45.4	157.	03.00	49.2	51.9	47.2	193.	06.00	55.1	69.9	48.0
122.	00.05	53.4	68.5	47.1	158.	03.05	49.2	59.1	45.4	194.	06.05	51.7	65.6	47.6
123.	00.10	50.3	68.7	42.9	159.	03.10	52.9	66.3	47.5	195.	06.10	55.3	66.3	49.3
124.	00.15	48.0	53.6	44.7	160.	03.15	54.5	69.6	48.1	196.	06.15	52.0	61.4	47.4
125.	00.20	49.5	54.7	47.5	161.	03.20	49.6	53.5	47.4	197.	06.20	51.6	61.6	47.2
126.	00.25	49.8	53.8	47.9	162.	03.25	49.7	53.7	47.6	198.	06.25	51.6	62.5	47.1
127.	00.30	49.4	53.4	45.9	163.	03.30	50.2	56.0	47.7	199.	06.30	50.4	60.8	47.6
128.	00.35	52.6	66.1	46.0	164.	03.35	53.2	67.6	47.8	200.	06.35	51.4	60.6	48.5
129.	00.40	45.3	49.3	43.3	165.	03.40	50.0	56.7	46.6	201.	06.40	60.9	74.6	51.3
130.	00.45	50.6	55.4	47.6	166.	03.45	50.5	60.2	46.6	202.	06.45	51.1	63.2	48.0
131.	00.50	48.9	52.5	46.4	167.	03.50	48.1	54.6	45.6	203.	06.50	49.8	61.4	46.5
132.	00.55	59.4	70.8	48.6	168.	03.55	52.8	61.8	48.3	204.	06.55	53.2	62.4	49.0
133.	01.00	54.9	65.4	48.2	169.	04.00	49.6	55.9	47.6	205.	07.00	53.0	63.6	48.0
134.	01.05	50.2	56.9	47.0	170.	04.05	48.3	60.6	44.3	206.	07.05	54.7	69.0	47.6
135.	01.10	52.2	67.6	46.4	171.	04.10	53.4	67.3	45.9	207.	07.10	50.5	58.7	48.1
136.	01.15	51.4	60.2	47.8	172.	04.15	51.1	59.7	47.0	208.	07.15	53.6	65.5	47.8
137.	01.20	53.9	68.1	44.6	173.	04.20	51.8	61.3	45.6	209.	07.20	52.5	69.8	48.3
138.	01.25	63.4	77.5	46.6	174.	04.25	53.2	62.1	48.3	210.	07.25	49.8	60.1	47.3
139.	01.30	50.7	59.9	45.6	175.	04.30	51.9	61.7	48.2	211.	07.30	56.3	71.0	47.7
140.	01.35	50.6	63.6	46.8	176.	04.35	52.1	61.1	47.6	212.	07.35	56.5	69.5	48.8
141.	01.40	47.1	55.2	45.2	177.	04.40	55.5	67.6	49.2	213.	07.40	53.9	69.9	48.9
142.	01.45	47.4	53.3	44.6	178.	04.45	58.5	73.2	54.6	214.	07.45	56.1	75.2	47.5
143.	01.50	49.2	53.7	47.6	179.	04.50	52.8	60.2	48.0	215.	07.50	55.8	73.8	49.4
144.	01.55	51.2	66.7	45.5	180.	04.55	53.4	69.2	46.6	216.	07.55	55.3	61.6	51.7



Thai Environmental Technic Limited
บริษัท เทคนิกลิ่งแวดล้อมไทย จำกัด

(9/3-3)

วัดรางตุ้														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		07-08/12/22					07-08/12/22					07-08/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
217.	08.00	52.7	60.3	49.5	241.	10.00	50.6	62.0	48.7	265.	12.00	53.5	65.5	47.9
218.	08.05	55.6	66.8	51.1	242.	10.05	50.1	53.2	48.5	266.	12.05	52.3	58.1	49.3
219.	08.10	55.8	64.2	51.8	243.	10.10	60.7	74.5	50.1	267.	12.10	53.2	68.8	48.3
220.	08.15	50.7	61.1	48.3	244.	10.15	51.7	54.6	50.3	268.	12.15	50.4	60.6	45.5
221.	08.20	50.4	56.3	46.5	245.	10.20	52.8	60.2	49.4	269.	12.20	54.1	63.6	50.7
222.	08.25	52.9	60.7	50.5	246.	10.25	53.6	65.6	49.2	270.	12.25	51.1	60.7	47.0
223.	08.30	52.3	60.0	49.8	247.	10.30	56.8	72.7	50.6	271.	12.30	55.3	68.9	49.8
224.	08.35	53.3	59.5	50.3	248.	10.35	53.9	64.5	50.6	272.	12.35	51.8	58.2	48.9
225.	08.40	51.7	56.5	49.3	249.	10.40	51.4	59.7	49.0	273.	12.40	53.7	66.1	49.4
226.	08.45	51.6	57.5	48.6	250.	10.45	55.4	66.5	50.1	274.	12.45	56.8	72.3	50.2
227.	08.50	50.7	55.6	48.5	251.	10.50	54.2	64.5	51.0	275.	12.50	57.9	67.1	52.1
228.	08.55	51.6	64.7	48.9	252.	10.55	55.1	67.7	50.0	276.	12.55	54.0	60.5	50.9
229.	09.00	60.4	74.6	50.5	253.	11.00	51.6	61.0	48.6	277.	13.00	54.0	66.8	48.6
230.	09.05	53.8	61.2	50.1	254.	11.05	56.6	70.6	49.6	278.	13.05	52.9	59.7	49.7
231.	09.10	52.2	57.9	49.9	255.	11.10	50.6	57.1	48.2	279.	13.10	53.8	68.0	48.4
232.	09.15	51.4	63.6	47.5	256.	11.15	52.3	64.1	49.0	280.	13.15	58.0	77.2	48.3
233.	09.20	51.0	55.6	46.9	257.	11.20	62.0	79.1	48.9	281.	13.20	59.1	70.6	51.2
234.	09.25	53.6	62.4	50.0	258.	11.25	50.3	54.8	48.0	282.	13.25	56.9	70.2	49.1
235.	09.30	52.6	61.6	51.1	259.	11.30	49.4	58.5	47.2	283.	13.30	60.5	79.0	50.1
236.	09.35	53.9	57.8	50.7	260.	11.35	49.9	59.4	47.9	284.	13.35	58.3	72.8	48.6
237.	09.40	51.9	56.9	49.7	261.	11.40	50.4	57.8	48.3	285.	13.40	56.6	74.1	48.7
238.	09.45	52.5	64.5	48.0	262.	11.45	51.5	61.0	48.8	286.	13.45	58.9	76.0	50.8
239.	09.50	51.0	54.0	49.4	263.	11.50	52.6	63.0	48.3	287.	13.50	60.8	75.0	50.1
240.	09.55	52.9	56.7	50.8	264.	11.55	50.8	56.9	48.4	288.	13.55	61.4	82.0	51.6

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager



Thai Environmental Technic Limited

บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ตะวันแดง 1999 จำกัด

Report No. : 3581/2022/10-42

Project : โครงการโรงงานผลิตแอลกอฮอล์และสุรา (ส่วนขยาย ครั้งที่ 1)
(ระยะดำเนินการ)

Report Date : December 19, 2022

Sampling Date : December 6-13, 2022

Address : เลขที่ 88 หมู่ที่ 15 บ้านเขาน้อย ตำบลหนองแซง
อำเภอหันคา จังหวัดชัยนาท

Type of Sample : Sound Level

Job No. : S650153/Dec

(10/1-3)

วัดรางคู่														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		08-09/12/22					08-09/12/22					08-09/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
1.	14.00	58.6	75.4	52.3	37.	17.00	50.9	59.8	47.0	73.	20.00	50.9	59.2	47.5
2.	14.05	63.4	81.7	53.7	38.	17.05	53.9	62.8	48.6	74.	20.05	48.6	53.5	47.2
3.	14.10	63.6	84.8	54.4	39.	17.10	53.0	64.3	48.0	75.	20.10	52.0	65.0	48.2
4.	14.15	63.9	76.7	55.6	40.	17.15	54.5	63.1	49.1	76.	20.15	52.2	65.2	48.0
5.	14.20	55.6	62.6	51.3	41.	17.20	59.3	80.3	50.3	77.	20.20	49.7	53.2	48.1
6.	14.25	56.7	69.2	51.6	42.	17.25	56.3	68.1	48.9	78.	20.25	51.1	57.2	48.9
7.	14.30	58.8	73.7	51.0	43.	17.30	60.1	80.8	49.4	79.	20.30	50.2	55.5	47.6
8.	14.35	56.7	84.8	49.0	44.	17.35	54.9	67.4	49.1	80.	20.35	49.3	54.6	47.1
9.	14.40	56.8	76.4	49.3	45.	17.40	62.1	78.4	49.2	81.	20.40	50.5	57.7	47.7
10.	14.45	52.3	64.6	48.1	46.	17.45	60.6	89.9	48.2	82.	20.45	50.0	55.8	47.2
11.	14.50	49.7	64.4	47.2	47.	17.50	64.5	86.2	49.7	83.	20.50	48.3	51.9	46.7
12.	14.55	50.7	61.0	48.6	48.	17.55	60.5	79.9	50.1	84.	20.55	49.6	53.0	47.0
13.	15.00	50.3	57.3	48.0	49.	18.00	59.6	72.3	50.9	85.	21.00	51.2	58.6	49.1
14.	15.05	51.5	64.5	45.8	50.	18.05	56.6	70.8	51.6	86.	21.05	49.3	54.0	47.7
15.	15.10	59.3	78.1	50.4	51.	18.10	51.8	63.0	47.5	87.	21.10	49.1	52.9	48.0
16.	15.15	65.2	79.8	48.2	52.	18.15	48.6	54.2	46.7	88.	21.15	50.4	56.0	49.0
17.	15.20	66.1	87.2	50.6	53.	18.20	52.3	58.9	48.6	89.	21.20	50.5	54.4	48.6
18.	15.25	55.1	67.6	48.7	54.	18.25	53.3	67.7	48.9	90.	21.25	51.1	55.2	49.9
19.	15.30	58.6	72.4	51.3	55.	18.30	50.1	62.5	48.2	91.	21.30	52.5	63.0	50.6
20.	15.35	55.5	68.7	50.0	56.	18.35	51.0	59.7	48.1	92.	21.35	52.4	61.1	50.9
21.	15.40	55.7	63.9	50.2	57.	18.40	59.5	76.7	48.0	93.	21.40	52.5	58.5	51.4
22.	15.45	56.0	63.6	51.4	58.	18.45	53.8	67.6	47.8	94.	21.45	55.0	62.6	51.5
23.	15.50	55.9	64.1	52.5	59.	18.50	55.9	71.8	49.2	95.	21.50	52.3	54.6	51.4
24.	15.55	57.1	67.4	52.4	60.	18.55	55.8	71.4	48.8	96.	21.55	51.8	56.4	50.7
25.	16.00	55.6	63.0	52.3	61.	19.00	56.3	70.3	49.7	97.	22.00	51.9	57.5	50.5
26.	16.05	56.6	66.0	51.5	62.	19.05	53.7	61.9	50.3	98.	22.05	51.0	54.5	50.2
27.	16.10	55.8	64.7	49.6	63.	19.10	59.2	72.4	50.6	99.	22.10	52.9	63.9	50.8
28.	16.15	53.6	60.6	48.8	64.	19.15	54.0	67.4	49.9	100.	22.15	53.1	66.3	53.9
29.	16.20	53.5	57.2	52.1	65.	19.20	54.0	60.0	51.3	101.	22.20	55.4	67.9	51.1
30.	16.25	53.9	59.5	51.7	66.	19.25	52.8	58.1	49.4	102.	22.25	54.2	61.3	51.2
31.	16.30	52.1	61.1	48.5	67.	19.30	53.9	65.0	48.8	103.	22.30	54.8	64.4	51.1
32.	16.35	51.3	63.0	48.4	68.	19.35	58.3	70.0	49.2	104.	22.35	55.0	61.8	52.3
33.	16.40	53.7	62.0	48.5	69.	19.40	54.1	59.6	49.5	105.	22.40	55.4	63.2	51.3
34.	16.45	52.7	63.8	47.8	70.	19.45	54.7	68.2	48.8	106.	22.45	55.8	65.0	50.9
35.	16.50	54.2	66.5	48.7	71.	19.50	49.2	56.6	46.9	107.	22.50	56.6	67.4	51.5
36.	16.55	55.3	66.1	49.6	72.	19.55	51.8	65.2	47.8	108.	22.55	56.3	64.9	51.0

**TET**

Thai Environmental Technic Limited

บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(10/2-3)

วัดรางคู่														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		08-09/12/22					08-09/12/22					08-09/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
109.	23.00	61.5	77.9	52.9	145.	02.00	51.2	52.8	50.2	181.	05.00	50.1	52.6	49.2
110.	23.05	54.3	61.6	51.3	146.	02.05	51.6	63.0	48.8	182.	05.05	50.2	51.6	49.3
111.	23.10	54.1	61.4	51.4	147.	02.10	53.7	66.9	48.2	183.	05.10	50.5	53.8	49.3
112.	23.15	53.8	61.5	51.4	148.	02.15	51.1	69.8	47.8	184.	05.15	50.3	53.5	49.4
113.	23.20	51.8	53.2	50.9	149.	02.20	49.7	54.5	48.6	185.	05.20	50.6	52.6	49.7
114.	23.25	51.5	54.2	50.6	150.	02.25	49.3	51.0	48.3	186.	05.25	51.4	55.6	50.0
115.	23.30	53.2	64.0	50.8	151.	02.30	50.1	51.9	49.2	187.	05.30	50.5	53.2	49.3
116.	23.35	52.3	57.8	51.1	152.	02.35	49.4	51.8	48.6	188.	05.35	51.9	56.9	49.3
117.	23.40	51.9	55.6	50.9	153.	02.40	50.1	56.2	48.6	189.	05.40	53.1	66.6	49.5
118.	23.45	51.7	53.2	50.9	154.	02.45	52.3	63.0	49.3	190.	05.45	50.4	54.3	49.3
119.	23.50	52.5	63.7	50.5	155.	02.50	50.3	52.6	49.6	191.	05.50	52.5	64.8	49.3
120.	23.55	52.1	53.7	50.9	156.	02.55	50.4	56.9	49.0	192.	05.55	54.7	64.7	49.3
121.	00.00	53.2	63.3	50.7	157.	03.00	52.9	65.1	49.6	193.	06.00	53.8	64.7	49.5
122.	00.05	51.0	56.5	50.1	158.	03.05	58.5	73.2	50.1	194.	06.05	50.3	63.9	48.7
123.	00.10	51.4	53.2	50.7	159.	03.10	50.1	52.1	49.3	195.	06.10	54.6	66.5	49.2
124.	00.15	51.6	52.9	50.6	160.	03.15	50.4	51.8	49.7	196.	06.15	51.4	64.0	48.1
125.	00.20	52.3	54.7	51.4	161.	03.20	49.8	51.1	49.1	197.	06.20	49.7	60.2	47.5
126.	00.25	51.4	52.8	50.7	162.	03.25	49.8	53.2	48.7	198.	06.25	48.7	50.8	47.4
127.	00.30	51.4	53.1	50.5	163.	03.30	50.4	52.8	49.7	199.	06.30	51.2	61.5	48.2
128.	00.35	55.3	72.3	51.4	164.	03.35	51.0	53.5	49.9	200.	06.35	56.6	64.8	49.6
129.	00.40	52.6	65.4	50.9	165.	03.40	50.4	52.6	49.4	201.	06.40	50.2	52.2	49.3
130.	00.45	53.0	64.8	50.7	166.	03.45	50.5	53.1	49.5	202.	06.45	50.4	52.6	49.2
131.	00.50	51.1	54.2	50.0	167.	03.50	49.6	51.0	48.8	203.	06.50	50.7	56.9	49.3
132.	00.55	52.4	55.1	50.9	168.	03.55	50.0	53.0	49.1	204.	06.55	53.8	68.4	49.0
133.	01.00	53.0	65.1	50.6	169.	04.00	50.5	51.8	49.8	205.	07.00	49.3	51.3	48.1
134.	01.05	51.2	52.7	50.3	170.	04.05	56.0	70.0	50.3	206.	07.05	49.6	52.1	48.4
135.	01.10	51.9	53.3	51.1	171.	04.10	51.1	53.8	49.8	207.	07.10	50.0	56.0	48.5
136.	01.15	57.4	68.2	51.5	172.	04.15	49.9	52.0	48.9	208.	07.15	52.1	65.6	48.8
137.	01.20	53.3	58.9	51.9	173.	04.20	50.2	54.9	49.0	209.	07.20	56.0	65.5	49.3
138.	01.25	53.9	66.0	50.9	174.	04.25	51.8	66.7	47.6	210.	07.25	61.1	77.6	48.6
139.	01.30	51.9	56.6	51.1	175.	04.30	49.4	52.1	48.5	211.	07.30	49.7	54.7	48.5
140.	01.35	51.8	55.7	50.9	176.	04.35	50.2	52.3	49.3	212.	07.35	54.2	66.0	48.6
141.	01.40	51.8	53.1	50.8	177.	04.40	50.0	52.7	49.3	213.	07.40	54.0	66.0	47.9
142.	01.45	52.5	53.3	51.6	178.	04.45	51.1	55.5	49.2	214.	07.45	55.5	64.6	48.2
143.	01.50	51.4	52.9	50.4	179.	04.50	51.3	53.2	50.2	215.	07.50	49.9	59.4	48.3
144.	01.55	56.2	68.4	51.0	180.	04.55	50.2	52.2	49.3	216.	07.55	50.2	58.7	48.6



Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(10/3-3)

วัดรางตุ้														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		08-09/12/22					08-09/12/22					08-09/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
217.	08.00	50.5	59.0	48.9	241.	10.00	51.8	54.5	50.3	265.	12.00	51.0	60.0	49.2
218.	08.05	54.3	70.2	48.8	242.	10.05	50.2	53.4	49.2	266.	12.05	49.8	50.9	49.0
219.	08.10	54.6	65.4	48.9	243.	10.10	49.7	52.6	48.9	267.	12.10	49.2	51.9	48.3
220.	08.15	55.2	65.4	48.1	244.	10.15	49.6	51.5	48.5	268.	12.15	50.6	54.9	49.5
221.	08.20	52.1	64.7	47.8	245.	10.20	48.5	51.0	47.4	269.	12.20	50.4	52.0	49.8
222.	08.25	49.4	59.1	47.9	246.	10.25	48.6	53.8	47.4	270.	12.25	50.7	53.9	49.4
223.	08.30	49.3	51.9	48.1	247.	10.30	49.0	51.6	47.6	271.	12.30	50.3	55.0	49.6
224.	08.35	49.1	50.5	47.9	248.	10.35	48.5	51.9	47.2	272.	12.35	50.3	51.7	49.5
225.	08.40	51.1	54.5	48.8	249.	10.40	49.3	51.6	48.4	273.	12.40	51.1	54.2	49.6
226.	08.45	50.3	57.1	49.1	250.	10.45	48.6	50.5	47.7	274.	12.45	50.4	52.3	49.7
227.	08.50	49.9	52.1	49.0	251.	10.50	49.6	54.7	48.4	275.	12.50	52.8	66.8	49.2
228.	08.55	49.1	52.5	47.7	252.	10.55	49.0	50.9	48.1	276.	12.55	53.1	66.9	49.4
229.	09.00	49.7	52.9	48.4	253.	11.00	49.5	51.0	48.7	277.	13.00	53.0	66.6	49.8
230.	09.05	49.6	55.4	47.8	254.	11.05	49.2	50.7	48.4	278.	13.05	51.0	54.7	49.9
231.	09.10	48.7	50.7	47.3	255.	11.10	52.1	67.3	48.2	279.	13.10	51.7	56.5	50.5
232.	09.15	48.5	50.7	47.1	256.	11.15	54.0	63.6	48.9	280.	13.15	51.1	53.4	50.4
233.	09.20	48.5	57.7	46.7	257.	11.20	53.2	64.0	49.4	281.	13.20	54.1	65.6	49.9
234.	09.25	49.0	54.7	47.4	258.	11.25	52.7	62.7	49.0	282.	13.25	53.5	64.2	50.2
235.	09.30	48.7	51.5	47.5	259.	11.30	55.1	66.7	47.7	283.	13.30	51.1	52.2	50.4
236.	09.35	49.0	52.0	46.9	260.	11.35	51.8	64.4	47.9	284.	13.35	50.5	51.6	49.7
237.	09.40	50.0	51.6	49.1	261.	11.40	49.9	52.8	48.9	285.	13.40	50.3	52.6	49.7
238.	09.45	50.0	52.1	49.2	262.	11.45	49.4	51.1	48.6	286.	13.45	50.2	51.3	49.6
239.	09.50	50.7	53.1	49.9	263.	11.50	50.1	59.4	48.2	287.	13.50	51.3	62.9	50.0
240.	09.55	51.4	55.7	50.1	264.	11.55	52.8	64.9	48.9	288.	13.55	51.4	52.8	50.5

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager



Thai Environmental Technic Limited

บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ตะวันแดง 1999 จำกัด

Report No. : 3581/2022/11-42

Project : โครงการโรงงานผลิตแอลกอฮอล์และสุรา (ส่วนขยาย ครั้งที่ 1)
(ระยะดำเนินการ)

Report Date : December 19, 2022

Sampling Date : December 6-13, 2022

Address : เลขที่ 88 หมู่ที่ 15 บ้านเขาน้อย ตำบลหนองแขง
อำเภอหันคา จังหวัดชัยนาท

Type of Sample : Sound Level

Job No. : S650153/Dec

(11/1-3)

วัดรางตุ้														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		09-10/12/22					09-10/12/22					09-10/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
1.	14.00	52.3	60.7	50.9	37.	17.00	50.4	52.3	49.7	73.	20.00	52.3	60.1	49.5
2.	14.05	51.3	53.5	50.7	38.	17.05	52.1	60.9	50.5	74.	20.05	50.9	56.9	49.5
3.	14.10	52.1	54.0	50.2	39.	17.10	51.2	53.1	50.3	75.	20.10	50.0	52.8	49.3
4.	14.15	50.2	57.2	49.2	40.	17.15	50.4	53.0	49.7	76.	20.15	50.5	63.8	49.3
5.	14.20	50.0	51.8	49.3	41.	17.20	50.2	51.5	49.5	77.	20.20	49.5	51.1	48.8
6.	14.25	49.8	50.9	49.2	42.	17.25	51.3	54.4	49.7	78.	20.25	49.9	52.9	48.7
7.	14.30	51.4	62.5	49.1	43.	17.30	50.4	51.8	49.7	79.	20.30	49.9	52.6	48.8
8.	14.35	49.4	50.7	48.9	44.	17.35	50.8	52.9	50.1	80.	20.35	50.5	53.0	49.5
9.	14.40	48.7	50.1	48.2	45.	17.40	50.7	52.5	49.9	81.	20.40	50.0	52.3	49.0
10.	14.45	49.1	53.7	48.2	46.	17.45	50.6	52.8	49.9	82.	20.45	50.4	53.5	49.2
11.	14.50	48.8	50.4	48.0	47.	17.50	51.3	52.9	50.4	83.	20.50	50.7	56.6	49.7
12.	14.55	49.1	58.0	48.3	48.	17.55	51.6	53.2	50.8	84.	20.55	50.8	53.1	49.7
13.	15.00	49.3	51.9	48.1	49.	18.00	51.9	54.1	50.7	85.	21.00	50.5	53.2	49.6
14.	15.05	50.0	52.3	48.3	50.	18.05	51.7	53.3	50.8	86.	21.05	54.0	65.4	49.5
15.	15.10	51.3	65.2	48.1	51.	18.10	51.2	54.2	50.6	87.	21.10	49.3	50.8	48.7
16.	15.15	49.8	54.0	48.7	52.	18.15	51.3	52.8	50.5	88.	21.15	51.0	54.4	49.2
17.	15.20	60.6	75.0	48.6	53.	18.20	51.3	53.6	50.1	89.	21.20	50.6	54.9	49.5
18.	15.25	48.8	50.3	48.3	54.	18.25	51.0	54.1	50.3	90.	21.25	50.3	53.4	49.2
19.	15.30	49.4	51.8	48.8	55.	18.30	50.8	51.9	50.3	91.	21.30	49.8	52.5	48.7
20.	15.35	53.2	67.2	48.3	56.	18.35	51.0	57.7	50.0	92.	21.35	50.0	53.1	48.9
21.	15.40	51.2	63.0	47.5	57.	18.40	50.3	52.4	49.5	93.	21.40	49.8	52.5	48.8
22.	15.45	50.0	59.9	48.1	58.	18.45	50.7	53.3	49.8	94.	21.45	49.8	53.2	48.6
23.	15.50	53.8	63.3	48.7	59.	18.50	50.7	52.4	50.1	95.	21.50	49.9	55.5	48.6
24.	15.55	49.7	62.7	48.2	60.	18.55	50.3	51.0	49.7	96.	21.55	49.8	53.4	48.6
25.	16.00	49.6	52.0	49.0	61.	19.00	51.3	53.4	50.5	97.	22.00	50.3	53.5	49.1
26.	16.05	51.1	53.4	49.9	62.	19.05	50.8	52.3	50.2	98.	22.05	49.9	52.8	48.9
27.	16.10	50.1	53.4	49.1	63.	19.10	51.1	53.8	50.1	99.	22.10	50.4	52.5	49.8
28.	16.15	49.3	51.2	48.6	64.	19.15	49.4	52.7	47.9	100.	22.15	50.7	53.3	49.9
29.	16.20	47.8	49.3	47.1	65.	19.20	50.6	53.3	48.8	101.	22.20	52.6	55.1	50.5
30.	16.25	48.9	54.4	47.5	66.	19.25	50.8	52.4	50.2	102.	22.25	50.3	59.6	47.9
31.	16.30	52.6	62.1	49.7	67.	19.30	50.8	52.1	50.3	103.	22.30	48.9	52.5	46.7
32.	16.35	51.4	62.4	50.3	68.	19.35	50.6	55.5	50.0	104.	22.35	49.3	55.9	47.3
33.	16.40	50.4	52.9	49.8	69.	19.40	50.7	52.3	50.2	105.	22.40	48.1	55.3	47.0
34.	16.45	49.8	52.7	49.1	70.	19.45	50.3	52.6	49.8	106.	22.45	48.5	52.1	47.3
35.	16.50	50.0	52.7	49.5	71.	19.50	53.6	66.1	50.1	107.	22.50	48.7	51.1	47.8
36.	16.55	50.7	52.1	49.9	72.	19.55	57.3	68.0	49.8	108.	22.55	50.8	53.5	49.1



Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(11/2-3)

วัดรางตุ														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		09-10/12/22					09-10/12/22					09-10/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
109.	23.00	48.9	52.1	47.8	145.	02.00	47.4	49.7	46.6	181.	05.00	48.8	57.2	46.9
110.	23.05	49.5	51.5	48.6	146.	02.05	48.3	50.9	47.3	182.	05.05	50.4	61.3	46.6
111.	23.10	50.1	53.0	49.0	147.	02.10	48.3	50.9	47.5	183.	05.10	47.5	53.7	46.2
112.	23.15	49.2	53.7	48.1	148.	02.15	47.8	51.8	47.2	184.	05.15	47.8	54.4	46.3
113.	23.20	49.8	64.4	48.5	149.	02.20	47.8	51.9	46.9	185.	05.20	48.4	54.4	47.0
114.	23.25	49.2	54.5	48.5	150.	02.25	47.5	49.1	46.7	186.	05.25	48.0	52.5	46.8
115.	23.30	50.2	65.7	48.2	151.	02.30	48.7	51.5	47.5	187.	05.30	49.2	61.4	47.3
116.	23.35	49.3	54.5	48.4	152.	02.35	48.7	56.0	47.5	188.	05.35	50.8	61.5	48.0
117.	23.40	49.1	51.1	48.5	153.	02.40	49.1	58.2	47.9	189.	05.40	48.6	57.4	46.7
118.	23.45	49.1	52.3	48.2	154.	02.45	49.0	54.4	47.9	190.	05.45	47.5	54.1	45.7
119.	23.50	48.6	52.7	47.6	155.	02.50	48.3	49.6	47.6	191.	05.50	49.2	56.9	47.3
120.	23.55	49.0	52.3	48.1	156.	02.55	48.6	50.5	47.7	192.	05.55	54.9	71.3	47.3
121.	00.00	49.0	51.8	48.1	157.	03.00	48.7	50.8	47.8	193.	06.00	49.3	57.9	47.6
122.	00.05	49.2	52.1	48.1	158.	03.05	47.7	49.8	47.2	194.	06.05	49.9	55.6	47.8
123.	00.10	48.9	53.2	47.7	159.	03.10	47.9	51.0	47.1	195.	06.10	52.8	64.6	46.6
124.	00.15	48.8	52.9	47.3	160.	03.15	48.5	52.3	47.4	196.	06.15	48.8	56.2	46.6
125.	00.20	49.4	52.9	47.7	161.	03.20	49.6	53.2	48.0	197.	06.20	49.4	54.2	47.3
126.	00.25	49.4	53.6	48.1	162.	03.25	49.2	51.6	48.3	198.	06.25	49.0	54.5	46.9
127.	00.30	49.3	50.8	48.3	163.	03.30	50.3	54.6	48.9	199.	06.30	52.8	66.3	46.5
128.	00.35	48.2	54.5	47.5	164.	03.35	48.5	50.9	47.8	200.	06.35	49.9	55.3	47.8
129.	00.40	48.5	50.9	47.7	165.	03.40	49.8	53.3	48.8	201.	06.40	47.9	52.9	46.4
130.	00.45	48.7	49.4	47.6	166.	03.45	48.8	52.1	47.7	202.	06.45	52.5	60.1	48.1
131.	00.50	51.3	63.0	48.2	167.	03.50	46.6	50.5	47.8	203.	06.50	53.1	64.2	46.8
132.	00.55	51.5	65.4	47.9	168.	03.55	48.3	50.1	47.9	204.	06.55	51.4	63.2	47.4
133.	01.00	49.0	51.8	47.8	169.	04.00	48.7	50.5	47.9	205.	07.00	51.6	62.3	46.1
134.	01.05	48.0	50.4	46.9	170.	04.05	50.7	62.0	46.8	206.	07.05	51.8	61.4	46.6
135.	01.10	47.9	50.7	47.1	171.	04.10	50.5	60.8	47.2	207.	07.10	55.4	68.4	47.5
136.	01.15	50.1	61.0	47.1	172.	04.15	48.2	56.4	46.6	208.	07.15	52.3	65.0	46.8
137.	01.20	48.0	49.8	47.2	173.	04.20	46.3	57.1	46.5	209.	07.20	55.4	69.9	48.5
138.	01.25	49.4	53.0	47.7	174.	04.25	48.8	56.2	47.0	210.	07.25	56.4	72.1	48.4
139.	01.30	47.8	49.8	46.7	175.	04.30	50.0	56.3	47.3	211.	07.30	54.5	69.2	47.9
140.	01.35	48.6	52.3	47.5	176.	04.35	46.2	51.0	47.0	212.	07.35	49.1	54.7	47.3
141.	01.40	49.2	51.0	48.1	177.	04.40	50.0	61.6	47.1	213.	07.40	49.8	55.4	48.2
142.	01.45	49.4	51.4	48.7	178.	04.45	52.1	63.5	46.9	214.	07.45	52.0	64.4	46.9
143.	01.50	49.0	50.4	48.3	179.	04.50	49.1	60.9	46.7	215.	07.50	49.3	54.3	47.8
144.	01.55	48.1	50.5	46.5	180.	04.55	52.1	65.7	47.1	216.	07.55	49.4	54.5	47.9



Thai Environmental Technic Limited
บริษัท เทคนิกลิ่งแวนด์ล้อมไทย จำกัด

(11/3-3)

วัดรางตุ้														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		09-10/12/22					09-10/12/22					09-10/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
217.	08.00	49.1	53.1	48.1	241.	10.00	52.6	62.5	48.8	265.	12.00	52.8	58.3	47.8
218.	08.05	52.5	65.5	48.4	242.	10.05	56.0	86.2	47.3	266.	12.05	53.4	67.1	47.9
219.	08.10	50.9	61.9	47.6	243.	10.10	52.8	62.8	48.9	267.	12.10	52.1	67.2	46.7
220.	08.15	51.5	66.6	46.8	244.	10.15	52.7	61.2	47.8	268.	12.15	51.8	64.8	47.4
221.	08.20	47.8	50.4	46.5	245.	10.20	54.2	64.4	47.4	269.	12.20	48.8	53.0	47.6
222.	08.25	50.6	64.4	46.7	246.	10.25	53.3	63.7	47.2	270.	12.25	48.3	50.9	47.0
223.	08.30	50.6	61.6	47.3	247.	10.30	48.6	56.2	46.7	271.	12.30	49.0	52.6	47.5
224.	08.35	47.7	53.5	46.3	248.	10.35	50.9	63.2	46.0	272.	12.35	48.3	53.4	47.0
225.	08.40	48.4	52.9	46.9	249.	10.40	51.5	63.5	46.4	273.	12.40	48.4	51.3	47.5
226.	08.45	48.0	51.3	46.6	250.	10.45	50.2	61.7	46.0	274.	12.45	47.6	55.8	45.9
227.	08.50	52.6	65.9	47.4	251.	10.50	49.1	58.3	47.1	275.	12.50	55.6	76.3	47.7
228.	08.55	49.3	56.9	47.8	252.	10.55	49.3	55.3	46.3	276.	12.55	49.1	52.7	47.8
229.	09.00	50.5	65.3	46.9	253.	11.00	49.8	56.4	47.5	277.	13.00	52.0	66.6	47.1
230.	09.05	50.5	56.8	47.5	254.	11.05	50.1	58.5	48.3	278.	13.05	56.4	66.2	48.2
231.	09.10	48.6	53.3	46.8	255.	11.10	48.6	54.5	46.8	279.	13.10	49.1	57.4	46.3
232.	09.15	48.7	55.2	47.3	256.	11.15	51.7	65.6	46.4	280.	13.15	49.0	56.5	46.9
233.	09.20	54.4	71.1	46.9	257.	11.20	48.8	52.9	47.3	281.	13.20	53.4	64.9	48.5
234.	09.25	48.9	55.1	47.1	258.	11.25	47.4	50.6	46.1	282.	13.25	53.0	67.4	48.3
235.	09.30	48.3	51.9	47.3	259.	11.30	48.7	51.7	47.0	283.	13.30	50.4	61.5	47.8
236.	09.35	48.8	56.6	47.3	260.	11.35	48.8	61.4	46.4	284.	13.35	51.9	60.4	48.8
237.	09.40	48.7	55.9	47.0	261.	11.40	48.0	53.0	46.2	285.	13.40	55.4	66.5	48.8
238.	09.45	49.3	55.7	47.1	262.	11.45	50.4	64.2	46.9	286.	13.45	49.0	53.1	47.3
239.	09.50	48.0	50.7	46.7	263.	11.50	48.9	53.6	47.1	287.	13.50	49.8	54.9	48.4
240.	09.55	49.6	61.7	47.1	264.	11.55	49.6	56.6	47.3	288.	13.55	49.3	52.5	47.5

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager



Thai Environmental Technic Limited

บริษัท เทคนิกลิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ตะวันแดง 1999 จำกัด

Report No. : 3581/2022/12-42

Project : โครงการโรงงานผลิตแอลกอฮอล์และสุรา (ส่วนขยาย ครั้งที่ 1)
(ระยะดำเนินการ)

Report Date : December 19, 2022

Sampling Date : December 6-13, 2022

Address : เลขที่ 88 หมู่ที่ 15 บ้านเขาน้อย ตำบลหนองแขง
อำเภอหันคา จังหวัดชัยนาท

Type of Sample : Sound Level

Job No. : S650153/Dec

(12/1)-3)

วัดรางตุ														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		10-11/12/22					10-11/12/22					10-11/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
1.	14.00	50.7	57.6	48.8	37.	17.00	50.2	54.3	49.1	73.	20.00	48.7	51.1	47.6
2.	14.05	52.7	65.7	47.8	38.	17.05	51.3	50.9	48.6	74.	20.05	49.8	60.6	48.0
3.	14.10	51.5	63.9	48.0	39.	17.10	50.1	59.3	47.9	75.	20.10	50.0	58.6	47.2
4.	14.15	54.9	67.2	47.4	40.	17.15	57.5	71.2	48.5	76.	20.15	61.4	79.0	67.9
5.	14.20	50.3	55.9	47.9	41.	17.20	52.7	60.9	48.1	77.	20.20	50.6	59.0	47.8
6.	14.25	51.2	57.5	47.7	42.	17.25	49.0	52.0	48.0	78.	20.25	54.1	61.6	48.4
7.	14.30	46.9	50.7	45.9	43.	17.30	48.9	57.0	47.2	79.	20.30	52.3	63.9	47.9
8.	14.35	51.9	65.0	46.7	44.	17.35	51.4	62.3	48.3	80.	20.35	52.5	64.3	47.9
9.	14.40	54.5	68.7	47.2	45.	17.40	50.2	54.5	48.9	81.	20.40	50.2	59.9	47.6
10.	14.45	48.4	60.1	46.7	46.	17.45	50.3	63.7	48.0	82.	20.45	56.9	72.8	48.4
11.	14.50	52.4	66.1	47.6	47.	17.50	55.1	71.5	48.6	83.	20.50	53.2	63.7	48.1
12.	14.55	50.9	64.2	47.3	48.	17.55	49.8	60.4	48.0	84.	20.55	64.7	82.2	47.4
13.	15.00	52.1	62.6	47.6	49.	18.00	49.3	57.8	47.5	85.	21.00	53.2	70.0	47.6
14.	15.05	53.7	65.7	48.0	50.	18.05	60.3	77.5	48.8	86.	21.05	48.6	51.9	47.5
15.	15.10	48.8	61.8	46.7	51.	18.10	48.7	51.0	47.7	87.	21.10	54.5	69.9	47.8
16.	15.15	55.3	66.4	48.1	52.	18.15	49.0	56.1	47.8	88.	21.15	53.9	61.9	49.0
17.	15.20	48.3	54.9	46.9	53.	18.20	50.8	54.5	49.3	89.	21.20	52.1	61.3	48.1
18.	15.25	48.7	51.8	47.6	54.	18.25	49.5	55.2	48.1	90.	21.25	48.5	54.1	46.8
19.	15.30	50.4	58.9	47.1	55.	18.30	54.6	69.2	48.7	91.	21.30	50.0	57.5	47.4
20.	15.35	51.1	59.5	48.8	56.	18.35	50.5	55.7	48.4	92.	21.35	53.2	64.4	48.7
21.	15.40	51.9	61.9	48.9	57.	18.40	51.1	58.1	48.2	93.	21.40	48.5	52.4	47.4
22.	15.45	54.4	78.2	49.1	58.	18.45	50.5	59.9	47.8	94.	21.45	49.0	50.5	47.9
23.	15.50	55.7	68.9	48.8	59.	18.50	54.2	66.9	48.2	95.	21.50	48.1	52.1	46.7
24.	15.55	51.6	59.9	49.3	60.	18.55	49.4	55.9	47.6	96.	21.55	50.9	65.2	47.1
25.	16.00	52.1	63.3	48.7	61.	19.00	53.6	66.7	47.8	97.	22.00	54.0	68.5	48.7
26.	16.05	52.1	63.7	48.6	62.	19.05	56.1	72.7	48.3	98.	22.05	51.8	59.3	48.8
27.	16.10	48.7	57.9	46.1	63.	19.10	63.6	83.5	48.6	99.	22.10	49.7	52.3	48.5
28.	16.15	48.7	64.5	46.4	64.	19.15	62.6	79.7	48.4	100.	22.15	54.1	65.2	48.8
29.	16.20	56.4	72.3	46.9	65.	19.20	53.0	62.1	48.4	101.	22.20	52.4	66.2	48.1
30.	16.25	49.2	57.0	47.5	66.	19.25	54.1	70.0	47.8	102.	22.25	51.4	63.1	48.6
31.	16.30	48.8	53.3	47.2	67.	19.30	51.3	65.4	47.4	103.	22.30	50.0	53.1	48.4
32.	16.35	48.8	50.6	47.7	68.	19.35	50.2	60.3	48.4	104.	22.35	49.7	55.6	47.5
33.	16.40	51.4	61.0	47.2	69.	19.40	50.8	62.9	47.1	105.	22.40	51.9	57.7	48.5
34.	16.45	53.2	66.3	48.0	70.	19.45	49.2	58.2	47.0	106.	22.45	55.6	63.6	50.0
35.	16.50	49.0	56.2	47.5	71.	19.50	58.7	74.7	47.4	107.	22.50	52.2	61.4	48.7
36.	16.55	50.0	61.5	46.9	72.	19.55	50.6	63.7	48.3	108.	22.55	50.5	62.3	47.8

**TET**

Thai Environmental Technic Limited

บริษัท เทคนิควิสิ่งแวดล้อมไทย จำกัด

(17/2-3)

วัดรางตุ														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		10-11/12/22					10-11/12/22					10-11/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
109.	23.00	51.5	63.0	49.2	145.	02.00	51.8	57.7	49.7	181.	05.00	50.3	61.5	48.9
110.	23.05	53.3	65.9	49.1	146.	02.05	52.2	62.3	50.2	182.	05.05	54.4	69.1	49.1
111.	23.10	50.4	60.1	47.7	147.	02.10	53.2	63.2	50.3	183.	05.10	54.8	69.6	49.7
112.	23.15	51.7	61.9	48.3	148.	02.15	56.3	67.0	53.0	184.	05.15	56.8	73.2	49.8
113.	23.20	50.7	61.8	48.0	149.	02.20	58.6	71.4	56.3	185.	05.20	53.5	67.0	49.0
114.	23.25	52.6	64.4	48.4	150.	02.25	59.1	66.3	56.5	186.	05.25	52.2	63.2	49.5
115.	23.30	58.3	72.4	48.4	151.	02.30	59.9	68.4	57.9	187.	05.30	51.4	64.5	49.0
116.	23.35	49.0	53.3	47.5	152.	02.35	58.6	60.4	57.7	188.	05.35	54.6	69.4	49.8
117.	23.40	49.7	56.4	48.1	153.	02.40	60.0	63.4	59.0	189.	05.40	52.3	69.9	48.6
118.	23.45	52.0	65.0	48.7	154.	02.45	59.4	65.3	57.7	190.	05.45	52.5	64.9	49.4
119.	23.50	50.0	55.4	48.4	155.	02.50	58.5	63.9	57.0	191.	05.50	51.1	55.2	48.8
120.	23.55	50.5	60.8	47.6	156.	02.55	58.3	69.1	56.1	192.	05.55	53.6	61.6	49.6
121.	00.00	51.5	63.7	48.2	157.	03.00	56.9	60.3	55.8	193.	06.00	54.0	65.6	48.8
122.	00.05	49.2	55.6	47.7	158.	03.05	56.8	62.3	54.9	194.	06.05	52.3	63.1	49.4
123.	00.10	54.2	65.6	48.3	159.	03.10	56.3	70.4	51.9	195.	06.10	50.5	56.2	49.0
124.	00.15	51.4	56.1	49.3	160.	03.15	55.0	61.6	51.9	196.	06.15	53.8	67.1	49.5
125.	00.20	51.6	63.5	48.0	161.	03.20	56.6	66.0	51.4	197.	06.20	64.8	79.5	50.1
126.	00.25	53.4	60.2	48.8	162.	03.25	56.3	67.5	50.9	198.	06.25	51.8	62.7	49.2
127.	00.30	53.3	60.9	48.6	163.	03.30	55.9	66.3	51.2	199.	06.30	50.9	57.3	49.1
128.	00.35	53.7	62.2	50.3	164.	03.35	55.8	66.8	51.4	200.	06.35	57.1	68.5	50.5
129.	00.40	50.6	59.7	47.7	165.	03.40	58.7	76.6	53.5	201.	06.40	49.9	60.9	47.4
130.	00.45	50.2	58.8	48.1	166.	03.45	55.9	63.6	53.5	202.	06.45	56.4	68.8	48.6
131.	00.50	54.8	65.2	48.5	167.	03.50	58.4	70.2	53.6	203.	06.50	49.0	55.6	47.3
132.	00.55	49.1	55.0	47.0	168.	03.55	57.6	72.6	52.7	204.	06.55	55.0	69.8	47.7
133.	01.00	55.5	66.5	50.7	169.	04.00	57.5	60.4	55.1	205.	07.00	54.4	61.8	49.1
134.	01.05	52.1	61.8	48.6	170.	04.05	59.6	68.9	58.2	206.	07.05	51.9	63.0	48.7
135.	01.10	60.1	70.2	53.6	171.	04.10	55.9	66.1	53.8	207.	07.10	49.4	53.5	47.8
136.	01.15	57.5	64.9	55.6	172.	04.15	55.7	64.7	53.6	208.	07.15	54.3	62.6	49.7
137.	01.20	55.1	64.7	53.1	173.	04.20	55.7	69.2	52.0	209.	07.20	53.8	63.1	49.2
138.	01.25	53.9	59.0	51.7	174.	04.25	52.8	62.1	51.0	210.	07.25	51.8	63.4	48.2
139.	01.30	52.8	59.0	51.4	175.	04.30	52.5	61.3	50.5	211.	07.30	50.5	56.5	48.5
140.	01.35	52.8	58.2	50.4	176.	04.35	51.2	55.5	49.6	212.	07.35	50.9	56.4	49.0
141.	01.40	55.8	67.6	51.3	177.	04.40	53.0	65.6	50.0	213.	07.40	53.2	63.9	49.0
142.	01.45	52.3	57.0	50.3	178.	04.45	52.6	66.7	50.5	214.	07.45	61.4	78.0	52.0
143.	01.50	52.8	61.2	50.3	179.	04.50	52.4	58.9	50.1	215.	07.50	56.8	69.7	51.2
144.	01.55	51.0	59.9	49.3	180.	04.55	53.3	62.7	50.3	216.	07.55	54.3	63.1	49.4



Thai Environmental Technic Limited
บริษัท เทคนิสิ่งแวดล้อมไทย จำกัด

(12/3-3)

วัดรางตุ้														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		10-11/12/22					10-11/12/22					10-11/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
217.	08.00	58.3	68.2	50.7	241.	10.00	55.3	64.4	52.9	265.	12.00	54.7	64.9	51.3
218.	08.05	56.5	72.6	50.1	242.	10.05	55.8	62.4	52.8	266.	12.05	52.3	59.2	50.4
219.	08.10	54.4	60.5	49.8	243.	10.10	56.1	64.7	53.4	267.	12.10	53.6	65.5	50.0
220.	08.15	53.6	59.0	49.7	244.	10.15	54.9	64.6	51.0	268.	12.15	51.2	60.2	48.9
221.	08.20	53.5	65.0	50.2	245.	10.20	50.7	61.8	48.6	269.	12.20	54.6	70.4	48.5
222.	08.25	56.2	65.4	50.6	246.	10.25	52.7	64.2	49.0	270.	12.25	54.5	64.6	48.7
223.	08.30	60.9	70.0	52.3	247.	10.30	54.4	67.7	49.0	271.	12.30	51.5	65.8	48.5
224.	08.35	55.9	64.0	51.5	248.	10.35	54.0	65.0	50.2	272.	12.35	51.3	57.1	49.8
225.	08.40	51.9	60.5	49.7	249.	10.40	51.2	56.5	49.3	273.	12.40	51.6	54.0	50.2
226.	08.45	52.8	59.4	50.6	250.	10.45	51.4	59.2	49.1	274.	12.45	55.8	64.7	50.4
227.	08.50	54.1	63.9	50.6	251.	10.50	50.9	54.9	49.3	275.	12.50	53.4	62.7	51.0
228.	08.55	54.4	64.3	51.1	252.	10.55	51.1	57.7	49.3	276.	12.55	53.6	58.4	51.4
229.	09.00	58.4	70.0	53.8	253.	11.00	54.2	63.5	51.6	277.	13.00	53.7	60.7	50.9
230.	09.05	56.7	67.8	52.9	254.	11.05	55.5	65.2	51.3	278.	13.05	51.2	55.6	49.3
231.	09.10	58.5	76.3	53.2	255.	11.10	56.0	66.6	51.0	279.	13.10	53.8	63.6	50.8
232.	09.15	59.8	71.4	54.3	256.	11.15	56.3	71.6	50.6	280.	13.15	50.6	53.4	49.3
233.	09.20	54.3	59.4	51.8	257.	11.20	53.3	65.2	49.2	281.	13.20	51.0	59.8	48.8
234.	09.25	53.8	64.1	51.2	258.	11.25	54.3	62.0	48.5	282.	13.25	49.7	54.1	48.5
235.	09.30	52.4	56.7	50.6	259.	11.30	52.9	57.4	51.3	283.	13.30	49.7	53.8	48.5
236.	09.35	56.4	65.0	49.7	260.	11.35	52.5	60.5	50.1	284.	13.35	51.2	57.3	49.6
237.	09.40	53.0	59.9	50.6	261.	11.40	59.4	74.0	49.3	285.	13.40	50.1	57.3	48.9
238.	09.45	55.3	63.9	52.6	262.	11.45	52.1	58.3	50.5	286.	13.45	52.8	62.2	49.4
239.	09.50	58.6	70.6	52.9	263.	11.50	54.7	67.1	50.5	287.	13.50	50.5	56.5	49.5
240.	09.55	54.7	64.6	51.9	264.	11.55	52.4	62.5	50.1	288.	13.55	53.3	61.7	49.9

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager



Thai Environmental Technic Limited

บริษัท เทคนิกลิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ตะวันแดง 1999 จำกัด

Report No. : 3581/2022/13-42

Project : โครงการโรงงานผลิตแอลกอฮอล์และสุรา (ส่วนขยาย ครั้งที่ 1)
(ระยะดำเนินการ)

Report Date : December 19, 2022

Address : เลขที่ 88 หมู่ที่ 15 บ้านเขาน้อย ตำบลหนองแขง
อำเภอหันคา จังหวัดชัยนาท

Sampling Date : December 6-13, 2022

Type of Sample : Sound Level

Job No. : S650153/Dec

(13/1-3)

วัดรางตุ														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		11-12/12/22					11-12/12/22					11-12/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
1.	14.00	50.7	53.3	49.5	37.	17.00	53.9	54.9	53.1	73.	20.00	53.6	54.5	52.8
2.	14.05	51.2	54.6	50.0	38.	17.05	56.3	66.6	53.3	74.	20.05	53.5	54.6	52.7
3.	14.10	52.5	65.5	49.9	39.	17.10	54.4	58.4	53.5	75.	20.10	53.6	57.3	52.7
4.	14.15	49.8	54.7	49.0	40.	17.15	55.0	66.5	53.2	76.	20.15	53.4	54.6	52.6
5.	14.20	51.0	58.0	49.1	41.	17.20	54.0	56.2	53.2	77.	20.20	53.9	57.9	53.0
6.	14.25	53.9	67.1	49.7	42.	17.25	53.8	54.9	53.1	78.	20.25	53.5	54.7	52.8
7.	14.30	52.9	61.2	50.1	43.	17.30	54.0	55.0	52.9	79.	20.30	53.7	57.1	52.9
8.	14.35	52.3	66.1	50.1	44.	17.35	54.2	55.8	53.5	80.	20.35	57.1	72.1	52.6
9.	14.40	50.9	52.8	50.2	45.	17.40	54.7	58.4	53.6	81.	20.40	53.8	57.7	52.9
10.	14.45	52.5	54.9	50.8	46.	17.45	53.9	55.4	53.3	82.	20.45	53.9	55.8	53.1
11.	14.50	53.2	55.6	51.4	47.	17.50	54.0	55.5	53.3	83.	20.50	53.4	56.0	52.8
12.	14.55	57.5	65.9	53.2	48.	17.55	54.0	54.9	53.3	84.	20.55	53.7	55.0	52.8
13.	15.00	55.7	53.9	53.6	49.	18.00	53.9	55.2	53.1	85.	21.00	55.3	65.2	53.0
14.	15.05	60.1	75.2	53.3	50.	18.05	54.4	58.6	53.4	86.	21.05	55.4	67.2	52.9
15.	15.10	54.4	62.0	53.1	51.	18.10	54.2	58.5	53.4	87.	21.10	55.4	60.6	53.4
16.	15.15	53.7	51.7	52.9	52.	18.15	54.2	59.1	53.2	88.	21.15	54.0	56.7	52.9
17.	15.20	53.4	51.4	52.7	53.	18.20	54.1	58.7	53.1	89.	21.20	53.7	56.9	52.9
18.	15.25	53.3	54.9	52.4	54.	18.25	54.8	60.2	53.4	90.	21.25	54.2	59.9	52.9
19.	15.30	55.1	65.6	53.2	55.	18.30	55.2	65.7	53.3	91.	21.30	54.0	58.9	53.0
20.	15.35	53.6	54.6	52.8	56.	18.35	53.8	55.6	51.9	92.	21.35	54.6	64.7	52.8
21.	15.40	54.1	55.3	53.4	57.	18.40	53.3	55.5	51.2	93.	21.40	53.4	54.5	52.7
22.	15.45	54.1	55.1	53.4	58.	18.45	53.9	58.7	53.0	94.	21.45	54.6	63.1	53.0
23.	15.50	56.0	67.2	53.3	59.	18.50	53.7	55.9	52.9	95.	21.50	53.9	55.7	52.8
24.	15.55	53.0	54.9	51.0	60.	18.55	54.0	56.5	53.3	96.	21.55	55.8	65.0	54.7
25.	16.00	52.3	54.3	51.0	61.	19.00	54.0	58.2	53.2	97.	22.00	57.5	72.2	55.1
26.	16.05	54.0	55.2	53.2	62.	19.05	54.4	58.9	53.4	98.	22.05	55.8	61.3	54.9
27.	16.10	54.2	55.6	53.5	63.	19.10	62.7	80.1	53.4	99.	22.10	56.9	69.1	55.0
28.	16.15	54.4	56.1	53.6	64.	19.15	54.3	56.1	53.3	100.	22.15	58.3	74.9	55.0
29.	16.20	55.1	63.0	54.0	65.	19.20	55.3	60.9	53.6	101.	22.20	56.6	63.9	55.0
30.	16.25	54.6	59.3	53.6	66.	19.25	54.1	57.1	53.1	102.	22.25	55.3	59.5	53.3
31.	16.30	54.6	62.3	53.1	67.	19.30	55.5	64.1	53.1	103.	22.30	53.7	65.4	52.0
32.	16.35	54.4	61.9	53.5	68.	19.35	55.8	69.4	53.6	104.	22.35	52.6	54.5	51.5
33.	16.40	54.4	62.5	53.2	69.	19.40	55.1	63.9	53.4	105.	22.40	52.3	55.2	51.2
34.	16.45	54.0	58.2	52.1	70.	19.45	55.7	65.9	53.5	106.	22.45	54.5	66.9	52.1
35.	16.50	53.5	54.6	52.7	71.	19.50	53.6	54.6	52.9	107.	22.50	52.9	65.3	51.8
36.	16.55	53.9	58.2	52.9	72.	19.55	53.9	55.8	53.2	108.	22.55	52.0	55.8	51.1



TET

Thai Environmental Technic Limited
บริษัท เทคนิกล้างแวล้อมไทย จำกัด

(13/2-3)

วัดรางตุ้														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		11-12/12/22					11-12/12/22					11-12/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
109.	23.00	53.1	68.9	51.8	145.	02.00	51.7	66.3	50.4	181.	05.00	54.7	81.5	51.5
110.	23.05	57.2	78.7	52.3	146.	02.05	51.5	57.5	50.5	182.	05.05	52.3	55.6	51.4
111.	23.10	54.6	65.8	52.2	147.	02.10	53.8	69.3	50.6	183.	05.10	52.3	55.8	51.4
112.	23.15	52.7	54.6	51.8	148.	02.15	51.9	58.7	51.2	184.	05.15	52.4	63.6	51.1
113.	23.20	54.6	66.6	52.3	149.	02.20	51.9	57.2	51.0	185.	05.20	52.7	61.4	51.6
114.	23.25	53.4	70.2	51.4	150.	02.25	52.2	57.3	51.3	186.	05.25	52.8	56.0	51.6
115.	23.30	55.5	69.4	51.6	151.	02.30	51.7	54.3	50.9	187.	05.30	53.0	60.2	51.9
116.	23.35	55.6	77.9	51.9	152.	02.35	51.7	53.6	50.9	188.	05.35	53.9	59.4	52.7
117.	23.40	52.3	57.2	51.4	153.	02.40	51.8	61.6	50.9	189.	05.40	53.7	59.8	52.6
118.	23.45	52.5	65.3	51.4	154.	02.45	60.6	81.4	50.8	190.	05.45	54.2	56.6	53.2
119.	23.50	52.1	56.9	51.3	155.	02.50	52.5	64.9	50.8	191.	05.50	54.2	73.1	52.8
120.	23.55	52.1	55.4	50.9	156.	02.55	52.3	54.5	51.0	192.	05.55	54.2	56.0	53.3
121.	00.00	52.4	69.7	50.7	157.	03.00	52.8	59.1	50.8	193.	06.00	54.3	61.3	53.4
122.	00.05	53.2	56.7	50.7	158.	03.05	53.5	60.9	51.6	194.	06.05	54.1	58.5	53.3
123.	00.10	52.3	54.8	50.8	159.	03.10	53.1	54.7	51.3	195.	06.10	53.8	66.5	52.6
124.	00.15	53.1	68.8	50.8	160.	03.15	52.7	68.1	50.1	196.	06.15	53.5	55.9	52.6
125.	00.20	57.5	75.9	50.8	161.	03.20	52.0	62.6	50.5	197.	06.20	53.7	59.2	52.8
126.	00.25	53.0	56.7	51.3	162.	03.25	51.3	62.3	50.2	198.	06.25	54.0	63.5	53.0
127.	00.30	55.4	69.6	52.0	163.	03.30	51.3	57.2	50.3	199.	06.30	53.7	56.8	52.6
128.	00.35	54.5	66.4	51.9	164.	03.35	52.1	68.2	50.4	200.	06.35	54.1	56.4	52.8
129.	00.40	55.1	69.1	52.2	165.	03.40	51.6	56.8	50.7	201.	06.40	53.8	59.1	52.1
130.	00.45	53.6	56.8	52.1	166.	03.45	51.8	68.5	50.7	202.	06.45	54.8	62.4	53.0
131.	00.50	53.5	56.0	51.9	167.	03.50	51.3	56.3	50.5	203.	06.50	53.7	61.6	52.0
132.	00.55	53.5	56.8	51.9	168.	03.55	51.6	61.0	50.6	204.	06.55	53.9	63.1	52.4
133.	01.00	53.5	66.5	51.4	169.	04.00	51.3	55.3	50.6	205.	07.00	53.1	59.0	51.5
134.	01.05	53.8	68.8	51.4	170.	04.05	51.6	56.9	50.8	206.	07.05	52.8	56.2	51.3
135.	01.10	56.9	68.1	55.6	171.	04.10	51.2	54.9	50.3	207.	07.10	53.9	64.7	51.2
136.	01.15	59.0	69.5	55.2	172.	04.15	52.7	69.7	50.6	208.	07.15	53.8	64.4	51.1
137.	01.20	54.2	60.3	52.9	173.	04.20	51.5	53.8	50.3	209.	07.20	53.8	63.6	51.2
138.	01.25	52.3	62.1	51.3	174.	04.25	51.3	54.6	50.4	210.	07.25	54.7	68.9	51.7
139.	01.30	52.3	61.2	51.2	175.	04.30	51.2	55.0	50.3	211.	07.30	53.1	65.0	51.1
140.	01.35	58.4	71.4	51.6	176.	04.35	51.3	53.8	50.1	212.	07.35	53.1	68.5	51.0
141.	01.40	52.9	65.6	51.0	177.	04.40	51.1	53.2	50.3	213.	07.40	54.6	65.1	51.4
142.	01.45	52.0	63.7	50.7	178.	04.45	51.5	55.8	50.7	214.	07.45	55.0	70.9	50.8
143.	01.50	53.8	68.2	51.1	179.	04.50	52.0	53.7	51.0	215.	07.50	62.2	82.7	51.9
144.	01.55	57.1	71.6	50.9	180.	04.55	51.9	62.7	51.0	216.	07.55	53.7	63.0	51.0

**TET**

Thai Environmental Technic Limited

บริษัท เทคนิกลิ่งแวดล้อมไทย จำกัด

(13/3-3)

วัดรางคู่														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		11-12/12/22					11-12/12/22					11-12/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
217.	08.00	56.7	77.3	50.7	241.	10.00	51.6	63.6	49.6	265.	12.00	55.5	74.2	48.8
218.	08.05	54.2	68.8	50.8	242.	10.05	53.8	69.6	49.5	266.	12.05	51.9	65.9	48.4
219.	08.10	54.3	74.3	50.8	243.	10.10	55.7	71.2	49.2	267.	12.10	52.5	67.0	49.2
220.	08.15	59.3	76.9	51.4	244.	10.15	51.7	62.2	48.9	268.	12.15	54.0	71.8	48.9
221.	08.20	56.8	75.3	51.0	245.	10.20	55.8	71.2	49.5	269.	12.20	56.4	74.3	48.4
222.	08.25	53.9	68.6	49.6	246.	10.25	55.3	73.9	49.6	270.	12.25	52.0	76.2	48.1
223.	08.30	53.2	63.2	49.8	247.	10.30	55.2	73.1	49.5	271.	12.30	50.9	66.6	47.6
224.	08.35	53.0	66.3	49.6	248.	10.35	57.4	75.3	49.9	272.	12.35	50.8	65.5	48.7
225.	08.40	53.9	73.5	50.1	249.	10.40	53.2	71.2	49.5	273.	12.40	53.4	70.1	49.1
226.	08.45	52.5	65.8	49.7	250.	10.45	56.1	75.1	49.3	274.	12.45	55.3	71.5	48.3
227.	08.50	64.7	86.1	50.7	251.	10.50	52.4	67.5	49.6	275.	12.50	56.3	74.9	47.9
228.	08.55	53.5	64.6	50.3	252.	10.55	53.9	72.4	49.3	276.	12.55	57.4	75.6	48.4
229.	09.00	56.1	70.3	52.7	253.	11.00	60.6	80.3	50.5	277.	13.00	57.6	76.5	47.8
230.	09.05	54.2	67.6	50.2	254.	11.05	60.1	79.5	54.2	278.	13.05	53.2	67.2	48.0
231.	09.10	55.6	71.5	50.9	255.	11.10	52.8	71.5	47.9	279.	13.10	53.1	70.2	47.6
232.	09.15	56.2	77.9	50.9	256.	11.15	57.4	76.4	47.9	280.	13.15	53.1	72.8	47.8
233.	09.20	53.2	69.3	50.6	257.	11.20	51.1	66.1	47.9	281.	13.20	57.8	89.0	47.9
234.	09.25	62.3	84.5	49.2	258.	11.25	52.0	72.1	48.4	282.	13.25	56.9	89.4	47.0
235.	09.30	53.6	72.3	49.3	259.	11.30	59.5	76.8	47.8	283.	13.30	51.9	71.2	47.9
236.	09.35	53.3	65.6	50.1	260.	11.35	52.7	67.3	47.3	284.	13.35	57.0	77.1	46.5
237.	09.40	55.3	74.7	50.3	261.	11.40	51.4	66.0	47.9	285.	13.40	57.7	75.5	48.4
238.	09.45	51.4	62.4	49.4	262.	11.45	50.3	66.5	47.3	286.	13.45	52.3	68.7	48.8
239.	09.50	50.6	59.0	49.2	263.	11.50	51.9	69.7	47.9	287.	13.50	49.8	68.0	46.8
240.	09.55	57.6	80.5	50.0	264.	11.55	52.2	67.0	48.8	288.	13.55	53.6	77.0	46.5

Wannasiri S.

Wannasiri Suriyawong

*Somchai P.*Somchai Piyavorasakul
General Manager



Thai Environmental Technic Limited

บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ตะวันแดง 1999 จำกัด

Report No. : 3581/2022/14-42

Project : โครงการโรงงานผลิตแอลกอฮอล์และสุรา (ส่วนขยาย ครั้งที่ 1)
(ระยะดำเนินการ)

Report Date : December 19, 2022

Sampling Date : December 6-13, 2022

Address : เลขที่ 88 หมู่ที่ 15 บ้านเขาน้อย ตำบลหนองแขง
อำเภอหันคา จังหวัดชัยนาท

Type of Sample : Sound Level

Job No. : S650153/Dec

(14/1-3)

วัดรางคู่														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		12-13/12/22					12-13/12/22					12-13/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
1.	14.00	59.9	80.6	46.8	37.	17.00	52.2	63.2	49.5	73.	20.00	56.2	65.4	50.6
2.	14.05	52.3	68.2	46.5	38.	17.05	51.4	64.5	49.0	74.	20.05	60.9	70.0	52.3
3.	14.10	50.9	67.8	46.9	39.	17.10	51.6	69.4	49.8	75.	20.10	55.9	64.0	51.5
4.	14.15	59.1	77.0	48.1	40.	17.15	52.3	69.9	48.6	76.	20.15	51.9	60.5	49.7
5.	14.20	58.3	69.1	56.1	41.	17.20	52.5	64.9	49.1	77.	20.20	52.8	59.4	50.6
6.	14.25	56.9	60.3	55.8	42.	17.25	51.1	55.2	48.8	78.	20.25	54.1	63.9	50.6
7.	14.30	56.8	62.3	54.9	43.	17.30	53.6	61.6	49.6	79.	20.30	51.4	64.3	51.1
8.	14.35	56.3	70.4	51.9	44.	17.35	54.0	65.6	48.8	80.	20.35	58.4	70.0	53.8
9.	14.40	55.0	61.6	51.9	45.	17.40	52.3	63.1	49.4	81.	20.40	56.7	67.8	52.9
10.	14.45	56.6	66.0	51.4	46.	17.45	50.5	56.2	49.0	82.	20.45	58.5	76.3	53.2
11.	14.50	56.3	67.5	50.9	47.	17.50	53.8	67.1	49.5	83.	20.50	59.8	71.4	54.3
12.	14.55	55.9	66.3	51.2	48.	17.55	64.8	79.5	50.1	84.	20.55	54.3	59.4	51.8
13.	15.00	55.8	66.8	51.4	49.	18.00	51.8	62.7	49.2	85.	21.00	53.8	64.1	51.2
14.	15.05	58.7	76.6	53.5	50.	18.05	50.9	57.5	49.1	86.	21.05	52.4	56.7	50.6
15.	15.10	55.9	63.6	53.5	51.	18.10	57.1	68.5	50.5	87.	21.10	56.4	65.0	49.7
16.	15.15	58.4	70.2	53.6	52.	18.15	49.9	60.9	47.4	88.	21.15	53.0	59.9	50.6
17.	15.20	57.6	72.6	52.7	53.	18.20	54.4	68.8	48.6	89.	21.20	55.3	63.9	52.6
18.	15.25	57.5	60.4	55.1	54.	18.25	49.0	55.6	47.3	90.	21.25	58.6	70.6	52.9
19.	15.30	59.6	68.9	58.2	55.	18.30	55.0	69.8	47.7	91.	21.30	54.7	61.6	51.9
20.	15.35	57.9	62.2	56.9	56.	18.35	54.4	61.6	49.1	92.	21.35	55.3	64.4	52.9
21.	15.40	57.4	65.4	56.0	57.	18.40	51.9	63.0	48.7	93.	21.40	55.8	62.4	52.8
22.	15.45	55.9	66.1	53.8	58.	18.45	49.4	53.5	47.8	94.	21.45	56.1	64.7	53.4
23.	15.50	55.7	64.7	53.6	59.	18.50	54.3	62.6	49.7	95.	21.50	54.9	64.6	51.0
24.	15.55	55.7	69.2	52.0	60.	18.55	53.8	63.1	49.2	96.	21.55	50.7	61.8	48.6
25.	16.00	52.8	62.1	51.0	61.	19.00	51.8	63.4	48.2	97.	22.00	52.7	61.2	49.0
26.	16.05	52.5	61.3	50.5	62.	19.05	50.5	56.5	48.5	98.	22.05	54.4	67.7	49.0
27.	16.10	51.2	55.5	49.6	63.	19.10	50.9	56.1	49.0	99.	22.10	54.0	65.0	50.2
28.	16.15	53.0	65.6	53.0	64.	19.15	53.2	63.9	49.0	100.	22.15	51.2	56.5	49.3
29.	16.20	52.6	66.7	50.5	65.	19.20	61.4	78.0	52.0	101.	22.20	51.4	59.2	49.1
30.	16.25	52.4	58.9	50.1	66.	19.25	56.8	69.2	51.2	102.	22.25	50.9	54.9	49.3
31.	16.30	53.3	62.7	50.3	67.	19.30	54.3	63.1	49.4	103.	22.30	51.1	57.7	49.3
32.	16.35	50.3	61.5	48.9	68.	19.35	58.3	68.2	50.7	104.	22.35	54.2	63.5	51.6
33.	16.40	51.4	69.1	49.1	69.	19.40	56.5	72.6	50.1	105.	22.40	55.5	65.2	51.3
34.	16.45	54.8	69.8	49.7	70.	19.45	54.4	60.5	49.8	106.	22.45	56.0	66.6	51.0
35.	16.50	58.8	73.2	49.8	71.	19.50	53.6	59.0	49.7	107.	22.50	56.3	71.6	50.6
36.	16.55	53.5	67.0	49.0	72.	19.55	53.5	65.0	50.2	108.	22.55	53.3	65.2	49.2

**TET**

Thai Environmental Technic Limited

บริษัท เทคนิกลิ่งแวดล้อมไทย จำกัด

(14/2-3)

วัดรางตุ้														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		12-13/12/22					12-13/12/22					12-13/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
109.	23.00	54.3	62.0	48.5	145.	02.00	52.9	54.8	52.1	181.	05.00	55.1	60.6	53.9
110.	23.05	52.9	57.4	51.3	146.	02.05	53.0	62.8	52.1	182.	05.05	54.9	61.0	53.8
111.	23.10	52.5	60.5	50.1	147.	02.10	61.8	82.6	52.0	183.	05.10	55.4	57.8	54.4
112.	23.15	59.4	74.0	49.3	148.	02.15	53.7	66.1	52.0	184.	05.15	55.5	71.3	54.0
113.	23.20	52.1	58.3	50.5	149.	02.20	53.5	55.7	52.2	185.	05.20	55.4	57.2	54.5
114.	23.25	54.7	67.1	50.5	150.	02.25	54.0	60.3	52.0	186.	05.25	55.3	62.5	54.6
115.	23.30	52.4	62.5	50.1	151.	02.30	54.7	62.1	52.8	187.	05.30	55.3	59.7	54.5
116.	23.35	54.7	64.9	51.3	152.	02.35	54.3	55.9	52.5	188.	05.35	55.0	67.7	53.8
117.	23.40	52.3	59.2	50.4	153.	02.40	53.4	69.6	51.3	189.	05.40	54.8	57.1	53.8
118.	23.45	53.6	65.5	50.0	154.	02.45	53.2	63.8	51.7	190.	05.45	54.9	60.4	54.0
119.	23.50	51.2	60.2	48.9	155.	02.50	52.5	63.5	51.4	191.	05.50	55.2	64.7	54.2
120.	23.55	54.6	70.4	48.5	156.	02.55	52.5	58.4	51.5	192.	05.55	54.9	58.0	53.8
121.	00.00	54.5	64.6	48.7	157.	03.00	53.3	69.4	51.6	193.	06.00	55.3	57.6	54.0
122.	00.05	51.5	65.8	48.5	158.	03.05	52.8	58.0	51.9	194.	06.05	55.0	60.3	53.6
123.	00.10	51.3	57.1	49.8	159.	03.10	53.0	69.7	51.9	195.	06.10	56.0	63.6	54.2
124.	00.15	51.6	54.0	50.2	160.	03.15	52.5	57.5	51.7	196.	06.15	54.9	62.8	53.2
125.	00.20	55.8	64.7	50.4	161.	03.20	52.8	62.2	51.8	197.	06.20	55.1	64.3	53.6
126.	00.25	53.4	62.7	51.0	162.	03.25	52.5	56.5	51.8	198.	06.25	54.3	60.2	52.7
127.	00.30	53.6	58.4	51.4	163.	03.30	52.8	60.1	52.0	199.	06.30	54.0	57.4	52.5
128.	00.35	55.0	70.0	52.6	164.	03.35	52.4	56.1	51.5	200.	06.35	55.1	65.9	52.4
129.	00.40	58.1	69.3	56.8	165.	03.40	53.9	70.9	51.8	201.	06.40	55.0	65.6	52.3
130.	00.45	55.4	61.5	54.1	166.	03.45	52.7	55.0	51.5	202.	06.45	55.0	64.8	52.4
131.	00.50	53.5	63.6	52.5	167.	03.50	52.5	55.8	51.6	203.	06.50	55.9	70.1	52.9
132.	00.55	53.5	62.4	52.4	168.	03.55	52.4	56.2	51.5	204.	06.55	54.6	66.2	52.3
133.	01.00	59.6	72.6	52.8	169.	04.00	52.5	55.0	51.6	205.	07.00	54.3	69.7	52.2
134.	01.05	54.1	66.8	52.2	170.	04.05	52.3	54.4	51.5	206.	07.05	55.8	66.3	52.6
135.	01.10	53.2	64.9	51.9	171.	04.10	52.7	57.0	51.9	207.	07.10	59.2	89.4	52.6
136.	01.15	55.0	69.4	52.3	172.	04.15	53.2	54.9	52.2	208.	07.15	56.2	72.1	52.0
137.	01.20	58.6	72.8	52.1	173.	04.20	53.1	63.9	52.2	209.	07.20	56.4	83.9	53.1
138.	01.25	52.9	67.5	51.6	174.	04.25	55.9	82.7	52.7	210.	07.25	54.9	64.2	52.2
139.	01.30	52.7	58.7	51.8	175.	04.30	53.5	56.8	52.6	211.	07.30	57.9	78.5	51.9
140.	01.35	55.0	70.5	51.8	176.	04.35	53.5	57.0	52.6	212.	07.35	55.4	70.0	52.0
141.	01.40	53.1	59.9	52.4	177.	04.40	53.6	64.8	52.3	213.	07.40	55.5	75.5	52.0
142.	01.45	53.1	58.4	52.2	178.	04.45	53.9	62.6	52.8	214.	07.45	60.5	78.1	52.6
143.	01.50	53.4	58.5	52.5	179.	04.50	54.0	57.2	52.8	215.	07.50	58.0	76.5	52.2
144.	01.55	52.9	55.5	52.1	180.	04.55	54.2	61.4	53.1	216.	07.55	55.1	69.8	50.8



Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(14/3-3)

วัดรางคู่														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		12-13/12/22					12-13/12/22					12-13/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
217.	08.00	54.4	64.4	51.0	241.	10.00	57.0	72.4	50.7	265.	12.00	55.5	63.8	50.1
218.	08.05	54.2	67.5	50.8	242.	10.05	56.5	75.1	50.8	266.	12.05	54.1	61.3	49.4
219.	08.10	55.1	74.7	51.3	243.	10.10	56.4	74.3	50.7	267.	12.10	52.6	59.5	49.8
220.	08.15	53.7	67.0	50.9	244.	10.15	58.6	76.5	51.1	268.	12.15	54.2	59.5	48.8
221.	08.20	65.9	87.3	51.9	245.	10.20	54.4	72.4	50.7	269.	12.20	51.0	56.0	49.2
222.	08.25	54.7	65.8	51.5	246.	10.25	57.3	76.3	50.5	270.	12.25	63.2	84.3	46.6
223.	08.30	57.3	71.5	53.9	247.	10.30	56.0	74.4	48.5	271.	12.30	63.5	85.0	48.9
224.	08.35	55.4	68.8	51.4	248.	10.35	52.7	63.9	48.1	272.	12.35	63.7	94.6	52.9
225.	08.40	56.8	72.7	52.1	249.	10.40	52.8	65.1	48.9	273.	12.40	54.2	66.2	49.6
226.	08.45	57.4	79.1	52.1	250.	10.45	60.4	65.7	58.4	274.	12.45	61.5	74.7	49.0
227.	08.50	54.4	70.5	51.8	251.	10.50	60.9	64.4	59.1	275.	12.50	51.5	65.8	46.4
228.	08.55	53.5	85.7	50.4	252.	10.55	62.8	68.7	59.8	276.	12.55	51.8	69.1	45.9
229.	09.00	54.8	73.5	50.5	253.	11.00	61.3	71.2	58.9	277.	13.00	56.8	67.6	47.6
230.	09.05	54.5	66.8	51.3	254.	11.05	60.3	63.3	57.5	278.	13.05	58.9	71.5	51.2
231.	09.10	56.5	75.9	51.5	255.	11.10	51.3	58.7	48.7	279.	13.10	51.3	65.5	47.5
232.	09.15	64.0	85.7	50.5	256.	11.15	49.5	54.5	48.2	280.	13.15	53.4	73.9	46.9
233.	09.20	64.8	86.7	50.8	257.	11.20	50.6	55.8	48.6	281.	13.20	51.7	65.6	47.1
234.	09.25	52.6	63.6	50.6	258.	11.25	55.4	67.8	51.6	282.	13.25	52.4	69.8	45.9
235.	09.30	51.8	60.2	50.4	259.	11.30	51.1	55.6	48.9	283.	13.30	51.1	65.5	47.0
236.	09.35	58.8	81.7	51.2	260.	11.35	51.6	57.3	48.6	284.	13.35	51.4	64.8	47.2
237.	09.40	52.8	64.8	50.8	261.	11.40	53.1	63.8	49.5	285.	13.40	54.6	75.0	46.8
238.	09.45	55.0	70.8	50.7	262.	11.45	50.2	54.2	49.0	286.	13.45	51.2	64.0	46.9
239.	09.50	56.9	72.4	50.4	263.	11.50	49.5	53.2	48.3	287.	13.50	52.9	66.7	47.6
240.	09.55	52.9	63.4	50.1	264.	11.55	55.3	60.9	49.4	288.	13.55	52.9	69.5	47.3

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager



Thai Environmental Technic Limited

บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ตะวันแดง 1999 จำกัด

Report No. : 3581/2022/15-42

Project : โครงการโรงงานผลิตแอลกอฮอล์และสุรา (ส่วนขยาย ครั้งที่ 1)
(ระยะดำเนินการ)

Report Date : December 19, 2022

Sampling Date : December 6-13, 2022

Address : เลขที่ 88 หมู่ที่ 15 บ้านเขาน้อย ตำบลหนองแสง
อำเภอหันคา จังหวัดชัยนาท

Type of Sample : Sound Level

Job No. : S650153/Dec

(15/1-3)

รวมวัดโครงการด้านทิศเหนือ														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		06-07/12/22					06-07/12/22					06-07/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
1.	11.00	60.3	80.3	54.5	37.	14.00	58.5	70.2	55.2	73.	17.00	55.8	64.0	52.6
2.	11.05	59.6	68.7	54.2	38.	14.05	61.2	69.1	55.6	74.	17.05	54.9	61.8	53.4
3.	11.10	61.1	72.4	58.0	39.	14.10	61.4	75.9	55.6	75.	17.10	54.3	60.7	53.1
4.	11.15	60.4	72.1	53.9	40.	14.15	58.9	68.3	55.3	76.	17.15	54.7	58.2	53.4
5.	11.20	59.2	71.1	54.3	41.	14.20	58.9	67.8	54.0	77.	17.20	53.3	57.2	52.3
6.	11.25	58.2	67.7	53.6	42.	14.25	58.2	64.9	54.8	78.	17.25	54.4	64.5	52.8
7.	11.30	58.2	66.9	53.5	43.	14.30	59.2	75.2	54.1	79.	17.30	54.8	62.1	53.5
8.	11.35	56.7	64.0	53.7	44.	14.35	59.2	70.1	54.2	80.	17.35	54.4	65.4	52.7
9.	11.40	58.5	67.6	53.5	45.	14.40	59.1	72.2	53.3	81.	17.40	55.5	67.1	53.1
10.	11.45	58.1	69.3	53.0	46.	14.45	59.5	70.3	53.5	82.	17.45	55.2	63.4	53.2
11.	11.50	58.6	68.0	53.2	47.	14.50	56.7	65.5	54.4	83.	17.50	53.9	61.6	52.9
12.	11.55	59.0	68.7	52.9	48.	14.55	58.0	66.8	52.8	84.	17.55	54.6	64.0	53.2
13.	12.00	57.7	69.9	53.1	49.	15.00	59.4	69.2	53.6	85.	18.00	54.4	61.4	53.3
14.	12.05	54.0	62.1	52.2	50.	15.05	56.3	64.2	53.6	86.	18.05	54.9	60.8	53.9
15.	12.10	53.9	72.0	52.1	51.	15.10	59.0	69.3	54.0	87.	18.10	54.4	59.3	53.5
16.	12.15	55.2	73.6	52.7	52.	15.15	58.0	68.3	53.1	88.	18.15	54.5	61.3	53.0
17.	12.20	54.5	70.8	52.5	53.	15.20	60.1	71.7	52.9	89.	18.20	54.2	59.7	53.3
18.	12.25	53.9	64.9	52.2	54.	15.25	55.9	66.1	52.5	90.	18.25	54.2	57.5	53.2
19.	12.30	53.4	62.0	52.1	55.	15.30	58.1	70.0	52.5	91.	18.30	53.8	60.0	52.8
20.	12.35	53.8	68.2	52.2	56.	15.35	57.2	68.1	52.7	92.	18.35	54.5	58.3	53.3
21.	12.40	53.5	66.7	52.2	57.	15.40	55.8	65.7	52.2	93.	18.40	53.7	56.9	52.8
22.	12.45	53.4	59.1	52.1	58.	15.45	58.7	68.5	53.1	94.	18.45	53.9	56.1	52.7
23.	12.50	53.7	65.3	52.2	59.	15.50	59.4	74.6	54.0	95.	18.50	53.8	56.3	52.6
24.	12.55	53.5	61.7	52.1	60.	15.55	60.2	71.0	52.1	96.	18.55	54.6	57.3	53.5
25.	13.00	53.5	60.5	52.1	61.	16.00	57.7	67.8	53.2	97.	19.00	55.5	58.1	53.8
26.	13.05	53.0	61.7	51.7	62.	16.05	57.8	66.8	52.3	98.	19.05	54.8	57.2	53.5
27.	13.10	56.9	66.2	52.8	63.	16.10	56.6	66.8	52.3	99.	19.10	54.6	57.0	53.7
28.	13.15	58.6	68.4	53.0	64.	16.15	54.4	64.9	52.8	100.	19.15	54.8	61.3	53.8
29.	13.20	59.9	72.1	53.5	65.	16.20	56.4	65.6	52.9	101.	19.20	55.4	57.5	54.5
30.	13.25	59.4	71.8	53.8	66.	16.25	55.2	62.5	52.9	102.	19.25	63.5	83.6	55.2
31.	13.30	58.8	69.2	53.2	67.	16.30	57.0	67.3	53.3	103.	19.30	56.3	72.5	54.4
32.	13.35	56.9	65.5	53.0	68.	16.35	58.6	72.4	53.4	104.	19.35	54.7	66.2	53.1
33.	13.40	56.8	64.3	53.2	69.	16.40	58.1	68.6	54.1	105.	19.40	53.8	56.3	52.7
34.	13.45	57.1	67.9	52.7	70.	16.45	55.9	64.3	52.8	106.	19.45	53.8	63.6	52.8
35.	13.50	57.4	65.5	54.6	71.	16.50	56.1	65.8	53.0	107.	19.50	53.8	63.6	52.7
36.	13.55	60.2	68.1	56.3	72.	16.55	54.4	64.5	52.4	108.	19.55	57.1	65.7	52.6

**TET**

Thai Environmental Technic Limited

บริษัท เทคนิกลิ่งแวดล้อมไทย จำกัด

(15/2-3)

จิมวีโครงการด้านทิศเหนือ														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		06-07/12/22					06-07/12/22					06-07/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
109.	20.00	56.5	62.0	52.7	145.	23.00	54.4	56.0	53.6	181.	02.00	53.2	54.7	52.2
110.	20.05	58.4	59.4	56.4	146.	23.05	54.3	55.7	53.6	182.	02.05	53.0	55.6	52.1
111.	20.10	56.0	58.3	53.0	147.	23.10	54.4	56.6	53.6	183.	02.10	53.0	56.5	52.0
112.	20.15	53.4	57.1	52.5	148.	23.15	54.1	55.7	53.4	184.	02.15	53.0	54.7	52.0
113.	20.20	53.3	57.6	52.4	149.	23.20	53.9	56.1	53.1	185.	02.20	53.0	55.0	52.0
114.	20.25	53.1	56.4	52.2	150.	23.25	54.1	56.4	53.3	186.	02.25	53.0	54.9	52.0
115.	20.30	53.5	56.7	52.6	151.	23.30	54.1	55.6	53.3	187.	02.30	52.9	56.3	51.8
116.	20.35	53.4	57.0	52.6	152.	23.35	54.0	55.4	53.3	188.	02.35	53.1	63.1	51.9
117.	20.40	53.2	55.8	52.3	153.	23.40	54.4	57.1	53.5	189.	02.40	52.7	55.1	51.7
118.	20.45	53.0	55.3	52.0	154.	23.45	54.0	55.4	53.2	190.	02.45	52.6	58.3	51.6
119.	20.50	53.4	55.2	52.6	155.	23.50	53.9	55.6	53.1	191.	02.50	52.7	56.2	51.5
120.	20.55	58.1	62.3	52.8	156.	23.55	53.9	55.5	53.1	192.	02.55	52.5	54.4	51.5
121.	21.00	54.3	58.0	53.5	157.	00.00	53.9	56.2	53.2	193.	03.00	52.6	54.2	51.5
122.	21.05	54.2	59.4	53.3	158.	00.05	53.9	57.2	53.0	194.	03.05	52.6	54.7	51.6
123.	21.10	53.9	55.6	53.2	159.	00.10	53.6	55.1	52.9	195.	03.10	52.6	55.8	51.5
124.	21.15	54.3	61.3	53.4	160.	00.15	53.8	55.3	53.1	196.	03.15	52.6	54.5	51.6
125.	21.20	53.8	56.0	53.1	161.	00.20	53.8	55.3	53.1	197.	03.20	52.4	54.3	51.3
126.	21.25	54.2	66.6	53.3	162.	00.25	53.7	55.2	52.9	198.	03.25	52.5	56.3	51.4
127.	21.30	54.0	65.1	53.1	163.	00.30	53.6	55.1	52.8	199.	03.30	52.5	55.1	51.5
128.	21.35	54.0	62.2	53.2	164.	00.35	53.5	54.9	52.7	200.	03.35	52.5	55.1	51.4
129.	21.40	53.9	56.5	53.1	165.	00.40	53.4	54.8	52.7	201.	03.40	52.4	61.0	51.2
130.	21.45	53.8	62.3	53.0	166.	00.45	53.5	56.7	52.7	202.	03.45	52.9	63.9	51.4
131.	21.50	53.6	55.5	52.9	167.	00.50	53.5	54.9	52.7	203.	03.50	52.5	55.9	51.3
132.	21.55	53.7	56.7	52.9	168.	00.55	53.5	56.6	52.8	204.	03.55	52.5	54.6	51.4
133.	22.00	53.6	55.1	52.8	169.	01.00	53.7	55.4	52.9	205.	04.00	52.4	54.8	51.4
134.	22.05	53.9	56.0	53.0	170.	01.05	53.9	63.7	52.8	206.	04.05	52.5	54.6	51.5
135.	22.10	54.2	56.8	53.4	171.	01.10	53.4	55.3	52.5	207.	04.10	52.7	54.9	51.7
136.	22.15	54.7	56.2	54.0	172.	01.15	53.3	56.0	52.4	208.	04.15	52.6	54.4	51.6
137.	22.20	54.7	62.5	54.0	173.	01.20	53.3	56.1	52.3	209.	04.20	52.7	55.2	51.7
138.	22.25	54.6	56.0	53.9	174.	01.25	53.3	56.6	52.4	210.	04.25	52.7	54.8	51.7
139.	22.30	54.4	56.8	53.6	175.	01.30	53.3	56.3	52.4	211.	04.30	52.8	54.9	51.8
140.	22.35	54.6	56.6	53.9	176.	01.35	53.2	55.3	52.3	212.	04.35	52.8	55.9	51.8
141.	22.40	54.6	56.2	54.0	177.	01.40	53.1	55.0	52.2	213.	04.40	52.6	54.2	51.7
142.	22.45	54.6	57.0	53.8	178.	01.45	53.2	55.2	52.3	214.	04.45	52.5	54.5	51.5
143.	22.50	54.6	56.1	53.9	179.	01.50	53.3	54.8	52.4	215.	04.50	52.4	54.0	51.4
144.	22.55	54.1	55.8	53.8	180.	01.55	53.5	62.7	52.3	216.	04.55	52.5	54.2	51.4



Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(15/3-3)

จิมรวัโครงการด้านทิศเหนือ														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		06-07/12/22					06-07/12/22					06-07/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
217.	05.00	52.3	54.0	51.2	241.	07.00	52.7	56.8	51.4	265.	09.00	61.1	72.4	53.5
218.	05.05	52.1	53.8	51.1	242.	07.05	52.5	59.0	51.2	266.	09.05	60.9	78.9	54.4
219.	05.10	52.1	53.9	51.0	243.	07.10	52.2	54.8	51.1	267.	09.10	59.2	68.8	54.8
220.	05.15	52.1	54.2	51.0	244.	07.15	52.3	55.2	51.1	268.	09.15	58.7	70.3	54.1
221.	05.20	51.9	53.8	50.9	245.	07.20	52.3	56.0	51.1	269.	09.20	59.2	73.6	53.7
222.	05.25	52.0	53.5	50.9	246.	07.25	52.2	54.4	51.1	270.	09.25	57.0	66.8	53.8
223.	05.30	53.0	61.6	51.0	247.	07.30	52.8	59.3	51.6	271.	09.30	58.2	69.1	53.6
224.	05.35	52.0	53.6	50.9	248.	07.35	53.0	63.9	51.4	272.	09.35	57.7	67.0	53.1
225.	05.40	52.0	53.8	51.0	249.	07.40	53.0	64.8	51.4	273.	09.40	58.1	68.8	53.1
226.	05.45	52.0	54.0	50.9	250.	07.45	53.6	68.9	51.6	274.	09.45	59.7	71.7	53.5
227.	05.50	54.1	61.9	51.2	251.	07.50	54.1	69.3	51.9	275.	09.50	57.9	69.6	53.4
228.	05.55	53.3	61.8	51.2	252.	07.55	54.6	64.3	52.7	276.	09.55	57.5	66.9	52.8
229.	06.00	53.3	62.0	51.4	253.	08.00	55.2	65.4	52.8	277.	10.00	54.0	63.8	52.6
230.	06.05	53.3	59.8	51.4	254.	08.05	56.4	73.1	53.3	278.	10.05	57.7	79.0	52.7
231.	06.10	54.9	64.5	51.7	255.	08.10	56.5	68.9	53.1	279.	10.10	59.4	70.7	54.3
232.	06.15	53.9	63.7	51.4	256.	08.15	57.1	72.5	55.1	280.	10.15	59.9	69.0	54.2
233.	06.20	52.4	55.8	51.1	257.	08.20	56.9	70.3	53.1	281.	10.20	55.2	71.6	53.0
234.	06.25	52.5	57.6	51.2	258.	08.25	58.7	79.5	52.9	282.	10.25	55.1	67.3	53.2
235.	06.30	52.4	58.0	51.2	259.	08.30	61.0	82.4	52.9	283.	10.30	55.1	66.5	53.4
236.	06.35	52.3	60.0	51.1	260.	08.35	60.2	77.2	52.6	284.	10.35	60.1	74.3	53.3
237.	06.40	52.2	54.5	51.1	261.	08.40	54.9	66.4	52.7	285.	10.40	62.0	78.7	53.8
238.	06.45	52.1	54.0	51.0	262.	08.45	57.4	73.3	53.4	286.	10.45	59.9	72.0	53.8
239.	06.50	52.4	55.1	51.1	263.	08.50	57.6	67.1	53.1	287.	10.50	61.4	80.9	53.7
240.	06.55	52.4	56.0	51.3	264.	08.55	59.1	69.8	53.6	288.	10.55	61.0	76.1	53.7

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager



Thai Environmental Technic Limited

บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ตะวันแดง 1999 จำกัด

Report No. : 3581/2022/16-42

Project : โครงการโรงงานผลิตแอลกอฮอล์และสุรา (ส่วนขยาย ครั้งที่ 1)
(ระยะดำเนินการ)

Report Date : December 19, 2022

Sampling Date : December 6-13, 2022

Address : เลขที่ 88 หมู่ที่ 15 บ้านเขาน้อย ตำบลหนองแสง
อำเภอหันคา จังหวัดชัยนาท

Type of Sample : Sound Level

Job No. : S650153/Dec

(16/1-3)

จิมข้าวโครงการด้านทิศเหนือ														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		07-08/12/22					07-08/12/22					07-08/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
1.	11.00	60.8	79.5	53.5	37.	14.00	60.7	68.8	57.6	73.	17.00	55.9	70.6	53.2
2.	11.05	61.1	81.7	53.4	38.	14.05	59.7	68.9	57.6	74.	17.05	56.3	68.1	53.3
3.	11.10	59.5	76.1	53.3	39.	14.10	59.9	68.9	57.2	75.	17.10	67.9	78.4	54.6
4.	11.15	63.1	85.1	53.5	40.	14.15	65.3	79.9	58.2	76.	17.15	58.4	73.8	53.6
5.	11.20	60.6	79.0	53.4	41.	14.20	59.1	65.5	57.3	77.	17.20	59.5	80.1	53.5
6.	11.25	64.6	82.6	53.9	42.	14.25	59.6	69.4	54.2	78.	17.25	56.4	72.1	53.2
7.	11.30	61.2	81.5	54.2	43.	14.30	62.1	79.6	54.2	79.	17.30	53.9	58.4	52.8
8.	11.35	59.8	83.4	52.7	44.	14.35	59.5	72.9	57.3	80.	17.35	53.4	63.5	52.7
9.	11.40	61.7	76.9	52.2	45.	14.40	62.4	79.6	56.8	81.	17.40	53.7	58.8	52.8
10.	11.45	60.1	81.0	52.2	46.	14.45	59.1	72.7	57.2	82.	17.45	53.9	59.2	53.0
11.	11.50	56.7	67.9	52.4	47.	14.50	56.4	68.6	53.0	83.	17.50	54.3	58.6	53.3
12.	11.55	55.8	71.7	52.5	48.	14.55	59.5	70.2	53.2	84.	17.55	54.6	58.2	53.3
13.	12.00	53.3	60.5	51.8	49.	15.00	62.7	81.0	55.6	85.	18.00	55.0	61.7	53.5
14.	12.05	52.8	57.1	51.7	50.	15.05	59.3	70.5	57.2	86.	18.05	54.8	58.7	53.5
15.	12.10	52.9	57.0	51.7	51.	15.10	61.2	70.4	57.6	87.	18.10	54.1	56.9	53.3
16.	12.15	53.1	59.0	51.7	52.	15.15	63.1	75.0	57.9	88.	18.15	54.4	57.0	53.1
17.	12.20	52.9	56.2	51.8	53.	15.20	58.7	74.3	53.5	89.	18.20	54.6	57.2	53.1
18.	12.25	52.7	59.1	51.4	54.	15.25	58.2	66.7	54.1	90.	18.25	53.6	57.5	52.9
19.	12.30	58.9	70.6	51.6	55.	15.30	62.6	77.9	57.7	91.	18.30	55.0	60.6	53.2
20.	12.35	61.6	84.6	55.0	56.	15.35	59.4	69.3	53.0	92.	18.35	53.7	60.0	52.8
21.	12.40	55.6	65.2	51.7	57.	15.40	58.7	67.7	54.0	93.	18.40	53.9	58.1	53.0
22.	12.45	59.3	72.6	52.2	58.	15.45	60.2	70.7	57.4	94.	18.45	53.6	55.9	52.6
23.	12.50	57.6	68.7	52.4	59.	15.50	61.0	70.5	53.8	95.	18.50	53.8	55.3	53.0
24.	12.55	59.6	70.6	52.9	60.	15.55	60.6	70.6	57.4	96.	18.55	53.4	55.8	52.7
25.	13.00	58.7	72.6	53.1	61.	16.00	60.8	70.9	56.1	97.	19.00	53.5	57.6	52.7
26.	13.05	59.7	73.8	53.1	62.	16.05	58.5	69.2	52.7	98.	19.05	54.3	56.5	53.0
27.	13.10	58.6	74.2	54.4	63.	16.10	58.1	66.5	53.4	99.	19.10	54.5	57.3	53.0
28.	13.15	59.4	71.7	53.5	64.	16.15	57.7	63.5	57.0	100.	19.15	54.0	60.5	53.2
29.	13.20	62.0	74.4	57.8	65.	16.20	55.4	65.9	52.6	101.	19.20	53.6	58.4	52.7
30.	13.25	61.4	74.8	57.8	66.	16.25	57.6	64.9	54.1	102.	19.25	56.0	57.9	55.4
31.	13.30	61.0	73.7	54.6	67.	16.30	59.8	76.0	58.1	103.	19.30	54.1	57.1	52.4
32.	13.35	60.9	71.1	57.7	68.	16.35	56.6	72.7	53.2	104.	19.35	53.9	67.6	52.5
33.	13.40	61.2	74.7	54.4	69.	16.40	54.7	74.9	52.7	105.	19.40	53.1	59.3	52.2
34.	13.45	59.9	77.9	57.2	70.	16.45	55.6	73.9	53.0	106.	19.45	53.1	59.5	52.3
35.	13.50	59.3	66.9	57.3	71.	16.50	66.8	87.8	52.9	107.	19.50	53.1	55.9	52.3
36.	13.55	59.1	70.1	53.3	72.	16.55	56.0	70.5	53.0	108.	19.55	53.0	56.6	52.3

**TET**

Thai Environmental Technic Limited

บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(16/2-3)

วิธีวัดโครงการด้านทิศเหนือ														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		07-08/12/22					07-08/12/22					07-08/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
109.	20.00	53.1	55.5	52.2	145.	23.00	52.1	53.7	51.3	181.	02.00	52.1	53.7	51.1
110.	20.05	53.2	59.1	52.5	146.	23.05	52.2	54.7	51.3	182.	02.05	52.2	55.4	51.1
111.	20.10	53.2	56.1	52.5	147.	23.10	52.3	54.7	51.4	183.	02.10	52.1	54.2	51.1
112.	20.15	53.2	61.5	52.4	148.	23.15	52.4	54.0	51.5	184.	02.15	52.3	54.5	51.2
113.	20.20	53.1	55.4	52.4	149.	23.20	52.5	54.0	51.6	185.	02.20	52.2	54.3	51.2
114.	20.25	53.1	56.7	52.3	150.	23.25	52.3	53.7	51.5	186.	02.25	52.0	54.6	51.0
115.	20.30	53.4	55.0	52.7	151.	23.30	52.1	53.6	51.2	187.	02.30	52.0	54.4	51.0
116.	20.35	53.3	56.4	52.6	152.	23.35	52.3	53.8	51.4	188.	02.35	52.0	54.2	51.0
117.	20.40	53.3	56.9	52.7	153.	23.40	52.5	54.0	51.6	189.	02.40	52.2	54.7	51.1
118.	20.45	54.4	65.9	52.7	154.	23.45	52.4	53.7	51.4	190.	02.45	52.0	53.8	51.0
119.	20.50	53.1	54.5	52.4	155.	23.50	52.7	54.1	51.8	191.	02.50	52.0	53.8	51.0
120.	20.55	53.4	60.5	52.4	156.	23.55	52.6	54.0	51.7	192.	02.55	52.4	54.8	51.2
121.	21.00	53.0	55.0	52.3	157.	00.00	52.5	53.9	51.6	193.	03.00	53.2	56.1	51.4
122.	21.05	53.1	55.3	52.3	158.	00.05	52.3	53.8	51.4	194.	03.05	52.0	53.5	51.0
123.	21.10	53.2	54.5	52.5	159.	00.10	52.4	54.2	51.4	195.	03.10	52.1	54.9	51.1
124.	21.15	53.2	54.5	52.6	160.	00.15	52.4	53.8	51.5	196.	03.15	52.0	53.6	51.0
125.	21.20	53.0	54.2	52.4	161.	00.20	52.5	54.0	51.6	197.	03.20	52.1	53.6	51.1
126.	21.25	53.0	54.3	52.3	162.	00.25	52.8	54.2	51.9	198.	03.25	52.0	53.8	51.1
127.	21.30	53.1	55.2	52.4	163.	00.30	52.7	53.9	51.9	199.	03.30	52.0	54.0	51.1
128.	21.35	53.2	56.5	52.5	164.	00.35	52.2	53.7	51.3	200.	03.35	52.1	54.7	51.1
129.	21.40	53.3	55.5	52.5	165.	00.40	52.3	55.6	51.5	201.	03.40	52.0	53.7	51.1
130.	21.45	53.2	54.4	52.6	166.	00.45	52.3	53.7	51.4	202.	03.45	52.0	54.3	51.0
131.	21.50	53.1	56.1	52.4	167.	00.50	52.3	53.9	51.4	203.	03.50	52.1	53.5	51.1
132.	21.55	53.2	54.9	52.4	168.	00.55	52.4	53.9	51.4	204.	03.55	52.1	53.8	51.1
133.	22.00	53.1	54.3	52.4	169.	01.00	52.4	54.0	51.5	205.	04.00	52.0	54.0	51.1
134.	22.05	53.0	54.3	52.3	170.	01.05	52.4	56.3	51.5	206.	04.05	51.9	53.8	51.0
135.	22.10	53.0	60.3	52.2	171.	01.10	52.5	54.3	51.6	207.	04.10	52.0	53.6	51.1
136.	22.15	52.7	55.0	51.9	172.	01.15	52.6	54.1	51.5	208.	04.15	51.9	53.6	51.0
137.	22.20	52.6	53.9	51.9	173.	01.20	53.0	54.7	51.6	209.	04.20	51.9	53.5	51.0
138.	22.25	52.6	54.0	51.9	174.	01.25	52.9	55.2	51.4	210.	04.25	51.9	53.6	51.0
139.	22.30	52.6	53.9	51.9	175.	01.30	53.9	55.6	53.2	211.	04.30	51.9	53.5	51.0
140.	22.35	52.5	53.9	51.6	176.	01.35	54.0	55.5	53.2	212.	04.35	51.9	53.4	51.0
141.	22.40	52.4	53.8	51.5	177.	01.40	53.2	55.3	51.8	213.	04.40	52.0	53.8	51.1
142.	22.45	52.2	57.6	51.4	178.	01.45	52.5	54.5	51.5	214.	04.45	52.2	53.6	51.2
143.	22.50	52.2	54.0	51.3	179.	01.50	52.6	55.9	51.6	215.	04.50	52.2	53.5	51.3
144.	22.55	52.2	54.4	51.3	180.	01.55	52.1	54.1	51.1	216.	04.55	52.1	53.5	51.2

**TET**

Thai Environmental Technic Limited
บริษัท เทคนิกลิ่งแวดล้อมไทย จำกัด

(16/3-3)

รื้อรื้อโครงการด้านทิศเหนือ														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		07-08/12/22					07-08/12/22					07-08/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
217.	05.00	52.1	53.5	51.2	241.	07.00	53.1	57.8	51.5	265.	09.00	59.7	71.0	53.7
218.	05.05	52.2	53.6	51.3	242.	07.05	57.0	67.6	53.8	266.	09.05	60.6	70.8	54.9
219.	05.10	52.3	58.0	51.4	243.	07.10	56.5	66.2	54.7	267.	09.10	59.6	70.7	57.6
220.	05.15	52.5	54.2	51.5	244.	07.15	56.4	61.3	53.7	268.	09.15	61.0	75.0	55.7
221.	05.20	52.6	54.7	51.6	245.	07.20	56.2	66.5	54.0	269.	09.20	56.7	68.7	53.8
222.	05.25	52.5	54.2	51.5	246.	07.25	59.4	82.3	55.0	270.	09.25	56.5	64.4	53.6
223.	05.30	52.4	60.4	51.3	247.	07.30	57.3	75.2	53.9	271.	09.30	56.4	65.3	54.1
224.	05.35	52.5	57.6	51.3	248.	07.35	55.8	64.7	53.3	272.	09.35	60.0	64.6	57.7
225.	05.40	52.6	61.6	51.4	249.	07.40	63.7	84.1	54.5	273.	09.40	60.3	67.0	58.3
226.	05.45	52.4	56.5	51.3	250.	07.45	63.3	76.9	53.9	274.	09.45	61.7	74.2	56.0
227.	05.50	52.4	55.3	51.2	251.	07.50	59.6	69.3	53.8	275.	09.50	65.2	84.4	59.0
228.	05.55	52.4	58.1	51.2	252.	07.55	62.5	75.2	56.0	276.	09.55	63.0	75.1	59.4
229.	06.00	52.2	54.5	51.2	253.	08.00	63.6	83.7	55.0	277.	10.00	61.1	69.9	56.5
230.	06.05	52.4	57.2	51.2	254.	08.05	62.2	84.0	55.7	278.	10.05	58.9	78.0	56.1
231.	06.10	52.2	54.7	51.2	255.	08.10	64.7	84.0	56.5	279.	10.10	62.7	78.9	58.0
232.	06.15	52.6	65.0	51.3	256.	08.15	60.5	74.2	56.3	280.	10.15	62.9	79.9	59.5
233.	06.20	52.5	62.7	51.1	257.	08.20	60.7	72.9	55.9	281.	10.20	59.3	73.2	55.9
234.	06.25	52.3	62.1	51.1	258.	08.25	59.9	80.3	55.0	282.	10.25	55.3	66.1	53.3
235.	06.30	52.7	62.1	51.5	259.	08.30	58.3	69.2	55.2	283.	10.30	55.2	65.3	53.2
236.	06.35	53.1	74.0	51.3	260.	08.35	57.7	73.8	54.6	284.	10.35	56.0	70.2	53.3
237.	06.40	52.7	58.1	51.3	261.	08.40	57.7	67.0	53.9	285.	10.40	55.7	70.0	53.6
238.	06.45	52.3	57.8	51.2	262.	08.45	59.1	69.1	54.9	286.	10.45	55.0	63.2	52.9
239.	06.50	52.5	58.5	51.3	263.	08.50	60.9	69.0	58.6	287.	10.50	55.4	61.2	53.3
240.	06.55	52.5	59.1	51.3	264.	08.55	59.9	70.8	57.4	288.	10.55	54.7	57.3	53.6

Wannasiri S.

Wannasiri Suriyawong

*Somchai P.*Somchai Piyavorasakul
General Manager



Thai Environmental Technic Limited

บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ตะวันแดง 1999 จำกัด

Report No. : 3581/2022/17-42

Project : โครงการโรงงานผลิตแอลกอฮอล์และสุรา (ส่วนขยาย ครั้งที่ 1)
(ระยะดำเนินการ)

Report Date : December 19, 2022

Sampling Date : December 6-13, 2022

Address : เลขที่ 88 หมู่ที่ 15 บ้านเขาน้อย ตำบลหนองแขง
อำเภอหันคา จังหวัดชัยนาท

Type of Sample : Sound Level

Job No. : S650153/Dec

(17/1-3)

รวมรั้วโครงการด้านทิศเหนือ														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		08-09/12/22					08-09/12/22					08-09/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
1.	11:00	54.2	61.3	53.2	37.	14:00	56.8	64.8	55.0	73.	17:00	56.4	62.3	55.8
2.	11:05	54.0	57.4	53.0	38.	14:05	56.6	65.8	54.9	74.	17:05	56.7	58.9	56.2
3.	11:10	55.0	61.2	53.5	39.	14:10	56.9	65.9	55.4	75.	17:10	57.1	62.0	56.2
4.	11:15	54.3	60.7	53.1	40.	14:15	57.4	65.2	55.9	76.	17:15	56.8	58.7	55.9
5.	11:20	53.8	59.1	52.5	41.	14:20	56.4	58.2	55.7	77.	17:20	57.3	60.0	56.4
6.	11:25	54.1	56.2	53.2	42.	14:25	57.1	71.8	55.4	78.	17:25	57.9	60.4	57.0
7.	11:30	55.3	63.5	53.6	43.	14:30	55.8	61.4	54.7	79.	17:30	57.2	59.5	56.6
8.	11:35	54.6	61.1	53.5	44.	14:35	55.0	61.1	54.3	80.	17:35	57.4	60.0	56.7
9.	11:40	54.8	64.3	53.5	45.	14:40	55.4	64.0	54.5	81.	17:40	57.1	59.9	56.2
10.	11:45	54.8	60.0	53.7	46.	14:45	55.9	61.9	55.0	82.	17:45	57.1	62.0	56.3
11.	11:50	54.3	59.1	53.1	47.	14:50	56.5	63.7	55.2	83.	17:50	58.8	73.5	56.5
12.	11:55	54.0	59.2	52.8	48.	14:55	56.1	59.3	53.3	84.	17:55	57.0	60.0	56.4
13.	12:00	54.8	62.4	53.5	49.	15:00	56.3	61.3	55.5	85.	18:00	57.1	58.3	56.6
14.	12:05	54.0	58.1	52.7	50.	15:05	57.3	62.3	56.3	86.	18:05	56.6	58.5	56.1
15.	12:10	54.5	60.6	52.6	51.	15:10	57.8	60.1	57.0	87.	18:10	57.4	69.0	56.2
16.	12:15	54.1	57.3	52.9	52.	15:15	57.8	65.9	56.9	88.	18:15	57.4	65.5	56.8
17.	12:20	55.5	61.3	53.5	53.	15:20	57.2	59.4	56.5	89.	18:20	56.9	58.0	56.4
18.	12:25	54.3	58.2	52.8	54.	15:25	57.3	60.6	56.5	90.	18:25	56.7	57.9	56.1
19.	12:30	54.4	58.0	53.0	55.	15:30	57.0	59.1	56.2	91.	18:30	56.3	61.5	55.7
20.	12:35	55.1	59.2	53.8	56.	15:35	57.1	60.1	56.1	92.	18:35	55.8	57.8	55.1
21.	12:40	55.5	61.8	54.5	57.	15:40	56.9	61.0	56.2	93.	18:40	55.7	59.2	55.0
22.	12:45	55.9	64.3	54.3	58.	15:45	57.6	59.6	56.5	94.	18:45	56.1	58.0	55.6
23.	12:50	56.0	63.6	54.3	59.	15:50	58.7	66.1	56.9	95.	18:50	56.6	60.5	56.2
24.	12:55	55.1	61.8	53.1	60.	15:55	59.9	65.1	57.1	96.	18:55	55.9	57.2	55.2
25.	13:00	54.4	64.2	53.0	61.	16:00	57.4	59.9	56.5	97.	19:00	55.3	56.6	54.7
26.	13:05	55.4	62.6	53.8	62.	16:05	57.1	61.1	56.4	98.	19:05	55.0	56.0	54.4
27.	13:10	55.4	64.0	53.5	63.	16:10	57.5	60.7	56.6	99.	19:10	55.8	57.3	55.2
28.	13:15	55.6	63.5	53.8	64.	16:15	57.6	66.2	57.0	100.	19:15	55.8	60.7	55.1
29.	13:20	54.4	57.4	52.5	65.	16:20	57.8	59.9	57.1	101.	19:20	55.4	59.4	54.7
30.	13:25	54.8	60.3	53.8	66.	16:25	57.4	58.9	56.5	102.	19:25	55.7	57.3	55.1
31.	13:30	54.2	56.9	53.3	67.	16:30	56.7	58.3	56.2	103.	19:30	55.9	57.4	55.5
32.	13:35	54.8	58.8	53.5	68.	16:35	56.2	58.9	55.5	104.	19:35	55.8	60.7	55.1
33.	13:40	54.4	66.2	53.2	69.	16:40	56.4	57.8	55.9	105.	19:40	55.9	57.2	55.1
34.	13:45	54.2	58.4	53.4	70.	16:45	56.8	58.0	56.3	106.	19:45	55.4	56.9	54.7
35.	13:50	55.0	60.8	54.1	71.	16:50	56.7	58.5	56.2	107.	19:50	55.5	58.4	54.8
36.	13:55	56.4	67.2	54.5	72.	16:55	56.8	61.9	55.9	108.	19:55	55.3	57.8	54.6

**TET**

Thai Environmental Technic Limited

บริษัท เทคนิกลิ่งแวดล้อมไทย จำกัด

(17/2-3)

รับจ้างโครงการด้านทิศเหนือ														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		08-09/12/22					08-09/12/22					08-09/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
109.	20.00	55.5	57.0	54.8	145.	23.00	54.6	70.0	53.2	181.	02.00	51.9	53.3	51.3
110.	20.05	56.1	57.1	55.6	146.	23.05	54.6	56.1	54.0	182.	02.05	52.0	53.3	51.4
111.	20.10	56.1	57.9	55.6	147.	23.10	54.8	56.3	54.2	183.	02.10	52.3	54.8	51.6
112.	20.15	56.4	60.1	55.7	148.	23.15	54.9	56.3	54.2	184.	02.15	52.0	53.0	51.5
113.	20.20	56.1	61.3	55.1	149.	23.20	55.2	56.9	54.5	185.	02.20	52.4	58.6	51.8
114.	20.25	55.5	57.1	55.0	150.	23.25	53.8	56.4	53.0	186.	02.25	52.5	62.9	51.6
115.	20.30	55.5	56.6	55.0	151.	23.30	53.6	55.4	52.9	187.	02.30	52.6	54.1	51.8
116.	20.35	56.0	59.3	55.4	152.	23.35	53.5	55.2	52.9	188.	02.35	52.9	61.5	52.0
117.	20.40	56.1	58.0	55.6	153.	23.40	53.6	55.4	52.9	189.	02.40	52.7	59.2	51.8
118.	20.45	55.9	58.1	55.4	154.	23.45	53.3	55.7	52.7	190.	02.45	53.3	60.3	52.2
119.	20.50	55.7	57.4	55.2	155.	23.50	53.6	55.2	52.9	191.	02.50	53.7	65.7	52.3
120.	20.55	55.9	58.4	55.4	156.	23.55	52.7	54.0	52.0	192.	02.55	54.4	66.4	52.4
121.	21.00	55.7	58.1	55.1	157.	00.00	52.8	54.0	52.1	193.	03.00	55.2	61.5	53.9
122.	21.05	55.5	56.5	55.0	158.	00.05	52.5	54.4	51.9	194.	03.05	54.4	62.6	53.4
123.	21.10	55.4	57.6	54.8	159.	00.10	52.8	54.2	52.2	195.	03.10	54.4	61.2	52.8
124.	21.15	55.6	57.5	55.2	160.	00.15	54.2	55.3	53.5	196.	03.15	53.8	63.9	51.9
125.	21.20	55.9	67.0	55.2	161.	00.20	54.1	55.5	53.5	197.	03.20	54.9	64.0	52.5
126.	21.25	58.6	69.6	55.2	162.	00.25	54.0	55.4	53.4	198.	03.25	54.2	66.2	52.1
127.	21.30	55.4	56.6	54.8	163.	00.30	54.1	55.4	53.5	199.	03.30	54.6	64.6	52.4
128.	21.35	55.5	56.7	54.8	164.	00.35	54.1	55.3	53.4	200.	03.35	53.3	57.8	52.2
129.	21.40	56.3	57.4	55.7	165.	00.40	54.3	55.4	53.6	201.	03.40	55.4	71.6	52.6
130.	21.45	56.4	58.8	55.7	166.	00.45	54.0	55.4	53.3	202.	03.45	54.9	74.4	52.4
131.	21.50	56.3	57.7	55.7	167.	00.50	53.8	58.1	53.2	203.	03.50	56.7	70.5	52.2
132.	21.55	56.1	57.9	55.5	168.	00.55	54.2	55.6	53.4	204.	03.55	54.1	57.7	53.0
133.	22.00	56.4	58.5	55.8	169.	01.00	54.6	57.6	53.8	205.	04.00	53.9	59.0	53.1
134.	22.05	56.2	58.8	55.7	170.	01.05	54.4	56.0	53.7	206.	04.05	54.1	58.3	52.8
135.	22.10	55.9	57.2	55.4	171.	01.10	54.3	59.7	53.5	207.	04.10	54.0	59.0	52.9
136.	22.15	55.9	57.4	55.3	172.	01.15	54.1	55.9	53.4	208.	04.15	53.9	59.2	52.8
137.	22.20	55.7	58.7	54.8	173.	01.20	54.0	56.0	53.3	209.	04.20	53.9	57.0	53.0
138.	22.25	55.7	57.4	55.1	174.	01.25	54.0	55.4	53.3	210.	04.25	53.8	64.9	52.2
139.	22.30	55.4	56.7	54.7	175.	01.30	53.7	55.4	53.1	211.	04.30	53.5	58.0	52.4
140.	22.35	55.1	56.6	54.4	176.	01.35	51.5	54.2	50.8	212.	04.35	52.7	59.7	51.6
141.	22.40	54.9	56.4	54.3	177.	01.40	51.6	53.5	50.9	213.	04.40	53.7	66.9	52.0
142.	22.45	54.5	56.6	52.9	178.	01.45	51.7	53.2	51.0	214.	04.45	53.1	60.7	52.0
143.	22.50	53.3	54.9	52.6	179.	01.50	51.5	57.7	51.0	215.	04.50	54.5	68.7	52.3
144.	22.55	53.1	54.9	52.5	180.	01.55	51.9	53.7	51.3	216.	04.55	53.3	67.9	51.7



Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(17/3-3)

วิธีวัดโครงการด้านทิศเหนือ														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		08-09/12/22					08-09/12/22					08-09/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
217.	05.00	54.4	62.9	52.0	241.	07.00	55.2	65.6	53.0	265.	09.00	54.6	59.2	53.5
218.	05.05	54.8	64.6	52.5	242.	07.05	54.3	62.6	52.8	266.	09.05	54.8	56.4	54.0
219.	05.10	56.0	67.2	52.2	243.	07.10	58.0	70.7	52.7	267.	09.10	55.2	60.4	54.3
220.	05.15	54.1	61.6	52.5	244.	07.15	56.1	68.8	52.8	268.	09.15	55.6	58.7	54.8
221.	05.20	53.4	58.8	52.1	245.	07.20	56.3	64.4	55.2	269.	09.20	55.1	62.9	54.3
222.	05.25	53.4	60.6	52.1	246.	07.25	56.1	60.3	55.2	270.	09.25	55.4	65.1	54.5
223.	05.30	54.4	66.5	52.4	247.	07.30	56.6	70.5	55.4	271.	09.30	54.6	58.8	53.8
224.	05.35	56.0	65.8	53.5	248.	07.35	56.2	63.1	54.8	272.	09.35	54.7	61.0	53.7
225.	05.40	55.3	62.7	53.9	249.	07.40	57.7	67.3	54.8	273.	09.40	54.4	59.3	53.2
226.	05.45	54.8	59.4	53.7	250.	07.45	56.7	62.2	55.3	274.	09.45	53.9	59.9	52.7
227.	05.50	55.4	61.2	54.2	251.	07.50	55.2	61.3	54.0	275.	09.50	53.5	59.5	52.7
228.	05.55	56.3	64.3	54.1	252.	07.55	55.0	63.1	53.5	276.	09.55	55.0	68.8	52.8
229.	06.00	66.4	79.7	54.8	253.	08.00	54.3	59.8	52.9	277.	10.00	54.5	63.0	53.3
230.	06.05	57.8	71.8	53.8	254.	08.05	54.3	60.7	53.3	278.	10.05	55.2	67.7	53.7
231.	06.10	55.4	60.7	53.3	255.	08.10	56.9	68.4	53.6	279.	10.10	54.8	59.8	53.6
232.	06.15	54.2	61.3	52.8	256.	08.15	56.8	69.4	53.1	280.	10.15	54.6	64.3	53.6
233.	06.20	54.6	61.5	53.1	257.	08.20	55.6	63.9	53.6	281.	10.20	56.0	69.7	54.5
234.	06.25	58.4	73.4	53.5	258.	08.25	55.0	61.0	53.6	282.	10.25	55.7	61.2	54.4
235.	06.30	54.6	69.3	52.8	259.	08.30	54.8	61.9	53.3	283.	10.30	55.4	62.5	53.9
236.	06.35	54.1	61.7	52.9	260.	08.35	60.1	76.1	54.0	284.	10.35	54.8	61.1	54.0
237.	06.40	55.5	70.4	53.0	261.	08.40	54.8	62.3	53.6	285.	10.40	56.2	63.8	54.3
238.	06.45	54.0	63.4	52.8	262.	08.45	54.3	58.0	53.6	286.	10.45	57.6	77.6	55.5
239.	06.50	53.5	57.9	52.5	263.	08.50	54.3	59.2	53.4	287.	10.50	56.3	60.8	55.6
240.	06.55	54.8	75.8	52.5	264.	08.55	53.7	56.0	52.6	288.	10.55	57.1	62.3	56.0

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager



Thai Environmental Technic Limited

บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ตะวันแดง 1999 จำกัด

Report No. : 3581/2022/18-42

Project : โครงการโรงงานผลิตแอลกอฮอล์และสุรา (ส่วนขยาย ครั้งที่ 1)
(ระยะดำเนินการ)

Report Date : December 19, 2022

Sampling Date : December 6-13, 2022

Address : เลขที่ 88 หมู่ที่ 15 บ้านเขาน้อย ตำบลหนองแขง
อำเภอหันคา จังหวัดชัยนาท

Type of Sample : Sound Level

Job No. : S650153/Dec

(18/1-3)

จิมข้าวโครงการด้านทิศเหนือ														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		09-10/12/22					09-10/12/22					09-10/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
1.	11.00	56.8	60.3	55.8	37.	14.00	55.2	57.6	54.6	73.	17.00	56.3	57.5	55.6
2.	11.05	56.7	63.8	55.4	38.	14.05	55.6	58.1	54.9	74.	17.05	56.4	62.2	55.9
3.	11.10	56.6	61.7	55.2	39.	14.10	55.9	68.4	55.2	75.	17.10	56.5	63.4	55.8
4.	11.15	55.6	59.2	55.0	40.	14.15	55.6	61.8	54.8	76.	17.15	56.5	62.6	55.3
5.	11.20	55.7	63.9	54.9	41.	14.20	55.6	60.2	55.0	77.	17.20	56.5	57.7	55.9
6.	11.25	55.3	61.5	54.4	42.	14.25	55.5	59.7	54.9	78.	17.25	57.0	57.9	56.5
7.	11.30	55.2	62.9	54.0	43.	14.30	55.7	63.9	55.2	79.	17.30	57.0	58.3	56.5
8.	11.35	54.6	60.9	53.7	44.	14.35	55.8	57.7	55.2	80.	17.35	56.6	58.5	56.0
9.	11.40	55.9	67.5	53.8	45.	14.40	55.7	57.4	55.2	81.	17.40	56.5	57.7	56.0
10.	11.45	55.4	67.2	53.6	46.	14.45	55.9	58.0	55.5	82.	17.45	55.6	58.9	55.0
11.	11.50	55.1	62.4	53.8	47.	14.50	55.9	57.9	55.5	83.	17.50	55.2	56.4	54.6
12.	11.55	54.4	59.5	53.6	48.	14.55	55.9	58.0	55.4	84.	17.55	54.9	56.6	54.3
13.	12.00	55.2	60.5	53.8	49.	15.00	56.3	61.5	55.6	85.	18.00	55.5	56.9	54.8
14.	12.05	55.5	61.9	54.4	50.	15.05	59.5	75.6	55.9	86.	18.05	55.6	57.0	54.8
15.	12.10	55.4	67.2	54.1	51.	15.10	63.2	80.5	55.7	87.	18.10	55.6	56.9	54.8
16.	12.15	55.3	67.5	54.2	52.	15.15	62.9	80.6	55.7	88.	18.15	55.8	56.9	55.3
17.	12.20	54.6	61.5	53.3	53.	15.20	62.7	80.5	55.7	89.	18.20	55.6	56.7	55.2
18.	12.25	54.8	63.7	53.5	54.	15.25	58.6	60.9	57.9	90.	18.25	55.8	56.6	55.4
19.	12.30	54.3	58.2	53.2	55.	15.30	57.5	60.7	56.7	91.	18.30	55.7	61.2	55.2
20.	12.35	54.4	58.6	53.5	56.	15.35	56.7	59.2	56.0	92.	18.35	55.5	57.2	55.0
21.	12.40	54.6	63.6	53.8	57.	15.40	57.1	59.4	56.2	93.	18.40	55.8	57.2	55.4
22.	12.45	55.0	72.6	53.7	58.	15.45	57.3	59.4	56.6	94.	18.45	56.1	57.2	55.7
23.	12.50	54.5	57.1	53.7	59.	15.50	57.2	59.6	56.6	95.	18.50	56.3	59.9	55.9
24.	12.55	54.3	56.2	53.7	60.	15.55	56.8	58.3	56.1	96.	18.55	56.5	60.8	55.6
25.	13.00	54.9	56.6	54.2	61.	16.00	57.0	61.4	56.4	97.	19.00	56.1	64.7	55.5
26.	13.05	54.7	56.2	53.9	62.	16.05	56.5	58.3	55.4	98.	19.05	56.1	57.4	55.6
27.	13.10	55.2	56.7	54.6	63.	16.10	55.8	57.4	55.2	99.	19.10	55.8	56.6	55.2
28.	13.15	55.5	64.5	54.6	64.	16.15	55.8	57.7	55.3	100.	19.15	54.9	57.8	54.2
29.	13.20	55.3	56.4	54.8	65.	16.20	57.7	85.5	55.4	101.	19.20	55.0	56.8	54.0
30.	13.25	55.6	58.1	54.7	66.	16.25	56.5	79.4	55.5	102.	19.25	55.0	56.7	54.2
31.	13.30	55.2	58.4	54.6	67.	16.30	56.5	58.7	56.1	103.	19.30	55.4	56.6	54.7
32.	13.35	55.6	61.5	54.6	68.	16.35	56.6	58.3	56.2	104.	19.35	55.6	58.1	55.0
33.	13.40	55.3	58.0	54.6	69.	16.40	57.1	59.0	56.5	105.	19.40	55.9	57.1	55.3
34.	13.45	55.9	60.0	55.2	70.	16.45	56.8	58.4	56.3	106.	19.45	56.1	58.2	55.2
35.	13.50	55.6	57.6	55.1	71.	16.50	56.4	58.5	55.2	107.	19.50	56.7	59.3	55.2
36.	13.55	55.5	61.2	54.7	72.	16.55	55.8	58.8	55.2	108.	19.55	55.6	56.7	55.1

**TET**

Thai Environmental Technic Limited
บริษัท เทคนิกลีงแวดล้อมไทย จำกัด

(18/2-2)

วิธีวัดโครงการด้านทิศเหนือ														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		09-10/12/22					09-10/12/22					09-10/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
109.	20.00	56.1	57.3	55.5	145.	23.00	54.8	55.5	54.2	181.	02.00	56.6	62.0	55.8
110.	20.05	56.1	58.4	55.4	146.	23.05	54.8	55.7	54.3	182.	02.05	56.8	63.7	55.5
111.	20.10	55.9	72.1	55.2	147.	23.10	55.3	56.1	54.7	183.	02.10	57.0	71.7	55.0
112.	20.15	56.0	59.1	55.3	148.	23.15	55.7	56.7	55.2	184.	02.15	57.9	72.8	55.6
113.	20.20	55.9	57.5	55.3	149.	23.20	55.2	56.5	54.6	185.	02.20	57.7	70.0	55.6
114.	20.25	56.2	59.4	55.6	150.	23.25	55.0	56.1	54.5	186.	02.25	56.4	62.3	55.5
115.	20.30	56.0	57.1	55.4	151.	23.30	55.0	56.4	54.5	187.	02.30	56.5	65.3	55.5
116.	20.35	55.8	58.5	55.0	152.	23.35	55.3	56.4	54.7	188.	02.35	57.0	69.2	55.6
117.	20.40	56.2	58.8	55.7	153.	23.40	55.6	58.3	55.0	189.	02.40	55.8	61.3	54.6
118.	20.45	56.3	57.5	55.8	154.	23.45	55.6	56.8	55.1	190.	02.45	56.1	61.4	54.4
119.	20.50	56.5	57.6	55.9	155.	23.50	55.2	59.2	54.6	191.	02.50	56.7	69.3	54.4
120.	20.55	56.8	57.8	56.3	156.	23.55	55.0	56.3	54.3	192.	02.55	56.8	75.6	54.3
121.	21.00	56.8	57.8	56.3	157.	00.00	54.9	56.6	54.3	193.	03.00	56.4	68.7	54.5
122.	21.05	56.9	58.4	56.4	158.	00.05	54.1	55.3	53.5	194.	03.05	56.3	62.7	54.7
123.	21.10	57.0	58.1	56.5	159.	00.10	54.2	55.1	53.5	195.	03.10	55.5	63.6	54.5
124.	21.15	57.2	58.3	56.6	160.	00.15	53.9	55.6	53.2	196.	03.15	55.6	61.5	54.5
125.	21.20	56.7	60.0	56.0	161.	00.20	53.8	55.7	52.9	197.	03.20	56.3	61.6	54.9
126.	21.25	56.5	57.6	56.0	162.	00.25	53.7	55.7	52.9	198.	03.25	56.1	61.7	54.9
127.	21.30	55.5	57.1	54.8	163.	00.30	53.9	57.3	53.1	199.	03.30	55.7	65.3	54.4
128.	21.35	54.7	55.8	54.0	164.	00.35	55.8	74.2	53.7	200.	03.35	56.5	66.1	55.5
129.	21.40	54.8	56.3	54.2	165.	00.40	57.8	63.6	57.2	201.	03.40	56.6	68.8	55.1
130.	21.45	54.6	55.9	54.0	166.	00.45	57.4	59.4	56.7	202.	03.45	57.0	73.8	55.4
131.	21.50	54.6	56.0	53.9	167.	00.50	57.8	60.7	57.1	203.	03.50	57.6	70.1	56.2
132.	21.55	54.7	55.9	54.2	168.	00.55	57.9	60.0	57.1	204.	03.55	56.7	60.7	55.2
133.	22.00	54.9	55.9	54.3	169.	01.00	64.0	95.4	56.9	205.	04.00	57.4	74.0	54.9
134.	22.05	55.4	56.7	54.6	170.	01.05	57.1	59.7	56.1	206.	04.05	55.5	62.0	54.6
135.	22.10	55.7	58.0	55.3	171.	01.10	58.8	87.6	55.6	207.	04.10	57.2	79.3	55.0
136.	22.15	55.6	56.5	55.2	172.	01.15	56.3	59.5	55.6	208.	04.15	58.5	82.5	55.5
137.	22.20	55.7	57.0	55.3	173.	01.20	55.5	58.9	54.6	209.	04.20	59.4	84.6	55.1
138.	22.25	56.3	59.4	55.4	174.	01.25	58.9	87.1	54.8	210.	04.25	56.7	69.5	55.1
139.	22.30	56.3	57.3	55.7	175.	01.30	56.1	62.7	55.0	211.	04.30	56.8	66.5	55.2
140.	22.35	56.1	57.4	55.6	176.	01.35	56.8	81.3	54.3	212.	04.35	56.9	70.7	55.5
141.	22.40	55.9	56.7	55.5	177.	01.40	55.3	76.3	54.9	213.	04.40	56.9	67.6	55.6
142.	22.45	55.8	57.6	54.6	178.	01.45	59.5	79.5	55.0	214.	04.45	56.3	61.7	55.1
143.	22.50	55.1	56.8	54.4	179.	01.50	56.3	64.3	55.2	215.	04.50	56.4	66.8	55.1
144.	22.55	55.2	58.3	54.6	180.	01.55	56.7	66.1	55.3	216.	04.55	57.4	67.0	55.1

**TET**

Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(18/3-3)

วิธีวัดโครงการด้านทิศเหนือ														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		09-10/12/22					09-10/12/22					09-10/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
217.	05.00	56.3	73.5	54.8	241.	07.00	57.7	66.8	55.4	265.	09.00	56.1	65.9	54.1
218.	05.05	56.1	61.6	55.2	242.	07.05	55.0	64.7	53.8	266.	09.05	55.4	61.3	54.1
219.	05.10	56.6	74.9	54.9	243.	07.10	56.5	67.6	54.4	267.	09.10	56.5	66.7	54.0
220.	05.15	56.8	63.5	55.7	244.	07.15	57.3	67.8	55.0	268.	09.15	55.7	64.5	53.8
221.	05.20	56.1	62.4	55.2	245.	07.20	56.1	62.7	54.7	269.	09.20	55.2	61.7	53.9
222.	05.25	57.4	65.8	55.5	246.	07.25	55.4	57.9	54.4	270.	09.25	56.1	65.5	54.1
223.	05.30	56.6	60.9	55.4	247.	07.30	54.9	58.1	53.9	271.	09.30	55.2	61.5	54.1
224.	05.35	55.9	63.7	54.9	248.	07.35	55.1	59.3	54.2	272.	09.35	55.3	62.0	53.8
225.	05.40	56.1	59.9	55.3	249.	07.40	54.8	60.1	53.7	273.	09.40	56.1	66.9	54.1
226.	05.45	56.3	61.1	55.3	250.	07.45	54.9	59.5	53.8	274.	09.45	55.5	62.8	54.3
227.	05.50	56.7	67.9	55.0	251.	07.50	55.0	62.0	54.0	275.	09.50	56.1	64.3	54.3
228.	05.55	56.7	66.3	55.7	252.	07.55	54.6	58.7	53.6	276.	09.55	57.3	69.7	54.5
229.	06.00	57.8	67.3	55.7	253.	08.00	55.1	68.5	53.6	277.	10.00	55.7	67.0	54.3
230.	06.05	57.3	64.2	55.6	254.	08.05	54.6	61.7	53.5	278.	10.05	56.3	66.4	54.5
231.	06.10	58.1	67.6	55.8	255.	08.10	55.0	62.6	54.0	279.	10.10	55.3	59.8	54.3
232.	06.15	56.2	60.0	55.4	256.	08.15	56.3	67.2	54.2	280.	10.15	55.8	67.7	54.4
233.	06.20	55.6	61.7	54.7	257.	08.20	54.9	63.7	53.7	281.	10.20	55.6	61.0	54.4
234.	06.25	56.2	64.3	54.7	258.	08.25	54.9	64.0	53.6	282.	10.25	56.3	67.1	54.2
235.	06.30	56.3	64.3	55.2	259.	08.30	55.6	68.8	54.3	283.	10.30	55.9	61.9	54.3
236.	06.35	57.2	63.2	55.9	260.	08.35	56.8	69.5	54.6	284.	10.35	57.5	71.6	53.9
237.	06.40	56.4	63.6	55.4	261.	08.40	56.1	65.3	54.7	285.	10.40	56.3	67.5	54.2
238.	06.45	57.6	67.8	55.4	262.	08.45	56.6	63.0	55.2	286.	10.45	55.3	60.2	54.1
239.	06.50	56.5	64.2	55.6	263.	08.50	55.0	64.7	53.7	287.	10.50	56.5	62.6	55.0
240.	06.55	56.1	62.2	55.0	264.	08.55	56.3	67.9	54.2	288.	10.55	56.3	62.3	54.8

Wannasiri S.
 Wannasiri Suriyawong



Somchai P.
 Somchai Piyavorasakul
 General Manager



Thai Environmental Technic Limited

บริษัท เทคนิควิเสณแวดลอมไทย จํากัด

Customer Name : บริษัท ตะวันแดง 1999 จํากัด

Report No. : 3581/2022/19-42

Project : โครงการโรงงานผลิตแอลกอฮอล์และสุรา (สํวนขยาย ครังที่ 1)
(ระยะดําเนินการ)

Report Date : December 19, 2022

Sampling Date : December 6-13, 2022

Address : เลขที่ 88 หมู่ที่ 15 บ้านเขาน้อย ตำบลหนองแขง
อำเภอหันคา จังหวัดชัยนาท

Type of Sample : Sound Level

Job No. : S650153/Dec

(19/1 3)

รํุมว้โครงการด้านทิศเหนือ														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		10-11/12/22					10-11/12/22					10-11/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
1.	11.00	56.5	61.0	55.3	37.	14.00	58.4	65.6	57.1	73.	17.00	60.6	69.6	56.1
2.	11.05	56.1	61.8	55.1	38.	14.05	60.6	72.7	57.7	74.	17.05	59.9	66.3	55.9
3.	11.10	55.9	59.6	54.8	39.	14.10	58.1	61.6	57.2	75.	17.10	56.3	67.3	54.4
4.	11.15	55.6	59.7	54.4	40.	14.15	58.6	63.5	57.5	76.	17.15	59.8	68.4	54.3
5.	11.20	56.2	60.3	55.2	41.	14.20	58.8	69.1	57.4	77.	17.20	61.2	68.8	54.7
6.	11.25	56.5	66.0	55.4	42.	14.25	57.6	63.6	56.8	78.	17.25	62.2	68.5	55.9
7.	11.30	56.9	61.2	55.8	43.	14.30	57.2	67.0	56.1	79.	17.30	62.8	68.6	56.3
8.	11.35	57.6	60.7	56.7	44.	14.35	57.6	69.6	55.9	80.	17.35	64.2	69.4	56.9
9.	11.40	57.7	66.7	56.1	45.	14.40	56.9	61.0	56.0	81.	17.40	63.3	69.3	56.7
10.	11.45	56.7	65.9	55.6	46.	14.45	57.2	66.3	56.2	82.	17.45	66.2	69.4	63.9
11.	11.50	56.6	65.5	55.4	47.	14.50	57.0	62.5	56.2	83.	17.50	66.1	70.1	56.6
12.	11.55	56.5	59.8	55.4	48.	14.55	57.2	60.5	56.7	84.	17.55	62.4	69.4	56.5
13.	12.00	56.6	63.9	55.6	49.	15.00	57.3	58.5	56.8	85.	18.00	64.1	69.3	56.6
14.	12.05	56.5	60.1	55.3	50.	15.05	57.6	62.7	56.5	86.	18.05	61.4	69.5	56.3
15.	12.10	57.4	61.0	55.7	51.	15.10	57.9	66.6	56.0	87.	18.10	60.9	69.5	56.2
16.	12.15	57.3	64.0	54.8	52.	15.15	57.8	62.0	56.2	88.	18.15	62.4	70.1	56.4
17.	12.20	56.3	62.2	54.5	53.	15.20	57.9	61.0	56.6	89.	18.20	61.9	67.9	56.4
18.	12.25	56.8	60.0	55.5	54.	15.25	58.8	66.9	56.9	90.	18.25	63.0	69.9	56.4
19.	12.30	57.8	71.6	55.7	55.	15.30	58.2	62.2	56.8	91.	18.30	62.6	69.7	56.2
20.	12.35	56.9	60.0	55.7	56.	15.35	58.6	63.8	57.3	92.	18.35	60.4	69.2	56.4
21.	12.40	57.1	60.5	55.7	57.	15.40	58.4	63.8	57.2	93.	18.40	57.3	62.7	56.1
22.	12.45	57.4	62.5	56.1	58.	15.45	58.1	63.6	57.2	94.	18.45	58.5	66.5	56.1
23.	12.50	58.0	64.2	57.0	59.	15.50	58.5	64.9	57.2	95.	18.50	58.8	65.7	56.6
24.	12.55	58.3	63.6	56.9	60.	15.55	58.6	66.5	57.1	96.	18.55	58.8	66.0	56.8
25.	13.00	57.8	66.9	56.0	61.	16.00	62.7	68.4	57.4	97.	19.00	58.8	66.0	56.4
26.	13.05	57.1	68.7	55.7	62.	16.05	58.1	65.8	57.1	98.	19.05	58.1	65.1	56.3
27.	13.10	57.2	62.1	55.5	63.	16.10	59.6	66.9	57.5	99.	19.10	60.3	66.3	56.6
28.	13.15	56.5	67.7	54.4	64.	16.15	60.3	67.0	57.4	100.	19.15	59.3	67.3	56.5
29.	13.20	56.5	65.9	54.7	65.	16.20	61.0	67.3	56.9	101.	19.20	58.2	64.9	56.4
30.	13.25	57.3	69.4	54.6	66.	16.25	60.0	67.2	56.6	102.	19.25	61.0	66.6	56.6
31.	13.30	56.3	70.5	54.5	67.	16.30	58.6	67.2	55.3	103.	19.30	61.4	66.9	56.4
32.	13.35	55.0	58.3	54.2	68.	16.35	59.5	67.0	55.6	104.	19.35	60.7	67.1	56.6
33.	13.40	55.5	63.0	54.7	69.	16.40	60.9	67.7	55.8	105.	19.40	59.5	66.7	56.2
34.	13.45	56.4	61.0	55.2	70.	16.45	58.6	67.0	55.8	106.	19.45	58.7	65.8	56.1
35.	13.50	56.9	61.0	56.1	71.	16.50	58.9	67.0	56.3	107.	19.50	58.4	65.9	56.2
36.	13.55	57.5	59.6	56.6	72.	16.55	58.3	66.3	56.1	108.	19.55	57.5	64.0	56.0

**TET**

Thai Environmental Technic Limited

บริษัท เทคนิกลิ่งแวดล้อมไทย จำกัด

(19/2-3)

จิมว้าโครงการด้านทิศเหนือ														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		10-11/12/22					10-11/12/22					10-11/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
109.	20.00	58.0	66.8	56.0	145.	23.00	55.0	57.5	54.3	181.	02.00	56.9	65.6	54.5
110.	20.05	57.1	63.7	55.6	146.	23.05	55.0	56.4	54.3	182.	02.05	55.3	65.2	54.4
111.	20.10	57.0	62.7	56.0	147.	23.10	54.9	56.4	54.2	183.	02.10	55.4	59.0	54.3
112.	20.15	56.9	63.3	56.0	148.	23.15	55.2	56.9	54.5	184.	02.15	56.1	59.8	55.4
113.	20.20	56.3	62.2	55.5	149.	23.20	55.3	56.6	54.6	185.	02.20	56.1	63.2	55.4
114.	20.25	57.3	64.9	55.7	150.	23.25	55.3	56.5	54.7	186.	02.25	56.3	62.9	55.4
115.	20.30	56.9	64.7	55.6	151.	23.30	55.3	56.6	54.6	187.	02.30	56.5	63.3	55.5
116.	20.35	57.4	64.6	55.7	152.	23.35	55.2	57.3	54.4	188.	02.35	55.6	62.7	54.4
117.	20.40	57.0	64.7	55.7	153.	23.40	56.1	57.3	55.0	189.	02.40	57.1	61.7	55.1
118.	20.45	56.2	61.4	55.2	154.	23.45	56.3	57.7	55.6	190.	02.45	57.9	69.5	54.8
119.	20.50	56.5	63.3	55.4	155.	23.50	56.1	57.4	55.5	191.	02.50	56.0	59.8	54.5
120.	20.55	56.9	65.8	55.3	156.	23.55	55.8	58.2	54.6	192.	02.55	56.1	65.4	54.8
121.	21.00	56.1	63.8	55.2	157.	00.00	55.0	56.5	54.3	193.	03.00	56.3	60.4	55.5
122.	21.05	56.4	63.4	55.6	158.	00.05	55.3	56.5	54.6	194.	03.05	55.9	60.0	54.5
123.	21.10	57.3	64.4	55.5	159.	00.10	55.4	56.6	54.7	195.	03.10	55.6	70.5	54.3
124.	21.15	56.6	64.8	55.6	160.	00.15	55.4	59.1	54.7	196.	03.15	57.0	64.5	55.9
125.	21.20	57.2	65.1	55.4	161.	00.20	55.6	60.8	55.0	197.	03.20	57.9	66.3	56.9
126.	21.25	57.5	65.8	55.4	162.	00.25	55.7	59.3	55.1	198.	03.25	57.8	66.4	56.6
127.	21.30	58.6	59.8	54.9	163.	00.30	56.8	67.0	55.2	199.	03.30	58.3	66.7	56.4
128.	21.35	55.7	60.1	55.0	164.	00.35	55.9	57.3	55.3	200.	03.35	57.3	60.3	56.3
129.	21.40	55.9	59.8	55.4	165.	00.40	55.9	57.3	55.2	201.	03.40	57.3	64.2	56.0
130.	21.45	56.1	57.2	55.6	166.	00.45	55.8	57.3	55.2	202.	03.45	57.9	62.1	56.7
131.	21.50	56.3	57.5	55.7	167.	00.50	57.4	68.6	55.6	203.	03.50	57.4	64.1	56.1
132.	21.55	56.4	59.6	55.7	168.	00.55	55.9	57.1	55.4	204.	03.55	56.7	70.0	56.6
133.	22.00	57.4	65.9	56.0	169.	01.00	56.3	58.2	55.5	205.	04.00	58.8	69.4	56.9
134.	22.05	56.1	57.3	55.5	170.	01.05	56.8	64.6	56.0	206.	04.05	57.9	63.2	56.7
135.	22.10	55.9	57.2	55.3	171.	01.10	56.4	64.4	55.5	207.	04.10	58.2	62.6	57.2
136.	22.15	55.9	59.1	55.3	172.	01.15	56.3	63.8	55.5	208.	04.15	57.6	66.2	56.8
137.	22.20	56.8	65.3	55.3	173.	01.20	55.7	61.8	54.6	209.	04.20	58.1	69.1	56.7
138.	22.25	55.9	57.3	55.2	174.	01.25	55.2	59.9	54.4	210.	04.25	57.8	62.2	56.8
139.	22.30	55.9	57.4	55.2	175.	01.30	55.1	59.7	54.3	211.	04.30	58.1	69.0	56.9
140.	22.35	55.8	57.0	55.1	176.	01.35	55.3	59.1	54.5	212.	04.35	57.9	68.9	56.7
141.	22.40	55.8	57.3	55.1	177.	01.40	55.1	58.1	54.4	213.	04.40	57.0	63.2	55.9
142.	22.45	55.1	60.2	54.3	178.	01.45	55.8	68.2	54.5	214.	04.45	57.5	66.4	55.9
143.	22.50	55.2	57.0	54.3	179.	01.50	55.8	68.9	54.5	215.	04.50	57.6	62.3	56.4
144.	22.55	55.0	56.8	54.2	180.	01.55	55.9	72.7	54.6	216.	04.55	58.1	64.1	57.1



Thai Environmental Technic Limited
บริษัท เทคนิสิ่งแวดล้อมไทย จำกัด

(19/3-3)

วิธีวัดโครงการด้านทิศเหนือ														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		10-11/12/22					10-11/12/22					10-11/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
217.	05.00	59.6	65.1	57.9	241.	07.00	54.4	66.0	50.5	265.	09.00	56.9	71.2	53.1
218.	05.05	59.5	72.8	58.1	242.	07.05	54.9	64.0	51.1	266.	09.05	56.1	65.7	52.5
219.	05.10	62.3	75.1	59.1	243.	07.10	57.5	69.6	52.4	267.	09.10	55.9	64.5	52.6
220.	05.15	61.6	74.6	59.0	244.	07.15	54.1	64.2	50.1	268.	09.15	55.1	63.4	52.4
221.	05.20	60.1	67.5	59.1	245.	07.20	54.6	70.8	51.1	269.	09.20	55.2	65.2	52.3
222.	05.25	59.7	66.5	59.0	246.	07.25	55.1	66.1	50.4	270.	09.25	57.6	69.9	52.9
223.	05.30	60.9	69.9	59.2	247.	07.30	55.9	65.3	50.8	271.	09.30	53.7	65.0	49.6
224.	05.35	60.0	64.7	59.2	248.	07.35	55.7	64.5	51.5	272.	09.35	55.0	69.1	51.2
225.	05.40	61.5	70.2	59.4	249.	07.40	55.1	69.0	52.3	273.	09.40	58.6	75.9	51.9
226.	05.45	60.0	69.0	59.3	250.	07.45	57.1	71.6	51.9	274.	09.45	57.9	70.4	53.4
227.	05.50	60.2	66.5	59.4	251.	07.50	53.7	63.7	51.0	275.	09.50	61.0	76.2	53.9
228.	05.55	59.9	68.0	59.1	252.	07.55	54.7	64.8	51.5	276.	09.55	61.8	80.0	57.1
229.	06.00	61.5	72.6	59.2	253.	08.00	56.9	75.9	52.1	277.	10.00	61.9	79.4	54.3
230.	06.05	60.6	68.8	59.0	254.	08.05	54.1	63.4	52.0	278.	10.05	58.0	70.0	53.9
231.	06.10	59.6	65.5	58.7	255.	08.10	58.0	74.4	52.2	279.	10.10	63.4	83.6	55.8
232.	06.15	59.7	66.6	58.9	256.	08.15	57.8	68.6	53.4	280.	10.15	65.7	80.5	59.1
233.	06.20	58.1	73.5	51.6	257.	08.20	58.0	72.7	52.8	281.	10.20	60.6	70.0	54.0
234.	06.25	54.0	68.4	50.6	258.	08.25	56.7	67.1	53.4	282.	10.25	63.3	75.0	54.3
235.	06.30	55.9	65.4	51.1	259.	08.30	55.2	62.7	52.8	283.	10.30	64.0	79.6	54.3
236.	06.35	54.3	67.0	51.3	260.	08.35	56.1	63.2	53.1	284.	10.35	57.5	70.8	53.9
237.	06.40	59.8	71.8	51.6	261.	08.40	57.6	77.0	51.9	285.	10.40	56.2	64.3	54.0
238.	06.45	59.1	70.6	51.5	262.	08.45	57.5	68.0	52.5	286.	10.45	58.1	66.3	54.7
239.	06.50	53.9	65.1	50.1	263.	08.50	56.3	64.5	53.1	287.	10.50	61.4	69.9	53.7
240.	06.55	60.7	79.2	50.8	264.	08.55	58.8	71.4	54.1	288.	10.55	60.5	75.0	55.2

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager



Thai Environmental Technic Limited

บริษัท เทคนิกสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ตะวันแดง 1999 จำกัด

Report No. : 3581/2022/20-42

Project : โครงการโรงงานผลิตแอลกอฮอล์และสุรา (ส่วนขยาย ครั้งที่ 1)
(ระยะดำเนินการ)

Report Date : December 19, 2022

Sampling Date : December 6-13, 2022

Address : เลขที่ 88 หมู่ที่ 15 บ้านเขาน้อย ตำบลหนองแขง
อำเภอหันคา จังหวัดชัยนาท

Type of Sample : Sound Level

Job No. : S650153/Dec

(20/1-3)

จิมวีโครงการด้านพิเศษ														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		11-12/12/22					11-12/12/22					11-12/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
1.	11.00	57.0	66.6	54.7	37.	14.00	61.1	64.4	59.6	73.	17.00	53.5	66.0	50.9
2.	11.05	57.7	68.2	55.4	38.	14.05	61.4	70.2	60.1	74.	17.05	52.8	57.7	51.2
3.	11.10	56.9	64.0	54.3	39.	14.10	61.2	67.5	60.0	75.	17.10	57.0	66.9	51.0
4.	11.15	56.5	67.4	54.5	40.	14.15	62.2	68.3	60.0	76.	17.15	52.9	58.6	51.1
5.	11.20	56.9	63.5	54.5	41.	14.20	62.8	69.3	59.9	77.	17.20	51.9	58.4	50.3
6.	11.25	57.9	68.9	55.2	42.	14.25	61.3	65.5	59.8	78.	17.25	53.8	58.7	51.3
7.	11.30	66.7	96.8	54.5	43.	14.30	62.4	68.9	60.2	79.	17.30	52.5	59.0	50.8
8.	11.35	58.7	75.3	55.5	44.	14.35	60.7	63.7	58.7	80.	17.35	53.4	63.7	51.0
9.	11.40	56.9	68.0	55.2	45.	14.40	60.6	67.2	58.1	81.	17.40	58.5	68.7	51.2
10.	11.45	57.9	69.5	55.3	46.	14.45	61.4	74.0	55.3	82.	17.45	55.4	67.2	51.7
11.	11.50	58.4	68.8	56.0	47.	14.50	59.1	67.2	55.7	83.	17.50	52.6	64.7	50.6
12.	11.55	59.5	69.2	56.8	48.	14.55	58.8	65.9	55.6	84.	17.55	52.6	63.2	51.1
13.	12.00	59.3	75.0	57.0	49.	15.00	57.0	60.9	53.3	85.	18.00	53.5	65.9	50.7
14.	12.05	58.8	63.3	57.3	50.	15.05	57.0	65.2	53.1	86.	18.05	53.1	60.0	51.6
15.	12.10	58.8	68.9	57.2	51.	15.10	59.7	67.1	54.3	87.	18.10	52.5	62.4	50.1
16.	12.15	58.8	68.0	57.0	52.	15.15	57.8	61.6	54.6	88.	18.15	52.8	58.9	50.7
17.	12.20	58.8	66.7	57.6	53.	15.20	61.0	69.4	55.5	89.	18.20	54.2	66.0	50.3
18.	12.25	59.9	68.7	57.9	54.	15.25	56.5	63.0	54.4	90.	18.25	53.4	67.9	49.8
19.	12.30	59.7	71.4	57.8	55.	15.30	60.3	68.1	53.9	91.	18.30	52.4	66.1	49.3
20.	12.35	58.8	64.5	57.6	56.	15.35	55.1	60.5	51.9	92.	18.35	52.2	59.8	50.9
21.	12.40	59.4	71.1	58.1	57.	15.40	59.7	69.0	51.5	93.	18.40	56.6	67.7	50.8
22.	12.45	60.2	64.7	58.6	58.	15.45	57.0	61.5	53.6	94.	18.45	53.6	67.0	51.0
23.	12.50	61.3	70.2	58.9	59.	15.50	55.6	64.7	52.9	95.	18.50	51.1	60.7	49.0
24.	12.55	59.6	65.2	58.2	60.	15.55	54.2	62.1	51.5	96.	18.55	51.6	59.0	50.1
25.	13.00	61.2	71.2	59.2	61.	16.00	55.0	62.5	53.0	97.	19.00	51.5	57.6	50.0
26.	13.05	60.7	69.8	59.3	62.	16.05	56.7	66.8	52.1	98.	19.05	51.5	54.2	50.5
27.	13.10	60.7	66.8	59.3	63.	16.10	58.5	76.7	52.4	99.	19.10	54.1	66.5	49.1
28.	13.15	60.8	65.9	59.2	64.	16.15	58.8	71.7	52.5	100.	19.15	51.4	55.5	50.1
29.	13.20	59.8	65.8	58.5	65.	16.20	57.4	67.4	52.2	101.	19.20	56.3	71.7	50.7
30.	13.25	61.8	76.8	58.5	66.	16.25	52.7	60.7	50.4	102.	19.25	53.9	63.1	50.8
31.	13.30	60.9	65.9	59.1	67.	16.30	53.1	64.5	51.0	103.	19.30	59.3	77.9	48.7
32.	13.35	61.6	67.6	60.0	68.	16.35	54.2	64.3	51.4	104.	19.35	55.3	67.7	50.3
33.	13.40	62.0	72.4	57.7	69.	16.40	58.2	72.9	52.0	105.	19.40	54.3	69.9	50.7
34.	13.45	61.2	69.0	59.6	70.	16.45	58.1	67.8	51.8	106.	19.45	53.7	64.0	49.0
35.	13.50	62.3	71.8	58.8	71.	16.50	53.2	61.7	51.5	107.	19.50	56.4	73.8	49.0
36.	13.55	60.6	62.6	59.6	72.	16.55	52.7	57.3	51.5	108.	19.55	53.5	67.1	49.6



Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(20/2-3)

วิธีวัดโครงการด้านทิศเหนือ														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		11-12/12/22					11-12/12/22					11-12/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
109.	20.00	56.4	68.9	51.0	145.	23.00	54.0	65.2	50.6	181.	02.00	58.0	70.7	54.5
110.	20.05	53.7	73.6	49.5	146.	23.05	55.7	73.7	50.5	182.	02.05	58.4	68.1	55.2
111.	20.10	54.3	64.0	50.5	147.	23.10	54.4	62.9	51.7	183.	02.10	60.8	74.2	54.7
112.	20.15	51.2	62.3	49.0	148.	23.15	56.8	70.3	51.1	184.	02.15	59.7	72.5	55.2
113.	20.20	52.9	61.3	50.4	149.	23.20	55.8	71.4	50.3	185.	02.20	63.7	83.0	51.1
114.	20.25	51.0	59.0	49.2	150.	23.25	56.7	68.8	52.1	186.	02.25	59.7	75.1	53.4
115.	20.30	52.0	64.6	49.2	151.	23.30	59.6	74.1	52.4	187.	02.30	57.2	68.1	53.9
116.	20.35	50.9	56.4	49.2	152.	23.35	58.9	70.4	55.4	188.	02.35	56.4	66.7	53.3
117.	20.40	50.8	56.6	49.6	153.	23.40	59.0	76.2	55.7	189.	02.40	57.9	68.4	53.6
118.	20.45	52.0	64.2	50.3	154.	23.45	59.9	71.2	56.3	190.	02.45	62.0	78.8	54.5
119.	20.50	51.4	64.1	48.6	155.	23.50	57.9	70.2	55.1	191.	02.50	56.6	66.4	53.9
120.	20.55	54.5	70.6	49.1	156.	23.55	59.5	71.4	55.5	192.	02.55	58.8	74.9	53.7
121.	21.00	50.7	54.1	49.4	157.	00.00	58.4	73.0	55.5	193.	03.00	57.2	68.7	53.8
122.	21.05	50.5	57.0	48.8	158.	00.05	58.9	70.3	55.0	194.	03.05	56.7	73.1	54.9
123.	21.10	51.9	62.0	50.0	159.	00.10	59.6	73.6	55.1	195.	03.10	56.7	63.9	54.4
124.	21.15	52.2	65.7	48.4	160.	00.15	61.3	73.5	55.3	196.	03.15	56.8	71.8	53.9
125.	21.20	52.5	59.4	49.3	161.	00.20	58.5	73.1	51.6	197.	03.20	58.9	66.7	53.8
126.	21.25	56.6	75.1	50.2	162.	00.25	59.4	69.6	54.7	198.	03.25	58.3	69.4	53.8
127.	21.30	54.3	66.1	49.3	163.	00.30	57.6	68.2	54.8	199.	03.30	57.3	65.8	53.8
128.	21.35	55.8	66.7	50.5	164.	00.35	60.7	74.9	51.6	200.	03.35	57.6	68.5	53.8
129.	21.40	56.8	69.0	50.6	165.	00.40	58.8	68.8	54.3	201.	03.40	56.3	66.3	53.5
130.	21.45	55.3	70.3	51.1	166.	00.45	62.2	77.1	55.4	202.	03.45	56.3	64.1	53.3
131.	21.50	52.0	57.8	49.4	167.	00.50	59.5	67.5	55.4	203.	03.50	57.2	67.7	52.6
132.	21.55	50.3	58.1	48.9	168.	00.55	57.4	67.1	54.6	204.	03.55	58.2	67.7	55.1
133.	22.00	53.1	64.7	50.3	169.	01.00	59.5	70.2	55.5	205.	04.00	58.9	72.2	53.8
134.	22.05	52.6	61.6	50.7	170.	01.05	57.7	65.7	55.1	206.	04.05	56.9	71.0	52.9
135.	22.10	54.6	64.0	50.9	171.	01.10	58.7	72.7	54.9	207.	04.10	59.2	71.5	53.9
136.	22.15	53.8	63.1	51.5	172.	01.15	61.5	74.5	56.6	208.	04.15	56.9	64.2	53.7
137.	22.20	56.8	68.8	51.8	173.	01.20	57.2	64.7	54.9	209.	04.20	56.0	66.5	52.3
138.	22.25	56.8	66.6	52.9	174.	01.25	58.6	67.3	54.8	210.	04.25	57.4	67.9	53.4
139.	22.30	57.2	65.7	53.1	175.	01.30	61.3	83.9	54.0	211.	04.30	55.1	65.2	52.2
140.	22.35	57.2	68.3	52.1	176.	01.35	59.9	73.5	54.4	212.	04.35	54.8	71.7	52.6
141.	22.40	59.7	73.4	52.5	177.	01.40	57.5	68.9	53.9	213.	04.40	55.7	65.0	52.7
142.	22.45	54.9	61.7	51.9	178.	01.45	61.6	38.5	54.1	214.	04.45	55.8	70.5	52.9
143.	22.50	57.1	68.8	52.1	179.	01.50	56.3	66.7	50.8	215.	04.50	56.1	67.1	52.8
144.	22.55	54.7	63.3	52.0	180.	01.55	61.4	76.4	55.6	216.	04.55	56.9	66.6	52.7



Thai Environmental Technic Limited
บริษัท เทคนิกลิ่งแวดล้อมไทย จำกัด

(20/3-3)

ริมรั้วโครงการด้านทิศเหนือ														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		11-12/12/22					11-12/12/22					11-12/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
217.	05.00	55.1	65.0	52.2	241.	07.00	54.1	61.1	52.7	265.	09.00	60.0	69.8	54.2
218.	05.05	55.9	66.6	52.0	242.	07.05	53.6	62.3	52.3	266.	09.05	57.1	64.8	54.2
219.	05.10	59.1	77.7	51.9	243.	07.10	57.5	66.8	53.4	267.	09.10	59.6	69.9	54.6
220.	05.15	61.0	72.7	54.5	244.	07.15	59.2	69.0	53.6	268.	09.15	58.6	68.9	53.7
221.	05.20	59.8	71.7	54.9	245.	07.20	60.5	72.7	54.1	269.	09.20	60.7	72.3	53.5
222.	05.25	58.8	68.3	54.2	246.	07.25	60.0	72.4	54.4	270.	09.25	56.5	66.7	53.1
223.	05.30	58.8	67.5	54.1	247.	07.30	59.4	69.8	53.8	271.	09.30	58.7	70.6	53.1
224.	05.35	57.3	64.6	54.3	248.	07.35	57.5	66.1	53.6	272.	09.35	57.8	68.7	53.3
225.	05.40	59.1	68.2	54.1	249.	07.40	57.4	64.9	53.8	273.	09.40	56.4	66.3	52.8
226.	05.45	58.7	69.9	53.6	250.	07.45	57.7	68.5	53.3	274.	09.45	59.3	69.1	53.7
227.	05.50	59.2	68.6	53.8	251.	07.50	58.0	66.1	55.2	275.	09.50	60.0	75.2	54.6
228.	05.55	59.6	69.3	53.5	252.	07.55	60.8	68.7	56.9	276.	09.55	60.8	71.6	52.7
229.	06.00	58.3	70.5	53.7	253.	08.00	59.1	70.8	55.8	277.	10.00	58.3	68.4	53.8
230.	06.05	54.6	62.7	52.8	254.	08.05	61.8	69.7	56.2	278.	10.05	58.4	67.4	52.9
231.	06.10	54.5	72.6	52.7	255.	08.10	62.0	76.5	56.2	279.	10.10	57.2	67.4	52.9
232.	06.15	55.8	74.2	53.3	256.	08.15	59.5	68.9	55.9	280.	10.15	55.0	65.5	53.4
233.	06.20	55.1	71.4	53.1	257.	08.20	59.5	68.4	54.6	281.	10.20	57.0	67.2	53.5
234.	06.25	54.5	65.5	52.8	258.	08.25	58.8	65.5	55.4	282.	10.25	55.8	63.1	53.5
235.	06.30	54.0	62.6	52.7	259.	08.30	59.8	75.8	54.7	283.	10.30	57.6	67.9	53.9
236.	06.35	54.4	68.8	52.8	260.	08.35	59.8	70.7	54.8	284.	10.35	59.2	73.0	54.0
237.	06.40	54.1	67.3	52.8	261.	08.40	59.7	72.8	53.9	285.	10.40	58.7	69.2	54.7
238.	06.45	54.0	59.7	52.7	262.	08.45	60.1	70.9	54.1	286.	10.45	56.5	64.9	53.4
239.	06.50	54.3	65.9	52.8	263.	08.50	57.3	66.1	55.0	287.	10.50	56.7	66.4	53.6
240.	06.55	54.1	62.3	52.7	264.	08.55	58.6	67.4	53.4	288.	10.55	55.0	65.1	53.0

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager



Thai Environmental Technic Limited

บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ตะวันแดง 1999 จำกัด

Report No. : 3581/2022/21-42

Project : โครงการโรงงานผลิตแอลกอฮอล์และสุรา (ส่วนขยาย ครั้งที่ 1)
(ระยะดำเนินการ)

Report Date : December 19, 2022

Sampling Date : December 6-13, 2022

Address : เลขที่ 88 หมู่ที่ 15 บ้านเขาน้อย ตำบลหนองแขง
อำเภอหันคา จังหวัดชัยนาท

Type of Sample : Sound Level

Job No. : S650153/Dec

(21/1-3)

รวมวัดโครงการด้านทิศเหนือ														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		12-13/12/22					12-13/12/22					12-13/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
1.	11.00	56.4	64.6	53.2	37.	14.00	57.1	62.6	53.3	73.	17.00	55.0	56.6	54.2
2.	11.05	55.5	62.4	54.0	38.	14.05	59.0	60.0	57.0	74.	17.05	54.9	56.3	54.2
3.	11.10	54.9	61.3	53.7	39.	14.10	56.6	59.9	53.6	75.	17.10	55.0	57.2	54.2
4.	11.15	55.3	58.8	54.0	40.	14.15	54.0	57.7	53.1	76.	17.15	54.7	56.3	54.0
5.	11.20	53.9	57.8	52.9	41.	14.20	53.9	58.2	53.0	77.	17.20	54.5	56.7	53.7
6.	11.25	55.0	65.1	53.4	42.	14.25	53.7	57.0	52.8	78.	17.25	54.7	57.0	53.9
7.	11.30	55.4	62.7	54.1	43.	14.30	54.1	57.3	53.2	79.	17.30	54.7	56.2	53.9
8.	11.35	55.0	66.0	53.3	44.	14.35	54.0	57.6	53.2	80.	17.35	54.6	56.0	53.9
9.	11.40	56.1	67.7	53.7	45.	14.40	53.8	56.4	52.9	81.	17.40	55.0	57.7	54.1
10.	11.45	55.8	64.0	53.8	46.	14.45	53.6	55.9	52.6	82.	17.45	54.6	56.0	53.8
11.	11.50	54.5	62.2	53.5	47.	14.50	54.0	55.8	53.2	83.	17.50	54.5	56.2	53.7
12.	11.55	55.2	64.6	53.8	48.	14.55	58.7	62.9	53.4	84.	17.55	54.5	56.1	53.7
13.	12.00	55.0	62.0	53.9	49.	15.00	54.9	58.6	54.1	85.	18.00	54.5	56.8	53.8
14.	12.05	55.5	61.4	54.5	50.	15.05	54.6	60.0	54.1	86.	18.05	54.5	57.8	53.6
15.	12.10	55.0	59.9	54.1	51.	15.10	54.5	56.2	53.8	87.	18.10	54.2	55.7	53.5
16.	12.15	55.1	61.9	53.6	52.	15.15	54.9	61.9	54.0	88.	18.15	54.4	55.9	53.7
17.	12.20	54.8	60.3	53.9	53.	15.20	54.4	56.6	53.7	89.	18.20	54.4	55.9	53.7
18.	12.25	54.8	58.1	53.8	54.	15.25	54.8	67.2	53.9	90.	18.25	54.3	55.8	53.5
19.	12.30	54.4	60.6	53.4	55.	15.30	54.6	63.7	53.7	91.	18.30	54.2	55.7	53.4
20.	12.35	55.1	58.9	53.9	56.	15.35	54.6	62.8	53.8	92.	18.35	54.1	55.5	53.3
21.	12.40	54.3	57.5	53.4	57.	15.40	54.5	57.1	53.7	93.	18.40	54.0	55.4	53.3
22.	12.45	54.5	56.7	53.3	58.	15.45	54.4	62.9	53.6	94.	18.45	54.1	57.3	53.3
23.	12.50	54.4	56.9	53.2	59.	15.50	54.2	56.1	53.5	95.	18.50	54.1	55.5	53.3
24.	12.55	55.2	57.9	54.1	60.	15.55	54.3	57.3	53.5	96.	18.55	54.1	57.1	53.4
25.	13.00	56.1	58.7	54.4	61.	16.00	54.2	55.7	53.4	97.	19.00	54.3	56.0	53.5
26.	13.05	55.4	57.8	54.1	62.	16.05	54.5	56.6	53.6	98.	19.05	54.5	64.3	53.4
27.	13.10	55.2	57.0	54.3	63.	16.10	54.8	57.4	54.0	99.	19.10	54.0	55.9	53.1
28.	13.15	55.4	61.9	54.4	64.	16.15	55.3	56.8	54.6	100.	19.15	53.9	56.6	53.0
29.	13.20	56.0	58.1	55.1	65.	16.20	55.3	63.1	54.6	101.	19.20	53.9	56.7	52.9
30.	13.25	64.1	84.2	55.8	66.	16.25	55.2	56.6	54.5	102.	19.25	53.9	57.2	53.0
31.	13.30	56.9	73.1	55.0	67.	16.30	55.0	57.4	54.2	103.	19.30	53.9	56.9	53.0
32.	13.35	55.3	66.8	53.7	68.	16.35	55.2	57.2	54.5	104.	19.35	53.6	55.9	52.9
33.	13.40	54.4	56.9	53.3	69.	16.40	55.2	56.8	54.6	105.	19.40	53.7	55.6	52.8
34.	13.45	54.4	64.0	53.4	70.	16.45	55.2	57.6	54.4	106.	19.45	53.8	55.8	52.9
35.	13.50	54.4	64.2	53.3	71.	16.50	55.2	56.7	54.5	107.	19.50	53.9	55.4	53.0
36.	13.55	57.7	66.3	53.2	72.	16.55	55.0	56.4	54.4	108.	19.55	54.1	63.3	52.9



Thai Environmental Technic Limited
บริษัท เทคนิกลิ่งแวดล้อมไทย จำกัด

(21/2.3)

ริมรั้วโครงการด้านทิศเหนือ														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		12-13/12/22					12-13/12/22					12-13/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
109.	20.00	53.8	55.3	52.8	145.	23.00	52.9	54.6	51.8	181.	02.00	55.8	66.0	53.4
110.	20.05	53.6	56.2	52.7	146.	23.05	52.7	54.4	51.7	182.	02.05	57.0	73.7	53.9
111.	20.10	53.6	57.1	52.6	147.	23.10	52.7	54.5	51.6	183.	02.10	57.1	69.5	53.7
112.	20.15	53.6	55.3	52.6	148.	23.15	52.7	54.8	51.6	184.	02.15	57.7	73.1	55.7
113.	20.20	53.6	55.6	52.6	149.	23.20	52.5	54.4	51.5	185.	02.20	57.5	70.9	53.7
114.	20.25	53.6	55.5	52.6	150.	23.25	52.6	54.1	51.5	186.	02.25	59.3	80.1	53.5
115.	20.30	53.5	56.9	52.4	151.	23.30	53.6	62.2	51.6	187.	02.30	61.6	83.0	53.5
116.	20.35	53.7	63.7	52.5	152.	23.35	52.6	54.2	51.5	188.	02.35	60.8	77.8	53.2
117.	20.40	53.3	55.7	52.3	153.	23.40	52.6	54.4	51.6	189.	02.40	55.5	67.0	53.3
118.	20.45	53.2	58.9	52.2	154.	23.45	52.6	54.6	51.5	190.	02.45	58.0	73.9	54.0
119.	20.50	53.3	56.8	52.1	155.	23.50	54.7	62.5	51.8	191.	02.50	58.2	67.7	53.7
120.	20.55	53.1	55.0	52.1	156.	23.55	53.9	62.4	51.8	192.	02.55	59.7	70.4	54.2
121.	21.00	53.2	54.8	52.1	157.	00.00	53.9	62.6	52.0	193.	03.00	59.3	70.9	54.7
122.	21.05	53.2	55.3	52.7	158.	00.05	53.9	60.4	52.0	194.	03.05	59.8	74.2	54.3
123.	21.10	53.2	56.4	52.1	159.	00.10	55.5	65.1	52.3	195.	03.10	57.6	67.4	54.4
124.	21.15	53.2	54.9	52.2	160.	00.15	54.5	64.3	52.0	196.	03.15	58.8	69.7	54.2
125.	21.20	53.0	54.9	51.9	161.	00.20	53.0	56.4	51.7	197.	03.20	58.3	67.6	53.7
126.	21.25	53.1	56.9	52.0	162.	00.25	53.1	58.2	51.8	198.	03.25	58.7	69.4	53.7
127.	21.30	53.1	55.7	52.1	163.	00.30	53.0	58.6	51.8	199.	03.30	60.3	72.3	54.1
128.	21.35	53.1	55.7	52.0	164.	00.35	52.9	60.6	51.7	200.	03.35	58.5	70.2	54.0
129.	21.40	53.0	61.6	51.8	165.	00.40	52.8	55.1	51.7	201.	03.40	58.1	67.5	53.4
130.	21.45	53.5	64.5	52.0	166.	00.45	52.7	54.6	51.6	202.	03.45	54.6	64.4	53.2
131.	21.50	53.1	56.5	51.9	167.	00.50	53.0	55.7	51.7	203.	03.50	58.3	79.6	53.3
132.	21.55	53.1	55.2	52.0	168.	00.55	53.0	56.6	51.9	204.	03.55	60.0	71.3	54.9
133.	22.00	53.0	55.4	52.0	169.	01.00	53.3	57.4	52.0	205.	04.00	60.5	69.6	54.8
134.	22.05	53.1	55.2	52.1	170.	01.05	53.1	59.6	51.8	206.	04.05	55.8	72.2	53.6
135.	22.10	53.3	55.5	52.3	171.	01.10	52.8	55.4	51.7	207.	04.10	55.7	67.9	53.8
136.	22.15	53.2	55.0	52.2	172.	01.15	52.9	55.8	51.7	208.	04.15	55.7	67.1	54.0
137.	22.20	53.3	55.8	52.3	173.	01.20	52.9	56.6	51.7	209.	04.20	57.3	68.5	53.0
138.	22.25	53.3	55.4	52.3	174.	01.25	52.8	55.0	51.7	210.	04.25	56.4	72.3	53.1
139.	22.30	53.4	55.5	52.4	175.	01.30	53.1	59.9	52.2	211.	04.30	53.9	61.1	52.4
140.	22.35	53.4	56.5	52.4	176.	01.35	53.6	64.5	52.0	212.	04.35	53.4	57.7	52.3
141.	22.40	53.2	54.8	52.3	177.	01.40	53.6	65.4	52.0	213.	04.40	53.5	57.6	52.3
142.	22.45	53.1	55.1	52.1	178.	01.45	54.2	69.5	52.2	214.	04.45	53.7	59.6	52.3
143.	22.50	53.0	54.6	52.0	179.	01.50	54.7	69.9	52.3	215.	04.50	53.5	56.8	52.4
144.	22.55	53.1	54.8	52.0	180.	01.55	55.2	64.9	53.3	216.	04.55	53.3	59.7	52.0



Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(21/3-3)

จิมรี่โครงการด้านทิศเหนือ														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		12-13/12/22					12-13/12/22					12-13/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
217.	05.00	59.5	71.2	52.2	241.	07.00	61.8	71.0	58.2	265.	09.00	54.5	59.0	53.4
218.	05.05	56.2	65.8	52.3	242.	07.05	63.7	75.6	58.5	266.	09.05	54.0	64.1	53.3
219.	05.10	59.9	73.2	52.8	243.	07.10	59.3	74.9	54.1	267.	09.10	54.3	59.4	53.4
220.	05.15	58.2	69.3	53.0	244.	07.15	58.8	67.3	54.7	268.	09.15	54.5	59.8	53.6
221.	05.20	60.2	71.2	53.5	245.	07.20	63.2	78.5	58.3	269.	09.20	54.9	59.2	53.9
222.	05.25	59.3	73.2	53.7	246.	07.25	60.0	69.9	53.6	270.	09.25	55.2	58.8	53.9
223.	05.30	60.3	74.4	53.7	247.	07.30	59.3	68.3	54.6	271.	09.30	55.6	62.3	54.1
224.	05.35	59.2	74.8	55.0	248.	07.35	60.8	71.3	58.0	272.	09.35	55.4	59.3	54.1
225.	05.40	60.0	72.3	54.1	249.	07.40	61.6	71.1	54.4	273.	09.40	54.7	57.5	53.9
226.	05.45	62.6	75.0	58.4	250.	07.45	61.2	71.2	58.0	274.	09.45	55.0	57.6	53.7
227.	05.50	62.0	75.4	58.4	251.	07.50	61.4	71.5	56.7	275.	09.50	55.2	57.8	53.7
228.	05.55	60.0	78.5	57.8	252.	07.55	59.1	69.8	53.3	276.	09.55	54.2	58.1	53.5
229.	06.00	59.9	67.5	57.9	253.	08.00	58.7	67.1	54.0	277.	10.00	55.6	61.2	53.8
230.	06.05	59.7	70.7	53.9	254.	08.05	58.3	64.1	57.6	278.	10.05	54.3	60.6	53.4
231.	06.10	59.7	66.1	57.6	255.	08.10	56.0	66.5	53.2	279.	10.10	54.5	58.7	53.6
232.	06.15	60.2	70.0	54.8	256.	08.15	58.2	65.5	54.7	280.	10.15	54.2	56.5	53.2
233.	06.20	62.7	80.2	54.8	257.	08.20	60.4	76.6	58.7	281.	10.20	54.4	55.9	53.6
234.	06.25	60.1	73.5	57.9	258.	08.25	56.6	71.1	53.6	282.	10.25	54.0	56.4	53.3
235.	06.30	63.0	80.2	57.4	259.	08.30	56.5	71.2	53.8	283.	10.30	54.1	58.2	53.3
236.	06.35	59.7	73.3	57.8	260.	08.35	56.9	68.7	53.9	284.	10.35	54.9	57.1	53.6
237.	06.40	57.0	69.2	53.6	261.	08.40	68.5	79.0	55.2	285.	10.40	55.1	57.9	53.6
238.	06.45	60.1	70.8	53.8	262.	08.45	59.0	74.4	54.2	286.	10.45	54.6	61.1	53.8
239.	06.50	63.3	81.6	56.2	263.	08.50	60.1	80.7	54.1	287.	10.50	54.2	59.0	53.3
240.	06.55	60.1	71.1	57.8	264.	08.55	57.0	72.7	53.8	288.	10.55	56.6	58.5	56.0

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager



Thai Environmental Technic Limited

บริษัท เทคนิกลิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ตะวันแดง 1999 จำกัด

Report No. : 3581/2022/22-42

Project : โครงการโรงงานผลิตแอลกอฮอล์และสุรา (ส่วนขยาย ครั้งที่ 1)
(ระยะดำเนินการ)

Report Date : December 19, 2022

Sampling Date : December 6-13, 2022

Address : เลขที่ 88 หมู่ที่ 15 บ้านเขาน้อย ตำบลหนองแขง
อำเภอหันคา จังหวัดชัยนาท

Type of Sample : Sound Level

Job No. : S650153/Dec

(22/1-3)

รวมรั้วโครงการด้านตะวันออก														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		06-07/12/22					06-07/12/22					06-07/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
1.	12.00	54.8	65.7	53.5	37.	15.00	55.0	66.2	53.4	73.	18.00	54.1	57.5	53.2
2.	12.05	54.8	65.2	53.6	38.	15.05	57.9	82.9	54.0	74.	18.05	53.5	57.7	51.7
3.	12.10	55.5	65.3	53.8	39.	15.10	53.8	60.3	52.3	75.	18.10	52.6	60.5	51.1
4.	12.15	55.8	65.1	54.3	40.	15.15	56.2	66.8	53.9	76.	18.15	53.6	61.1	52.2
5.	12.20	55.4	63.5	54.1	41.	15.20	55.0	63.7	53.7	77.	18.20	53.7	58.5	52.5
6.	12.25	55.2	63.1	53.8	42.	15.25	54.2	59.2	52.5	78.	18.25	52.9	60.4	51.0
7.	12.30	56.4	64.1	55.1	43.	15.30	54.1	59.7	52.5	79.	18.30	52.6	61.0	51.2
8.	12.35	57.0	64.1	55.3	44.	15.35	54.1	59.2	53.3	80.	18.35	53.3	56.4	52.2
9.	12.40	55.8	64.4	54.1	45.	15.40	54.1	60.3	53.2	81.	18.40	54.0	56.6	53.2
10.	12.45	54.5	60.8	53.1	46.	15.45	53.5	59.3	52.3	82.	18.45	53.7	63.1	51.1
11.	12.50	55.3	64.7	53.6	47.	15.50	54.4	57.9	53.4	83.	18.50	52.3	71.5	49.4
12.	12.55	55.1	61.6	54.1	48.	15.55	54.0	60.9	53.2	84.	18.55	52.9	59.2	51.0
13.	13.00	55.3	61.8	53.9	49.	16.00	53.5	57.9	52.0	85.	19.00	53.1	57.2	51.9
14.	13.05	56.5	68.2	53.2	50.	16.05	53.2	59.7	51.3	86.	19.05	52.5	58.1	50.7
15.	13.10	55.5	71.0	53.7	51.	16.10	54.1	57.2	53.2	87.	19.10	50.5	60.9	48.1
16.	13.15	55.0	59.8	53.8	52.	16.15	54.7	58.2	52.8	88.	19.15	52.0	57.0	50.5
17.	13.20	55.5	66.2	54.4	53.	16.20	53.0	58.7	51.8	89.	19.20	51.8	57.4	50.6
18.	13.25	54.1	61.4	52.7	54.	16.25	54.2	58.6	53.2	90.	19.25	51.2	65.8	47.8
19.	13.30	54.2	57.9	52.9	55.	16.30	54.5	57.8	53.6	91.	19.30	48.5	54.3	46.3
20.	13.35	57.2	68.6	54.1	56.	16.35	53.2	59.6	52.0	92.	19.35	48.0	52.9	46.7
21.	13.40	55.3	65.3	53.0	57.	16.40	53.4	59.1	52.1	93.	19.40	49.7	56.3	47.6
22.	13.45	57.8	70.5	52.4	58.	16.45	52.5	57.6	51.7	94.	19.45	49.7	57.6	47.8
23.	13.50	55.0	63.5	53.6	59.	16.50	53.7	58.2	52.7	95.	19.50	49.5	58.6	47.7
24.	13.55	57.9	82.2	53.3	60.	16.55	53.3	58.6	52.5	96.	19.55	49.5	52.7	47.4
25.	14.00	56.3	75.7	52.1	61.	17.00	52.7	59.6	51.2	97.	20.00	51.2	61.1	48.6
26.	14.05	55.1	67.6	52.2	62.	17.05	51.7	61.1	49.7	98.	20.05	50.8	62.3	48.3
27.	14.10	56.4	77.0	53.6	63.	17.10	52.2	57.5	49.7	99.	20.10	52.9	62.3	51.0
28.	14.15	54.7	66.5	52.0	64.	17.15	52.9	58.0	51.7	100.	20.15	53.6	61.6	52.0
29.	14.20	53.4	65.4	51.0	65.	17.20	53.2	59.2	51.8	101.	20.20	52.8	62.5	51.9
30.	14.25	54.8	66.0	53.0	66.	17.25	52.9	59.1	51.7	102.	20.25	52.7	63.9	51.6
31.	14.30	55.3	66.4	53.7	67.	17.30	52.8	61.5	51.6	103.	20.30	52.5	64.5	51.0
32.	14.35	53.9	65.0	51.3	68.	17.35	53.7	56.5	52.5	104.	20.35	52.9	62.7	51.5
33.	14.40	54.6	62.7	51.9	69.	17.40	54.3	61.3	53.5	105.	20.40	53.2	62.5	51.8
34.	14.45	54.6	66.5	53.1	70.	17.45	54.7	60.7	53.6	106.	20.45	52.7	62.7	51.6
35.	14.50	55.1	73.8	52.1	71.	17.50	53.6	60.5	52.3	107.	20.50	53.3	58.5	51.8
36.	14.55	53.3	59.6	51.9	72.	17.55	54.7	63.5	53.5	108.	20.55	54.3	61.0	52.9

**TET**

Thai Environmental Technic Limited

บริษัท เทคนิกสิ่งแวดล้อมไทย จำกัด

(22/2-3)

จิมรีวโครงการด้านตะวันออก														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		06-07/12/22					06-07/12/22					06-07/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
109.	21.00	54.2	57.8	52.8	145.	00.00	57.0	66.6	55.1	181.	03.00	52.0	57.3	50.0
110.	21.05	52.5	59.9	50.5	146.	00.05	55.9	62.1	54.4	182.	03.05	51.8	58.0	50.3
111.	21.10	53.6	57.4	52.0	147.	00.10	56.3	69.4	53.6	183.	03.10	52.3	59.8	50.6
112.	21.15	50.3	63.1	53.4	148.	00.15	57.6	79.4	54.7	184.	03.15	53.0	66.4	51.6
113.	21.20	55.0	69.6	52.5	149.	00.20	57.5	68.9	54.8	185.	03.20	53.7	65.2	52.1
114.	21.25	54.3	62.2	52.4	150.	00.25	58.5	76.1	54.9	186.	03.25	54.5	66.1	52.6
115.	21.30	55.0	64.0	53.5	151.	00.30	59.8	73.9	54.5	187.	03.30	53.8	62.7	52.2
116.	21.35	56.0	65.3	53.2	152.	00.35	59.8	70.8	54.2	188.	03.35	53.8	58.2	52.0
117.	21.40	55.7	62.6	52.6	153.	00.40	57.9	75.9	53.1	189.	03.40	53.2	60.5	51.2
118.	21.45	56.4	66.0	54.0	154.	00.45	56.5	74.8	52.0	190.	03.45	52.7	60.8	50.4
119.	21.50	55.8	65.1	54.2	155.	00.50	56.6	73.6	52.3	191.	03.50	53.3	59.9	51.7
120.	21.55	54.6	62.0	53.2	156.	00.55	56.7	73.7	52.7	192.	03.55	53.9	65.0	51.5
121.	22.00	55.2	59.0	54.1	157.	01.00	55.2	70.8	52.4	193.	04.00	53.5	64.4	51.9
122.	22.05	55.1	62.4	53.9	158.	01.05	56.3	71.7	52.8	194.	04.05	53.4	63.4	51.5
123.	22.10	54.7	64.0	52.8	159.	01.10	55.3	66.3	51.8	195.	04.10	53.5	58.9	51.5
124.	22.15	54.7	63.2	52.8	160.	01.15	56.4	70.6	51.3	196.	04.15	53.9	64.6	51.2
125.	22.20	54.9	61.3	53.8	161.	01.20	56.2	73.3	51.5	197.	04.20	53.5	59.7	51.6
126.	22.25	54.8	63.1	53.4	162.	01.25	58.5	70.5	51.9	198.	04.25	52.5	62.7	50.9
127.	22.30	54.6	66.2	52.7	163.	01.30	58.2	72.4	51.7	199.	04.30	52.2	59.1	50.6
128.	22.35	57.2	69.3	54.2	164.	01.35	58.2	78.1	49.6	200.	04.35	52.2	56.0	50.6
129.	22.40	55.3	65.3	53.7	165.	01.40	55.8	68.3	52.0	201.	04.40	53.8	65.7	50.4
130.	22.45	55.5	62.9	53.3	166.	01.45	57.3	70.0	52.3	202.	04.45	54.4	71.0	50.5
131.	22.50	55.7	73.3	54.0	167.	01.50	59.1	80.7	52.8	203.	04.50	53.9	65.2	51.5
132.	22.55	55.8	65.5	54.2	168.	01.55	58.8	75.2	52.6	204.	04.55	54.6	65.8	52.4
133.	23.00	54.0	60.7	52.7	169.	02.00	55.9	71.0	51.1	205.	05.00	56.0	70.1	51.9
134.	23.05	55.3	71.1	53.9	170.	02.05	53.8	71.9	50.5	206.	05.05	57.7	77.7	51.9
135.	23.10	55.3	68.4	54.0	171.	02.10	54.4	70.6	50.4	207.	05.10	58.6	79.7	51.7
136.	23.15	54.3	60.0	52.1	172.	02.15	52.8	62.7	50.2	208.	05.15	57.4	75.2	51.8
137.	23.20	53.7	61.8	51.9	173.	02.20	56.1	69.6	51.6	209.	05.20	57.8	71.2	53.5
138.	23.25	54.2	58.3	53.1	174.	02.25	56.7	68.4	52.0	210.	05.25	58.0	68.4	56.6
139.	23.30	55.5	67.7	53.6	175.	02.30	54.6	67.1	50.0	211.	05.30	57.3	62.7	56.4
140.	23.35	53.7	71.5	53.4	176.	02.35	53.6	60.2	50.2	212.	05.35	57.8	63.9	56.3
141.	23.40	55.6	62.2	53.6	177.	02.40	53.2	69.0	50.2	213.	05.40	56.8	61.5	55.8
142.	23.45	56.6	68.0	54.8	178.	02.45	51.5	59.7	49.5	214.	05.45	56.9	70.3	55.7
143.	23.50	55.9	69.1	54.2	179.	02.50	51.0	64.3	48.7	215.	05.50	58.1	73.5	56.2
144.	23.55	58.2	72.1	54.1	180.	02.55	51.2	56.7	49.2	216.	05.55	61.3	76.9	56.3



Thai Environmental Technic Limited
บริษัท เทคนิสิ่งแวดล้อมไทย จำกัด

(22/3-3)

รื้อรื้อโครงการด้านตะวันออก														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		06-07/12/22					06-07/12/22					06-07/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
217.	06.00	58.0	75.5	53.9	241.	08.00	54.5	62.0	51.8	265.	10.00	51.8	57.6	50.4
218.	06.05	58.3	79.1	52.5	242.	08.05	54.5	65.5	52.0	266.	10.05	51.5	55.9	50.4
219.	06.10	59.5	78.7	52.0	243.	08.10	54.1	63.5	52.2	267.	10.10	52.9	62.8	50.9
220.	06.15	58.2	76.9	53.4	244.	08.15	56.0	66.8	52.5	268.	10.15	53.3	58.4	51.7
221.	06.20	56.2	75.4	51.5	245.	08.20	54.9	77.8	51.9	269.	10.20	54.6	67.7	52.1
222.	06.25	54.6	60.1	52.1	246.	08.25	54.0	64.6	50.9	270.	10.25	52.5	61.4	50.6
223.	06.30	54.5	68.9	51.2	247.	08.30	52.4	58.5	50.5	271.	10.30	54.3	69.0	50.7
224.	06.35	55.4	70.1	52.1	248.	08.35	53.4	64.6	50.9	272.	10.35	51.9	60.1	49.2
225.	06.40	55.3	65.7	52.1	249.	08.40	53.7	62.8	51.1	273.	10.40	52.1	59.7	49.9
226.	06.45	54.3	63.1	51.8	250.	08.45	55.2	66.6	52.5	274.	10.45	51.8	57.1	50.0
227.	06.50	54.2	64.3	51.5	251.	08.50	55.9	67.3	53.0	275.	10.50	50.8	58.4	49.6
228.	06.55	53.7	63.7	51.0	252.	08.55	56.0	71.4	53.0	276.	10.55	50.9	53.8	49.6
229.	07.00	53.5	62.1	50.8	253.	09.00	56.6	72.7	52.6	277.	11.00	51.0	55.3	49.6
230.	07.05	53.9	63.0	51.8	254.	09.05	59.5	76.6	53.2	278.	11.05	51.7	59.7	49.5
231.	07.10	52.9	66.0	49.8	255.	09.10	60.3	73.5	53.0	279.	11.10	54.7	67.9	50.6
232.	07.15	53.9	72.0	49.7	256.	09.15	57.8	72.3	51.4	280.	11.15	54.5	64.0	51.1
233.	07.20	57.0	76.3	50.8	257.	09.20	56.1	73.6	51.9	281.	11.20	54.0	64.6	51.4
234.	07.25	59.2	77.8	53.2	258.	09.25	53.1	60.3	50.9	282.	11.25	53.5	67.9	51.0
235.	07.30	57.6	74.9	52.6	259.	09.30	52.3	61.9	50.7	283.	11.30	54.0	72.1	50.9
236.	07.35	56.8	74.2	52.6	260.	09.35	53.7	63.9	51.2	284.	11.35	54.8	73.0	51.2
237.	07.40	59.2	78.7	52.7	261.	09.40	53.6	61.1	51.5	285.	11.40	54.4	65.6	51.8
238.	07.45	59.4	72.8	53.2	262.	09.45	53.1	62.4	50.6	286.	11.45	53.6	66.3	51.1
239.	07.50	57.3	74.4	52.7	263.	09.50	52.3	59.8	50.4	287.	11.50	53.5	70.9	50.6
240.	07.55	54.3	66.5	51.5	264.	09.55	53.9	74.2	50.7	288.	11.55	54.3	73.0	50.9

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager

**TET**

Thai Environmental Technic Limited

บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ตะวันแดง 1999 จำกัด

Report No. : 3581/2022/23-42

Project : โครงการโรงงานผลิตแอลกอฮอล์และสุรา (ส่วนขยาย ครั้งที่ 1)
(ระยะดำเนินการ)

Report Date : December 19, 2022

Sampling Date : December 6-13, 2022

Address : เลขที่ 88 หมู่ที่ 15 บ้านเขาน้อย ตำบลหนองแซง
อำเภอหันคา จังหวัดชัยนาท

Type of Sample : Sound Level

Job No. : S650153/Dec

(23/1-3)

วิธีวัดโครงการด้านตะวันออก														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		07-08/12/22					07-08/12/22					07-08/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
1.	12.00	52.2	65.2	49.7	37.	15.00	53.9	57.5	52.6	73.	18.00	58.9	79.0	52.1
2.	12.05	52.8	66.2	50.3	38.	15.05	54.6	59.2	53.6	74.	18.05	59.6	72.4	52.5
3.	12.10	52.2	63.9	50.7	39.	15.10	55.0	59.4	54.2	75.	18.10	57.9	74.3	52.5
4.	12.15	52.5	63.6	50.9	40.	15.15	54.6	58.2	53.3	76.	18.15	55.0	69.3	52.3
5.	12.20	54.0	59.2	52.9	41.	15.20	53.8	60.6	52.7	77.	18.20	57.2	74.3	52.6
6.	12.25	53.5	65.2	52.1	42.	15.25	55.0	58.8	54.2	78.	18.25	60.0	76.0	53.2
7.	12.30	53.9	62.9	52.4	43.	15.30	54.8	65.2	53.8	79.	18.30	58.2	74.8	52.5
8.	12.35	53.3	66.5	52.1	44.	15.35	53.6	60.2	52.2	80.	18.35	54.3	68.0	51.2
9.	12.40	53.5	63.4	52.2	45.	15.40	54.6	57.8	53.4	81.	18.40	54.3	63.1	51.4
10.	12.45	54.3	63.2	52.1	46.	15.45	54.7	57.0	53.9	82.	18.45	53.6	61.5	51.5
11.	12.50	54.9	62.4	53.8	47.	15.50	54.4	62.5	52.5	83.	18.50	55.2	64.5	52.1
12.	12.55	54.6	60.8	52.5	48.	15.55	54.0	60.7	52.5	84.	18.55	54.7	63.4	51.8
13.	13.00	52.0	62.9	50.7	49.	16.00	54.7	57.6	54.0	85.	19.00	53.5	61.8	50.3
14.	13.05	54.7	60.3	51.9	50.	16.05	55.2	64.0	54.1	86.	19.05	56.3	70.3	50.8
15.	13.10	53.0	67.5	53.7	51.	16.10	54.3	60.0	53.2	87.	19.10	56.6	66.9	51.4
16.	13.15	54.6	61.8	53.6	52.	16.15	55.5	58.6	54.6	88.	19.15	55.9	66.1	52.1
17.	13.20	53.6	60.2	52.1	53.	16.20	55.6	63.9	54.7	89.	19.20	55.9	67.6	52.2
18.	13.25	55.2	58.3	54.3	54.	16.25	54.4	58.3	53.1	90.	19.25	56.4	68.2	52.7
19.	13.30	55.2	60.9	54.3	55.	16.30	55.5	60.7	53.4	91.	19.30	53.5	60.6	51.3
20.	13.35	54.2	64.1	52.6	56.	16.35	55.3	60.5	54.4	92.	19.35	54.7	66.5	51.8
21.	13.40	55.5	69.8	52.9	57.	16.40	54.9	60.7	53.3	93.	19.40	54.1	64.4	51.0
22.	13.45	55.3	62.1	54.3	58.	16.45	54.2	61.8	52.5	94.	19.45	52.8	67.6	50.2
23.	13.50	55.3	65.1	53.8	59.	16.50	53.6	59.7	54.6	95.	19.50	52.3	66.1	49.8
24.	13.55	54.9	63.9	53.1	60.	16.55	55.2	62.5	54.3	96.	19.55	52.7	65.3	50.1
25.	14.00	55.8	60.0	54.8	61.	17.00	54.8	61.0	53.5	97.	20.00	51.5	61.4	49.7
26.	14.05	56.3	67.9	54.8	62.	17.05	55.9	59.0	55.1	98.	20.05	51.6	60.4	49.9
27.	14.10	55.1	75.0	52.6	63.	17.10	56.6	66.8	55.4	99.	20.10	51.9	63.5	49.7
28.	14.15	54.5	61.5	53.0	64.	17.15	56.3	69.5	54.6	100.	20.15	52.8	72.3	49.8
29.	14.20	55.4	61.2	54.2	65.	17.20	60.0	77.2	52.6	101.	20.20	52.4	63.4	50.0
30.	14.25	54.6	60.8	53.4	66.	17.25	60.2	79.2	51.8	102.	20.25	52.6	64.5	50.0
31.	14.30	54.8	65.2	53.4	67.	17.30	55.3	70.8	51.0	103.	20.30	53.3	64.8	49.7
32.	14.35	55.9	64.9	54.6	68.	17.35	54.8	68.5	50.6	104.	20.35	53.5	64.5	49.8
33.	14.40	55.2	58.8	54.4	69.	17.40	58.4	77.9	51.7	105.	20.40	52.5	65.0	49.0
34.	14.45	53.7	60.0	52.8	70.	17.45	58.7	77.1	52.1	106.	20.45	51.0	57.6	49.3
35.	14.50	55.1	57.3	54.3	71.	17.50	56.4	71.9	52.0	107.	20.50	51.2	58.7	49.3
36.	14.55	55.2	59.8	54.3	72.	17.55	55.8	75.6	51.6	108.	20.55	53.3	67.9	50.6



Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(23/2-3)

ริมรั้วโครงการด้านตะวันออก														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		07-08/12/22					07-08/12/22					07-08/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
109.	21.00	52.3	66.1	50.0	145.	00.00	50.8	55.9	48.9	181.	03.00	56.8	65.1	55.2
110.	21.05	50.9	57.3	49.2	146.	00.05	52.1	56.3	50.2	182.	03.05	61.7	77.5	58.6
111.	21.10	50.4	61.6	48.0	147.	00.10	53.1	75.0	49.3	183.	03.10	58.7	65.5	57.4
112.	21.15	51.2	67.7	48.3	148.	00.15	59.2	83.9	54.8	184.	03.15	58.9	68.7	57.7
113.	21.20	50.4	62.5	47.7	149.	00.20	61.7	69.9	60.3	185.	03.20	60.1	71.5	57.9
114.	21.25	51.1	63.8	48.3	150.	00.25	59.5	82.9	55.0	186.	03.25	59.8	76.0	58.2
115.	21.30	52.3	67.4	48.3	151.	00.30	57.3	73.1	55.5	187.	03.30	59.6	80.6	58.0
116.	21.35	50.9	60.1	48.1	152.	00.35	57.9	70.1	56.6	188.	03.35	60.9	88.2	57.3
117.	21.40	50.2	56.6	48.4	153.	00.40	60.2	84.1	58.2	189.	03.40	60.2	87.4	57.1
118.	21.45	56.0	66.8	51.0	154.	00.45	57.5	71.1	54.6	190.	03.45	64.3	93.1	57.5
119.	21.50	54.0	74.2	50.7	155.	00.50	56.0	67.0	54.8	191.	03.50	61.4	85.3	58.0
120.	21.55	52.9	62.0	50.9	156.	00.55	55.7	66.0	53.3	192.	03.55	59.7	80.1	57.3
121.	22.00	53.6	68.1	51.7	157.	01.00	64.6	96.0	51.5	193.	04.00	59.2	71.5	57.5
122.	22.05	54.5	71.0	52.5	158.	01.05	52.3	58.4	50.6	194.	04.05	59.7	69.4	58.0
123.	22.10	54.0	59.0	52.7	159.	01.10	50.3	56.9	48.7	195.	04.10	60.4	75.2	57.2
124.	22.15	54.7	67.1	52.3	160.	01.15	50.2	56.4	48.7	196.	04.15	57.6	66.8	56.0
125.	22.20	54.1	63.3	51.9	161.	01.20	51.3	59.3	48.6	197.	04.20	56.9	66.7	54.9
126.	22.25	55.1	65.0	53.2	162.	01.25	51.2	61.1	47.9	198.	04.25	57.6	66.2	55.7
127.	22.30	55.2	66.7	53.4	163.	01.30	50.4	64.8	47.7	199.	04.30	57.8	66.8	53.6
128.	22.35	55.1	63.9	53.0	164.	01.35	50.2	60.3	48.1	200.	04.35	60.3	75.9	55.1
129.	22.40	53.6	59.7	52.1	165.	01.40	50.2	56.3	47.9	201.	04.40	60.5	82.0	56.1
130.	22.45	54.6	69.5	52.5	166.	01.45	49.4	55.6	47.6	202.	04.45	57.4	76.4	55.3
131.	22.50	54.0	68.8	51.6	167.	01.50	51.6	79.9	48.4	203.	04.50	57.5	74.1	55.1
132.	22.55	54.4	65.0	52.3	168.	01.55	51.1	59.2	49.8	204.	04.55	57.6	68.2	55.4
133.	23.00	56.7	65.8	53.9	169.	02.00	53.7	75.1	50.9	205.	05.00	58.0	71.0	55.2
134.	23.05	54.8	59.9	53.7	170.	02.05	52.4	63.2	50.7	206.	05.05	57.7	70.8	54.7
135.	23.10	57.1	80.5	53.8	171.	02.10	59.9	92.8	50.7	207.	05.10	55.7	65.0	52.9
136.	23.15	61.4	92.6	53.7	172.	02.15	54.3	79.9	51.6	208.	05.15	55.9	64.8	51.2
137.	23.20	54.7	65.7	53.4	173.	02.20	52.7	67.2	51.5	209.	05.20	57.5	69.0	54.8
138.	23.25	54.4	66.3	52.6	174.	02.25	52.4	60.3	51.1	210.	05.25	57.6	70.2	54.1
139.	23.30	51.3	57.2	49.9	175.	02.30	51.3	59.8	50.3	211.	05.30	56.6	69.1	53.9
140.	23.35	52.4	58.9	49.4	176.	02.35	52.1	60.0	50.6	212.	05.35	56.3	64.7	54.6
141.	23.40	53.8	59.3	52.2	177.	02.40	53.1	57.2	51.0	213.	05.40	56.9	68.5	54.8
142.	23.45	53.3	57.1	52.2	178.	02.45	54.8	77.1	52.9	214.	05.45	57.0	67.7	54.4
143.	23.50	50.8	56.2	49.1	179.	02.50	52.7	62.8	51.5	215.	05.50	56.8	68.1	54.7
144.	23.55	50.3	55.8	49.0	180.	02.55	53.4	60.4	52.3	216.	05.55	56.7	67.6	54.5

**TET**

Thai Environmental Technic Limited

บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(23/3-3)

วิธีวัดโครงการด้านตะวันออก														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		07-08/12/22					07-08/12/22					07-08/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
217.	06.00	57.4	68.9	55.5	241.	08.00	60.1	86.4	56.0	265.	10.00	57.3	75.0	52.9
218.	06.05	60.1	89.7	55.0	242.	08.05	58.9	85.2	55.3	266.	10.05	55.3	76.9	52.4
219.	06.10	57.9	86.7	54.0	243.	08.10	56.2	68.0	53.7	267.	10.10	55.7	74.7	53.4
220.	06.15	58.3	76.8	55.0	244.	08.15	56.4	72.6	53.8	268.	10.15	54.6	65.6	52.4
221.	06.20	57.7	80.7	54.7	245.	08.20	55.1	65.3	53.0	269.	10.20	58.3	74.4	53.0
222.	06.25	57.7	87.6	53.5	246.	08.25	57.3	74.8	54.1	270.	10.25	55.0	65.3	52.9
223.	06.30	56.3	80.6	54.5	247.	08.30	56.9	77.1	54.8	271.	10.30	58.6	88.1	52.7
224.	06.35	58.5	80.9	55.2	248.	08.35	58.6	88.3	54.4	272.	10.35	56.9	67.6	53.5
225.	06.40	60.4	90.6	53.6	249.	08.40	59.9	73.1	55.2	273.	10.40	57.6	66.3	54.7
226.	06.45	56.2	66.8	54.4	250.	08.45	56.3	68.2	53.0	274.	10.45	56.8	67.7	52.6
227.	06.50	61.7	89.1	56.0	251.	08.50	56.5	69.1	54.4	275.	10.50	55.5	67.6	52.0
228.	06.55	57.8	75.7	55.6	252.	08.55	58.2	72.4	54.7	276.	10.55	57.6	67.7	53.0
229.	07.00	57.3	77.9	55.4	253.	09.00	58.1	85.2	52.7	277.	11.00	57.9	69.6	53.2
230.	07.05	60.4	88.1	56.4	254.	09.05	57.0	74.0	53.1	278.	11.05	60.1	69.3	55.6
231.	07.10	57.7	71.3	55.7	255.	09.10	56.3	69.2	53.8	279.	11.10	61.5	72.3	55.9
232.	07.15	56.2	73.1	55.0	256.	09.15	57.3	74.4	53.4	280.	11.15	60.1	70.1	57.1
233.	07.20	57.3	79.7	55.4	257.	09.20	56.9	69.8	53.5	281.	11.20	59.6	81.5	55.8
234.	07.25	56.8	71.7	55.6	258.	09.25	57.6	77.4	53.8	282.	11.25	58.3	81.5	54.4
235.	07.30	58.0	81.0	55.1	259.	09.30	58.8	87.8	55.1	283.	11.30	54.4	75.7	52.8
236.	07.35	57.6	73.1	55.3	260.	09.35	59.6	89.8	54.8	284.	11.35	53.8	63.8	51.7
237.	07.40	57.3	79.9	53.8	261.	09.40	57.6	85.9	52.7	285.	11.40	52.8	62.7	51.6
238.	07.45	56.6	71.1	54.2	262.	09.45	54.2	62.7	52.2	286.	11.45	53.2	61.8	51.7
239.	07.50	56.1	68.1	54.2	263.	09.50	58.1	83.6	53.0	287.	11.50	54.6	69.9	51.1
240.	07.55	56.2	76.6	53.7	264.	09.55	53.9	65.4	52.3	288.	11.55	53.8	61.4	51.7

Wannasiri S.

Wannasiri Suriyawong

*Somchai P.*Somchai Piyavorasakul
General Manager



Thai Environmental Technic Limited

บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ตะวันแดง 1999 จำกัด

Report No. : 3581/2022/24-42

Project : โครงการโรงงานผลิตแอลกอฮอล์และสุรา (ส่วนขยาย ครั้งที่ 1)
(ระยะดำเนินการ)

Report Date : December 19, 2022

Sampling Date : December 6-13, 2022

Address : เลขที่ 88 หมู่ที่ 15 บ้านเขาน้อย ตำบลหนองแสง
อำเภอหันคา จังหวัดชัยนาท

Type of Sample : Sound Level

Job No. : S650153/Dec

(24/1-3)

วิธีวัดโครงการด้านตะวันออก														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		08-09/12/22					08-09/12/22					08-09/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
1.	12.00	59.1	89.2	53.6	37.	15.00	58.1	68.6	56.6	73.	18.00	55.3	66.2	53.9
2.	12.05	56.6	82.5	53.6	38.	15.05	58.4	65.2	56.9	74.	18.05	54.7	64.5	53.5
3.	12.10	60.3	89.5	56.0	39.	15.10	58.0	62.3	56.9	75.	18.10	54.5	62.1	52.7
4.	12.15	57.3	77.5	55.7	40.	15.15	57.2	67.3	55.6	76.	18.15	55.4	66.6	54.1
5.	12.20	56.8	62.2	55.1	41.	15.20	57.6	65.8	55.9	77.	18.20	55.7	65.3	54.4
6.	12.25	56.5	61.0	55.5	42.	15.25	58.0	67.4	57.0	78.	18.25	54.9	60.4	52.0
7.	12.30	57.6	67.7	53.8	43.	15.30	57.5	60.6	56.6	79.	18.30	53.0	66.8	51.6
8.	12.35	58.3	64.0	56.4	44.	15.35	57.4	66.2	56.0	80.	18.35	52.5	69.0	50.2
9.	12.40	57.4	62.8	56.1	45.	15.40	56.8	67.4	55.3	81.	18.40	52.5	61.9	50.9
10.	12.45	57.8	64.9	55.9	46.	15.45	57.4	64.6	56.1	82.	18.45	54.3	60.1	53.4
11.	12.50	58.7	64.3	57.2	47.	15.50	57.8	65.8	56.7	83.	18.50	53.2	66.9	54.1
12.	12.55	58.7	65.0	57.1	48.	15.55	57.8	63.4	56.7	84.	18.55	54.2	60.8	53.0
13.	13.00	58.4	66.9	56.9	49.	16.00	56.4	65.9	55.2	85.	19.00	53.8	61.1	52.5
14.	13.05	59.8	68.6	57.6	50.	16.05	57.1	66.9	56.0	86.	19.05	53.9	62.7	52.3
15.	13.10	59.6	68.2	57.9	51.	16.10	56.6	59.4	55.7	87.	19.10	53.7	62.3	52.3
16.	13.15	58.1	62.0	56.4	52.	16.15	56.7	64.1	55.4	88.	19.15	53.2	63.9	52.1
17.	13.20	59.6	68.9	57.0	53.	16.20	56.6	65.6	55.2	89.	19.20	53.5	62.3	52.2
18.	13.25	58.7	66.4	57.1	54.	16.25	56.9	63.9	55.6	90.	19.25	54.4	63.4	52.6
19.	13.30	60.3	67.7	58.6	55.	16.30	57.3	64.1	56.2	91.	19.30	55.1	60.1	54.2
20.	13.35	59.3	67.5	57.9	56.	16.35	57.7	68.3	56.2	92.	19.35	55.3	61.1	54.2
21.	13.40	60.2	65.5	58.4	57.	16.40	56.9	68.8	55.1	93.	19.40	53.2	59.8	52.2
22.	13.45	61.0	69.7	59.1	58.	16.45	56.2	63.9	54.9	94.	19.45	53.8	61.8	52.5
23.	13.50	61.1	67.3	58.9	59.	16.50	55.8	59.6	54.9	95.	19.50	52.8	69.0	51.1
24.	13.55	59.7	66.5	58.1	60.	16.55	56.0	62.6	54.9	96.	19.55	53.9	68.3	51.2
25.	14.00	59.9	67.7	58.2	61.	17.00	55.9	60.3	54.7	97.	20.00	54.3	67.1	52.1
26.	14.05	60.1	63.4	58.8	62.	17.05	55.6	64.5	54.0	98.	20.05	52.4	59.5	51.6
27.	14.10	59.9	66.4	58.8	63.	17.10	55.4	63.4	53.9	99.	20.10	52.5	65.2	51.5
28.	14.15	59.4	67.8	57.9	64.	17.15	54.9	67.0	52.9	100.	20.15	68.8	59.7	47.7
29.	14.20	59.6	64.8	58.3	65.	17.20	55.7	64.2	54.2	101.	20.20	51.1	59.4	48.6
30.	14.25	59.5	62.9	58.1	66.	17.25	55.7	64.1	54.2	102.	20.25	49.8	62.3	48.1
31.	14.30	59.8	67.0	57.9	67.	17.30	53.8	66.4	51.6	103.	20.30	50.8	53.7	49.0
32.	14.35	58.1	67.4	56.8	68.	17.35	53.5	62.8	51.4	104.	20.35	49.7	55.0	48.6
33.	14.40	58.5	68.5	56.9	69.	17.40	53.2	63.4	51.3	105.	20.40	50.0	56.9	48.7
34.	14.45	58.8	68.3	57.4	70.	17.45	53.7	63.8	51.7	106.	20.45	50.0	57.2	48.9
35.	14.50	58.7	66.7	57.5	71.	17.50	52.9	62.4	51.4	107.	20.50	51.9	69.5	49.7
36.	14.55	58.1	63.2	56.9	72.	17.55	54.3	70.2	51.5	108.	20.55	52.5	60.3	50.1



Thai Environmental Technic Limited
บริษัท เทคนิกลิ่งแวดล้อมไทย จำกัด

(24/2-3)

จิมวอเตอร์โครงการด้านตะวันออก														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		08-09/12/22					08-09/12/22					08-09/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
109.	21.00	53.2	57.1	52.1	145.	00.00	54.0	73.1	52.4	181.	03.00	58.6	63.1	57.8
110.	21.05	52.3	57.1	49.7	146.	00.05	55.8	70.2	53.9	182.	03.05	58.4	60.0	57.6
111.	21.10	51.1	63.3	49.4	147.	00.10	59.6	71.8	54.0	183.	03.10	58.4	61.7	57.6
112.	21.15	52.3	69.9	50.0	148.	00.15	55.7	68.4	52.2	184.	03.15	58.4	60.9	57.6
113.	21.20	52.0	61.2	49.9	149.	00.20	54.2	62.8	52.4	185.	03.20	58.0	60.1	57.3
114.	21.25	53.3	61.4	51.9	150.	00.25	55.3	66.5	54.1	186.	03.25	57.9	60.9	57.1
115.	21.30	53.6	56.4	52.8	151.	00.30	56.5	66.6	55.1	187.	03.30	57.6	59.4	56.8
116.	21.35	52.5	65.0	50.6	152.	00.35	56.4	67.1	54.3	188.	03.35	57.5	59.3	56.8
117.	21.40	54.1	64.4	51.9	153.	00.40	56.2	67.4	53.0	189.	03.40	57.7	59.5	57.0
118.	21.45	54.7	65.9	53.6	154.	00.45	55.7	63.6	53.9	190.	03.45	57.7	59.5	57.0
119.	21.50	54.4	59.3	53.4	155.	00.50	56.6	67.1	54.5	191.	03.50	57.6	59.2	56.9
120.	21.55	52.7	61.6	51.4	156.	00.55	56.7	66.5	54.1	192.	03.55	57.7	59.3	57.0
121.	22.00	52.7	56.7	51.4	157.	01.00	56.8	66.6	54.3	193.	04.00	57.7	60.2	56.9
122.	22.05	53.4	61.6	51.8	158.	01.05	57.0	63.9	55.3	194.	04.05	57.8	59.9	57.0
123.	22.10	53.7	62.3	52.1	159.	01.10	60.3	73.9	55.6	195.	04.10	57.8	60.0	57.0
124.	22.15	55.4	63.2	53.1	160.	01.15	56.7	68.3	54.1	196.	04.15	58.1	60.4	57.3
125.	22.20	55.5	63.1	54.3	161.	01.20	57.2	67.3	55.0	197.	04.20	58.1	60.0	57.3
126.	22.25	56.8	63.8	55.1	162.	01.25	57.8	72.3	55.2	198.	04.25	58.1	59.9	57.3
127.	22.30	56.0	64.1	52.5	163.	01.30	56.3	72.2	53.6	199.	04.30	58.4	64.6	57.4
128.	22.35	54.7	62.3	53.0	164.	01.35	57.5	70.2	54.0	200.	04.35	58.2	60.4	57.3
129.	22.40	55.1	58.5	54.3	165.	01.40	56.8	67.4	54.8	201.	04.40	58.2	60.8	57.3
130.	22.45	54.7	59.3	53.1	166.	01.45	57.4	68.7	55.3	202.	04.45	58.0	61.8	57.0
131.	22.50	56.0	68.0	53.2	167.	01.50	55.0	62.9	53.5	203.	04.50	57.9	63.7	57.1
132.	22.55	55.7	65.6	54.3	168.	01.55	56.1	71.7	54.1	204.	04.55	57.9	61.6	57.0
133.	23.00	55.3	65.8	53.8	169.	02.00	57.4	63.9	55.8	205.	05.00	57.9	70.4	57.0
134.	23.05	54.2	65.1	51.8	170.	02.05	57.7	66.0	55.2	206.	05.05	58.2	70.6	57.1
135.	23.10	56.0	71.2	54.2	171.	02.10	57.5	70.5	54.3	207.	05.10	58.3	62.2	57.4
136.	23.15	55.4	63.0	54.2	172.	02.15	58.1	59.8	57.4	208.	05.15	58.5	63.4	57.5
137.	23.20	53.4	62.8	51.9	173.	02.20	58.2	59.9	57.4	209.	05.20	58.4	64.8	57.3
138.	23.25	55.1	67.8	53.4	174.	02.25	58.2	62.4	57.5	210.	05.25	58.6	65.2	57.4
139.	23.30	55.7	67.3	53.7	175.	02.30	58.4	60.2	57.7	211.	05.30	58.7	69.8	57.5
140.	23.35	55.3	67.8	52.8	176.	02.35	58.1	60.0	57.4	212.	05.35	58.2	69.0	57.3
141.	23.40	54.5	66.6	51.1	177.	02.40	58.1	59.7	57.3	213.	05.40	58.2	62.9	57.3
142.	23.45	55.5	71.6	52.1	178.	02.45	57.7	59.3	57.1	214.	05.45	58.0	60.3	57.2
143.	23.50	55.6	71.8	53.2	179.	02.50	58.6	62.8	57.7	215.	05.50	57.7	59.8	56.9
144.	23.55	56.1	72.8	53.5	180.	02.55	58.3	60.4	57.5	216.	05.55	58.2	73.7	57.2



Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(24/3-3)

วิธีโครงการด้านตะวันออก														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		08-09/12/22					08-09/12/22					08-09/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
217.	06.00	57.9	62.1	57.0	241.	08.00	58.4	60.4	57.6	265.	10.00	58.2	63.1	57.3
218.	06.05	58.1	60.4	57.3	242.	08.05	58.4	60.9	57.5	266.	10.05	58.1	61.7	57.3
219.	06.10	58.4	64.4	57.4	243.	08.10	58.3	61.1	57.4	267.	10.10	58.0	60.5	57.2
220.	06.15	58.4	64.0	57.3	244.	08.15	58.3	59.9	57.4	268.	10.15	58.2	62.8	57.3
221.	06.20	58.1	61.7	57.3	245.	08.20	58.3	60.6	57.4	269.	10.20	58.1	62.7	57.2
222.	06.25	58.0	69.8	57.1	246.	08.25	58.1	60.0	57.3	270.	10.25	58.2	62.0	57.4
223.	06.30	58.1	60.3	57.2	247.	08.30	58.0	60.2	57.1	271.	10.30	58.1	63.1	57.2
224.	06.35	57.8	66.2	57.0	248.	08.35	58.1	63.4	57.2	272.	10.35	58.1	61.5	57.4
225.	06.40	58.0	64.2	56.9	249.	08.40	57.8	65.2	57.0	273.	10.40	57.8	59.5	57.0
226.	06.45	57.9	64.5	57.0	250.	08.45	57.7	59.4	57.0	274.	10.45	57.7	60.1	56.9
227.	06.50	57.8	59.8	57.0	251.	08.50	57.7	59.8	57.0	275.	10.50	58.0	62.6	57.2
228.	06.55	58.0	59.8	57.2	252.	08.55	57.9	60.2	57.0	276.	10.55	57.9	60.4	57.2
229.	07.00	58.1	60.6	57.3	253.	09.00	57.9	60.2	57.0	277.	11.00	57.9	67.5	57.0
230.	07.05	59.0	63.2	57.7	254.	09.05	57.7	61.2	57.0	278.	11.05	58.0	74.0	56.9
231.	07.10	58.6	64.0	57.7	255.	09.10	57.7	59.3	56.8	279.	11.10	58.6	63.1	56.9
232.	07.15	58.5	62.5	57.6	256.	09.15	57.7	59.8	56.9	280.	11.15	57.5	59.3	56.8
233.	07.20	58.5	60.8	57.6	257.	09.20	57.5	59.8	56.8	281.	11.20	57.5	59.5	56.8
234.	07.25	58.4	60.2	57.6	258.	09.25	57.8	60.0	57.0	282.	11.25	57.4	59.3	56.7
235.	07.30	58.4	60.2	57.5	259.	09.30	58.1	62.6	57.3	283.	11.30	57.9	66.0	57.0
236.	07.35	58.4	61.2	57.6	260.	09.35	58.3	64.0	57.4	284.	11.35	57.9	68.4	57.0
237.	07.40	59.0	64.0	57.7	261.	09.40	58.0	59.9	57.2	285.	11.40	58.1	64.2	56.6
238.	07.45	58.4	62.6	57.6	262.	09.45	58.1	59.8	57.2	286.	11.45	57.5	82.2	55.2
239.	07.50	58.8	61.6	57.9	263.	09.50	58.0	60.1	57.2	287.	11.50	56.9	60.7	56.1
240.	07.55	58.6	60.9	57.8	264.	09.55	58.1	62.4	57.3	288.	11.55	57.6	69.3	56.5

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager



Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ตะวันแดง 1999 จำกัด

Report No. : 3581/2022/25-42

Project : โครงการโรงงานผลิตแอลกอฮอล์และสุรา (ส่วนขยาย ครั้งที่ 1)
(ระยะดำเนินการ)

Report Date : December 19, 2022

Sampling Date : December 6-13, 2022

Address : เลขที่ 88 หมู่ที่ 15 บ้านเขาน้อย ตำบลหนองแขง
อำเภอหันคา จังหวัดชัยนาท

Type of Sample : Sound Level

Job No. : S650153/Dec

(25/1-3)

วิธีวัดโครงการด้านตะวันออก														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		09-10/12/22					09-10/12/22					09-10/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
1.	12.00	58.1	68.6	57.1	37.	15.00	57.5	71.7	56.1	73.	18.00	57.2	68.3	56.4
2.	12.05	58.0	77.6	56.8	38.	15.05	58.0	72.5	56.5	74.	18.05	57.2	71.5	56.3
3.	12.10	57.3	63.8	56.6	39.	15.10	58.3	81.2	56.7	75.	18.10	56.9	65.3	56.2
4.	12.15	57.4	72.0	56.5	40.	15.15	57.4	68.0	56.4	76.	18.15	56.9	73.9	56.1
5.	12.20	57.3	70.4	56.5	41.	15.20	57.6	70.4	56.6	77.	18.20	56.8	58.1	56.1
6.	12.25	59.9	84.0	56.6	42.	15.25	57.6	74.2	56.4	78.	18.25	56.6	59.8	56.0
7.	12.30	57.7	76.2	56.7	43.	15.30	57.3	69.2	56.3	79.	18.30	57.2	58.9	56.6
8.	12.35	57.5	68.3	56.7	44.	15.35	57.9	73.1	56.8	80.	18.35	57.2	59.5	56.6
9.	12.40	55.8	68.8	54.2	45.	15.40	58.0	71.5	57.0	81.	18.40	57.1	61.3	56.5
10.	12.45	58.2	73.4	55.5	46.	15.45	58.3	70.5	57.2	82.	18.45	56.9	59.4	56.3
11.	12.50	56.4	69.3	55.6	47.	15.50	58.9	70.8	58.0	83.	18.50	56.7	58.2	56.0
12.	12.55	58.0	70.3	55.6	48.	15.55	58.9	69.8	58.1	84.	18.55	56.6	58.0	56.0
13.	13.00	57.5	71.3	56.3	49.	16.00	59.8	73.6	58.8	85.	19.00	56.7	58.4	56.1
14.	13.05	56.6	73.2	55.4	50.	16.05	60.5	85.3	58.5	86.	19.05	56.7	58.8	56.0
15.	13.10	56.4	74.2	55.4	51.	16.10	60.7	87.4	58.4	87.	19.10	56.8	59.1	56.1
16.	13.15	56.3	69.0	55.5	52.	16.15	60.1	75.8	58.7	88.	19.15	57.0	58.6	56.3
17.	13.20	56.0	66.6	55.2	53.	16.20	61.0	79.7	59.3	89.	19.20	56.9	63.1	56.1
18.	13.25	57.4	73.2	55.7	54.	16.25	59.1	69.1	58.3	90.	19.25	56.6	72.6	55.6
19.	13.30	56.3	69.2	55.4	55.	16.30	58.8	80.3	58.0	91.	19.30	56.3	59.5	55.6
20.	13.35	56.9	71.1	55.7	56.	16.35	58.3	73.2	57.7	92.	19.35	56.5	62.9	55.5
21.	13.40	57.2	74.1	55.8	57.	16.40	58.1	68.5	57.6	93.	19.40	56.5	62.1	55.8
22.	13.45	57.4	72.1	55.7	58.	16.45	58.0	72.5	57.5	94.	19.45	56.6	62.2	55.7
23.	13.50	56.4	66.1	55.7	59.	16.50	58.3	64.1	57.7	95.	19.50	56.7	60.8	55.9
24.	13.55	56.8	65.1	55.9	60.	16.55	59.0	82.4	57.7	96.	19.55	56.3	60.9	55.6
25.	14.00	57.0	70.6	55.9	61.	17.00	58.1	66.4	57.5	97.	20.00	56.7	69.4	55.6
26.	14.05	60.3	77.2	58.7	62.	17.05	58.3	64.0	57.6	98.	20.05	56.3	61.3	55.5
27.	14.10	61.2	77.9	59.8	63.	17.10	58.1	67.9	57.5	99.	20.10	56.5	59.9	55.8
28.	14.15	61.1	73.2	58.3	64.	17.15	58.3	64.4	57.5	100.	20.15	56.4	58.8	55.7
29.	14.20	59.3	71.5	58.1	65.	17.20	58.1	72.2	57.5	101.	20.20	56.0	56.8	55.4
30.	14.25	58.4	69.3	57.4	66.	17.25	58.0	64.4	57.5	102.	20.25	56.1	58.8	55.4
31.	14.30	58.9	76.4	57.3	67.	17.30	58.4	71.5	57.7	103.	20.30	56.2	60.3	55.5
32.	14.35	57.9	70.9	56.8	68.	17.35	59.1	73.0	58.0	104.	20.35	55.6	61.3	55.0
33.	14.40	58.7	76.9	57.0	69.	17.40	58.3	69.1	57.6	105.	20.40	55.7	59.4	55.1
34.	14.45	58.4	70.6	56.5	70.	17.45	57.9	72.9	57.0	106.	20.45	55.9	63.0	55.3
35.	14.50	59.1	74.6	57.6	71.	17.50	57.8	72.0	56.8	107.	20.50	55.8	63.2	55.1
36.	14.55	58.5	77.1	56.9	72.	17.55	57.3	71.0	56.5	108.	20.55	56.0	69.0	55.2



Thai Environmental Technic Limited
บริษัท เทคนิกลิ่งแวดล้อมไทย จำกัด

(25/2-3)

วิธีวัดโครงการด้านตะวันออก														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		09-10/12/22					09-10/12/22					09-10/12/22		
		Leq	Lmax	L ₉₅			Leq	Lmax	L ₉₅			Leq	Lmax	L ₉₅
109.	21.00	56.1	65.9	55.4	145.	00.00	57.7	66.1	56.6	181.	03.00	53.5	61.1	51.8
110.	21.05	56.6	64.9	55.8	146.	00.05	57.9	65.6	57.0	182.	03.05	53.9	57.3	53.1
111.	21.10	57.3	70.1	56.3	147.	00.10	57.8	63.8	56.9	183.	03.10	53.5	58.1	51.9
112.	21.15	56.7	68.8	55.8	148.	00.15	58.4	64.7	56.8	184.	03.15	54.8	66.8	52.0
113.	21.20	57.1	63.8	55.1	149.	00.20	57.7	66.6	56.8	185.	03.20	54.5	64.4	53.1
114.	21.25	56.6	61.3	55.7	150.	00.25	57.3	59.4	56.6	186.	03.25	54.1	64.6	52.6
115.	21.30	56.5	60.0	55.6	151.	00.30	57.4	61.5	56.2	187.	03.30	53.0	63.9	50.6
116.	21.35	56.8	59.5	56.0	152.	00.35	57.6	66.2	56.8	188.	03.35	54.8	70.0	53.0
117.	21.40	56.6	59.9	55.9	153.	00.40	57.4	62.3	56.2	189.	03.40	54.2	61.8	53.0
118.	21.45	56.6	58.9	55.7	154.	00.45	57.5	62.1	56.5	190.	03.45	52.2	61.6	50.7
119.	21.50	57.0	59.7	56.1	155.	00.50	57.9	63.0	57.0	191.	03.50	53.9	66.6	52.2
120.	21.55	57.0	58.9	56.4	156.	00.55	57.6	62.5	56.8	192.	03.55	54.5	66.1	52.5
121.	22.00	57.1	64.5	56.3	157.	01.00	57.9	62.7	57.1	193.	04.00	54.1	66.6	51.6
122.	22.05	57.5	64.1	56.6	158.	01.05	57.8	63.3	56.9	194.	04.05	53.3	65.4	49.9
123.	22.10	57.3	64.1	56.3	159.	01.10	57.7	62.7	56.8	195.	04.10	54.3	70.4	50.9
124.	22.15	56.7	59.3	56.0	160.	01.15	57.8	63.2	56.9	196.	04.15	54.4	70.6	52.0
125.	22.20	56.4	58.6	55.5	161.	01.20	57.9	62.9	56.9	197.	04.20	50.9	71.6	52.3
126.	22.25	56.6	63.7	55.5	162.	01.25	57.4	62.0	56.3	198.	04.25	52.8	71.9	51.2
127.	22.30	56.4	58.4	55.6	163.	01.30	57.8	59.8	57.0	199.	04.30	54.6	69.1	52.7
128.	22.35	57.4	74.0	55.8	164.	01.35	56.7	59.8	53.8	200.	04.35	58.4	70.6	52.8
129.	22.40	57.1	69.7	56.1	165.	01.40	57.4	60.6	55.6	201.	04.40	54.5	67.2	51.0
130.	22.45	56.9	59.8	56.1	166.	01.45	56.9	60.6	55.9	202.	04.45	53.0	61.6	51.2
131.	22.50	57.9	67.7	57.0	167.	01.50	57.7	62.5	56.8	203.	04.50	54.1	65.3	52.9
132.	22.55	57.5	60.3	56.6	168.	01.55	56.9	61.6	56.0	204.	04.55	55.3	63.4	53.9
133.	23.00	57.7	65.3	56.8	169.	02.00	57.5	60.0	56.8	205.	05.00	55.2	65.9	53.1
134.	23.05	58.1	68.3	56.8	170.	02.05	57.0	61.3	56.3	206.	05.05	55.0	66.2	51.8
135.	23.10	58.0	60.7	57.3	171.	02.10	57.5	61.4	56.6	207.	05.10	54.3	62.4	52.7
136.	23.15	58.4	74.2	57.2	172.	02.15	57.4	62.9	56.4	208.	05.15	55.4	65.9	53.3
137.	23.20	58.0	64.9	57.3	173.	02.20	56.7	71.6	54.9	209.	05.20	55.5	65.3	52.9
138.	23.25	57.5	62.1	56.5	174.	02.25	55.4	61.0	54.6	210.	05.25	55.6	65.4	53.1
139.	23.30	58.0	63.6	57.0	175.	02.30	55.2	59.9	54.4	211.	05.30	55.8	62.7	54.1
140.	23.35	57.9	60.5	57.0	176.	02.35	55.3	59.1	54.1	212.	05.35	59.1	72.7	54.4
141.	23.40	57.5	62.8	56.5	177.	02.40	56.5	63.1	54.6	213.	05.40	55.5	67.1	52.9
142.	23.45	57.1	62.7	56.0	178.	02.45	55.6	57.9	54.6	214.	05.45	56.0	66.1	53.8
143.	23.50	57.4	60.9	56.3	179.	02.50	55.6	62.6	53.9	215.	05.50	56.6	71.1	54.0
144.	23.55	58.0	64.8	57.3	180.	02.55	54.8	62.9	51.3	216.	05.55	55.1	71.0	52.4

**TET**

Thai Environmental Technic Limited

บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(25/3-3)

วิธีวัดโครงการด้านตะวันออก														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		09-10/12/22					09-10/12/22					09-10/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
217.	06.00	56.3	69.0	52.8	241.	08.00	56.3	58.1	55.6	265.	10.00	57.0	67.8	56.1
218.	06.05	55.6	66.2	53.6	242.	08.05	56.5	58.3	55.8	266.	10.05	57.0	61.7	56.1
219.	06.10	56.2	67.5	54.1	243.	08.10	56.5	58.3	55.8	267.	10.10	56.8	59.1	56.0
220.	06.15	53.8	61.7	52.3	244.	08.15	56.4	58.0	55.7	268.	10.15	56.5	58.6	55.7
221.	06.20	54.9	70.5	52.9	245.	08.20	56.5	58.1	55.8	269.	10.20	57.0	72.5	56.0
222.	06.25	56.2	62.7	54.6	246.	08.25	56.5	59.0	55.7	270.	10.25	56.7	60.9	55.8
223.	06.30	56.5	64.8	54.0	247.	08.30	56.6	58.7	55.8	271.	10.30	56.9	59.2	56.1
224.	06.35	56.3	69.3	53.1	248.	08.35	56.6	58.8	55.8	272.	10.35	57.2	63.2	56.2
225.	06.40	56.9	58.6	56.2	249.	08.40	56.9	59.2	56.1	273.	10.40	57.2	62.8	56.1
226.	06.45	57.0	58.7	56.2	250.	08.45	56.9	58.8	56.1	274.	10.45	56.9	60.5	56.1
227.	06.50	57.0	61.2	56.3	251.	08.50	56.9	58.7	56.1	275.	10.50	56.8	68.6	55.9
228.	06.55	57.2	59.0	56.5	252.	08.55	57.2	63.4	56.2	276.	10.55	56.9	59.1	56.0
229.	07.00	56.9	58.8	56.2	253.	09.00	57.0	59.2	56.1	277.	11.00	56.6	65.0	55.8
230.	07.05	56.9	58.5	56.1	254.	09.05	57.0	59.6	56.1	278.	11.05	56.8	63.0	55.7
231.	07.10	56.5	58.1	55.9	255.	09.10	56.8	60.6	55.8	279.	11.10	56.7	63.3	55.8
232.	07.15	57.4	61.6	56.5	256.	09.15	56.7	62.5	55.9	280.	11.15	56.6	58.6	55.8
233.	07.20	57.1	59.2	56.3	257.	09.20	56.7	60.4	55.8	281.	11.20	56.8	58.6	56.0
234.	07.25	57.4	61.9	56.6	258.	09.25	56.7	69.2	55.8	282.	11.25	56.9	59.4	56.1
235.	07.30	57.2	58.8	56.4	259.	09.30	57.0	69.4	55.9	283.	11.30	57.8	62.0	56.5
236.	07.35	57.2	60.5	56.4	260.	09.35	57.1	61.0	56.2	284.	11.35	57.4	62.8	56.5
237.	07.40	57.2	59.7	56.4	261.	09.40	57.3	62.2	56.3	285.	11.40	57.3	61.3	56.4
238.	07.45	56.8	58.9	56.1	262.	09.45	57.2	63.6	56.1	286.	11.45	57.3	59.6	56.4
239.	07.50	56.7	59.7	55.9	263.	09.50	57.4	64.0	56.2	287.	11.50	57.2	59.0	56.4
240.	07.55	56.4	58.2	55.6	264.	09.55	57.5	68.6	56.3	288.	11.55	57.2	59.0	56.3

Wannasiri S.

Wannasiri Suriyawong

*Somchai P.*Somchai Piyavorasakul
General Manager



Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ตะวันแดง 1999 จำกัด

Report No. : 3581/2022/26-42

Project : โครงการโรงงานผลิตแอลกอฮอล์และสุรา. (ส่วนขยาย ครั้งที่ 1)
 (ระยะดำเนินการ)

Report Date : December 19, 2022

Sampling Date : December 6-13, 2022

Address : เลขที่ 88 หมู่ที่ 15 บ้านเขาน้อย ตำบลหนองแซง
 อำเภอหันคา จังหวัดชัยนาท

Type of Sample : Sound Level

Job No. : S650153/Dec

(26/1-3)

วิธีวัดโครงการด้านตะวันออก														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		10-11/12/22					10-11/12/22					10-11/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
1.	12.00	57.2	60.0	56.4	37.	15.00	56.9	60.3	56.2	73.	18.00	55.7	69.9	54.5
2.	12.05	57.8	62.8	56.5	38.	15.05	56.6	58.3	55.8	74.	18.05	55.0	72.9	54.6
3.	12.10	57.2	61.4	56.4	39.	15.10	56.5	58.9	55.7	75.	18.10	56.2	70.9	54.5
4.	12.15	57.6	60.4	56.7	40.	15.15	56.8	61.4	56.0	76.	18.15	55.2	64.9	54.5
5.	12.20	57.4	59.7	56.6	41.	15.20	56.7	59.2	56.0	77.	18.20	55.6	63.9	54.7
6.	12.25	57.2	59.2	56.4	42.	15.25	56.7	66.3	55.8	78.	18.25	55.8	69.4	54.7
7.	12.30	57.2	59.7	56.3	43.	15.30	56.8	72.8	55.7	79.	18.30	59.1	76.0	57.5
8.	12.35	57.1	59.9	56.2	44.	15.35	57.4	61.9	55.7	80.	18.35	60.0	76.7	58.6
9.	12.40	57.1	58.7	56.2	45.	15.40	56.3	58.1	55.6	81.	18.40	59.9	72.0	57.1
10.	12.45	57.1	59.4	56.2	46.	15.45	56.3	58.3	55.6	82.	18.45	58.1	70.3	56.9
11.	12.50	56.9	58.8	56.1	47.	15.50	56.2	58.1	55.5	83.	18.50	57.2	68.1	56.2
12.	12.55	56.8	59.0	55.9	48.	15.55	56.7	64.8	55.8	84.	18.55	57.7	75.2	56.1
13.	13.00	56.9	62.2	56.0	49.	16.00	56.7	67.2	55.8	85.	19.00	56.7	69.7	55.6
14.	13.05	56.6	64.0	55.8	50.	16.05	56.9	63.0	55.4	86.	19.05	57.5	75.7	55.8
15.	13.10	56.5	58.2	55.8	51.	16.10	56.3	81.0	54.0	87.	19.10	57.2	69.4	55.3
16.	13.15	56.5	58.6	55.8	52.	16.15	55.7	59.5	54.9	88.	19.15	57.9	73.4	56.4
17.	13.20	56.7	59.0	55.8	53.	16.20	56.4	68.1	55.3	89.	19.20	57.3	75.9	55.7
18.	13.25	56.7	59.0	55.8	54.	16.25	56.9	67.4	55.9	90.	19.25	56.3	70.5	54.9
19.	13.30	56.5	60.0	55.8	55.	16.30	56.8	76.4	55.6	91.	19.30	56.8	71.3	55.3
20.	13.35	56.5	58.1	55.6	56.	16.35	56.1	62.6	55.4	92.	19.35	57.1	80.0	55.5
21.	13.40	56.5	58.6	55.7	57.	16.40	56.2	70.8	55.3	93.	19.40	56.2	66.8	55.2
22.	13.45	56.3	58.6	55.6	58.	16.45	56.1	69.2	55.3	94.	19.45	56.4	69.2	55.4
23.	13.50	56.6	58.8	55.8	59.	16.50	58.7	82.8	55.4	95.	19.50	56.4	73.3	55.2
24.	13.55	56.9	61.4	56.1	60.	16.55	56.5	75.0	55.5	96.	19.55	56.1	68.0	55.1
25.	14.00	57.1	62.8	56.2	61.	17.00	56.3	67.1	55.5	97.	20.00	56.7	71.9	55.6
26.	14.05	56.8	58.7	56.0	62.	17.05	54.6	67.6	53.0	98.	20.05	56.8	70.3	55.8
27.	14.10	56.9	58.6	56.0	63.	17.10	57.0	72.2	54.3	99.	20.10	57.1	69.3	56.0
28.	14.15	56.8	58.9	56.0	64.	17.15	55.2	68.1	54.4	100.	20.15	57.7	69.6	56.8
29.	14.20	56.9	61.2	56.1	65.	17.20	56.8	69.1	54.4	101.	20.20	57.7	68.6	56.9
30.	14.25	57.0	61.9	56.1	66.	17.25	56.3	70.1	55.1	102.	20.25	58.6	72.4	57.6
31.	14.30	56.9	60.5	56.1	67.	17.30	55.4	72.0	54.2	103.	20.30	59.3	84.1	57.3
32.	14.35	56.8	59.3	56.0	68.	17.35	55.2	73.0	54.2	104.	20.35	59.5	86.2	57.2
33.	14.40	57.0	61.6	56.1	69.	17.40	55.1	67.8	54.3	105.	20.40	58.9	74.6	57.5
34.	14.45	56.9	61.5	56.0	70.	17.45	54.8	65.4	54.0	106.	20.45	59.8	78.5	58.1
35.	14.50	57.0	60.8	56.2	71.	17.50	56.2	72.0	54.5	107.	20.50	57.9	67.9	57.1
36.	14.55	56.9	61.9	56.0	72.	17.55	55.1	68.0	54.2	108.	20.55	57.6	79.1	56.8

**TET**

Thai Environmental Technic Limited

บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(26/2-3)

วิธีวัดโครงการด้านตะวันออก														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		10-11/12/22					10-11/12/22					10-11/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
109.	21.00	57.1	72.0	56.5	145.	00.00	55.3	61.7	54.3	181.	03.00	56.2	72.8	54.6
110.	21.05	56.9	67.3	56.4	146.	00.05	55.3	60.9	54.6	182.	03.05	55.9	68.5	54.9
111.	21.10	56.8	71.3	56.3	147.	00.10	55.4	61.0	54.5	183.	03.10	55.7	58.6	54.9
112.	21.15	57.1	62.9	56.5	148.	00.15	55.5	59.6	54.7	184.	03.15	56.7	66.5	55.8
113.	21.20	57.8	81.2	56.5	149.	00.20	55.1	59.7	54.4	185.	03.20	56.3	59.1	55.4
114.	21.25	56.9	65.2	56.3	150.	00.25	55.5	68.2	54.4	186.	03.25	56.5	64.1	55.6
115.	21.30	57.1	62.8	56.4	151.	00.30	55.1	60.1	54.3	187.	03.30	56.9	67.1	55.6
116.	21.35	56.9	66.7	56.3	152.	00.35	55.3	58.7	54.6	188.	03.35	56.8	59.5	56.1
117.	21.40	56.8	63.2	56.3	153.	00.40	55.2	57.6	54.5	189.	03.40	57.7	73.0	56.0
118.	21.45	56.9	71.0	56.3	154.	00.45	54.8	57.6	54.2	190.	03.45	56.8	63.7	56.1
119.	21.50	56.8	63.2	56.3	155.	00.50	54.9	57.6	54.2	191.	03.50	56.3	60.9	55.3
120.	21.55	57.2	70.3	56.5	156.	00.55	55.0	59.1	54.3	192.	03.55	56.8	62.4	55.8
121.	22.00	57.9	71.8	56.8	157.	01.00	54.4	60.1	53.8	193.	04.00	56.7	59.3	55.8
122.	22.05	57.1	67.9	56.4	158.	01.05	54.5	58.2	53.9	194.	04.05	56.3	61.6	55.3
123.	22.10	56.7	71.7	55.8	159.	01.10	54.7	61.8	54.1	195.	04.10	55.9	61.5	54.8
124.	22.15	56.6	70.8	55.6	160.	01.15	54.6	62.0	53.9	196.	04.15	56.2	59.7	55.1
125.	22.20	56.1	69.8	55.3	161.	01.20	54.8	67.8	54.0	197.	04.20	56.8	63.6	56.1
126.	22.25	56.0	67.1	55.2	162.	01.25	54.9	64.7	54.2	198.	04.25	56.5	64.9	55.4
127.	22.30	56.0	70.3	55.1	163.	01.30	55.4	63.7	54.6	199.	04.30	56.7	64.4	55.8
128.	22.35	55.7	64.1	55.0	164.	01.35	56.1	68.9	55.1	200.	04.35	56.6	62.6	55.7
129.	22.40	55.7	72.7	54.9	165.	01.40	55.5	67.6	54.6	201.	04.40	57.2	63.5	55.6
130.	22.45	55.6	56.9	54.9	166.	01.45	55.9	62.6	53.9	202.	04.45	56.5	65.4	55.6
131.	22.50	55.4	58.6	54.8	167.	01.50	55.4	60.1	54.5	203.	04.50	56.1	58.2	55.4
132.	22.55	56.0	57.7	55.4	168.	01.55	55.3	58.8	54.4	204.	04.55	56.2	60.3	55.0
133.	23.00	56.0	58.3	55.4	169.	02.00	55.6	58.3	54.8	205.	05.00	56.4	65.0	55.6
134.	23.05	55.9	60.1	55.3	170.	02.05	55.4	58.7	54.7	206.	05.05	56.2	61.1	55.0
135.	23.10	55.7	58.2	55.1	171.	02.10	55.4	57.7	54.5	207.	05.10	56.3	60.9	55.3
136.	23.15	55.5	57.0	54.8	172.	02.15	55.8	56.5	54.9	208.	05.15	56.7	61.8	55.8
137.	23.20	55.4	56.8	54.6	173.	02.20	55.8	57.7	55.2	209.	05.20	56.4	61.3	55.6
138.	23.25	55.5	57.2	54.9	174.	02.25	55.9	63.3	55.1	210.	05.25	56.7	61.5	55.9
139.	23.30	55.5	57.6	54.8	175.	02.30	56.3	62.9	55.4	211.	05.30	56.6	62.1	55.7
140.	23.35	55.6	57.9	54.9	176.	02.35	56.1	62.9	55.1	212.	05.35	56.5	61.5	55.6
141.	23.40	55.8	57.4	55.1	177.	02.40	55.5	58.1	54.8	213.	05.40	56.6	62.0	55.7
142.	23.45	55.7	62.2	54.9	178.	02.45	55.2	57.4	54.3	214.	05.45	56.7	61.7	55.7
143.	23.50	55.4	71.4	54.4	179.	02.50	55.2	62.5	54.3	215.	05.50	56.2	60.8	55.1
144.	23.55	55.1	58.3	54.4	180.	02.55	55.2	57.2	54.4	216.	05.55	56.6	58.6	55.8



Thai Environmental Technic Limited
บริษัท เทคนิกลิ่งแวดล้อมไทย จำกัด

(26/3-3)

ริมรั้วโครงการด้านตะวันออก														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		10-11/12/22					10-11/12/22					10-11/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
217.	06.00	55.5	58.6	54.6	241.	08.00	54.7	61.0	53.3	265.	10.00	54.8	66.7	53.3
218.	06.05	56.2	59.4	55.4	242.	08.05	55.5	64.9	53.8	266.	10.05	55.3	74.0	52.3
219.	06.10	55.7	59.4	54.7	243.	08.10	55.3	61.8	54.3	267.	10.10	53.5	59.8	52.1
220.	06.15	56.5	61.3	55.6	244.	08.15	55.5	62.0	54.1	268.	10.15	55.2	66.4	53.6
221.	06.20	55.7	60.4	54.8	245.	08.20	56.7	68.4	53.4	269.	10.20	58.1	83.1	54.2
222.	06.25	56.3	58.8	55.6	246.	08.25	55.7	71.2	53.9	270.	10.25	54.0	60.5	52.5
223.	06.30	55.8	60.1	55.1	247.	08.30	55.2	60.0	54.0	271.	10.30	56.4	67.0	54.1
224.	06.35	56.3	60.2	55.4	248.	08.35	55.7	66.4	54.6	272.	10.35	55.2	63.9	53.9
225.	06.40	56.2	61.7	55.2	249.	08.40	54.3	61.6	52.9	273.	10.40	54.4	59.4	52.7
226.	06.45	55.5	70.4	53.7	250.	08.45	54.4	58.1	53.1	274.	10.45	54.3	59.9	52.7
227.	06.50	54.2	59.8	53.4	251.	08.50	57.4	68.8	54.3	275.	10.50	54.3	59.4	53.5
228.	06.55	54.0	58.7	53.2	252.	08.55	55.5	65.5	53.2	276.	10.55	54.3	60.5	53.4
229.	07.00	54.1	57.9	52.9	253.	09.00	58.0	70.7	52.6	277.	11.00	53.7	59.5	52.5
230.	07.05	55.3	61.9	53.4	254.	09.05	55.2	63.7	53.8	278.	11.05	54.6	58.1	53.6
231.	07.10	54.4	56.7	53.4	255.	09.10	58.1	82.4	53.5	279.	11.10	54.2	61.1	53.4
232.	07.15	55.0	65.9	53.7	256.	09.15	56.5	75.9	52.3	280.	11.15	53.7	58.1	52.2
233.	07.20	55.0	65.4	53.8	257.	09.20	55.3	67.8	52.4	281.	11.20	53.4	59.9	51.5
234.	07.25	55.7	65.5	54.0	258.	09.25	56.6	77.2	53.8	282.	11.25	54.3	57.4	53.4
235.	07.30	56.0	65.3	54.5	259.	09.30	54.9	66.7	52.2	283.	11.30	54.4	58.4	53.0
236.	07.35	55.6	63.7	54.3	260.	09.35	53.6	65.6	51.2	284.	11.35	53.2	58.9	52.0
237.	07.40	55.4	63.3	54.0	261.	09.40	55.0	66.2	53.2	285.	11.40	54.4	58.8	53.4
238.	07.45	56.6	64.3	55.3	262.	09.45	55.5	66.6	53.9	286.	11.45	54.7	58.0	53.8
239.	07.50	57.2	64.3	55.5	263.	09.50	54.1	65.2	51.5	287.	11.50	53.4	59.8	52.2
240.	07.55	56.0	64.6	54.3	264.	09.55	54.6	62.9	52.1	288.	11.55	53.6	59.3	52.3

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager

**TET**

Thai Environmental Technic Limited

บริษัท เทคนิกลิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ตะวันแดง 1999 จำกัด

Report No. : 3581/2022/27-42

Project : โครงการโรงงานผลิตแอลกอฮอล์และสุรา (ส่วนขยาย ครั้งที่ 1)
(ระยะดำเนินการ)

Report Date : December 19, 2022

Address : เลขที่ 88 หมู่ที่ 15 บ้านเขาน้อย ตำบลหนองแขง
อำเภอหันคา จังหวัดชัยนาท

Sampling Date : December 6-13, 2022

Type of Sample : Sound Level

Job No. : S650153/Dec

(27/1-3)

วิธีวัดโครงการด้านตะวันออก														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		11-12/12/22					11-12/12/22					11-12/12/22		
		Leq	Lmax	L90			Leq	Lmax	L90			Leq	Lmax	L90
1.	12.00	52.7	57.8	51.9	37.	15.00	49.9	57.8	48.0	73.	18.00	55.7	63.1	53.5
2.	12.05	53.9	58.1	52.9	38.	15.05	49.7	58.8	47.9	74.	18.05	55.9	73.5	54.2
3.	12.10	53.5	58.8	52.7	39.	15.10	49.7	52.9	47.6	75.	18.10	56.0	65.7	54.1
4.	12.15	52.9	59.8	51.4	40.	15.15	51.1	61.3	48.8	76.	18.15	54.2	60.9	52.9
5.	12.20	51.9	61.3	49.9	41.	15.20	51.0	62.5	48.5	77.	18.20	55.5	71.3	54.1
6.	12.25	52.4	57.7	49.9	42.	15.25	53.1	62.5	51.2	78.	18.25	55.5	68.6	54.2
7.	12.30	53.1	58.2	51.9	43.	15.30	53.8	61.8	52.2	79.	18.30	54.5	60.2	52.3
8.	12.35	53.4	59.4	52.0	44.	15.35	53.0	62.7	52.1	80.	18.35	53.9	62.0	52.1
9.	12.40	53.1	59.3	51.9	45.	15.40	52.9	64.1	51.8	81.	18.40	54.4	58.5	53.6
10.	12.45	53.0	61.7	51.8	46.	15.45	52.7	64.7	51.2	82.	18.45	55.7	57.9	53.8
11.	12.50	53.9	56.7	52.7	47.	15.50	53.1	62.9	51.7	83.	18.50	55.9	71.7	53.6
12.	12.55	54.5	61.5	53.7	48.	15.55	53.4	62.7	52.0	84.	18.55	55.8	62.4	53.8
13.	13.00	54.9	60.9	53.6	49.	16.00	52.9	62.9	51.8	85.	19.00	56.8	68.2	55.0
14.	13.05	53.8	60.7	52.5	50.	16.05	53.5	58.7	52.0	86.	19.05	56.1	69.3	54.4
15.	13.10	54.9	63.7	53.7	51.	16.10	54.5	61.2	53.1	87.	19.10	58.4	72.3	54.3
16.	13.15	54.3	57.7	53.4	52.	16.15	54.4	58.0	53.0	88.	19.15	57.2	66.8	55.3
17.	13.20	53.7	57.9	51.9	53.	16.20	52.7	60.1	50.7	89.	19.20	56.1	62.3	54.6
18.	13.25	52.8	60.7	51.3	54.	16.25	53.8	57.6	52.2	90.	19.25	56.5	69.6	55.8
19.	13.30	53.6	61.3	52.4	55.	16.30	54.5	63.3	53.6	91.	19.30	57.8	79.6	54.9
20.	13.35	53.9	58.7	52.7	56.	16.35	55.2	69.8	52.7	92.	19.35	57.7	69.1	55.0
21.	13.40	53.1	60.6	51.2	57.	16.40	54.3	62.4	52.6	93.	19.40	58.7	76.3	55.1
22.	13.45	52.8	61.2	51.4	58.	16.45	55.2	64.2	53.7	94.	19.45	60.0	76.1	54.7
23.	13.50	53.5	56.6	52.4	59.	16.50	56.2	65.5	53.4	95.	19.50	60.0	71.0	54.4
24.	13.55	54.2	56.8	53.4	60.	16.55	55.9	62.8	52.8	96.	19.55	58.1	76.1	53.3
25.	14.00	53.9	63.3	51.3	61.	17.00	56.6	66.2	54.2	97.	20.00	56.7	75.0	52.2
26.	14.05	52.5	71.7	49.6	62.	17.05	56.0	65.3	54.4	98.	20.05	56.8	74.0	52.5
27.	14.10	53.1	59.4	51.2	63.	17.10	54.8	62.2	53.4	99.	20.10	56.9	73.9	52.9
28.	14.15	53.3	57.4	52.1	64.	17.15	55.4	59.2	54.3	100.	20.15	55.4	71.0	52.6
29.	14.20	52.7	58.3	50.9	65.	17.20	55.3	62.6	54.1	101.	20.20	56.5	71.9	53.0
30.	14.25	50.7	61.1	48.3	66.	17.25	54.9	64.2	53.0	102.	20.25	55.5	66.5	52.0
31.	14.30	52.2	57.2	50.7	67.	17.30	54.9	63.4	53.0	103.	20.30	54.6	70.8	51.5
32.	14.35	52.0	57.6	50.8	68.	17.35	55.1	61.3	54.0	104.	20.35	56.4	73.5	51.7
33.	14.40	51.4	66.0	48.0	69.	17.40	55.0	63.3	53.6	105.	20.40	58.7	70.7	52.1
34.	14.45	48.7	54.5	46.5	70.	17.45	54.8	66.4	52.9	106.	20.45	58.4	72.6	51.9
35.	14.50	48.2	53.1	46.9	71.	17.50	57.4	69.5	54.4	107.	20.50	58.4	78.3	49.8
36.	14.55	49.9	56.5	47.8	72.	17.55	55.5	65.5	53.9	108.	20.55	56.0	68.5	52.2

**TET**

Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(27/2-3)

วิธีวัดโครงการด้านตะวันออก														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		11-12/12/22					11-12/12/22					11-12/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
109.	21.00	57.5	70.2	52.5	145.	00.00	54.6	71.2	50.7	181.	03.00	59.6	73.0	53.4
110.	21.05	59.3	80.9	53.0	146.	00.05	54.1	65.4	51.7	182.	03.05	57.5	74.6	52.9
111.	21.10	59.0	75.4	52.8	147.	00.10	54.8	65.0	52.6	183.	03.10	54.5	66.7	51.7
112.	21.15	56.1	71.2	51.5	148.	00.15	56.2	70.3	52.1	184.	03.15	54.7	62.2	52.0
113.	21.20	54.0	72.1	50.7	149.	00.20	57.9	77.9	52.1	185.	03.20	54.7	65.7	52.2
114.	21.25	54.6	70.8	50.6	150.	00.25	59.0	79.9	51.9	186.	03.25	54.3	63.7	52.4
115.	21.30	53.0	62.9	50.4	151.	00.30	57.5	75.4	52.0	187.	03.30	56.2	67.0	52.7
116.	21.35	56.3	69.8	51.8	152.	00.35	58.0	71.4	53.7	188.	03.35	55.1	78.0	52.1
117.	21.40	56.9	68.6	52.2	153.	00.40	58.2	68.6	56.8	189.	03.40	54.2	64.8	51.1
118.	21.45	54.8	67.3	50.2	154.	00.45	54.5	62.9	56.6	190.	03.45	52.6	58.7	50.7
119.	21.50	53.8	60.4	50.4	155.	00.50	58.0	64.1	56.5	191.	03.50	53.6	64.8	51.1
120.	21.55	53.4	69.2	50.4	156.	00.55	57.0	61.7	56.0	192.	03.55	53.9	63.0	51.3
121.	22.00	51.7	39.9	49.7	157.	01.00	57.1	70.5	55.9	193.	04.00	55.4	66.8	52.7
122.	22.05	51.2	64.5	48.9	158.	01.05	58.3	73.7	56.4	194.	04.05	56.1	67.5	53.2
123.	22.10	51.4	56.9	49.4	159.	01.10	61.5	77.1	54.5	195.	04.10	56.2	71.6	53.2
124.	22.15	52.2	57.5	50.2	160.	01.15	58.2	75.7	54.1	196.	04.15	56.8	72.9	52.8
125.	22.20	52.0	58.2	50.5	161.	01.20	58.5	79.3	52.7	197.	04.20	59.7	76.8	53.4
126.	22.25	52.5	60.0	50.8	162.	01.25	59.7	78.9	52.2	198.	04.25	60.5	73.7	53.2
127.	22.30	53.2	66.6	51.8	163.	01.30	58.4	77.1	55.6	199.	04.30	58.0	72.5	51.6
128.	22.35	53.9	65.4	52.3	164.	01.35	56.4	75.6	51.7	200.	04.35	56.3	73.8	52.1
129.	22.40	54.7	66.3	52.8	165.	01.40	54.8	60.3	52.3	201.	04.40	63.3	63.5	51.1
130.	22.45	54.0	62.9	52.0	166.	01.45	54.7	69.1	51.4	202.	04.45	52.5	62.1	50.9
131.	22.50	54.0	58.4	52.2	167.	01.50	55.6	70.3	52.3	203.	04.50	53.9	64.1	51.4
132.	22.55	53.4	60.7	51.4	168.	01.55	55.5	65.9	52.3	204.	04.55	53.8	61.3	51.7
133.	23.00	52.9	61.0	50.6	169.	02.00	54.5	63.3	52.0	205.	05.00	53.3	62.6	50.8
134.	23.05	53.5	60.1	51.9	170.	02.05	54.4	64.5	51.7	206.	05.05	52.5	60.0	50.6
135.	23.10	54.1	65.2	51.7	171.	02.10	53.9	63.9	51.2	207.	05.10	54.1	74.4	50.9
136.	23.15	53.7	64.6	52.1	172.	02.15	53.7	62.3	51.0	208.	05.15	52.0	57.8	50.6
137.	23.20	53.6	63.6	51.7	173.	02.20	54.1	63.2	52.0	209.	05.20	51.7	56.1	50.6
138.	23.25	53.7	59.1	51.7	174.	02.25	53.1	66.2	50.0	210.	05.25	53.1	63.0	51.1
139.	23.30	54.1	64.8	51.4	175.	02.30	54.1	72.2	49.9	211.	05.30	53.5	58.6	51.9
140.	23.35	53.7	59.9	51.8	176.	02.35	54.2	76.5	51.0	212.	05.35	54.8	67.9	52.3
141.	23.40	52.7	62.9	51.1	177.	02.40	59.4	78.0	53.4	213.	05.40	52.7	61.6	50.8
142.	23.45	52.4	59.3	50.8	178.	02.45	57.8	75.1	52.8	214.	05.45	54.5	69.2	50.9
143.	23.50	52.4	56.2	50.8	179.	02.50	57.0	74.4	52.8	215.	05.50	52.1	60.3	49.4
144.	23.55	54.0	65.9	50.6	180.	02.55	59.4	78.9	52.9	216.	05.55	52.3	59.9	50.1

**TET**

Thai Environmental Technic Limited

บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(27/3-3)

วิธีวัดโครงการด้านตะวันออก														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		11-12/12/22					11-12/12/22					11-12/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
217.	06.00	52.0	57.3	50.2	241.	08.00	54.5	63.4	52.3	265.	10.00	53.9	60.2	53.0
218.	06.05	51.0	58.6	49.8	242.	08.05	55.1	62.6	54.0	266.	10.05	55.3	57.5	54.5
219.	06.10	51.1	54.0	49.8	243.	08.10	54.8	61.0	52.7	267.	10.10	55.4	60.0	54.5
220.	06.15	51.2	55.5	49.8	244.	08.15	52.2	63.1	50.9	268.	10.15	54.1	57.7	52.8
221.	06.20	51.9	59.9	49.7	245.	08.20	54.9	60.5	52.1	269.	10.20	54.8	59.4	53.6
222.	06.25	54.9	68.1	50.8	246.	08.25	55.2	67.7	53.9	270.	10.25	55.2	59.6	54.4
223.	06.30	54.7	64.2	51.3	247.	08.30	54.8	62.0	53.8	271.	10.30	54.8	58.4	53.5
224.	06.35	54.2	64.8	51.6	248.	08.35	53.8	60.4	52.3	272.	10.35	54.0	60.8	52.9
225.	06.40	53.7	68.1	51.2	249.	08.40	55.4	58.5	54.5	273.	10.40	55.2	59.0	54.4
226.	06.45	54.2	72.3	51.1	250.	08.45	55.4	61.1	54.5	274.	10.45	55.0	65.4	54.0
227.	06.50	55.0	73.2	51.4	251.	08.50	54.4	64.3	52.8	275.	10.50	53.8	60.4	52.4
228.	06.55	54.6	65.8	52.0	252.	08.55	55.7	70.0	53.1	276.	10.55	54.8	58.0	53.6
229.	07.00	53.8	66.5	51.3	253.	09.00	55.5	62.3	54.5	277.	11.00	54.9	57.2	54.1
230.	07.05	53.7	71.1	50.8	254.	09.05	55.5	65.3	54.0	278.	11.05	54.6	62.7	52.7
231.	07.10	54.5	73.2	51.1	255.	09.10	55.1	64.1	53.3	279.	11.10	54.2	60.9	52.7
232.	07.15	52.4	65.4	49.9	256.	09.15	56.0	60.2	55.0	280.	11.15	54.9	57.8	54.2
233.	07.20	53.0	66.4	50.5	257.	09.20	56.5	68.1	55.0	281.	11.20	55.4	64.2	54.3
234.	07.25	52.4	64.1	50.9	258.	09.25	55.3	75.2	52.8	282.	11.25	54.5	60.2	53.4
235.	07.30	52.7	63.8	51.1	259.	09.30	54.7	61.7	53.2	283.	11.30	55.7	58.8	54.8
236.	07.35	54.2	59.4	53.1	260.	09.35	55.6	61.4	54.4	284.	11.35	55.8	64.1	54.9
237.	07.40	53.7	65.4	52.3	261.	09.40	54.8	61.0	53.6	285.	11.40	54.6	58.5	53.3
238.	07.45	54.1	63.1	52.6	262.	09.45	55.0	65.4	53.6	286.	11.45	55.7	60.9	53.6
239.	07.50	53.5	66.7	52.3	263.	09.50	56.1	65.1	54.8	287.	11.50	55.5	60.7	54.6
240.	07.55	53.7	63.6	52.4	264.	09.55	55.4	59.0	54.6	288.	11.55	55.1	60.9	53.5

Wannasiri S.

Wannasiri Suriyawong

*Somchai P.*Somchai Piyavorasakul
General Manager



Thai Environmental Technic Limited

บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ตะวันแดง 1999 จำกัด

Report No. : 3581/2022/28-42

Project : โครงการโรงงานผลิตแอลกอฮอล์และสุรา (ส่วนขยาย ครั้งที่ 1)
(ระยะดำเนินการ)

Report Date : December 19, 2022

Sampling Date : December 6-13, 2022

Address : เลขที่ 88 หมู่ที่ 15 บ้านเขาน้อย ตำบลหนองแขง
อำเภอหันคา จังหวัดชัยนาท

Type of Sample : Sound Level

Job No. : S650153/Dec

(28/1-3)

วิธีวัดโครงการด้านตะวันออก														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		12-13/12/22					12-13/12/22					12-13/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
1.	12.00	54.4	62.0	52.7	37.	15.00	53.0	67.8	50.4	73.	18.00	54.8	69.7	52.7
2.	12.05	55.6	59.9	54.8	38.	15.05	52.3	66.3	50.0	74.	18.05	54.2	69.0	51.8
3.	12.10	55.4	62.7	54.5	39.	15.10	52.9	65.5	50.3	75.	18.10	54.6	65.2	52.5
4.	12.15	55.0	61.2	53.7	40.	15.15	51.7	61.6	49.9	76.	18.15	56.9	66.0	54.1
5.	12.20	56.1	59.2	55.3	41.	15.20	51.8	60.6	50.1	77.	18.20	53.0	60.1	53.9
6.	12.25	56.8	67.0	55.6	42.	15.25	52.1	63.7	49.9	78.	18.25	57.3	80.7	54.0
7.	12.30	56.5	69.7	54.8	43.	15.30	53.0	72.5	50.0	79.	18.30	61.6	92.8	53.9
8.	12.35	60.2	77.4	52.8	44.	15.35	52.6	63.6	50.2	80.	18.35	54.9	65.9	53.6
9.	12.40	60.4	79.4	52.0	45.	15.40	52.8	64.7	50.2	81.	18.40	54.5	66.5	52.8
10.	12.45	55.5	71.0	51.2	46.	15.45	53.5	65.0	49.9	82.	18.45	51.5	57.4	50.1
11.	12.50	55.0	68.7	50.8	47.	15.50	53.7	64.7	50.0	83.	18.50	52.6	59.1	49.6
12.	12.55	58.6	78.1	51.9	48.	15.55	52.7	65.2	49.2	84.	18.55	54.0	59.5	52.1
13.	13.00	58.9	77.3	52.3	49.	16.00	51.2	57.8	49.5	85.	19.00	53.5	57.3	52.4
14.	13.05	56.6	72.1	52.2	50.	16.05	51.4	58.9	49.5	86.	19.05	51.0	56.4	49.3
15.	13.10	56.0	75.8	51.8	51.	16.10	53.5	68.1	50.8	87.	19.10	50.5	56.0	49.2
16.	13.15	59.1	79.2	52.3	52.	16.15	52.5	66.3	50.7	88.	19.15	51.0	56.1	49.1
17.	13.20	59.8	72.6	52.7	53.	16.20	51.1	57.5	49.4	89.	19.20	52.3	56.5	50.4
18.	13.25	58.1	74.5	52.7	54.	16.25	50.6	61.8	48.2	90.	19.25	53.5	75.2	49.5
19.	13.30	55.2	69.5	52.5	55.	16.30	51.4	67.9	48.5	91.	19.30	59.4	84.1	55.0
20.	13.35	57.4	74.5	52.8	56.	16.35	50.6	62.7	47.9	92.	19.35	61.9	70.1	60.5
21.	13.40	60.2	76.2	53.4	57.	16.40	51.3	64.0	48.5	93.	19.40	59.7	83.1	55.2
22.	13.45	58.4	75.0	52.7	58.	16.45	52.5	67.6	48.5	94.	19.45	57.5	73.3	55.7
23.	13.50	54.5	68.2	51.4	59.	16.50	51.1	60.3	48.3	95.	19.50	58.1	70.3	56.6
24.	13.55	54.5	63.3	51.6	60.	16.55	50.4	56.8	48.6	96.	19.55	60.4	84.3	58.4
25.	14.00	53.8	61.7	51.7	61.	17.00	56.2	67.0	51.2	97.	20.00	57.7	71.3	55.0
26.	14.05	55.4	64.7	52.3	62.	17.05	54.2	74.4	50.9	98.	20.05	56.2	67.2	53.0
27.	14.10	54.9	63.6	52.0	63.	17.10	53.1	62.2	51.1	99.	20.10	55.9	66.2	53.5
28.	14.15	53.7	62.0	50.5	64.	17.15	53.8	68.3	51.9	100.	20.15	64.8	96.2	51.7
29.	14.20	56.5	70.5	51.0	65.	17.20	54.7	71.2	52.7	101.	20.20	52.5	58.6	50.8
30.	14.25	56.8	67.1	51.6	66.	17.25	54.2	59.2	52.9	102.	20.25	50.5	57.1	48.9
31.	14.30	56.1	66.3	52.3	67.	17.30	54.9	67.3	52.5	103.	20.30	50.4	56.6	48.9
32.	14.35	56.1	67.8	52.4	68.	17.35	54.3	63.5	52.1	104.	20.35	51.5	59.5	48.8
33.	14.40	56.6	68.4	52.9	69.	17.40	55.3	65.2	53.4	105.	20.40	51.4	61.3	48.1
34.	14.45	53.7	60.8	51.5	70.	17.45	55.4	66.9	53.6	106.	20.45	50.6	63.0	47.9
35.	14.50	54.9	66.7	52.0	71.	17.50	55.3	64.1	53.2	107.	20.50	50.4	63.5	48.3
36.	14.55	54.3	64.6	51.2	72.	17.55	53.8	59.9	52.3	108.	20.55	50.4	56.5	48.1

**TET**

Thai Environmental Technic Limited

บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(28/2-3)

วิธีวัดโครงการด้านตะวันออก														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		12-13/12/22					12-13/12/22					12-13/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
109.	21.00	49.6	55.8	47.8	145.	00.00	57.6	76.6	55.5	181.	03.00	56.8	71.3	54.4
110.	21.05	51.8	80.1	48.6	146.	00.05	57.7	74.3	55.3	182.	03.05	56.3	68.3	54.4
111.	21.10	51.3	59.4	50.0	147.	00.10	57.8	68.4	55.6	183.	03.10	56.4	76.8	53.9
112.	21.15	53.9	73.3	51.1	148.	00.15	58.2	71.2	55.4	184.	03.15	60.3	86.6	56.2
113.	21.20	52.6	63.4	50.9	149.	00.20	57.9	71.0	54.9	185.	03.20	59.1	85.4	55.5
114.	21.25	60.1	93.0	50.9	150.	00.25	55.9	65.2	54.1	186.	03.25	56.4	68.2	53.9
115.	21.30	54.5	80.1	51.8	151.	00.30	56.1	63.0	54.4	187.	03.30	56.6	72.8	54.0
116.	21.35	52.9	67.4	51.7	152.	00.35	57.7	69.2	55.0	188.	03.35	55.3	65.5	53.2
117.	21.40	52.6	60.5	51.3	153.	00.40	57.6	70.4	54.3	189.	03.40	57.5	75.0	54.3
118.	21.45	51.5	60.0	50.5	154.	00.45	56.8	69.3	54.1	190.	03.45	57.1	77.3	53.0
119.	21.50	52.3	60.2	50.8	155.	00.50	56.5	64.9	54.8	191.	03.50	58.8	88.5	54.6
120.	21.55	53.3	57.4	51.2	156.	00.55	57.1	68.7	55.0	192.	03.55	60.1	73.3	55.4
121.	22.00	55.0	77.3	53.1	157.	01.00	57.2	67.9	54.6	193.	04.00	56.5	68.4	53.2
122.	22.05	52.9	63.0	51.7	158.	01.05	57.0	68.3	54.9	194.	04.05	56.7	69.3	54.6
123.	22.10	53.6	60.6	52.5	159.	01.10	56.9	67.8	54.7	195.	04.10	58.4	72.6	54.9
124.	22.15	57.0	65.3	55.4	160.	01.15	57.6	69.1	55.7	196.	04.15	58.3	85.4	52.9
125.	22.20	61.9	74.7	56.8	161.	01.20	60.3	89.9	55.2	197.	04.20	57.2	74.2	53.3
126.	22.25	58.9	65.7	57.6	162.	01.25	58.1	86.9	54.2	198.	04.25	56.5	69.4	54.0
127.	22.30	59.1	68.9	57.9	163.	01.30	58.5	77.0	55.2	199.	04.30	57.5	74.6	53.6
128.	22.35	60.3	71.7	58.1	164.	01.35	57.9	80.9	54.9	200.	04.35	57.1	70.0	53.7
129.	22.40	60.0	76.2	58.4	165.	01.40	57.9	87.8	53.7	201.	04.40	57.8	77.6	54.0
130.	22.45	59.8	80.8	58.2	166.	01.45	56.5	80.8	54.7	202.	04.45	59.0	88.0	53.3
131.	22.50	61.1	88.4	57.5	167.	01.50	58.7	81.1	55.4	203.	04.50	59.8	90.0	53.0
132.	22.55	60.4	87.6	57.5	168.	01.55	60.6	90.8	53.8	204.	04.55	57.8	86.1	52.9
133.	23.00	64.5	95.3	57.7	169.	02.00	56.4	67.0	54.6	205.	05.00	54.4	67.9	52.4
134.	23.05	61.6	85.5	58.2	170.	02.05	61.9	89.3	56.2	206.	05.05	58.3	83.8	53.2
135.	23.10	59.9	80.3	57.5	171.	02.10	58.0	75.9	55.8	207.	05.10	54.1	65.6	52.5
136.	23.15	59.4	71.7	57.7	172.	02.15	57.5	78.1	55.6	208.	05.15	57.5	75.2	53.1
137.	23.20	59.9	69.6	58.2	173.	02.20	60.6	88.3	56.6	209.	05.20	55.5	77.1	52.6
138.	23.25	60.6	75.4	57.4	174.	02.25	57.9	71.5	55.9	210.	05.25	55.9	74.9	53.6
139.	23.30	57.8	67.0	56.2	175.	02.30	56.4	73.3	55.2	211.	05.30	54.8	65.8	52.6
140.	23.35	57.1	66.9	55.1	176.	02.35	57.5	79.9	55.6	212.	05.35	56.5	74.6	53.2
141.	23.40	57.8	66.4	55.9	177.	02.40	57.0	71.9	55.8	213.	05.40	55.2	65.5	53.1
142.	23.45	58.0	67.0	55.8	178.	02.45	58.2	81.2	55.3	214.	05.45	58.8	86.3	52.9
143.	23.50	60.5	76.1	55.3	179.	02.50	57.8	73.3	55.5	215.	05.50	57.1	67.8	53.7
144.	23.55	60.7	82.2	56.3	180.	02.55	57.5	80.1	54.0	216.	05.55	57.8	66.5	54.9



Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(28/3-3)

ริมรั้วโครงการด้านตะวันออก														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		12-13/12/22					12-13/12/22					12-13/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
217.	06.00	57.0	67.9	52.8	241.	08.00	58.0	65.1	56.1	265.	10.00	59.0	68.5	57.6
218.	06.05	55.7	67.8	52.2	242.	08.05	58.9	64.5	57.4	266.	10.05	58.9	66.9	57.7
219.	06.10	57.8	67.9	53.2	243.	08.10	58.9	65.2	57.3	267.	10.10	58.3	63.4	57.1
220.	06.15	58.1	69.8	53.4	244.	08.15	58.6	67.1	57.1	268.	10.15	58.3	68.6	56.8
221.	06.20	60.3	69.5	55.8	245.	08.20	60.0	68.8	57.8	269.	10.20	58.6	65.4	57.1
222.	06.25	61.7	72.5	56.1	246.	08.25	59.8	68.4	58.1	270.	10.25	58.2	62.5	57.1
223.	06.30	60.3	70.3	57.3	247.	08.30	58.3	62.2	56.6	271.	10.30	57.4	67.5	55.8
224.	06.35	59.8	81.7	56.0	248.	08.35	59.8	69.1	57.2	272.	10.35	57.8	66.0	56.1
225.	06.40	58.5	81.7	54.6	249.	08.40	58.9	66.6	57.3	273.	10.40	58.2	67.6	57.2
226.	06.45	54.6	75.9	53.0	250.	08.45	60.5	67.9	58.8	274.	10.45	57.7	60.8	56.8
227.	06.50	54.0	64.0	51.9	251.	08.50	59.5	67.7	58.1	275.	10.50	57.6	66.4	56.2
228.	06.55	53.0	62.9	51.8	252.	08.55	60.4	65.7	58.6	276.	10.55	57.0	67.6	55.5
229.	07.00	53.4	62.0	51.9	253.	09.00	61.2	69.9	59.3	277.	11.00	57.6	64.8	56.3
230.	07.05	54.8	70.1	51.3	254.	09.05	61.3	67.5	59.1	278.	11.05	58.0	66.0	56.9
231.	07.10	54.0	61.6	51.9	255.	09.10	59.9	66.7	58.3	279.	11.10	58.0	63.6	56.9
232.	07.15	59.3	89.4	53.8	256.	09.15	60.1	67.9	58.4	280.	11.15	56.6	66.1	55.4
233.	07.20	56.8	82.7	53.8	257.	09.20	60.3	63.6	59.0	281.	11.20	57.3	67.1	56.2
234.	07.25	60.5	89.7	56.2	258.	09.25	60.1	66.6	59.0	282.	11.25	56.8	59.6	55.9
235.	07.30	57.5	77.7	55.9	259.	09.30	59.6	68.0	58.1	283.	11.30	56.9	64.3	55.6
236.	07.35	57.0	62.4	55.3	260.	09.35	59.8	65.0	58.5	284.	11.35	56.8	65.8	55.4
237.	07.40	56.7	61.2	55.7	261.	09.40	59.7	63.1	58.3	285.	11.40	57.1	64.1	55.8
238.	07.45	57.8	67.9	56.0	262.	09.45	60.0	67.2	58.1	286.	11.45	57.5	64.3	56.4
239.	07.50	58.5	64.2	56.6	263.	09.50	58.3	67.6	57.0	287.	11.50	57.9	68.5	56.4
240.	07.55	57.6	63.0	56.3	264.	09.55	58.7	68.7	57.1	288.	11.55	57.1	69.0	55.3

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager



Thai Environmental Technic Limited

บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ตะวันแดง 1999 จำกัด

Report No. : 3581/2022/29-12

Project : โครงการโรงงานผลิตแอลกอฮอล์และสุรา (ส่วนขยาย ครั้งที่ 1)
(ระยะดำเนินการ)

Report Date : December 19, 2022

Sampling Date : December 6-13, 2022

Address : เลขที่ 88 หมู่ที่ 15 บ้านเขาน้อย ตำบลหนองแขง
อำเภอหันคา จังหวัดชัยนาท

Type of Sample : Sound Level

Job No. : S650153/Dec

(29/1-3)

จิมรี่โครงการตามติดได้														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		06-07/12/22					06-07/12/22					06-07/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
1.	12.00	53.0	57.8	51.8	37.	15.00	49.4	56.4	47.4	73.	18.00	50.2	56.9	48.5
2.	12.05	52.8	55.3	51.8	38.	15.05	49.7	60.3	47.4	74.	18.05	51.4	58.2	50.2
3.	12.10	53.2	63.6	51.9	39.	15.10	49.9	61.3	47.9	75.	18.10	51.6	54.9	50.7
4.	12.15	53.1	63.3	51.7	40.	15.15	51.7	58.7	49.3	76.	18.15	52.6	55.0	51.8
5.	12.20	52.9	62.7	51.7	41.	15.20	52.0	59.8	49.8	77.	18.20	53.2	59.7	52.3
6.	12.25	53.3	62.7	52.1	42.	15.25	53.8	65.7	48.8	78.	18.25	53.5	57.8	52.7
7.	12.30	53.7	74.6	51.9	43.	15.30	49.4	54.4	48.1	79.	18.30	53.3	58.3	52.4
8.	12.35	53.3	58.7	51.9	44.	15.35	49.5	54.0	48.0	80.	18.35	54.2	62.7	52.8
9.	12.40	52.9	58.4	51.8	45.	15.40	50.3	62.3	48.8	81.	18.40	53.9	61.5	52.6
10.	12.45	53.1	59.1	51.9	46.	15.45	49.9	66.8	47.5	82.	18.45	54.3	61.6	52.9
11.	12.50	53.1	59.7	51.9	47.	15.50	48.7	56.4	47.0	83.	18.50	53.9	58.6	52.9
12.	12.55	53.7	58.4	52.1	48.	15.55	52.8	62.1	47.8	84.	18.55	54.2	60.7	53.1
13.	13.00	57.6	68.2	54.4	49.	16.00	49.2	55.8	47.5	85.	19.00	55.2	61.3	53.8
14.	13.05	57.1	66.8	55.3	50.	16.05	48.8	53.8	47.3	86.	19.05	54.3	56.8	53.2
15.	13.10	57.0	61.9	54.3	51.	16.10	49.2	54.8	47.6	87.	19.10	54.6	60.9	53.7
16.	13.15	56.8	67.1	54.6	52.	16.15	50.5	58.3	48.4	88.	19.15	55.7	61.9	54.8
17.	13.20	60.0	82.9	55.6	53.	16.20	49.8	56.9	48.3	89.	19.20	55.6	62.9	54.6
18.	13.25	57.9	75.8	54.5	54.	16.25	50.0	54.5	48.4	90.	19.25	55.9	66.0	54.9
19.	13.30	56.4	65.3	53.9	55.	16.30	50.0	62.2	47.9	91.	19.30	55.9	62.4	54.9
20.	13.35	64.3	84.7	55.1	56.	16.35	49.2	54.9	47.8	92.	19.35	55.9	62.7	54.9
21.	13.40	63.9	77.5	54.5	57.	16.40	49.0	53.6	47.8	93.	19.40	55.7	60.3	54.5
22.	13.45	60.2	69.9	54.4	58.	16.45	49.0	57.1	47.4	94.	19.45	55.2	58.6	54.3
23.	13.50	63.1	75.8	56.6	59.	16.50	50.2	61.9	48.4	95.	19.50	55.3	60.5	54.4
24.	13.55	64.2	84.3	55.6	60.	16.55	49.6	58.4	47.3	96.	19.55	55.6	63.2	54.7
25.	14.00	62.8	81.6	56.3	61.	17.00	48.7	52.9	47.3	97.	20.00	56.4	59.1	55.4
26.	14.05	65.3	84.6	57.1	62.	17.05	49.3	53.4	47.7	98.	20.05	56.7	60.5	55.9
27.	14.10	61.1	74.8	56.9	63.	17.10	48.9	53.0	47.5	99.	20.10	56.7	60.6	56.0
28.	14.15	61.3	73.5	56.5	64.	17.15	49.1	60.2	47.5	100.	20.15	56.9	59.8	56.1
29.	14.20	60.5	80.9	55.6	65.	17.20	50.1	64.9	47.2	101.	20.20	56.9	61.7	56.2
30.	14.25	51.4	63.3	48.7	66.	17.25	49.5	63.4	47.3	102.	20.25	56.7	60.6	55.9
31.	14.30	51.0	61.9	48.0	67.	17.30	49.1	62.7	47.2	103.	20.30	56.8	61.2	55.9
32.	14.35	51.4	66.2	47.9	68.	17.35	49.6	63.5	47.2	104.	20.35	57.0	61.2	56.3
33.	14.40	49.7	55.6	48.0	69.	17.40	48.9	58.3	47.3	105.	20.40	57.2	63.3	56.4
34.	14.45	50.5	61.3	48.3	70.	17.45	48.9	54.7	47.4	106.	20.45	56.1	60.0	54.9
35.	14.50	49.9	63.4	47.7	71.	17.50	50.0	57.2	48.1	107.	20.50	55.3	60.6	54.4
36.	14.55	51.4	63.8	48.0	72.	17.55	50.0	62.4	48.2	108.	20.55	54.2	63.9	52.3



Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(29/2-3)

พิมพ์โครงการด้านที่ได้														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		06-07/12/22					06-07/12/22					06-07/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
109.	21.00	54.0	62.5	52.9	145.	00.00	56.0	58.0	55.1	181.	03.00	53.7	57.9	52.0
110.	21.05	53.2	56.9	52.2	146.	00.05	55.7	57.6	54.9	182.	03.05	53.2	57.0	51.7
111.	21.10	53.1	55.8	52.2	147.	00.10	55.9	58.1	55.2	183.	03.10	53.7	59.2	52.2
112.	21.15	53.9	60.6	52.8	148.	00.15	56.0	61.4	55.1	184.	03.15	53.4	57.5	51.8
113.	21.20	54.0	57.0	52.9	149.	00.20	55.7	58.9	54.4	185.	03.20	53.2	55.8	51.9
114.	21.25	54.1	62.0	52.6	150.	00.25	55.5	57.4	54.6	186.	03.25	53.4	63.9	51.7
115.	21.30	53.5	59.3	52.6	151.	00.30	55.4	58.4	54.4	187.	03.30	53.0	60.4	51.7
116.	21.35	54.2	58.1	53.0	152.	00.35	54.8	57.2	54.1	188.	03.35	53.0	57.2	51.7
117.	21.40	54.3	56.2	53.3	153.	00.40	54.6	56.6	53.9	189.	03.40	53.1	60.9	51.8
118.	21.45	54.4	58.1	53.5	154.	00.45	55.2	58.0	54.3	190.	03.45	52.7	56.3	51.6
119.	21.50	54.3	57.8	53.4	155.	00.50	55.7	58.0	54.9	191.	03.50	53.5	62.5	51.5
120.	21.55	54.4	56.9	53.6	156.	00.55	55.7	57.1	54.9	192.	03.55	52.7	56.4	51.5
121.	22.00	55.6	60.7	54.8	157.	01.00	55.9	58.1	55.0	193.	04.00	54.1	66.9	51.8
122.	22.05	55.9	62.6	55.1	158.	01.05	55.9	57.5	55.1	194.	04.05	53.2	57.4	52.0
123.	22.10	55.5	57.9	54.8	159.	01.10	56.0	59.1	55.2	195.	04.10	53.5	60.5	52.1
124.	22.15	55.2	57.7	54.4	160.	01.15	56.0	60.4	55.2	196.	04.15	52.6	55.6	51.5
125.	22.20	55.0	58.5	54.2	161.	01.20	55.9	57.7	55.0	197.	04.20	53.3	60.0	51.5
126.	22.25	55.0	57.4	54.2	162.	01.25	55.9	57.8	55.1	198.	04.25	49.6	58.1	46.9
127.	22.30	55.2	62.2	54.3	163.	01.30	55.9	62.3	55.1	199.	04.30	50.4	60.7	47.2
128.	22.35	55.1	58.3	54.2	164.	01.35	55.7	58.1	54.9	200.	04.35	50.4	57.3	47.7
129.	22.40	55.3	63.2	54.2	165.	01.40	55.9	57.9	55.0	201.	04.40	50.0	57.0	46.9
130.	22.45	54.9	58.5	54.1	166.	01.45	55.6	58.1	54.3	202.	04.45	50.3	59.0	47.2
131.	22.50	54.9	56.7	53.8	167.	01.50	55.5	65.0	54.3	203.	04.50	51.0	62.2	47.3
132.	22.55	55.3	61.1	54.2	168.	01.55	54.9	57.0	54.0	204.	04.55	50.6	60.4	47.9
133.	23.00	55.6	64.0	54.6	169.	02.00	55.0	61.4	53.8	205.	05.00	50.6	56.0	47.9
134.	23.05	55.5	57.1	54.9	170.	02.05	55.3	64.5	54.2	206.	05.05	52.1	59.6	48.9
135.	23.10	55.8	60.2	54.9	171.	02.10	55.0	60.4	54.0	207.	05.10	53.6	64.7	48.7
136.	23.15	56.2	61.1	55.1	172.	02.15	55.4	62.0	54.3	208.	05.15	52.3	63.8	49.0
137.	23.20	56.7	58.6	56.0	173.	02.20	55.3	59.4	54.3	209.	05.20	53.5	66.4	49.1
138.	23.25	56.2	58.2	55.1	174.	02.25	55.2	57.9	54.3	210.	05.25	53.4	64.4	49.7
139.	23.30	55.7	57.1	54.9	175.	02.30	55.2	58.7	54.3	211.	05.30	51.9	57.9	49.6
140.	23.35	55.7	58.1	54.9	176.	02.35	54.9	63.9	53.7	212.	05.35	52.8	58.1	50.1
141.	23.40	55.7	58.3	54.9	177.	02.40	54.7	60.8	53.6	213.	05.40	52.9	62.4	50.8
142.	23.45	55.9	61.3	54.9	178.	02.45	54.6	57.1	53.4	214.	05.45	53.1	65.2	49.8
143.	23.50	54.8	58.0	53.7	179.	02.50	54.3	56.8	53.2	215.	05.50	53.6	66.0	49.9
144.	23.55	55.9	59.2	55.1	180.	02.55	54.2	58.4	52.3	216.	05.55	52.8	62.0	49.8



Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(29/3-3)

รวมโครงการด้านทิศใต้														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		06-07/12/22					06-07/12/22					06-07/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
217.	06.00	52.3	60.3	49.4	241.	08.00	51.7	58.6	49.9	265.	10.00	51.9	61.7	49.3
218.	06.05	53.9	66.4	49.9	242.	08.05	51.0	59.3	48.4	266.	10.05	50.8	58.4	47.2
219.	06.10	53.0	65.1	49.8	243.	08.10	51.6	57.5	48.8	267.	10.10	51.6	59.1	49.1
220.	06.15	53.5	65.5	50.1	244.	08.15	51.9	60.9	49.7	268.	10.15	52.0	61.3	49.5
221.	06.20	53.2	62.7	49.8	245.	08.20	51.3	62.4	48.8	269.	10.20	51.3	59.7	48.5
222.	06.25	52.7	62.4	50.0	246.	08.25	51.8	61.4	49.4	270.	10.25	52.5	60.6	50.0
223.	06.30	52.4	58.1	49.8	247.	08.30	51.9	59.3	49.5	271.	10.30	51.6	62.2	49.6
224.	06.35	53.7	63.0	50.7	248.	08.35	53.7	62.7	49.6	272.	10.35	51.7	58.8	49.3
225.	06.40	52.8	61.6	50.6	249.	08.40	51.8	60.8	48.8	273.	10.40	52.7	63.9	49.7
226.	06.45	53.7	70.9	50.5	250.	08.45	52.5	63.4	48.4	274.	10.45	52.0	64.0	49.5
227.	06.50	52.9	62.8	50.1	251.	08.50	50.8	56.3	48.3	275.	10.50	52.0	61.3	49.0
228.	06.55	52.1	62.8	49.5	252.	08.55	51.0	57.5	48.3	276.	10.55	52.2	58.6	49.4
229.	07.00	51.8	59.7	49.6	253.	09.00	50.9	59.7	48.0	277.	11.00	52.8	63.1	49.9
230.	07.05	51.8	64.9	48.9	254.	09.05	51.3	61.8	48.2	278.	11.05	54.3	59.1	52.2
231.	07.10	52.7	65.3	49.7	255.	09.10	51.4	59.7	48.7	279.	11.10	52.7	58.8	50.4
232.	07.15	53.1	62.7	50.0	256.	09.15	51.6	58.8	48.7	280.	11.15	52.2	59.6	49.7
233.	07.20	53.8	65.4	50.1	257.	09.20	51.3	59.1	48.4	281.	11.20	52.1	59.7	49.1
234.	07.25	51.9	61.4	49.2	258.	09.25	52.0	62.0	48.3	282.	11.25	52.0	57.7	49.5
235.	07.30	51.8	61.6	49.0	259.	09.30	51.9	66.4	47.8	283.	11.30	51.9	58.5	49.3
236.	07.35	51.8	59.8	49.0	260.	09.35	50.5	54.7	47.8	284.	11.35	51.7	61.2	49.1
237.	07.40	52.5	63.1	49.6	261.	09.40	51.5	58.4	48.2	285.	11.40	52.7	66.4	49.4
238.	07.45	51.9	57.9	49.5	262.	09.45	51.5	57.8	48.6	286.	11.45	53.0	65.0	49.7
239.	07.50	52.2	60.1	49.2	263.	09.50	51.9	65.6	48.2	287.	11.50	52.4	62.8	49.7
240.	07.55	51.1	60.6	48.0	264.	09.55	52.2	62.9	49.5	288.	11.55	52.2	62.3	49.6

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager

**TET**

Thai Environmental Technic Limited

บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ตะวันแดง 1999 จำกัด

Report No. : 3581/2022/30-42

Project : โครงการโรงงานผลิตแอลกอฮอล์และสุรา (ส่วนขยาย ครั้งที่ 1)
(ระยะดำเนินการ)

Report Date : December 19, 2022

Address : เลขที่ 88 หมู่ที่ 15 บ้านเขาน้อย ตำบลหนองแสง
อำเภอหันคา จังหวัดชัยนาท

Sampling Date : December 6-13, 2022

Type of Sample : Sound Level

Job No. : S650153/Dec

(30/1-3)

วิธีวัดโครงการด้านทิศใต้														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		07-08/12/22					07-08/12/22					07-08/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
1.	12.00	51.8	60.3	49.2	37.	15.00	49.6	61.1	47.7	73.	18.00	54.4	61.0	53.1
2.	12.05	53.2	61.2	49.1	38.	15.05	48.9	56.7	47.2	74.	18.05	54.8	63.5	53.7
3.	12.10	56.3	58.5	55.5	39.	15.10	48.8	61.4	47.4	75.	18.10	55.4	60.6	54.3
4.	12.15	56.7	67.6	55.5	40.	15.15	49.6	55.2	47.7	76.	18.15	54.4	58.6	53.2
5.	12.20	56.3	73.8	55.4	41.	15.20	49.3	55.0	47.5	77.	18.20	50.7	61.9	53.3
6.	12.25	53.1	62.1	48.6	42.	15.25	49.8	60.5	48.1	78.	18.25	54.3	57.3	53.3
7.	12.30	51.0	56.6	48.3	43.	15.30	51.0	67.8	48.2	79.	18.30	54.9	63.4	53.8
8.	12.35	51.4	60.8	48.4	44.	15.35	61.8	84.4	48.2	80.	18.35	55.7	65.8	54.1
9.	12.40	51.3	63.2	48.7	45.	15.40	52.3	69.1	48.3	81.	18.40	54.1	60.0	52.9
10.	12.45	51.2	57.1	48.4	46.	15.45	52.7	62.4	48.6	82.	18.45	55.1	62.3	53.2
11.	12.50	50.8	58.0	48.7	47.	15.50	59.3	77.1	49.0	83.	18.50	55.0	62.1	53.4
12.	12.55	51.3	61.4	48.3	48.	15.55	56.0	71.4	49.1	84.	18.55	55.0	62.3	53.3
13.	13.00	51.3	60.0	48.6	49.	16.00	52.7	72.8	49.5	85.	19.00	55.2	66.0	53.7
14.	13.05	51.8	64.2	48.9	50.	16.05	61.5	82.5	51.8	86.	19.05	54.9	57.7	53.9
15.	13.10	51.5	59.0	48.9	51.	16.10	57.0	72.0	52.4	87.	19.10	51.9	61.7	53.6
16.	13.15	50.9	59.3	47.8	52.	16.15	60.4	78.6	50.5	88.	19.15	54.8	65.1	53.5
17.	13.20	50.6	56.9	47.7	53.	16.20	59.5	80.3	52.1	89.	19.20	54.3	57.4	53.3
18.	13.25	50.3	56.7	48.0	54.	16.25	52.8	72.5	48.9	90.	19.25	54.2	58.3	53.2
19.	13.30	49.7	57.6	47.3	55.	16.30	58.2	81.8	50.3	91.	19.30	54.5	57.7	53.6
20.	13.35	50.0	60.0	47.3	56.	16.35	54.1	75.3	49.3	92.	19.35	54.1	61.5	53.2
21.	13.40	49.7	65.3	47.5	57.	16.40	56.4	68.8	50.6	93.	19.40	55.1	61.6	53.5
22.	13.45	50.8	65.1	47.3	58.	16.45	57.2	69.0	51.2	94.	19.45	58.9	60.8	57.7
23.	13.50	50.8	58.7	48.5	59.	16.50	57.1	69.5	52.6	95.	19.50	58.7	61.0	57.7
24.	13.55	49.7	59.4	48.0	60.	16.55	58.3	68.4	53.7	96.	19.55	58.7	61.5	57.6
25.	14.00	49.2	54.9	47.4	61.	17.00	60.1	83.1	54.7	97.	20.00	59.0	68.3	57.8
26.	14.05	49.8	55.8	48.2	62.	17.05	56.3	67.4	53.1	98.	20.05	59.0	66.5	58.0
27.	14.10	50.8	57.5	48.5	63.	17.10	57.3	69.4	53.6	99.	20.10	58.7	61.3	57.9
28.	14.15	50.0	57.0	47.6	64.	17.15	58.3	68.6	53.4	100.	20.15	59.2	62.0	58.1
29.	14.20	49.7	58.8	47.8	65.	17.20	57.2	69.4	52.3	101.	20.20	59.6	67.7	58.6
30.	14.25	49.8	58.1	47.9	66.	17.25	57.0	72.3	50.8	102.	20.25	58.7	66.7	57.4
31.	14.30	50.0	55.9	48.1	67.	17.30	57.4	72.1	51.9	103.	20.30	58.9	63.6	57.8
32.	14.35	50.4	65.1	47.4	68.	17.35	60.1	73.2	54.2	104.	20.35	59.6	64.4	58.1
33.	14.40	48.9	54.3	47.5	69.	17.40	58.0	69.9	53.6	105.	20.40	59.2	62.9	58.2
34.	14.45	49.0	51.1	47.6	70.	17.45	59.6	80.2	53.2	106.	20.45	58.9	63.7	58.1
35.	14.50	49.5	53.8	47.6	71.	17.50	54.2	63.7	52.4	107.	20.50	59.1	65.3	58.2
36.	14.55	49.3	56.2	47.7	72.	17.55	53.7	61.0	52.5	108.	20.55	58.9	62.3	58.0



Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(30/2-3)

รวมโครงการด้านทิศใต้														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		07-08/12/22					07-08/12/22					07-08/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
109.	21.00	58.0	64.8	54.1	145.	00.00	57.9	60.1	57.3	181.	03.00	49.7	59.7	47.4
110.	21.05	54.7	62.3	52.8	146.	00.05	57.6	59.6	56.7	182.	03.05	50.4	57.7	47.6
111.	21.10	53.6	59.2	50.6	147.	00.10	57.5	61.4	55.7	183.	03.10	50.5	61.3	47.6
112.	21.15	52.8	66.5	51.0	148.	00.15	57.9	59.6	57.1	184.	03.15	49.9	56.9	47.3
113.	21.20	53.2	57.9	51.2	149.	00.20	57.7	59.4	56.7	185.	03.20	50.6	65.8	46.6
114.	21.25	53.4	56.5	52.3	150.	00.25	57.6	60.2	56.8	186.	03.25	50.2	57.6	46.9
115.	21.30	54.0	59.1	52.3	151.	00.30	57.5	59.0	56.8	187.	03.30	50.3	58.8	46.5
116.	21.35	53.2	59.8	51.7	152.	00.35	57.6	59.2	56.9	188.	03.35	51.8	68.2	47.8
117.	21.40	52.7	55.6	51.6	153.	00.40	57.7	60.0	56.9	189.	03.40	51.8	63.0	48.4
118.	21.45	53.3	57.5	52.0	154.	00.45	57.5	58.8	56.8	190.	03.45	51.9	63.7	48.1
119.	21.50	53.8	64.7	57.3	155.	00.50	57.7	65.0	56.7	191.	03.50	50.5	58.8	47.7
120.	21.55	59.0	60.5	58.3	156.	00.55	57.4	59.5	56.6	192.	03.55	50.8	57.9	47.2
121.	22.00	58.8	61.3	58.2	157.	01.00	57.9	59.4	57.3	193.	04.00	50.5	55.8	47.6
122.	22.05	58.6	59.9	56.0	158.	01.05	57.7	59.2	57.0	194.	04.05	50.6	60.5	46.7
123.	22.10	58.7	60.6	57.9	159.	01.10	57.6	59.3	56.8	195.	04.10	50.0	56.9	47.2
124.	22.15	58.9	60.1	58.4	160.	01.15	57.8	59.3	57.1	196.	04.15	50.6	55.7	47.6
125.	22.20	58.7	60.5	58.0	161.	01.20	57.3	59.4	56.6	197.	04.20	51.4	56.7	48.8
126.	22.25	58.7	60.6	58.0	162.	01.25	57.7	59.6	57.0	198.	04.25	52.8	64.3	48.4
127.	22.30	58.7	60.2	57.9	163.	01.30	57.5	61.5	56.9	199.	04.30	52.9	63.6	49.7
128.	22.35	59.1	65.3	58.2	164.	01.35	57.5	61.5	56.7	200.	04.35	51.7	59.7	48.9
129.	22.40	58.9	61.0	58.4	165.	01.40	57.4	59.2	56.9	201.	04.40	57.5	81.5	49.9
130.	22.45	58.6	60.3	57.8	166.	01.45	57.3	60.4	56.6	202.	04.45	53.1	64.3	49.9
131.	22.50	58.6	61.3	57.9	167.	01.50	56.6	58.9	50.3	203.	04.50	53.7	65.4	50.4
132.	22.55	58.5	62.3	57.8	168.	01.55	51.7	59.6	50.1	204.	04.55	53.8	65.0	50.7
133.	23.00	58.5	63.8	57.3	169.	02.00	51.9	57.2	50.5	205.	05.00	54.4	67.7	51.6
134.	23.05	58.5	61.0	57.8	170.	02.05	52.2	56.2	50.8	206.	05.05	54.6	67.2	50.5
135.	23.10	58.4	59.9	57.8	171.	02.10	52.5	56.0	51.0	207.	05.10	53.6	61.1	49.9
136.	23.15	58.4	61.1	57.6	172.	02.15	52.6	58.1	51.0	208.	05.15	53.4	61.8	50.4
137.	23.20	58.3	60.3	57.6	173.	02.20	52.2	56.5	50.9	209.	05.20	52.9	64.3	50.1
138.	23.25	58.2	59.8	57.5	174.	02.25	53.3	69.7	50.0	210.	05.25	53.7	64.1	50.1
139.	23.30	58.5	59.8	58.0	175.	02.30	51.8	55.6	50.3	211.	05.30	54.9	69.7	49.6
140.	23.35	58.4	60.2	57.7	176.	02.35	51.4	55.1	50.0	212.	05.35	54.0	68.3	50.9
141.	23.40	58.2	61.0	57.6	177.	02.40	51.8	57.3	50.7	213.	05.40	54.0	69.3	50.5
142.	23.45	58.1	61.5	57.4	178.	02.45	52.3	60.8	50.5	214.	05.45	53.9	60.7	51.4
143.	23.50	57.9	59.8	57.3	179.	02.50	51.6	57.3	50.3	215.	05.50	53.8	62.4	50.4
144.	23.55	58.3	61.6	57.6	180.	02.55	50.4	58.6	47.3	216.	05.55	53.9	65.5	50.7

**TET**

Thai Environmental Technic Limited

บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(30/3-3)

รวมโครงการด้านทิศใต้														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		07-08/12/22					07-08/12/22					07-08/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
217.	06.00	53.2	62.7	51.1	241.	08.00	52.4	60.2	49.0	265.	10.00	51.8	58.8	47.7
218.	06.05	54.4	66.6	51.6	242.	08.05	52.2	58.2	49.2	266.	10.05	52.0	58.5	48.9
219.	06.10	53.9	67.8	51.1	243.	08.10	52.0	61.3	49.2	267.	10.10	52.5	60.6	49.5
220.	06.15	54.3	64.8	50.6	244.	08.15	52.6	56.3	50.3	268.	10.15	52.3	57.7	49.5
221.	06.20	52.4	61.1	50.4	245.	08.20	51.8	57.5	49.3	269.	10.20	52.0	57.8	49.1
222.	06.25	52.5	60.3	49.9	246.	08.25	51.8	57.5	48.3	270.	10.25	52.5	63.6	48.8
223.	06.30	52.9	59.3	50.5	247.	08.30	52.8	67.4	49.0	271.	10.30	51.8	61.8	48.6
224.	06.35	53.3	61.6	50.5	248.	08.35	52.8	59.4	49.3	272.	10.35	52.3	62.0	48.9
225.	06.40	52.7	61.7	49.8	249.	08.40	52.6	61.9	48.8	273.	10.40	51.9	62.1	48.7
226.	06.45	52.8	59.2	50.4	250.	08.45	52.3	59.0	49.3	274.	10.45	52.2	59.0	49.1
227.	06.50	52.5	58.8	50.1	251.	08.50	52.0	64.8	48.5	275.	10.50	51.5	59.7	48.2
228.	06.55	52.3	60.3	49.5	252.	08.55	53.6	64.8	50.5	276.	10.55	51.6	62.7	48.6
229.	07.00	52.1	61.6	49.8	253.	09.00	52.6	61.6	49.1	277.	11.00	51.8	60.2	48.6
230.	07.05	52.3	59.4	49.8	254.	09.05	52.6	64.0	50.1	278.	11.05	51.4	58.6	47.9
231.	07.10	52.4	60.5	49.9	255.	09.10	53.0	69.2	49.7	279.	11.10	53.0	68.0	48.8
232.	07.15	51.8	60.5	49.2	256.	09.15	51.8	58.2	48.8	280.	11.15	52.0	68.1	48.6
233.	07.20	52.3	61.1	49.7	257.	09.20	52.0	65.0	47.9	281.	11.20	51.7	64.7	48.8
234.	07.25	52.6	60.1	50.1	258.	09.25	51.2	58.7	48.8	282.	11.25	53.3	71.9	50.6
235.	07.30	51.5	61.4	49.0	259.	09.30	51.6	58.8	49.2	283.	11.30	51.9	58.1	50.0
236.	07.35	52.6	61.1	49.8	260.	09.35	52.5	59.8	49.7	284.	11.35	52.5	70.0	50.1
237.	07.40	53.1	64.1	49.0	261.	09.40	52.9	60.1	50.2	285.	11.40	53.6	79.7	50.0
238.	07.45	52.2	63.1	49.3	262.	09.45	53.0	60.9	50.2	286.	11.45	51.8	57.5	49.7
239.	07.50	52.5	64.1	49.3	263.	09.50	52.2	68.8	49.2	287.	11.50	51.9	59.7	50.0
240.	07.55	52.3	61.8	48.5	264.	09.55	51.7	57.8	48.9	288.	11.55	51.8	56.8	49.9

Wannasiri S.

Wannasiri Suriyawong

*Somchai P.*Somchai Piyavorasakul
General Manager



Thai Environmental Technic Limited

บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ตะวันแดง 1999 จำกัด

Report No. : 3581/2022/31-42

Project : โครงการโรงงานผลิตแอลกอฮอล์และสุรา (ส่วนขยาย ครั้งที่ 1)
(ระยะดำเนินการ)

Report Date : December 19, 2022

Sampling Date : December 6-13, 2022

Address : เลขที่ 88 หมู่ที่ 15 บ้านเขาน้อย ตำบลหนองแดง
อำเภอหันคา จังหวัดชัยนาท

Type of Sample : Sound Level

Job No. : S650153/Dec

(31/1 3)

วิธีวัดโครงการด้านทิศใต้														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		08-09/12/22					08-09/12/22					08-09/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
1.	12.00	52.9	65.8	50.0	37.	15.00	52.0	60.6	50.2	73.	18.00	54.3	62.2	52.8
2.	12.05	51.8	59.2	50.1	38.	15.05	52.5	75.3	49.9	74.	18.05	55.0	60.7	53.8
3.	12.10	52.4	61.6	50.0	39.	15.10	51.6	55.5	50.1	75.	18.10	54.6	60.6	53.1
4.	12.15	51.7	57.7	49.8	40.	15.15	51.3	57.6	49.7	76.	18.15	55.6	64.8	53.1
5.	12.20	52.2	59.4	49.9	41.	15.20	51.2	58.2	49.3	77.	18.20	55.3	61.0	53.7
6.	12.25	52.6	65.7	49.8	42.	15.25	50.7	55.6	49.3	78.	18.25	54.5	59.2	53.3
7.	12.30	51.3	56.7	49.6	43.	15.30	51.0	56.3	49.6	79.	18.30	55.8	61.4	54.2
8.	12.35	51.6	61.8	49.5	44.	15.35	51.5	56.3	49.9	80.	18.35	54.8	57.5	53.8
9.	12.40	51.4	56.4	49.2	45.	15.40	51.6	60.4	49.6	81.	18.40	54.8	64.4	53.6
10.	12.45	51.7	60.2	49.8	46.	15.45	51.5	55.8	50.1	82.	18.45	55.3	58.4	53.7
11.	12.50	51.3	55.6	49.8	47.	15.50	51.4	57.9	49.8	83.	18.50	57.0	61.4	55.3
12.	12.55	51.3	56.8	49.4	48.	15.55	52.0	61.4	50.3	84.	18.55	57.7	63.1	55.6
13.	13.00	50.8	55.6	49.0	49.	16.00	52.2	61.6	49.8	85.	19.00	55.2	58.7	54.2
14.	13.05	51.8	57.2	50.0	50.	16.05	52.7	65.1	50.0	86.	19.05	55.5	56.1	52.2
15.	13.10	51.3	58.4	49.4	51.	16.10	52.7	65.8	50.3	87.	19.10	52.9	58.4	51.5
16.	13.15	51.2	56.6	49.6	52.	16.15	52.0	64.0	49.7	88.	19.15	53.2	60.4	51.9
17.	13.20	51.5	57.6	49.7	53.	16.20	53.1	66.8	49.6	89.	19.20	52.5	62.4	50.1
18.	13.25	50.6	55.0	48.8	54.	16.25	56.6	74.3	52.2	90.	19.25	52.8	63.3	50.7
19.	13.30	50.3	59.1	48.8	55.	16.30	54.2	77.4	50.0	91.	19.30	52.8	59.0	51.2
20.	13.35	51.5	71.0	49.7	56.	16.35	53.6	76.7	49.0	92.	19.35	61.7	66.4	56.4
21.	13.40	51.2	54.8	49.3	57.	16.40	52.8	72.2	49.7	93.	19.40	56.9	64.1	53.2
22.	13.45	52.0	62.9	49.6	58.	16.45	51.9	68.5	49.7	94.	19.45	52.6	55.5	51.2
23.	13.50	51.2	57.2	49.3	59.	16.50	58.4	80.0	50.8	95.	19.50	53.2	57.5	51.9
24.	13.55	51.4	61.5	49.6	60.	16.55	55.5	76.0	50.1	96.	19.55	53.3	66.7	49.1
25.	14.00	58.9	83.1	50.7	61.	17.00	54.2	68.2	50.0	97.	20.00	51.6	58.9	49.8
26.	14.05	54.7	69.5	50.3	62.	17.05	57.8	74.9	52.0	98.	20.05	53.3	57.6	50.1
27.	14.10	55.8	69.7	53.1	63.	17.10	53.2	64.5	51.5	99.	20.10	52.3	56.8	50.3
28.	14.15	56.9	65.5	53.0	64.	17.15	54.5	71.8	50.0	100.	20.15	51.4	55.9	49.7
29.	14.20	66.2	92.6	52.9	65.	17.20	54.3	73.5	49.9	101.	20.20	51.9	56.3	50.1
30.	14.25	59.4	73.4	51.6	66.	17.25	56.1	78.3	49.8	102.	20.25	51.9	55.0	50.4
31.	14.30	60.0	83.4	53.4	67.	17.30	57.3	76.5	50.8	103.	20.30	52.2	56.2	50.0
32.	14.35	53.7	67.1	50.8	68.	17.35	54.7	66.8	53.3	104.	20.35	56.3	61.4	50.9
33.	14.40	52.7	65.5	50.8	69.	17.40	54.1	62.4	53.3	105.	20.40	59.4	62.6	57.8
34.	14.45	52.7	56.9	50.3	70.	17.45	53.8	56.4	52.8	106.	20.45	57.8	62.3	56.1
35.	14.50	50.9	57.9	49.2	71.	17.50	54.6	65.8	53.1	107.	20.50	54.8	60.4	52.7
36.	14.55	52.0	55.3	49.8	72.	17.55	53.9	56.8	52.8	108.	20.55	57.1	71.9	52.1



Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(31/2-3)

เริ่มวัดโครงการด้านทิศใต้														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		08-09/12/22					08-09/12/22					08-09/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
109.	21.00	52.5	56.9	51.0	145.	00.00	54.3	68.5	51.9	181.	03.00	56.3	65.0	54.9
110.	21.05	51.7	55.0	50.5	146.	00.05	55.2	62.9	53.8	182.	03.05	59.6	63.6	57.9
111.	21.10	51.8	54.9	50.5	147.	00.10	54.5	61.4	52.8	183.	03.10	60.8	63.5	59.3
112.	21.15	51.2	56.0	49.7	148.	00.15	53.4	61.0	50.9	184.	03.15	58.4	63.4	56.7
113.	21.20	52.1	57.0	50.7	149.	00.20	53.3	59.9	50.0	185.	03.20	56.3	71.6	54.3
114.	21.25	52.0	56.0	50.7	150.	00.25	52.2	59.4	50.3	186.	03.25	55.1	63.6	53.3
115.	21.30	53.3	55.3	52.0	151.	00.30	53.3	63.3	50.7	187.	03.30	53.9	57.7	52.1
116.	21.35	54.1	55.9	53.1	152.	00.35	52.2	57.1	49.9	188.	03.35	54.7	62.2	52.3
117.	21.40	55.2	57.2	54.3	153.	00.40	52.7	60.4	49.7	189.	03.40	54.2	59.5	51.2
118.	21.45	56.4	61.2	54.2	154.	00.45	52.7	58.2	50.3	190.	03.45	53.2	63.2	50.5
119.	21.50	55.5	59.4	53.2	155.	00.50	53.7	65.4	51.4	191.	03.50	53.5	66.0	50.4
120.	21.55	54.5	59.2	53.4	156.	00.55	52.4	63.1	50.0	192.	03.55	54.0	64.8	51.8
121.	22.00	55.1	66.4	53.7	157.	01.00	52.8	60.1	50.0	193.	04.00	53.6	68.0	51.7
122.	22.05	55.8	58.8	54.9	158.	01.05	52.4	63.1	50.5	194.	04.05	52.7	63.9	50.3
123.	22.10	55.9	58.2	55.0	159.	01.10	52.5	60.1	49.5	195.	04.10	54.3	58.8	52.0
124.	22.15	55.0	60.6	51.3	160.	01.15	52.9	69.4	50.1	196.	04.15	54.6	59.3	53.3
125.	22.20	54.8	61.2	54.0	161.	01.20	52.5	61.2	50.2	197.	04.20	54.3	57.9	52.8
126.	22.25	56.5	63.1	54.5	162.	01.25	52.5	57.9	50.1	198.	04.25	54.3	64.7	52.3
127.	22.30	57.2	61.5	55.3	163.	01.30	53.1	62.8	50.4	199.	04.30	53.4	63.3	51.2
128.	22.35	55.4	59.2	54.0	164.	01.35	52.4	58.0	50.2	200.	04.35	53.1	61.7	51.3
129.	22.40	53.8	58.3	52.2	165.	01.40	52.7	61.8	50.1	201.	04.40	53.0	61.7	51.3
130.	22.45	55.7	67.0	52.7	166.	01.45	53.0	59.0	50.7	202.	04.45	53.5	59.7	51.7
131.	22.50	55.1	61.6	53.3	167.	01.50	52.7	57.0	50.0	203.	04.50	53.8	59.3	52.2
132.	22.55	54.6	58.5	53.1	168.	01.55	52.5	56.3	50.4	204.	04.55	53.6	56.9	52.1
133.	23.00	55.7	63.4	53.9	169.	02.00	52.4	56.0	50.1	205.	05.00	54.3	58.3	52.8
134.	23.05	53.7	57.9	52.3	170.	02.05	52.8	62.0	50.2	206.	05.05	54.2	57.9	52.8
135.	23.10	53.8	65.5	51.8	171.	02.10	54.3	66.3	51.8	207.	05.10	53.2	62.1	51.0
136.	23.15	53.9	60.4	52.7	172.	02.15	54.1	62.6	52.4	208.	05.15	52.1	57.4	49.9
137.	23.20	55.1	60.7	53.6	173.	02.20	53.9	57.9	52.5	209.	05.20	53.0	60.5	50.4
138.	23.25	55.7	61.1	53.9	174.	02.25	54.5	59.9	53.0	210.	05.25	54.3	73.3	49.8
139.	23.30	55.4	63.7	53.6	175.	02.30	54.7	59.3	53.4	211.	05.30	51.9	55.7	50.1
140.	23.35	58.7	64.3	55.7	176.	02.35	53.1	61.3	51.2	212.	05.35	53.0	57.1	51.5
141.	23.40	56.3	64.9	54.5	177.	02.40	53.5	56.5	51.6	213.	05.40	54.8	58.4	53.3
142.	23.45	56.0	59.6	54.2	178.	02.45	57.8	66.4	54.4	214.	05.45	54.7	62.3	53.0
143.	23.50	59.3	64.5	53.7	179.	02.50	58.2	73.0	56.6	215.	05.50	53.3	57.3	51.7
144.	23.55	55.1	62.1	52.5	180.	02.55	56.5	66.8	55.3	216.	05.55	53.6	64.2	51.7



Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(31/3-3)

วิธีวัดโครงการด้านทิศใต้														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		08-09/12/22					08-09/12/22					08-09/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
217.	06.00	52.3	62.6	50.7	241.	08.00	51.2	63.1	49.5	265.	10.00	54.8	71.9	51.9
218.	06.05	52.9	59.3	51.0	242.	08.05	50.3	59.7	48.8	266.	10.05	56.8	61.0	54.3
219.	06.10	53.3	63.9	51.4	243.	08.10	49.9	54.1	48.5	267.	10.10	57.1	60.3	56.3
220.	06.15	54.5	58.7	53.4	244.	08.15	49.7	52.9	48.4	268.	10.15	56.4	61.9	55.6
221.	06.20	53.8	57.4	52.4	245.	08.20	50.5	55.0	49.0	269.	10.20	57.1	61.8	55.6
222.	06.25	53.5	60.3	51.9	246.	08.25	50.7	58.7	48.7	270.	10.25	59.3	63.9	58.3
223.	06.30	55.3	77.1	51.5	247.	08.30	51.2	60.7	49.3	271.	10.30	59.4	61.3	58.8
224.	06.35	52.8	63.6	50.5	248.	08.35	50.1	58.8	48.1	272.	10.35	58.9	64.4	58.3
225.	06.40	51.5	61.0	50.0	249.	08.40	50.1	53.1	48.9	273.	10.40	59.5	62.0	58.6
226.	06.45	51.5	55.1	49.8	250.	08.45	51.0	56.2	49.0	274.	10.45	57.6	60.3	56.7
227.	06.50	52.2	58.2	50.6	251.	08.50	51.3	66.1	49.1	275.	10.50	56.2	62.7	55.4
228.	06.55	51.2	55.1	49.7	252.	08.55	50.5	54.4	49.2	276.	10.55	57.0	60.3	56.4
229.	07.00	52.6	55.9	51.1	253.	09.00	49.9	54.7	48.7	277.	11.00	57.0	60.0	56.3
230.	07.05	52.0	55.0	50.8	254.	09.05	50.3	53.9	48.9	278.	11.05	56.8	60.3	55.8
231.	07.10	53.6	56.5	51.7	255.	09.10	51.3	57.1	50.0	279.	11.10	56.2	58.3	55.3
232.	07.15	55.3	58.2	54.2	256.	09.15	51.6	56.4	50.1	280.	11.15	56.2	64.2	55.2
233.	07.20	56.2	59.6	55.2	257.	09.20	52.1	54.9	51.0	281.	11.20	56.3	69.5	54.5
234.	07.25	55.1	57.3	54.2	258.	09.25	53.3	57.0	52.3	282.	11.25	55.5	59.7	54.5
235.	07.30	53.6	56.8	52.5	259.	09.30	52.0	58.6	50.9	283.	11.30	55.2	57.6	54.2
236.	07.35	52.8	60.7	51.2	260.	09.35	51.1	55.4	49.8	284.	11.35	55.9	60.2	54.9
237.	07.40	51.8	57.5	50.6	261.	09.40	50.3	53.4	48.6	285.	11.40	56.3	62.4	55.2
238.	07.45	51.8	56.7	50.4	262.	09.45	49.9	55.4	48.4	286.	11.45	56.8	63.1	55.8
239.	07.50	51.0	58.0	49.9	263.	09.50	49.5	54.8	48.0	287.	11.50	56.6	58.6	55.8
240.	07.55	51.1	55.8	49.8	264.	09.55	50.7	58.1	48.5	288.	11.55	56.8	58.7	55.7

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager



Thai Environmental Technic Limited

บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ตะวันแดง 1999 จำกัด

Report No. : 3581/2022/32-42

Project : โครงการโรงงานผลิตแอลกอฮอล์และสุรา (ส่วนขยาย ครั้งที่ 1)
(ระยะดำเนินการ)

Report Date : December 19, 2022

Sampling Date : December 6-13, 2022

Address : เลขที่ 88 หมู่ที่ 15 บ้านเขาน้อย ตำบลหนองแขง
อำเภอหันคา จังหวัดชัยนาท

Type of Sample : Sound Level

Job No. : S650153/Dec

(32/1-3)

วิธีวัดโครงการด้านทิศใต้														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		09-10/12/22					09-10/12/22					09-10/12/22		
		Leq	Lmax	L90			Leq	Lmax	L90			Leq	Lmax	L90
1.	12.00	56.8	59.6	56.0	37.	15.00	56.6	59.7	54.9	73.	18.00	54.7	56.8	53.7
2.	12.05	56.7	59.6	55.6	38.	15.05	55.7	59.5	54.7	74.	18.05	55.1	57.9	54.0
3.	12.10	56.5	62.3	55.5	39.	15.10	56.1	60.2	55.1	75.	18.10	55.3	59.2	54.2
4.	12.15	57.1	58.8	56.2	40.	15.15	56.2	58.8	54.7	76.	18.15	54.8	56.9	53.8
5.	12.20	57.0	59.8	55.7	41.	15.20	56.5	61.0	55.2	77.	18.20	54.7	57.0	53.8
6.	12.25	57.0	59.0	56.0	42.	15.25	54.6	56.8	53.8	78.	18.25	55.3	61.0	54.1
7.	12.30	57.2	59.0	56.5	43.	15.30	56.1	59.5	50.2	79.	18.30	55.3	60.0	54.1
8.	12.35	57.4	58.6	56.8	44.	15.35	50.7	57.9	53.6	80.	18.35	55.1	57.9	54.2
9.	12.40	57.5	59.4	56.8	45.	15.40	54.7	57.8	53.6	81.	18.40	55.3	61.8	54.2
10.	12.45	58.0	70.4	56.7	46.	15.45	54.6	59.4	53.4	82.	18.45	54.8	57.3	54.0
11.	12.50	57.6	63.4	56.9	47.	15.50	53.8	56.8	52.3	83.	18.50	54.6	58.4	53.7
12.	12.55	57.1	59.4	56.2	48.	15.55	54.1	56.4	53.0	84.	18.55	54.9	57.0	54.0
13.	13.00	57.1	59.0	55.6	49.	16.00	54.8	58.9	53.5	85.	19.00	51.3	58.1	53.4
14.	13.05	57.2	58.8	56.2	50.	16.05	54.9	57.9	53.8	86.	19.05	54.1	56.5	53.3
15.	13.10	57.8	61.8	57.1	51.	16.10	55.3	59.3	53.8	87.	19.10	53.6	58.5	52.8
16.	13.15	57.9	63.4	57.2	52.	16.15	54.7	57.7	53.2	88.	19.15	53.6	55.8	52.4
17.	13.20	58.5	68.8	57.3	53.	16.20	55.2	57.7	54.2	89.	19.20	53.7	56.4	52.8
18.	13.25	58.0	60.3	57.1	54.	16.25	55.2	57.7	54.1	90.	19.25	53.8	56.0	52.8
19.	13.30	58.6	59.8	57.9	55.	16.30	55.1	57.7	53.8	91.	19.30	53.5	60.0	52.4
20.	13.35	59.0	60.9	58.1	56.	16.35	55.5	58.4	54.2	92.	19.35	53.9	58.0	52.9
21.	13.40	57.0	59.0	56.0	57.	16.40	54.5	56.9	53.7	93.	19.40	53.1	55.9	51.8
22.	13.45	58.6	60.5	57.4	58.	16.45	54.7	57.3	53.7	94.	19.45	53.2	55.8	52.0
23.	13.50	58.2	60.1	57.4	59.	16.50	54.9	58.1	53.9	95.	19.50	53.2	58.0	52.1
24.	13.55	58.4	60.3	57.0	60.	16.55	54.2	58.3	53.3	96.	19.55	53.1	58.5	51.9
25.	14.00	58.3	60.1	57.4	61.	17.00	54.4	56.6	53.5	97.	20.00	52.0	56.8	50.7
26.	14.05	58.3	71.0	56.6	62.	17.05	54.9	60.0	53.9	98.	20.05	52.5	54.9	51.2
27.	14.10	56.7	59.0	55.4	63.	17.10	54.7	57.2	53.7	99.	20.10	52.0	60.5	50.3
28.	14.15	57.4	59.4	56.4	64.	17.15	54.4	56.5	53.6	100.	20.15	52.2	59.1	50.4
29.	14.20	56.8	58.7	56.0	65.	17.20	54.5	56.7	53.6	101.	20.20	52.0	59.1	49.9
30.	14.25	56.4	58.4	55.2	66.	17.25	54.4	57.7	53.5	102.	20.25	50.8	54.9	49.3
31.	14.30	57.1	61.3	56.2	67.	17.30	54.4	56.4	53.5	103.	20.30	51.4	55.1	49.5
32.	14.35	57.3	59.4	56.4	68.	17.35	54.5	56.9	53.6	104.	20.35	51.1	56.9	49.0
33.	14.40	56.9	61.9	55.9	69.	17.40	54.9	57.1	53.8	105.	20.40	50.5	59.0	48.3
34.	14.45	57.6	60.1	56.3	70.	17.45	54.6	56.6	53.8	106.	20.45	50.4	56.0	48.7
35.	14.50	56.9	59.8	55.3	71.	17.50	54.8	57.2	53.8	107.	20.50	50.3	58.3	48.4
36.	14.55	56.1	59.6	54.2	72.	17.55	55.0	57.3	54.0	108.	20.55	50.1	55.3	48.0



Thai Environmental Technic Limited
บริษัท เทคนิกลิ่งแวดล้อมไทย จำกัด

(32/2-3)

จิมข้าวโครงการด้านทิศใต้														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		09-10/12/22					09-10/12/22					09-10/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
109.	21.00	50.5	59.9	47.6	145.	00.00	53.0	75.0	49.2	181.	03.00	52.1	55.1	50.5
110.	21.05	50.6	55.6	48.1	146.	00.05	57.2	78.5	49.7	182.	03.05	51.2	50.3	49.8
111.	21.10	51.9	66.6	48.6	147.	00.10	53.8	75.2	49.5	183.	03.10	51.0	54.4	49.9
112.	21.15	51.2	63.0	48.2	148.	00.15	54.0	76.0	49.3	184.	03.15	50.8	54.0	49.9
113.	21.20	52.3	66.5	48.9	149.	00.20	52.0	64.4	49.5	185.	03.20	52.1	55.2	50.2
114.	21.25	51.3	56.3	48.7	150.	00.25	52.5	62.1	49.5	186.	03.25	51.6	54.7	49.7
115.	21.30	51.7	59.7	48.9	151.	00.30	56.0	75.1	49.7	187.	03.30	51.3	55.2	50.1
116.	21.35	51.7	60.9	49.4	152.	00.35	61.3	78.6	50.2	188.	03.35	51.0	54.1	49.9
117.	21.40	52.7	63.3	49.8	153.	00.40	52.1	64.9	49.1	189.	03.40	51.0	54.1	49.9
118.	21.45	53.4	64.2	51.2	154.	00.45	52.3	67.9	48.9	190.	03.45	52.5	56.9	50.8
119.	21.50	52.0	58.8	49.6	155.	00.50	53.9	78.4	49.4	191.	03.50	59.2	85.7	50.6
120.	21.55	51.5	58.2	49.6	156.	00.55	52.2	67.8	49.3	192.	03.55	53.5	60.6	50.1
121.	22.00	52.5	67.3	49.5	157.	01.00	52.1	62.7	49.5	193.	04.00	54.0	65.8	49.7
122.	22.05	52.0	61.4	49.4	158.	01.05	51.4	67.7	49.4	194.	04.05	61.2	72.5	52.0
123.	22.10	52.2	58.3	49.6	159.	01.10	52.1	59.6	49.5	195.	04.10	67.2	76.2	57.3
124.	22.15	52.6	61.4	49.5	160.	01.15	52.3	61.8	49.2	196.	04.15	63.4	77.8	56.6
125.	22.20	52.5	63.4	49.5	161.	01.20	53.8	68.4	49.7	197.	04.20	65.3	75.7	55.8
126.	22.25	52.4	64.9	49.4	162.	01.25	52.0	64.5	49.2	198.	04.25	53.8	62.6	50.9
127.	22.30	53.0	63.4	50.0	163.	01.30	54.8	69.2	50.3	199.	04.30	53.0	57.5	50.3
128.	22.35	52.5	62.3	49.2	164.	01.35	53.5	69.6	50.0	200.	04.35	53.5	60.9	50.5
129.	22.40	51.1	56.9	49.3	165.	01.40	52.2	64.6	49.4	201.	04.40	54.8	64.8	50.5
130.	22.45	52.0	58.8	49.9	166.	01.45	63.8	86.0	50.1	202.	04.45	52.8	59.2	50.1
131.	22.50	52.8	70.2	50.1	167.	01.50	51.6	64.5	49.1	203.	04.50	54.2	73.8	50.7
132.	22.55	52.3	66.0	49.9	168.	01.55	51.9	67.5	49.2	204.	04.55	53.5	61.0	51.1
133.	23.00	52.1	61.0	49.7	169.	02.00	52.5	60.9	49.4	205.	05.00	52.9	60.8	51.0
134.	23.05	52.3	70.6	48.4	170.	02.05	53.5	66.0	49.5	206.	05.05	52.9	61.6	50.2
135.	23.10	51.7	58.3	49.2	171.	02.10	53.7	68.8	48.4	207.	05.10	52.9	61.8	50.3
136.	23.15	52.6	62.3	50.3	172.	02.15	53.3	70.7	49.1	208.	05.15	52.4	63.0	49.9
137.	23.20	51.6	59.0	49.4	173.	02.20	51.9	59.7	49.5	209.	05.20	53.5	64.5	50.1
138.	23.25	51.3	66.6	48.9	174.	02.25	52.2	59.5	50.1	210.	05.25	52.2	60.6	49.5
139.	23.30	52.1	65.8	49.5	175.	02.30	52.0	59.8	49.2	211.	05.30	52.6	58.3	50.4
140.	23.35	53.0	70.3	49.4	176.	02.35	53.1	73.0	48.8	212.	05.35	52.9	63.0	49.8
141.	23.40	54.7	73.3	49.2	177.	02.40	51.9	68.4	49.3	213.	05.40	52.0	57.8	49.9
142.	23.45	52.3	70.2	49.4	178.	02.45	55.3	65.9	50.1	214.	05.45	52.4	64.8	49.5
143.	23.50	52.8	71.9	49.5	179.	02.50	51.4	54.5	50.2	215.	05.50	52.1	60.5	49.5
144.	23.55	52.5	71.9	49.7	180.	02.55	52.2	55.9	50.2	216.	05.55	50.8	60.6	48.7

**TET**

Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(32/3-3)

รวมรั้วโครงการด้านทิศใต้														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		09-10/12/22					09-10/12/22					09-10/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
217.	06.00	51.5	60.3	48.8	241.	08.00	53.9	63.2	50.8	265.	10.00	62.8	70.0	57.2
218.	06.05	52.6	59.3	49.9	242.	08.05	51.7	59.8	49.6	266.	10.05	63.7	91.9	55.8
219.	06.10	52.2	60.3	49.9	243.	08.10	51.8	66.8	49.4	267.	10.10	67.5	79.0	59.6
220.	06.15	52.7	70.1	49.7	244.	08.15	53.2	59.0	51.4	268.	10.15	65.9	80.1	64.1
221.	06.20	52.0	60.5	49.4	245.	08.20	52.3	64.3	50.4	269.	10.20	63.5	86.0	53.4
222.	06.25	52.6	66.0	49.8	246.	08.25	53.0	67.5	49.7	270.	10.25	57.0	73.0	52.6
223.	06.30	53.7	71.3	50.7	247.	08.30	52.1	63.4	48.5	271.	10.30	56.8	66.5	52.6
224.	06.35	53.0	65.6	50.5	248.	08.35	51.7	57.8	49.2	272.	10.35	62.5	71.3	54.7
225.	06.40	53.5	67.4	50.9	249.	08.40	53.4	61.5	49.7	273.	10.40	60.7	72.5	53.8
226.	06.45	52.7	61.0	50.4	250.	08.45	53.5	60.3	50.7	274.	10.45	58.0	60.4	57.3
227.	06.50	53.9	71.6	50.7	251.	08.50	52.4	65.8	50.4	275.	10.50	58.2	59.7	57.5
228.	06.55	53.2	60.9	50.9	252.	08.55	55.1	71.3	51.0	276.	10.55	58.8	64.4	57.7
229.	07.00	51.6	61.7	49.4	253.	09.00	58.5	66.8	53.4	277.	11.00	58.6	64.6	57.6
230.	07.05	52.5	68.6	49.8	254.	09.05	59.0	68.0	54.3	278.	11.05	58.5	65.6	57.6
231.	07.10	54.5	79.3	49.4	255.	09.10	58.9	65.0	55.6	279.	11.10	58.3	62.7	57.5
232.	07.15	52.9	66.5	49.7	256.	09.15	57.4	68.6	49.8	280.	11.15	58.0	60.4	57.4
233.	07.20	57.3	77.3	50.5	257.	09.20	61.3	72.8	54.8	281.	11.20	58.2	62.8	57.4
234.	07.25	53.0	62.0	49.9	258.	09.25	66.1	85.5	59.8	282.	11.25	58.3	64.4	57.4
235.	07.30	54.0	61.2	50.7	259.	09.30	55.0	77.4	52.1	283.	11.30	58.0	60.6	57.4
236.	07.35	54.9	61.5	51.6	260.	09.35	59.0	70.9	52.3	284.	11.35	57.8	60.7	57.1
237.	07.40	57.0	76.3	52.0	261.	09.40	60.6	76.8	55.9	285.	11.40	57.8	61.9	57.1
238.	07.45	54.4	65.4	50.5	262.	09.45	59.6	69.5	54.9	286.	11.45	55.8	63.5	52.5
239.	07.50	54.6	68.8	50.2	263.	09.50	61.4	71.9	55.1	287.	11.50	54.6	59.4	53.6
240.	07.55	53.3	76.3	50.3	264.	09.55	61.0	69.9	55.5	288.	11.55	54.2	59.1	53.1

Wannasiri S.

Wannasiri Suriyawong

*Somchai P.*Somchai Piyavorasakul
General Manager



Thai Environmental Technic Limited

บริษัท เทคนิควิเสณสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ตะวันแดง 1999 จำกัด

Report No. : 3581/2022/33-42

Project : โครงการโรงงานผลิตแอลกอฮอล์และสุรา (ส่วนขยาย ครั้งที่ 1)
(ระยะดำเนินการ)

Report Date : December 19, 2022

Sampling Date : December 6-13, 2022

Address : เลขที่ 88 หมู่ที่ 15 บ้านเขาน้อย ตำบลหนองแซง
อำเภอหันคา จังหวัดชัยนาท

Type of Sample : Sound Level

Job No. : S650153/Dec

(33/1-3)

วิธีวัดโครงการด้านทิศใต้														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		10-11/12/22					10-11/12/22					10-11/12/22		
		Leq	Lmax	L90			Leq	Lmax	L90			Leq	Lmax	L90
1.	12.00	54.8	59.5	53.7	37.	15.00	52.1	66.8	48.4	73.	18.00	51.2	55.9	48.6
2.	12.05	54.2	57.8	53.4	38.	15.05	52.9	66.2	49.2	74.	18.05	52.5	58.5	49.1
3.	12.10	54.4	61.2	53.5	39.	15.10	53.7	71.0	49.7	75.	18.10	52.3	60.3	48.9
4.	12.15	54.4	63.1	53.5	40.	15.15	53.7	68.9	49.3	76.	18.15	51.9	58.6	49.2
5.	12.20	54.4	57.9	53.6	41.	15.20	53.2	63.5	49.3	77.	18.20	52.0	61.2	49.0
6.	12.25	54.7	59.9	53.8	42.	15.25	53.6	69.3	49.8	78.	18.25	51.7	58.7	49.1
7.	12.30	55.0	63.3	53.7	43.	15.30	53.0	61.3	50.3	79.	18.30	52.9	62.5	50.2
8.	12.35	55.8	69.4	53.7	44.	15.35	54.2	64.8	49.5	80.	18.35	52.5	64.5	49.2
9.	12.40	54.7	60.4	53.7	45.	15.40	53.8	62.8	49.9	81.	18.40	51.6	60.0	47.9
10.	12.45	54.6	60.4	53.6	46.	15.45	54.2	67.5	50.1	82.	18.45	52.7	61.9	49.8
11.	12.50	54.6	58.2	53.5	47.	15.50	53.5	66.7	50.4	83.	18.50	52.9	60.6	49.3
12.	12.55	53.4	57.9	51.0	48.	15.55	53.9	68.4	50.6	84.	18.55	53.3	63.3	50.7
13.	13.00	53.1	66.1	51.2	49.	16.00	53.2	62.9	50.2	85.	19.00	53.3	71.8	50.0
14.	13.05	53.0	57.7	51.6	50.	16.05	54.2	69.3	50.2	86.	19.05	53.3	62.1	50.6
15.	13.10	52.8	63.0	51.1	51.	16.10	53.9	69.2	49.3	87.	19.10	52.1	57.8	49.8
16.	13.15	52.0	57.5	50.6	52.	16.15	53.1	63.0	50.0	88.	19.15	51.8	61.6	49.1
17.	13.20	52.7	60.1	50.6	53.	16.20	53.7	68.1	50.1	89.	19.20	52.7	62.0	48.9
18.	13.25	52.1	57.1	50.6	54.	16.25	54.3	69.5	49.0	90.	19.25	52.7	69.5	48.8
19.	13.30	52.0	57.1	49.9	55.	16.30	52.6	62.3	49.5	91.	19.30	52.9	62.2	49.5
20.	13.35	52.0	59.9	48.9	56.	16.35	53.5	66.1	49.1	92.	19.35	53.2	63.3	50.1
21.	13.40	50.5	58.7	48.0	57.	16.40	52.1	61.3	49.0	93.	19.40	52.0	57.5	49.4
22.	13.45	50.7	66.9	47.0	58.	16.45	51.8	60.3	48.9	94.	19.45	51.4	60.1	48.3
23.	13.50	51.3	62.2	47.7	59.	16.50	51.7	58.6	49.2	95.	19.50	59.6	80.0	49.7
24.	13.55	52.1	67.1	47.9	60.	16.55	52.0	60.6	49.2	96.	19.55	51.4	56.1	48.3
25.	14.00	50.9	60.4	47.6	61.	17.00	51.7	60.5	48.5	97.	20.00	52.8	58.3	50.9
26.	14.05	51.0	57.6	47.9	62.	17.05	52.5	51.5	49.2	98.	20.05	51.7	59.0	49.7
27.	14.10	51.9	59.7	48.7	63.	17.10	51.7	58.8	49.2	99.	20.10	52.9	57.4	50.7
28.	14.15	50.7	60.0	47.7	64.	17.15	51.9	59.3	49.1	100.	20.15	53.1	57.7	50.4
29.	14.20	49.9	56.7	46.2	65.	17.20	51.6	63.3	47.6	101.	20.20	52.7	57.1	49.3
30.	14.25	51.7	61.9	46.8	66.	17.25	51.8	60.3	49.0	102.	20.25	53.1	58.2	49.3
31.	14.30	50.7	59.9	47.7	67.	17.30	52.7	67.1	48.8	103.	20.30	54.3	61.9	51.0
32.	14.35	52.1	64.3	48.2	68.	17.35	51.5	63.4	47.7	104.	20.35	52.7	57.2	49.5
33.	14.40	52.4	66.3	47.9	69.	17.40	52.1	63.6	48.4	105.	20.40	54.3	57.8	51.8
34.	14.45	52.5	60.7	48.4	70.	17.45	51.4	57.2	48.4	106.	20.45	54.8	64.7	51.8
35.	14.50	51.5	60.5	48.1	71.	17.50	51.8	63.3	48.5	107.	20.50	53.4	63.5	51.0
36.	14.55	54.1	70.3	49.0	72.	17.55	51.1	62.6	47.7	108.	20.55	50.9	53.9	48.8

**TET**

Thai Environmental Technic Limited

บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(33/2-3)

วิธีวัดโครงการด้านทิศใต้														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		10-11/12/22					10-11/12/22					10-11/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
109.	21.00	52.3	56.4	49.3	145.	00.00	52.0	56.2	50.6	181.	03.00	51.7	55.8	49.7
110.	21.05	51.4	56.4	49.2	146.	00.05	51.9	57.9	48.8	182.	03.05	51.5	57.4	49.5
111.	21.10	54.3	63.7	50.9	147.	00.10	52.3	55.9	50.2	183.	03.10	51.3	56.3	49.3
112.	21.15	54.3	65.6	49.4	148.	00.15	52.8	56.5	50.7	184.	03.15	51.8	63.2	48.6
113.	21.20	53.8	57.9	51.1	149.	00.20	53.8	59.6	50.6	185.	03.20	53.5	62.2	49.9
114.	21.25	53.1	55.9	51.2	150.	00.25	53.0	56.6	51.0	186.	03.25	62.5	85.9	49.7
115.	21.30	54.3	57.6	52.2	151.	00.30	54.6	63.4	50.7	187.	03.30	53.3	68.9	49.2
116.	21.35	51.9	56.7	49.0	152.	00.35	52.9	61.9	50.2	188.	03.35	53.3	61.3	50.9
117.	21.40	52.8	57.3	50.5	153.	00.40	51.5	55.9	49.7	189.	03.40	51.2	53.5	49.5
118.	21.45	52.8	57.4	50.0	154.	00.45	52.4	56.8	50.3	190.	03.45	51.4	54.5	49.2
119.	21.50	53.3	60.3	50.6	155.	00.50	53.7	62.9	49.0	191.	03.50	50.7	54.6	48.8
120.	21.55	50.9	58.9	47.5	156.	00.55	50.7	54.9	49.0	192.	03.55	49.4	55.6	47.0
121.	22.00	50.8	56.1	48.1	157.	01.00	51.3	55.0	49.2	193.	04.00	51.0	60.7	48.0
122.	22.05	51.1	55.9	49.6	158.	01.05	52.6	59.4	49.7	194.	04.05	50.9	54.6	49.2
123.	22.10	51.6	54.4	50.0	159.	01.10	51.3	54.2	49.6	195.	04.10	54.2	70.6	47.5
124.	22.15	53.2	57.5	50.5	160.	01.15	50.9	57.6	48.6	196.	04.15	52.3	56.2	50.3
125.	22.20	52.4	57.4	49.2	161.	01.20	52.9	57.3	50.5	197.	04.20	53.4	63.0	50.5
126.	22.25	52.5	57.3	49.6	162.	01.25	53.1	58.7	50.4	198.	04.25	51.5	63.6	46.4
127.	22.30	51.6	57.4	48.9	163.	01.30	52.5	58.8	50.7	199.	04.30	51.9	57.4	45.9
128.	22.35	53.6	58.7	50.7	164.	01.35	52.6	58.3	48.5	200.	04.35	53.5	62.9	50.8
129.	22.40	51.6	56.9	49.7	165.	01.40	51.4	56.2	48.7	201.	04.40	51.5	55.2	48.9
130.	22.45	49.2	52.7	46.7	166.	01.45	53.3	58.3	50.6	202.	04.45	51.5	56.7	49.1
131.	22.50	52.0	61.1	48.3	167.	01.50	52.1	57.6	48.6	203.	04.50	54.3	73.2	49.6
132.	22.55	50.9	55.1	48.1	168.	01.55	53.1	60.2	50.6	204.	04.55	51.4	58.2	48.5
133.	23.00	52.3	57.1	50.1	169.	02.00	54.6	64.6	49.7	205.	05.00	52.4	58.1	49.3
134.	23.05	53.6	61.0	51.4	170.	02.05	51.7	58.4	48.9	206.	05.05	53.3	62.9	49.9
135.	23.10	53.6	58.0	51.1	171.	02.10	51.9	54.9	50.7	207.	05.10	53.4	63.5	50.4
136.	23.15	52.6	56.0	49.6	172.	02.15	52.7	59.8	49.7	208.	05.15	51.7	63.4	49.0
137.	23.20	51.8	56.6	48.6	173.	02.20	54.0	65.7	48.9	209.	05.20	50.3	60.6	47.2
138.	23.25	52.9	58.5	50.2	174.	02.25	53.5	63.6	51.0	210.	05.25	51.6	61.1	49.1
139.	23.30	51.9	55.4	49.6	175.	02.30	50.5	54.7	48.6	211.	05.30	52.7	57.6	50.1
140.	23.35	52.8	58.5	50.2	176.	02.35	52.0	59.3	49.6	212.	05.35	51.7	60.3	49.0
141.	23.40	52.8	60.2	50.4	177.	02.40	52.1	56.7	49.2	213.	05.40	53.1	70.1	49.7
142.	23.45	52.3	55.8	50.1	178.	02.45	53.6	60.0	50.1	214.	05.45	51.7	55.7	49.3
143.	23.50	51.2	59.9	47.8	179.	02.50	53.5	59.5	51.7	215.	05.50	50.9	57.5	48.7
144.	23.55	51.3	57.9	48.7	180.	02.55	53.5	59.5	51.7	216.	05.55	52.7	59.2	49.5



Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(33/3-3)

วิธีวัดโครงการด้านทิศใต้														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		10-11/12/22					10-11/12/22					10-11/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
217.	06.00	53.2	64.4	49.6	241.	08.00	50.7	53.9	49.7	265.	10.00	51.1	58.4	49.3
218.	06.05	51.0	61.8	47.8	242.	08.05	51.3	55.3	49.7	266.	10.05	50.6	57.1	49.2
219.	06.10	51.5	56.5	48.8	243.	08.10	51.8	61.4	50.0	267.	10.10	50.2	52.8	49.2
220.	06.15	53.7	62.4	50.6	244.	08.15	51.2	53.0	49.7	268.	10.15	51.1	54.6	49.5
221.	06.20	52.7	56.4	50.2	245.	08.20	50.8	54.4	49.5	269.	10.20	50.9	55.4	49.6
222.	06.25	51.6	55.8	49.9	246.	08.25	51.4	57.3	49.8	270.	10.25	53.5	58.1	50.7
223.	06.30	52.6	59.1	50.2	247.	08.30	50.6	52.8	49.8	271.	10.30	51.9	55.5	50.6
224.	06.35	51.7	57.3	48.9	248.	08.35	50.4	52.8	49.5	272.	10.35	51.7	58.1	49.9
225.	06.40	49.3	51.3	48.5	249.	08.40	50.7	54.1	49.5	273.	10.40	50.6	52.0	49.8
226.	06.45	50.3	56.9	48.8	250.	08.45	51.0	54.8	49.7	274.	10.45	51.5	56.3	50.3
227.	06.50	50.1	54.4	48.7	251.	08.50	51.2	53.9	50.0	275.	10.50	51.5	54.7	50.4
228.	06.55	49.1	56.8	46.9	252.	08.55	51.6	57.6	50.0	276.	10.55	51.7	56.5	50.5
229.	07.00	49.8	51.6	48.6	253.	09.00	50.9	55.4	49.9	277.	11.00	52.2	59.5	50.7
230.	07.05	49.4	52.0	48.3	254.	09.05	50.7	53.6	49.5	278.	11.05	50.9	52.4	49.9
231.	07.10	51.1	54.0	49.0	255.	09.10	50.6	53.5	49.6	279.	11.10	50.9	56.5	49.7
232.	07.15	51.4	56.6	49.7	256.	09.15	50.8	54.5	49.3	280.	11.15	51.1	54.4	50.1
233.	07.20	49.8	55.7	48.6	257.	09.20	50.5	53.3	49.3	281.	11.20	51.3	54.7	50.2
234.	07.25	50.5	53.8	49.3	258.	09.25	50.4	52.5	49.5	282.	11.25	51.8	57.9	50.5
235.	07.30	50.6	53.6	49.5	259.	09.30	50.9	53.2	49.5	283.	11.30	51.4	54.8	48.7
236.	07.35	50.9	53.2	49.7	260.	09.35	51.3	55.3	49.7	284.	11.35	50.9	53.2	49.9
237.	07.40	52.7	57.3	50.3	261.	09.40	52.6	58.6	49.9	285.	11.40	52.6	64.3	49.6
238.	07.45	51.5	54.6	50.0	262.	09.45	50.3	54.1	49.3	286.	11.45	51.3	56.6	49.8
239.	07.50	50.8	54.7	49.6	263.	09.50	50.5	54.2	49.0	287.	11.50	51.3	55.1	50.0
240.	07.55	50.7	53.3	49.5	264.	09.55	51.1	57.2	49.0	288.	11.55	51.3	55.9	49.7

Wannasiri S.
Wannasiri Suriyawong



Somchai P.
Somchai Piyavorasakul
General Manager



Thai Environmental Technic Limited

บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ตะวันแดง 1999 จำกัด

Report No. : 3581/2022/34-42

Project : โครงการโรงงานผลิตแอลกอฮอล์และสุรา (ส่วนขยาย ครั้งที่ 1)
(ระยะดำเนินการ)

Report Date : December 19, 2022

Sampling Date : December 6-13, 2022

Address : เลขที่ 88 หมู่ที่ 15 บ้านเจ้าน้อย ตำบลหนองแซง
อำเภอหันคา จังหวัดชัยนาท

Type of Sample : Sound Level

Job No. : S650153/Dec

(34/1-3)

วิธีวัดโครงการด้านทิศใต้														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		11-12/12/22					11-12/12/22					11-12/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
1.	12.00	51.4	54.5	50.1	37.	15.00	50.8	55.1	47.5	73.	18.00	50.0	53.8	48.0
2.	12.05	50.4	53.5	49.3	38.	15.05	51.8	56.0	49.1	74.	18.05	51.8	55.4	50.1
3.	12.10	52.2	61.7	50.2	39.	15.10	51.4	56.1	48.5	75.	18.10	51.1	54.2	49.0
4.	12.15	51.2	53.6	49.8	40.	15.15	50.2	53.2	48.7	76.	18.15	52.5	62.1	49.3
5.	12.20	51.3	53.3	49.6	41.	15.20	51.6	55.2	49.7	77.	18.20	50.9	55.9	49.4
6.	12.25	50.7	52.4	49.9	42.	15.25	50.9	55.2	48.5	78.	18.25	51.3	53.9	49.7
7.	12.30	52.2	55.7	49.9	43.	15.30	53.0	57.8	50.4	79.	18.30	51.8	55.0	49.3
8.	12.35	51.7	50.1	49.9	44.	15.35	53.2	63.8	49.2	80.	18.35	53.3	64.1	49.8
9.	12.40	51.6	55.5	50.4	45.	15.40	52.0	58.1	49.1	81.	18.40	51.1	55.2	49.3
10.	12.45	51.3	54.4	50.0	46.	15.45	50.8	54.0	49.1	82.	18.45	52.2	56.1	50.4
11.	12.50	49.9	56.4	48.3	47.	15.50	52.7	60.5	49.4	83.	18.50	51.3	60.3	48.9
12.	12.55	48.0	52.2	46.6	48.	15.55	50.9	57.4	47.4	84.	18.55	50.0	54.8	47.8
13.	13.00	52.3	62.0	47.5	49.	16.00	51.6	58.5	48.8	85.	19.00	51.2	56.9	48.3
14.	13.05	49.0	51.2	47.2	50.	16.05	49.7	56.3	47.6	86.	19.05	50.5	55.0	49.2
15.	13.10	49.7	57.3	46.9	51.	16.10	51.4	56.0	47.8	87.	19.10	50.8	56.0	48.4
16.	13.15	48.4	51.0	46.9	52.	16.15	52.3	60.8	47.8	88.	19.15	50.8	56.4	48.7
17.	13.20	50.2	57.1	47.3	53.	16.20	51.5	62.1	47.9	89.	19.20	51.9	56.5	49.6
18.	13.25	49.1	53.6	46.3	54.	16.25	50.7	59.6	47.9	90.	19.25	51.1	55.2	49.2
19.	13.30	49.2	52.3	46.8	55.	16.30	51.9	59.9	48.9	91.	19.30	50.6	54.0	48.9
20.	13.35	51.8	61.7	46.5	56.	16.35	51.1	54.5	48.9	92.	19.35	51.3	56.5	48.9
21.	13.40	48.0	51.1	46.6	57.	16.40	53.5	63.6	49.9	93.	19.40	52.9	60.6	50.0
22.	13.45	49.3	53.3	47.4	58.	16.45	52.0	55.4	49.9	94.	19.45	50.6	55.4	48.9
23.	13.50	49.9	55.0	46.9	59.	16.50	51.0	55.1	49.2	95.	19.50	51.3	57.0	49.3
24.	13.55	47.9	49.8	46.8	60.	16.55	52.9	62.4	49.4	96.	19.55	50.7	55.0	49.0
25.	14.00	49.4	54.3	46.7	61.	17.00	51.9	55.6	49.2	97.	20.00	54.9	61.2	51.3
26.	14.05	51.3	59.3	48.8	62.	17.05	51.5	61.6	49.4	98.	20.05	51.8	58.8	48.9
27.	14.10	51.5	60.1	48.7	63.	17.10	50.7	57.3	48.0	99.	20.10	51.2	61.8	48.2
28.	14.15	52.4	60.2	48.4	64.	17.15	50.9	57.6	48.4	100.	20.15	52.6	64.4	50.3
29.	14.20	49.5	54.5	47.6	65.	17.20	51.0	56.7	48.4	101.	20.20	51.3	61.2	48.7
30.	14.25	51.8	62.4	48.7	66.	17.25	51.2	63.3	47.3	102.	20.25	52.2	63.6	48.8
31.	14.30	53.0	61.8	50.1	67.	17.30	51.6	57.1	47.9	103.	20.30	65.6	71.2	49.7
32.	14.35	51.4	57.3	46.6	68.	17.35	52.5	61.6	50.1	104.	20.35	64.7	82.2	49.1
33.	14.40	51.6	59.4	48.6	69.	17.40	50.1	54.7	47.2	105.	20.40	59.0	78.3	46.2
34.	14.45	51.0	54.8	49.2	70.	17.45	50.9	58.8	48.1	106.	20.45	51.5	62.5	48.6
35.	14.50	50.6	57.0	46.6	71.	17.50	50.8	62.6	47.3	107.	20.50	51.3	56.4	48.3
36.	14.55	51.5	54.9	49.7	72.	17.55	51.6	58.4	49.1	108.	20.55	50.5	54.6	46.8



Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(34/2-3)

วิธีวัดโครงการด้านทิศใต้														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		11-12/12/22					11-12/12/22					11-12/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
109.	21.00	51.4	56.4	49.5	145.	00.00	50.0	53.3	48.4	181.	03.00	49.3	52.0	47.7
110.	21.05	50.9	56.8	48.4	146.	00.05	52.9	62.7	50.0	182.	03.05	50.8	55.2	48.9
111.	21.10	50.4	57.9	47.9	147.	00.10	50.2	53.3	48.8	183.	03.10	49.4	52.1	47.9
112.	21.15	51.5	60.8	48.3	148.	00.15	50.5	54.7	48.5	184.	03.15	50.0	53.9	48.2
113.	21.20	49.8	58.8	48.0	149.	00.20	50.9	59.0	47.8	185.	03.20	50.8	54.1	49.2
114.	21.25	49.0	54.9	46.6	150.	00.25	54.6	64.1	50.2	186.	03.25	49.8	54.1	48.4
115.	21.30	50.7	56.4	48.8	151.	00.30	50.9	54.7	48.7	187.	03.30	49.7	53.8	47.9
116.	21.35	51.8	56.4	50.6	152.	00.35	50.4	54.6	48.7	188.	03.35	49.5	54.1	47.8
117.	21.40	52.0	58.5	50.6	153.	00.40	50.2	53.6	47.8	189.	03.40	51.1	54.6	49.4
118.	21.45	50.9	56.9	48.8	154.	00.45	51.0	54.8	48.3	190.	03.45	50.6	53.4	48.9
119.	21.50	55.5	64.4	49.2	155.	00.50	51.7	55.9	49.3	191.	03.50	50.6	56.3	48.1
120.	21.55	51.8	56.4	49.8	156.	00.55	50.5	55.4	48.7	192.	03.55	50.0	57.2	47.8
121.	22.00	51.9	62.6	49.5	157.	01.00	49.7	53.2	48.4	193.	04.00	49.8	56.8	47.6
122.	22.05	51.3	68.5	48.0	158.	01.05	50.3	53.8	48.6	194.	04.05	50.2	57.2	47.9
123.	22.10	50.5	57.9	47.0	159.	01.10	50.9	55.7	49.2	195.	04.10	51.5	61.4	48.4
124.	22.15	50.4	58.4	48.7	160.	01.15	51.0	56.9	48.8	196.	04.15	53.4	67.2	49.2
125.	22.20	51.3	57.5	49.7	161.	01.20	50.7	53.5	49.0	197.	04.20	51.8	66.0	49.0
126.	22.25	50.5	60.4	48.1	162.	01.25	51.8	61.0	48.4	198.	04.25	53.3	60.1	51.0
127.	22.30	51.0	55.0	48.8	163.	01.30	50.1	57.5	48.6	199.	04.30	52.7	58.4	50.9
128.	22.35	50.3	57.1	48.1	164.	01.35	48.7	53.2	46.7	200.	04.35	52.8	59.2	51.1
129.	22.40	51.2	56.6	49.6	165.	01.40	50.4	55.9	48.2	201.	04.40	54.4	64.4	51.6
130.	22.45	51.5	57.7	49.2	166.	01.45	48.7	51.0	47.4	202.	04.45	56.2	68.9	51.4
131.	22.50	50.4	56.2	48.8	167.	01.50	49.7	53.5	47.7	203.	04.50	56.7	70.8	51.6
132.	22.55	51.3	53.4	49.5	168.	01.55	50.5	54.6	48.3	204.	04.55	57.0	67.9	51.9
133.	23.00	51.2	59.6	49.6	169.	02.00	49.3	52.8	48.2	205.	05.00	53.8	61.2	51.3
134.	23.05	51.2	55.7	49.0	170.	02.05	49.0	52.2	47.3	206.	05.05	57.6	70.2	52.1
135.	23.10	50.7	54.2	49.0	171.	02.10	50.6	55.3	47.9	207.	05.10	55.7	66.1	51.6
136.	23.15	50.7	53.9	48.6	172.	02.15	49.9	52.8	48.2	208.	05.15	54.7	63.1	51.9
137.	23.20	50.3	54.1	49.2	173.	02.20	50.3	54.4	48.6	209.	05.20	54.9	63.3	52.2
138.	23.25	50.8	55.7	48.5	174.	02.25	52.1	62.5	49.1	210.	05.25	55.8	67.7	52.3
139.	23.30	50.3	54.2	48.4	175.	02.30	50.7	55.6	48.1	211.	05.30	60.8	77.1	51.9
140.	23.35	50.6	58.4	48.9	176.	02.35	49.6	56.3	47.8	212.	05.35	58.7	74.3	51.6
141.	23.40	51.5	57.5	48.9	177.	02.40	49.5	56.6	47.7	213.	05.40	55.1	67.4	51.7
142.	23.45	50.3	54.9	48.7	178.	02.45	50.6	54.1	49.0	214.	05.45	61.0	76.1	52.3
143.	23.50	50.9	56.1	48.6	179.	02.50	49.7	56.3	48.3	215.	05.50	61.7	79.4	52.1
144.	23.55	51.0	61.8	49.1	180.	02.55	49.7	53.0	47.9	216.	05.55	54.5	68.5	47.7

**TET**

Thai Environmental Technic Limited

บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(34/3-3)

รวมรั้วโครงการด้านทิศใต้														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		11-12/12/22					11-12/12/22					11-12/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
217.	06.00	56.4	68.8	48.9	241.	08.00	52.5	57.5	51.3	265.	10.00	52.1	58.2	50.7
218.	06.05	58.5	78.2	49.9	242.	08.05	53.5	57.3	51.9	266.	10.05	52.0	55.6	50.5
219.	06.10	55.5	72.3	48.3	243.	08.10	52.5	55.6	51.6	267.	10.10	51.8	53.4	50.9
220.	06.15	53.7	64.8	50.2	244.	08.15	52.3	56.3	51.3	268.	10.15	52.2	55.8	50.8
221.	06.20	55.6	67.7	50.2	245.	08.20	53.1	58.8	51.7	269.	10.20	51.9	58.0	50.6
222.	06.25	56.0	75.3	49.6	246.	08.25	53.8	60.3	52.3	270.	10.25	52.2	55.1	51.2
223.	06.30	53.9	69.1	49.9	247.	08.30	53.6	57.5	51.8	271.	10.30	52.2	57.1	51.0
224.	06.35	54.8	68.7	49.7	248.	08.35	52.7	56.0	51.5	272.	10.35	53.0	63.4	50.9
225.	06.40	55.2	72.0	48.7	249.	08.40	51.8	55.1	50.5	273.	10.40	51.9	57.0	50.6
226.	06.45	52.1	64.1	48.8	250.	08.45	52.0	55.2	50.6	274.	10.45	51.9	55.3	50.6
227.	06.50	55.0	66.5	49.1	251.	08.50	52.3	56.2	50.7	275.	10.50	52.6	60.3	51.0
228.	06.55	54.1	72.1	49.0	252.	08.55	53.2	57.9	51.1	276.	10.55	52.0	53.6	50.8
229.	07.00	52.8	56.7	51.6	253.	09.00	53.0	57.1	51.1	277.	11.00	51.4	54.6	49.9
230.	07.05	53.5	58.7	52.4	254.	09.05	52.3	54.9	51.0	278.	11.05	52.9	62.9	50.2
231.	07.10	52.5	55.0	51.6	255.	09.10	52.0	54.2	51.0	279.	11.10	51.4	54.4	50.0
232.	07.15	52.0	53.1	51.3	256.	09.15	53.2	57.8	51.5	280.	11.15	52.2	57.6	49.0
233.	07.20	53.5	58.3	52.3	257.	09.20	52.0	54.6	50.9	281.	11.20	51.4	54.2	50.2
234.	07.25	56.3	66.5	52.6	258.	09.25	51.5	56.1	50.5	282.	11.25	50.3	53.5	49.2
235.	07.30	52.5	54.9	51.5	259.	09.30	52.9	60.0	50.6	283.	11.30	50.7	52.4	49.5
236.	07.35	53.3	56.2	51.9	260.	09.35	52.5	57.9	50.9	284.	11.35	51.9	59.1	50.0
237.	07.40	52.6	54.5	51.4	261.	09.40	52.4	55.3	50.7	285.	11.40	52.7	59.3	50.8
238.	07.45	52.9	61.0	51.4	262.	09.45	51.4	53.7	50.2	286.	11.45	52.7	59.4	50.6
239.	07.50	52.5	55.2	51.5	263.	09.50	51.5	53.9	50.6	287.	11.50	51.5	54.1	50.4
240.	07.55	52.3	55.0	51.4	264.	09.55	51.7	54.7	50.5	288.	11.55	52.3	56.3	50.9

Wannasiri S.

Wannasiri Suriyawong

*Somchai P.*Somchai Piyavorasakul
General Manager



Thai Environmental Technic Limited

บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ตะวันแดง 1999 จำกัด

Report No. : 3581/2022/35-42

Project : โครงการโรงงานผลิตแอลกอฮอล์และสุรา (ส่วนขยาย ครั้งที่ 1)
(ระยะดำเนินการ)

Report Date : December 19, 2022

Sampling Date : December 6-13, 2022

Address : เลขที่ 88 หมู่ที่ 15 บ้านเขาน้อย ตำบลหนองแขง
อำเภอหันคา จังหวัดชัยนาท

Type of Sample : Sound Level

Job No. : S650153/Dec

(35/1-3)

จิมรี่โครงการด้านทิศใต้														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		12-13/12/22					12-13/12/22					12-13/12/22		
		Leq	Lmax	L90			Leq	Lmax	L90			Leq	Lmax	L90
1.	12.00	52.3	55.3	50.5	37.	15.00	53.9	62.4	51.3	73.	18.00	51.3	56.7	49.5
2.	12.05	51.7	54.3	50.3	38.	15.05	57.3	74.7	50.2	74.	18.05	50.7	54.6	49.1
3.	12.10	51.5	55.0	50.2	39.	15.10	55.7	67.8	51.2	75.	18.10	50.0	53.8	48.9
4.	12.15	51.7	54.9	50.0	40.	15.15	57.1	74.5	50.4	76.	18.15	50.7	56.9	49.1
5.	12.20	50.7	52.0	50.0	41.	15.20	55.4	65.9	50.9	77.	18.20	48.4	58.0	46.7
6.	12.25	51.3	54.9	50.0	42.	15.25	54.8	69.9	48.0	78.	18.25	50.2	57.7	47.8
7.	12.30	51.7	53.8	50.6	43.	15.30	55.2	67.9	49.9	79.	18.30	50.3	53.6	48.5
8.	12.35	51.5	53.9	50.3	44.	15.35	53.4	67.3	49.2	80.	18.35	50.3	53.7	48.3
9.	12.40	52.0	56.3	50.9	45.	15.40	52.6	64.2	48.9	81.	18.40	51.1	63.2	48.3
10.	12.45	52.0	54.1	50.7	46.	15.45	54.3	68.4	48.7	82.	18.45	51.7	60.1	50.2
11.	12.50	50.9	52.8	49.9	47.	15.50	58.7	74.9	50.7	83.	18.50	52.0	62.2	49.3
12.	12.55	51.1	52.6	50.3	48.	15.55	53.5	66.7	49.8	84.	18.55	51.2	56.4	49.5
13.	13.00	51.5	53.6	50.1	49.	16.00	59.3	77.0	50.6	85.	19.00	50.6	59.0	48.9
14.	13.05	50.8	52.2	50.0	50.	16.05	54.3	64.2	51.6	86.	19.05	52.4	61.0	50.4
15.	13.10	51.3	55.4	49.8	51.	16.10	54.0	68.0	49.7	87.	19.10	53.6	60.2	51.3
16.	13.15	51.6	54.4	50.7	52.	16.15	53.2	65.9	49.9	88.	19.15	53.1	66.5	50.4
17.	13.20	51.5	53.6	50.3	53.	16.20	52.6	67.7	49.3	89.	19.20	52.6	62.1	49.7
18.	13.25	52.3	58.4	50.1	54.	16.25	53.6	68.9	48.8	90.	19.25	52.7	59.9	49.8
19.	13.30	52.8	57.9	50.3	55.	16.30	53.2	64.0	47.6	91.	19.30	52.5	60.5	50.0
20.	13.35	51.7	56.1	50.4	56.	16.35	60.8	77.9	50.0	92.	19.35	53.7	62.0	49.7
21.	13.40	50.5	51.9	49.8	57.	16.40	57.5	68.9	52.2	93.	19.40	53.7	71.4	49.6
22.	13.45	51.2	53.6	50.3	58.	16.45	54.9	66.8	49.3	94.	19.45	55.0	72.2	49.5
23.	13.50	51.2	53.1	50.1	59.	16.50	55.0	70.5	48.6	95.	19.50	53.3	69.5	49.6
24.	13.55	50.8	52.7	49.8	60.	16.55	52.0	61.4	47.9	96.	19.55	56.6	69.9	50.3
25.	14.00	54.0	66.4	49.0	61.	17.00	50.8	63.7	47.3	97.	20.00	56.6	71.8	49.5
26.	14.05	51.8	61.8	49.3	62.	17.05	56.4	71.7	48.7	98.	20.05	53.8	67.1	49.8
27.	14.10	51.0	55.5	49.3	63.	17.10	57.7	70.8	49.4	99.	20.10	53.8	61.0	51.2
28.	14.15	50.8	57.1	49.4	64.	17.15	54.7	65.2	48.8	100.	20.15	55.9	65.9	50.8
29.	14.20	52.4	58.1	50.0	65.	17.20	53.3	66.8	48.3	101.	20.20	58.3	75.7	49.6
30.	14.25	52.5	58.3	50.6	66.	17.25	53.2	67.5	48.7	102.	20.25	56.2	68.6	50.3
31.	14.30	52.7	61.9	50.6	67.	17.30	54.4	69.3	47.5	103.	20.30	59.4	73.5	49.8
32.	14.35	52.8	63.5	49.9	68.	17.35	51.0	61.9	48.0	104.	20.35	53.3	63.6	49.0
33.	14.40	56.5	77.2	49.7	69.	17.40	51.3	59.7	48.2	105.	20.40	53.2	67.9	48.3
34.	14.45	52.5	63.0	49.4	70.	17.45	51.5	62.7	49.2	106.	20.45	53.5	70.2	49.1
35.	14.50	52.7	62.0	49.8	71.	17.50	55.0	66.2	50.7	107.	20.50	53.0	67.0	49.3
36.	14.55	53.9	62.4	51.6	72.	17.55	51.2	62.0	49.3	108.	20.55	57.6	76.1	49.5

**TET**

Thai Environmental Technic Limited

บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(35/2-3)

รวมข้อมูลโครงการด้านทิศใต้														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		12-13/12/22					12-13/12/22					12-13/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
109.	21.00	58.7	74.5	49.6	145.	00.00	51.2	59.2	48.7	181.	03.00	65.5	71.8	60.1
110.	21.05	57.9	63.3	48.7	146.	00.05	53.8	67.0	48.8	182.	03.05	63.3	66.6	61.3
111.	21.10	58.0	71.4	49.0	147.	00.10	54.8	64.0	49.9	183.	03.10	62.2	65.7	60.7
112.	21.15	53.4	67.6	48.7	148.	00.15	54.5	64.5	49.8	184.	03.15	61.2	66.1	59.1
113.	21.20	53.7	63.9	50.3	149.	00.20	54.9	68.3	49.5	185.	03.20	58.8	62.7	57.4
114.	21.25	52.2	65.4	47.9	150.	00.25	53.9	67.4	49.0	186.	03.25	57.1	63.2	56.1
115.	21.30	54.2	70.3	48.7	151.	00.30	56.5	70.6	49.2	187.	03.30	57.7	63.4	56.4
116.	21.35	49.9	58.6	47.2	152.	00.35	55.8	68.0	49.9	188.	03.35	58.5	62.2	56.7
117.	21.40	52.5	69.1	47.5	153.	00.40	56.3	73.1	48.5	189.	03.40	62.7	68.2	59.1
118.	21.45	52.7	66.7	47.7	154.	00.45	52.8	65.1	48.8	190.	03.45	65.6	69.8	64.0
119.	21.50	54.5	69.2	58.0	155.	00.50	52.7	64.6	49.8	191.	03.50	65.6	68.9	63.1
120.	21.55	56.5	72.5	48.6	156.	00.55	53.4	61.9	50.2	192.	03.55	64.2	67.4	61.1
121.	22.00	54.8	72.5	48.8	157.	01.00	53.4	67.9	50.2	193.	04.00	62.5	66.9	59.8
122.	22.05	52.4	61.5	49.1	158.	01.05	53.4	64.5	50.3	194.	04.05	65.1	69.2	61.8
123.	22.10	53.8	67.3	49.4	159.	01.10	57.0	61.6	55.0	195.	04.10	62.3	65.4	60.3
124.	22.15	52.5	62.1	48.8	160.	01.15	59.3	63.1	57.8	196.	04.15	64.9	68.7	62.6
125.	22.20	50.4	59.4	48.2	161.	01.20	64.0	71.1	59.0	197.	04.20	61.0	65.6	58.5
126.	22.25	52.3	61.9	47.6	162.	01.25	65.9	71.2	62.0	198.	04.25	63.4	66.7	61.3
127.	22.30	54.3	68.6	49.2	163.	01.30	62.0	66.3	59.6	199.	04.30	61.5	64.4	59.6
128.	22.35	56.1	73.1	48.7	164.	01.35	60.2	64.9	58.7	200.	04.35	61.7	66.6	60.3
129.	22.40	55.1	66.5	48.9	165.	01.40	58.1	62.2	56.8	201.	04.40	60.4	63.8	58.1
130.	22.45	57.2	74.9	48.9	166.	01.45	58.8	63.0	57.1	202.	04.45	58.7	62.9	56.3
131.	22.50	50.1	62.7	48.0	167.	01.50	65.1	73.3	59.0	203.	04.50	60.7	65.4	58.4
132.	22.55	49.9	56.6	47.6	168.	01.55	62.8	67.3	59.4	204.	04.55	61.4	66.3	59.3
133.	23.00	54.6	65.2	48.7	169.	02.00	64.0	68.2	60.4	205.	05.00	58.9	62.7	57.2
134.	23.05	51.2	59.6	49.0	170.	02.05	65.5	69.0	63.9	206.	05.05	63.4	68.3	59.7
135.	23.10	51.7	61.1	48.4	171.	02.10	63.3	69.4	60.4	207.	05.10	66.4	71.0	63.4
136.	23.15	51.8	62.3	48.8	172.	02.15	59.4	63.3	57.4	208.	05.15	66.7	69.5	64.6
137.	23.20	51.9	64.2	48.6	173.	02.20	63.1	66.7	59.9	209.	05.20	66.3	68.7	65.3
138.	23.25	51.7	61.6	49.1	174.	02.25	57.3	61.2	54.7	210.	05.25	63.7	71.3	58.2
139.	23.30	53.1	68.4	49.1	175.	02.30	56.6	61.3	55.1	211.	05.30	59.3	62.5	58.0
140.	23.35	51.5	60.2	49.3	176.	02.35	54.9	58.2	53.3	212.	05.35	60.2	64.4	58.4
141.	23.40	51.9	63.0	48.5	177.	02.40	57.5	62.8	54.1	213.	05.40	63.5	68.8	59.5
142.	23.45	54.0	65.6	49.0	178.	02.45	57.0	60.5	55.2	214.	05.45	63.7	69.6	62.3
143.	23.50	51.5	59.3	48.8	179.	02.50	59.6	63.5	57.4	215.	05.50	64.0	67.1	62.4
144.	23.55	51.1	60.2	48.3	180.	02.55	61.8	65.3	60.0	216.	05.55	64.9	68.8	63.1

**TET**

Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(35/3-3)

ริมรั้วโครงการด้านทิศใต้														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		12-13/12/22					12-13/12/22					12-13/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
217.	06.00	65.8	68.5	63.6	241.	08.00	53.6	54.9	52.9	265.	10.00	52.9	54.3	52.1
218.	06.05	63.9	67.2	58.8	242.	08.05	53.7	55.8	53.0	266.	10.05	52.7	54.2	51.8
219.	06.10	56.5	62.4	54.9	243.	08.10	53.8	57.1	53.1	267.	10.10	52.9	54.4	52.0
220.	06.15	55.1	65.5	53.4	244.	08.15	53.9	56.1	53.1	268.	10.15	53.1	54.6	52.2
221.	06.20	53.7	60.1	52.9	245.	08.20	53.8	55.0	53.2	269.	10.20	53.0	54.3	52.0
222.	06.25	53.7	56.5	52.9	246.	08.25	53.7	56.7	53.0	270.	10.25	53.3	54.7	52.4
223.	06.30	53.6	57.2	52.9	247.	08.30	53.8	55.5	53.0	271.	10.30	53.2	54.6	52.3
224.	06.35	53.7	56.1	52.8	248.	08.35	53.7	54.9	53.0	272.	10.35	53.1	54.5	52.2
225.	06.40	53.8	59.7	53.1	249.	08.40	53.6	54.9	52.9	273.	10.40	52.9	54.4	52.0
226.	06.45	53.8	56.7	53.1	250.	08.45	53.6	60.9	52.8	274.	10.45	53.0	54.8	52.0
227.	06.50	53.8	62.1	53.0	251.	08.50	53.3	55.6	52.5	275.	10.50	53.0	54.4	52.1
228.	06.55	53.7	56.0	53.0	252.	08.55	53.2	54.5	52.5	276.	10.55	53.1	54.6	52.2
229.	07.00	53.7	57.3	52.9	253.	09.00	53.2	54.6	52.5	277.	11.00	53.4	54.8	52.5
230.	07.05	54.0	55.6	53.3	254.	09.05	53.2	54.5	52.5	278.	11.05	53.3	54.5	52.5
231.	07.10	53.9	57.0	53.2	255.	09.10	53.1	54.5	52.2	279.	11.10	52.8	54.3	51.9
232.	07.15	53.9	57.5	53.3	256.	09.15	53.0	54.4	52.1	280.	11.15	53.1	56.2	52.1
233.	07.20	55.0	66.5	53.3	257.	09.20	52.8	58.4	52.0	281.	11.20	52.9	54.3	52.0
234.	07.25	53.7	55.1	53.0	258.	09.25	52.8	54.6	51.9	282.	11.25	52.9	54.5	52.0
235.	07.30	54.0	61.1	53.0	259.	09.30	52.8	55.0	51.9	283.	11.30	53.0	54.5	52.0
236.	07.35	53.6	55.6	52.9	260.	09.35	52.7	54.3	51.9	284.	11.35	53.0	54.6	52.1
237.	07.40	53.7	55.9	52.9	261.	09.40	52.8	55.3	51.9	285.	11.40	53.0	56.9	52.1
238.	07.45	53.8	55.1	53.1	262.	09.45	52.9	55.3	52.0	286.	11.45	53.1	58.2	51.9
239.	07.50	53.8	55.1	53.2	263.	09.50	53.0	54.6	52.1	287.	11.50	53.2	62.2	52.0
240.	07.55	53.6	54.8	53.0	264.	09.55	53.1	54.6	52.2	288.	11.55	53.0	57.1	51.9

Wannasiri S.

Wannasiri Suriyawong

*Somchai P.*Somchai Piyavorasakul
General Manager



Thai Environmental Technic Limited

บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ตะวันแดง 1999 จำกัด

Report No. : 3581/2022/36-42

Project : โครงการโรงงานผลิตแอลกอฮอล์และสุรา (ส่วนขยาย ครั้งที่ 1)
(ระยะดำเนินการ)

Report Date : December 19, 2022

Sampling Date : December 6-13, 2022

Address : เลขที่ 88 หมู่ที่ 15 บ้านเขาน้อย ตำบลหนองแขง
อำเภอหันคา จังหวัดชัยนาท

Type of Sample : Sound Level

Job No. : S650153/Dec

(36/1-3)

วิธีวัดโครงการด้านตะวันตก														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		06-07/12/22					06-07/12/22					06-07/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
1.	12.00	54.4	62.6	53.5	37.	15.00	55.9	61.8	53.1	73.	18.00	54.8	60.6	54.1
2.	12.05	53.7	62.6	52.9	38.	15.05	56.3	58.8	55.3	74.	18.05	54.9	58.7	53.9
3.	12.10	55.2	60.8	53.3	39.	15.10	56.0	58.9	55.2	75.	18.10	54.8	60.9	53.9
4.	12.15	56.0	64.0	55.0	40.	15.15	57.5	70.3	54.8	76.	18.15	55.0	68.2	56.0
5.	12.20	56.6	64.1	54.9	41.	15.20	57.0	64.8	55.5	77.	18.20	54.7	60.2	54.1
6.	12.25	54.8	61.4	53.3	42.	15.25	56.0	59.1	54.9	78.	18.25	54.4	60.7	53.8
7.	12.30	54.9	60.5	53.9	43.	15.30	59.2	72.5	55.5	79.	18.30	54.6	61.9	53.9
8.	12.35	57.1	72.6	54.1	44.	15.35	58.5	69.7	55.8	80.	18.35	54.5	60.1	54.0
9.	12.40	54.4	59.8	53.4	45.	15.40	57.5	65.4	56.1	81.	18.40	54.6	57.3	54.0
10.	12.45	58.3	72.9	53.7	46.	15.45	58.6	70.7	55.8	82.	18.45	55.1	56.7	54.6
11.	12.50	57.7	71.5	53.2	47.	15.50	57.9	64.9	56.6	83.	18.50	54.9	58.7	54.3
12.	12.55	56.3	70.5	53.0	48.	15.55	58.1	69.8	55.7	84.	18.55	55.0	57.0	54.5
13.	13.00	54.3	62.1	53.4	49.	16.00	57.2	67.7	55.4	85.	19.00	55.1	61.3	54.5
14.	13.05	54.4	60.3	53.3	50.	16.05	56.6	66.5	55.6	86.	19.05	55.2	57.9	54.7
15.	13.10	54.2	60.0	53.3	51.	16.10	56.6	60.7	55.5	87.	19.10	55.2	58.2	54.5
16.	13.15	53.7	59.7	52.4	52.	16.15	56.9	61.1	56.0	88.	19.15	55.1	58.7	54.3
17.	13.20	54.9	58.7	53.9	53.	16.20	56.6	68.8	55.4	89.	19.20	55.2	58.2	54.6
18.	13.25	53.8	58.8	52.3	54.	16.25	56.4	65.8	55.5	90.	19.25	54.8	57.9	54.1
19.	13.30	54.3	62.5	53.4	55.	16.30	57.0	66.5	55.5	91.	19.30	55.5	58.0	55.0
20.	13.35	54.0	62.9	52.7	56.	16.35	55.7	61.9	57.8	92.	19.35	54.9	59.1	54.1
21.	13.40	54.5	59.0	53.5	57.	16.40	55.1	63.2	54.4	93.	19.40	55.4	58.5	54.6
22.	13.45	54.2	62.5	52.7	58.	16.45	54.7	62.5	54.1	94.	19.45	54.9	61.2	54.3
23.	13.50	54.8	62.7	53.2	59.	16.50	56.1	66.2	54.9	95.	19.50	55.6	63.0	54.9
24.	13.55	54.7	65.5	53.2	60.	16.55	56.0	63.8	54.6	96.	19.55	55.2	59.5	54.6
25.	14.00	54.1	59.4	52.9	61.	17.00	55.2	71.2	53.7	97.	20.00	56.7	65.4	54.7
26.	14.05	54.1	58.0	53.3	62.	17.05	54.6	61.5	53.7	98.	20.05	55.5	59.0	54.9
27.	14.10	54.0	62.3	52.9	63.	17.10	54.9	70.1	54.0	99.	20.10	55.8	58.8	55.3
28.	14.15	56.5	67.4	53.9	64.	17.15	55.1	68.1	54.0	100.	20.15	55.4	57.5	54.9
29.	14.20	56.7	61.0	55.7	65.	17.20	54.7	59.1	54.1	101.	20.20	55.4	58.5	54.7
30.	14.25	56.7	61.0	55.9	66.	17.25	55.2	62.3	54.5	102.	20.25	55.8	60.7	55.3
31.	14.30	56.0	60.7	55.2	67.	17.30	55.7	61.7	54.7	103.	20.30	56.0	60.5	55.3
32.	14.35	56.2	60.6	55.4	68.	17.35	54.9	63.4	54.1	104.	20.35	56.0	60.3	55.4
33.	14.40	56.1	59.7	54.8	69.	17.40	54.9	63.4	54.0	105.	20.40	55.9	61.2	55.3
34.	14.45	56.0	59.9	55.2	70.	17.45	54.7	58.7	54.1	106.	20.45	55.7	60.6	55.1
35.	14.50	55.7	58.4	54.5	71.	17.50	54.9	56.6	54.3	107.	20.50	55.4	60.9	54.9
36.	14.55	56.1	58.7	55.6	72.	17.55	54.8	60.5	54.1	108.	20.55	55.7	60.6	55.1

**TET**

Thai Environmental Technic Limited

บริษัท เทคนิกลิ่งแวดล้อมไทย จำกัด

(36/2-3)

ริมรั้วโครงการด้านตะวันตก														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		06-07/12/22					06-07/12/22					06-07/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
109.	21.00	55.2	60.8	54.6	145.	00.00	56.0	60.2	55.4	181.	03.00	55.7	59.5	55.1
110.	21.05	55.5	60.1	55.0	146.	00.05	55.9	61.3	55.2	182.	03.05	55.6	58.6	54.9
111.	21.10	55.4	59.8	54.8	147.	00.10	55.8	58.2	55.3	183.	03.10	57.2	74.1	55.1
112.	21.15	55.5	58.3	54.9	148.	00.15	55.4	60.9	54.7	184.	03.15	55.9	60.5	55.3
113.	21.20	54.9	60.2	54.3	149.	00.20	55.5	58.0	55.0	185.	03.20	55.7	59.0	55.1
114.	21.25	55.1	60.5	54.4	150.	00.25	55.2	60.1	54.6	186.	03.25	55.8	62.1	55.2
115.	21.30	54.9	59.9	53.7	151.	00.30	56.1	58.0	55.0	187.	03.30	55.8	60.9	55.2
116.	21.35	54.6	60.1	54.0	152.	00.35	55.7	59.1	54.8	188.	03.35	55.7	59.1	55.0
117.	21.40	54.8	59.6	54.2	153.	00.40	55.9	63.9	54.8	189.	03.40	55.6	58.7	54.8
118.	21.45	53.9	60.2	53.3	154.	00.45	55.8	61.1	54.9	190.	03.45	54.5	57.6	53.8
119.	21.50	53.9	59.2	53.3	155.	00.50	55.6	60.8	54.4	191.	03.50	55.3	59.1	54.8
120.	21.55	54.4	60.4	53.8	156.	00.55	55.9	63.8	55.0	192.	03.55	54.8	60.1	53.9
121.	22.00	54.4	55.8	53.9	157.	01.00	55.8	65.1	54.6	193.	04.00	55.5	60.4	54.1
122.	22.05	54.5	58.9	53.8	158.	01.05	56.1	64.0	55.1	194.	04.05	55.4	59.8	54.7
123.	22.10	55.2	59.6	53.9	159.	01.10	55.8	63.5	54.9	195.	04.10	55.0	58.8	54.3
124.	22.15	54.3	58.1	53.8	160.	01.15	55.8	62.4	54.9	196.	04.15	54.9	60.5	54.3
125.	22.20	54.3	59.6	53.8	161.	01.20	55.3	64.5	54.6	197.	04.20	55.3	63.8	54.1
126.	22.25	54.8	58.0	54.2	162.	01.25	55.2	62.6	54.5	198.	04.25	55.7	65.8	54.9
127.	22.30	55.1	57.8	54.5	163.	01.30	55.0	59.8	54.2	199.	04.30	55.6	64.9	54.5
128.	22.35	54.7	57.0	54.2	164.	01.35	55.2	61.8	54.5	200.	04.35	55.6	64.7	54.6
129.	22.40	54.9	58.1	54.3	165.	01.40	55.3	61.0	54.5	201.	04.40	59.7	78.5	54.7
130.	22.45	54.9	58.6	54.4	166.	01.45	55.3	61.2	54.8	202.	04.45	56.0	66.2	54.4
131.	22.50	54.7	57.0	54.2	167.	01.50	55.0	59.8	54.3	203.	04.50	54.3	58.1	53.5
132.	22.55	55.0	59.0	54.3	168.	01.55	55.3	59.0	54.7	204.	04.55	54.6	58.9	53.8
133.	23.00	55.3	60.3	54.4	169.	02.00	55.0	60.6	54.3	205.	05.00	54.5	62.2	53.6
134.	23.05	54.1	58.9	53.6	170.	02.05	55.2	60.3	54.4	206.	05.05	54.8	59.0	54.0
135.	23.10	54.7	57.4	54.1	171.	02.10	55.2	62.1	54.5	207.	05.10	54.7	58.6	54.0
136.	23.15	56.1	64.0	54.0	172.	02.15	55.4	61.9	54.4	208.	05.15	55.1	62.5	54.2
137.	23.20	55.1	62.3	54.4	173.	02.20	55.4	64.4	54.5	209.	05.20	54.9	65.6	53.9
138.	23.25	55.6	58.9	54.9	174.	02.25	55.2	60.3	54.4	210.	05.25	54.7	62.5	53.3
139.	23.30	55.8	58.4	55.2	175.	02.30	55.5	61.4	54.7	211.	05.30	54.4	61.2	53.1
140.	23.35	55.7	60.1	54.8	176.	02.35	55.3	62.1	54.6	212.	05.35	54.5	62.0	53.4
141.	23.40	55.8	58.1	55.3	177.	02.40	55.5	61.7	54.8	213.	05.40	54.5	56.7	53.8
142.	23.45	55.8	59.2	55.1	178.	02.45	55.5	60.0	54.6	214.	05.45	54.0	64.9	53.1
143.	23.50	55.8	60.5	55.0	179.	02.50	55.7	64.7	54.9	215.	05.50	53.9	58.2	53.1
144.	23.55	55.9	60.1	54.9	180.	02.55	56.8	64.2	54.3	216.	05.55	54.4	62.5	53.4



Thai Environmental Technic Limited
บริษัท เทคนิกลิ่งแวดล้อมไทย จำกัด

(36/3-3)

ริ้วโครงการด้านตะวันตก														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		06-07/12/22					06-07/12/22					06-07/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
217.	06.00	54.4	61.0	53.6	241.	08.00	56.0	58.6	55.3	265.	10.00	57.7	64.0	56.1
218.	06.05	54.5	64.6	53.6	242.	08.05	55.7	57.9	54.8	266.	10.05	57.0	65.9	56.1
219.	06.10	57.0	65.0	54.3	243.	08.10	55.7	63.0	54.8	267.	10.10	56.6	58.7	55.9
220.	06.15	54.6	61.3	53.8	244.	08.15	55.7	57.7	54.9	268.	10.15	56.7	60.8	55.5
221.	06.20	54.8	63.1	54.0	245.	08.20	56.7	73.3	55.1	269.	10.20	56.9	65.5	56.1
222.	06.25	55.0	60.8	54.4	246.	08.25	56.4	69.0	55.4	270.	10.25	56.7	61.6	55.5
223.	06.30	54.7	61.1	54.0	247.	08.30	56.2	59.1	55.4	271.	10.30	56.8	61.4	55.8
224.	06.35	55.0	61.1	54.0	248.	08.35	57.2	67.0	56.3	272.	10.35	57.2	62.3	56.3
225.	06.40	56.0	70.0	54.0	249.	08.40	56.8	59.6	55.9	273.	10.40	56.9	61.8	56.1
226.	06.45	55.2	59.8	54.5	250.	08.45	57.0	64.6	56.1	274.	10.45	57.2	62.0	56.4
227.	06.50	54.9	58.3	54.0	251.	08.50	57.4	67.6	56.1	275.	10.50	57.1	62.6	56.2
228.	06.55	55.4	57.5	54.7	252.	08.55	57.3	60.0	56.6	276.	10.55	57.0	62.0	56.1
229.	07.00	55.3	60.2	54.3	253.	09.00	57.7	73.5	56.5	277.	11.00	57.1	62.5	56.2
230.	07.05	56.4	63.1	54.4	254.	09.05	57.3	64.2	56.6	278.	11.05	57.2	62.2	56.2
231.	07.10	55.9	60.6	55.0	255.	09.10	56.8	61.4	55.8	279.	11.10	56.7	61.3	55.6
232.	07.15	55.8	59.3	54.9	256.	09.15	57.3	62.9	56.3	280.	11.15	57.1	59.1	56.3
233.	07.20	56.1	58.8	55.3	257.	09.20	57.2	59.8	56.3	281.	11.20	56.0	59.1	55.1
234.	07.25	55.9	59.2	55.2	258.	09.25	56.8	62.1	55.8	282.	11.25	56.7	59.9	55.9
235.	07.30	55.9	58.2	55.0	259.	09.30	56.4	62.0	55.3	283.	11.30	56.2	59.9	55.2
236.	07.35	56.3	59.0	55.4	260.	09.35	56.7	60.2	55.6	284.	11.35	57.0	61.8	56.1
237.	07.40	56.3	58.2	55.7	261.	09.40	57.3	64.1	56.6	285.	11.40	56.2	60.9	55.3
238.	07.45	56.4	63.8	55.6	262.	09.45	57.0	65.4	55.9	286.	11.45	56.8	59.3	56.1
239.	07.50	56.8	63.4	55.9	263.	09.50	57.2	64.9	56.3	287.	11.50	56.3	60.6	55.6
240.	07.55	56.6	63.4	55.6	264.	09.55	57.1	63.1	56.2	288.	11.55	56.8	60.7	55.9

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager



Thai Environmental Technic Limited

บริษัท เทคนิกลิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ตะวันแดง 1999 จำกัด

Report No. : 3581/2022/37-42

Project : โครงการโรงงานผลิตแอลกอฮอล์และสุรา (ส่วนขยาย ครั้งที่ 1)
(ระยะดำเนินการ)

Report Date : December 19, 2022

Sampling Date : December 6-13, 2022

Address : เลขที่ 88 หมู่ที่ 15 บ้านเขาน้อย ตำบลหนองแขง
อำเภอหันคา จังหวัดชัยนาท

Type of Sample : Sound Level

Job No. : S650153/Dec

(37/-3)

จิมรี่โครงการด้านตะวันตก														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		07-08/12/22					07-08/12/22					07-08/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
1.	12.00	56.7	62.2	55.7	37.	15.00	59.1	61.8	58.2	73.	18.00	55.6	57.9	55.0
2.	12.05	56.9	63.5	55.7	38.	15.05	59.3	60.5	58.7	74.	18.05	56.5	61.0	55.7
3.	12.10	56.5	63.1	55.7	39.	15.10	58.6	61.0	57.8	75.	18.10	56.2	62.3	55.4
4.	12.15	57.5	63.7	56.1	40.	15.15	58.5	62.3	57.8	76.	18.15	56.4	66.8	55.5
5.	12.20	56.5	59.5	55.7	41.	15.20	58.7	62.9	57.9	77.	18.20	56.4	62.3	55.4
6.	12.25	57.0	60.6	55.8	42.	15.25	58.7	65.9	57.9	78.	18.25	55.7	61.3	54.8
7.	12.30	58.9	73.7	55.7	43.	15.30	58.8	61.0	58.1	79.	18.30	62.3	78.6	55.4
8.	12.35	59.2	71.4	56.1	44.	15.35	58.5	61.3	58.0	80.	18.35	56.3	64.8	55.1
9.	12.40	58.3	69.2	56.5	45.	15.40	59.0	68.6	58.0	81.	18.40	56.7	65.9	55.6
10.	12.45	56.7	68.3	55.7	46.	15.45	59.2	69.1	58.6	82.	18.45	55.4	65.8	54.3
11.	12.50	56.5	62.9	55.8	47.	15.50	59.7	64.2	58.9	83.	18.50	55.0	63.3	54.1
12.	12.55	56.7	63.9	55.9	48.	15.55	59.4	66.1	58.8	84.	18.55	56.3	63.8	55.1
13.	13.00	56.8	61.1	56.0	49.	16.00	59.2	66.5	58.4	85.	19.00	55.6	63.8	54.7
14.	13.05	58.7	72.5	55.8	50.	16.05	59.6	70.3	58.9	86.	19.05	54.9	63.8	54.1
15.	13.10	59.2	73.9	56.1	51.	16.10	59.4	61.7	58.6	87.	19.10	56.1	62.0	54.5
16.	13.15	56.7	60.4	55.8	52.	16.15	58.9	60.8	58.4	88.	19.15	57.2	65.2	56.2
17.	13.20	57.2	60.4	56.4	53.	16.20	59.3	65.4	58.5	89.	19.20	57.8	65.3	56.1
18.	13.25	58.0	67.0	55.8	54.	16.25	58.4	64.8	57.1	90.	19.25	56.0	62.6	54.5
19.	13.30	58.0	66.7	56.4	55.	16.30	57.7	60.7	56.9	91.	19.30	56.1	61.7	55.1
20.	13.35	61.2	73.1	56.6	56.	16.35	57.2	60.8	56.6	92.	19.35	58.3	73.8	55.3
21.	13.40	60.2	72.9	56.0	57.	16.40	58.7	70.1	55.9	93.	19.40	55.6	61.0	54.6
22.	13.45	60.0	74.0	56.7	58.	16.45	57.8	68.4	56.6	94.	19.45	59.2	74.1	54.9
23.	13.50	57.3	60.3	56.3	59.	16.50	58.7	72.8	56.4	95.	19.50	58.9	72.7	54.4
24.	13.55	57.3	63.5	56.5	60.	16.55	57.5	67.3	56.4	96.	19.55	57.5	71.7	54.2
25.	14.00	57.1	61.8	56.2	61.	17.00	57.0	63.7	55.9	97.	20.00	55.5	63.3	54.6
26.	14.05	57.0	60.9	56.3	62.	17.05	56.0	59.4	55.3	98.	20.05	55.6	61.5	54.5
27.	14.10	57.2	61.8	56.4	63.	17.10	56.1	63.8	55.5	99.	20.10	55.4	61.2	54.5
28.	14.15	57.3	61.6	56.6	64.	17.15	56.0	58.2	55.4	100.	20.15	54.9	60.9	53.6
29.	14.20	56.9	61.6	56.1	65.	17.20	56.0	58.4	55.4	101.	20.20	56.1	59.9	55.1
30.	14.25	56.8	62.7	56.1	66.	17.25	56.1	68.0	55.4	102.	20.25	55.0	60.0	53.5
31.	14.30	57.7	67.4	56.5	67.	17.30	55.8	59.9	55.0	103.	20.30	55.5	63.7	54.6
32.	14.35	57.1	61.9	56.5	68.	17.35	56.0	61.0	55.3	104.	20.35	55.2	64.1	53.9
33.	14.40	57.4	65.6	56.7	69.	17.40	55.3	59.1	54.8	105.	20.40	55.7	60.2	54.7
34.	14.45	59.2	76.0	57.8	70.	17.45	55.4	58.5	54.8	106.	20.45	55.4	63.7	53.9
35.	14.50	59.7	71.4	58.9	71.	17.50	55.2	60.3	54.6	107.	20.50	56.0	63.4	54.4
36.	14.55	58.5	62.1	58.9	72.	17.55	55.0	57.8	54.4	108.	20.55	55.9	66.7	54.4



Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(3/2 3)

ริมรั้วโครงการตามตะวันตก														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		07-08/12/22					07-08/12/22					07-08/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
109.	21.00	55.3	60.6	54.1	115.	00.00	56.4	72.4	54.9	181.	03.00	56.8	64.2	56.1
110.	21.05	55.3	59.2	54.5	146.	00.05	55.8	62.7	54.9	182.	03.05	56.4	60.7	55.8
111.	21.10	55.2	63.5	54.1	147.	00.10	55.1	71.3	55.2	183.	03.10	57.9	66.6	55.9
112.	21.15	57.7	68.6	55.1	148.	00.15	57.3	69.3	55.2	184.	03.15	56.7	60.2	56.1
113.	21.20	57.9	62.2	56.9	149.	00.20	55.9	60.3	55.3	185.	03.20	57.0	60.0	56.5
114.	21.25	57.9	62.2	57.1	150.	00.25	56.4	63.5	55.7	186.	03.25	56.6	58.7	56.1
115.	21.30	57.2	61.9	56.6	151.	00.30	56.9	62.4	55.9	187.	03.30	56.6	59.7	55.9
116.	21.35	57.4	61.8	56.6	152.	00.35	56.1	64.6	55.3	188.	03.35	57.0	61.9	56.5
117.	21.40	57.3	60.9	56.0	153.	00.40	56.1	64.6	55.2	189.	03.40	57.2	61.7	56.5
118.	21.45	57.2	61.1	56.4	154.	00.45	55.9	59.9	55.3	190.	03.45	57.2	61.5	56.6
119.	21.50	56.9	59.6	55.7	155.	00.50	56.1	57.8	55.5	191.	03.50	57.1	62.4	56.5
120.	21.55	57.3	59.9	56.8	156.	00.55	56.0	61.7	55.3	192.	03.55	56.9	61.8	56.3
121.	22.00	57.1	63.0	56.3	157.	01.00	56.0	61.8	55.3	193.	04.00	56.6	62.1	56.1
122.	22.05	57.5	60.0	56.5	158.	01.05	56.1	59.9	55.1	194.	04.05	56.9	61.8	56.3
123.	22.10	57.2	60.1	56.4	159.	01.10	56.0	62.1	55.1	195.	04.10	56.4	62.0	55.8
124.	22.15	58.7	71.5	56.0	160.	01.15	56.2	69.4	55.2	196.	04.15	56.7	61.3	56.2
125.	22.20	58.2	66.0	56.7	161.	01.20	55.9	61.4	55.3	197.	04.20	56.6	61.0	56.0
126.	22.25	57.2	60.3	56.1	162.	01.25	55.6	61.9	55.0	198.	04.25	56.7	59.5	56.1
127.	22.30	60.4	73.7	56.7	163.	01.30	55.8	63.1	55.1	199.	04.30	56.1	61.4	55.5
128.	22.35	59.7	70.9	57.0	164.	01.35	55.7	61.3	55.2	200.	04.35	56.3	61.7	55.6
129.	22.40	58.7	66.6	57.3	165.	01.40	55.8	58.3	55.2	201.	04.40	56.1	61.1	54.9
130.	22.45	59.8	71.9	57.0	166.	01.45	56.3	57.9	55.8	202.	04.45	55.8	61.3	55.2
131.	22.50	59.1	66.1	57.8	167.	01.50	56.1	59.9	55.5	203.	04.50	56.0	60.8	55.4
132.	22.55	59.3	71.0	56.9	168.	01.55	56.2	58.2	55.7	204.	04.55	55.1	61.4	54.5
133.	23.00	58.4	68.9	56.6	169.	02.00	56.3	62.5	55.7	205.	05.00	55.1	60.4	54.5
134.	23.05	57.8	67.7	56.8	170.	02.05	56.4	59.1	55.9	206.	05.05	55.6	61.6	55.0
135.	23.10	57.8	61.9	56.7	171.	02.10	56.4	59.4	55.7	207.	05.10	55.6	57.0	55.1
136.	23.15	58.1	62.3	57.2	172.	02.15	56.3	60.9	55.5	208.	05.15	55.7	60.1	55.0
137.	23.20	57.6	70.0	56.6	173.	02.20	56.4	60.4	55.6	209.	05.20	56.4	60.8	55.1
138.	23.25	57.6	67.0	56.7	174.	02.25	56.1	73.1	55.0	210.	05.25	55.5	59.3	55.0
139.	23.30	58.2	67.7	56.7	175.	02.30	56.3	65.9	55.1	211.	05.30	55.5	60.8	55.0
140.	23.35	56.9	63.1	56.0	176.	02.35	56.0	59.1	55.3	212.	05.35	56.0	59.2	55.4
141.	23.40	56.3	64.4	55.6	177.	02.40	56.7	59.2	56.2	213.	05.40	56.3	59.0	55.7
142.	23.45	55.9	63.7	55.3	178.	02.45	56.1	60.3	55.3	214.	05.45	55.9	58.2	55.4
143.	23.50	57.3	67.4	56.1	179.	02.50	56.6	59.7	55.8	215.	05.50	56.1	59.3	55.5
144.	23.55	57.2	65.0	55.8	180.	02.55	56.1	62.4	55.5	216.	05.55	56.1	59.6	55.6



Thai Environmental Technic Limited
บริษัท เทคนิกลิ่งแวดล้อมไทย จำกัด

(37/3-3)

ริมรั้วโครงการด้านตะวันตก														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		07-08/12/22					07-08/12/22					07-08/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
217.	06.00	55.9	58.2	55.4	241.	08.00	56.8	62.0	55.6	265.	10.00	56.9	65.9	56.1
218.	06.05	56.2	60.2	55.5	242.	08.05	57.1	65.0	56.2	266.	10.05	58.1	64.7	56.9
219.	06.10	56.5	61.5	55.6	243.	08.10	57.0	66.3	55.8	267.	10.10	57.7	64.3	56.9
220.	06.15	55.3	60.1	54.8	244.	08.15	57.3	65.6	56.3	268.	10.15	58.7	64.9	57.3
221.	06.20	55.9	58.6	55.3	245.	08.20	57.0	64.7	56.1	269.	10.20	57.7	60.7	56.9
222.	06.25	57.3	65.2	55.2	246.	08.25	57.0	63.6	56.1	270.	10.25	58.2	61.8	57.0
223.	06.30	56.3	63.5	55.6	247.	08.30	56.5	65.7	55.8	271.	10.30	60.1	74.9	56.9
224.	06.35	56.8	60.1	56.1	248.	08.35	56.4	63.8	55.7	272.	10.35	60.4	72.6	57.3
225.	06.40	57.0	59.6	56.4	249.	08.40	56.2	61.0	55.4	273.	10.40	59.5	70.4	57.7
226.	06.45	56.9	61.3	56.0	250.	08.45	56.4	63.0	55.7	274.	10.45	57.9	69.5	56.9
227.	06.50	57.0	59.3	56.5	251.	08.50	56.5	62.2	55.7	275.	10.50	57.7	64.1	57.0
228.	06.55	57.0	60.4	56.3	252.	08.55	56.5	62.4	56.0	276.	10.55	57.9	67.1	57.1
229.	07.00	57.0	61.7	56.2	253.	09.00	56.2	61.0	55.5	277.	11.00	58.0	62.3	57.2
230.	07.05	57.1	61.3	56.1	254.	09.05	56.5	60.2	55.9	278.	11.05	59.9	73.7	57.0
231.	07.10	57.2	61.4	56.6	255.	09.10	56.2	61.8	55.5	279.	11.10	60.4	77.1	57.3
232.	07.15	57.1	62.5	56.4	256.	09.15	56.4	61.5	55.6	280.	11.15	57.9	61.6	57.0
233.	07.20	57.0	59.4	56.5	257.	09.20	56.4	63.3	55.7	281.	11.20	58.4	61.6	57.6
234.	07.25	56.6	62.1	55.9	258.	09.25	56.6	63.1	55.6	282.	11.25	59.2	68.2	57.0
235.	07.30	56.7	59.2	56.2	259.	09.30	56.6	65.6	55.7	283.	11.30	59.2	67.9	57.6
236.	07.35	56.4	61.3	55.8	260.	09.35	56.4	61.5	55.6	284.	11.35	62.4	74.3	57.8
237.	07.40	57.3	59.2	56.2	261.	09.40	56.7	62.6	55.9	285.	11.40	61.4	74.1	57.2
238.	07.45	56.9	60.3	56.0	262.	09.45	56.5	63.3	55.8	286.	11.45	61.2	75.2	57.9
239.	07.50	57.1	65.1	56.0	263.	09.50	56.7	62.9	56.0	287.	11.50	58.5	61.5	57.5
240.	07.55	57.0	62.3	56.1	264.	09.55	56.7	61.2	55.8	288.	11.55	58.5	64.7	57.7

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager



Thai Environmental Technic Limited

บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ตะวันแดง 1999 จำกัด

Report No. : 3581/2022/38-42

Project : โครงการโรงงานผลิตแอลกอฮอล์และสุรา (ส่วนขยาย ครั้งที่ 1)
(ระยะดำเนินการ)

Report Date : December 19, 2022

Sampling Date : December 6-13, 2022

Address : เลขที่ 88 หมู่ที่ 15 บ้านเขาน้อย ตำบลหนองแขง
อำเภอหันคา จังหวัดชัยนาท

Type of Sample : Sound Level

Job No. : S650153/Dec

(38/1-3)

วิธีวัดโครงการด้านตะวันตก														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		08-09/12/22					08-09/12/22					08-09/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
1.	12.00	58.3	63.0	57.4	37.	15.00	56.3	63.7	55.4	73.	18.00	56.9	58.9	56.1
2.	12.05	58.2	62.1	57.5	38.	15.05	56.1	66.8	55.1	74.	18.05	57.9	74.5	56.3
3.	12.10	58.4	63.0	57.6	39.	15.10	55.9	63.7	54.5	75.	18.10	57.6	70.2	56.6
4.	12.15	58.5	62.8	57.8	40.	15.15	55.6	62.4	54.3	76.	18.15	57.4	60.3	56.6
5.	12.20	58.1	62.8	57.3	41.	15.20	55.7	63.2	54.6	77.	18.20	58.4	68.2	57.5
6.	12.25	58.0	63.9	57.3	42.	15.25	55.7	57.9	55.0	78.	18.25	58.0	60.8	57.1
7.	12.30	58.9	68.6	57.7	43.	15.30	55.2	66.1	54.3	79.	18.30	58.2	65.8	57.3
8.	12.35	58.3	63.1	57.7	44.	15.35	55.1	59.4	54.3	80.	18.35	58.6	68.8	57.3
9.	12.40	58.6	65.8	57.9	45.	15.40	55.6	63.7	54.6	81.	18.40	58.5	61.2	57.8
10.	12.45	56.9	60.7	56.3	46.	15.45	55.6	62.2	54.8	82.	18.45	58.9	74.7	57.7
11.	12.50	56.8	59.8	56.1	47.	15.50	55.7	65.8	54.8	83.	18.50	58.5	63.4	57.8
12.	12.55	58.4	75.3	56.3	48.	15.55	58.2	66.2	55.5	84.	18.55	58.0	62.6	57.0
13.	13.00	57.1	61.7	56.5	49.	16.00	55.8	62.5	55.0	85.	19.00	58.5	64.1	57.5
14.	13.05	56.9	60.2	56.3	50.	16.05	56.0	64.3	55.2	86.	19.05	58.4	61.0	57.5
15.	13.10	57.3	63.3	56.4	51.	16.10	56.2	62.0	55.6	87.	19.10	58.0	63.3	57.0
16.	13.15	57.0	62.1	56.4	52.	16.15	55.9	62.3	55.2	88.	19.15	57.6	63.2	56.5
17.	13.20	56.9	60.3	56.2	53.	16.20	56.2	62.5	55.2	89.	19.20	57.9	61.4	56.8
18.	13.25	56.8	59.9	56.0	54.	16.25	57.2	71.2	55.2	90.	19.25	58.5	65.3	57.8
19.	13.30	55.7	58.8	55.0	55.	16.30	56.4	61.0	55.7	91.	19.30	58.2	66.6	57.1
20.	13.35	56.5	60.3	56.0	56.	16.35	56.1	59.5	55.2	92.	19.35	58.4	66.1	57.5
21.	13.40	56.0	61.3	55.1	57.	16.40	56.6	58.7	55.9	93.	19.40	58.3	64.3	57.4
22.	13.45	56.7	61.6	55.3	58.	16.45	56.5	61.4	55.5	94.	19.45	58.9	63.2	57.3
23.	13.50	56.6	61.0	55.9	59.	16.50	57.6	64.3	55.6	95.	19.50	58.2	67.1	57.3
24.	13.55	56.2	60.0	55.5	60.	16.55	57.1	61.8	56.2	96.	19.55	57.8	59.9	57.1
25.	14.00	56.1	61.7	55.5	61.	17.00	57.0	60.5	56.1	97.	20.00	57.9	62.0	56.7
26.	14.05	56.5	65.0	55.3	62.	17.05	57.3	60.0	56.5	98.	20.05	58.1	66.7	57.3
27.	14.10	56.9	67.0	56.1	63.	17.10	57.1	60.6	56.4	99.	20.10	57.9	62.8	56.7
28.	14.15	56.8	66.1	55.7	64.	17.15	57.1	59.4	56.2	100.	20.15	58.0	62.6	57.0
29.	14.20	56.8	65.9	55.8	65.	17.20	57.5	60.2	56.6	101.	20.20	58.4	63.5	57.5
30.	14.25	60.9	79.7	55.9	66.	17.25	57.3	59.4	55.9	102.	20.25	58.1	63.0	57.3
31.	14.30	57.2	67.4	55.6	67.	17.30	57.6	65.0	56.8	103.	20.30	58.4	63.2	57.6
32.	14.35	55.5	59.3	54.7	68.	17.35	58.0	64.6	57.1	104.	20.35	58.3	63.8	57.4
33.	14.40	55.8	60.1	55.0	69.	17.40	57.8	64.6	56.8	105.	20.40	58.2	63.2	57.3
34.	14.45	55.7	63.4	54.8	70.	17.45	57.2	59.8	56.5	106.	20.45	58.3	63.7	57.4
35.	14.50	56.0	60.2	55.2	71.	17.50	56.9	59.1	56.0	107.	20.50	58.4	63.4	57.6
36.	14.55	55.9	59.8	55.2	72.	17.55	56.9	64.2	56.0	108.	20.55	57.9	62.5	56.8

**TET**

Thai Environmental Technic Limited

บริษัท เทคนิกลิ่งแวดล้อมไทย จำกัด

(38/2-3)

รื้อรื้อโครงการด้านตะวันตก														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		08-09/12/22					08-09/12/22					08-09/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
109.	21.00	58.3	60.3	57.5	145.	00.00	58.8	66.7	57.8	181.	03.00	55.8	61.2	54.6
110.	21.05	57.2	60.3	56.3	146.	00.05	58.5	62.2	57.4	182.	03.05	55.5	60.0	54.8
111.	21.10	57.9	61.1	57.1	147.	00.10	58.0	60.4	57.4	183.	03.10	55.8	60.2	55.1
112.	21.15	57.4	61.1	56.4	148.	00.15	59.3	76.2	57.2	184.	03.15	56.2	60.3	55.4
113.	21.20	58.2	63.0	57.3	149.	00.20	58.4	71.4	57.0	185.	03.20	55.7	70.1	54.8
114.	21.25	57.4	62.1	56.5	150.	00.25	57.9	60.6	57.0	186.	03.25	55.7	61.9	54.8
115.	21.30	58.0	60.5	57.3	151.	00.30	58.0	61.5	57.1	187.	03.30	55.6	58.6	54.6
116.	21.35	57.5	61.8	56.8	152.	00.35	57.7	61.0	56.9	188.	03.35	55.8	61.2	55.0
117.	21.40	58.0	61.9	57.1	153.	00.40	57.7	59.3	56.9	189.	03.40	55.1	62.7	54.2
118.	21.45	57.9	63.4	56.9	154.	00.45	57.6	58.9	56.9	190.	03.45	55.6	58.3	55.0
119.	21.50	57.2	72.1	55.4	155.	00.50	57.2	58.9	56.5	191.	03.50	55.3	58.8	54.4
120.	21.55	58.9	61.5	55.1	156.	00.55	57.6	59.2	56.8	192.	03.55	55.9	64.9	54.9
121.	22.00	55.7	60.4	54.9	157.	01.00	57.5	59.4	56.7	193.	04.00	55.9	64.2	54.9
122.	22.05	55.8	59.6	54.6	158.	01.05	57.7	64.7	56.9	194.	04.05	55.9	65.4	54.6
123.	22.10	57.0	63.6	55.1	159.	01.10	58.1	70.1	56.8	195.	04.10	56.0	63.9	55.0
124.	22.15	56.1	58.4	55.1	160.	01.15	58.8	69.1	57.4	196.	04.15	56.4	67.0	55.2
125.	22.20	56.1	60.3	55.2	161.	01.20	56.9	62.0	55.8	197.	04.20	57.7	60.1	56.8
126.	22.25	55.8	59.9	55.1	162.	01.25	57.1	61.5	56.3	198.	04.25	57.6	63.8	56.7
127.	22.30	55.8	59.1	55.2	163.	01.30	57.3	65.3	56.8	199.	04.30	57.3	78.9	56.4
128.	22.35	56.0	62.1	55.3	164.	01.35	56.6	65.4	55.8	200.	04.35	56.9	62.7	56.1
129.	22.40	55.6	59.5	54.8	165.	01.40	56.5	60.1	55.8	201.	04.40	57.3	69.2	56.5
130.	22.45	55.3	60.8	54.3	166.	01.45	56.4	59.7	55.3	202.	04.45	57.2	71.1	56.1
131.	22.50	56.4	62.1	55.3	167.	01.50	57.3	71.0	55.4	203.	04.50	56.2	59.4	55.4
132.	22.55	56.7	63.4	55.8	168.	01.55	55.9	64.7	55.0	204.	04.55	56.4	59.6	55.9
133.	23.00	57.2	69.9	55.9	169.	02.00	55.4	62.0	54.6	205.	05.00	57.2	64.8	55.1
134.	23.05	56.3	59.7	55.7	170.	02.05	57.1	70.3	54.4	206.	05.05	56.6	60.2	55.9
135.	23.10	56.4	62.0	55.8	171.	02.10	55.7	59.1	54.8	207.	05.10	55.9	65.2	54.8
136.	23.15	56.3	60.4	55.5	172.	02.15	55.0	58.8	54.2	208.	05.15	55.2	58.0	54.4
137.	23.20	57.5	67.6	56.0	173.	02.20	55.2	62.1	54.4	209.	05.20	55.2	60.1	54.2
138.	23.25	57.6	71.9	55.5	174.	02.25	55.7	63.3	54.9	210.	05.25	55.2	61.6	54.3
139.	23.30	56.3	61.2	55.8	175.	02.30	55.9	69.0	55.0	211.	05.30	54.6	57.8	54.1
140.	23.35	56.4	64.2	55.7	176.	02.35	56.2	61.9	55.4	212.	05.35	55.6	61.1	54.7
141.	23.40	57.3	61.9	56.5	177.	02.40	56.7	61.4	55.8	213.	05.40	55.3	58.0	54.8
142.	23.45	57.9	60.0	56.2	178.	02.45	56.4	61.7	55.6	214.	05.45	55.7	59.3	54.8
143.	23.50	58.9	62.7	58.2	179.	02.50	55.5	61.0	54.5	215.	05.50	55.8	57.7	55.1
144.	23.55	58.8	65.8	58.0	180.	02.55	55.6	58.5	54.7	216.	05.55	55.7	59.4	54.9



Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(38/3-3)

ริ้วโครงการด้านตะวันตก														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		08-09/12/22					08-09/12/22					08-09/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
217.	06.00	56.0	59.5	55.4	241.	08.00	58.3	62.0	57.6	265.	10.00	59.1	61.7	58.3
218.	06.05	58.1	77.4	55.1	242.	08.05	57.0	61.7	56.0	266.	10.05	59.0	62.8	58.1
219.	06.10	55.7	58.7	55.0	243.	08.10	57.3	61.1	56.3	267.	10.10	58.7	62.3	57.8
220.	06.15	55.9	59.6	54.9	244.	08.15	58.0	64.8	56.0	268.	10.15	59.0	63.0	58.0
221.	06.20	55.7	61.8	54.9	245.	08.20	57.1	61.4	56.0	269.	10.20	59.0	61.4	57.9
222.	06.25	56.1	61.6	55.5	246.	08.25	57.1	60.4	56.3	270.	10.25	59.2	64.3	58.2
223.	06.30	55.9	59.0	55.2	247.	08.30	56.8	60.3	55.8	271.	10.30	59.1	68.2	58.3
224.	06.35	55.9	58.4	55.2	248.	08.35	57.6	60.2	56.8	272.	10.35	58.2	64.5	57.4
225.	06.40	55.9	59.8	54.9	249.	08.40	57.0	59.8	56.2	273.	10.40	58.7	61.9	57.7
226.	06.45	56.1	58.1	55.5	250.	08.45	57.9	59.7	57.2	274.	10.45	58.7	62.4	57.5
227.	06.50	55.8	59.1	54.8	251.	08.50	57.3	59.7	56.6	275.	10.50	58.1	60.1	57.5
228.	06.55	56.1	58.6	55.5	252.	08.55	60.5	63.7	58.1	276.	10.55	58.2	62.9	57.6
229.	07.00	56.2	60.1	55.2	253.	09.00	59.4	65.1	57.8	277.	11.00	58.2	60.6	57.4
230.	07.05	57.6	60.3	56.4	254.	09.05	57.7	60.0	56.9	278.	11.05	57.8	60.0	57.0
231.	07.10	58.5	81.2	56.8	255.	09.10	57.6	59.3	57.0	279.	11.10	58.1	64.4	57.2
232.	07.15	57.9	60.3	57.1	256.	09.15	57.6	66.6	56.9	280.	11.15	57.5	63.9	56.9
233.	07.20	57.2	59.5	56.4	257.	09.20	57.2	59.6	56.5	281.	11.20	57.9	60.2	56.8
234.	07.25	57.0	59.0	56.2	258.	09.25	56.9	59.6	56.1	282.	11.25	59.8	65.7	58.5
235.	07.30	56.8	61.2	55.9	259.	09.30	57.2	59.3	56.5	283.	11.30	59.2	63.5	58.6
236.	07.35	58.8	62.6	56.0	260.	09.35	57.2	60.6	56.4	284.	11.35	59.4	62.0	58.6
237.	07.40	57.1	59.7	56.5	261.	09.40	60.0	63.8	59.0	285.	11.40	59.6	62.3	58.7
238.	07.45	57.0	60.4	56.3	262.	09.45	61.4	64.6	60.4	286.	11.45	58.5	65.7	57.8
239.	07.50	58.4	64.1	57.2	263.	09.50	61.5	69.9	59.1	287.	11.50	59.2	72.8	57.6
240.	07.55	61.3	65.5	57.4	264.	09.55	60.2	77.4	59.1	288.	11.55	58.5	62.4	57.8

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager

**TET**

Thai Environmental Technic Limited

บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ตะวันแดง 1999 จำกัด

Report No. : 3581/2022/39-42

Project : โครงการโรงงานผลิตแอลกอฮอล์และสุรา (ส่วนขยาย ครั้งที่ 1)
(ระยะดำเนินการ)

Report Date : December 19, 2022

Sampling Date : December 6-13, 2022

Address : เลขที่ 88 หมู่ที่ 15 บ้านเขาน้อย ตำบลหนองแขง
อำเภอหันคา จังหวัดชัยนาท

Type of Sample : Sound Level

Job No. : S650153/Dec

(39/1-3)

วิธีวัดโครงการด้านตะวันตก														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		09-10/12/22					09-10/12/22					09-10/12/22		
		Leq	Lmax	L90			Leq	Lmax	L90			Leq	Lmax	L90
1.	12.00	59.3	64.1	58.5	37.	15.00	56.3	58.3	55.5	73.	18.00	56.0	61.6	55.3
2.	12.05	59.2	64.6	58.2	38.	15.05	55.8	59.5	54.9	74.	18.05	56.4	59.3	55.7
3.	12.10	58.7	64.6	58.0	39.	15.10	56.5	65.0	55.5	75.	18.10	56.8	69.2	55.7
4.	12.15	59.2	62.7	58.3	40.	15.15	56.4	58.5	55.8	76.	18.15	56.9	65.3	55.8
5.	12.20	59.4	65.7	58.7	41.	15.20	56.1	58.6	55.2	77.	18.20	56.5	68.5	55.5
6.	12.25	58.1	68.1	56.7	42.	15.25	56.4	60.4	55.6	78.	18.25	56.5	71.9	55.4
7.	12.30	57.7	63.7	56.6	43.	15.30	56.1	58.5	55.3	79.	18.30	56.4	65.1	55.4
8.	12.35	57.8	64.3	56.8	44.	15.35	56.4	62.7	55.4	80.	18.35	56.4	60.0	55.5
9.	12.40	57.4	64.0	56.6	45.	15.40	57.7	64.4	55.9	81.	18.40	56.2	63.1	55.4
10.	12.45	57.7	65.4	56.8	46.	15.45	56.7	65.4	55.1	82.	18.45	56.5	60.3	55.8
11.	12.50	57.8	65.9	56.1	47.	15.50	58.0	69.8	56.1	83.	18.50	56.3	60.6	55.3
12.	12.55	57.5	67.2	56.5	48.	15.55	56.2	58.5	55.4	84.	18.55	57.3	70.6	55.3
13.	13.00	57.0	61.4	55.9	49.	16.00	56.8	61.9	55.8	85.	19.00	56.3	60.1	55.5
14.	13.05	57.4	63.4	56.2	50.	16.05	57.3	70.3	56.1	86.	19.05	56.3	58.3	55.5
15.	13.10	58.8	75.5	55.8	51.	16.10	56.4	62.5	55.5	87.	19.10	56.5	62.7	55.4
16.	13.15	57.0	63.0	56.2	52.	16.15	57.0	68.1	56.1	88.	19.15	55.7	70.5	54.8
17.	13.20	57.1	63.5	56.0	53.	16.20	56.7	64.1	55.8	89.	19.20	55.7	59.8	54.9
18.	13.25	57.5	75.0	55.9	54.	16.25	58.0	76.1	56.0	90.	19.25	56.0	71.6	55.1
19.	13.30	57.4	63.6	56.5	55.	16.30	57.9	77.7	55.2	91.	19.30	56.2	59.0	55.4
20.	13.35	63.8	94.4	56.1	56.	16.35	56.3	58.7	55.3	92.	19.35	56.9	66.3	56.1
21.	13.40	56.8	60.8	56.0	57.	16.40	56.6	58.8	55.9	93.	19.40	56.5	63.6	55.3
22.	13.45	57.2	63.0	56.2	58.	16.45	56.4	62.4	55.5	94.	19.45	56.4	62.8	55.3
23.	13.50	57.9	71.4	56.1	59.	16.50	58.0	75.4	55.7	95.	19.50	56.9	66.1	56.0
24.	13.55	57.1	65.2	55.9	60.	16.55	56.3	62.7	55.4	96.	19.55	56.1	64.0	55.1
25.	14.00	57.1	81.9	55.4	61.	17.00	57.3	72.2	55.9	97.	20.00	56.4	63.8	55.5
26.	14.05	56.7	59.9	55.9	62.	17.05	57.3	61.0	56.7	98.	20.05	56.3	62.7	55.2
27.	14.10	56.0	60.5	55.0	63.	17.10	58.1	65.3	57.0	99.	20.10	56.3	61.3	55.5
28.	14.15	56.1	61.1	55.2	64.	17.15	56.7	70.4	55.0	100.	20.15	56.7	63.8	55.7
29.	14.20	55.3	57.8	54.6	65.	17.20	55.6	58.1	54.8	101.	20.20	56.5	63.5	55.3
30.	14.25	55.6	58.6	54.8	66.	17.25	56.3	65.7	55.2	102.	20.25	56.6	62.0	55.8
31.	14.30	56.8	65.5	55.0	67.	17.30	56.7	69.3	54.9	103.	20.30	56.2	61.3	55.0
32.	14.35	57.7	62.0	55.1	68.	17.35	55.9	61.6	55.1	104.	20.35	56.2	60.7	55.3
33.	14.40	55.9	59.8	55.0	69.	17.40	55.6	60.4	54.6	105.	20.40	56.5	63.2	55.6
34.	14.45	55.9	59.0	55.2	70.	17.45	56.3	62.0	55.4	106.	20.45	56.6	61.7	55.6
35.	14.50	56.3	66.3	55.3	71.	17.50	56.5	59.6	55.6	107.	20.50	56.1	62.5	55.0
36.	14.55	55.7	59.9	55.0	72.	17.55	56.0	58.8	55.0	108.	20.55	56.6	66.8	55.4



Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(39/2-3)

วิธีวัดโครงการด้านตะวันตก														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		09-10/12/22					09-10/12/22					09-10/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
109.	21.00	56.2	61.2	55.4	145.	00.00	56.5	61.7	55.9	181.	03.00	58.0	59.9	57.4
110.	21.05	55.7	58.3	54.8	146.	00.05	56.3	63.1	55.5	182.	03.05	59.2	61.3	58.4
111.	21.10	55.8	60.9	54.9	147.	00.10	56.3	61.4	55.7	183.	03.10	59.1	60.8	58.5
112.	21.15	56.3	69.4	54.7	148.	00.15	55.8	61.2	55.2	184.	03.15	59.3	61.7	58.5
113.	21.20	55.6	62.0	54.6	149.	00.20	56.7	58.5	55.8	185.	03.20	58.8	60.2	58.1
114.	21.25	55.1	61.2	54.3	150.	00.25	56.1	61.1	55.3	186.	03.25	58.6	64.0	58.0
115.	21.30	55.0	58.3	54.2	151.	00.30	56.2	60.7	55.5	187.	03.30	58.7	60.8	58.2
116.	21.35	54.8	59.5	54.0	152.	00.35	56.7	68.4	55.3	188.	03.35	59.5	61.2	58.5
117.	21.40	55.5	60.7	54.5	153.	00.40	56.2	64.8	55.4	189.	03.40	58.4	59.6	58.0
118.	21.45	55.4	62.1	54.4	154.	00.45	56.3	59.2	55.1	190.	03.45	58.1	60.0	57.3
119.	21.50	54.8	59.8	54.0	155.	00.50	56.0	61.0	55.0	191.	03.50	59.0	60.7	58.3
120.	21.55	57.3	73.3	54.8	156.	00.55	56.2	61.0	55.5	192.	03.55	58.3	61.5	57.7
121.	22.00	55.7	65.0	54.8	157.	01.00	55.7	61.4	54.8	193.	04.00	59.8	73.2	58.1
122.	22.05	56.5	66.0	55.0	158.	01.05	55.5	58.6	54.8	194.	04.05	58.2	59.7	57.7
123.	22.10	56.7	64.3	55.7	159.	01.10	55.7	53.0	54.8	195.	04.10	58.4	60.3	57.5
124.	22.15	56.1	60.8	55.0	160.	01.15	55.6	69.1	54.4	196.	04.15	58.3	59.9	57.7
125.	22.20	56.1	61.6	55.0	161.	01.20	57.8	71.5	55.0	197.	04.20	57.9	59.8	57.1
126.	22.25	57.0	61.4	56.0	162.	01.25	56.6	68.7	55.0	198.	04.25	59.0	61.9	58.2
127.	22.30	56.2	63.4	55.1	163.	01.30	56.2	66.1	55.4	199.	04.30	58.0	60.1	57.4
128.	22.35	56.0	59.1	55.3	164.	01.35	56.6	62.0	55.7	200.	04.35	58.3	61.3	57.5
129.	22.40	56.3	62.0	55.3	165.	01.40	59.2	67.0	57.3	201.	04.40	59.4	68.9	57.8
130.	22.45	56.0	62.3	55.0	166.	01.45	59.2	66.2	58.2	202.	04.45	58.5	71.1	57.6
131.	22.50	55.9	59.3	55.3	167.	01.50	58.7	60.8	58.3	203.	04.50	58.0	60.4	57.1
132.	22.55	56.0	67.3	55.2	168.	01.55	59.0	61.4	57.9	204.	04.55	57.2	61.0	55.6
133.	23.00	56.2	62.9	55.4	169.	02.00	58.7	61.4	58.2	205.	05.00	56.1	59.1	55.1
134.	23.05	56.0	59.1	54.8	170.	02.05	58.8	66.8	57.8	206.	05.05	56.1	59.0	55.4
135.	23.10	56.4	62.9	55.5	171.	02.10	59.0	61.6	58.3	207.	05.10	56.2	58.1	55.6
136.	23.15	56.1	60.8	55.0	172.	02.15	58.2	59.6	57.4	208.	05.15	55.7	59.7	54.9
137.	23.20	56.1	64.8	54.8	173.	02.20	58.5	62.1	57.7	209.	05.20	56.2	58.1	55.7
138.	23.25	56.1	57.8	55.4	174.	02.25	57.7	59.5	57.0	210.	05.25	55.7	58.8	54.9
139.	23.30	55.5	59.4	54.6	175.	02.30	57.6	59.8	56.9	211.	05.30	56.1	59.2	55.4
140.	23.35	56.8	61.4	55.3	176.	02.35	57.9	59.9	57.1	212.	05.35	55.8	58.2	55.0
141.	23.40	56.6	70.3	55.0	177.	02.40	58.6	63.7	57.7	213.	05.40	55.9	58.5	55.2
142.	23.45	56.0	64.4	55.1	178.	02.45	58.0	60.4	57.4	214.	05.45	55.5	58.7	54.8
143.	23.50	56.0	65.0	54.9	179.	02.50	58.4	60.8	57.5	215.	05.50	55.4	58.5	54.6
144.	23.55	56.6	61.7	55.6	180.	02.55	58.3	61.0	57.6	216.	05.55	56.4	60.5	55.3



Thai Environmental Technic Limited
บริษัท เทคนิควิเสณสิ่งแวดล้อมไทย จำกัด

(39/3-3)

รื้อรื้อโครงการด้านตะวันตก														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		09-10/12/22					09-10/12/22					09-10/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
217.	06.00	55.5	59.4	54.7	241.	08.00	54.9	61.2	54.1	265.	10.00	54.8	59.1	53.9
218.	06.05	55.7	57.4	55.1	242.	08.05	55.2	60.9	54.4	266.	10.05	54.7	57.3	54.0
219.	06.10	55.4	58.0	54.6	243.	08.10	54.8	61.3	53.6	267.	10.10	55.1	62.8	54.2
220.	06.15	57.2	75.5	55.1	244.	08.15	54.3	61.6	53.4	268.	10.15	54.0	61.1	52.8
221.	06.20	55.1	58.4	54.3	245.	08.20	54.9	58.3	54.1	269.	10.20	54.1	56.3	53.5
222.	06.25	55.5	59.9	54.7	246.	08.25	54.5	62.5	53.8	270.	10.25	55.7	63.6	53.4
223.	06.30	55.2	58.2	54.2	247.	08.30	54.8	58.1	54.1	271.	10.30	55.0	66.1	53.7
224.	06.35	55.4	58.3	54.6	248.	08.35	54.8	62.8	54.0	272.	10.35	55.2	63.4	54.4
225.	06.40	55.5	57.5	54.8	249.	08.40	55.0	57.7	54.2	273.	10.40	54.9	59.1	54.1
226.	06.45	54.9	57.8	54.1	250.	08.45	54.7	58.8	53.9	274.	10.45	54.8	60.0	54.2
227.	06.50	55.5	57.5	54.9	251.	08.50	54.8	57.5	54.0	275.	10.50	54.5	63.7	53.7
228.	06.55	55.0	58.0	54.2	252.	08.55	54.2	57.4	53.6	276.	10.55	54.8	63.6	53.8
229.	07.00	55.3	59.2	54.5	253.	09.00	54.7	59.0	54.0	277.	11.00	55.6	62.9	54.2
230.	07.05	55.1	57.2	54.4	254.	09.05	54.5	57.5	53.5	278.	11.05	55.5	64.3	54.4
231.	07.10	55.0	57.8	54.3	255.	09.10	54.3	57.4	53.5	279.	11.10	54.7	58.6	53.8
232.	07.15	54.8	57.2	54.0	256.	09.15	54.2	55.8	53.4	280.	11.15	55.8	68.7	54.6
233.	07.20	54.8	57.7	54.1	257.	09.20	54.9	59.0	54.1	281.	11.20	55.5	62.0	54.7
234.	07.25	56.2	63.5	54.2	258.	09.25	54.9	59.2	54.1	282.	11.25	55.3	63.8	54.4
235.	07.30	54.7	57.6	54.0	259.	09.30	55.1	62.1	54.2	283.	11.30	55.8	62.5	54.7
236.	07.35	55.1	59.9	54.5	260.	09.35	54.8	62.1	53.9	284.	11.35	55.9	62.7	54.8
237.	07.40	54.9	60.0	54.1	261.	09.40	54.6	62.8	53.6	285.	11.40	55.7	61.8	54.6
238.	07.45	55.4	62.1	54.7	262.	09.45	54.9	63.6	54.1	286.	11.45	54.9	59.8	54.2
239.	07.50	55.0	62.4	54.1	263.	09.50	55.0	61.3	54.2	287.	11.50	54.7	58.1	54.0
240.	07.55	55.5	60.1	54.9	264.	09.55	54.6	61.3	53.6	288.	11.55	54.5	56.8	53.6

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager



Thai Environmental Technic Limited

บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ตะวันแดง 1999 จำกัด

Report No. : 3581/2022/40-42

Project : โครงการโรงงานผลิตแอลกอฮอล์และสุรา (ส่วนขยาย ครั้งที่ 1)
(ระยะดำเนินการ)

Report Date : December 19, 2022

Address : เลขที่ 88 หมู่ที่ 15 บ้านเขาน้อย ตำบลหนองแสง
อำเภอหันคา จังหวัดชัยนาท

Sampling Date : December 6-13, 2022

Type of Sample : Sound Level

Job No. : S650153/Dec

{4C/1-3}

รับจ้างโครงการด้านตะวันตก														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		10-11/12/22					10-11/12/22					10-11/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
1.	12.00	55.2	67.5	54.3	37.	15.00	55.7	58.9	54.7	73.	18.00	52.6	57.8	51.6
2.	12.05	54.5	62.7	53.7	38.	15.05	56.0	60.9	55.1	74.	18.05	55.0	63.9	52.4
3.	12.10	54.3	60.3	53.6	39.	15.10	55.9	63.0	55.0	75.	18.10	55.1	69.2	53.6
4.	12.15	54.2	57.4	53.5	40.	15.15	55.8	59.1	54.9	76.	18.15	54.4	56.4	53.7
5.	12.20	55.3	65.0	54.3	41.	15.20	55.5	57.8	54.5	77.	18.20	54.0	61.0	53.1
6.	12.25	56.4	66.4	54.4	42.	15.25	55.4	58.3	54.4	78.	18.25	54.9	66.9	53.3
7.	12.30	57.9	78.4	53.6	43.	15.30	55.5	62.5	54.1	79.	18.30	54.1	61.8	53.0
8.	12.35	55.6	66.5	53.3	44.	15.35	55.0	67.3	53.6	80.	18.35	54.3	58.9	53.2
9.	12.40	55.1	68.1	53.4	45.	15.40	54.8	70.8	53.4	81.	18.40	54.5	58.0	53.7
10.	12.45	58.9	82.4	52.8	46.	15.45	55.9	74.1	53.1	82.	18.45	54.3	58.7	53.3
11.	12.50	54.2	65.8	53.1	47.	15.50	56.0	65.1	54.8	83.	18.50	55.0	63.3	53.8
12.	12.55	55.0	69.9	52.9	48.	15.55	54.0	57.9	53.1	84.	18.55	55.0	65.2	53.5
13.	13.00	55.4	66.6	53.0	49.	16.00	55.1	68.0	53.9	85.	19.00	55.4	67.7	53.4
14.	13.05	53.3	57.8	52.4	50.	16.05	54.8	61.3	54.0	86.	19.05	53.7	68.0	53.9
15.	13.10	53.8	61.4	53.1	51.	16.10	54.6	63.1	53.7	87.	19.10	55.0	58.3	53.9
16.	13.15	53.3	58.5	52.3	52.	16.15	55.1	61.8	54.0	88.	19.15	55.7	61.8	54.0
17.	13.20	55.7	64.6	53.1	53.	16.20	55.2	62.0	54.1	89.	19.20	54.7	58.2	53.7
18.	13.25	55.8	69.9	54.3	54.	16.25	55.0	61.1	53.9	90.	19.25	54.8	57.3	53.8
19.	13.30	55.1	57.1	54.4	55.	16.30	54.2	59.1	53.5	91.	19.30	54.9	57.3	54.0
20.	13.35	54.7	61.7	53.8	56.	16.35	54.0	57.4	53.3	92.	19.35	54.9	57.7	53.9
21.	13.40	55.6	67.6	54.0	57.	16.40	53.8	56.1	52.9	93.	19.40	54.9	59.7	54.0
22.	13.45	54.8	62.5	53.7	58.	16.45	54.5	66.8	53.6	94.	19.45	55.0	58.2	54.0
23.	13.50	55.0	59.6	53.9	59.	16.50	53.8	62.0	53.0	95.	19.50	55.3	60.2	54.4
24.	13.55	55.2	58.7	54.4	60.	16.55	53.6	59.6	52.9	96.	19.55	55.2	62.3	54.3
25.	14.00	55.0	59.4	54.0	61.	17.00	53.5	56.7	52.8	97.	20.00	55.1	58.4	54.2
26.	14.05	55.7	64.0	54.5	62.	17.05	54.6	64.3	53.6	98.	20.05	54.8	57.1	53.8
27.	14.10	55.7	65.9	54.2	63.	17.10	55.7	65.7	53.7	99.	20.10	54.7	57.6	53.7
28.	14.15	56.1	68.4	54.1	64.	17.15	57.2	77.7	52.9	100.	20.15	54.8	61.8	53.4
29.	14.20	56.4	68.7	54.6	65.	17.20	54.9	65.8	52.6	101.	20.20	54.3	66.6	52.9
30.	14.25	55.7	59.0	54.6	66.	17.25	54.4	67.4	52.7	102.	20.25	54.1	70.1	52.7
31.	14.30	56.4	62.5	54.7	67.	17.30	58.2	81.7	52.1	103.	20.30	55.2	73.4	52.4
32.	14.35	55.4	58.9	54.4	68.	17.35	53.5	65.1	52.4	104.	20.35	55.3	64.4	54.1
33.	14.40	55.5	58.0	54.5	69.	17.40	54.3	69.2	52.2	105.	20.40	57.3	59.7	56.4
34.	14.45	55.6	58.0	54.7	70.	17.45	54.7	65.9	52.3	106.	20.45	56.5	60.3	55.1
35.	14.50	55.6	58.4	54.6	71.	17.50	52.6	57.1	51.7	107.	20.50	55.4	58.4	54.4
36.	14.55	55.6	59.9	54.7	72.	17.55	53.1	60.7	52.4	108.	20.55	55.4	58.3	54.7



Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(40/2-3)

ริมรั้วโครงการด้านตะวันตก														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		10-11/12/22					10-11/12/22					10-11/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
109.	21.00	55.5	57.4	54.9	145.	00.00	54.1	60.6	52.9	181.	03.00	56.0	63.6	55.0
110.	21.05	55.0	59.0	54.2	146.	00.05	53.6	60.9	52.7	182.	03.05	55.4	60.1	54.3
111.	21.10	55.5	57.4	55.0	147.	00.10	54.2	57.6	53.4	183.	03.10	55.4	60.9	54.3
112.	21.15	55.0	58.1	54.2	148.	00.15	53.8	61.8	53.1	184.	03.15	56.3	60.7	55.3
113.	21.20	55.4	58.5	54.7	149.	00.20	54.1	57.4	53.4	185.	03.20	55.5	62.7	54.4
114.	21.25	55.1	57.5	54.3	150.	00.25	54.1	62.1	53.3	186.	03.25	55.3	58.4	54.6
115.	21.30	55.2	57.8	54.5	151.	00.30	54.3	57.0	53.5	187.	03.30	55.6	61.3	54.6
116.	21.35	54.8	58.0	54.1	152.	00.35	54.0	58.1	53.2	188.	03.35	55.3	61.6	54.3
117.	21.40	54.7	57.8	53.9	153.	00.40	54.1	56.8	53.3	189.	03.40	55.2	58.6	54.6
118.	21.45	55.7	65.8	54.6	154.	00.45	53.5	56.7	52.9	190.	03.45	55.3	66.6	54.5
119.	21.50	54.8	58.7	54.0	155.	00.50	54.0	58.3	53.3	191.	03.50	55.5	62.2	54.7
120.	21.55	55.0	56.7	54.4	156.	00.55	53.8	56.8	52.8	192.	03.55	55.3	58.4	54.1
121.	22.00	54.7	57.3	53.9	157.	01.00	53.6	56.7	52.8	193.	04.00	55.7	62.2	54.8
122.	22.05	56.5	74.8	54.4	158.	01.05	53.5	55.1	52.7	194.	04.05	55.4	60.1	54.3
123.	22.10	54.4	57.7	53.6	159.	01.10	54.2	58.3	53.4	195.	04.10	55.4	64.1	54.1
124.	22.15	54.8	59.2	54.0	160.	01.15	54.2	58.5	53.4	196.	04.15	55.4	57.1	54.7
125.	22.20	54.5	57.5	53.5	161.	01.20	54.4	61.4	53.5	197.	04.20	54.8	58.7	53.9
126.	22.25	54.7	57.6	53.9	162.	01.25	54.1	61.4	53.2	198.	04.25	56.1	66.7	54.6
127.	22.30	54.8	56.8	54.1	163.	01.30	53.9	62.1	52.9	199.	04.30	55.9	69.6	54.3
128.	22.35	54.2	57.1	53.4	164.	01.35	54.2	62.9	53.4	200.	04.35	55.3	63.7	54.4
129.	22.40	54.8	56.8	54.2	165.	01.40	54.3	60.6	53.5	201.	04.40	55.3	64.3	54.1
130.	22.45	54.3	57.3	53.5	166.	01.45	53.9	60.6	52.9	202.	04.45	55.9	61.0	54.9
131.	22.50	54.6	58.5	53.8	167.	01.50	54.1	58.4	53.2	203.	04.50	55.8	61.0	55.2
132.	22.55	54.4	56.5	53.7	168.	01.55	54.0	56.6	53.3	204.	04.55	55.6	62.4	54.8
133.	23.00	54.3	57.1	53.6	169.	02.00	54.4	62.1	53.5	205.	05.00	55.6	60.7	55.0
134.	23.05	54.1	56.5	53.3	170.	02.05	53.3	60.4	52.1	206.	05.05	55.1	60.5	54.5
135.	23.10	54.1	57.0	53.4	171.	02.10	53.4	55.6	52.8	207.	05.10	56.0	67.8	55.1
136.	23.15	55.5	62.8	53.5	172.	02.15	55.0	62.9	52.7	208.	05.15	55.4	60.4	54.6
137.	23.20	54.0	56.9	53.3	173.	02.20	54.3	65.4	53.0	209.	05.20	55.5	60.0	54.8
138.	23.25	54.4	59.2	53.8	174.	02.25	54.5	62.7	53.7	210.	05.25	55.5	61.7	54.6
139.	23.30	54.2	59.3	53.4	175.	02.30	54.2	58.4	53.4	211.	05.30	55.5	64.1	54.7
140.	23.35	54.7	61.4	54.0	176.	02.35	54.1	59.3	53.5	212.	05.35	55.6	58.5	54.4
141.	23.40	54.3	61.7	53.4	177.	02.40	53.8	63.0	53.0	213.	05.40	55.3	60.3	54.3
142.	23.45	54.8	59.4	54.2	178.	02.45	54.1	62.9	53.1	214.	05.45	55.5	60.3	54.8
143.	23.50	54.2	60.5	53.4	179.	02.50	54.9	62.2	53.5	215.	05.50	55.0	60.7	54.1
144.	23.55	54.5	60.2	53.7	180.	02.55	54.8	63.6	53.7	216.	05.55	54.8	57.9	54.1



Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(40/3-3)

ริมรั้วโครงการด้านตะวันตก														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		10-11/12/22					10-11/12/22					10-11/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
217.	06.00	55.0	62.3	54.1	241.	08.00	58.4	60.1	57.8	265.	10.00	54.4	61.9	53.2
218.	06.05	54.9	68.4	53.7	242.	08.05	58.6	61.0	57.8	266.	10.05	53.7	61.9	52.8
219.	06.10	57.1	70.8	54.3	243.	08.10	58.1	59.5	57.4	267.	10.10	53.0	61.9	52.2
220.	06.15	55.9	68.0	54.3	244.	08.15	57.9	63.3	57.3	268.	10.15	54.5	60.1	52.6
221.	06.20	55.5	65.4	54.7	245.	08.20	58.0	60.1	57.5	269.	10.20	55.3	63.3	54.3
222.	06.25	55.9	61.3	55.0	246.	08.25	58.8	60.5	57.8	270.	10.25	55.9	63.4	54.2
223.	06.30	58.5	66.3	56.6	247.	08.30	57.7	58.9	57.3	271.	10.30	54.1	60.7	52.6
224.	06.35	58.5	65.5	57.5	248.	08.35	57.4	59.3	56.6	272.	10.35	54.2	59.8	53.2
225.	06.40	58.0	60.1	57.6	249.	08.40	58.3	60.0	57.6	273.	10.40	56.4	71.9	53.4
226.	06.45	58.3	60.7	57.2	250.	08.45	57.6	60.8	57.0	274.	10.45	53.7	59.1	52.7
227.	06.50	58.0	60.7	57.5	251.	08.50	59.1	72.5	57.4	275.	10.50	57.3	72.2	53.0
228.	06.55	58.1	66.1	57.1	252.	08.55	57.5	59.0	57.0	276.	10.55	57.0	70.8	52.5
229.	07.00	58.3	60.9	57.6	253.	09.00	57.7	59.6	56.8	277.	11.00	55.6	69.8	52.3
230.	07.05	57.5	58.9	56.7	254.	09.05	57.6	59.2	57.0	278.	11.05	53.6	61.4	52.7
231.	07.10	57.8	61.4	57.0	255.	09.10	57.2	59.1	56.4	279.	11.10	53.7	59.6	52.6
232.	07.15	57.0	58.8	56.3	256.	09.15	58.3	61.2	57.5	280.	11.15	53.5	59.3	52.6
233.	07.20	56.9	59.1	56.2	257.	09.20	57.3	59.4	56.7	281.	11.20	53.0	59.0	51.7
234.	07.25	57.2	59.2	56.4	258.	09.25	57.6	60.6	56.8	282.	11.25	54.2	58.0	53.2
235.	07.30	57.9	63.0	57.0	259.	09.30	58.7	68.2	57.1	283.	11.30	53.1	58.1	51.6
236.	07.35	57.3	59.7	56.7	260.	09.35	57.8	70.4	56.9	284.	11.35	53.6	61.8	52.7
237.	07.40	57.7	60.1	56.8	261.	09.40	54.2	71.2	53.1	285.	11.40	53.3	62.2	52.0
238.	07.45	57.6	60.3	56.9	262.	09.45	54.4	64.0	53.2	286.	11.45	53.8	58.3	52.8
239.	07.50	57.3	59.2	56.7	263.	09.50	53.5	63.9	52.4	287.	11.50	53.5	61.8	52.0
240.	07.55	58.5	60.6	57.7	264.	09.55	53.1	61.4	52.2	288.	11.55	54.1	61.5	52.5

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager



Thai Environmental Technic Limited

บริษัท เทคนิกลิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ตะวันแดง 1999 จำกัด

Report No. : 3581/2022/41-42

Project : โครงการโรงงานผลิตแอลกอฮอล์และสุรา (ส่วนขยาย ครั้งที่ 1)
(ระยะดำเนินการ)

Report Date : December 19, 2022

Sampling Date : December 6-13, 2022

Address : เลขที่ 88 หมู่ที่ 15 บ้านเขาน้อย ตำบลหนองแขง
อำเภอหันคา จังหวัดชัยนาท

Type of Sample : Sound Level

Job No. : S650153/Dec

(41/1-3)

จิมรั่วโครงการด้านตะวันตก														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		11-12/12/22					11-12/12/22					11-12/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
1.	12.00	54.0	64.8	52.5	37.	15.00	55.3	63.1	53.9	73.	18.00	51.5	58.8	53.9
2.	12.05	53.4	58.7	52.2	38.	15.05	54.5	70.5	53.0	74.	18.05	56.0	64.7	54.0
3.	12.10	53.4	57.3	52.6	39.	15.10	53.9	60.8	53.0	75.	18.10	54.8	58.3	54.2
4.	12.15	53.3	61.6	52.2	40.	15.15	54.2	69.4	53.3	76.	18.15	55.1	58.1	54.6
5.	12.20	53.8	66.7	53.2	41.	15.20	55.4	67.4	53.3	77.	18.20	54.7	56.8	54.2
6.	12.25	56.0	60.3	53.0	42.	15.25	54.0	58.4	53.4	78.	18.25	54.7	57.8	54.0
7.	12.30	56.0	60.3	53.2	43.	15.30	54.5	61.6	53.8	79.	18.30	55.1	60.0	54.6
8.	12.35	55.3	60.0	54.5	44.	15.35	55.0	60.5	54.0	80.	18.35	55.3	59.8	54.6
9.	12.40	55.5	59.9	54.7	45.	15.40	54.2	62.7	53.4	81.	18.40	55.3	59.6	54.7
10.	12.45	55.4	59.0	54.1	46.	15.45	54.2	62.7	53.3	82.	18.45	55.2	60.5	54.6
11.	12.50	55.3	59.2	54.5	47.	15.50	54.0	58.0	53.4	83.	18.50	55.0	59.9	54.4
12.	12.55	55.0	57.7	53.8	48.	15.55	54.2	55.9	53.6	84.	18.55	54.7	60.2	54.2
13.	13.00	55.4	58.0	54.9	49.	16.00	54.1	59.8	53.4	85.	19.00	55.0	59.9	54.4
14.	13.05	55.2	61.1	54.4	50.	16.05	54.1	59.9	53.4	86.	19.05	54.5	60.1	53.9
15.	13.10	55.6	58.1	54.6	51.	16.10	54.2	58.0	53.2	87.	19.10	54.8	59.4	54.3
16.	13.15	55.3	58.2	54.5	52.	16.15	54.1	60.2	53.2	88.	19.15	54.7	59.1	54.1
17.	13.20	56.8	69.6	54.1	53.	16.20	54.3	67.5	53.3	89.	19.20	54.8	57.6	54.2
18.	13.25	56.3	64.1	54.8	54.	16.25	54.0	59.5	53.4	90.	19.25	54.2	59.5	53.6
19.	13.30	55.3	58.4	54.2	55.	16.30	53.7	60.0	53.1	91.	19.30	54.4	59.8	53.7
20.	13.35	58.5	71.8	54.8	56.	16.35	53.9	61.2	53.2	92.	19.35	54.2	59.2	53.0
21.	13.40	57.8	69.0	55.1	57.	16.40	53.8	59.4	53.3	93.	19.40	53.9	59.4	53.3
22.	13.45	56.8	64.7	55.4	58.	16.45	53.9	56.6	53.3	94.	19.45	54.1	58.9	53.5
23.	13.50	57.9	70.0	55.1	59.	16.50	54.4	56.0	53.9	95.	19.50	55.2	59.5	52.6
24.	13.55	57.2	64.2	55.9	60.	16.55	54.2	58.0	53.6	96.	19.55	55.2	58.5	52.6
25.	14.00	57.4	69.1	55.0	61.	17.00	54.3	56.3	53.8	97.	20.00	53.7	59.7	53.1
26.	14.05	56.5	67.0	54.7	62.	17.05	54.4	60.6	53.8	98.	20.05	53.7	55.1	53.2
27.	14.10	55.9	65.8	54.9	63.	17.10	54.5	57.2	54.0	99.	20.10	53.8	58.2	53.1
28.	14.15	55.9	60.0	54.8	64.	17.15	54.5	57.5	53.8	100.	20.15	54.5	58.9	53.2
29.	14.20	56.2	60.4	55.3	65.	17.20	54.4	59.0	53.6	101.	20.20	53.6	57.4	53.1
30.	14.25	55.9	68.1	54.7	66.	17.25	54.5	58.5	53.9	102.	20.25	53.6	58.9	53.1
31.	14.30	55.7	65.1	54.8	67.	17.30	54.1	57.2	53.4	103.	20.30	54.1	57.3	53.5
32.	14.35	56.3	65.8	54.8	68.	17.35	54.8	57.3	54.3	104.	20.35	54.4	57.1	53.8
33.	14.40	55.0	61.2	54.1	69.	17.40	54.2	58.4	53.4	105.	20.40	54.0	56.3	53.5
34.	14.45	54.4	62.5	53.7	70.	17.45	54.7	57.8	53.9	106.	20.45	54.2	57.4	53.6
35.	14.50	54.0	61.8	53.4	71.	17.50	54.2	60.5	53.6	107.	20.50	54.2	57.9	53.7
36.	14.55	55.4	65.5	54.2	72.	17.55	54.9	62.3	54.2	108.	20.55	54.0	56.3	53.5

**TET**

Thai Environmental Technic Limited

บริษัท เทคนิควิสิ่งแวดล้อมไทย จำกัด

(41/2 3)

พิมพ์โครงการด้านตะวันตก

จิมวีวีโครงการด้านตะวันตก														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		11-12/12/22					11-12/12/22					11-12/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
109.	21.00	54.3	58.3	53.6	145.	00.00	54.6	58.3	54.0	181.	03.00	53.9	58.2	53.1
110.	21.05	54.6	59.6	53.7	146.	00.05	54.3	59.9	53.6	182.	03.05	53.8	61.5	52.9
111.	21.10	53.4	58.2	52.9	147.	00.10	54.5	59.6	53.7	183.	03.10	54.1	58.3	53.3
112.	21.15	54.0	56.7	53.4	148.	00.15	54.5	61.4	53.8	184.	03.15	54.0	57.9	53.3
113.	21.20	55.4	63.3	53.3	149.	00.20	54.7	61.2	53.7	185.	03.20	54.4	61.8	53.5
114.	21.25	54.4	61.6	53.7	150.	00.25	54.7	63.7	53.8	186.	03.25	54.2	64.9	53.2
115.	21.30	54.9	58.2	54.2	151.	00.30	54.5	59.6	53.7	187.	03.30	54.0	61.8	52.6
116.	21.35	55.1	57.7	54.5	152.	00.35	54.8	60.7	54.0	188.	03.35	53.7	60.5	52.4
117.	21.40	55.0	59.4	54.1	153.	00.40	54.6	61.4	53.9	189.	03.40	53.8	61.3	52.7
118.	21.45	55.1	57.4	54.6	154.	00.45	54.8	61.0	54.1	190.	03.45	53.8	56.0	53.1
119.	21.50	55.1	58.5	54.4	155.	00.50	54.8	59.3	53.9	191.	03.50	53.3	64.2	52.4
120.	21.55	55.1	59.8	54.3	156.	00.55	55.0	64.0	54.2	192.	03.55	53.2	57.5	52.4
121.	22.00	55.2	59.4	54.2	157.	01.00	56.1	63.5	53.6	193.	04.00	53.7	61.8	52.7
122.	22.05	55.3	59.5	54.7	158.	01.05	55.0	58.8	54.4	194.	04.05	53.7	60.3	52.9
123.	22.10	55.2	60.6	54.5	159.	01.10	54.9	57.9	54.2	195.	04.10	53.8	63.9	52.9
124.	22.15	55.1	57.5	54.6	160.	01.15	56.5	73.4	54.4	196.	04.15	56.3	64.3	53.6
125.	22.20	54.7	60.2	54.0	161.	01.20	55.2	59.8	54.6	197.	04.20	53.9	60.6	53.1
126.	22.25	54.8	57.3	54.3	162.	01.25	55.0	58.3	54.4	198.	04.25	54.1	62.4	53.3
127.	22.30	54.5	58.4	53.9	163.	01.30	55.1	61.4	54.5	199.	04.30	54.3	60.1	53.7
128.	22.35	53.4	57.3	54.3	164.	01.35	55.1	60.2	54.5	200.	04.35	54.0	60.1	53.3
129.	22.40	53.0	58.4	54.1	165.	01.40	55.0	58.4	54.3	201.	04.40	54.3	60.4	53.3
130.	22.45	55.2	63.2	54.1	166.	01.45	54.9	58.0	54.1	202.	04.45	55.3	69.3	53.3
131.	22.50	55.1	60.4	54.2	167.	01.50	53.8	56.9	53.1	203.	04.50	54.5	59.1	53.8
132.	22.55	54.9	60.1	53.7	168.	01.55	54.6	58.4	54.1	204.	04.55	54.2	57.6	53.3
133.	23.00	55.2	63.1	54.3	169.	02.00	54.1	59.4	53.2	205.	05.00	54.7	56.8	54.0
134.	23.05	55.1	64.4	53.9	170.	02.05	54.8	59.7	53.4	206.	05.05	54.6	59.5	53.6
135.	23.10	55.4	63.7	54.4	171.	02.10	54.7	59.1	54.0	207.	05.10	55.7	62.4	53.7
136.	23.15	55.1	62.8	54.2	172.	02.15	54.3	58.1	53.6	208.	05.15	55.2	59.9	54.3
137.	23.20	55.1	61.7	54.2	173.	02.20	54.2	59.8	53.6	209.	05.20	55.1	58.6	54.2
138.	23.25	54.6	63.8	53.9	174.	02.25	54.6	63.1	53.4	210.	05.25	55.4	58.1	54.6
139.	23.30	54.5	61.9	53.8	175.	02.30	55.0	65.1	54.2	211.	05.30	55.2	58.5	54.5
140.	23.35	54.3	59.1	53.5	176.	02.35	54.9	64.2	53.8	212.	05.35	55.2	57.5	54.3
141.	23.40	54.5	61.1	53.8	177.	02.40	54.9	64.0	53.9	213.	05.40	55.6	58.3	54.7
142.	23.45	54.6	60.3	53.8	178.	02.45	59.0	77.8	54.0	214.	05.45	55.6	57.5	55.0
143.	23.50	54.6	60.5	54.1	179.	02.50	55.3	63.5	53.7	215.	05.50	55.7	63.1	54.9
144.	23.55	54.3	59.1	53.6	180.	02.55	53.5	57.4	52.8	216.	05.55	56.1	62.7	55.2



Thai Environmental Technic Limited
บริษัท เทคนิกลิ่งแวดล้อมไทย จำกัด

(41/3-3)

ริมรั้วโครงการด้านตะวันตก														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		11-12/12/22					11-12/12/22					11-12/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
217.	06.00	55.9	62.7	54.9	241.	08.00	56.4	62.4	55.5	265.	10.00	56.1	60.0	55.2
218.	06.05	55.3	57.9	54.6	242.	08.05	57.0	63.3	55.4	266.	10.05	56.0	61.5	55.0
219.	06.10	55.0	57.2	54.1	243.	08.10	56.3	65.2	55.4	267.	10.10	56.2	62.8	55.0
220.	06.15	55.0	62.3	54.1	244.	08.15	55.9	58.0	55.2	268.	10.15	55.8	62.4	55.0
221.	06.20	55.0	57.0	54.2	245.	08.20	56.0	60.1	54.8	269.	10.20	56.8	63.0	55.4
222.	06.25	56.0	72.6	54.4	246.	08.25	56.2	64.8	55.4	270.	10.25	55.8	58.8	55.0
223.	06.30	55.7	68.3	54.7	247.	08.30	56.0	60.9	54.8	271.	10.30	56.3	59.9	55.1
224.	06.35	55.5	58.4	54.7	248.	08.35	56.1	60.7	55.1	272.	10.35	58.2	73.0	55.0
225.	06.40	56.5	66.3	55.6	249.	08.40	56.5	61.6	55.6	273.	10.40	58.5	70.7	55.4
226.	06.45	56.1	58.9	55.2	250.	08.45	56.2	61.1	55.4	274.	10.45	57.6	68.5	55.8
227.	06.50	56.3	63.9	55.4	251.	08.50	56.5	61.3	55.7	275.	10.50	56.0	67.6	55.0
228.	06.55	56.7	66.9	55.4	252.	08.55	56.4	61.9	55.5	276.	10.55	55.8	62.2	55.1
229.	07.00	56.6	59.3	55.9	253.	09.00	56.3	61.3	55.4	277.	11.00	56.0	65.2	55.2
230.	07.05	57.0	72.8	55.8	254.	09.05	56.4	61.8	55.5	278.	11.05	56.1	60.4	55.3
231.	07.10	56.6	63.5	55.9	255.	09.10	56.5	61.5	55.5	279.	11.10	58.0	71.8	55.1
232.	07.15	56.1	60.7	55.1	256.	09.15	56.0	60.6	54.9	280.	11.15	58.5	75.2	55.4
233.	07.20	56.6	62.2	55.6	257.	09.20	56.4	58.4	55.6	281.	11.20	56.0	59.7	55.1
234.	07.25	56.5	59.1	55.6	258.	09.25	55.3	58.4	54.4	282.	11.25	56.5	59.7	55.7
235.	07.30	56.1	61.4	55.1	259.	09.30	56.0	59.2	55.2	283.	11.30	57.3	66.3	55.1
236.	07.35	55.7	61.3	54.6	260.	09.35	55.5	59.2	54.5	284.	11.35	57.3	66.0	55.7
237.	07.40	56.0	59.5	54.9	261.	09.40	56.3	61.1	55.4	285.	11.40	60.5	72.4	55.9
238.	07.45	56.6	63.4	55.9	262.	09.45	55.5	60.2	54.6	286.	11.45	59.5	72.2	55.3
239.	07.50	56.3	64.7	55.2	263.	09.50	56.1	58.6	55.4	287.	11.50	59.3	73.3	56.0
240.	07.55	56.5	64.2	55.6	264.	09.55	55.6	59.9	54.9	288.	11.55	56.6	59.6	55.6

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager



Thai Environmental Technic Limited

บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

Customer Name : บริษัท ตะวันแดง 1999 จำกัด

Report No. : 3581/2022/42-42

Project : โครงการโรงงานผลิตแอลกอฮอล์และสุรา (ส่วนขยาย ครั้งที่ 1)
(ระยะดำเนินการ)

Report Date : December 19, 2022

Sampling Date : December 6-13, 2022

Address : เลขที่ 88 หมู่ที่ 15 บ้านเขาน้อย ตำบลหนองแขง
อำเภอหันคา จังหวัดชัยนาท

Type of Sample : Sound Level

Job No. : S650153/Dec

(42/1-3)

จิมวีร์โครงการด้านตะวันตก														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		12-13/12/22					12-13/12/22					12-13/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
1.	12.00	56.6	62.8	55.8	37.	15.00	56.8	65.6	55.7	73.	18.00	56.8	71.0	53.5
2.	12.05	56.4	61.1	55.5	38.	15.05	56.3	63.0	55.2	74.	18.05	54.8	62.6	53.9
3.	12.10	56.3	60.2	55.6	39.	15.10	55.3	58.7	54.6	75.	18.10	54.9	60.8	53.8
4.	12.15	56.5	61.1	55.7	40.	15.15	55.7	63.1	54.8	76.	18.15	54.7	60.5	53.6
5.	12.20	56.6	60.9	55.9	41.	15.20	55.3	57.5	54.7	77.	18.20	54.2	60.2	52.9
6.	12.25	56.2	60.9	55.4	42.	15.25	55.3	57.7	54.7	78.	18.25	55.4	59.2	54.4
7.	12.30	56.1	62.0	55.4	43.	15.30	55.4	67.3	54.7	79.	18.30	54.3	59.3	52.8
8.	12.35	57.0	66.7	55.8	44.	15.35	55.1	59.2	54.3	80.	18.35	54.8	63.0	53.9
9.	12.40	56.4	61.2	55.8	45.	15.40	55.3	60.3	54.6	81.	18.40	54.5	63.4	53.2
10.	12.45	56.7	63.9	56.0	46.	15.45	54.6	58.4	54.1	82.	18.45	55.0	59.5	54.0
11.	12.50	58.5	75.3	57.1	47.	15.50	54.7	57.8	54.1	83.	18.50	54.7	63.0	54.2
12.	12.55	59.0	70.7	58.2	48.	15.55	54.5	59.6	53.9	84.	18.55	55.3	62.7	53.7
13.	13.00	58.8	61.4	58.2	49.	16.00	54.3	57.1	53.7	85.	19.00	55.2	66.0	53.7
14.	13.05	58.4	61.1	57.5	50.	16.05	54.9	57.2	54.3	86.	19.05	54.6	59.9	53.4
15.	13.10	58.6	59.8	58.0	51.	16.10	55.8	60.3	55.0	87.	19.10	54.6	58.5	53.8
16.	13.15	57.9	60.3	57.1	52.	16.15	55.5	61.6	54.7	88.	19.15	54.5	62.8	53.4
17.	13.20	57.8	61.6	57.1	53.	16.20	55.7	66.1	54.8	89.	19.20	57.0	67.9	54.4
18.	13.25	58.0	62.2	57.2	54.	16.25	55.7	61.6	54.7	90.	19.25	57.2	61.5	56.2
19.	13.30	58.0	65.2	57.2	55.	16.30	55.0	60.6	54.1	91.	19.30	57.2	61.5	56.4
20.	13.35	58.1	60.3	57.4	56.	16.35	61.6	77.9	54.7	92.	19.35	56.5	61.2	55.7
21.	13.40	57.8	60.6	57.3	57.	16.40	55.6	64.1	54.4	93.	19.40	56.7	61.1	55.9
22.	13.45	58.3	57.9	57.3	58.	16.45	56.0	65.2	54.9	94.	19.45	56.6	60.2	55.3
23.	13.50	58.5	58.4	57.9	59.	16.50	54.7	65.1	53.6	95.	19.50	56.5	60.4	55.7
24.	13.55	59.0	58.5	58.2	60.	16.55	54.3	62.6	53.4	96.	19.55	56.2	58.9	55.0
25.	14.00	58.7	65.4	58.1	61.	17.00	55.6	63.1	54.4	97.	20.00	56.6	59.2	56.1
26.	14.05	58.5	65.8	57.7	62.	17.05	54.9	63.1	54.0	98.	20.05	56.4	62.3	55.6
27.	14.10	58.9	69.6	58.2	63.	17.10	54.2	63.1	53.4	99.	20.10	56.8	59.3	55.8
28.	14.15	58.7	61.0	57.9	64.	17.15	55.7	61.3	53.8	100.	20.15	56.5	59.4	55.7
29.	14.20	58.2	60.1	57.7	65.	17.20	56.5	64.5	55.5	101.	20.20	58.0	70.8	55.3
30.	14.25	58.6	64.7	57.8	66.	17.25	57.1	64.6	55.4	102.	20.25	57.5	65.3	56.0
31.	14.30	57.7	64.1	56.4	67.	17.30	55.3	61.9	53.8	103.	20.30	56.5	59.6	55.4
32.	14.35	57.0	60.0	56.2	68.	17.35	55.4	61.0	54.4	104.	20.35	59.7	73.0	56.0
33.	14.40	56.5	60.1	55.9	69.	17.40	57.6	73.1	54.6	105.	20.40	59.0	70.2	56.3
34.	14.45	58.0	69.4	55.2	70.	17.45	54.9	60.3	53.9	106.	20.45	58.0	65.9	56.6
35.	14.50	57.1	67.7	55.9	71.	17.50	58.5	73.6	54.2	107.	20.50	59.1	71.2	56.3
36.	14.55	58.0	72.1	55.7	72.	17.55	58.2	72.0	53.7	108.	20.55	58.4	65.4	57.1



Thai Environmental Technic Limited
บริษัท เทคนิกลีซิงแวดล้อมไทย จำกัด

(42/2-3)

รวมโครงการด้านตะวันตก														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		12-13/12/22					12-13/12/22					12-13/12/22		
		Leq	Lmax	L ₉₅			Leq	Lmax	L ₉₅			Leq	Lmax	L ₉₅
109.	21.00	58.6	70.3	56.2	145.	00.00	55.5	57.5	55.0	181.	03.00	54.4	60.7	53.8
110.	21.05	57.7	68.2	55.9	146.	00.05	55.6	61.8	55.0	182.	03.05	54.4	59.7	53.8
111.	21.10	57.1	67.0	56.1	147.	00.10	55.7	58.4	55.2	183.	03.10	54.9	60.9	54.3
112.	21.15	57.1	61.2	56.0	148.	00.15	55.7	58.7	55.0	184.	03.15	54.9	56.3	54.4
113.	21.20	57.4	61.6	56.5	149.	00.20	55.6	60.2	54.8	185.	03.20	55.0	59.4	54.3
114.	21.25	57.1	69.3	55.9	150.	00.25	55.7	59.7	55.1	186.	03.25	55.7	60.1	54.6
115.	21.30	56.9	66.3	56.0	151.	00.30	55.4	72.4	54.3	187.	03.30	54.8	58.6	54.3
116.	21.35	57.5	67.0	56.0	152.	00.35	55.6	65.2	54.4	188.	03.35	54.8	60.1	54.3
117.	21.40	56.2	62.4	55.3	153.	00.40	55.3	58.4	54.6	189.	03.40	55.3	58.5	54.7
118.	21.45	55.6	63.7	54.9	154.	00.45	56.0	58.5	55.5	190.	03.45	55.6	58.3	55.0
119.	21.50	55.2	63.0	54.6	155.	00.50	55.4	59.6	54.6	191.	03.50	55.2	57.5	54.7
120.	21.55	56.6	66.7	53.4	156.	00.55	55.9	59.0	55.1	192.	03.55	55.4	58.6	54.8
121.	22.00	56.5	64.3	55.1	157.	01.00	55.4	61.7	54.8	193.	04.00	55.4	59.1	54.9
122.	22.05	55.7	71.7	54.2	158.	01.05	56.1	63.5	55.4	194.	04.05	55.2	57.5	54.7
123.	22.10	55.1	62.0	54.2	159.	01.10	55.7	60.0	55.1	195.	04.10	55.5	59.5	54.8
124.	22.15	55.4	70.6	54.5	160.	01.15	57.2	65.9	56.2	196.	04.15	55.8	60.8	54.9
125.	22.20	56.6	68.6	54.5	161.	01.20	56.0	59.5	55.4	197.	04.20	54.6	59.4	54.1
126.	22.25	55.2	59.6	54.6	162.	01.25	56.3	59.3	55.8	198.	04.25	55.2	57.9	54.6
127.	22.30	55.7	62.8	55.0	163.	01.30	55.9	58.0	55.4	199.	04.30	56.6	64.5	54.5
128.	22.35	56.2	61.7	55.2	164.	01.35	55.9	59.0	55.2	200.	04.35	55.6	62.8	54.9
129.	22.40	55.4	63.9	54.6	165.	01.40	56.3	61.2	55.8	201.	04.40	56.1	59.4	55.4
130.	22.45	55.4	63.9	54.5	166.	01.45	56.5	61.0	55.8	202.	04.45	56.3	58.9	55.7
131.	22.50	55.2	59.2	54.6	167.	01.50	56.5	60.8	55.9	203.	04.50	56.2	60.6	55.3
132.	22.55	55.4	57.1	54.8	168.	01.55	56.4	61.7	55.8	204.	04.55	56.3	58.6	55.8
133.	23.00	55.3	61.0	54.6	169.	02.00	56.2	61.1	55.6	205.	05.00	56.3	59.7	55.6
134.	23.05	55.3	61.1	54.6	170.	02.05	55.9	61.4	55.4	206.	05.05	56.3	61.0	55.5
135.	23.10	55.4	59.2	54.4	171.	02.10	56.2	61.1	55.6	207.	05.10	56.4	60.6	55.4
136.	23.15	55.3	61.4	54.4	172.	02.15	55.7	61.3	55.1	208.	05.15	56.5	60.7	55.9
137.	23.20	55.5	68.7	54.5	173.	02.20	56.0	60.6	55.5	209.	05.20	56.4	61.8	55.7
138.	23.25	55.2	60.7	54.6	174.	02.25	55.9	60.3	55.3	210.	05.25	56.3	58.7	55.8
139.	23.30	54.9	61.2	54.3	175.	02.30	56.0	58.8	55.4	211.	05.30	55.9	61.4	55.2
140.	23.35	55.1	62.4	54.4	176.	02.35	55.4	60.7	54.8	212.	05.35	56.0	58.5	55.5
141.	23.40	55.0	60.6	54.5	177.	02.40	55.6	61.0	54.9	213.	05.40	55.7	60.6	55.1
142.	23.45	55.1	57.6	54.5	178.	02.45	55.4	60.4	54.2	214.	05.45	56.6	58.5	55.5
143.	23.50	55.6	54.2	55.1	179.	02.50	55.1	60.6	54.5	215.	05.50	56.2	59.6	55.3
144.	23.55	55.4	59.2	54.8	180.	02.55	55.3	60.1	54.7	216.	05.55	56.4	64.4	55.3



Thai Environmental Technic Limited
บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

(42/3-3)

จิมวโครงการด้านตะวันตก														
Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))			Item	Time	Result : Leq 5 min (dB(A))		
		12-13/12/22					12-13/12/22					12-13/12/22		
		Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀			Leq	Lmax	L ₉₀
217.	06.00	56.3	61.6	55.4	241.	08.00	56.0	60.5	55.1	265.	10.00	57.8	64.0	57.0
218.	06.05	56.1	61.3	54.9	242.	08.05	56.2	65.2	55.4	266.	10.05	57.6	62.3	56.7
219.	06.10	56.4	64.3	55.5	243.	08.10	57.4	64.0	56.2	267.	10.10	57.5	61.4	56.8
220.	06.15	56.3	65.6	55.1	244.	08.15	57.0	63.6	56.2	268.	10.15	57.7	62.3	56.9
221.	06.20	56.6	64.9	55.6	245.	08.20	58.0	64.2	56.6	269.	10.20	57.8	62.1	57.1
222.	06.25	56.3	64.0	55.4	246.	08.25	57.0	60.0	56.2	270.	10.25	57.4	62.1	56.6
223.	06.30	56.3	62.9	55.4	247.	08.30	57.5	61.1	56.3	271.	10.30	57.3	63.2	56.6
224.	06.35	55.8	65.0	55.1	248.	08.35	59.4	74.2	56.2	272.	10.35	58.2	67.9	57.0
225.	06.40	55.7	63.1	55.0	249.	08.40	59.7	71.9	56.6	273.	10.40	57.6	62.4	57.0
226.	06.45	55.5	60.3	54.7	250.	08.45	58.8	69.7	57.0	274.	10.45	57.9	65.1	57.2
227.	06.50	55.7	62.3	55.0	251.	08.50	57.2	68.8	56.2	275.	10.50	56.2	60.0	55.6
228.	06.55	55.8	61.5	55.0	252.	08.55	57.0	63.4	56.3	276.	10.55	56.1	59.1	55.4
229.	07.00	55.8	61.7	55.3	253.	09.00	57.2	66.4	56.4	277.	11.00	57.7	74.6	55.6
230.	07.05	55.5	60.3	54.8	254.	09.05	57.3	61.6	56.5	278.	11.05	56.4	61.0	55.8
231.	07.10	55.8	59.5	55.2	255.	09.10	59.2	73.0	56.3	279.	11.10	56.2	59.5	55.6
232.	07.15	55.5	61.1	54.8	256.	09.15	59.7	76.4	56.6	280.	11.15	56.3	62.6	55.7
233.	07.20	55.7	60.8	54.9	257.	09.20	57.2	60.9	56.3	281.	11.20	56.3	61.4	55.7
234.	07.25	55.7	62.6	55.0	258.	09.25	57.7	60.9	56.9	282.	11.25	56.2	59.6	55.5
235.	07.30	55.9	62.4	54.9	259.	09.30	58.5	67.5	56.3	283.	11.30	56.1	59.2	55.3
236.	07.35	55.9	64.9	55.0	260.	09.35	58.5	67.2	56.9	284.	11.35	55.0	58.1	54.3
237.	07.40	55.7	60.8	54.9	261.	09.40	61.7	73.6	57.1	285.	11.40	55.8	59.6	55.3
238.	07.45	56.0	61.9	55.2	262.	09.45	60.7	73.4	56.5	286.	11.45	54.9	71.9	53.8
239.	07.50	55.8	62.6	55.1	263.	09.50	60.5	74.5	57.2	287.	11.50	55.1	64.7	53.9
240.	07.55	56.0	62.2	55.3	264.	09.55	57.8	60.8	56.8	288.	11.55	54.2	64.6	53.1

Wannasiri S.

Wannasiri Suriyawong



Somchai P.

Somchai Piyavorasakul
General Manager