

ภาคผนวก ค-1

ใบรายงานผลการตรวจวัดคุณภาพอากาศในบรรยากาศ
และระดับเสียงโดยทั่วไป

ANALYSIS REPORT

Analysis No. : Lab-AB 101/2565

Job No. : PCL 0867/65

Report Date : July 12, 2022

Customer Name : บริษัท ไอจี พอร์จ (ไทยแลนด์) จำกัด
Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110
Sampling Source : Ambient Air Quality
Sampling Point : บริเวณวัดเขาชีธรรมนิมิต
Sampling Date/Time : June 20-27, 2022/02.00 p.m. Received Date : June 28, 2022
GPS. Coordinate : UTM 47P 0721580 E, 1451033 N Analytical Date : June 28, 2022
Sampling Method : US. EPA. 40 CFR 50 Sampling Condition : Good
Method of Analysis : High-Volume Air Sampler/Gravimetric Method

Item	Measure Date	Unit	Result
			ฝุ่นละอองขนาดไม่เกิน 100 ไมครอน (TSP) 24 Hours Average
1.	20-21/6/22	mg/m ³	0.059
2.	21-22/6/22		0.062
3.	22-23/6/22		0.064
4.	23-24/6/22		0.060
5.	24-25/6/22		0.066
6.	25-26/6/22		0.065
7.	26-27/6/22		0.062
Standard ^{1/}			≤0.33

Remark : 1. ^{1/} ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 24 (พ.ศ. 2547) เรื่อง กำหนดมาตรฐานคุณภาพอากาศในบรรยากาศโดยทั่วไป (ลงวันที่ 9 สิงหาคม พ.ศ. 2547)
2. สภาพอากาศ : ปกติ



ANALYSIS REPORT

Analysis No. : Lab-AB 101/2565

Job No. : PCL 0867/65

Report Date : July 12, 2022

Customer Name : บริษัท ไอจี พอร์จ (ไทยแลนด์) จำกัด
Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110
Sampling Source : Ambient Air Quality
Sampling Point : บริเวณโรงพยาบาลส่งเสริมสุขภาพตำบลบ้านหนองค้อ
Sampling Date/Time : June 20-27, 2022/01.30 p.m. Received Date : June 28, 2022
GPS. Coordinate : UTM 47P 0719951 E, 1452018 N Analytical Date : June 28, 2022
Sampling Method : US. EPA. 40 CFR 50 Sampling Condition : Good
Method of Analysis : High-Volume Air Sampler/Gravimetric Method

Item	Measure Date	Unit	Result
			ฝุ่นละอองขนาดไม่เกิน 100 ไมครอน (TSP) 24 Hours Average
1.	20-21/6/22	mg/m ³	0.093
2.	21-22/6/22		0.091
3.	22-23/6/22		0.099
4.	23-24/6/22		0.098
5.	24-25/6/22		0.097
6.	25-26/6/22		0.096
7.	26-27/6/22		0.094
Standard ^{1/}			≤0.33

Remark : 1. ^{1/} ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 24 (พ.ศ. 2547) เรื่อง กำหนดมาตรฐานคุณภาพอากาศในบรรยากาศโดยทั่วไป (ลงวันที่ 9 สิงหาคม พ.ศ. 2547)
2. สภาพอากาศ : ปกติ

PACIFIC LABORATORY CO., LTD.
Lab Supervisor

ANALYSIS REPORT

Analysis No. : NH 160/2565

Job No. : PCL 0867/65

Report Date : July 20, 2022

Customer Name : บริษัท โอจี พอร์จ (ไทยแลนด์) จำกัด
 Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110
 Sampling Source : Community Noise
 Sampling Location : ทิศเหนือ (Slope area)
 Measured Date : June 20-21, 2022
 Measured Instrument : Sound Level Meter ACO Type 6226 Serial Number 200040

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
02:00 p.m. - 03:00 p.m.	61.6	80.4	56.0
03:00 p.m. - 04:00 p.m.	62.3	88.8	56.8
04:00 p.m. - 05:00 p.m.	66.0	89.4	58.8
05:00 p.m. - 06:00 p.m.	62.8	88.9	56.4
06:00 p.m. - 07:00 p.m.	61.3	83.6	55.6
07:00 p.m. - 08:00 p.m.	66.8	94.2	59.7
08:00 p.m. - 09:00 p.m.	63.8	63.8	63.8
09:00 p.m. - 10:00 p.m.	60.4	76.5	55.9
10:00 p.m. - 11:00 p.m.	60.3	78.1	56.2
11:00 p.m. - 00:00 p.m.	67.2	95.9	61.6
00:00 p.m. - 01:00 a.m.	67.4	95.1	63.4
01:00 a.m. - 02:00 a.m.	59.8	77.6	57.0
02:00 a.m. - 03:00 a.m.	59.9	76.8	56.4
03:00 a.m. - 04:00 a.m.	59.8	78.2	55.8
04:00 a.m. - 05:00 a.m.	62.3	88.7	55.4
05:00 a.m. - 06:00 a.m.	60.4	78.0	55.6
06:00 a.m. - 07:00 a.m.	64.3	86.1	57.6
07:00 a.m. - 08:00 a.m.	68.0	90.9	63.2
08:00 a.m. - 09:00 a.m.	65.5	96.4	57.0
09:00 a.m. - 10:00 a.m.	61.2	77.4	57.0
10:00 a.m. - 11:00 a.m.	62.2	78.5	56.8
11:00 a.m. - 12:00 a.m.	63.1	93.1	55.5
12:00 a.m. - 01:00 p.m.	61.1	81.2	55.9
01:00 p.m. - 02:00 p.m.	61.2	81.7	56.6
24 Hours Measured	63.7	96.4	58.6
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	69.7	-	-

Remark : 1. ^{1/} Notification of Ministry of Industry on the Prescription of the Values of Annoyance Sound Level and the sound Level caused by Engaging in a Factory Business B.E. 2548 (Dated 27 December B.E. 2548)



ANALYSIS REPORT

Analysis No. : NH 160/2565

Job No. : PCL 0867/65

Report Date : July 20, 2022

Customer Name : บริษัท ไอจี พอร์จ (ไทยแลนด์) จำกัด
 Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110
 Sampling Source : Community Noise
 Sampling Location : ทิศเหนือ (Slope area)
 Measured Date : June 21-22, 2022
 Measured Instrument : Sound Level Meter ACO Type 6226 Serial Number 200040

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
02:00 p.m. - 03:00 p.m.	61.4	86.8	56.8
03:00 p.m. - 04:00 p.m.	61.1	79.5	56.5
04:00 p.m. - 05:00 p.m.	64.8	90.0	58.0
05:00 p.m. - 06:00 p.m.	62.4	79.4	56.3
06:00 p.m. - 07:00 p.m.	61.2	83.1	56.2
07:00 p.m. - 08:00 p.m.	68.6	96.9	59.1
08:00 p.m. - 09:00 p.m.	63.6	84.1	57.4
09:00 p.m. - 10:00 p.m.	60.8	90.1	55.9
10:00 p.m. - 11:00 p.m.	59.8	77.2	55.7
11:00 p.m. - 00:00 p.m.	59.5	76.7	55.6
00:00 p.m. - 01:00 a.m.	57.5	78.4	53.7
01:00 a.m. - 02:00 a.m.	59.4	77.7	55.8
02:00 a.m. - 03:00 a.m.	59.4	76.2	55.6
03:00 a.m. - 04:00 a.m.	59.8	79.2	55.7
04:00 a.m. - 05:00 a.m.	59.9	82.6	54.9
05:00 a.m. - 06:00 a.m.	60.6	87.3	55.0
06:00 a.m. - 07:00 a.m.	63.6	83.5	57.1
07:00 a.m. - 08:00 a.m.	66.8	85.5	61.5
08:00 a.m. - 09:00 a.m.	63.2	84.3	56.5
09:00 a.m. - 10:00 a.m.	61.8	78.5	56.6
10:00 a.m. - 11:00 a.m.	62.0	79.8	56.9
11:00 a.m. - 12:00 a.m.	60.5	77.7	55.6
12:00 a.m. - 01:00 p.m.	61.4	83.1	56.4
01:00 p.m. - 02:00 p.m.	61.5	79.2	57.5
24 Hours Measured	62.5	96.9	56.8
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	66.9	-	-

Remark : 1. ^{1/} Notification of Ministry of Industry on the Prescription of the Values of Annoyance Sound Level and the sound Level caused by Engaging in a Factory Business B.E. 2548 (Dated 27 December B.E. 2548)



ANALYSIS REPORT

Analysis No. : NH 160/2565

Job No. : PCL 0867/65

Report Date : July 20, 2022

Customer Name : บริษัท โอจี ฟอรัจ (ไทยแลนด์) จำกัด
 Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110
 Sampling Source : Community Noise
 Sampling Location : ทิศเหนือ (Slope area)
 Measured Date : June 22-23, 2022
 Measured Instrument : Sound Level Meter ACO Type 6226 Serial Number 200040

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
02:00 p.m. - 03:00 p.m.	61.8	82.3	57.0
03:00 p.m. - 04:00 p.m.	60.8	78.9	57.0
04:00 p.m. - 05:00 p.m.	64.2	88.0	57.7
05:00 p.m. - 06:00 p.m.	62.8	85.6	56.4
06:00 p.m. - 07:00 p.m.	61.6	84.3	56.7
07:00 p.m. - 08:00 p.m.	65.8	90.4	58.9
08:00 p.m. - 09:00 p.m.	64.0	88.1	56.9
09:00 p.m. - 10:00 p.m.	64.6	94.6	55.6
10:00 p.m. - 11:00 p.m.	60.2	80.9	56.0
11:00 p.m. - 00:00 p.m.	59.7	76.5	55.6
00:00 p.m. - 01:00 a.m.	56.1	72.5	53.6
01:00 a.m. - 02:00 a.m.	59.9	78.6	56.0
02:00 a.m. - 03:00 a.m.	58.7	76.9	55.6
03:00 a.m. - 04:00 a.m.	59.6	77.2	55.8
04:00 a.m. - 05:00 a.m.	66.1	98.2	54.8
05:00 a.m. - 06:00 a.m.	60.1	76.1	55.4
06:00 a.m. - 07:00 a.m.	63.8	85.7	56.6
07:00 a.m. - 08:00 a.m.	68.0	96.7	61.8
08:00 a.m. - 09:00 a.m.	62.6	83.7	56.9
09:00 a.m. - 10:00 a.m.	65.8	90.9	62.0
10:00 a.m. - 11:00 a.m.	63.8	89.6	59.5
11:00 a.m. - 12:00 a.m.	61.4	81.8	56.1
12:00 a.m. - 01:00 p.m.	61.1	84.5	56.2
01:00 p.m. - 02:00 p.m.	60.5	79.5	57.5
24 Hours Measured	63.1	98.2	57.4
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	68.4	-	-

Remark : 1. ^{1/} Notification of Ministry of Industry on the Prescription of the Values of Annoyance Sound Level and the sound Level caused by Engaging in a Factory Business B.E. 2548 (Dated 27 December B.E. 2548)



Lab. Supervisor

ANALYSIS REPORT

Analysis No. : NH 160/2565

Job No. : PCL 0867/65

Report Date : July 20, 2022

Customer Name : บริษัท โอจี ฟอรัจ (ไทยแลนด์) จำกัด
 Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอสรีราชา จังหวัดชลบุรี 20110
 Sampling Source : Community Noise
 Sampling Location : ทิศเหนือ (Slope area)
 Measured Date : June 23-24, 2022
 Measured Instrument : Sound Level Meter ACO Type 6226 Serial Number 200040

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
02:00 p.m. – 03:00 p.m.	60.4	77.1	56.4
03:00 p.m. – 04:00 p.m.	61.7	88.1	57.3
04:00 p.m. – 05:00 p.m.	65.1	92.7	58.9
05:00 p.m. – 06:00 p.m.	63.4	86.5	56.5
06:00 p.m. – 07:00 p.m.	61.5	83.4	56.4
07:00 p.m. – 08:00 p.m.	67.0	85.9	60.4
08:00 p.m. – 09:00 p.m.	62.9	84.8	57.7
09:00 p.m. – 10:00 p.m.	62.8	92.5	55.6
10:00 p.m. – 11:00 p.m.	60.6	76.0	56.2
11:00 p.m. – 00:00 p.m.	59.0	79.9	54.8
00:00 p.m. – 01:00 a.m.	56.8	77.2	53.4
01:00 a.m. – 02:00 a.m.	60.3	79.5	56.3
02:00 a.m. – 03:00 a.m.	59.0	76.0	55.2
03:00 a.m. – 04:00 a.m.	58.5	79.9	55.3
04:00 a.m. – 05:00 a.m.	61.5	86.0	53.8
05:00 a.m. – 06:00 a.m.	62.8	85.9	57.2
06:00 a.m. – 07:00 a.m.	66.0	86.5	59.2
07:00 a.m. – 08:00 a.m.	69.4	96.6	64.2
08:00 a.m. – 09:00 a.m.	67.0	97.5	57.2
09:00 a.m. – 10:00 a.m.	62.0	79.2	56.2
10:00 a.m. – 11:00 a.m.	62.2	80.6	57.9
11:00 a.m. – 12:00 a.m.	61.7	87.8	55.7
12:00 a.m. – 01:00 p.m.	61.0	78.4	55.7
01:00 p.m. – 02:00 p.m.	62.7	77.7	57.7
24 Hours Measured	63.4	97.5	57.6
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	67.8	-	-

Remark : 1. ^{1/} Notification of Ministry of Industry on the Prescription of the Values of Annoyance Sound Level and the sound Level caused by Engaging in a Factory Business B.E. 2548 (Dated 27 December B.E. 2548)

PACIFIC LABORATORY CO., LTD.
 Lab. Supervisor

ANALYSIS REPORT

Analysis No. : NH 160/2565

Job No. : PCL 0867/65

Report Date : July 20, 2022

Customer Name : บริษัท โอจี ฟอรัจ (ไทยแลนด์) จำกัด
 Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอสรรีราชา จังหวัดชลบุรี 20110
 Sampling Source : Community Noise
 Sampling Location : หาดเหนือ (Slope area)
 Measured Date : June 24-25, 2022
 Measured Instrument : Sound Level Meter ACO Type 6226 Serial Number 200040

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
02:00 p.m. – 03:00 p.m.	62.0	84.2	57.3
03:00 p.m. – 04:00 p.m.	61.9	83.7	57.0
04:00 p.m. – 05:00 p.m.	65.7	90.1	58.1
05:00 p.m. – 06:00 p.m.	63.6	81.6	56.4
06:00 p.m. – 07:00 p.m.	61.3	87.4	53.9
07:00 p.m. – 08:00 p.m.	65.4	84.9	58.7
08:00 p.m. – 09:00 p.m.	63.1	82.5	57.4
09:00 p.m. – 10:00 p.m.	61.8	92.2	56.0
10:00 p.m. – 11:00 p.m.	59.5	76.3	55.3
11:00 p.m. – 00:00 p.m.	58.3	77.7	54.2
00:00 p.m. – 01:00 a.m.	54.8	75.4	51.9
01:00 a.m. – 02:00 a.m.	58.5	78.1	54.7
02:00 a.m. – 03:00 a.m.	58.2	79.4	54.4
03:00 a.m. – 04:00 a.m.	56.5	72.8	53.8
04:00 a.m. – 05:00 a.m.	62.3	91.5	52.6
05:00 a.m. – 06:00 a.m.	60.1	85.6	53.6
06:00 a.m. – 07:00 a.m.	61.7	83.4	54.3
07:00 a.m. – 08:00 a.m.	67.3	92.6	60.6
08:00 a.m. – 09:00 a.m.	63.3	89.6	54.7
09:00 a.m. – 10:00 a.m.	58.1	78.8	53.3
10:00 a.m. – 11:00 a.m.	59.6	78.6	53.9
11:00 a.m. – 12:00 a.m.	58.7	77.0	53.1
12:00 a.m. – 01:00 p.m.	59.4	82.7	53.6
01:00 p.m. – 02:00 p.m.	58.0	76.1	54.0
24 Hours Measured	61.8	92.6	55.7
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	66.5	-	-

Remark : 1. ^{1/} Notification of Ministry of Industry on the Prescription of the Values of Annoyance Sound Level and the sound Level caused by Engaging in a Factory Business B.E. 2548 (Dated 27 December B.E. 2548)

PACIFIC LABORATORY CO., LTD.
 Lab Supervisor

ANALYSIS REPORT

Analysis No. : NH 160/2565

Job No. : PCL 0867/65

Report Date : July 20, 2022

Customer Name : บริษัท ไอจี พอร์จ (ไทยแลนด์) จำกัด
 Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110
 Sampling Source : Community Noise
 Sampling Location : ทิศเหนือ (Slope area)
 Measured Date : June 25-26, 2022
 Measured Instrument : Sound Level Meter ACO Type 6226 Serial Number 200040

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
02:00 p.m. – 03:00 p.m.	57.8	81.3	53.0
03:00 p.m. – 04:00 p.m.	58.8	79.4	53.8
04:00 p.m. – 05:00 p.m.	61.5	80.5	56.0
05:00 p.m. – 06:00 p.m.	63.1	90.3	54.3
06:00 p.m. – 07:00 p.m.	60.2	85.9	53.0
07:00 p.m. – 08:00 p.m.	64.1	85.8	57.1
08:00 p.m. – 09:00 p.m.	60.7	83.4	54.1
09:00 p.m. – 10:00 p.m.	54.9	73.8	52.2
10:00 p.m. – 11:00 p.m.	55.6	90.3	52.2
11:00 p.m. – 00:00 p.m.	54.8	77.1	52.0
00:00 p.m. – 01:00 a.m.	56.9	69.9	55.3
01:00 a.m. – 02:00 a.m.	54.1	72.4	52.2
02:00 a.m. – 03:00 a.m.	53.6	65.0	51.9
03:00 a.m. – 04:00 a.m.	53.9	64.4	52.2
04:00 a.m. – 05:00 a.m.	58.1	81.3	52.4
05:00 a.m. – 06:00 a.m.	57.9	79.9	52.6
06:00 a.m. – 07:00 a.m.	58.1	75.1	52.7
07:00 a.m. – 08:00 a.m.	65.0	90.3	55.7
08:00 a.m. – 09:00 a.m.	58.6	78.4	51.0
09:00 a.m. – 10:00 a.m.	56.7	75.0	50.5
10:00 a.m. – 11:00 a.m.	57.3	77.1	50.5
11:00 a.m. – 12:00 a.m.	62.3	85.9	55.4
12:00 a.m. – 01:00 p.m.	57.2	76.5	50.4
01:00 p.m. – 02:00 p.m.	55.8	73.4	50.2
24 Hours Measured	59.5	90.3	53.4
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	63.4	-	-

Remark : 1. ^{1/} Notification of Ministry of Industry on the Prescription of the Values of Annoyance Sound Level and the sound Level caused by Engaging in a Factory Business B.E. 2548 (Dated 27 December B.E. 2548)



ANALYSIS REPORT

Analysis No. : NH 160/2565

Job No. : PCL 0867/65

Report Date : July 20, 2022

Customer Name : บริษัท โอจี พอร์จ (ไทยแลนด์) จำกัด
 Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110
 Sampling Source : Community Noise
 Sampling Location : ทิศเหนือ (Slope area)
 Measured Date : June 26-27, 2022
 Measured Instrument : Sound Level Meter ACO Type 6226 Serial Number 200040

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
02:00 p.m. - 03:00 p.m.	55.8	76.1	50.2
03:00 p.m. - 04:00 p.m.	55.4	71.8	50.4
04:00 p.m. - 05:00 p.m.	63.2	94.3	51.7
05:00 p.m. - 06:00 p.m.	60.7	92.1	51.0
06:00 p.m. - 07:00 p.m.	56.0	75.7	50.5
07:00 p.m. - 08:00 p.m.	62.9	90.3	51.1
08:00 p.m. - 09:00 p.m.	59.7	87.1	51.3
09:00 p.m. - 10:00 p.m.	54.5	82.9	50.7
10:00 p.m. - 11:00 p.m.	52.5	65.3	50.3
11:00 p.m. - 00:00 p.m.	56.5	91.9	50.7
00:00 p.m. - 01:00 a.m.	53.3	71.3	50.7
01:00 a.m. - 02:00 a.m.	51.8	60.3	49.7
02:00 a.m. - 03:00 a.m.	52.0	68.7	49.3
03:00 a.m. - 04:00 a.m.	51.6	66.2	49.4
04:00 a.m. - 05:00 a.m.	54.1	75.7	49.9
05:00 a.m. - 06:00 a.m.	57.0	75.6	50.8
06:00 a.m. - 07:00 a.m.	63.1	84.5	55.1
07:00 a.m. - 08:00 a.m.	66.1	89.4	60.7
08:00 a.m. - 09:00 a.m.	61.4	77.4	55.5
09:00 a.m. - 10:00 a.m.	61.5	78.6	56.0
10:00 a.m. - 11:00 a.m.	62.0	79.9	56.8
11:00 a.m. - 12:00 a.m.	62.0	78.0	56.7
12:00 a.m. - 01:00 p.m.	58.9	79.2	57.6
01:00 p.m. - 02:00 p.m.	59.1	69.5	57.8
24 Hours Measured	59.9	94.3	54.1
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	62.7	-	-

Remark : 1. ^{1/} Notification of Ministry of Industry on the Prescription of the Values of Annoyance Sound Level and the sound Level caused by Engaging in a Factory Business B.E. 2548 (Dated 27 December B.E. 2548)



ANALYSIS REPORT

Analysis No. : NH 160/2565

Job No. : PCL 0867/65

Report Date : July 20, 2022

Customer Name : บริษัท โอจี ฟอรัจ (ไทยแลนด์) จำกัด
 Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110
 Sampling Source : Community Noise
 Sampling Location : หิดใต้ (บริเวณหลังลาน Emer)
 Measured Date : June 20-21, 2022
 Measured Instrument : Sound Level Meter ACO Type 6226 Serial Number 170091

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
03:00 p.m. - 04:00 p.m.	54.5	78.3	52.2
04:00 p.m. - 05:00 p.m.	55.4	75.1	53.9
05:00 p.m. - 06:00 p.m.	54.0	71.9	52.6
06:00 p.m. - 07:00 p.m.	53.9	69.0	52.5
07:00 p.m. - 08:00 p.m.	54.5	67.2	53.4
08:00 p.m. - 09:00 p.m.	55.4	61.8	54.3
09:00 p.m. - 10:00 p.m.	55.1	61.9	53.9
10:00 p.m. - 11:00 p.m.	57.0	76.5	54.8
11:00 p.m. - 00:00 p.m.	55.9	68.9	54.8
00:00 p.m. - 01:00 a.m.	74.3	106.9	63.4
01:00 a.m. - 02:00 a.m.	73.7	114.6	57.9
02:00 a.m. - 03:00 a.m.	61.6	98.5	57.9
03:00 a.m. - 04:00 a.m.	59.9	95.2	57.7
04:00 a.m. - 05:00 a.m.	59.1	72.5	57.5
05:00 a.m. - 06:00 a.m.	57.8	80.9	55.3
06:00 a.m. - 07:00 a.m.	58.6	71.5	56.7
07:00 a.m. - 08:00 a.m.	57.7	73.5	55.5
08:00 a.m. - 09:00 a.m.	54.8	74.5	52.8
09:00 a.m. - 10:00 a.m.	54.9	69.0	52.6
10:00 a.m. - 11:00 a.m.	53.7	66.1	52.3
11:00 a.m. - 12:00 a.m.	53.3	66.6	51.6
12:00 a.m. - 01:00 p.m.	52.4	70.4	50.5
01:00 p.m. - 02:00 p.m.	53.4	65.3	51.8
02:00 p.m. - 03:00 p.m.	53.0	63.2	51.6
24 Hours Measured	64.0	114.6	55.7
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	73.7	-	-

Remark : 1. ^{1/} Notification of Ministry of Industry on the Prescription of the Values of Annoyance Sound Level and the sound Level caused by Engaging in a Factory Business B.E. 2548 (Dated 27 December B.E. 2548)



ANALYSIS REPORT

Analysis No. : NH 160/2565

Job No. : PCL 0867/65

Report Date : July 20, 2022

Customer Name : บริษัท โอจี พอร์จ (ไทยแลนด์) จำกัด
 Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110
 Sampling Source : Community Noise
 Sampling Location : ทิศใต้ (บริเวณหลังลาน Emer)
 Measured Date : June 21-22, 2022
 Measured Instrument : Sound Level Meter ACO Type 6226 Serial Number 170091

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
03:00 p.m. – 04:00 p.m.	53.9	77.5	51.4
04:00 p.m. – 05:00 p.m.	54.8	74.6	51.9
05:00 p.m. – 06:00 p.m.	53.2	74.4	51.3
06:00 p.m. – 07:00 p.m.	53.5	70.9	51.8
07:00 p.m. – 08:00 p.m.	54.8	64.9	53.4
08:00 p.m. – 09:00 p.m.	55.8	68.4	54.6
09:00 p.m. – 10:00 p.m.	55.5	66.2	54.3
10:00 p.m. – 11:00 p.m.	55.5	72.8	54.0
11:00 p.m. – 00:00 p.m.	55.2	66.3	53.8
00:00 p.m. – 01:00 a.m.	53.0	58.1	51.7
01:00 a.m. – 02:00 a.m.	54.7	64.2	53.3
02:00 a.m. – 03:00 a.m.	54.0	75.2	52.6
03:00 a.m. – 04:00 a.m.	55.0	66.9	53.4
04:00 a.m. – 05:00 a.m.	54.6	64.2	53.1
05:00 a.m. – 06:00 a.m.	54.9	70.4	52.4
06:00 a.m. – 07:00 a.m.	55.5	75.0	53.2
07:00 a.m. – 08:00 a.m.	55.1	71.1	52.8
08:00 a.m. – 09:00 a.m.	53.7	67.7	51.7
09:00 a.m. – 10:00 a.m.	56.8	71.0	52.3
10:00 a.m. – 11:00 a.m.	54.1	70.7	52.6
11:00 a.m. – 12:00 a.m.	54.6	72.2	52.8
12:00 a.m. – 01:00 p.m.	54.2	79.0	51.4
01:00 p.m. – 02:00 p.m.	54.6	79.6	53.1
02:00 p.m. – 03:00 p.m.	54.2	78.5	52.3
24 Hours Measured	54.7	79.6	52.8
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	61.2	-	-

Remark : 1. ^{1/} Notification of Ministry of Industry on the Prescription of the Values of Annoyance Sound Level and the sound Level caused by Engaging in a Factory Business B.E. 2548 (Dated 27 December B.E. 2548)

PACIFIC LABORATORY CO., LTD.
 Lab. Supervisor

ANALYSIS REPORT

Analysis No. : NH 160/2565

Job No. : PCL 0867/65

Report Date : July 20, 2022

Customer Name : บริษัท โอจี พอร์จ (ไทยแลนด์) จำกัด
 Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110
 Sampling Source : Community Noise
 Sampling Location : ทิศใต้ (บริเวณหลังลาน Emer)
 Measured Date : June 22-23, 2022
 Measured Instrument : Sound Level Meter ACO Type 6226 Serial Number 170091

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
03:00 p.m. - 04:00 p.m.	54.3	73.2	52.1
04:00 p.m. - 05:00 p.m.	53.5	73.1	51.7
05:00 p.m. - 06:00 p.m.	53.5	68.7	51.9
06:00 p.m. - 07:00 p.m.	53.5	72.0	51.8
07:00 p.m. - 08:00 p.m.	54.9	65.1	53.7
08:00 p.m. - 09:00 p.m.	55.4	63.8	54.2
09:00 p.m. - 10:00 p.m.	55.2	68.7	54.0
10:00 p.m. - 11:00 p.m.	55.0	66.2	53.5
11:00 p.m. - 00:00 p.m.	54.7	68.5	53.4
00:00 p.m. - 01:00 a.m.	53.0	56.9	51.5
01:00 a.m. - 02:00 a.m.	53.9	65.8	52.5
02:00 a.m. - 03:00 a.m.	53.3	68.0	52.1
03:00 a.m. - 04:00 a.m.	53.7	60.1	52.4
04:00 a.m. - 05:00 a.m.	54.5	68.6	53.0
05:00 a.m. - 06:00 a.m.	54.7	71.6	52.5
06:00 a.m. - 07:00 a.m.	55.4	71.8	53.8
07:00 a.m. - 08:00 a.m.	54.3	70.9	52.4
08:00 a.m. - 09:00 a.m.	53.0	69.9	51.4
09:00 a.m. - 10:00 a.m.	59.8	84.0	56.2
10:00 a.m. - 11:00 a.m.	74.2	114.8	60.4
11:00 a.m. - 12:00 a.m.	58.9	70.2	57.1
12:00 a.m. - 01:00 p.m.	56.2	70.4	54.5
01:00 p.m. - 02:00 p.m.	54.8	75.6	52.8
02:00 p.m. - 03:00 p.m.	55.0	69.5	53.2
24 Hours Measured	61.5	114.8	54.1
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	63.6	-	-

Remark : 1. ^{1/} Notification of Ministry of Industry on the Prescription of the Values of Annoyance Sound Level and the sound Level caused by Engaging in a Factory Business B.E. 2548 (Dated 27 December B.E. 2548)

PACIFIC LABORATORY CO., LTD.
 Lab. supervisor

ANALYSIS REPORT

Analysis No. : NH 160/2565

Job No. : PCL 0867/65

Report Date : July 20, 2022

Customer Name : บริษัท ไอจี พอร์จ (ไทยแลนด์) จำกัด
 Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมบึงทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110
 Sampling Source : Community Noise
 Sampling Location : ทิศใต้ (บริเวณหลังลาน Emer)
 Measured Date : June 23-24, 2022
 Measured Instrument : Sound Level Meter ACO Type 6226 Serial Number 170091

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
03:00 p.m. – 04:00 p.m.	54.6	65.2	53.1
04:00 p.m. – 05:00 p.m.	54.5	77.4	52.7
05:00 p.m. – 06:00 p.m.	52.9	62.5	51.5
06:00 p.m. – 07:00 p.m.	53.8	66.9	52.4
07:00 p.m. – 08:00 p.m.	55.0	65.1	53.6
08:00 p.m. – 09:00 p.m.	54.9	64.3	54.0
09:00 p.m. – 10:00 p.m.	55.0	64.9	54.0
10:00 p.m. – 11:00 p.m.	55.3	66.8	54.2
11:00 p.m. – 00:00 p.m.	55.2	66.8	54.0
00:00 p.m. – 01:00 a.m.	53.2	58.6	51.8
01:00 a.m. – 02:00 a.m.	55.1	64.9	53.7
02:00 a.m. – 03:00 a.m.	55.1	64.1	53.7
03:00 a.m. – 04:00 a.m.	54.9	61.3	53.5
04:00 a.m. – 05:00 a.m.	54.5	72.0	53.0
05:00 a.m. – 06:00 a.m.	55.4	89.1	53.1
06:00 a.m. – 07:00 a.m.	70.1	108.8	59.0
07:00 a.m. – 08:00 a.m.	61.2	101.3	55.4
08:00 a.m. – 09:00 a.m.	56.6	82.5	54.1
09:00 a.m. – 10:00 a.m.	63.6	80.0	58.0
10:00 a.m. – 11:00 a.m.	58.1	79.9	53.9
11:00 a.m. – 12:00 a.m.	54.1	65.5	52.5
12:00 a.m. – 01:00 p.m.	53.2	68.6	51.1
01:00 p.m. – 02:00 p.m.	54.1	68.3	52.6
02:00 p.m. – 03:00 p.m.	54.6	70.0	52.1
24 Hours Measured	59.3	108.8	54.1
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	62.8	-	-

Remark : 1. ^{1/} Notification of Ministry of Industry on the Prescription of the Values of Annoyance Sound Level and the sound Level caused by Engaging in a Factory Business B.E. 2548 (Dated 27 December B.E. 2548)

PACIFIC LABORATORY CO., LTD.

 Lab. Supervisor

ANALYSIS REPORT

Analysis No. : NH 160/2565

Job No. : PCL 0867/65

Report Date : July 20, 2022

Customer Name : บริษัท โอจี ฟอรัจ (ไทยแลนด์) จำกัด
 Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110
 Sampling Source : Community Noise
 Sampling Location : ทิศใต้ (บริเวณหลังลาน Emer)
 Measured Date : June 24-25, 2022
 Measured Instrument : Sound Level Meter ACO Type 6226 Serial Number 170091

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
03:00 p.m. – 04:00 p.m.	54.7	67.1	52.7
04:00 p.m. – 05:00 p.m.	54.3	74.8	52.1
05:00 p.m. – 06:00 p.m. *	52.8	69.5	51.3
06:00 p.m. – 07:00 p.m.	53.1	75.3	51.5
07:00 p.m. – 08:00 p.m.	53.4	61.9	52.0
08:00 p.m. – 09:00 p.m.	54.5	60.7	53.4
09:00 p.m. – 10:00 p.m.	54.2	61.2	53.1
10:00 p.m. – 11:00 p.m.	55.0	60.6	53.9
11:00 p.m. – 00:00 p.m.	54.7	60.8	53.5
00:00 p.m. – 01:00 a.m.	53.2	60.1	52.0
01:00 a.m. – 02:00 a.m.	54.7	67.2	53.4
02:00 a.m. – 03:00 a.m.	54.8	64.8	53.5
03:00 a.m. – 04:00 a.m.	54.8	64.0	53.3
04:00 a.m. – 05:00 a.m.	53.6	60.1	52.6
05:00 a.m. – 06:00 a.m.	54.1	74.3	51.7
06:00 a.m. – 07:00 a.m.	54.2	74.9	52.1
07:00 a.m. – 08:00 a.m.	54.0	73.3	51.7
08:00 a.m. – 09:00 a.m.	53.6	69.2	51.7
09:00 a.m. – 10:00 a.m.	53.4	69.4	51.5
10:00 a.m. – 11:00 a.m.	53.9	65.7	52.0
11:00 a.m. – 12:00 a.m.	53.9	68.3	52.2
12:00 a.m. – 01:00 p.m.	52.9	78.9	50.2
01:00 p.m. – 02:00 p.m.	55.4	70.9	52.4
02:00 p.m. – 03:00 p.m.	57.6	70.7	54.9
24 Hours Measured	54.3	78.9	52.6
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	60.8	-	-

Remark : 1. ^{1/} Notification of Ministry of Industry on the Prescription of the Values of Annoyance Sound Level and the sound Level caused by Engaging in a Factory Business B.E. 2548 (Dated 27 December B.E. 2548)



ANALYSIS REPORT

Analysis No. : NH 160/2565

Job No. : PCL 0867/65

Report Date : July 20, 2022

Customer Name : บริษัท โอจี ฟอรัจ (ไทยแลนด์) จำกัด
 Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมบึงทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110
 Sampling Source : Community Noise
 Sampling Location : ทิศใต้ (บริเวณหลังลาน Emer)
 Measured Date : June 25-26, 2022
 Measured Instrument : Sound Level Meter ACO Type 6226 Serial Number 170091

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
03:00 p.m. – 04:00 p.m.	53.8	73.7	51.8
04:00 p.m. – 05:00 p.m.	52.9	68.1	51.0
05:00 p.m. – 06:00 p.m.	52.8	67.0	51.1
06:00 p.m. – 07:00 p.m.	54.5	74.7	51.7
07:00 p.m. – 08:00 p.m.	54.2	68.8	53.1
08:00 p.m. – 09:00 p.m.	54.4	62.6	53.4
09:00 p.m. – 10:00 p.m.	53.8	57.8	52.7
10:00 p.m. – 11:00 p.m.	53.3	56.8	52.2
11:00 p.m. – 00:00 p.m.	53.1	56.7	51.8
00:00 p.m. – 01:00 a.m.	52.7	68.9	51.2
01:00 a.m. – 02:00 a.m.	52.6	70.0	51.0
02:00 a.m. – 03:00 a.m.	52.6	74.1	51.0
03:00 a.m. – 04:00 a.m.	53.3	73.1	51.8
04:00 a.m. – 05:00 a.m.	52.9	73.0	51.4
05:00 a.m. – 06:00 a.m.	52.8	60.8	51.4
06:00 a.m. – 07:00 a.m.	56.6	82.9	51.8
07:00 a.m. – 08:00 a.m.	53.6	73.0	51.8
08:00 a.m. – 09:00 a.m.	52.5	68.0	50.4
09:00 a.m. – 10:00 a.m.	51.7	67.2	49.4
10:00 a.m. – 11:00 a.m.	51.1	69.5	49.4
11:00 a.m. – 12:00 a.m.	73.8	110.4	53.7
12:00 a.m. – 01:00 p.m.	59.5	97.1	52.0
01:00 p.m. – 02:00 p.m.	56.3	70.2	53.4
02:00 p.m. – 03:00 p.m.	61.3	101.3	54.7
24 Hours Measured	61.1	110.4	52.0
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	62.9	-	-

Remark : 1. ^{1/} Notification of Ministry of Industry on the Prescription of the Values of Annoyance Sound Level and the sound Level caused by Engaging in a Factory Business B.E. 2548 (Dated 27 December B.E. 2548)

PACIFIC LABORATORY CO., LTD.
 Lab. Supervisor

ANALYSIS REPORT

Analysis No. : NH 160/2565

Job No. : PCL 0867/65

Report Date : July 20, 2022

Customer Name : บริษัท ไอจี พอร์จ (ไทยแลนด์) จำกัด
 Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอสรรีราช จังหวัดชลบุรี 20110
 Sampling Source : Community Noise
 Sampling Location : ทิศใต้ (บริเวณหลังลาน Emer)
 Measured Date : June 26-27, 2022
 Measured Instrument : Sound Level Meter ACO Type 6226 Serial Number 170091

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
03:00 p.m. – 04:00 p.m.	51.2	68.0	48.5
04:00 p.m. – 05:00 p.m.	58.1	79.5	57.0
05:00 p.m. – 06:00 p.m.	54.4	80.5	52.7
06:00 p.m. – 07:00 p.m.	57.6	77.0	56.8
07:00 p.m. – 08:00 p.m.	53.4	72.6	52.0
08:00 p.m. – 09:00 p.m.	53.4	87.3	51.3
09:00 p.m. – 10:00 p.m.	53.2	57.0	51.9
10:00 p.m. – 11:00 p.m.	53.0	57.2	51.7
11:00 p.m. – 00:00 p.m.	52.9	56.7	51.6
00:00 p.m. – 01:00 a.m.	52.8	56.8	51.5
01:00 a.m. – 02:00 a.m.	52.6	56.6	51.3
02:00 a.m. – 03:00 a.m.	52.7	57.3	51.3
03:00 a.m. – 04:00 a.m.	57.7	66.6	51.8
04:00 a.m. – 05:00 a.m.	55.5	66.9	51.4
05:00 a.m. – 06:00 a.m.	53.4	72.0	51.6
06:00 a.m. – 07:00 a.m.	54.8	69.2	53.2
07:00 a.m. – 08:00 a.m.	54.1	71.4	52.7
08:00 a.m. – 09:00 a.m.	52.9	64.7	51.0
09:00 a.m. – 10:00 a.m.	54.1	69.2	51.3
10:00 a.m. – 11:00 a.m.	54.6	81.5	51.6
11:00 a.m. – 12:00 a.m.	62.7	104.7	51.7
12:00 a.m. – 01:00 p.m.	57.3	84.5	51.9
01:00 p.m. – 02:00 p.m.	56.3	79.3	45.3
02:00 p.m. – 03:00 p.m.	55.9	78.7	43.6
24 Hours Measured	55.7	104.7	52.2
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	60.9	-	-

Remark : 1. ^{1/} Notification of Ministry of Industry on the Prescription of the Values of Annoyance Sound Level and the sound Level caused by Engaging in a Factory Business B.E. 2548 (Dated 27 December B.E. 2548)

PACIFIC LABORATORY CO., LTD.

 Lab Supervisor

ANALYSIS REPORT

Analysis No. : NH 160/2565

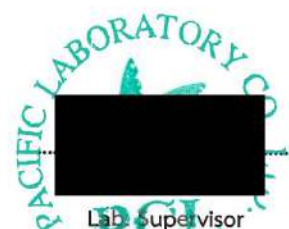
Job No. : PCL 0867/65

Report Date : July 20, 2022

Customer Name : บริษัท โอจี ฟอรัจ (ไทยแลนด์) จำกัด
 Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110
 Sampling Source : Community Noise
 Sampling Location : ทิศตะวันออก (บริเวณสนามฟุตบอล)
 Measured Date : June 20-21, 2022
 Measured Instrument : Sound Level Meter ACO Type 6226 Serial Number 180047

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
03:00 p.m. – 04:00 p.m.	63.7	86.2	57.8
04:00 p.m. – 05:00 p.m.	60.3	73.4	56.0
05:00 p.m. – 06:00 p.m.	57.4	71.0	54.1
06:00 p.m. – 07:00 p.m.	61.1	87.6	56.4
07:00 p.m. – 08:00 p.m.	58.0	78.3	55.1
08:00 p.m. – 09:00 p.m.	60.5	77.7	56.3
09:00 p.m. – 10:00 p.m.	61.5	77.7	57.3
10:00 p.m. – 11:00 p.m.	62.0	73.3	57.4
11:00 p.m. – 00:00 p.m.	61.6	77.7	57.3
00:00 p.m. – 01:00 a.m.	64.9	85.0	59.5
01:00 a.m. – 02:00 a.m.	62.1	80.0	57.2
02:00 a.m. – 03:00 a.m.	62.8	81.5	58.1
03:00 a.m. – 04:00 a.m.	62.0	78.8	57.7
04:00 a.m. – 05:00 a.m.	60.7	74.0	56.7
05:00 a.m. – 06:00 a.m.	60.3	83.9	57.3
06:00 a.m. – 07:00 a.m.	60.7	80.8	56.5
07:00 a.m. – 08:00 a.m.	55.2	83.4	52.3
08:00 a.m. – 09:00 a.m.	59.8	75.5	55.4
09:00 a.m. – 10:00 a.m.	62.4	80.4	57.6
10:00 a.m. – 11:00 a.m.	61.6	80.0	57.5
11:00 a.m. – 12:00 a.m.	60.9	81.9	56.1
12:00 a.m. – 01:00 p.m.	56.4	70.5	53.4
01:00 p.m. – 02:00 p.m.	63.1	85.8	58.4
02:00 p.m. – 03:00 p.m.	62.8	79.5	58.2
24 Hours Measured	61.4	87.6	56.9
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	68.4	-	-

Remark : 1. ^{1/} Notification of Ministry of Industry on the Prescription of the Values of Annoyance Sound Level and the sound Level caused by Engaging in a Factory Business B.E. 2548 (Dated 27 December B.E. 2548)



ANALYSIS REPORT

Analysis No. : NH 160/2565

Job No. : PCL 0867/65

Report Date : July 20, 2022

Customer Name : บริษัท ไอจี พอร์จ (ไทยแลนด์) จำกัด
 Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอสรรีราชา จังหวัดชลบุรี 20110
 Sampling Source : Community Noise
 Sampling Location : ทิศตะวันออก (บริเวณสนามฟุตบอล)
 Measured Date : June 21-22, 2022
 Measured Instrument : Sound Level Meter ACO Type 6226 Serial Number 180047

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
03:00 p.m. – 04:00 p.m.	63.3	81.1	58.6
04:00 p.m. – 05:00 p.m.	61.1	77.4	56.8
05:00 p.m. – 06:00 p.m.	61.3	80.5	55.3
06:00 p.m. – 07:00 p.m.	66.5	98.9	58.4
07:00 p.m. – 08:00 p.m.	61.1	85.6	57.5
08:00 p.m. – 09:00 p.m.	63.9	82.3	59.4
09:00 p.m. – 10:00 p.m.	62.7	76.6	59.1
10:00 p.m. – 11:00 p.m.	62.3	81.9	57.9
11:00 p.m. – 00:00 p.m.	61.6	76.5	57.4
00:00 p.m. – 01:00 a.m.	55.7	74.5	52.7
01:00 a.m. – 02:00 a.m.	63.8	85.5	57.7
02:00 a.m. – 03:00 a.m.	62.7	78.9	58.2
03:00 a.m. – 04:00 a.m.	64.4	82.3	59.0
04:00 a.m. – 05:00 a.m.	62.6	77.3	57.8
05:00 a.m. – 06:00 a.m.	59.7	72.4	54.9
06:00 a.m. – 07:00 a.m.	67.2	99.3	57.2
07:00 a.m. – 08:00 a.m.	62.5	80.6	53.5
08:00 a.m. – 09:00 a.m.	63.0	82.7	56.8
09:00 a.m. – 10:00 a.m.	62.3	83.8	58.0
10:00 a.m. – 11:00 a.m.	64.4	85.9	58.7
11:00 a.m. – 12:00 a.m.	60.1	76.6	56.3
12:00 a.m. – 01:00 p.m.	58.7	76.0	55.6
01:00 p.m. – 02:00 p.m.	63.5	81.8	57.6
02:00 p.m. – 03:00 p.m.	65.0	88.8	59.2
24 Hours Measured	63.1	99.3	57.5
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	68.9	-	-

Remark : 1. ^{1/} Notification of Ministry of Industry on the Prescription of the Values of Annoyance Sound Level and the sound Level caused by Engaging in a Factory Business B.E. 2548 (Dated 27 December B.E. 2548)

PACIFIC LABORATORY CO., LTD.
 Lab. Supervisor

ANALYSIS REPORT

Analysis No. : NH 160/2565

Job No. : PCL 0867/65

Report Date : July 20, 2022

Customer Name : บริษัท ไอจี พอร์จ (ไทยแลนด์) จำกัด
 Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110
 Sampling Source : Community Noise
 Sampling Location : ทิศตะวันออก (บริเวณสนามฟุตบอล)
 Measured Date : June 22-23, 2022
 Measured Instrument : Sound Level Meter ACO Type 6226 Serial Number 180047

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
03:00 p.m. - 04:00 p.m.	63.6	76.9	58.6
04:00 p.m. - 05:00 p.m.	64.9	95.8	58.0
05:00 p.m. - 06:00 p.m.	57.1	72.9	53.5
06:00 p.m. - 07:00 p.m.	64.1	81.9	58.6
07:00 p.m. - 08:00 p.m.	60.3	76.4	57.3
08:00 p.m. - 09:00 p.m.	67.4	83.5	63.6
09:00 p.m. - 10:00 p.m.	66.1	79.9	62.6
10:00 p.m. - 11:00 p.m.	63.6	78.9	59.1
11:00 p.m. - 00:00 p.m.	61.0	76.9	56.9
00:00 p.m. - 01:00 a.m.	58.1	76.2	55.0
01:00 a.m. - 02:00 a.m.	64.8	82.7	58.9
02:00 a.m. - 03:00 a.m.	63.3	80.0	58.4
03:00 a.m. - 04:00 a.m.	64.3	79.3	59.4
04:00 a.m. - 05:00 a.m.	62.9	77.3	58.5
05:00 a.m. - 06:00 a.m.	62.0	79.8	58.3
06:00 a.m. - 07:00 a.m.	64.4	84.4	58.8
07:00 a.m. - 08:00 a.m.	60.3	88.7	53.8
08:00 a.m. - 09:00 a.m.	58.6	80.4	54.6
09:00 a.m. - 10:00 a.m.	66.5	85.6	61.1
10:00 a.m. - 11:00 a.m.	65.2	85.0	61.0
11:00 a.m. - 12:00 a.m.	62.4	86.4	58.0
12:00 a.m. - 01:00 p.m.	59.8	88.6	56.0
01:00 p.m. - 02:00 p.m.	61.6	80.8	57.3
02:00 p.m. - 03:00 p.m.	64.8	95.8	64.8
24 Hours Measured	63.5	95.8	59.4
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	69.8	-	-

Remark : 1. ^{1/} Notification of Ministry of Industry on the Prescription of the Values of Annoyance Sound Level and the sound Level caused by Engaging in a Factory Business B.E. 2548 (Dated 27 December B.E. 2548)

PACIFIC LABORATORY CO., LTD.
 Lab. Supervisor

ANALYSIS REPORT

Analysis No. : NH 160/2565

Job No. : PCL 0867/65

Report Date : July 20, 2022

Customer Name : บริษัท ไอจี พอร์จ (ไทยแลนด์) จำกัด
 Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110
 Sampling Source : Community Noise
 Sampling Location : ทิศตะวันออก (บริเวณสนามฟุตบอล)
 Measured Date : June 23-24, 2022
 Measured Instrument : Sound Level Meter ACO Type 6226 Serial Number 180047

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
03:00 p.m. – 04:00 p.m.	64.7	82.2	59.9
04:00 p.m. – 05:00 p.m.	63.9	77.4	59.3
05:00 p.m. – 06:00 p.m.	59.1	85.6	54.6
06:00 p.m. – 07:00 p.m.	62.2	91.0	56.9
07:00 p.m. – 08:00 p.m.	59.1	75.4	56.2
08:00 p.m. – 09:00 p.m.	63.9	83.7	58.3
09:00 p.m. – 10:00 p.m.	64.0	77.6	59.0
10:00 p.m. – 11:00 p.m.	63.8	76.8	59.3
11:00 p.m. – 00:00 p.m.	62.0	75.5	59.0
00:00 p.m. – 01:00 a.m.	56.8	73.5	54.7
01:00 a.m. – 02:00 a.m.	66.3	83.9	58.7
02:00 a.m. – 03:00 a.m.	65.3	81.3	59.2
03:00 a.m. – 04:00 a.m.	64.0	80.6	59.0
04:00 a.m. – 05:00 a.m.	62.4	79.5	57.2
05:00 a.m. – 06:00 a.m.	61.2	83.9	56.5
06:00 a.m. – 07:00 a.m.	64.0	86.2	58.6
07:00 a.m. – 08:00 a.m.	59.2	90.1	53.8
08:00 a.m. – 09:00 a.m.	64.8	85.1	58.2
09:00 a.m. – 10:00 a.m.	65.7	83.6	60.0
10:00 a.m. – 11:00 a.m.	63.8	80.2	59.4
11:00 a.m. – 12:00 a.m.	60.3	77.3	56.0
12:00 a.m. – 01:00 p.m.	55.4	74.7	52.6
01:00 p.m. – 02:00 p.m.	63.0	82.5	58.6
02:00 p.m. – 03:00 p.m.	64.5	84.4	59.3
24 Hours Measured	63.2	91.0	58.1
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	69.8	-	-

Remark : 1. ^{1/} Notification of Ministry of Industry on the Prescription of the Values of Annoyance Sound Level and the sound Level caused by Engaging in a Factory Business B.E. 2548 (Dated 27 December B.E. 2548)

PACIFIC LABORATORY CO., LTD.
 Lab. Supervisor

ANALYSIS REPORT

Analysis No. : NH 160/2565

Job No. : PCL 0867/65

Report Date : July 20, 2022

Customer Name : บริษัท โอจี ฟอรัจ (ไทยแลนด์) จำกัด
 Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอสรีราชา จังหวัดชลบุรี 20110
 Sampling Source : Community Noise
 Sampling Location : ทิศตะวันออก (บริเวณสนามฟุตบอล)
 Measured Date : June 24-25, 2022
 Measured Instrument : Sound Level Meter ACO Type 6226 Serial Number 180047

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
03:00 p.m. – 04:00 p.m.	61.0	77.2	57.2
04:00 p.m. – 05:00 p.m.	57.9	78.2	54.4
05:00 p.m. – 06:00 p.m.	52.7	68.5	50.3
06:00 p.m. – 07:00 p.m.	55.4	82.6	51.1
07:00 p.m. – 08:00 p.m.	56.8	71.9	55.1
08:00 p.m. – 09:00 p.m.	62.8	85.1	57.8
09:00 p.m. – 10:00 p.m.	62.2	75.2	57.9
10:00 p.m. – 11:00 p.m.	64.9	82.7	59.3
11:00 p.m. – 00:00 p.m.	64.0	78.6	59.3
00:00 p.m. – 01:00 a.m.	52.9	69.3	51.5
01:00 a.m. – 02:00 a.m.	64.7	82.9	59.6
02:00 a.m. – 03:00 a.m.	64.3	78.2	59.7
03:00 a.m. – 04:00 a.m.	62.2	77.9	57.6
04:00 a.m. – 05:00 a.m.	56.5	87.1	51.8
05:00 a.m. – 06:00 a.m.	51.9	64.9	50.5
06:00 a.m. – 07:00 a.m.	51.6	71.6	50.1
07:00 a.m. – 08:00 a.m.	51.7	62.6	50.3
08:00 a.m. – 09:00 a.m.	55.5	74.9	52.1
09:00 a.m. – 10:00 a.m.	54.7	76.9	51.7
10:00 a.m. – 11:00 a.m.	57.1	86.1	52.9
11:00 a.m. – 12:00 a.m.	64.2	94.4	52.7
12:00 a.m. – 01:00 p.m.	52.5	75.8	50.2
01:00 p.m. – 02:00 p.m.	56.1	81.0	53.2
02:00 p.m. – 03:00 p.m.	55.3	77.8	52.7
24 Hours Measured	60.2	94.4	55.5
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	68.3	-	-

Remark : 1. ^{1/} Notification of Ministry of Industry on the Prescription of the Values of Annoyance Sound Level and the sound Level caused by Engaging in a Factory Business B.E. 2548 (Dated 27 December B.E. 2548)

PACIFIC LABORATORY CO., LTD.
 Lab. Supervisor

ANALYSIS REPORT

Analysis No. : NH 160/2565

Job No. : PCL 0867/65

Report Date : July 20, 2022

Customer Name : บริษัท ไอจี พอร์จ (ไทยแลนด์) จำกัด
 Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอสรรีราช จังหวัดชลบุรี 20110
 Sampling Source : Community Noise
 Sampling Location : ทิศตะวันออก (บริเวณสนามฟุตบอล)
 Measured Date : June 25-26, 2022
 Measured Instrument : Sound Level Meter ACO Type 6226 Serial Number 180047

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
03:00 p.m. – 04:00 p.m.	57.4	73.6	54.1
04:00 p.m. – 05:00 p.m.	56.1	81.5	53.2
05:00 p.m. – 06:00 p.m.	52.7	74.1	50.2
06:00 p.m. – 07:00 p.m.	52.6	69.0	50.3
07:00 p.m. – 08:00 p.m.	55.7	61.7	54.9
08:00 p.m. – 09:00 p.m.	60.0	83.8	56.7
09:00 p.m. – 10:00 p.m.	59.6	73.3	55.9
10:00 p.m. – 11:00 p.m.	59.5	77.1	54.1
11:00 p.m. – 00:00 p.m.	59.4	72.8	55.2
00:00 p.m. – 01:00 a.m.	51.9	67.8	50.6
01:00 a.m. – 02:00 a.m.	60.6	74.4	55.5
02:00 a.m. – 03:00 a.m.	60.9	88.6	55.8
03:00 a.m. – 04:00 a.m.	59.4	77.1	55.5
04:00 a.m. – 05:00 a.m.	59.4	76.9	55.4
05:00 a.m. – 06:00 a.m.	56.7	73.8	53.5
06:00 a.m. – 07:00 a.m.	59.4	81.5	54.9
07:00 a.m. – 08:00 a.m.	54.1	81.1	50.7
08:00 a.m. – 09:00 a.m.	50.9	73.6	48.8
09:00 a.m. – 10:00 a.m.	51.5	73.6	48.8
10:00 a.m. – 11:00 a.m.	50.1	62.9	48.5
11:00 a.m. – 12:00 a.m.	59.1	93.7	53.5
12:00 a.m. – 01:00 p.m.	50.5	69.5	48.8
01:00 p.m. – 02:00 p.m.	50.6	63.7	48.7
02:00 p.m. – 03:00 p.m.	51.5	71.7	48.9
24 Hours Measured	57.3	93.7	53.4
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	65.2	-	-

Remark : 1. ^{1/} Notification of Ministry of Industry on the Prescription of the Values of Annoyance Sound Level and the sound Level caused by Engaging in a Factory Business B.E. 2548 (Dated 27 December B.E. 2548)

PACIFIC LABORATORY CO., LTD.
 Lab. Supervisor

ANALYSIS REPORT

Analysis No. : NH 160/2565

Job No. : PCL 0867/65

Report Date : July 20, 2022

Customer Name : บริษัท โอจี ฟอรัจ (ไทยแลนด์) จำกัด
 Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110
 Sampling Source : Community Noise
 Sampling Location : ทิศตะวันออก (บริเวณสนามฟุตบอล)
 Measured Date : June 26-27, 2022
 Measured Instrument : Sound Level Meter ACO Type 6226 Serial Number 180047

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
03:00 p.m. – 04:00 p.m.	50.3	62.5	48.6
04:00 p.m. – 05:00 p.m.	50.2	63.5	48.8
05:00 p.m. – 06:00 p.m.	50.7	68.4	48.6
06:00 p.m. – 07:00 p.m.	50.9	69.6	48.9
07:00 p.m. – 08:00 p.m.	54.8	59.0	54.0
08:00 p.m. – 09:00 p.m.	59.5	86.6	55.0
09:00 p.m. – 10:00 p.m.	59.9	79.7	55.6
10:00 p.m. – 11:00 p.m.	59.6	73.5	56.0
11:00 p.m. – 00:00 p.m.	58.1	75.4	54.4
00:00 p.m. – 01:00 a.m.	51.6	74.1	50.0
01:00 a.m. – 02:00 a.m.	58.1	82.0	54.0
02:00 a.m. – 03:00 a.m.	59.0	72.5	55.2
03:00 a.m. – 04:00 a.m.	58.7	76.4	55.1
04:00 a.m. – 05:00 a.m.	58.7	77.2	54.6
05:00 a.m. – 06:00 a.m.	56.8	70.0	53.6
06:00 a.m. – 07:00 a.m.	59.8	80.6	55.4
07:00 a.m. – 08:00 a.m.	55.4	76.8	51.8
08:00 a.m. – 09:00 a.m.	59.3	84.2	53.3
09:00 a.m. – 10:00 a.m.	62.6	83.8	56.9
10:00 a.m. – 11:00 a.m.	64.2	82.9	58.7
11:00 a.m. – 12:00 a.m.	63.1	81.1	58.0
12:00 a.m. – 01:00 p.m.	61.7	82.2	60.6
01:00 p.m. – 02:00 p.m.	61.9	75.8	60.8
02:00 p.m. – 03:00 p.m.	61.4	74.7	60.0
24 Hours Measured	59.4	86.6	55.9
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	65.0	-	-

Remark : 1. ^{1/} Notification of Ministry of Industry on the Prescription of the Values of Annoyance Sound Level and the sound Level caused by Engaging in a Factory Business B.E. 2548 (Dated 27 December B.E. 2548)

PACIFIC LABORATORY CO.

 Lab Supervisor

ANALYSIS REPORT

Analysis No. : NH 160/2565

Job No. : PCL 0867/65

Report Date : July 20, 2022

Customer Name : บริษัท โอจี ฟอรัจ (ไทยแลนด์) จำกัด
 Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมบึงทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110
 Sampling Source : Community Noise
 Sampling Location : ทิศตะวันตก (บริเวณป้อม รปภ.)
 Measured Date : June 20-21, 2022
 Measured Instrument : Sound Level Meter ACO Type 6226 Serial Number 200032

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
03:00 p.m. – 04:00 p.m.	69.7	83.9	64.4
04:00 p.m. – 05:00 p.m.	69.6	81.6	64.0
05:00 p.m. – 06:00 p.m.	62.4	82.7	56.4
06:00 p.m. – 07:00 p.m.	61.7	83.6	56.6
07:00 p.m. – 08:00 p.m.	65.3	92.3	57.0
08:00 p.m. – 09:00 p.m.	68.2	80.0	62.9
09:00 p.m. – 10:00 p.m.	69.0	78.8	64.0
10:00 p.m. – 11:00 p.m.	69.7	86.3	64.5
11:00 p.m. – 00:00 p.m.	68.3	79.1	63.1
00:00 p.m. – 01:00 a.m.	69.1	114.0	64.9
01:00 a.m. – 02:00 a.m.	68.9	101.1	65.5
02:00 a.m. – 03:00 a.m.	68.7	81.6	65.7
03:00 a.m. – 04:00 a.m.	68.8	92.4	65.3
04:00 a.m. – 05:00 a.m.	67.9	79.2	63.8
05:00 a.m. – 06:00 a.m.	62.1	77.8	57.6
06:00 a.m. – 07:00 a.m.	69.9	87.3	64.6
07:00 a.m. – 08:00 a.m.	67.7	93.3	61.2
08:00 a.m. – 09:00 a.m.	62.4	85.7	54.7
09:00 a.m. – 10:00 a.m.	60.4	77.5	56.3
10:00 a.m. – 11:00 a.m.	61.2	83.6	56.9
11:00 a.m. – 12:00 a.m.	62.8	94.0	55.7
12:00 a.m. – 01:00 p.m.	58.3	77.3	50.9
01:00 p.m. – 02:00 p.m.	62.7	84.0	60.8
02:00 p.m. – 03:00 p.m.	60.2	77.7	56.3
24 Hours Measured	67.0	114.0	62.2
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	74.5	-	-

Remark : 1. ^{1/} Notification of Ministry of Industry on the Prescription of the Values of Annoyance Sound Level and the sound Level caused by Engaging in a Factory Business B.E. 2548 (Dated 27 December B.E. 2548)



ANALYSIS REPORT

Analysis No. : NH 160/2565

Job No. : PCL 0867/65

Report Date : July 20, 2022

Customer Name : บริษัท โอจี ฟอรัจ (ไทยแลนด์) จำกัด
 Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอสรีราชา จังหวัดชลบุรี 20110
 Sampling Source : Community Noise
 Sampling Location : ทิศตะวันตก (บริเวณป้อม รปภ.)
 Measured Date : June 21-22, 2022
 Measured Instrument : Sound Level Meter ACO Type 6226 Serial Number 200032

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
03:00 p.m. – 04:00 p.m.	60.4	84.1	56.5
04:00 p.m. – 05:00 p.m.	61.0	82.6	56.4
05:00 p.m. – 06:00 p.m.	61.3	82.7	53.4
06:00 p.m. – 07:00 p.m.	63.0	79.8	57.6
07:00 p.m. – 08:00 p.m.	69.8	92.7	62.6
08:00 p.m. – 09:00 p.m.	69.6	85.3	64.1
09:00 p.m. – 10:00 p.m.	69.7	84.3	64.5
10:00 p.m. – 11:00 p.m.	69.5	86.0	64.3
11:00 p.m. – 00:00 p.m.	68.7	81.3	63.7
00:00 p.m. – 01:00 a.m.	53.8	73.3	51.2
01:00 a.m. – 02:00 a.m.	67.8	80.2	63.0
02:00 a.m. – 03:00 a.m.	64.8	78.7	61.0
03:00 a.m. – 04:00 a.m.	69.6	80.1	64.2
04:00 a.m. – 05:00 a.m.	68.0	82.6	62.6
05:00 a.m. – 06:00 a.m.	58.1	84.1	52.5
06:00 a.m. – 07:00 a.m.	68.5	82.4	62.3
07:00 a.m. – 08:00 a.m.	66.1	85.6	59.3
08:00 a.m. – 09:00 a.m.	62.5	82.7	56.3
09:00 a.m. – 10:00 a.m.	64.9	86.6	63.3
10:00 a.m. – 11:00 a.m.	61.9	92.1	57.4
11:00 a.m. – 12:00 a.m.	60.0	81.7	56.8
12:00 a.m. – 01:00 p.m.	58.5	84.4	52.0
01:00 p.m. – 02:00 p.m.	61.5	87.6	57.7
02:00 p.m. – 03:00 p.m.	65.5	89.0	63.6
24 Hours Measured	66.2	92.7	61.1
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	73.7	-	-

Remark : 1. ^{1/} Notification of Ministry of Industry on the Prescription of the Values of Annoyance Sound Level and the sound Level caused by Engaging in a Factory Business B.E. 2548 (Dated 27 December B.E. 2548)

PACIFIC LABORATORY CO., LTD.
 Lab. Supervisor

ANALYSIS REPORT

Analysis No. : NH 160/2565

Job No. : PCL 0867/65

Report Date : July 20, 2022

Customer Name : บริษัท โอจี ฟอรัจ (ไทยแลนด์) จำกัด
 Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมบึงทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110
 Sampling Source : Community Noise
 Sampling Location : ทิศตะวันตก (บริเวณป้อม รปภ.)
 Measured Date : June 22-23, 2022
 Measured Instrument : Sound Level Meter ACO Type 6226 Serial Number 200032

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
03:00 p.m. – 04:00 p.m.	62.8	92.4	57.9
04:00 p.m. – 05:00 p.m.	60.7	80.5	56.6
05:00 p.m. – 06:00 p.m.	61.0	79.1	55.0
06:00 p.m. – 07:00 p.m.	60.9	82.8	55.8
07:00 p.m. – 08:00 p.m.	69.0	87.0	63.0
08:00 p.m. – 09:00 p.m.	69.1	85.7	63.5
09:00 p.m. – 10:00 p.m.	69.1	82.0	63.9
10:00 p.m. – 11:00 p.m.	68.2	86.7	62.8
11:00 p.m. – 00:00 p.m.	68.6	80.3	63.5
00:00 p.m. – 01:00 a.m.	55.9	74.8	53.3
01:00 a.m. – 02:00 a.m.	66.0	78.7	61.9
02:00 a.m. – 03:00 a.m.	62.5	75.4	58.9
03:00 a.m. – 04:00 a.m.	65.8	94.9	60.7
04:00 a.m. – 05:00 a.m.	68.3	87.6	63.3
05:00 a.m. – 06:00 a.m.	63.8	84.6	58.8
06:00 a.m. – 07:00 a.m.	69.6	86.3	63.9
07:00 a.m. – 08:00 a.m.	67.7	92.2	60.9
08:00 a.m. – 09:00 a.m.	62.5	82.8	56.1
09:00 a.m. – 10:00 a.m.	69.9	114.3	64.7
10:00 a.m. – 11:00 a.m.	67.5	112.1	63.9
11:00 a.m. – 12:00 a.m.	68.8	85.8	62.8
12:00 a.m. – 01:00 p.m.	60.2	79.6	54.2
01:00 p.m. – 02:00 p.m.	64.4	84.0	59.5
02:00 p.m. – 03:00 p.m.	69.8	90.0	64.1
24 Hours Measured	66.8	114.3	61.6
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	73.1	-	-

Remark : 1. ^{1/} Notification of Ministry of Industry on the Prescription of the Values of Annoyance Sound Level and the sound Level caused by Engaging in a Factory Business B.E. 2548 (Dated 27 December B.E. 2548)

PACIFIC LABORATORY CO., LTD.

 Lab. Supervisor

ANALYSIS REPORT

Analysis No. : NH 160/2565

Job No. : PCL 0867/65

Report Date : July 20, 2022

Customer Name : บริษัท โอจี ฟอรัจ (ไทยแลนด์) จำกัด
 Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110
 Sampling Source : Community Noise
 Sampling Location : ทิศตะวันตก (บริเวณบ่อบำบัด รปภ.)
 Measured Date : June 23-24, 2022
 Measured Instrument : Sound Level Meter ACO Type 6226 Serial Number 200032

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
03:00 p.m. - 04:00 p.m.	70.1	83.2	64.6
04:00 p.m. - 05:00 p.m.	68.0	85.6	62.8
05:00 p.m. - 06:00 p.m.	62.6	88.8	56.5
06:00 p.m. - 07:00 p.m.	59.9	75.7	56.5
07:00 p.m. - 08:00 p.m.	64.7	95.2	57.2
08:00 p.m. - 09:00 p.m.	66.9	79.8	61.7
09:00 p.m. - 10:00 p.m.	66.9	79.2	62.1
10:00 p.m. - 11:00 p.m.	70.0	86.7	64.7
11:00 p.m. - 00:00 p.m.	69.5	81.1	64.3
00:00 p.m. - 01:00 a.m.	55.5	73.7	50.7
01:00 a.m. - 02:00 a.m.	70.1	79.6	64.7
02:00 a.m. - 03:00 a.m.	70.0	79.1	64.7
03:00 a.m. - 04:00 a.m.	70.0	93.6	64.6
04:00 a.m. - 05:00 a.m.	68.7	81.9	63.4
05:00 a.m. - 06:00 a.m.	68.1	106.6	59.6
06:00 a.m. - 07:00 a.m.	72.0	108.2	63.6
07:00 a.m. - 08:00 a.m.	67.8	92.1	61.5
08:00 a.m. - 09:00 a.m.	63.0	83.8	55.8
09:00 a.m. - 10:00 a.m.	60.8	83.7	56.6
10:00 a.m. - 11:00 a.m.	65.7	82.4	63.9
11:00 a.m. - 12:00 a.m.	62.0	82.0	60.1
12:00 a.m. - 01:00 p.m.	61.0	87.7	50.0
01:00 p.m. - 02:00 p.m.	64.3	77.8	61.2
02:00 p.m. - 03:00 p.m.	66.6	83.6	61.6
24 Hours Measured	67.5	108.2	62.0
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	74.9	-	-

Remark : 1. ^{1/} Notification of Ministry of Industry on the Prescription of the Values of Annoyance Sound Level and the sound Level caused by Engaging in a Factory Business B.E. 2548 (Dated 27 December B.E. 2548)



ANALYSIS REPORT

Analysis No. : NH 160/2565

Job No. : PCL 0867/65

Report Date : July 20, 2022

Customer Name : บริษัท ไอจี ฟอรัจ (ไทยแลนด์) จำกัด
 Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมบึงทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110
 Sampling Source : Community Noise
 Sampling Location : ทิศตะวันตก (บริเวณป้อม รปภ.)
 Measured Date : June 24-25, 2022
 Measured Instrument : Sound Level Meter ACO Type 6226 Serial Number 200032

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
03:00 p.m. – 04:00 p.m.	69.0	83.5	63.2
04:00 p.m. – 05:00 p.m.	67.9	97.9	61.7
05:00 p.m. – 06:00 p.m.	61.5	84.3	53.5
06:00 p.m. – 07:00 p.m.	57.1	82.3	48.8
07:00 p.m. – 08:00 p.m.	64.1	89.4	52.9
08:00 p.m. – 09:00 p.m.	65.9	85.4	59.2
09:00 p.m. – 10:00 p.m.	64.5	85.0	60.1
10:00 p.m. – 11:00 p.m.	69.6	86.3	63.9
11:00 p.m. – 00:00 p.m.	68.8	79.3	63.4
00:00 p.m. – 01:00 a.m.	58.8	77.4	54.7
01:00 a.m. – 02:00 a.m.	69.3	79.9	64.1
02:00 a.m. – 03:00 a.m.	70.0	79.4	64.8
03:00 a.m. – 04:00 a.m.	69.6	79.6	64.3
04:00 a.m. – 05:00 a.m.	61.4	85.2	57.4
05:00 a.m. – 06:00 a.m.	57.4	83.8	46.7
06:00 a.m. – 07:00 a.m.	58.9	84.0	48.5
07:00 a.m. – 08:00 a.m.	65.4	92.2	54.8
08:00 a.m. – 09:00 a.m.	61.4	78.9	54.9
09:00 a.m. – 10:00 a.m.	60.5	84.7	56.3
10:00 a.m. – 11:00 a.m.	66.8	90.0	61.2
11:00 a.m. – 12:00 a.m.	69.2	86.2	63.4
12:00 a.m. – 01:00 p.m.	58.4	80.7	49.8
01:00 p.m. – 02:00 p.m.	69.3	79.3	63.4
02:00 p.m. – 03:00 p.m.	70.0	86.9	64.1
24 Hours Measured	66.7	97.9	60.9
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	73.7	-	-

Remark : 1. ^{1/} Notification of Ministry of Industry on the Prescription of the Values of Annoyance Sound Level and the sound Level caused by Engaging in a Factory Business B.E. 2548 (Dated 27 December B.E. 2548)

PACIFIC LABORATORY CO., LTD.
 Lab. Supervisor

ANALYSIS REPORT

Analysis No. : NH 160/2565

Job No. : PCL 0867/65

Report Date : July 20, 2022

Customer Name : บริษัท โอจี ฟอรัจ (ไทยแลนด์) จำกัด
 Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110
 Sampling Source : Community Noise
 Sampling Location : ทิศตะวันตก (บริเวณป้อม รปภ.)
 Measured Date : June 25-26, 2022
 Measured Instrument : Sound Level Meter ACO Type 6226 Serial Number 200032

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
03:00 p.m. – 04:00 p.m.	66.7	81.1	62.4
04:00 p.m. – 05:00 p.m.	61.2	82.8	56.4
05:00 p.m. – 06:00 p.m.	60.8	85.7	54.6
06:00 p.m. – 07:00 p.m.	58.9	84.8	55.3
07:00 p.m. – 08:00 p.m.	61.8	80.2	55.3
08:00 p.m. – 09:00 p.m.	58.2	80.8	50.5
09:00 p.m. – 10:00 p.m.	53.4	73.0	49.7
10:00 p.m. – 11:00 p.m.	51.8	72.8	47.9
11:00 p.m. – 00:00 p.m.	52.4	72.4	48.4
00:00 p.m. – 01:00 a.m.	48.7	72.7	44.3
01:00 a.m. – 02:00 a.m.	52.7	69.0	49.1
02:00 a.m. – 03:00 a.m.	53.0	84.1	48.3
03:00 a.m. – 04:00 a.m.	52.5	72.3	48.3
04:00 a.m. – 05:00 a.m.	53.8	75.9	48.3
05:00 a.m. – 06:00 a.m.	55.0	78.8	46.9
06:00 a.m. – 07:00 a.m.	54.8	75.4	49.0
07:00 a.m. – 08:00 a.m.	61.1	88.5	48.1
08:00 a.m. – 09:00 a.m.	57.6	81.4	47.2
09:00 a.m. – 10:00 a.m.	53.2	74.1	46.3
10:00 a.m. – 11:00 a.m.	54.4	79.6	44.7
11:00 a.m. – 12:00 a.m.	70.0	114.4	54.0
12:00 a.m. – 01:00 p.m.	55.0	80.0	45.9
01:00 p.m. – 02:00 p.m.	53.3	86.8	44.9
02:00 p.m. – 03:00 p.m.	53.8	82.0	45.2
24 Hours Measured	60.2	114.4	52.7
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	62.3	-	-

Remark : 1. ^{1/} Notification of Ministry of Industry on the Prescription of the Values of Annoyance Sound Level and the sound Level caused by Engaging in a Factory Business B.E. 2548 (Dated 27 December B.E. 2548)



ANALYSIS REPORT

Analysis No. : NH 160/2565

Job No. : PCL 0867/65

Report Date : July 20, 2022

Customer Name : บริษัท โอจี ฟอรัจ (ไทยแลนด์) จำกัด
 Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110
 Sampling Source : Community Noise
 Sampling Location : ทิศตะวันตก (บริเวณบ่อบำบัด)
 Measured Date : June 26-27, 2022
 Measured Instrument : Sound Level Meter ACO Type 6226 Serial Number 200032

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
03:00 p.m. - 04:00 p.m.	52.7	73.3	44.7
04:00 p.m. - 05:00 p.m.	56.1	80.9	46.2
05:00 p.m. - 06:00 p.m.	55.5	74.7	45.8
06:00 p.m. - 07:00 p.m.	52.0	70.2	45.2
07:00 p.m. - 08:00 p.m.	59.1	80.2	45.9
08:00 p.m. - 09:00 p.m.	55.9	90.7	47.5
09:00 p.m. - 10:00 p.m.	53.1	76.5	47.7
10:00 p.m. - 11:00 p.m.	52.7	74.2	47.3
11:00 p.m. - 00:00 p.m.	52.3	72.1	46.4
00:00 p.m. - 01:00 a.m.	52.6	75.3	44.2
01:00 a.m. - 02:00 a.m.	51.0	63.4	46.4
02:00 a.m. - 03:00 a.m.	52.7	73.1	47.3
03:00 a.m. - 04:00 a.m.	54.6	73.3	47.1
04:00 a.m. - 05:00 a.m.	54.4	76.3	47.6
05:00 a.m. - 06:00 a.m.	55.7	80.7	47.4
06:00 a.m. - 07:00 a.m.	61.7	91.2	52.2
07:00 a.m. - 08:00 a.m.	65.6	90.9	58.0
08:00 a.m. - 09:00 a.m.	64.4	85.4	57.7
09:00 a.m. - 10:00 a.m.	62.1	82.6	58.3
10:00 a.m. - 11:00 a.m.	62.9	86.2	59.1
11:00 a.m. - 12:00 a.m.	63.1	94.6	57.7
12:00 a.m. - 01:00 p.m.	62.2	81.7	61.2
01:00 p.m. - 02:00 p.m.	61.4	69.8	60.7
02:00 p.m. - 03:00 p.m.	62.4	69.5	61.6
24 Hours Measured	59.7	94.6	55.3
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	62.3	-	-

Remark : 1. ^{1/} Notification of Ministry of Industry on the Prescription of the Values of Annoyance Sound Level and the sound Level caused by Engaging in a Factory Business B.E. 2548 (Dated 27 December B.E. 2548)

PACIFIC LABORATORY CO., LTD.
 Lab. Supervisor

ANALYSIS REPORT

Analysis No. : NH 160/2565

Job No. : PCL 0867/65

Report Date : July 20, 2022

Customer Name : บริษัท โอจี ฟอรัจ (ไทยแลนด์) จำกัด
 Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110
 Sampling Source : Community Noise
 Sampling Location : บริเวณชุมชนหนองยายปู่
 Measured Date : June 20-21, 2022
 Measured Instrument : Sound Level Meter ACO Type 6226 Serial Number 170108

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
12:00 a.m. – 01:00 p.m.	48.6	68.5	42.5
01:00 p.m. – 02:00 p.m.	53.1	80.0	47.8
02:00 p.m. – 03:00 p.m.	54.2	73.5	47.8
03:00 p.m. – 04:00 p.m.	52.6	71.7	46.6
04:00 p.m. – 05:00 p.m.	51.9	71.2	45.5
05:00 p.m. – 06:00 p.m.	51.6	73.4	44.2
06:00 p.m. – 07:00 p.m.	56.7	89.5	47.0
07:00 p.m. – 08:00 p.m.	51.2	78.2	46.8
08:00 p.m. – 09:00 p.m.	48.9	64.6	46.1
09:00 p.m. – 10:00 p.m.	49.2	64.8	47.8
10:00 p.m. – 11:00 p.m.	49.7	66.1	47.7
11:00 p.m. – 00:00 p.m.	51.1	72.8	47.2
00:00 p.m. – 01:00 a.m.	66.6	85.0	62.0
01:00 a.m. – 02:00 a.m.	48.6	69.8	45.5
02:00 a.m. – 03:00 a.m.	49.7	60.4	48.0
03:00 a.m. – 04:00 a.m.	48.1	53.0	47.3
04:00 a.m. – 05:00 a.m.	47.8	64.6	46.2
05:00 a.m. – 06:00 a.m.	52.4	71.8	46.9
06:00 a.m. – 07:00 a.m.	53.5	77.0	49.1
07:00 a.m. – 08:00 a.m.	53.5	72.2	48.1
08:00 a.m. – 09:00 a.m.	50.6	73.1	44.8
09:00 a.m. – 10:00 a.m.	52.7	66.8	48.2
10:00 a.m. – 11:00 a.m.	52.6	70.5	47.8
11:00 a.m. – 12:00 a.m.	52.6	70.2	45.5
24 Hours Measured	55.3	89.5	50.5
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	63.7	-	-

Remark : 1. ^{1/} Notification of National Environmental Board No. 15 (B.E. 2540) It defines the General sound level Standards (Dated 12 March B.E. 2540)

PACIFIC LABORATORY CO., LTD.
 Lab. Supervisor

ANALYSIS REPORT

Analysis No. : NH 160/2565

Job No. : PCL 0867/65

Report Date : July 20, 2022

Customer Name : บริษัท ไอจี พอร์จ (ไทยแลนด์) จำกัด
 Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110
 Sampling Source : Community Noise
 Sampling Location : บริเวณชุมชนหนองยายปู่
 Measured Date : June 21-22, 2022
 Measured Instrument : Sound Level Meter ACO Type 6226 Serial Number 170108

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
12:00 a.m. – 01:00 p.m.	52.0	73.0	49.9
01:00 p.m. – 02:00 p.m.	51.9	70.8	49.5
02:00 p.m. – 03:00 p.m.	53.9	82.9	49.5
03:00 p.m. – 04:00 p.m.	52.7	72.5	48.7
04:00 p.m. – 05:00 p.m.	63.0	101.3	46.9
05:00 p.m. – 06:00 p.m.	52.8	77.8	46.9
06:00 p.m. – 07:00 p.m.	51.9	69.0	47.1
07:00 p.m. – 08:00 p.m.	54.2	69.5	50.4
08:00 p.m. – 09:00 p.m.	53.8	65.4	52.0
09:00 p.m. – 10:00 p.m.	51.9	63.3	49.1
10:00 p.m. – 11:00 p.m.	50.5	71.7	46.9
11:00 p.m. – 00:00 p.m.	49.7	68.9	46.7
00:00 p.m. – 01:00 a.m.	50.5	70.9	48.6
01:00 a.m. – 02:00 a.m.	51.5	73.1	49.1
02:00 a.m. – 03:00 a.m.	48.6	68.9	47.2
03:00 a.m. – 04:00 a.m.	48.9	61.5	47.5
04:00 a.m. – 05:00 a.m.	48.6	68.8	46.8
05:00 a.m. – 06:00 a.m.	53.2	73.7	47.2
06:00 a.m. – 07:00 a.m.	53.3	72.3	44.4
07:00 a.m. – 08:00 a.m.	51.4	69.6	44.0
08:00 a.m. – 09:00 a.m.	51.5	69.0	45.9
09:00 a.m. – 10:00 a.m.	55.1	77.4	50.2
10:00 a.m. – 11:00 a.m.	54.4	70.5	51.1
11:00 a.m. – 12:00 a.m.	54.7	90.9	48.0
24 Hours Measured	54.0	101.3	48.5
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	58.1	-	-

Remark : 1. ^{1/} Notification of National Environmental Board No. 15 (B.E. 2540) It defines the General sound level Standards (Dated 12 March B.E. 2540)

PACIFIC LABORATORY CO., LTD.

 Lab. Supervisor

ANALYSIS REPORT

Analysis No. : NH 160/2565

Job No. : PCL 0867/65

Report Date : July 20, 2022

Customer Name : บริษัท โอจี ฟอรัจ (ไทยแลนด์) จำกัด
 Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110
 Sampling Source : Community Noise
 Sampling Location : บริเวณชุมชนหนองยายบัว
 Measured Date : June 22-23, 2022
 Measured Instrument : Sound Level Meter ACO Type 6226 Serial Number 170108

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
12:00 a.m. – 01:00 p.m.	52.6	76.9	46.8
01:00 p.m. – 02:00 p.m.	54.1	69.1	51.0
02:00 p.m. – 03:00 p.m.	54.5	72.7	50.4
03:00 p.m. – 04:00 p.m.	60.4	102.3	53.0
04:00 p.m. – 05:00 p.m.	55.1	72.4	50.7
05:00 p.m. – 06:00 p.m.	56.4	81.9	50.9
06:00 p.m. – 07:00 p.m.	56.7	81.5	51.4
07:00 p.m. – 08:00 p.m.	59.3	86.0	50.7
08:00 p.m. – 09:00 p.m.	52.2	80.2	48.0
09:00 p.m. – 10:00 p.m.	48.2	66.9	45.8
10:00 p.m. – 11:00 p.m.	46.2	68.6	44.7
11:00 p.m. – 00:00 p.m.	46.6	63.6	45.1
00:00 p.m. – 01:00 a.m.	47.9	62.6	46.7
01:00 a.m. – 02:00 a.m.	49.1	69.8	47.5
02:00 a.m. – 03:00 a.m.	50.0	70.8	48.2
03:00 a.m. – 04:00 a.m.	53.0	85.1	47.2
04:00 a.m. – 05:00 a.m.	47.6	67.0	46.1
05:00 a.m. – 06:00 a.m.	52.6	73.1	48.2
06:00 a.m. – 07:00 a.m.	54.4	84.2	47.6
07:00 a.m. – 08:00 a.m.	54.5	74.5	48.7
08:00 a.m. – 09:00 a.m.	55.5	69.6	51.4
09:00 a.m. – 10:00 a.m.	64.8	74.5	62.7
10:00 a.m. – 11:00 a.m.	56.3	71.9	52.4
11:00 a.m. – 12:00 a.m.	58.9	82.9	50.8
24 Hours Measured	56.2	102.3	52.1
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	58.6	-	-

Remark : 1. ^{1/} Notification of National Environmental Board No. 15 (B.E. 2540) It defines the General sound level Standards (Dated 12 March B.E. 2540)

PACIFIC LABORATORY CO., LTD.
 Lab. Supervisor

ANALYSIS REPORT

Analysis No. : NH 160/2565

Job No. : PCL 0867/65

Report Date : July 20, 2022

Customer Name : บริษัท โอจี ฟอรัจ (ไทยแลนด์) จำกัด
 Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110
 Sampling Source : Community Noise
 Sampling Location : บริเวณชุมชนหนองยายปู่
 Measured Date : June 23-24, 2022
 Measured Instrument : Sound Level Meter ACO Type 6226 Serial Number 170108

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
12:00 a.m. – 01:00 p.m.	54.8	71.5	47.7
01:00 p.m. – 02:00 p.m.	56.6	82.2	51.5
02:00 p.m. – 03:00 p.m.	60.9	91.9	51.8
03:00 p.m. – 04:00 p.m.	58.7	86.3	51.7
04:00 p.m. – 05:00 p.m.	60.1	84.9	53.8
05:00 p.m. – 06:00 p.m.	58.2	78.5	52.8
06:00 p.m. – 07:00 p.m.	56.7	75.3	51.6
07:00 p.m. – 08:00 p.m.	62.9	93.0	51.5
08:00 p.m. – 09:00 p.m.	51.2	68.4	48.8
09:00 p.m. – 10:00 p.m.	55.8	85.2	46.2
10:00 p.m. – 11:00 p.m.	52.2	78.6	46.2
11:00 p.m. – 00:00 p.m.	59.0	84.8	46.1
00:00 p.m. – 01:00 a.m.	46.5	73.9	44.3
01:00 a.m. – 02:00 a.m.	49.2	76.0	44.1
02:00 a.m. – 03:00 a.m.	49.2	75.2	45.0
03:00 a.m. – 04:00 a.m.	46.1	50.8	44.9
04:00 a.m. – 05:00 a.m.	47.7	68.2	45.1
05:00 a.m. – 06:00 a.m.	60.2	78.2	53.6
06:00 a.m. – 07:00 a.m.	54.6	81.6	49.5
07:00 a.m. – 08:00 a.m.	52.9	78.4	45.4
08:00 a.m. – 09:00 a.m.	56.3	78.6	50.2
09:00 a.m. – 10:00 a.m.	56.8	74.3	53.0
10:00 a.m. – 11:00 a.m.	56.3	78.9	52.5
11:00 a.m. – 12:00 a.m.	57.1	84.1	48.5
24 Hours Measured	57.0	93.0	50.1
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	61.8	-	-

Remark : 1. ^{1/} Notification of National Environmental Board No. 15 (B.E. 2540) It defines the General sound level Standards (Dated 12 March B.E. 2540)

PACIFIC LABORATORY CO., LTD.

 Lab. Supervisor

ANALYSIS REPORT

Analysis No. : NH 160/2565

Job No. : PCL 0867/65

Report Date : July 20, 2022

Customer Name : บริษัท โอจี ฟอรัจ (ไทยแลนด์) จำกัด
 Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอสรรพยา จังหวัดชัยภูมิ 20110
 Sampling Source : Community Noise
 Sampling Location : บริเวณชุมชนหนองยายปู่
 Measured Date : June 24-25, 2022
 Measured Instrument : Sound Level Meter ACO Type 6226 Serial Number 170108

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
12:00 a.m. – 01:00 p.m.	49.5	77.3	42.2
01:00 p.m. – 02:00 p.m.	56.1	72.2	51.6
02:00 p.m. – 03:00 p.m.	55.7	73.4	52.0
03:00 p.m. – 04:00 p.m.	63.0	88.1	52.9
04:00 p.m. – 05:00 p.m.	55.3	78.6	50.0
05:00 p.m. – 06:00 p.m.	57.8	90.2	50.0
06:00 p.m. – 07:00 p.m.	61.4	85.3	54.5
07:00 p.m. – 08:00 p.m.	56.6	80.7	50.6
08:00 p.m. – 09:00 p.m.	52.8	83.5	47.4
09:00 p.m. – 10:00 p.m.	52.2	84.1	47.0
10:00 p.m. – 11:00 p.m.	46.4	59.5	45.0
11:00 p.m. – 00:00 p.m.	51.1	80.6	45.1
00:00 p.m. – 01:00 a.m.	46.5	74.5	43.4
01:00 a.m. – 02:00 a.m.	47.4	76.6	44.1
02:00 a.m. – 03:00 a.m.	42.6	76.1	39.2
03:00 a.m. – 04:00 a.m.	44.9	55.4	43.2
04:00 a.m. – 05:00 a.m.	61.7	84.8	43.0
05:00 a.m. – 06:00 a.m.	55.6	83.1	44.9
06:00 a.m. – 07:00 a.m.	55.8	83.0	47.0
07:00 a.m. – 08:00 a.m.	55.5	82.9	44.3
08:00 a.m. – 09:00 a.m.	58.9	78.7	52.8
09:00 a.m. – 10:00 a.m.	58.0	74.3	54.0
10:00 a.m. – 11:00 a.m.	59.8	87.8	52.4
11:00 a.m. – 12:00 a.m.	52.4	69.0	48.2
24 Hours Measured	56.8	90.2	49.6
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	61.3	-	-

Remark : 1. ^{1/} Notification of National Environmental Board No. 15 (B.E. 2540) It defines the General sound level Standards (Dated 12 March B.E. 2540)

PACIFIC LABORATORY CO., LTD.

 Lab. Supervisor

ANALYSIS REPORT

Analysis No. : NH 160/2565

Job No. : PCL 0867/65

Report Date : July 20, 2022

Customer Name : บริษัท โอจี ฟอรัจ (ไทยแลนด์) จำกัด
 Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110
 Sampling Source : Community Noise
 Sampling Location : บริเวณชุมชนหนองยายปู่
 Measured Date : June 25-26, 2022
 Measured Instrument : Sound Level Meter ACO Type 6226 Serial Number 170108

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
12:00 a.m. – 01:00 p.m.	62.2	97.7	40.5
01:00 p.m. – 02:00 p.m.	57.4	78.7	52.6
02:00 p.m. – 03:00 p.m.	58.5	81.9	53.1
03:00 p.m. – 04:00 p.m.	55.9	75.5	51.8
04:00 p.m. – 05:00 p.m.	55.1	81.2	50.5
05:00 p.m. – 06:00 p.m.	55.0	81.6	49.5
06:00 p.m. – 07:00 p.m.	65.9	97.7	47.3
07:00 p.m. – 08:00 p.m.	54.1	81.9	47.6
08:00 p.m. – 09:00 p.m.	51.7	82.8	47.4
09:00 p.m. – 10:00 p.m.	46.4	64.1	44.6
10:00 p.m. – 11:00 p.m.	46.4	62.4	45.1
11:00 p.m. – 00:00 p.m.	50.7	81.9	43.9
00:00 p.m. – 01:00 a.m.	62.8	83.9	43.8
01:00 a.m. – 02:00 a.m.	48.5	80.3	44.0
02:00 a.m. – 03:00 a.m.	46.3	60.0	42.7
03:00 a.m. – 04:00 a.m.	50.0	70.0	43.8
04:00 a.m. – 05:00 a.m.	49.6	78.5	43.3
05:00 a.m. – 06:00 a.m.	51.7	75.0	42.9
06:00 a.m. – 07:00 a.m.	50.8	84.3	44.0
07:00 a.m. – 08:00 a.m.	49.0	71.1	42.8
08:00 a.m. – 09:00 a.m.	55.9	71.1	49.2
09:00 a.m. – 10:00 a.m.	53.3	79.6	48.0
10:00 a.m. – 11:00 a.m.	51.9	75.3	46.5
11:00 a.m. – 12:00 a.m.	60.6	79.8	55.7
24 Hours Measured	57.3	97.7	48.6
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	61.8	-	-

Remark : 1. ^{1/} Notification of National Environmental Board No. 15 (B.E. 2540) It defines the General sound level Standards (Dated 12 March B.E. 2540)

PACIFIC LABORATORY CO., LTD.
 Lab. Supervisor

ANALYSIS REPORT

Analysis No. : NH 160/2565

Job No. : PCL 0867/65

Report Date : July 20, 2022

Customer Name : บริษัท ไอจี พอร์จ (ไทยแลนด์) จำกัด
 Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอสรีราชา จังหวัดชลบุรี 20110
 Sampling Source : Community Noise
 Sampling Location : บริเวณชุมชนหนองยายปู่
 Measured Date : June 26-27, 2022
 Measured Instrument : Sound Level Meter ACO Type 6226 Serial Number 170108

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
12:00 a.m. – 01:00 p.m.	60.6	88.2	43.5
01:00 p.m. – 02:00 p.m.	52.5	73.4	48.0
02:00 p.m. – 03:00 p.m.	53.6	80.7	48.9
03:00 p.m. – 04:00 p.m.	51.3	78.5	47.2
04:00 p.m. – 05:00 p.m.	52.0	73.4	45.3
05:00 p.m. – 06:00 p.m.	51.7	77.2	41.9
06:00 p.m. – 07:00 p.m.	55.1	88.0	42.4
07:00 p.m. – 08:00 p.m.	54.7	78.3	49.3
08:00 p.m. – 09:00 p.m.	50.0	73.4	47.2
09:00 p.m. – 10:00 p.m.	48.7	73.6	46.1
10:00 p.m. – 11:00 p.m.	46.1	67.2	44.3
11:00 p.m. – 00:00 p.m.	60.0	85.3	43.2
00:00 p.m. – 01:00 a.m.	50.7	81.4	43.6
01:00 a.m. – 02:00 a.m.	43.2	52.6	41.9
02:00 a.m. – 03:00 a.m.	48.9	76.4	42.4
03:00 a.m. – 04:00 a.m.	52.4	76.5	42.5
04:00 a.m. – 05:00 a.m.	55.3	78.7	42.9
05:00 a.m. – 06:00 a.m.	55.1	81.6	45.1
06:00 a.m. – 07:00 a.m.	58.1	80.7	46.6
07:00 a.m. – 08:00 a.m.	55.0	83.9	46.7
08:00 a.m. – 09:00 a.m.	55.1	73.0	50.0
09:00 a.m. – 10:00 a.m.	58.2	83.9	52.6
10:00 a.m. – 11:00 a.m.	55.9	80.9	51.3
11:00 a.m. – 12:00 a.m.	55.5	77.9	51.1
24 Hours Measured	55.0	88.2	47.2
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	60.5	-	-

Remark : 1. ^{1/} Notification of National Environmental Board No. 15 (B.E. 2540) It defines the General sound level Standards (Dated 12 March B.E. 2540)

PACIFIC LABORATORY CO., LTD.
 Lab. Supervisor

ภาคผนวก ค-2


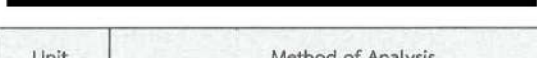
ใบรายงานผลการตรวจวัดคุณภาพอากาศจากปล่องระบาย

ANALYSIS REPORT

Analysis No. : Lab-S 209/2565

Job No. : PCL 0867/65

Report Date : July 12, 2022

Customer Name : บริษัท โอจี ฟอรัจ (ไทยแลนด์) จำกัด
 Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมบึงทอง 2 ตำบลหนองขาม อำเภอสรีราชา จังหวัดชลบุรี 20110
 Sampling Source : ปล่อง Press 1600T Line 1
 GPS. Coordinate : UTM 47P 0719797 E, 1450619 N
 Air Pollution Control System : -
 Sampling Time : 03:15 p.m. - 03:45 p.m.
 Sampling Condition : Good
 Sampling Method : US. EPA. Method
 Sampling By : 
 Analyzed By : 

Fuel Type : Non
 Sampling Date : June 24, 2022
 Received Date : June 27, 2022
 Analytical Date : June 27, 2022
 Sample ID No. : 1078/06/65

Item	Description	Unit	Method of Analysis	Result	Standard ^{1/}	Evaluation ^{1/}
1.	Stack Height	m	Measuring Tape	8.00	-	-
2.	Stack Diameter	m	Measuring Tape	0.60x0.60	-	-
3.	Temperature in Stack	°C	US. EPA Method 2	36.00	-	-
4.	Pressure Stack	mm.Hg	US. EPA Method 2	754.99	-	-
5.	Air Velocity	m/s	US. EPA Method 2	3.51	-	-
6.	Flow Rate	m ³ /s	US. EPA Method 2	1.26	-	-
7.	Oxygen Rate	%	US. EPA Method 3	20.80	-	-
8.	Carbon dioxide Rate	%	US. EPA Method 3	<0.10	-	-
9.	Moisture Rate	%	US. EPA Method 4	2.26	-	-
10.	Percent of Isokinetic Rate	%	US. EPA Method 5	106.79	-	-
11.	Particulate ^{2/}	mg/m ³	Isokinetic Sampling, Gravimetric Method	7.28	≤400	pass
12.	Sulfur dioxide ^{2/}	ppm	Absorption Sampling, Barium-Thorin Titrimetric Method	<1.3	≤500	pass
13.	Oxide of Nitrogen as Nitrogen dioxide ^{2/}	ppm	Absorption Sampling, Phenoldisulfonic Acid Method	<3.8	-	-
14.	Carbon monoxide ^{2/}	ppm	Instrumental Analyzer Method	1.18	≤870	pass

Remark : 1. ^{1/} Notification of Ministry of Industry on the Prescription of the Content Values of Air Contaminants Emitted from the Factory B.E. 2549
 (Dated 31 October B.E. 2549)
 2. ^{2/} Reference condition is 25 degree Celsius at 1 Atmosphere and Dry Basis

LABORATORY

ANALYSIS REPORT

Analysis No. : Lab-S 209/2565

Job No. : PCL 0867/65

Report Date : July 12, 2022

Customer Name : บริษัท โอจี พอร์จ (ไทยแลนด์) จำกัด
 Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110
 Sampling Source : ปล่อง Press 1600T Line 2
 GPS. Coordinate : UTM 47P 0719794 E, 1450635 N
 Air Pollution Control System : -
 Sampling Time : 03:50 p.m. - 04:20 p.m.
 Sampling Condition : Good
 Sampling Method : US. EPA. Method
 Sampling By :
 Analyzed By :

Fuel Type : Non
 Sampling Date : June 24, 2022
 Received Date : June 27, 2022
 Analytical Date : June 27, 2022
 Sample ID No. : 1079/06/65

Item	Description	Unit	Method of Analysis	Result	Standard ^{1/}	Evaluation ^{1/}
1.	Stack Height	m	Measuring Tape	8.00	-	-
2.	Stack Diameter	m	Measuring Tape	0.60x0.60	-	-
3.	Temperature in Stack	°C	US. EPA Method 2	41.00	-	-
4.	Pressure Stack	mm.Hg	US. EPA Method 2	754.99	-	-
5.	Air Velocity	m/s	US. EPA Method 2	3.54	-	-
6.	Flow Rate	m ³ /s	US. EPA Method 2	1.27	-	-
7.	Oxygen Rate	%	US. EPA Method 3	20.80	-	-
8.	Carbon dioxide Rate	%	US. EPA Method 3	<0.10	-	-
9.	Moisture Rate	%	US. EPA Method 4	2.27	-	-
10.	Percent of Isokinetic Rate	%	US. EPA Method 5	104.19	-	-
11.	Particulate ^{2/}	mg/m ³	Isokinetic Sampling, Gravimetric Method	4.61	≤400	pass
12.	Sulfur dioxide ^{2/}	ppm	Absorption Sampling, Barium-Thorin Titrimetric Method	<1.3	≤500	pass
13.	Oxide of Nitrogen as Nitrogen dioxide ^{2/}	ppm	Absorption Sampling, Phenoldisulfonic Acid Method	4.75	-	-
14.	Carbon monoxide ^{2/}	ppm	Instrumental Analyzer Method	1.36	≤870	pass

Remark : 1. ^{1/} Notification of Ministry of Industry on the Prescription of the Content Values of Air Contaminants Emitted from the Factory B.E. 2549 (Dated 31 October B.E. 2549)
 2. ^{2/} Reference condition is 25 degree Celsius at 1 Atmosphere and Dry Basis



ANALYSIS REPORT

Analysis No. : Lab-S 209/2565

Job No. : PCL 0867/65

Report Date : August 5, 2022

Customer Name : บริษัท ไอจี พอร์จ (ไทยแลนด์) จำกัด
 Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110
 Sampling Source : ปล่อง Press 3000T
 GPS. Coordinate : UTM 47P 0719808 E, 1450653 N
 Air Pollution Control System : -
 Sampling Time : 10:40 a.m. - 11:11 a.m.
 Sampling Condition : Good
 Sampling Method : US. EPA. Method
 Sampling By :
 Analyzed By :

Fuel Type : Non
 Sampling Date : July 18, 2022
 Received Date : July 19, 2022
 Analytical Date : July 19, 2022
 Sample ID No. : 548/07/65

Item	Description	Unit	Method of Analysis	Result	Standard ^{1/}	Evaluation ^{1/}
1.	Stack Height	m	Measuring Tape	8.00	-	-
2.	Stack Diameter	m	Measuring Tape	0.60x0.60	-	-
3.	Temperature in Stack	°C	US. EPA Method 2	35.00	-	-
4.	Pressure Stack	mm.Hg	US. EPA Method 2	757.07	-	-
5.	Air Velocity	m/s	US. EPA Method 2	4.45	-	-
6.	Flow Rate	m ³ /s	US. EPA Method 2	1.60	-	-
7.	Oxygen Rate	%	US. EPA Method 3	20.80	-	-
8.	Carbon dioxide Rate	%	US. EPA Method 3	<0.10	-	-
9.	Moisture Rate	%	US. EPA Method 4	2.24	-	-
10.	Percent of Isokinetic Rate	%	US. EPA Method 5	102.41	-	-
11.	Particulate ^{2/}	mg/m ³	Isokinetic Sampling, Gravimetric Method	5.92	≤400	pass
12.	Sulfur dioxide ^{2/}	ppm	Absorption Sampling, Barium-Thorin Titrimetric Method	<1.3	≤500	pass
13.	Oxide of Nitrogen as Nitrogen dioxide ^{2/}	ppm	Absorption Sampling, Phenoldisulfonic Acid Method	<3.8	-	-
14.	Carbon monoxide ^{2/}	ppm	Instrumental Analyzer Method	<1	≤870	pass

Remark : 1. ^{1/} Notification of Ministry of Industry on the Prescription of the Content Values of Air Contaminants Emitted from the Factory B.E. 2549 (Dated 31 October B.E. 2549)

2. ^{2/} Reference condition is 25 degree Celsius at 1 Atmosphere and Dry Basis


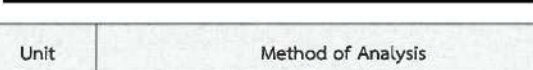
LABORATORY

ANALYSIS REPORT

Analysis No. : Lab-S 209/2565

Job No. : PCL 0867/65

Report Date : July 12, 2022

Customer Name : บริษัท ไอจี พอร์จ (ไทยแลนด์) จำกัด
 Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110
 Sampling Source : ปล่อง Press 4500T
 GPS. Coordinate : UTM 47P 0719679 E, 1450632 N
 Air Pollution Control System : Wet Scrubber
 Sampling Time : 01:50 p.m. - 02:20 p.m.
 Sampling Condition : Good
 Sampling Method : US. EPA. Method
 Sampling By : 
 Analyzed By : 

Fuel Type : Non
 Sampling Date : June 24, 2022
 Received Date : June 27, 2022
 Analytical Date : June 27, 2022
 Sample ID No. : 1077/06/65

Item	Description	Unit	Method of Analysis	Result	Standard ^{1/}	Evaluation ^{1/}
1.	Stack Height	m	Measuring Tape	10.00	-	-
2.	Stack Diameter	m	Measuring Tape	1.00	-	-
3.	Temperature in Stack	°C	US. EPA Method 2	25.00	-	-
4.	Pressure Stack	mm.Hg	US. EPA Method 2	754.90	-	-
5.	Air Velocity	m/s	US. EPA Method 2	11.98	-	-
6.	Flow Rate	m ³ /s	US. EPA Method 2	9.40	-	-
7.	Oxygen Rate	%	US. EPA Method 3	20.70	-	-
8.	Carbon dioxide Rate	%	US. EPA Method 3	<0.10	-	-
9.	Moisture Rate	%	US. EPA Method 4	3.00	-	-
10.	Percent of Isokinetic Rate	%	US. EPA Method 5	109.59	-	-
11.	Particulate ^{2/}	mg/m ³	Isokinetic Sampling, Gravimetric Method	2.17	≤400	pass
12.	Sulfur dioxide ^{2/}	ppm	Absorption Sampling, Barium-Thorin Titrimetric Method	<1.3	≤500	pass
13.	Oxide of Nitrogen as Nitrogen dioxide ^{2/}	ppm	Absorption Sampling, Phenoldisulfonic Acid Method	5.00	-	-
14.	Carbon monoxide ^{2/}	ppm	Instrumental Analyzer Method	1.22	≤870	pass

Remark : 1. ^{1/} Notification of Ministry of Industry on the Prescription of the Content Values of Air Contaminants Emitted from the Factory B.E. 2549 (Dated 31 October B.E. 2549)
 2. ^{2/} Reference condition is 25 degree Celsius at 1 Atmosphere and Dry Basis

ANALYSIS REPORT

Analysis No. : Lab-S 209/2565

Job No. : PCL 0867/65

Report Date : July 12, 2022

Customer Name : บริษัท ไอจี พอร์จ (ไทยแลนด์) จำกัด
Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110
Sampling Source : ปล่อง Shot blast 4500T
GPS. Coordinate : UTM 47P 0719618 E, 1450592 N
Air Pollution Control System : Dust Collector
Sampling Time : 11:30 a.m. -12:00 a.m.
Sampling Condition : Good
Sampling Method : US EPA Method
Sampling By :
Analyzed By :

Fuel Type : Non
Sampling Date : June 24, 2022
Received Date : June 27, 2022
Analytical Date : June 27, 2022
Sample ID No. : 1076/06/65

Item	Description	Unit	Method of Analysis	Result	Standard ^{1/}	Evaluation ^{1/}
1.	Stack Height	m	Measuring Tape	6.00	-	-
2.	Stack Diameter	m	Measuring Tape	0.35	-	-
3.	Temperature in Stack	°C	US. EPA Method 2	49.00	-	-
4.	Pressure Stack	mm.Hg	US. EPA Method 2	736.63	-	-
5.	Air Velocity	m/s	US. EPA Method 2	14.52	-	-
6.	Flow Rate	m ³ /s	US. EPA Method 2	1.40	-	-
7.	Oxygen Rate	%	US. EPA Method 3	20.90	-	-
8.	Carbon dioxide Rate	%	US. EPA Method 3	<0.10	-	-
9.	Moisture Rate	%	US. EPA Method 4	2.19	-	-
10.	Percent of Isokinetic Rate	%	US. EPA Method 5	99.84	-	-
11.	Particulate ^{2/}	mg/m ³	Isokinetic Sampling, Gravimetric Method	11.47	≤400	pass
12.	Sulfur dioxide ^{2/}	ppm	Absorption Sampling, Barium-Thorin Titrimetric Method	<1.3	≤500	pass
13.	Carbon monoxide ^{2/}	ppm	Instrumental Analyzer Method	<1	≤870	pass

Remark : 1. ^{1/} Notification of Ministry of Industry on the Prescription of the Content Values of Air Contaminants Emitted from the Factory B.E. 2549 (Dated 31 October B.E. 2549)
2. ^{2/} Reference condition is 25 degree Celsius at 1 Atmosphere and Dry Basis

LABORATORY

ภาคผนวก ค-3

ใบรายงานผลการตรวจคุณภาพสิ่งแวดล้อมในสถานที่ทำงาน

ANALYSIS REPORT

Analysis No. : Lab-A 270/2565

Job No. : PCL 0867/65

Report Date : July 14, 2022

Customer Name : บริษัท โอจี พอร์จ (ไทยแลนด์) จำกัด

Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมบึงทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110

Sampling Date : June 20-24, 2022

Received Date : June 27, 2022

Sampling By : Pacific Laboratory Co., Ltd.

Analytical Date : June 28, 2022

Sampling Method : HSE84, NIOSH

Sampling Time : 08:30 a.m. - 05:30 p.m.

Sampling Condition : Good

Sampling Source : Work Place Air

Item	Location	Parameter	Unit	Method of Analysis	Analytical Technique	Result	Standard		Evaluation	
							1/	2/	1/	2/
1.	Finishing : CNC Machining Line 1	Oil mist	mg/m ³	HSE84	GR	<0.1	-	≤5 ^{3/}	-	pass ^{3/}
2.	Finishing : CNC Machining Line 2	Oil mist	mg/m ³	HSE84	GR	<0.1	-	≤5 ^{3/}	-	pass ^{3/}
3.	Finishing : CNC Machining Line 3	Oil mist	mg/m ³	HSE84	GR	<0.1	-	≤5 ^{3/}	-	pass ^{3/}
4.	Finishing : CNC Machining Line 4	Oil mist	mg/m ³	HSE84	GR	<0.1	-	≤5 ^{3/}	-	pass ^{3/}
5.	Finishing : CNC Machining Line 5	Oil mist	mg/m ³	HSE84	GR	<0.1	-	≤5 ^{3/}	-	pass ^{3/}
6.	4500T : เครื่องขัดผิว (Shot Hanger Blast)	Total dust	mg/m ³	NIOSH0500	GR	0.440	-	≤10	-	pass
		Respirable dust	mg/m ³	NIOSH0600	GR	0.240	-	≤3	-	pass
7.	4500T : Crank (Cutting)	Oil mist	mg/m ³	HSE84	GR	<0.1	-	≤5 ^{3/}	-	pass ^{3/}
8.	4500T : เครื่องทุบขึ้นรูป 4500T (Main Press)	Total dust	mg/m ³	NIOSH0500	GR	0.500	-	≤10	-	pass
		Respirable dust	mg/m ³	NIOSH0600	GR	0.257	-	≤3	-	pass
9.	Forging : เครื่องทุบขึ้นรูป 1600T Line 1 (Main Press)	Total dust	mg/m ³	NIOSH0500	GR	0.250	-	≤10	-	pass
		Respirable dust	mg/m ³	NIOSH0600	GR	0.117	-	≤3	-	pass
10.	Forging : เครื่องทุบขึ้นรูป 1600T Line 2 (Main Press)	Total dust	mg/m ³	NIOSH0500	GR	0.406	-	≤10	-	pass
		Respirable dust	mg/m ³	NIOSH0600	GR	0.168	-	≤3	-	pass

Remark : 1. ^{1/} Notification of Department of labour protection and welfare on the limits the concentration of hazardous chemical substances (Dated 28 June B.E. 2560)

2. ^{2/} ACGIH = American Conference of Governmental Industrial Hygienist, 2022

3. ^{3/} ACGIH = American Conference of Governmental Industrial Hygienist, 2009

ANALYSIS REPORT

Analysis No. : Lab-A 270/2565

Job No. : PCL 0867/65

Report Date : July 14, 2022

Customer Name : บริษัท โอจี ฟอรัจ (ไทยแลนด์) จำกัด

Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110

Sampling Date : June 20-24, 2022

Received Date : June 27, 2022

Sampling By : Pacific Laboratory Co., Ltd.

Analytical Date : June 28, 2022

Sampling Method : HSE84, NIOSH

Sampling Time : 08:30 a.m. - 05:30 p.m.

Sampling Condition : Good

Sampling Source : Work Place Air

Item	Location	Parameter	Unit	Method of Analysis	Analytical Technique	Result	Standard		Evaluation	
							1/	2/	1/	2/
11.	Forging : Screw Press No. 1 (Main Press) [REDACTED]	Total dust	mg/m ³	NIOSH0500	GR	0.254	-	≤10	-	pass
		Respirable dust	mg/m ³	NIOSH0600	GR	0.062	-	≤3	-	pass
12.	Forging : Screw Press No. 2 (Main Press) [REDACTED]	Total dust	mg/m ³	NIOSH0500	GR	0.385	-	≤10	-	pass
		Respirable dust	mg/m ³	NIOSH0600	GR	0.165	-	≤3	-	pass
13.	Forging : เครื่องทุบขึ้นรูป 3000T (Main Press) [REDACTED]	Total dust	mg/m ³	NIOSH0500	GR	0.262	-	≤10	-	pass
		Respirable dust	mg/m ³	NIOSH0600	GR	0.050	-	≤3	-	pass
14.	Forging : Cutting Line	Oil mist	mg/m ³	HSE84	GR	<0.1	-	≤5 ^{3/}	-	pass ^{3/}
15.	Forging : NC Screw Press	Oil mist	mg/m ³	HSE84	GR	<0.1	-	≤5 ^{3/}	-	pass ^{3/}

Remark : 1. ^{1/} Notification of Department of labour protection and welfare on the limits the concentration of hazardous chemical substances
(Dated 28 June B.E. 2560)

2. ^{2/} ACGIH = American Conference of Governmental Industrial Hygienist, 2022

3. ^{3/} ACGIH = American Conference of Governmental Industrial Hygienist, 2009



ANALYSIS REPORT

Analysis No. : Heat 241/2565

Job No. : PCL 0867/65

Report Date : July 8, 2022

Customer Name : บริษัท ไอจี ฟอจ (ไทยแลนด์) จำกัด
 Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมบึงทอง 2 ตำบลหนองขาม อำเภอสรีราชา จังหวัดชลบุรี 20110
 Measured Date : May 22-24, 2022
 Measured By : Pacific Laboratory Co., Ltd.
 Sampling Source : Work Place Air Temperature
 Measured Instrument : Heat Stress Monitor 3M Model WB-300 Serial Number WBR080019, Heat Stress Monitor Metrosonics Model hs-32 Serial Number MCF070018,
 Heat Stress Monitor Quest Technologies Model QUESTemp 34 Serial Number TED060012, TED060013

Item	Location/Similar Exposure Group	Interval Time	Temperature (°C)					Type of Work	Work Load			Evaluation
			T _{NWB}	T _{DB}	T _{GT}	WBGT In/Out	WBGT Average		Energy Used (Kcal/Hr)	Average Energy Used (Kcal/Hr)	Level of Work Load	
1.	4500T : เครื่องทุบขึ้นรูป 4500T (Main Press) [REDACTED]	10:00 a.m.-12:00 a.m.	26.7	31.6	32.5	28.4	28.4	งานควบคุม (120 นาที)	150	150	Light Work Load	pass
Standard ^V (Light Work Load) = 34.0 WBGT												
2.	Forging : เครื่องทุบขึ้นรูป 1600T Line 1 (Main Press) [REDACTED]	01:00 p.m.-03:00 p.m.	26.7	29.7	30.7	27.9	27.9	ควบคุมและนำชิ้นงานเข้าเครื่องจักร (120 นาที)	225	225	Moderate Work Load	pass
Standard ^V (Moderate Work Load) = 32.0 WBGT												

Remark : 1. T_{NWB} = Nature Wet Bulb Temperature
 2. T_{DB} = Dry Bulb Temperature
 3. T_{GT} = Globe Temperature
 4. WBGT = Wet Bulb Globe Temperature Index
 5. ^V Ministerial Regulation on Standard of Safety Administration and Management, Occupational Health and Environmental Condition concerning Heat, Light and Noise, B.E. 2559 (Dated 7 October B.E. 2559) (Section 1 : Heat)
 6. Measurement Reference of Notification of Department of labour protection and welfare on the standards measuring methods and analysis about the working conditions of heat, light and noise including the duration and the type of business that must be performed. (Dated 8 February B.E. 2561)

ANALYSIS REPORT

Analysis No. : Heat 241/2565

Job No. : PCL 0867/65

Report Date : July 8, 2022

Customer Name : บริษัท ไอจี ฟอรัจ (ไทยแลนด์) จำกัด
 Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอสรีราชา จังหวัดชลบุรี 20110
 Measured Date : May 22-24, 2022
 Measured By : Pacific Laboratory Co., Ltd.
 Sampling Source : Work Place Air Temperature
 Measured Instrument : Heat Stress Monitor 3M Model WB-300 Serial Number WBR080019, Heat Stress Monitor Metrosonics Model hs-32 Serial Number MCF070018,
 Heat Stress Monitor Quest Technologies Model QUESTemp 34 Serial Number TED060012, TED060013

Item	Location/Similar Exposure Group	Interval Time	Temperature (°C)					Type of Work	Work Load			Evaluation
			T _{NWB}	T _{DB}	T _{GT}	WBGT In/Out	WBGT Average		Energy Used (Kcal/Hr)	Average Energy Used (Kcal/Hr)	Level of Work Load	
3.	Forging : เครื่องทุบขึ้นรูป 1600T Line 2 (Main Press) [REDACTED]	01:00 p.m.-03:00 p.m.	26.7	31.0	31.6	28.2	28.2	ควบคุมและนำชิ้นงานเข้าเครื่องจักร (120 นาที)	225	225	Moderate Work Load	pass
Standard ^V (Moderate Work Load) = 32.0 WBGT												
4.	Forging : Screw Press No. 1 (Main Press) [REDACTED]	10:00 a.m.-12:00 a.m.	26.2	33.5	33.9	28.5	28.5	ควบคุมและนำชิ้นงานเข้าเครื่องจักร (120 นาที)	225	225	Moderate Work Load	pass
Standard ^V (Moderate Work Load) = 32.0 WBGT												

Remark : 1. T_{NWB} = Nature Wet Bulb Temperature
 2. T_{DB} = Dry Bulb Temperature
 3. T_{GT} = Globe Temperature
 4. WBGT = Wet Bulb Globe Temperature Index
 5. ^V Ministerial Regulation on Standard of Safety Administration and Management, Occupational Health and Environmental Condition concerning Heat, Light and Noise, B.E. 2559 (Dated 1 October B.E. 2559), Section 1 : Heat
 6. Measurement Reference of Notification of Department of labour protection and welfare on the standards measuring methods and analysis about the working conditions of heat, light and noise, including the duration and the type of business that must be performed. (Dated 8 February B.E. 2561)

LABORATORY

ANALYSIS REPORT

Analysis No. : Heat 241/2565

Job No. : PCL 0867/65

Report Date : July 8, 2022

Customer Name : บริษัท ไอจี ฟอรัจ (ไทยแลนด์) จำกัด
Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอสรีราชา จังหวัดชลบุรี 20110
Measured Date : May 22-24, 2022
Measured By : Pacific Laboratory Co., Ltd.
Sampling Source : Work Place Air Temperature
Measured Instrument : Heat Stress Monitor 3M Model WB-300 Serial Number WBR080019, Heat Stress Monitor Metrosonics Model hs-32 Serial Number MCF070018, Heat Stress Monitor Quest Technologies Model QUESTemp 34 Serial Number TED060012, TED060013

Item	Location/Similar Exposure Group	Interval Time	Temperature (°C)					Type of Work	Work Load			Evaluation
			T _{NWB}	T _{DB}	T _{GT}	WBGT In/Out	WBGT Average		Energy Used (Kcal/Hr)	Average Energy Used (Kcal/Hr)	Level of Work Load	
5.	Forging : Screw Press No. 2 (Main Press) [REDACTED]	01:00 p.m.-03:00 p.m.	26.7	30.1	30.5	27.8	27.8	ควบคุมและนำชิ้นงานเข้าเครื่องจักร (120 นาที)	225	225	Moderate Work Load	pass
Standard ^v (Moderate Work Load) = 32.0 WBGT												
6.	Forging : เครื่องทุบขึ้นรูป 3000T (Main Press) [REDACTED]	01:00 p.m.-03:00 p.m.	26.4	33.7	34.2	28.7	28.7	ควบคุมและนำชิ้นงานเข้าเครื่องจักร (120 นาที)	225	225	Moderate Work Load	pass
Standard ^v (Moderate Work Load) = 32.0 WBGT												

Remark : 1. T_{NWB} = Nature Wet Bulb Temperature
2. T_{DB} = Dry Bulb Temperature
3. T_{GT} = Globe Temperature
4. WBGT = Wet Bulb Globe Temperature Index
5. ^v Ministerial Regulation on Standard of Safety Administration and Management, Occupational Health and Environmental Condition concerning Heat, Light and Noise, B.E. 2559 (Dated 7 October B.E. 2559) (Section 1 : Heat)
6. Measurement Reference of Notification of Department of labour protection and welfare on the standards measuring methods and analysis about the working conditions of heat, light and noise including the duration and the type of business that must be performed. (Dated 8 February B.E. 2561)



NOISE EXPOSURE ANALYSIS REPORT

Analysis No. : ND 111/2565

Job No. : PCL 0867/65

Report Date : July 8, 2022

Customer Name : บริษัท ไอจี ฟอรัจ (ไทยแลนด์) จำกัด
Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอสรรีราชา จังหวัดชลบุรี 20110
Measured By : Pacific Laboratory Co., Ltd.
Location : Finishing : Knuckle (Magna) #1
Similar Exposure Group :
Measured Date : June 21, 2022
Measured Instrument : Noise Dose Meter Cirrus Research plc Model CR:110A Serial Number CB1171

Item	Unit	Result	Standard ^{1/}	Evaluation ^{1/}
Time weighted average level	(dBA)	81.2	≤85	pass
8 hours Dose	%	42.05	-	-

Remark : 1.^{1/} Notification of Department of labour protection and welfare on the standards Sound levels that allow employee's received an average duration of each work day. (Dated 13 December B.E. 2560)
2. Measurement Reference of Notification of Department of labour protection and welfare on the standards measuring methods and analysis about the working conditions of heat, light and sound including the duration and the type of business that must be performed. (Dated 8 February B.E. 2561)

LABORATORY

NOISE EXPOSURE ANALYSIS REPORT

Analysis No. : ND 111/2565

Job No. : PCL 0867/65

Report Date : July 8, 2022

Customer Name : บริษัท ไอจี ฟอรัจ (ไทยแลนด์) จำกัด
Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110
Measured By : Pacific Laboratory Co., Ltd.
Location : Finishing - Knuckle (Magna) #2
Similar Exposure Group :
Measured Date : June 21, 2022
Measured Instrument : Noise Dose Meter Cirrus Research plc Model CR:110A Serial Number CB1173

Item	Unit	Result	Standard ^{1/}	Evaluation ^{1/}
Time weighted average level	(dBA)	85.0	≤85	pass
8 hours Dose	%	100	-	-

Remark : 1. ^{1/} Notification of Department of labour protection and welfare on the standards Sound levels that allow employee's received an average duration of each work day. (Dated 13 December B.E. 2560)
2. Measurement Reference of Notification of Department of labour protection and welfare on the standards measuring methods and analysis about the working conditions of heat, light and sound including the duration and the type of business that must be performed. (Dated 8 February B.E. 2561)

NOISE EXPOSURE ANALYSIS REPORT

Analysis No. : ND 111/2565

Job No. : PCL 0867/65

Report Date : July 8, 2022

Customer Name : บริษัท ไอจี พอร์จ (ไทยแลนด์) จำกัด
Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110
Measured By : Pacific Laboratory Co., Ltd.
Location : 4500T : เครื่องขัดผิว (Shot Hanger Blast)
Similar Exposure Group :
Measured Date : June 24, 2022
Measured Instrument : Noise Dose Meter Cirrus Research plc Model CR:110A Serial Number CB0451

Item	Unit	Result	Standard ^{1/}	Evaluation ^{1/}
Time weighted average level	(dBA)	80.5	≤85	pass
8 hours Dose	%	35.74	-	-

Remark :

- ^{1/} Notification of Department of labour protection and welfare on the standards Sound levels that allow employee's received an average duration of each work day. (Dated 13 December B.E. 2560)
- Measurement Reference of Notification of Department of labour protection and welfare on the standards measuring methods and analysis about the working conditions of heat, light and sound including the duration and the type of business that must be performed. (Dated 8 February B.E. 2561)

NOISE EXPOSURE ANALYSIS REPORT

Analysis No. : ND 111/2565

Job No. : PCL 0867/65

Report Date : July 8, 2022

Customer Name : บริษัท ไอจี ฟอรัจ (ไทยแลนด์) จำกัด
Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110
Measured By : Pacific Laboratory Co., Ltd.
Location : 4500T : Crank (Magna)
Similar Exposure Group :
Measured Date : June 24, 2022
Measured Instrument : Noise Dose Meter Cirrus Research plc Model CR:110A Serial Number CB0453

Item	Unit	Result	Standard ^{1/}	Evaluation ^{1/}
Time weighted average level	(dBA)	81.2	≤85	pass
8 hours Dose	%	41.22	-	-

Remark :

- ^{1/} Notification of Department of labour protection and welfare on the standards Sound levels that allow employee's received an average duration of each work day. (Dated 13 December B.E. 2560)
- Measurement Reference of Notification of Department of labour protection and welfare on the standards measuring methods and analysis about the working conditions of heat, light and sound including the duration and the type of business that must be performed. (Dated 8 February B.E. 2561)

LABORATORY

NOISE EXPOSURE ANALYSIS REPORT

Analysis No. : ND 111/2565

Job No. : PCL 0867/65

Report Date : July 8, 2022

Customer Name : บริษัท โอจี ฟอรัจ (ไทยแลนด์) จำกัด
Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110
Measured By : Pacific Laboratory Co., Ltd.
Location : 4500T : Crank (Cuttine) #1
Similar Exposure Group :
Measured Date : June 22, 2022
Measured Instrument : Noise Dose Meter Soundtek Model ST-130 Serial Number 160500113

Item	Unit	Result	Standard ^{1/}	Evaluation ^{1/}
Time weighted average level	(dBA)	80.7	≤85	pass
8 hours Dose	%	37.02	-	-

Remark : 1.^{1/} Notification of Department of labour protection and welfare on the standards Sound levels that allow employee's received an average duration of each work day. (Dated 13 December B.E. 2560)
2. Measurement Reference of Notification of Department of labour protection and welfare on the standards measuring methods and analysis about the working conditions of heat, light and sound including the duration and the type of business that must be performed. (Dated 8 February B.E. 2561)

LABORATORY

NOISE EXPOSURE ANALYSIS REPORT

Analysis No. : ND 111/2565

Job No. : PCL 0867/65

Report Date : July 8, 2022

Customer Name : บริษัท ไอจี พอร์จ (ไทยแลนด์) จำกัด
Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอสรรีราชฯ จังหวัดชลบุรี 20110
Measured By : Pacific Laboratory Co., Ltd.
Location : 4500T : Crank (Cutting) #2
Similar Exposure Group :
Measured Date : June 22, 2022
Measured Instrument : Noise Dose Meter EXTECH Model SL400 Serial Number 210100146

Item	Unit	Result	Standard ^{1/}	Evaluation ^{1/}
Time weighted average level	(dBA)	82.0	≤85	pass
8 hours Dose	%	50.04	-	-

Remark : 1.^{1/} Notification of Department of labour protection and welfare on the standards Sound levels that allow employee's received an average duration of each work day. (Dated 13 December B.E. 2560)
2. Measurement Reference of Notification of Department of labour protection and welfare on the standards measuring methods and analysis about the working conditions of heat, light and sound including the duration and the type of business that must be performed. (Dated 8 February B.E. 2561)

LABORATORY

NOISE EXPOSURE ANALYSIS REPORT

Analysis No. : ND 111/2565

Job No. : PCL 0867/65

Report Date : July 8, 2022

Customer Name : บริษัท ไอจี พอร์จ (ไทยแลนด์) จำกัด
Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110
Measured By : Pacific Laboratory Co., Ltd.
Location : 4500T : เครื่องทุบขึ้นรูป 4500T (Main Press)
Similar Exposure Group :
Measured Date : June 22, 2022
Measured Instrument : Noise Dose Meter Soundtek Model ST-130 Serial Number 160500111

Item	Unit	Result	Standard ^{1/}	Evaluation ^{1/}
Time weighted average level	(dBA)	86.8	≤85	fail
8 hours Dose	%	150	-	-

Remark : 1.^{1/} Notification of Department of labour protection and welfare on the standards Sound levels that allow employee's received an average duration of each work day. (Dated 13 December B.E. 2560)
2. Measurement Reference of Notification of Department of labour protection and welfare on the standards measuring methods and analysis about the working conditions of heat, light and sound including the duration and the type of business that must be performed. (Dated 8 February B.E. 2561)

NOISE EXPOSURE ANALYSIS REPORT

Analysis No. : ND 111/2565

Job No. : PCL 0867/65

Report Date : July 8, 2022

Customer Name : บริษัท โอจี ฟอรัจ (ไทยแลนด์) จำกัด
Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมบึงทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110
Measured By : Pacific Laboratory Co., Ltd.
Location : Foreign : เครื่องทบชั้นรูป 1600T Line 1 (Main Press)
Similar Exposure Group :
Measured Date : June 23, 2022
Measured Instrument : Noise Dose Meter Cirrus Model CR:110A Serial Number CB1176

Item	Unit	Result	Standard ^{1/}	Evaluation ^{1/}
Time weighted average level	(dBA)	86.6	≤85	fail
8 hours Dose	%	143	-	-

Remark : 1.^{1/} Notification of Department of labour protection and welfare on the standards Sound levels that allow employee's received an average duration of each work day. (Dated 13 December B.E. 2560)
2. Measurement Reference of Notification of Department of labour protection and welfare on the standards measuring methods and analysis about the working conditions of heat, light and sound including the duration and the type of business that must be performed. (Dated 8 February B.E. 2561)

NOISE EXPOSURE ANALYSIS REPORT

Analysis No. : ND 111/2565

Job No. : PCL 0867/65

Report Date : July 8, 2022

Customer Name : บริษัท ไอจี พอร์จ (ไทยแลนด์) จำกัด
Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอสรรพยา จังหวัดชัยภูมิ 20110
Measured By : Pacific Laboratory Co., Ltd.
Location : Forging : เครื่องทุบขึ้นรูป 1600T Line 2 (Main Press)
Similar Exposure Group :
Measured Date : June 23, 2022
Measured Instrument : Noise Dose Meter Soundtek Model ST-130 Serial Number 220100162

Item	Unit	Result	Standard ^{1/}	Evaluation ^{1/}
Time weighted average level	(dBA)	87.5	≤85	fail
8 hours Dose	%	176	-	-

Remark : 1.^{1/} Notification of Department of labour protection and welfare on the standards Sound levels that allow employee's received an average duration of each work day. (Dated 13 December B.E. 2560)
2. Measurement Reference of Notification of Department of labour protection and welfare on the standards measuring methods and analysis about the working conditions of heat, light and sound including the duration and the type of business that must be performed. (Dated 8 February B.E. 2561)

NOISE EXPOSURE ANALYSIS REPORT

Analysis No. : ND 111/2565

Job No. : PCL 0867/65

Report Date : July 8, 2022

Customer Name : บริษัท ไอจี พอร์จ (ไทยแลนด์) จำกัด
Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110
Measured By : Pacific Laboratory Co., Ltd.
Location : Foreign : Screw Press No. 1 (Main Press)
Similar Exposure Group :
Measured Date : June 23, 2022
Measured Instrument : Noise Dose Meter Cirrus Model CR:110A Serial Number CB1175

Item	Unit	Result	Standard ^{1/}	Evaluation ^{1/}
Time weighted average level	(dBA)	86.2	≤85	fail
8 hours Dose	%	131	-	-

Remark : 1.^{1/} Notification of Department of labour protection and welfare on the standards Sound levels that allow employee's received an average duration of each work day. (Dated 13 December B.E. 2560)
2. Measurement Reference of Notification of Department of labour protection and welfare on the standards measuring methods and analysis about the working conditions of heat, light and sound including the duration and the type of business that must be performed. (Dated 8 February B.E. 2561)

NOISE EXPOSURE ANALYSIS REPORT

Analysis No. : ND 111/2565

Job No. : PCL 0867/65

Report Date : July 8, 2022

Customer Name : บริษัท ไอจี พอร์จ (ไทยแลนด์) จำกัด
Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110
Measured By : Pacific Laboratory Co., Ltd.
Location : Forging : Screw Press No. 2 (Main Press)
Similar Exposure Group :
Measured Date : June 23, 2022
Measured Instrument : Noise Dose Meter Cirrus Model CR:110A Serial Number CB1172

Item	Unit	Result	Standard ^{1/}	Evaluation ^{1/}
Time weighted average level	(dBA)	86.8	≤85	fail
8 hours Dose	%	150	-	-

Remark : 1.^{1/} Notification of Department of labour protection and welfare on the standards Sound levels that allow employee's received an average duration of each work day. (Dated 13 December B.E. 2560)
2. Measurement Reference of Notification of Department of labour protection and welfare on the standards measuring methods and analysis about the working conditions of heat, light and sound including the duration and the type of business that must be performed. (Dated 8 February B.E. 2561)

NOISE EXPOSURE ANALYSIS REPORT

Analysis No. : ND 111/2565

Job No. : PCL 0867/65

Report Date : July 8, 2022

Customer Name : บริษัท ไอจี ฟอรัจ (ไทยแลนด์) จำกัด
Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110
Measured By : Pacific Laboratory Co., Ltd.
Location : Forging : เครื่องทุบชิ้นรูป 3000T (Main Press)
Similar Exposure Group :
Measured Date : June 24, 2022
Measured Instrument : Noise Dose Meter Soundtek Model ST-130 Serial Number 160500113

Item	Unit	Result	Standard ^{1/}	Evaluation ^{1/}
Time weighted average level	(dBA)	82.9	≤85	pass
8 hours Dose	%	61.24	-	-

Remark : 1.^{1/} Notification of Department of labour protection and welfare on the standards Sound levels that allow employee's received an average duration of each work day. (Dated 13 December B.E. 2560)
2. Measurement Reference of Notification of Department of labour protection and welfare on the standards measuring methods and analysis about the working conditions of heat, light and sound including the duration and the type of business that must be performed. (Dated 8 February B.E. 2561)

NOISE EXPOSURE ANALYSIS REPORT

Analysis No. : ND 111/2565

Job No. : PCL 0867/65

Report Date : July 8, 2022

Customer Name : บริษัท ไอจี ฟอรัจ (ไทยแลนด์) จำกัด
Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมบึงทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110
Measured By : Pacific Laboratory Co., Ltd.
Location : Forging : Cutting Line 1
Similar Exposure Group :
Measured Date : June 23, 2022
Measured Instrument : Noise Dose Meter EXTECH Model SL400 Serial Number 210100146

Item	Unit	Result	Standard ^{1/}	Evaluation ^{1/}
Time weighted average level	(dBA)	84.1	≤85	pass
8 hours Dose	%	81.25	-	-

Remark : 1.^{1/} Notification of Department of labour protection and welfare on the standards Sound levels that allow employee's received an average duration of each work day. (Dated 13 December B.E. 2560)
2. Measurement Reference of Notification of Department of labour protection and welfare on the standards measuring methods and analysis about the working conditions of heat, light and sound including the duration and the type of business that must be performed. (Dated 8 February B.E. 2561)

NOISE EXPOSURE ANALYSIS REPORT

Analysis No. : ND 111/2565

Job No. : PCL 0867/65

Report Date : July 8, 2022

Customer Name : บริษัท ไอจี ฟอรัจ (ไทยแลนด์) จำกัด
Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110
Measured By : Pacific Laboratory Co., Ltd.
Location : Forging : Cutting Line 2
Similar Exposure Group :
Measured Date : June 23, 2022
Measured Instrument : Noise Dose Meter Soundtek Model ST-130 Serial Number 220100154

Item	Unit	Result	Standard ^{1/}	Evaluation ^{1/}
Time weighted average level	(dBA)	87.4	≤85	fail
8 hours Dose	%	172	-	-

Remark : 1.^{1/} Notification of Department of labour protection and welfare on the standards Sound levels that allow employee's received an average duration of each work day. (Dated 13 December B.E. 2560)
2. Measurement Reference of Notification of Department of labour protection and welfare on the standards measuring methods and analysis about the working conditions of heat, light and sound including the duration and the type of business that must be performed. (Dated 8 February B.E. 2561)

BORATOR

NOISE EXPOSURE ANALYSIS REPORT

Analysis No. : ND 111/2565

Job No. : PCL 0867/65

Report Date : July 8, 2022

Customer Name : บริษัท ไอจี พอร์จ (ไทยแลนด์) จำกัด
Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมบึงทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110
Measured By : Pacific Laboratory Co., Ltd.
Location : Forging : Cutting Line 3
Similar Exposure Group :
Measured Date : June 23, 2022
Measured Instrument : Noise Dose Meter Soundtek Model ST-130 Serial Number 160500113

Item	Unit	Result	Standard ^{1/}	Evaluation ^{1/}
Time weighted average level	(dBA)	85.0	≤85	pass
8 hours Dose	%	100	-	-

Remark : 1. ^{1/} Notification of Department of labour protection and welfare on the standards Sound levels that allow employee's received an average duration of each work day. (Dated 13 December B.E. 2560)
2. Measurement Reference of Notification of Department of labour protection and welfare on the standards measuring methods and analysis about the working conditions of heat, light and sound including the duration and the type of business that must be performed. (Dated 8 February B.E. 2561)

LABORATORY

ANALYSIS REPORT

Analysis No. : Noise 204/2565

Job No. : PCL 0867/65

Report Date : July 8, 2022

Customer Name : บริษัท ไอจี พอร์จ (ไทยแลนด์) จำกัด
Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110
Measured By : Pacific Laboratory Co., Ltd.
Sampling Source : Work Place Noise
Measured Date/Time : June 20, 2022 (01:00 p.m. - 05:00 p.m.)
Measured Instrument : Sound Level Meter ACO Model 6236 Serial Number 222132

Location	Impulse Noise (dBC) (Lpeak)	Standard ^{1/}	Evaluation ^{1/}
Finishing : CNC Machining Line 1	112.4	≤140	pass

Remark : 1. ^{1/} Ministerial Regulation on Standard of Safety Administration and Management, Occupational Health and Environmental Condition concerning Heat, Light and Noise, B.E. 2559 (Dated 7 October B.E. 2559) (Section 3 : Noise)

LABORATORY

ANALYSIS REPORT

Analysis No. : Noise 204/2565

Job No. : PCL 0867/65

Report Date : July 8, 2022

Customer Name : บริษัท ไอจี พอร์จ (ไทยแลนด์) จำกัด
Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอสรีราชา จังหวัดชลบุรี 20110
Measured By : Pacific Laboratory Co., Ltd.
Sampling Source : Work Place Noise
Measured Date/Time : June 20, 2022 (01:00 p.m. - 05:00 p.m.)
Measured Instrument : Sound Level Meter ACO Model 6236 Serial Number 222046

Location	Impulse Noise (dBC) (Lpeak)	Standard ^{1/}	Evaluation ^{1/}
Finishing : CNC Machining Line 2	111.1	≤140	pass

Remark : 1. ^{1/} Ministerial Regulation on Standard of Safety Administration and Management, Occupational Health and Environmental Condition concerning Heat, Light and Noise, B.E. 2559 (Dated 7 October B.E. 2559) (Section 3 : Noise)

LABORATORY

ANALYSIS REPORT

Analysis No. : Noise 204/2565

Job No. : PCL 0867/65

Report Date : July 8, 2022

Customer Name : บริษัท ไอจี พอร์จ (ไทยแลนด์) จำกัด
Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมบึงทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110
Measured By : Pacific Laboratory Co., Ltd.
Sampling Source : Work Place Noise
Measured Date/Time : June 20, 2022 (01:00 p.m. - 05:00 p.m.)
Measured Instrument : Sound Level Meter ACO Model 6236 Serial Number 222174

Location	Impulse Noise (dBC) (L _{peak})	Standard ^{1/}	Evaluation ^{1/}
Finishing : CNC Machining Line 3	116.2	≤140	pass

Remark : 1. ^{1/} Ministerial Regulation on Standard of Safety Administration and Management, Occupational Health and Environmental Condition concerning Heat, Light and Noise, B.E. 2559 (Dated 7 October B.E. 2559) (Section 3 : Noise)

LABORATORY

ANALYSIS REPORT

Analysis No. : Noise 204/2565

Job No. : PCL 0867/65

Report Date : July 8, 2022

Customer Name : บริษัท ไอจี พอร์จ (ไทยแลนด์) จำกัด
Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110
Measured By : Pacific Laboratory Co., Ltd.
Sampling Source : Work Place Noise
Measured Date/Time : June 20, 2022 (02:00 p.m. - 06:00 p.m.)
Measured Instrument : Sound Level Meter ACO Model 6236 Serial Number 222019

Location	Impulse Noise (dBC) (L _{peak})	Standard ^{1/}	Evaluation ^{1/}
Finishing : CNC Machining Line 4	106.5	≤140	pass

Remark : 1. ^{1/} Ministerial Regulation on Standard of Safety Administration and Management, Occupational Health and Environmental Condition concerning Heat, Light and Noise, B.E. 2559 (Dated 7 October B.E. 2559) (Section 3 : Noise)

LABORATORY

ANALYSIS REPORT

Analysis No. : Noise 204/2565
Job No. : PCL 0867/65
Report Date : July 8, 2022

Customer Name : บริษัท ไอจี พอร์จ (ไทยแลนด์) จำกัด
Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110
Measured By : Pacific Laboratory Co., Ltd.
Sampling Source : Work Place Noise
Measured Date/Time : June 20, 2022 (02:00 p.m. - 06:00 p.m.)
Measured Instrument : Sound Level Meter ACO Model 6236 Serial Number 222169

Location	Impulse Noise (dBC) (L _{peak})	Standard ^{1/}	Evaluation ^{1/}
Finishing : CNC Machining Line 5	111.2	≤140	pass

Remark : 1. ^{1/} Ministerial Regulation on Standard of Safety Administration and Management, Occupational Health and Environmental Condition concerning Heat, Light and Noise, B.E. 2559 (Dated 7 October B.E. 2559) (Section 3 : Noise)



ANALYSIS REPORT

Analysis No. : Noise 204/2565
Job No. : PCL 0867/65
Report Date : July 8, 2022

Customer Name : บริษัท ไอจี พอร์จ (ไทยแลนด์) จำกัด
Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110
Measured By : Pacific Laboratory Co., Ltd.
Sampling Source : Work Place Noise
Measured Date/Time : June 22, 2022 (08:00 p.m. - 12:00 p.m.)
Measured Instrument : Sound Level Meter ACO Model 6236 Serial Number 222043

Location	Impulse Noise (dBC) (Lpeak)	Standard ^{1/}	Evaluation ^{1/}
4500T : Crank (Cutting) #1	130.4	≤140	pass

Remark : 1. ^{1/} Ministerial Regulation on Standard of Safety Administration and Management, Occupational Health and Environmental Condition concerning Heat, Light and Noise, B.E. 2559 (Dated 7 October B.E. 2559) (Section 3 : Noise)

LABORATORY

ANALYSIS REPORT

Analysis No. : Noise 204/2565
Job No. : PCL 0867/65
Report Date : July 8, 2022

Customer Name : บริษัท ไอจี ฟอรัจ (ไทยแลนด์) จำกัด
Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอสรีราชา จังหวัดชลบุรี 20110
Measured By : Pacific Laboratory Co., Ltd.
Sampling Source : Work Place Noise
Measured Date/Time : June 22, 2022 (08:00 p.m. - 12:00 p.m.)
Measured Instrument : Sound Level Meter ACO Model 6236 Serial Number 222018

Location	Impulse Noise (dBC) (Lpeak)	Standard ^{1/}	Evaluation ^{1/}
4500T : Crank (Cutting) #2	131.0	≤140	pass

Remark : 1. ^{1/} Ministerial Regulation on Standard of Safety Administration and Management, Occupational Health and Environmental Condition concerning Heat, Light and Noise, B.E. 2559 (Dated 7 October B.E. 2559) (Section 3 : Noise)



ANALYSIS REPORT

Analysis No. : Noise 204/2565

Job No. : PCL 0867/65

Report Date : July 8, 2022

Customer Name : บริษัท โอจี ฟอรัจ (ไทยแลนด์) จำกัด
Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอสรีราชา จังหวัดชลบุรี 20110
Measured By : Pacific Laboratory Co., Ltd.
Sampling Source : Work Place Noise
Measured Date/Time : June 22, 2022 (01:00 p.m. - 05:00 p.m.)
Measured Instrument : Sound Level Meter ACO Model 6236 Serial Number 222014

Location	Impulse Noise (dBC) (Lpeak)	Standard ^{1/}	Evaluation ^{1/}
Forging : Cutting Line 1	137.0	≤140	pass

Remark : 1. ^{1/} Ministerial Regulation on Standard of Safety Administration and Management, Occupational Health and Environmental Condition concerning Heat, Light and Noise, B.E. 2559 (Dated 7 October B.E. 2559) (Section 3 : Noise)

ANALYSIS REPORT

Analysis No. : Noise 204/2565

Job No. : PCL 0867/65

Report Date : July 8, 2022

Customer Name : บริษัท ไอจี พอร์ซ (ไทยแลนด์) จำกัด
Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110
Measured By : Pacific Laboratory Co., Ltd.
Sampling Source : Work Place Noise
Measured Date/Time : June 22, 2022 (11:00 a.m. - 03:00 p.m.)
Measured Instrument : Sound Level Meter ACO Model 6236 Serial Number 222176

Location	Impulse Noise (dBC) (Lpeak)	Standard ^{1/}	Evaluation ^{1/}
Forging : Cutting Line 2	111.5	≤140	pass

Remark : 1. ^{1/} Ministerial Regulation on Standard of Safety Administration and Management, Occupational Health and Environmental Condition concerning Heat, Light and Noise, B.E. 2559 (Dated 7 October B.E. 2559) (Section 3 : Noise)



ANALYSIS REPORT

Analysis No. : Noise 204/2565

Job No. : PCL 0867/65

Report Date : July 8, 2022

Customer Name : บริษัท โอจี ฟอรัจ (ไทยแลนด์) จำกัด
Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110
Measured By : Pacific Laboratory Co., Ltd.
Sampling Source : Work Place Noise
Measured Date/Time : June 22, 2022 (11:00 a.m. - 03:00 p.m.)
Measured Instrument : Sound Level Meter ACO Model 6236 Serial Number 222171

Location	Impulse Noise (dBC) (L _{peak})	Standard ^{1/}	Evaluation ^{1/}
Forging : Cutting Line 3	134.6	≤140	pass

Remark : 1. ^{1/} Ministerial Regulation on Standard of Safety Administration and Management, Occupational Health and Environmental Condition concerning Heat, Light and Noise, B.E. 2559 (Dated 7 October B.E. 2559) (Section 3 : Noise)

LABORATORY



ANALYSIS REPORT

Analysis No. : Noise 204/2565
Job No. : PCL 0867/65
Report Date : July 8, 2022

Customer Name : บริษัท ไอจี ฟอรัจ (ไทยแลนด์) จำกัด
Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110
Measured By : Pacific Laboratory Co., Ltd.
Sampling Source : Work Place Noise
Measured Date/Time : June 23, 2022 (11:00 a.m. - 03:00 p.m.)
Measured Instrument : Sound Level Meter ACO Model 6236 Serial Number 222043

Location	Impulse Noise (dBC) (L _{peak})	Standard ^{1/}	Evaluation ^{1/}
Forging : NC Screw Press Line 1	115.9	≤140	pass

Remark : 1. ^{1/} Ministerial Regulation on Standard of Safety Administration and Management, Occupational Health and Environmental Condition concerning Heat, Light and Noise, B.E. 2559 (Dated 7 October B.E. 2559) (Section 3 : Noise)

LABORATORY



ANALYSIS REPORT

Analysis No. : Noise 204/2565

Job No. : PCL 0867/65

Report Date : July 8, 2022

Customer Name : บริษัท โอจี ฟอรัจ (ไทยแลนด์) จำกัด
Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมบึงทอง 2 ตำบลหนองขาม อำเภอสรีราชา จังหวัดชลบุรี 20110
Measured By : Pacific Laboratory Co., Ltd.
Sampling Source : Work Place Noise
Measured Date/Time : June 23, 2022 (11:00 a.m. - 03:00 p.m.)
Measured Instrument : Sound Level Meter ACO Model 6236 Serial Number 222176

Location	Impulse Noise (dBC) (Lpeak)	Standard ^{1/}	Evaluation ^{1/}
Forging : NC Screw Press Line 2	116.2	≤140	pass

Remark : 1. ^{1/} Ministerial Regulation on Standard of Safety Administration and Management, Occupational Health and Environmental Condition concerning Heat, Light and Noise, B.E. 2559 (Dated 7 October B.E. 2559) (Section 3 : Noise)

LABORATORY

ANALYSIS REPORT

Analysis No. : Noise 204/2565

Job No. : PCL 0867/65

Report Date : July 8, 2022

Customer Name : บริษัท ไอจี ฟอรัจ (ไทยแลนด์) จำกัด
Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110
Measured By : Pacific Laboratory Co., Ltd.
Sampling Source : Work Place Noise
Measured Date/Time : June 23, 2022 (11:00 a.m. - 03:00 p.m.)
Measured Instrument : Sound Level Meter ACO Model 6236 Serial Number 222018

Location	Impulse Noise (dBC) (Lpeak)	Standard ^{1/}	Evaluation ^{1/}
Forging : NC Screw Press Line 3	123.9	≤140	pass

Remark : 1. ^{1/} Ministerial Regulation on Standard of Safety Administration and Management, Occupational Health and Environmental Condition concerning Heat, Light and Noise, B.E. 2559 (Dated 7 October B.E. 2559) (Section 3 : Noise)


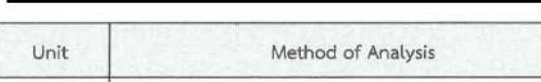
LABORATORY

ANALYSIS REPORT

Analysis No. : Lab-S 209/2565

Job No. : PCL 0867/65

Report Date : July 12, 2022

Customer Name : บริษัท โอจี ฟอรัจ (ไทยแลนด์) จำกัด
 Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมบึงทอง 2 ตำบลหนองขาม อำเภอสรีราชา จังหวัดชลบุรี 20110
 Sampling Source : ปล่อง Press 1600T Line 1
 GPS. Coordinate : UTM 47P 0719797 E, 1450619 N
 Air Pollution Control System : -
 Sampling Time : 03:15 p.m. - 03:45 p.m.
 Sampling Condition : Good
 Sampling Method : US. EPA. Method
 Sampling By : 
 Analyzed By : 

Fuel Type : Non
 Sampling Date : June 24, 2022
 Received Date : June 27, 2022
 Analytical Date : June 27, 2022
 Sample ID No. : 1078/06/65

Item	Description	Unit	Method of Analysis	Result	Standard ^{1/}	Evaluation ^{1/}
1.	Stack Height	m	Measuring Tape	8.00	-	-
2.	Stack Diameter	m	Measuring Tape	0.60x0.60	-	-
3.	Temperature in Stack	°C	US. EPA Method 2	36.00	-	-
4.	Pressure Stack	mm.Hg	US. EPA Method 2	754.99	-	-
5.	Air Velocity	m/s	US. EPA Method 2	3.51	-	-
6.	Flow Rate	m ³ /s	US. EPA Method 2	1.26	-	-
7.	Oxygen Rate	%	US. EPA Method 3	20.80	-	-
8.	Carbon dioxide Rate	%	US. EPA Method 3	<0.10	-	-
9.	Moisture Rate	%	US. EPA Method 4	2.26	-	-
10.	Percent of Isokinetic Rate	%	US. EPA Method 5	106.79	-	-
11.	Particulate ^{2/}	mg/m ³	Isokinetic Sampling, Gravimetric Method	7.28	≤400	pass
12.	Sulfur dioxide ^{2/}	ppm	Absorption Sampling, Barium-Thorin Titrimetric Method	<1.3	≤500	pass
13.	Oxide of Nitrogen as Nitrogen dioxide ^{2/}	ppm	Absorption Sampling, Phenoldisulfonic Acid Method	<3.8	-	-
14.	Carbon monoxide ^{2/}	ppm	Instrumental Analyzer Method	1.18	≤870	pass

Remark : 1. ^{1/} Notification of Ministry of Industry on the Prescription of the Content Values of Air Contaminants Emitted from the Factory B.E. 2549
 (Dated 31 October B.E. 2549)
 2. ^{2/} Reference condition is 25 degree Celsius at 1 Atmosphere and Dry Basis

LABORATORY

ANALYSIS REPORT

Analysis No. : Lab-S 209/2565

Job No. : PCL 0867/65

Report Date : July 12, 2022

Customer Name : บริษัท โอจี พอร์จ (ไทยแลนด์) จำกัด
 Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110
 Sampling Source : ปล่อง Press 1600T Line 2
 GPS. Coordinate : UTM 47P 0719794 E, 1450635 N
 Air Pollution Control System : -
 Sampling Time : 03:50 p.m. - 04:20 p.m.
 Sampling Condition : Good
 Sampling Method : US. EPA. Method
 Sampling By :
 Analyzed By :

Fuel Type : Non
 Sampling Date : June 24, 2022
 Received Date : June 27, 2022
 Analytical Date : June 27, 2022
 Sample ID No. : 1079/06/65

Item	Description	Unit	Method of Analysis	Result	Standard ^{1/}	Evaluation ^{1/}
1.	Stack Height	m	Measuring Tape	8.00	-	-
2.	Stack Diameter	m	Measuring Tape	0.60x0.60	-	-
3.	Temperature in Stack	°C	US. EPA Method 2	41.00	-	-
4.	Pressure Stack	mm.Hg	US. EPA Method 2	754.99	-	-
5.	Air Velocity	m/s	US. EPA Method 2	3.54	-	-
6.	Flow Rate	m ³ /s	US. EPA Method 2	1.27	-	-
7.	Oxygen Rate	%	US. EPA Method 3	20.80	-	-
8.	Carbon dioxide Rate	%	US. EPA Method 3	<0.10	-	-
9.	Moisture Rate	%	US. EPA Method 4	2.27	-	-
10.	Percent of Isokinetic Rate	%	US. EPA Method 5	104.19	-	-
11.	Particulate ^{2/}	mg/m ³	Isokinetic Sampling, Gravimetric Method	4.61	≤400	pass
12.	Sulfur dioxide ^{2/}	ppm	Absorption Sampling, Barium-Thorin Titrimetric Method	<1.3	≤500	pass
13.	Oxide of Nitrogen as Nitrogen dioxide ^{2/}	ppm	Absorption Sampling, Phenoldisulfonic Acid Method	4.75	-	-
14.	Carbon monoxide ^{2/}	ppm	Instrumental Analyzer Method	1.36	≤870	pass

Remark : 1. ^{1/} Notification of Ministry of Industry on the Prescription of the Content Values of Air Contaminants Emitted from the Factory B.E. 2549 (Dated 31 October B.E. 2549)
 2. ^{2/} Reference condition is 25 degree Celsius at 1 Atmosphere and Dry Basis

LABORATORY

ANALYSIS REPORT

Analysis No. : Lab-S 209/2565

Job No. : PCL 0867/65

Report Date : August 5, 2022

Customer Name : บริษัท ไอจี พอร์จ (ไทยแลนด์) จำกัด
 Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110
 Sampling Source : ปล่อง Press 3000T
 GPS. Coordinate : UTM 47P 0719808 E, 1450653 N
 Air Pollution Control System : -
 Sampling Time : 10:40 a.m. - 11:11 a.m.
 Sampling Condition : Good
 Sampling Method : US. EPA. Method
 Sampling By :
 Analyzed By :

Fuel Type : Non
 Sampling Date : July 18, 2022
 Received Date : July 19, 2022
 Analytical Date : July 19, 2022
 Sample ID No. : 548/07/65

Item	Description	Unit	Method of Analysis	Result	Standard ^{1/}	Evaluation ^{1/}
1.	Stack Height	m	Measuring Tape	8.00	-	-
2.	Stack Diameter	m	Measuring Tape	0.60x0.60	-	-
3.	Temperature in Stack	°C	US. EPA Method 2	35.00	-	-
4.	Pressure Stack	mm.Hg	US. EPA Method 2	757.07	-	-
5.	Air Velocity	m/s	US. EPA Method 2	4.45	-	-
6.	Flow Rate	m ³ /s	US. EPA Method 2	1.60	-	-
7.	Oxygen Rate	%	US. EPA Method 3	20.80	-	-
8.	Carbon dioxide Rate	%	US. EPA Method 3	<0.10	-	-
9.	Moisture Rate	%	US. EPA Method 4	2.24	-	-
10.	Percent of Isokinetic Rate	%	US. EPA Method 5	102.41	-	-
11.	Particulate ^{2/}	mg/m ³	Isokinetic Sampling, Gravimetric Method	5.92	≤400	pass
12.	Sulfur dioxide ^{2/}	ppm	Absorption Sampling, Barium-Thorin Titrimetric Method	<1.3	≤500	pass
13.	Oxide of Nitrogen as Nitrogen dioxide ^{2/}	ppm	Absorption Sampling, Phenoldisulfonic Acid Method	<3.8	-	-
14.	Carbon monoxide ^{2/}	ppm	Instrumental Analyzer Method	<1	≤870	pass

Remark : 1. ^{1/} Notification of Ministry of Industry on the Prescription of the Content Values of Air Contaminants Emitted from the Factory B.E. 2549 (Dated 31 October B.E. 2549)

2. ^{2/} Reference condition is 25 degree Celsius at 1 Atmosphere and Dry Basis


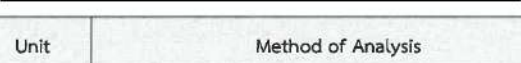
LABORATORY

ANALYSIS REPORT

Analysis No. : Lab-S 209/2565

Job No. : PCL 0867/65

Report Date : July 12, 2022

Customer Name : บริษัท ไอจี พอร์จ (ไทยแลนด์) จำกัด
 Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110
 Sampling Source : ปล่อง Press 4500T
 GPS. Coordinate : UTM 47P 0719679 E, 1450632 N
 Air Pollution Control System : Wet Scrubber
 Sampling Time : 01:50 p.m. - 02:20 p.m.
 Sampling Condition : Good
 Sampling Method : US. EPA. Method
 Sampling By : 
 Analyzed By : 

Fuel Type : Non
 Sampling Date : June 24, 2022
 Received Date : June 27, 2022
 Analytical Date : June 27, 2022
 Sample ID No. : 1077/06/65

Item	Description	Unit	Method of Analysis	Result	Standard ^{1/}	Evaluation ^{1/}
1.	Stack Height	m	Measuring Tape	10.00	-	-
2.	Stack Diameter	m	Measuring Tape	1.00	-	-
3.	Temperature in Stack	°C	US. EPA Method 2	25.00	-	-
4.	Pressure Stack	mm.Hg	US. EPA Method 2	754.90	-	-
5.	Air Velocity	m/s	US. EPA Method 2	11.98	-	-
6.	Flow Rate	m ³ /s	US. EPA Method 2	9.40	-	-
7.	Oxygen Rate	%	US. EPA Method 3	20.70	-	-
8.	Carbon dioxide Rate	%	US. EPA Method 3	<0.10	-	-
9.	Moisture Rate	%	US. EPA Method 4	3.00	-	-
10.	Percent of Isokinetic Rate	%	US. EPA Method 5	109.59	-	-
11.	Particulate ^{2/}	mg/m ³	Isokinetic Sampling, Gravimetric Method	2.17	≤400	pass
12.	Sulfur dioxide ^{2/}	ppm	Absorption Sampling, Barium-Thorin Titrimetric Method	<1.3	≤500	pass
13.	Oxide of Nitrogen as Nitrogen dioxide ^{2/}	ppm	Absorption Sampling, Phenoldisulfonic Acid Method	5.00	-	-
14.	Carbon monoxide ^{2/}	ppm	Instrumental Analyzer Method	1.22	≤870	pass

Remark : 1. ^{1/} Notification of Ministry of Industry on the Prescription of the Content Values of Air Contaminants Emitted from the Factory B.E. 2549 (Dated 31 October B.E. 2549)
 2. ^{2/} Reference condition is 25 degree Celsius at 1 Atmosphere and Dry Basis



LABORATORY

ANALYSIS REPORT

Analysis No. : Lab-S 209/2565

Job No. : PCL 0867/65

Report Date : July 12, 2022

Customer Name : บริษัท ไอจี พอร์จ (ไทยแลนด์) จำกัด
 Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110
 Sampling Source : ปล่อง Shot blast 4500T
 GPS. Coordinate : UTM 47P 0719618 E, 1450592 N
 Air Pollution Control System : Dust Collector
 Sampling Time : 11:30 a.m. -12:00 a.m.
 Sampling Condition : Good
 Sampling Method : US. EPA. Method
 Sampling By : 
 Analyzed By : 

Fuel Type : Non
 Sampling Date : June 24, 2022
 Received Date : June 27, 2022
 Analytical Date : June 27, 2022
 Sample ID No. : 1076/06/65

Item	Description	Unit	Method of Analysis	Result	Standard ^{1/}	Evaluation ^{1/}
1.	Stack Height	m	Measuring Tape	6.00	-	-
2.	Stack Diameter	m	Measuring Tape	0.35	-	-
3.	Temperature in Stack	°C	US. EPA Method 2	49.00	-	-
4.	Pressure Stack	mm.Hg	US. EPA Method 2	736.63	-	-
5.	Air Velocity	m/s	US. EPA Method 2	14.52	-	-
6.	Flow Rate	m ³ /s	US. EPA Method 2	1.40	-	-
7.	Oxygen Rate	%	US. EPA Method 3	20.90	-	-
8.	Carbon dioxide Rate	%	US. EPA Method 3	<0.10	-	-
9.	Moisture Rate	%	US. EPA Method 4	2.19	-	-
10.	Percent of Isokinetic Rate	%	US. EPA Method 5	99.84	-	-
11.	Particulate ^{2/}	mg/m ³	Isokinetic Sampling, Gravimetric Method	11.47	≤400	pass
12.	Sulfur dioxide ^{2/}	ppm	Absorption Sampling, Barium-Thorin Titrimetric Method	<1.3	≤500	pass
13.	Carbon monoxide ^{2/}	ppm	Instrumental Analyzer Method	<1	≤870	pass

Remark : 1. ^{1/} Notification of Ministry of Industry on the Prescription of the Content Values of Air Contaminants Emitted from the Factory B.E. 2549 (Dated 31 October B.E. 2549)
 2. ^{2/} Reference condition is 25 degree Celsius at 1 Atmosphere and Dry Basis

ANALYSIS REPORT

Analysis No. : Lab-AB 101/2565

Job No. : PCL 0867/65

Report Date : July 12, 2022

Customer Name : บริษัท ไอจี พอร์จ (ไทยแลนด์) จำกัด
Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอสรรีราช จังหวัดชลบุรี 20110
Sampling Source : Ambient Air Quality
Sampling Point : บริเวณวัดเขาชีธรรมนิมิต
Sampling Date/Time : June 20-27, 2022/02.00 p.m. Received Date : June 28, 2022
GPS. Coordinate : UTM 47P 0721580 E, 1451033 N Analytical Date : June 28, 2022
Sampling Method : US. EPA. 40 CFR 50 Sampling Condition : Good
Method of Analysis : High-Volume Air Sampler/Gravimetric Method

Item	Measure Date	Unit	Result
			ฝุ่นละอองขนาดไม่เกิน 100 ไมครอน (TSP) 24 Hours Average
1.	20-21/6/22	mg/m ³	0.059
2.	21-22/6/22		0.062
3.	22-23/6/22		0.064
4.	23-24/6/22		0.060
5.	24-25/6/22		0.066
6.	25-26/6/22		0.065
7.	26-27/6/22		0.062
Standard ^{1/}			≤0.33

Remark : 1. ^{1/} ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 24 (พ.ศ. 2547) เรื่อง กำหนดมาตรฐานคุณภาพอากาศในบรรยากาศโดยทั่วไป (ลงวันที่ 9 สิงหาคม พ.ศ. 2547)
2. สภาพอากาศ : ปกติ



ANALYSIS REPORT

Analysis No. : Lab-AB 101/2565

Job No. : PCL 0867/65

Report Date : July 12, 2022

Customer Name : บริษัท ไอจี พอร์จ (ไทยแลนด์) จำกัด
Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110
Sampling Source : Ambient Air Quality
Sampling Point : บริเวณโรงพยาบาลส่งเสริมสุขภาพตำบลบ้านหนองค้อ
Sampling Date/Time : June 20-27, 2022/01.30 p.m. Received Date : June 28, 2022
GPS. Coordinate : UTM 47P 0719951 E, 1452018 N Analytical Date : June 28, 2022
Sampling Method : US. EPA. 40 CFR 50 Sampling Condition : Good
Method of Analysis : High-Volume Air Sampler/Gravimetric Method

Item	Measure Date	Unit	Result
			ฝุ่นละอองขนาดไม่เกิน 100 ไมครอน (TSP) 24 Hours Average
1.	20-21/6/22	mg/m ³	0.093
2.	21-22/6/22		0.091
3.	22-23/6/22		0.099
4.	23-24/6/22		0.098
5.	24-25/6/22		0.097
6.	25-26/6/22		0.096
7.	26-27/6/22		0.094
Standard ^{1/}			≤0.33

Remark : 1. ^{1/} ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 24 (พ.ศ. 2547) เรื่อง กำหนดมาตรฐานคุณภาพอากาศในบรรยากาศโดยทั่วไป (ลงวันที่ 9 สิงหาคม พ.ศ. 2547)
2. สภาพอากาศ : ปกติ

LABORATORY

ANALYSIS REPORT

Analysis No. : NH 160/2565

Job No. : PCL 0867/65

Report Date : July 20, 2022

Customer Name : บริษัท โอจี ฟอรัจ (ไทยแลนด์) จำกัด
 Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110
 Sampling Source : Community Noise
 Sampling Location : ทิศเหนือ (Slope area)
 Measured Date : June 20-21, 2022
 Measured Instrument : Sound Level Meter ACO Type 6226 Serial Number 200040

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
02:00 p.m. - 03:00 p.m.	61.6	80.4	56.0
03:00 p.m. - 04:00 p.m.	62.3	88.8	56.8
04:00 p.m. - 05:00 p.m.	66.0	89.4	58.8
05:00 p.m. - 06:00 p.m.	62.8	88.9	56.4
06:00 p.m. - 07:00 p.m.	61.3	83.6	55.6
07:00 p.m. - 08:00 p.m.	66.8	94.2	59.7
08:00 p.m. - 09:00 p.m.	63.8	63.8	63.8
09:00 p.m. - 10:00 p.m.	60.4	76.5	55.9
10:00 p.m. - 11:00 p.m.	60.3	78.1	56.2
11:00 p.m. - 00:00 p.m.	67.2	95.9	61.6
00:00 p.m. - 01:00 a.m.	67.4	95.1	63.4
01:00 a.m. - 02:00 a.m.	59.8	77.6	57.0
02:00 a.m. - 03:00 a.m.	59.9	76.8	56.4
03:00 a.m. - 04:00 a.m.	59.8	78.2	55.8
04:00 a.m. - 05:00 a.m.	62.3	88.7	55.4
05:00 a.m. - 06:00 a.m.	60.4	78.0	55.6
06:00 a.m. - 07:00 a.m.	64.3	86.1	57.6
07:00 a.m. - 08:00 a.m.	68.0	90.9	63.2
08:00 a.m. - 09:00 a.m.	65.5	96.4	57.0
09:00 a.m. - 10:00 a.m.	61.2	77.4	57.0
10:00 a.m. - 11:00 a.m.	62.2	78.5	56.8
11:00 a.m. - 12:00 a.m.	63.1	93.1	55.5
12:00 a.m. - 01:00 p.m.	61.1	81.2	55.9
01:00 p.m. - 02:00 p.m.	61.2	81.7	56.6
24 Hours Measured	63.7	96.4	58.6
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	69.7	-	-

Remark : 1. ^{1/} Notification of Ministry of Industry on the Prescription of the Values of Annoyance Sound Level and the sound Level caused by Engaging in a Factory Business B.E. 2548 (Dated 27 December B.E. 2548)

LABORATORY



ANALYSIS REPORT

Analysis No. : NH 160/2565

Job No. : PCL 0867/65

Report Date : July 20, 2022

Customer Name : บริษัท ไอจี พอร์จ (ไทยแลนด์) จำกัด
 Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110
 Sampling Source : Community Noise
 Sampling Location : ทิศเหนือ (Slope area)
 Measured Date : June 21-22, 2022
 Measured Instrument : Sound Level Meter ACO Type 6226 Serial Number 200040

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
02:00 p.m. - 03:00 p.m.	61.4	86.8	56.8
03:00 p.m. - 04:00 p.m.	61.1	79.5	56.5
04:00 p.m. - 05:00 p.m.	64.8	90.0	58.0
05:00 p.m. - 06:00 p.m.	62.4	79.4	56.3
06:00 p.m. - 07:00 p.m.	61.2	83.1	56.2
07:00 p.m. - 08:00 p.m.	68.6	96.9	59.1
08:00 p.m. - 09:00 p.m.	63.6	84.1	57.4
09:00 p.m. - 10:00 p.m.	60.8	90.1	55.9
10:00 p.m. - 11:00 p.m.	59.8	77.2	55.7
11:00 p.m. - 00:00 p.m.	59.5	76.7	55.6
00:00 p.m. - 01:00 a.m.	57.5	78.4	53.7
01:00 a.m. - 02:00 a.m.	59.4	77.7	55.8
02:00 a.m. - 03:00 a.m.	59.4	76.2	55.6
03:00 a.m. - 04:00 a.m.	59.8	79.2	55.7
04:00 a.m. - 05:00 a.m.	59.9	82.6	54.9
05:00 a.m. - 06:00 a.m.	60.6	87.3	55.0
06:00 a.m. - 07:00 a.m.	63.6	83.5	57.1
07:00 a.m. - 08:00 a.m.	66.8	85.5	61.5
08:00 a.m. - 09:00 a.m.	63.2	84.3	56.5
09:00 a.m. - 10:00 a.m.	61.8	78.5	56.6
10:00 a.m. - 11:00 a.m.	62.0	79.8	56.9
11:00 a.m. - 12:00 a.m.	60.5	77.7	55.6
12:00 a.m. - 01:00 p.m.	61.4	83.1	56.4
01:00 p.m. - 02:00 p.m.	61.5	79.2	57.5
24 Hours Measured	62.5	96.9	56.8
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	66.9	-	-

Remark : 1. ^{1/} Notification of Ministry of Industry on the Prescription of the Values of Annoyance Sound Level and the sound Level caused by Engaging in a Factory Business B.E. 2548 (Dated 27 December B.E. 2548)



ANALYSIS REPORT

Analysis No. : NH 160/2565

Job No. : PCL 0867/65

Report Date : July 20, 2022

Customer Name : บริษัท โอจี ฟอรัจ (ไทยแลนด์) จำกัด
 Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110
 Sampling Source : Community Noise
 Sampling Location : ทิศเหนือ (Slope area)
 Measured Date : June 22-23, 2022
 Measured Instrument : Sound Level Meter ACO Type 6226 Serial Number 200040

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
02:00 p.m. - 03:00 p.m.	61.8	82.3	57.0
03:00 p.m. - 04:00 p.m.	60.8	78.9	57.0
04:00 p.m. - 05:00 p.m.	64.2	88.0	57.7
05:00 p.m. - 06:00 p.m.	62.8	85.6	56.4
06:00 p.m. - 07:00 p.m.	61.6	84.3	56.7
07:00 p.m. - 08:00 p.m.	65.8	90.4	58.9
08:00 p.m. - 09:00 p.m.	64.0	88.1	56.9
09:00 p.m. - 10:00 p.m.	64.6	94.6	55.6
10:00 p.m. - 11:00 p.m.	60.2	80.9	56.0
11:00 p.m. - 00:00 p.m.	59.7	76.5	55.6
00:00 p.m. - 01:00 a.m.	56.1	72.5	53.6
01:00 a.m. - 02:00 a.m.	59.9	78.6	56.0
02:00 a.m. - 03:00 a.m.	58.7	76.9	55.6
03:00 a.m. - 04:00 a.m.	59.6	77.2	55.8
04:00 a.m. - 05:00 a.m.	66.1	98.2	54.8
05:00 a.m. - 06:00 a.m.	60.1	76.1	55.4
06:00 a.m. - 07:00 a.m.	63.8	85.7	56.6
07:00 a.m. - 08:00 a.m.	68.0	96.7	61.8
08:00 a.m. - 09:00 a.m.	62.6	83.7	56.9
09:00 a.m. - 10:00 a.m.	65.8	90.9	62.0
10:00 a.m. - 11:00 a.m.	63.8	89.6	59.5
11:00 a.m. - 12:00 a.m.	61.4	81.8	56.1
12:00 a.m. - 01:00 p.m.	61.1	84.5	56.2
01:00 p.m. - 02:00 p.m.	60.5	79.5	57.5
24 Hours Measured	63.1	98.2	57.4
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	68.4	-	-

Remark : 1. ^{1/} Notification of Ministry of Industry on the Prescription of the Values of Annoyance Sound Level and the sound Level caused by Engaging in a Factory Business B.E. 2548 (Dated 27 December B.E. 2548)

LABORATORY CO.

ANALYSIS REPORT

Analysis No. : NH 160/2565

Job No. : PCL 0867/65

Report Date : July 20, 2022

Customer Name : บริษัท โอจี ฟอรัจ (ไทยแลนด์) จำกัด
 Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอสรีราชา จังหวัดชลบุรี 20110
 Sampling Source : Community Noise
 Sampling Location : ทิศเหนือ (Slope area)
 Measured Date : June 23-24, 2022
 Measured Instrument : Sound Level Meter ACO Type 6226 Serial Number 200040

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
02:00 p.m. – 03:00 p.m.	60.4	77.1	56.4
03:00 p.m. – 04:00 p.m.	61.7	88.1	57.3
04:00 p.m. – 05:00 p.m.	65.1	92.7	58.9
05:00 p.m. – 06:00 p.m.	63.4	86.5	56.5
06:00 p.m. – 07:00 p.m.	61.5	83.4	56.4
07:00 p.m. – 08:00 p.m.	67.0	85.9	60.4
08:00 p.m. – 09:00 p.m.	62.9	84.8	57.7
09:00 p.m. – 10:00 p.m.	62.8	92.5	55.6
10:00 p.m. – 11:00 p.m.	60.6	76.0	56.2
11:00 p.m. – 00:00 p.m.	59.0	79.9	54.8
00:00 p.m. – 01:00 a.m.	56.8	77.2	53.4
01:00 a.m. – 02:00 a.m.	60.3	79.5	56.3
02:00 a.m. – 03:00 a.m.	59.0	76.0	55.2
03:00 a.m. – 04:00 a.m.	58.5	79.9	55.3
04:00 a.m. – 05:00 a.m.	61.5	86.0	53.8
05:00 a.m. – 06:00 a.m.	62.8	85.9	57.2
06:00 a.m. – 07:00 a.m.	66.0	86.5	59.2
07:00 a.m. – 08:00 a.m.	69.4	96.6	64.2
08:00 a.m. – 09:00 a.m.	67.0	97.5	57.2
09:00 a.m. – 10:00 a.m.	62.0	79.2	56.2
10:00 a.m. – 11:00 a.m.	62.2	80.6	57.9
11:00 a.m. – 12:00 a.m.	61.7	87.8	55.7
12:00 a.m. – 01:00 p.m.	61.0	78.4	55.7
01:00 p.m. – 02:00 p.m.	62.7	77.7	57.7
24 Hours Measured	63.4	97.5	57.6
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	67.8	-	-

Remark : 1. ^{1/} Notification of Ministry of Industry on the Prescription of the Values of Annoyance Sound Level and the sound Level caused by Engaging in a Factory Business B.E. 2548 (Dated 27 December B.E. 2548)

LABORATORY CO.



ANALYSIS REPORT

Analysis No. : NH 160/2565

Job No. : PCL 0867/65

Report Date : July 20, 2022

Customer Name : บริษัท โอจี ฟอรัจ (ไทยแลนด์) จำกัด
 Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110
 Sampling Source : Community Noise
 Sampling Location : หาดเหนือ (Slope area)
 Measured Date : June 24-25, 2022
 Measured Instrument : Sound Level Meter ACO Type 6226 Serial Number 200040

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
02:00 p.m. – 03:00 p.m.	62.0	84.2	57.3
03:00 p.m. – 04:00 p.m.	61.9	83.7	57.0
04:00 p.m. – 05:00 p.m.	65.7	90.1	58.1
05:00 p.m. – 06:00 p.m.	63.6	81.6	56.4
06:00 p.m. – 07:00 p.m.	61.3	87.4	53.9
07:00 p.m. – 08:00 p.m.	65.4	84.9	58.7
08:00 p.m. – 09:00 p.m.	63.1	82.5	57.4
09:00 p.m. – 10:00 p.m.	61.8	92.2	56.0
10:00 p.m. – 11:00 p.m.	59.5	76.3	55.3
11:00 p.m. – 00:00 p.m.	58.3	77.7	54.2
00:00 p.m. – 01:00 a.m.	54.8	75.4	51.9
01:00 a.m. – 02:00 a.m.	58.5	78.1	54.7
02:00 a.m. – 03:00 a.m.	58.2	79.4	54.4
03:00 a.m. – 04:00 a.m.	56.5	72.8	53.8
04:00 a.m. – 05:00 a.m.	62.3	91.5	52.6
05:00 a.m. – 06:00 a.m.	60.1	85.6	53.6
06:00 a.m. – 07:00 a.m.	61.7	83.4	54.3
07:00 a.m. – 08:00 a.m.	67.3	92.6	60.6
08:00 a.m. – 09:00 a.m.	63.3	89.6	54.7
09:00 a.m. – 10:00 a.m.	58.1	78.8	53.3
10:00 a.m. – 11:00 a.m.	59.6	78.6	53.9
11:00 a.m. – 12:00 a.m.	58.7	77.0	53.1
12:00 a.m. – 01:00 p.m.	59.4	82.7	53.6
01:00 p.m. – 02:00 p.m.	58.0	76.1	54.0
24 Hours Measured	61.8	92.6	55.7
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	66.5	-	-

Remark : 1. ^{1/} Notification of Ministry of Industry on the Prescription of the Values of Annoyance Sound Level and the sound Level caused by Engaging in a Factory Business B.E. 2548 (Dated 27 December B.E. 2548)

LABORATORY

ANALYSIS REPORT

Analysis No. : NH 160/2565

Job No. : PCL 0867/65

Report Date : July 20, 2022

Customer Name : บริษัท ไอจี พอร์จ (ไทยแลนด์) จำกัด
 Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110
 Sampling Source : Community Noise
 Sampling Location : ทิศเหนือ (Slope area)
 Measured Date : June 25-26, 2022
 Measured Instrument : Sound Level Meter ACO Type 6226 Serial Number 200040

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
02:00 p.m. – 03:00 p.m.	57.8	81.3	53.0
03:00 p.m. – 04:00 p.m.	58.8	79.4	53.8
04:00 p.m. – 05:00 p.m.	61.5	80.5	56.0
05:00 p.m. – 06:00 p.m.	63.1	90.3	54.3
06:00 p.m. – 07:00 p.m.	60.2	85.9	53.0
07:00 p.m. – 08:00 p.m.	64.1	85.8	57.1
08:00 p.m. – 09:00 p.m.	60.7	83.4	54.1
09:00 p.m. – 10:00 p.m.	54.9	73.8	52.2
10:00 p.m. – 11:00 p.m.	55.6	90.3	52.2
11:00 p.m. – 00:00 p.m.	54.8	77.1	52.0
00:00 p.m. – 01:00 a.m.	56.9	69.9	55.3
01:00 a.m. – 02:00 a.m.	54.1	72.4	52.2
02:00 a.m. – 03:00 a.m.	53.6	65.0	51.9
03:00 a.m. – 04:00 a.m.	53.9	64.4	52.2
04:00 a.m. – 05:00 a.m.	58.1	81.3	52.4
05:00 a.m. – 06:00 a.m.	57.9	79.9	52.6
06:00 a.m. – 07:00 a.m.	58.1	75.1	52.7
07:00 a.m. – 08:00 a.m.	65.0	90.3	55.7
08:00 a.m. – 09:00 a.m.	58.6	78.4	51.0
09:00 a.m. – 10:00 a.m.	56.7	75.0	50.5
10:00 a.m. – 11:00 a.m.	57.3	77.1	50.5
11:00 a.m. – 12:00 a.m.	62.3	85.9	55.4
12:00 a.m. – 01:00 p.m.	57.2	76.5	50.4
01:00 p.m. – 02:00 p.m.	55.8	73.4	50.2
24 Hours Measured	59.5	90.3	53.4
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	63.4	-	-

Remark : 1. ^{1/} Notification of Ministry of Industry on the Prescription of the Values of Annoyance Sound Level and the sound Level caused by Engaging in a Factory Business B.E. 2548 (Dated 27 December B.E. 2548)



ANALYSIS REPORT

Analysis No. : NH 160/2565

Job No. : PCL 0867/65

Report Date : July 20, 2022

Customer Name : บริษัท โอจี พอร์จ (ไทยแลนด์) จำกัด
 Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110
 Sampling Source : Community Noise
 Sampling Location : ทิศเหนือ (Slope area)
 Measured Date : June 26-27, 2022
 Measured Instrument : Sound Level Meter ACO Type 6226 Serial Number 200040

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
02:00 p.m. - 03:00 p.m.	55.8	76.1	50.2
03:00 p.m. - 04:00 p.m.	55.4	71.8	50.4
04:00 p.m. - 05:00 p.m.	63.2	94.3	51.7
05:00 p.m. - 06:00 p.m.	60.7	92.1	51.0
06:00 p.m. - 07:00 p.m.	56.0	75.7	50.5
07:00 p.m. - 08:00 p.m.	62.9	90.3	51.1
08:00 p.m. - 09:00 p.m.	59.7	87.1	51.3
09:00 p.m. - 10:00 p.m.	54.5	82.9	50.7
10:00 p.m. - 11:00 p.m.	52.5	65.3	50.3
11:00 p.m. - 00:00 p.m.	56.5	91.9	50.7
00:00 p.m. - 01:00 a.m.	53.3	71.3	50.7
01:00 a.m. - 02:00 a.m.	51.8	60.3	49.7
02:00 a.m. - 03:00 a.m.	52.0	68.7	49.3
03:00 a.m. - 04:00 a.m.	51.6	66.2	49.4
04:00 a.m. - 05:00 a.m.	54.1	75.7	49.9
05:00 a.m. - 06:00 a.m.	57.0	75.6	50.8
06:00 a.m. - 07:00 a.m.	63.1	84.5	55.1
07:00 a.m. - 08:00 a.m.	66.1	89.4	60.7
08:00 a.m. - 09:00 a.m.	61.4	77.4	55.5
09:00 a.m. - 10:00 a.m.	61.5	78.6	56.0
10:00 a.m. - 11:00 a.m.	62.0	79.9	56.8
11:00 a.m. - 12:00 a.m.	62.0	78.0	56.7
12:00 a.m. - 01:00 p.m.	58.9	79.2	57.6
01:00 p.m. - 02:00 p.m.	59.1	69.5	57.8
24 Hours Measured	59.9	94.3	54.1
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	62.7	-	-

Remark : 1. ^{1/} Notification of Ministry of Industry on the Prescription of the Values of Annoyance Sound Level and the sound Level caused by Engaging in a Factory Business B.E. 2548 (Dated 27 December B.E. 2548)

LABORATORY CO.

ANALYSIS REPORT

Analysis No. : NH 160/2565

Job No. : PCL 0867/65

Report Date : July 20, 2022

Customer Name : บริษัท โอจี ฟอรัจ (ไทยแลนด์) จำกัด
 Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110
 Sampling Source : Community Noise
 Sampling Location : หิดใต้ (บริเวณหลังลาน Emer)
 Measured Date : June 20-21, 2022
 Measured Instrument : Sound Level Meter ACO Type 6226 Serial Number 170091

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
03:00 p.m. - 04:00 p.m.	54.5	78.3	52.2
04:00 p.m. - 05:00 p.m.	55.4	75.1	53.9
05:00 p.m. - 06:00 p.m.	54.0	71.9	52.6
06:00 p.m. - 07:00 p.m.	53.9	69.0	52.5
07:00 p.m. - 08:00 p.m.	54.5	67.2	53.4
08:00 p.m. - 09:00 p.m.	55.4	61.8	54.3
09:00 p.m. - 10:00 p.m.	55.1	61.9	53.9
10:00 p.m. - 11:00 p.m.	57.0	76.5	54.8
11:00 p.m. - 00:00 p.m.	55.9	68.9	54.8
00:00 p.m. - 01:00 a.m.	74.3	106.9	63.4
01:00 a.m. - 02:00 a.m.	73.7	114.6	57.9
02:00 a.m. - 03:00 a.m.	61.6	98.5	57.9
03:00 a.m. - 04:00 a.m.	59.9	95.2	57.7
04:00 a.m. - 05:00 a.m.	59.1	72.5	57.5
05:00 a.m. - 06:00 a.m.	57.8	80.9	55.3
06:00 a.m. - 07:00 a.m.	58.6	71.5	56.7
07:00 a.m. - 08:00 a.m.	57.7	73.5	55.5
08:00 a.m. - 09:00 a.m.	54.8	74.5	52.8
09:00 a.m. - 10:00 a.m.	54.9	69.0	52.6
10:00 a.m. - 11:00 a.m.	53.7	66.1	52.3
11:00 a.m. - 12:00 a.m.	53.3	66.6	51.6
12:00 a.m. - 01:00 p.m.	52.4	70.4	50.5
01:00 p.m. - 02:00 p.m.	53.4	65.3	51.8
02:00 p.m. - 03:00 p.m.	53.0	63.2	51.6
24 Hours Measured	64.0	114.6	55.7
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	73.7	-	-

Remark : 1. ^{1/} Notification of Ministry of Industry on the Prescription of the Values of Annoyance Sound Level and the sound Level caused by Engaging in a Factory Business B.E. 2548 (Dated 27 December B.E. 2548)

LABORATORY CO.

ANALYSIS REPORT

Analysis No. : NH 160/2565

Job No. : PCL 0867/65

Report Date : July 20, 2022

Customer Name : บริษัท โอจี พอร์จ (ไทยแลนด์) จำกัด
 Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110
 Sampling Source : Community Noise
 Sampling Location : ทิศใต้ (บริเวณหลังลาน Emer)
 Measured Date : June 21-22, 2022
 Measured Instrument : Sound Level Meter ACO Type 6226 Serial Number 170091

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
03:00 p.m. – 04:00 p.m.	53.9	77.5	51.4
04:00 p.m. – 05:00 p.m.	54.8	74.6	51.9
05:00 p.m. – 06:00 p.m.	53.2	74.4	51.3
06:00 p.m. – 07:00 p.m.	53.5	70.9	51.8
07:00 p.m. – 08:00 p.m.	54.8	64.9	53.4
08:00 p.m. – 09:00 p.m.	55.8	68.4	54.6
09:00 p.m. – 10:00 p.m.	55.5	66.2	54.3
10:00 p.m. – 11:00 p.m.	55.5	72.8	54.0
11:00 p.m. – 00:00 p.m.	55.2	66.3	53.8
00:00 p.m. – 01:00 a.m.	53.0	58.1	51.7
01:00 a.m. – 02:00 a.m.	54.7	64.2	53.3
02:00 a.m. – 03:00 a.m.	54.0	75.2	52.6
03:00 a.m. – 04:00 a.m.	55.0	66.9	53.4
04:00 a.m. – 05:00 a.m.	54.6	64.2	53.1
05:00 a.m. – 06:00 a.m.	54.9	70.4	52.4
06:00 a.m. – 07:00 a.m.	55.5	75.0	53.2
07:00 a.m. – 08:00 a.m.	55.1	71.1	52.8
08:00 a.m. – 09:00 a.m.	53.7	67.7	51.7
09:00 a.m. – 10:00 a.m.	56.8	71.0	52.3
10:00 a.m. – 11:00 a.m.	54.1	70.7	52.6
11:00 a.m. – 12:00 a.m.	54.6	72.2	52.8
12:00 a.m. – 01:00 p.m.	54.2	79.0	51.4
01:00 p.m. – 02:00 p.m.	54.6	79.6	53.1
02:00 p.m. – 03:00 p.m.	54.2	78.5	52.3
24 Hours Measured	54.7	79.6	52.8
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	61.2	-	-

Remark : 1. ^{1/} Notification of Ministry of Industry on the Prescription of the Values of Annoyance Sound Level and the sound Level caused by Engaging in a Factory Business B.E. 2548 (Dated 27 December B.E. 2548)



ANALYSIS REPORT

Analysis No. : NH 160/2565

Job No. : PCL 0867/65

Report Date : July 20, 2022

Customer Name : บริษัท โอจี พอร์จ (ไทยแลนด์) จำกัด
 Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110
 Sampling Source : Community Noise
 Sampling Location : ทิศใต้ (บริเวณหลังลาน Emer)
 Measured Date : June 22-23, 2022
 Measured Instrument : Sound Level Meter ACO Type 6226 Serial Number 170091

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
03:00 p.m. - 04:00 p.m.	54.3	73.2	52.1
04:00 p.m. - 05:00 p.m.	53.5	73.1	51.7
05:00 p.m. - 06:00 p.m.	53.5	68.7	51.9
06:00 p.m. - 07:00 p.m.	53.5	72.0	51.8
07:00 p.m. - 08:00 p.m.	54.9	65.1	53.7
08:00 p.m. - 09:00 p.m.	55.4	63.8	54.2
09:00 p.m. - 10:00 p.m.	55.2	68.7	54.0
10:00 p.m. - 11:00 p.m.	55.0	66.2	53.5
11:00 p.m. - 00:00 p.m.	54.7	68.5	53.4
00:00 p.m. - 01:00 a.m.	53.0	56.9	51.5
01:00 a.m. - 02:00 a.m.	53.9	65.8	52.5
02:00 a.m. - 03:00 a.m.	53.3	68.0	52.1
03:00 a.m. - 04:00 a.m.	53.7	60.1	52.4
04:00 a.m. - 05:00 a.m.	54.5	68.6	53.0
05:00 a.m. - 06:00 a.m.	54.7	71.6	52.5
06:00 a.m. - 07:00 a.m.	55.4	71.8	53.8
07:00 a.m. - 08:00 a.m.	54.3	70.9	52.4
08:00 a.m. - 09:00 a.m.	53.0	69.9	51.4
09:00 a.m. - 10:00 a.m.	59.8	84.0	56.2
10:00 a.m. - 11:00 a.m.	74.2	114.8	60.4
11:00 a.m. - 12:00 a.m.	58.9	70.2	57.1
12:00 a.m. - 01:00 p.m.	56.2	70.4	54.5
01:00 p.m. - 02:00 p.m.	54.8	75.6	52.8
02:00 p.m. - 03:00 p.m.	55.0	69.5	53.2
24 Hours Measured	61.5	114.8	54.1
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	63.6	-	-

Remark : 1. ^{1/} Notification of Ministry of Industry on the Prescription of the Values of Annoyance Sound Level and the sound Level caused by Engaging in a Factory Business B.E. 2548 (Dated 27 December B.E. 2548)

LABORATORY

ANALYSIS REPORT

Analysis No. : NH 160/2565

Job No. : PCL 0867/65

Report Date : July 20, 2022

Customer Name : บริษัท โอจี ฟอรัจ (ไทยแลนด์) จำกัด
 Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110
 Sampling Source : Community Noise
 Sampling Location : ทิศใต้ (บริเวณหลังลาน Emer)
 Measured Date : June 23-24, 2022
 Measured Instrument : Sound Level Meter ACO Type 6226 Serial Number 170091

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
03:00 p.m. – 04:00 p.m.	54.6	65.2	53.1
04:00 p.m. – 05:00 p.m.	54.5	77.4	52.7
05:00 p.m. – 06:00 p.m.	52.9	62.5	51.5
06:00 p.m. – 07:00 p.m.	53.8	66.9	52.4
07:00 p.m. – 08:00 p.m.	55.0	65.1	53.6
08:00 p.m. – 09:00 p.m.	54.9	64.3	54.0
09:00 p.m. – 10:00 p.m.	55.0	64.9	54.0
10:00 p.m. – 11:00 p.m.	55.3	66.8	54.2
11:00 p.m. – 00:00 p.m.	55.2	66.8	54.0
00:00 p.m. – 01:00 a.m.	53.2	58.6	51.8
01:00 a.m. – 02:00 a.m.	55.1	64.9	53.7
02:00 a.m. – 03:00 a.m.	55.1	64.1	53.7
03:00 a.m. – 04:00 a.m.	54.9	61.3	53.5
04:00 a.m. – 05:00 a.m.	54.5	72.0	53.0
05:00 a.m. – 06:00 a.m.	55.4	89.1	53.1
06:00 a.m. – 07:00 a.m.	70.1	108.8	59.0
07:00 a.m. – 08:00 a.m.	61.2	101.3	55.4
08:00 a.m. – 09:00 a.m.	56.6	82.5	54.1
09:00 a.m. – 10:00 a.m.	63.6	80.0	58.0
10:00 a.m. – 11:00 a.m.	58.1	79.9	53.9
11:00 a.m. – 12:00 a.m.	54.1	65.5	52.5
12:00 a.m. – 01:00 p.m.	53.2	68.6	51.1
01:00 p.m. – 02:00 p.m.	54.1	68.3	52.6
02:00 p.m. – 03:00 p.m.	54.6	70.0	52.1
24 Hours Measured	59.3	108.8	54.1
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	62.8	-	-

Remark : 1. ^{1/} Notification of Ministry of Industry on the Prescription of the Values of Annoyance Sound Level and the sound Level caused by Engaging in a Factory Business B.E. 2548 (Dated 27 December B.E. 2548)

LABORATORY CO.

ANALYSIS REPORT

Analysis No. : NH 160/2565

Job No. : PCL 0867/65

Report Date : July 20, 2022

Customer Name : บริษัท ไอจี ฟอรัจ (ไทยแลนด์) จำกัด
 Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110
 Sampling Source : Community Noise
 Sampling Location : ทิศใต้ (บริเวณหลังลาน Emer)
 Measured Date : June 24-25, 2022
 Measured Instrument : Sound Level Meter ACO Type 6226 Serial Number 170091

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
03:00 p.m. – 04:00 p.m.	54.7	67.1	52.7
04:00 p.m. – 05:00 p.m.	54.3	74.8	52.1
05:00 p.m. – 06:00 p.m. *	52.8	69.5	51.3
06:00 p.m. – 07:00 p.m.	53.1	75.3	51.5
07:00 p.m. – 08:00 p.m.	53.4	61.9	52.0
08:00 p.m. – 09:00 p.m.	54.5	60.7	53.4
09:00 p.m. – 10:00 p.m.	54.2	61.2	53.1
10:00 p.m. – 11:00 p.m.	55.0	60.6	53.9
11:00 p.m. – 00:00 p.m.	54.7	60.8	53.5
00:00 p.m. – 01:00 a.m.	53.2	60.1	52.0
01:00 a.m. – 02:00 a.m.	54.7	67.2	53.4
02:00 a.m. – 03:00 a.m.	54.8	64.8	53.5
03:00 a.m. – 04:00 a.m.	54.8	64.0	53.3
04:00 a.m. – 05:00 a.m.	53.6	60.1	52.6
05:00 a.m. – 06:00 a.m.	54.1	74.3	51.7
06:00 a.m. – 07:00 a.m.	54.2	74.9	52.1
07:00 a.m. – 08:00 a.m.	54.0	73.3	51.7
08:00 a.m. – 09:00 a.m.	53.6	69.2	51.7
09:00 a.m. – 10:00 a.m.	53.4	69.4	51.5
10:00 a.m. – 11:00 a.m.	53.9	65.7	52.0
11:00 a.m. – 12:00 a.m.	53.9	68.3	52.2
12:00 a.m. – 01:00 p.m.	52.9	78.9	50.2
01:00 p.m. – 02:00 p.m.	55.4	70.9	52.4
02:00 p.m. – 03:00 p.m.	57.6	70.7	54.9
24 Hours Measured	54.3	78.9	52.6
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	60.8	-	-

Remark : 1. ^{1/} Notification of Ministry of Industry on the Prescription of the Values of Annoyance Sound Level and the sound Level caused by Engaging in a Factory Business B.E. 2548 (Dated 27 December B.E. 2548)

LABORATORY CO.

ANALYSIS REPORT

Analysis No. : NH 160/2565

Job No. : PCL 0867/65

Report Date : July 20, 2022

Customer Name : บริษัท โอจี ฟอรัจ (ไทยแลนด์) จำกัด
 Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110
 Sampling Source : Community Noise
 Sampling Location : ทิศใต้ (บริเวณหลังลาน Emer)
 Measured Date : June 25-26, 2022
 Measured Instrument : Sound Level Meter ACO Type 6226 Serial Number 170091

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
03:00 p.m. – 04:00 p.m.	53.8	73.7	51.8
04:00 p.m. – 05:00 p.m.	52.9	68.1	51.0
05:00 p.m. – 06:00 p.m.	52.8	67.0	51.1
06:00 p.m. – 07:00 p.m.	54.5	74.7	51.7
07:00 p.m. – 08:00 p.m.	54.2	68.8	53.1
08:00 p.m. – 09:00 p.m.	54.4	62.6	53.4
09:00 p.m. – 10:00 p.m.	53.8	57.8	52.7
10:00 p.m. – 11:00 p.m.	53.3	56.8	52.2
11:00 p.m. – 00:00 p.m.	53.1	56.7	51.8
00:00 p.m. – 01:00 a.m.	52.7	68.9	51.2
01:00 a.m. – 02:00 a.m.	52.6	70.0	51.0
02:00 a.m. – 03:00 a.m.	52.6	74.1	51.0
03:00 a.m. – 04:00 a.m.	53.3	73.1	51.8
04:00 a.m. – 05:00 a.m.	52.9	73.0	51.4
05:00 a.m. – 06:00 a.m.	52.8	60.8	51.4
06:00 a.m. – 07:00 a.m.	56.6	82.9	51.8
07:00 a.m. – 08:00 a.m.	53.6	73.0	51.8
08:00 a.m. – 09:00 a.m.	52.5	68.0	50.4
09:00 a.m. – 10:00 a.m.	51.7	67.2	49.4
10:00 a.m. – 11:00 a.m.	51.1	69.5	49.4
11:00 a.m. – 12:00 a.m.	73.8	110.4	53.7
12:00 a.m. – 01:00 p.m.	59.5	97.1	52.0
01:00 p.m. – 02:00 p.m.	56.3	70.2	53.4
02:00 p.m. – 03:00 p.m.	61.3	101.3	54.7
24 Hours Measured	61.1	110.4	52.0
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	62.9	-	-

Remark : 1. ^{1/} Notification of Ministry of Industry on the Prescription of the Values of Annoyance Sound Level and the sound Level caused by Engaging in a Factory Business B.E. 2548 (Dated 27 December B.E. 2548)



ANALYSIS REPORT

Analysis No. : NH 160/2565

Job No. : PCL 0867/65

Report Date : July 20, 2022

Customer Name : บริษัท ไอจี พอร์จ (ไทยแลนด์) จำกัด
 Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110
 Sampling Source : Community Noise
 Sampling Location : ทิศใต้ (บริเวณหลังลาน Emer)
 Measured Date : June 26-27, 2022
 Measured Instrument : Sound Level Meter ACO Type 6226 Serial Number 170091

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
03:00 p.m. – 04:00 p.m.	51.2	68.0	48.5
04:00 p.m. – 05:00 p.m.	58.1	79.5	57.0
05:00 p.m. – 06:00 p.m.	54.4	80.5	52.7
06:00 p.m. – 07:00 p.m.	57.6	77.0	56.8
07:00 p.m. – 08:00 p.m.	53.4	72.6	52.0
08:00 p.m. – 09:00 p.m.	53.4	87.3	51.3
09:00 p.m. – 10:00 p.m.	53.2	57.0	51.9
10:00 p.m. – 11:00 p.m.	53.0	57.2	51.7
11:00 p.m. – 00:00 p.m.	52.9	56.7	51.6
00:00 p.m. – 01:00 a.m.	52.8	56.8	51.5
01:00 a.m. – 02:00 a.m.	52.6	56.6	51.3
02:00 a.m. – 03:00 a.m.	52.7	57.3	51.3
03:00 a.m. – 04:00 a.m.	57.7	66.6	51.8
04:00 a.m. – 05:00 a.m.	55.5	66.9	51.4
05:00 a.m. – 06:00 a.m.	53.4	72.0	51.6
06:00 a.m. – 07:00 a.m.	54.8	69.2	53.2
07:00 a.m. – 08:00 a.m.	54.1	71.4	52.7
08:00 a.m. – 09:00 a.m.	52.9	64.7	51.0
09:00 a.m. – 10:00 a.m.	54.1	69.2	51.3
10:00 a.m. – 11:00 a.m.	54.6	81.5	51.6
11:00 a.m. – 12:00 a.m.	62.7	104.7	51.7
12:00 a.m. – 01:00 p.m.	57.3	84.5	51.9
01:00 p.m. – 02:00 p.m.	56.3	79.3	45.3
02:00 p.m. – 03:00 p.m.	55.9	78.7	43.6
24 Hours Measured	55.7	104.7	52.2
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	60.9	-	-

Remark : 1. ^{1/} Notification of Ministry of Industry on the Prescription of the Values of Annoyance Sound Level and the sound Level caused by Engaging in a Factory Business B.E. 2548 (Dated 27 December B.E. 2548)



ANALYSIS REPORT

Analysis No. : NH 160/2565

Job No. : PCL 0867/65

Report Date : July 20, 2022

Customer Name : บริษัท โอจี ฟอรัจ (ไทยแลนด์) จำกัด
 Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110
 Sampling Source : Community Noise
 Sampling Location : ทิศตะวันออก (บริเวณสนามฟุตบอล)
 Measured Date : June 20-21, 2022
 Measured Instrument : Sound Level Meter ACO Type 6226 Serial Number 180047

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
03:00 p.m. – 04:00 p.m.	63.7	86.2	57.8
04:00 p.m. – 05:00 p.m.	60.3	73.4	56.0
05:00 p.m. – 06:00 p.m.	57.4	71.0	54.1
06:00 p.m. – 07:00 p.m.	61.1	87.6	56.4
07:00 p.m. – 08:00 p.m.	58.0	78.3	55.1
08:00 p.m. – 09:00 p.m.	60.5	77.7	56.3
09:00 p.m. – 10:00 p.m.	61.5	77.7	57.3
10:00 p.m. – 11:00 p.m.	62.0	73.3	57.4
11:00 p.m. – 00:00 p.m.	61.6	77.7	57.3
00:00 p.m. – 01:00 a.m.	64.9	85.0	59.5
01:00 a.m. – 02:00 a.m.	62.1	80.0	57.2
02:00 a.m. – 03:00 a.m.	62.8	81.5	58.1
03:00 a.m. – 04:00 a.m.	62.0	78.8	57.7
04:00 a.m. – 05:00 a.m.	60.7	74.0	56.7
05:00 a.m. – 06:00 a.m.	60.3	83.9	57.3
06:00 a.m. – 07:00 a.m.	60.7	80.8	56.5
07:00 a.m. – 08:00 a.m.	55.2	83.4	52.3
08:00 a.m. – 09:00 a.m.	59.8	75.5	55.4
09:00 a.m. – 10:00 a.m.	62.4	80.4	57.6
10:00 a.m. – 11:00 a.m.	61.6	80.0	57.5
11:00 a.m. – 12:00 a.m.	60.9	81.9	56.1
12:00 a.m. – 01:00 p.m.	56.4	70.5	53.4
01:00 p.m. – 02:00 p.m.	63.1	85.8	58.4
02:00 p.m. – 03:00 p.m.	62.8	79.5	58.2
24 Hours Measured	61.4	87.6	56.9
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	68.4	-	-

Remark : 1. ^{1/} Notification of Ministry of Industry on the Prescription of the Values of Annoyance Sound Level and the sound Level caused by Engaging in a Factory Business B.E. 2548 (Dated 27 December B.E. 2548)



ANALYSIS REPORT

Analysis No. : NH 160/2565

Job No. : PCL 0867/65

Report Date : July 20, 2022

Customer Name : บริษัท ไอจี พอร์จ (ไทยแลนด์) จำกัด
 Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอสรรพยา จังหวัดชัยภูมิ 20110
 Sampling Source : Community Noise
 Sampling Location : ทิศตะวันออก (บริเวณสนามฟุตบอล)
 Measured Date : June 21-22, 2022
 Measured Instrument : Sound Level Meter ACO Type 6226 Serial Number 180047

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
03:00 p.m. – 04:00 p.m.	63.3	81.1	58.6
04:00 p.m. – 05:00 p.m.	61.1	77.4	56.8
05:00 p.m. – 06:00 p.m.	61.3	80.5	55.3
06:00 p.m. – 07:00 p.m.	66.5	98.9	58.4
07:00 p.m. – 08:00 p.m.	61.1	85.6	57.5
08:00 p.m. – 09:00 p.m.	63.9	82.3	59.4
09:00 p.m. – 10:00 p.m.	62.7	76.6	59.1
10:00 p.m. – 11:00 p.m.	62.3	81.9	57.9
11:00 p.m. – 00:00 p.m.	61.6	76.5	57.4
00:00 p.m. – 01:00 a.m.	55.7	74.5	52.7
01:00 a.m. – 02:00 a.m.	63.8	85.5	57.7
02:00 a.m. – 03:00 a.m.	62.7	78.9	58.2
03:00 a.m. – 04:00 a.m.	64.4	82.3	59.0
04:00 a.m. – 05:00 a.m.	62.6	77.3	57.8
05:00 a.m. – 06:00 a.m.	59.7	72.4	54.9
06:00 a.m. – 07:00 a.m.	67.2	99.3	57.2
07:00 a.m. – 08:00 a.m.	62.5	80.6	53.5
08:00 a.m. – 09:00 a.m.	63.0	82.7	56.8
09:00 a.m. – 10:00 a.m.	62.3	83.8	58.0
10:00 a.m. – 11:00 a.m.	64.4	85.9	58.7
11:00 a.m. – 12:00 a.m.	60.1	76.6	56.3
12:00 a.m. – 01:00 p.m.	58.7	76.0	55.6
01:00 p.m. – 02:00 p.m.	63.5	81.8	57.6
02:00 p.m. – 03:00 p.m.	65.0	88.8	59.2
24 Hours Measured	63.1	99.3	57.5
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	68.9	-	-

Remark : 1. ^{1/} Notification of Ministry of Industry on the Prescription of the Values of Annoyance Sound Level and the sound Level caused by Engaging in a Factory Business B.E. 2548 (Dated 27 December B.E. 2548)



ANALYSIS REPORT

Analysis No. : NH 160/2565

Job No. : PCL 0867/65

Report Date : July 20, 2022

Customer Name : บริษัท ไอจี ฟอรัจ (ไทยแลนด์) จำกัด
 Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110
 Sampling Source : Community Noise
 Sampling Location : ทิศตะวันออก (บริเวณสนามฟุตบอล)
 Measured Date : June 22-23, 2022
 Measured Instrument : Sound Level Meter ACO Type 6226 Serial Number 180047

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
03:00 p.m. - 04:00 p.m.	63.6	76.9	58.6
04:00 p.m. - 05:00 p.m.	64.9	95.8	58.0
05:00 p.m. - 06:00 p.m.	57.1	72.9	53.5
06:00 p.m. - 07:00 p.m.	64.1	81.9	58.6
07:00 p.m. - 08:00 p.m.	60.3	76.4	57.3
08:00 p.m. - 09:00 p.m.	67.4	83.5	63.6
09:00 p.m. - 10:00 p.m.	66.1	79.9	62.6
10:00 p.m. - 11:00 p.m.	63.6	78.9	59.1
11:00 p.m. - 00:00 p.m.	61.0	76.9	56.9
00:00 p.m. - 01:00 a.m.	58.1	76.2	55.0
01:00 a.m. - 02:00 a.m.	64.8	82.7	58.9
02:00 a.m. - 03:00 a.m.	63.3	80.0	58.4
03:00 a.m. - 04:00 a.m.	64.3	79.3	59.4
04:00 a.m. - 05:00 a.m.	62.9	77.3	58.5
05:00 a.m. - 06:00 a.m.	62.0	79.8	58.3
06:00 a.m. - 07:00 a.m.	64.4	84.4	58.8
07:00 a.m. - 08:00 a.m.	60.3	88.7	53.8
08:00 a.m. - 09:00 a.m.	58.6	80.4	54.6
09:00 a.m. - 10:00 a.m.	66.5	85.6	61.1
10:00 a.m. - 11:00 a.m.	65.2	85.0	61.0
11:00 a.m. - 12:00 a.m.	62.4	86.4	58.0
12:00 a.m. - 01:00 p.m.	59.8	88.6	56.0
01:00 p.m. - 02:00 p.m.	61.6	80.8	57.3
02:00 p.m. - 03:00 p.m.	64.8	95.8	64.8
24 Hours Measured	63.5	95.8	59.4
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	69.8	-	-

Remark : 1. ^{1/} Notification of Ministry of Industry on the Prescription of the Values of Annoyance Sound Level and the sound Level caused by Engaging in a Factory Business B.E. 2548 (Dated 27 December B.E. 2548)

LABORATORY CO.

ANALYSIS REPORT

Analysis No. : NH 160/2565

Job No. : PCL 0867/65

Report Date : July 20, 2022

Customer Name : บริษัท ไอจี พอร์จ (ไทยแลนด์) จำกัด
 Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110
 Sampling Source : Community Noise
 Sampling Location : ทิศตะวันออก (บริเวณสนามฟุตบอล)
 Measured Date : June 23-24, 2022
 Measured Instrument : Sound Level Meter ACO Type 6226 Serial Number 180047

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
03:00 p.m. – 04:00 p.m.	64.7	82.2	59.9
04:00 p.m. – 05:00 p.m.	63.9	77.4	59.3
05:00 p.m. – 06:00 p.m.	59.1	85.6	54.6
06:00 p.m. – 07:00 p.m.	62.2	91.0	56.9
07:00 p.m. – 08:00 p.m.	59.1	75.4	56.2
08:00 p.m. – 09:00 p.m.	63.9	83.7	58.3
09:00 p.m. – 10:00 p.m.	64.0	77.6	59.0
10:00 p.m. – 11:00 p.m.	63.8	76.8	59.3
11:00 p.m. – 00:00 p.m.	62.0	75.5	59.0
00:00 p.m. – 01:00 a.m.	56.8	73.5	54.7
01:00 a.m. – 02:00 a.m.	66.3	83.9	58.7
02:00 a.m. – 03:00 a.m.	65.3	81.3	59.2
03:00 a.m. – 04:00 a.m.	64.0	80.6	59.0
04:00 a.m. – 05:00 a.m.	62.4	79.5	57.2
05:00 a.m. – 06:00 a.m.	61.2	83.9	56.5
06:00 a.m. – 07:00 a.m.	64.0	86.2	58.6
07:00 a.m. – 08:00 a.m.	59.2	90.1	53.8
08:00 a.m. – 09:00 a.m.	64.8	85.1	58.2
09:00 a.m. – 10:00 a.m.	65.7	83.6	60.0
10:00 a.m. – 11:00 a.m.	63.8	80.2	59.4
11:00 a.m. – 12:00 a.m.	60.3	77.3	56.0
12:00 a.m. – 01:00 p.m.	55.4	74.7	52.6
01:00 p.m. – 02:00 p.m.	63.0	82.5	58.6
02:00 p.m. – 03:00 p.m.	64.5	84.4	59.3
24 Hours Measured	63.2	91.0	58.1
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	69.8	-	-

Remark : 1. ^{1/} Notification of Ministry of Industry on the Prescription of the Values of Annoyance Sound Level and the sound Level caused by Engaging in a Factory Business B.E. 2548 (Dated 27 December B.E. 2548)



ANALYSIS REPORT

Analysis No. : NH 160/2565

Job No. : PCL 0867/65

Report Date : July 20, 2022

Customer Name : บริษัท ไอจี พอร์จ (ไทยแลนด์) จำกัด
 Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอสรีราชา จังหวัดชลบุรี 20110
 Sampling Source : Community Noise
 Sampling Location : ทิศตะวันออก (บริเวณสนามฟุตบอล)
 Measured Date : June 24-25, 2022
 Measured Instrument : Sound Level Meter ACO Type 6226 Serial Number 180047

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
03:00 p.m. – 04:00 p.m.	61.0	77.2	57.2
04:00 p.m. – 05:00 p.m.	57.9	78.2	54.4
05:00 p.m. – 06:00 p.m.	52.7	68.5	50.3
06:00 p.m. – 07:00 p.m.	55.4	82.6	51.1
07:00 p.m. – 08:00 p.m.	56.8	71.9	55.1
08:00 p.m. – 09:00 p.m.	62.8	85.1	57.8
09:00 p.m. – 10:00 p.m.	62.2	75.2	57.9
10:00 p.m. – 11:00 p.m.	64.9	82.7	59.3
11:00 p.m. – 00:00 p.m.	64.0	78.6	59.3
00:00 p.m. – 01:00 a.m.	52.9	69.3	51.5
01:00 a.m. – 02:00 a.m.	64.7	82.9	59.6
02:00 a.m. – 03:00 a.m.	64.3	78.2	59.7
03:00 a.m. – 04:00 a.m.	62.2	77.9	57.6
04:00 a.m. – 05:00 a.m.	56.5	87.1	51.8
05:00 a.m. – 06:00 a.m.	51.9	64.9	50.5
06:00 a.m. – 07:00 a.m.	51.6	71.6	50.1
07:00 a.m. – 08:00 a.m.	51.7	62.6	50.3
08:00 a.m. – 09:00 a.m.	55.5	74.9	52.1
09:00 a.m. – 10:00 a.m.	54.7	76.9	51.7
10:00 a.m. – 11:00 a.m.	57.1	86.1	52.9
11:00 a.m. – 12:00 a.m.	64.2	94.4	52.7
12:00 a.m. – 01:00 p.m.	52.5	75.8	50.2
01:00 p.m. – 02:00 p.m.	56.1	81.0	53.2
02:00 p.m. – 03:00 p.m.	55.3	77.8	52.7
24 Hours Measured	60.2	94.4	55.5
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	68.3	-	-

Remark : 1. ^{1/} Notification of Ministry of Industry on the Prescription of the Values of Annoyance Sound Level and the sound Level caused by Engaging in a Factory Business B.E. 2548 (Dated 27 December B.E. 2548)

LABORATORY CO.

ANALYSIS REPORT

Analysis No. : NH 160/2565

Job No. : PCL 0867/65

Report Date : July 20, 2022

Customer Name : บริษัท ไอจี พอร์จ (ไทยแลนด์) จำกัด
 Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอสรรีราชฯ จังหวัดชลบุรี 20110
 Sampling Source : Community Noise
 Sampling Location : ทิศตะวันออก (บริเวณสนามฟุตบอล)
 Measured Date : June 25-26, 2022
 Measured Instrument : Sound Level Meter ACO Type 6226 Serial Number 180047

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
03:00 p.m. – 04:00 p.m.	57.4	73.6	54.1
04:00 p.m. – 05:00 p.m.	56.1	81.5	53.2
05:00 p.m. – 06:00 p.m.	52.7	74.1	50.2
06:00 p.m. – 07:00 p.m.	52.6	69.0	50.3
07:00 p.m. – 08:00 p.m.	55.7	61.7	54.9
08:00 p.m. – 09:00 p.m.	60.0	83.8	56.7
09:00 p.m. – 10:00 p.m.	59.6	73.3	55.9
10:00 p.m. – 11:00 p.m.	59.5	77.1	54.1
11:00 p.m. – 00:00 p.m.	59.4	72.8	55.2
00:00 p.m. – 01:00 a.m.	51.9	67.8	50.6
01:00 a.m. – 02:00 a.m.	60.6	74.4	55.5
02:00 a.m. – 03:00 a.m.	60.9	88.6	55.8
03:00 a.m. – 04:00 a.m.	59.4	77.1	55.5
04:00 a.m. – 05:00 a.m.	59.4	76.9	55.4
05:00 a.m. – 06:00 a.m.	56.7	73.8	53.5
06:00 a.m. – 07:00 a.m.	59.4	81.5	54.9
07:00 a.m. – 08:00 a.m.	54.1	81.1	50.7
08:00 a.m. – 09:00 a.m.	50.9	73.6	48.8
09:00 a.m. – 10:00 a.m.	51.5	73.6	48.8
10:00 a.m. – 11:00 a.m.	50.1	62.9	48.5
11:00 a.m. – 12:00 a.m.	59.1	93.7	53.5
12:00 a.m. – 01:00 p.m.	50.5	69.5	48.8
01:00 p.m. – 02:00 p.m.	50.6	63.7	48.7
02:00 p.m. – 03:00 p.m.	51.5	71.7	48.9
24 Hours Measured	57.3	93.7	53.4
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	65.2	-	-

Remark : 1. ^{1/} Notification of Ministry of Industry on the Prescription of the Values of Annoyance Sound Level and the sound Level caused by Engaging in a Factory Business B.E. 2548 (Dated 27 December B.E. 2548)



ANALYSIS REPORT

Analysis No. : NH 160/2565

Job No. : PCL 0867/65

Report Date : July 20, 2022

Customer Name : บริษัท โอจี ฟอรัจ (ไทยแลนด์) จำกัด
 Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110
 Sampling Source : Community Noise
 Sampling Location : ทิศตะวันออก (บริเวณสนามฟุตบอล)
 Measured Date : June 26-27, 2022
 Measured Instrument : Sound Level Meter ACO Type 6226 Serial Number 180047

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
03:00 p.m. – 04:00 p.m.	50.3	62.5	48.6
04:00 p.m. – 05:00 p.m.	50.2	63.5	48.8
05:00 p.m. – 06:00 p.m.	50.7	68.4	48.6
06:00 p.m. – 07:00 p.m.	50.9	69.6	48.9
07:00 p.m. – 08:00 p.m.	54.8	59.0	54.0
08:00 p.m. – 09:00 p.m.	59.5	86.6	55.0
09:00 p.m. – 10:00 p.m.	59.9	79.7	55.6
10:00 p.m. – 11:00 p.m.	59.6	73.5	56.0
11:00 p.m. – 00:00 p.m.	58.1	75.4	54.4
00:00 p.m. – 01:00 a.m.	51.6	74.1	50.0
01:00 a.m. – 02:00 a.m.	58.1	82.0	54.0
02:00 a.m. – 03:00 a.m.	59.0	72.5	55.2
03:00 a.m. – 04:00 a.m.	58.7	76.4	55.1
04:00 a.m. – 05:00 a.m.	58.7	77.2	54.6
05:00 a.m. – 06:00 a.m.	56.8	70.0	53.6
06:00 a.m. – 07:00 a.m.	59.8	80.6	55.4
07:00 a.m. – 08:00 a.m.	55.4	76.8	51.8
08:00 a.m. – 09:00 a.m.	59.3	84.2	53.3
09:00 a.m. – 10:00 a.m.	62.6	83.8	56.9
10:00 a.m. – 11:00 a.m.	64.2	82.9	58.7
11:00 a.m. – 12:00 a.m.	63.1	81.1	58.0
12:00 a.m. – 01:00 p.m.	61.7	82.2	60.6
01:00 p.m. – 02:00 p.m.	61.9	75.8	60.8
02:00 p.m. – 03:00 p.m.	61.4	74.7	60.0
24 Hours Measured	59.4	86.6	55.9
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	65.0	-	-

Remark : 1. ^{1/} Notification of Ministry of Industry on the Prescription of the Values of Annoyance Sound Level and the sound Level caused by Engaging in a Factory Business B.E. 2548 (Dated 27 December B.E. 2548)



ANALYSIS REPORT

Analysis No. : NH 160/2565

Job No. : PCL 0867/65

Report Date : July 20, 2022

Customer Name : บริษัท โอจี ฟอรัจ (ไทยแลนด์) จำกัด
 Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมบึงทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110
 Sampling Source : Community Noise
 Sampling Location : ทิศตะวันตก (บริเวณป้อม รปภ.)
 Measured Date : June 20-21, 2022
 Measured Instrument : Sound Level Meter ACO Type 6226 Serial Number 200032

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
03:00 p.m. – 04:00 p.m.	69.7	83.9	64.4
04:00 p.m. – 05:00 p.m.	69.6	81.6	64.0
05:00 p.m. – 06:00 p.m.	62.4	82.7	56.4
06:00 p.m. – 07:00 p.m.	61.7	83.6	56.6
07:00 p.m. – 08:00 p.m.	65.3	92.3	57.0
08:00 p.m. – 09:00 p.m.	68.2	80.0	62.9
09:00 p.m. – 10:00 p.m.	69.0	78.8	64.0
10:00 p.m. – 11:00 p.m.	69.7	86.3	64.5
11:00 p.m. – 00:00 p.m.	68.3	79.1	63.1
00:00 p.m. – 01:00 a.m.	69.1	114.0	64.9
01:00 a.m. – 02:00 a.m.	68.9	101.1	65.5
02:00 a.m. – 03:00 a.m.	68.7	81.6	65.7
03:00 a.m. – 04:00 a.m.	68.8	92.4	65.3
04:00 a.m. – 05:00 a.m.	67.9	79.2	63.8
05:00 a.m. – 06:00 a.m.	62.1	77.8	57.6
06:00 a.m. – 07:00 a.m.	69.9	87.3	64.6
07:00 a.m. – 08:00 a.m.	67.7	93.3	61.2
08:00 a.m. – 09:00 a.m.	62.4	85.7	54.7
09:00 a.m. – 10:00 a.m.	60.4	77.5	56.3
10:00 a.m. – 11:00 a.m.	61.2	83.6	56.9
11:00 a.m. – 12:00 a.m.	62.8	94.0	55.7
12:00 a.m. – 01:00 p.m.	58.3	77.3	50.9
01:00 p.m. – 02:00 p.m.	62.7	84.0	60.8
02:00 p.m. – 03:00 p.m.	60.2	77.7	56.3
24 Hours Measured	67.0	114.0	62.2
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	74.5	-	-

Remark : 1. ^{1/} Notification of Ministry of Industry on the Prescription of the Values of Annoyance Sound Level and the sound Level caused by Engaging in a Factory Business B.E. 2548 (Dated 27 December B.E. 2548)



ANALYSIS REPORT

Analysis No. : NH 160/2565

Job No. : PCL 0867/65

Report Date : July 20, 2022

Customer Name : บริษัท โอจี ฟอรัจ (ไทยแลนด์) จำกัด
 Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอสรีราชา จังหวัดชลบุรี 20110
 Sampling Source : Community Noise
 Sampling Location : ทิศตะวันตก (บริเวณป้อม รปภ.)
 Measured Date : June 21-22, 2022
 Measured Instrument : Sound Level Meter ACO Type 6226 Serial Number 200032

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
03:00 p.m. – 04:00 p.m.	60.4	84.1	56.5
04:00 p.m. – 05:00 p.m.	61.0	82.6	56.4
05:00 p.m. – 06:00 p.m.	61.3	82.7	53.4
06:00 p.m. – 07:00 p.m.	63.0	79.8	57.6
07:00 p.m. – 08:00 p.m.	69.8	92.7	62.6
08:00 p.m. – 09:00 p.m.	69.6	85.3	64.1
09:00 p.m. – 10:00 p.m.	69.7	84.3	64.5
10:00 p.m. – 11:00 p.m.	69.5	86.0	64.3
11:00 p.m. – 00:00 p.m.	68.7	81.3	63.7
00:00 p.m. – 01:00 a.m.	53.8	73.3	51.2
01:00 a.m. – 02:00 a.m.	67.8	80.2	63.0
02:00 a.m. – 03:00 a.m.	64.8	78.7	61.0
03:00 a.m. – 04:00 a.m.	69.6	80.1	64.2
04:00 a.m. – 05:00 a.m.	68.0	82.6	62.6
05:00 a.m. – 06:00 a.m.	58.1	84.1	52.5
06:00 a.m. – 07:00 a.m.	68.5	82.4	62.3
07:00 a.m. – 08:00 a.m.	66.1	85.6	59.3
08:00 a.m. – 09:00 a.m.	62.5	82.7	56.3
09:00 a.m. – 10:00 a.m.	64.9	86.6	63.3
10:00 a.m. – 11:00 a.m.	61.9	92.1	57.4
11:00 a.m. – 12:00 a.m.	60.0	81.7	56.8
12:00 a.m. – 01:00 p.m.	58.5	84.4	52.0
01:00 p.m. – 02:00 p.m.	61.5	87.6	57.7
02:00 p.m. – 03:00 p.m.	65.5	89.0	63.6
24 Hours Measured	66.2	92.7	61.1
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	73.7	-	-

Remark : 1. ^{1/} Notification of Ministry of Industry on the Prescription of the Values of Annoyance Sound Level and the sound Level caused by Engaging in a Factory Business B.E. 2548 (Dated 27 December B.E. 2548)

PACIFIC LABORATORY

ANALYSIS REPORT

Analysis No. : NH 160/2565

Job No. : PCL 0867/65

Report Date : July 20, 2022

Customer Name : บริษัท โอจี ฟอรัจ (ไทยแลนด์) จำกัด
 Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมบึงทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110
 Sampling Source : Community Noise
 Sampling Location : ทิศตะวันตก (บริเวณป้อม รปภ.)
 Measured Date : June 22-23, 2022
 Measured Instrument : Sound Level Meter ACO Type 6226 Serial Number 200032

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
03:00 p.m. – 04:00 p.m.	62.8	92.4	57.9
04:00 p.m. – 05:00 p.m.	60.7	80.5	56.6
05:00 p.m. – 06:00 p.m.	61.0	79.1	55.0
06:00 p.m. – 07:00 p.m.	60.9	82.8	55.8
07:00 p.m. – 08:00 p.m.	69.0	87.0	63.0
08:00 p.m. – 09:00 p.m.	69.1	85.7	63.5
09:00 p.m. – 10:00 p.m.	69.1	82.0	63.9
10:00 p.m. – 11:00 p.m.	68.2	86.7	62.8
11:00 p.m. – 00:00 p.m.	68.6	80.3	63.5
00:00 p.m. – 01:00 a.m.	55.9	74.8	53.3
01:00 a.m. – 02:00 a.m.	66.0	78.7	61.9
02:00 a.m. – 03:00 a.m.	62.5	75.4	58.9
03:00 a.m. – 04:00 a.m.	65.8	94.9	60.7
04:00 a.m. – 05:00 a.m.	68.3	87.6	63.3
05:00 a.m. – 06:00 a.m.	63.8	84.6	58.8
06:00 a.m. – 07:00 a.m.	69.6	86.3	63.9
07:00 a.m. – 08:00 a.m.	67.7	92.2	60.9
08:00 a.m. – 09:00 a.m.	62.5	82.8	56.1
09:00 a.m. – 10:00 a.m.	69.9	114.3	64.7
10:00 a.m. – 11:00 a.m.	67.5	112.1	63.9
11:00 a.m. – 12:00 a.m.	68.8	85.8	62.8
12:00 a.m. – 01:00 p.m.	60.2	79.6	54.2
01:00 p.m. – 02:00 p.m.	64.4	84.0	59.5
02:00 p.m. – 03:00 p.m.	69.8	90.0	64.1
24 Hours Measured	66.8	114.3	61.6
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	73.1	-	-

Remark : 1. ^{1/} Notification of Ministry of Industry on the Prescription of the Values of Annoyance Sound Level and the sound Level caused by Engaging in a Factory Business B.E. 2548 (Dated 27 December B.E. 2548)



ANALYSIS REPORT

Analysis No. : NH 160/2565

Job No. : PCL 0867/65

Report Date : July 20, 2022

Customer Name : บริษัท โอจี ฟอรัจ (ไทยแลนด์) จำกัด
 Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110
 Sampling Source : Community Noise
 Sampling Location : ทิศตะวันตก (บริเวณบ่อบำบัด รปภ.)
 Measured Date : June 23-24, 2022
 Measured Instrument : Sound Level Meter ACO Type 6226 Serial Number 200032

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
03:00 p.m. - 04:00 p.m.	70.1	83.2	64.6
04:00 p.m. - 05:00 p.m.	68.0	85.6	62.8
05:00 p.m. - 06:00 p.m.	62.6	88.8	56.5
06:00 p.m. - 07:00 p.m.	59.9	75.7	56.5
07:00 p.m. - 08:00 p.m.	64.7	95.2	57.2
08:00 p.m. - 09:00 p.m.	66.9	79.8	61.7
09:00 p.m. - 10:00 p.m.	66.9	79.2	62.1
10:00 p.m. - 11:00 p.m.	70.0	86.7	64.7
11:00 p.m. - 00:00 p.m.	69.5	81.1	64.3
00:00 p.m. - 01:00 a.m.	55.5	73.7	50.7
01:00 a.m. - 02:00 a.m.	70.1	79.6	64.7
02:00 a.m. - 03:00 a.m.	70.0	79.1	64.7
03:00 a.m. - 04:00 a.m.	70.0	93.6	64.6
04:00 a.m. - 05:00 a.m.	68.7	81.9	63.4
05:00 a.m. - 06:00 a.m.	68.1	106.6	59.6
06:00 a.m. - 07:00 a.m.	72.0	108.2	63.6
07:00 a.m. - 08:00 a.m.	67.8	92.1	61.5
08:00 a.m. - 09:00 a.m.	63.0	83.8	55.8
09:00 a.m. - 10:00 a.m.	60.8	83.7	56.6
10:00 a.m. - 11:00 a.m.	65.7	82.4	63.9
11:00 a.m. - 12:00 a.m.	62.0	82.0	60.1
12:00 a.m. - 01:00 p.m.	61.0	87.7	50.0
01:00 p.m. - 02:00 p.m.	64.3	77.8	61.2
02:00 p.m. - 03:00 p.m.	66.6	83.6	61.6
24 Hours Measured	67.5	108.2	62.0
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	74.9	-	-

Remark : 1. ^{1/} Notification of Ministry of Industry on the Prescription of the Values of Annoyance Sound Level and the sound Level caused by Engaging in a Factory Business B.E. 2548 (Dated 27 December B.E. 2548)



ANALYSIS REPORT

Analysis No. : NH 160/2565

Job No. : PCL 0867/65

Report Date : July 20, 2022

Customer Name : บริษัท ไอจี ฟอรัจ (ไทยแลนด์) จำกัด
 Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมบึงทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110
 Sampling Source : Community Noise
 Sampling Location : ทิศตะวันตก (บริเวณป้อม รปภ.)
 Measured Date : June 24-25, 2022
 Measured Instrument : Sound Level Meter ACO Type 6226 Serial Number 200032

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
03:00 p.m. – 04:00 p.m.	69.0	83.5	63.2
04:00 p.m. – 05:00 p.m.	67.9	97.9	61.7
05:00 p.m. – 06:00 p.m.	61.5	84.3	53.5
06:00 p.m. – 07:00 p.m.	57.1	82.3	48.8
07:00 p.m. – 08:00 p.m.	64.1	89.4	52.9
08:00 p.m. – 09:00 p.m.	65.9	85.4	59.2
09:00 p.m. – 10:00 p.m.	64.5	85.0	60.1
10:00 p.m. – 11:00 p.m.	69.6	86.3	63.9
11:00 p.m. – 00:00 p.m.	68.8	79.3	63.4
00:00 p.m. – 01:00 a.m.	58.8	77.4	54.7
01:00 a.m. – 02:00 a.m.	69.3	79.9	64.1
02:00 a.m. – 03:00 a.m.	70.0	79.4	64.8
03:00 a.m. – 04:00 a.m.	69.6	79.6	64.3
04:00 a.m. – 05:00 a.m.	61.4	85.2	57.4
05:00 a.m. – 06:00 a.m.	57.4	83.8	46.7
06:00 a.m. – 07:00 a.m.	58.9	84.0	48.5
07:00 a.m. – 08:00 a.m.	65.4	92.2	54.8
08:00 a.m. – 09:00 a.m.	61.4	78.9	54.9
09:00 a.m. – 10:00 a.m.	60.5	84.7	56.3
10:00 a.m. – 11:00 a.m.	66.8	90.0	61.2
11:00 a.m. – 12:00 a.m.	69.2	86.2	63.4
12:00 a.m. – 01:00 p.m.	58.4	80.7	49.8
01:00 p.m. – 02:00 p.m.	69.3	79.3	63.4
02:00 p.m. – 03:00 p.m.	70.0	86.9	64.1
24 Hours Measured	66.7	97.9	60.9
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	73.7	-	-

Remark : 1. ^{1/} Notification of Ministry of Industry on the Prescription of the Values of Annoyance Sound Level and the sound Level caused by Engaging in a Factory Business B.E. 2548 (Dated 27 December B.E. 2548)



ANALYSIS REPORT

Analysis No. : NH 160/2565

Job No. : PCL 0867/65

Report Date : July 20, 2022

Customer Name : บริษัท โอจี ฟอรัจ (ไทยแลนด์) จำกัด
 Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110
 Sampling Source : Community Noise
 Sampling Location : ทิศตะวันตก (บริเวณป้อม รปภ.)
 Measured Date : June 25-26, 2022
 Measured Instrument : Sound Level Meter ACO Type 6226 Serial Number 200032

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
03:00 p.m. – 04:00 p.m.	66.7	81.1	62.4
04:00 p.m. – 05:00 p.m.	61.2	82.8	56.4
05:00 p.m. – 06:00 p.m.	60.8	85.7	54.6
06:00 p.m. – 07:00 p.m.	58.9	84.8	55.3
07:00 p.m. – 08:00 p.m.	61.8	80.2	55.3
08:00 p.m. – 09:00 p.m.	58.2	80.8	50.5
09:00 p.m. – 10:00 p.m.	53.4	73.0	49.7
10:00 p.m. – 11:00 p.m.	51.8	72.8	47.9
11:00 p.m. – 00:00 p.m.	52.4	72.4	48.4
00:00 p.m. – 01:00 a.m.	48.7	72.7	44.3
01:00 a.m. – 02:00 a.m.	52.7	69.0	49.1
02:00 a.m. – 03:00 a.m.	53.0	84.1	48.3
03:00 a.m. – 04:00 a.m.	52.5	72.3	48.3
04:00 a.m. – 05:00 a.m.	53.8	75.9	48.3
05:00 a.m. – 06:00 a.m.	55.0	78.8	46.9
06:00 a.m. – 07:00 a.m.	54.8	75.4	49.0
07:00 a.m. – 08:00 a.m.	61.1	88.5	48.1
08:00 a.m. – 09:00 a.m.	57.6	81.4	47.2
09:00 a.m. – 10:00 a.m.	53.2	74.1	46.3
10:00 a.m. – 11:00 a.m.	54.4	79.6	44.7
11:00 a.m. – 12:00 a.m.	70.0	114.4	54.0
12:00 a.m. – 01:00 p.m.	55.0	80.0	45.9
01:00 p.m. – 02:00 p.m.	53.3	86.8	44.9
02:00 p.m. – 03:00 p.m.	53.8	82.0	45.2
24 Hours Measured	60.2	114.4	52.7
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	62.3	-	-

Remark : 1. ^{1/} Notification of Ministry of Industry on the Prescription of the Values of Annoyance Sound Level and the sound Level caused by Engaging in a Factory Business B.E. 2548 (Dated 27 December B.E. 2548)



ANALYSIS REPORT

Analysis No. : NH 160/2565

Job No. : PCL 0867/65

Report Date : July 20, 2022

Customer Name : บริษัท โอจี พอร์จ (ไทยแลนด์) จำกัด
 Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110
 Sampling Source : Community Noise
 Sampling Location : ทิศตะวันตก (บริเวณบ่อบำบัด)
 Measured Date : June 26-27, 2022
 Measured Instrument : Sound Level Meter ACO Type 6226 Serial Number 200032

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
03:00 p.m. - 04:00 p.m.	52.7	73.3	44.7
04:00 p.m. - 05:00 p.m.	56.1	80.9	46.2
05:00 p.m. - 06:00 p.m.	55.5	74.7	45.8
06:00 p.m. - 07:00 p.m.	52.0	70.2	45.2
07:00 p.m. - 08:00 p.m.	59.1	80.2	45.9
08:00 p.m. - 09:00 p.m.	55.9	90.7	47.5
09:00 p.m. - 10:00 p.m.	53.1	76.5	47.7
10:00 p.m. - 11:00 p.m.	52.7	74.2	47.3
11:00 p.m. - 00:00 p.m.	52.3	72.1	46.4
00:00 p.m. - 01:00 a.m.	52.6	75.3	44.2
01:00 a.m. - 02:00 a.m.	51.0	63.4	46.4
02:00 a.m. - 03:00 a.m.	52.7	73.1	47.3
03:00 a.m. - 04:00 a.m.	54.6	73.3	47.1
04:00 a.m. - 05:00 a.m.	54.4	76.3	47.6
05:00 a.m. - 06:00 a.m.	55.7	80.7	47.4
06:00 a.m. - 07:00 a.m.	61.7	91.2	52.2
07:00 a.m. - 08:00 a.m.	65.6	90.9	58.0
08:00 a.m. - 09:00 a.m.	64.4	85.4	57.7
09:00 a.m. - 10:00 a.m.	62.1	82.6	58.3
10:00 a.m. - 11:00 a.m.	62.9	86.2	59.1
11:00 a.m. - 12:00 a.m.	63.1	94.6	57.7
12:00 a.m. - 01:00 p.m.	62.2	81.7	61.2
01:00 p.m. - 02:00 p.m.	61.4	69.8	60.7
02:00 p.m. - 03:00 p.m.	62.4	69.5	61.6
24 Hours Measured	59.7	94.6	55.3
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	62.3	-	-

Remark : 1. ^{1/} Notification of Ministry of Industry on the Prescription of the Values of Annoyance Sound Level and the sound Level caused by Engaging in a Factory Business B.E. 2548 (Dated 27 December B.E. 2548)



ANALYSIS REPORT

Analysis No. : NH 160/2565

Job No. : PCL 0867/65

Report Date : July 20, 2022

Customer Name : บริษัท โอจี ฟอรัจ (ไทยแลนด์) จำกัด
 Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110
 Sampling Source : Community Noise
 Sampling Location : บริเวณชุมชนหนองยายปู่
 Measured Date : June 20-21, 2022
 Measured Instrument : Sound Level Meter ACO Type 6226 Serial Number 170108

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
12:00 a.m. – 01:00 p.m.	48.6	68.5	42.5
01:00 p.m. – 02:00 p.m.	53.1	80.0	47.8
02:00 p.m. – 03:00 p.m.	54.2	73.5	47.8
03:00 p.m. – 04:00 p.m.	52.6	71.7	46.6
04:00 p.m. – 05:00 p.m.	51.9	71.2	45.5
05:00 p.m. – 06:00 p.m.	51.6	73.4	44.2
06:00 p.m. – 07:00 p.m.	56.7	89.5	47.0
07:00 p.m. – 08:00 p.m.	51.2	78.2	46.8
08:00 p.m. – 09:00 p.m.	48.9	64.6	46.1
09:00 p.m. – 10:00 p.m.	49.2	64.8	47.8
10:00 p.m. – 11:00 p.m.	49.7	66.1	47.7
11:00 p.m. – 00:00 p.m.	51.1	72.8	47.2
00:00 p.m. – 01:00 a.m.	66.6	85.0	62.0
01:00 a.m. – 02:00 a.m.	48.6	69.8	45.5
02:00 a.m. – 03:00 a.m.	49.7	60.4	48.0
03:00 a.m. – 04:00 a.m.	48.1	53.0	47.3
04:00 a.m. – 05:00 a.m.	47.8	64.6	46.2
05:00 a.m. – 06:00 a.m.	52.4	71.8	46.9
06:00 a.m. – 07:00 a.m.	53.5	77.0	49.1
07:00 a.m. – 08:00 a.m.	53.5	72.2	48.1
08:00 a.m. – 09:00 a.m.	50.6	73.1	44.8
09:00 a.m. – 10:00 a.m.	52.7	66.8	48.2
10:00 a.m. – 11:00 a.m.	52.6	70.5	47.8
11:00 a.m. – 12:00 a.m.	52.6	70.2	45.5
24 Hours Measured	55.3	89.5	50.5
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	63.7	-	-

Remark : 1. ^{1/} Notification of National Environmental Board No. 15 (B.E. 2540) It defines the General sound level Standards (Dated 12 March B.E. 2540)



ANALYSIS REPORT

Analysis No. : NH 160/2565

Job No. : PCL 0867/65

Report Date : July 20, 2022

Customer Name : บริษัท ไอจี พอร์จ (ไทยแลนด์) จำกัด
 Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110
 Sampling Source : Community Noise
 Sampling Location : บริเวณชุมชนหนองยายปู่
 Measured Date : June 21-22, 2022
 Measured Instrument : Sound Level Meter ACO Type 6226 Serial Number 170108

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
12:00 a.m. - 01:00 p.m.	52.0	73.0	49.9
01:00 p.m. - 02:00 p.m.	51.9	70.8	49.5
02:00 p.m. - 03:00 p.m.	53.9	82.9	49.5
03:00 p.m. - 04:00 p.m.	52.7	72.5	48.7
04:00 p.m. - 05:00 p.m.	63.0	101.3	46.9
05:00 p.m. - 06:00 p.m.	52.8	77.8	46.9
06:00 p.m. - 07:00 p.m.	51.9	69.0	47.1
07:00 p.m. - 08:00 p.m.	54.2	69.5	50.4
08:00 p.m. - 09:00 p.m.	53.8	65.4	52.0
09:00 p.m. - 10:00 p.m.	51.9	63.3	49.1
10:00 p.m. - 11:00 p.m.	50.5	71.7	46.9
11:00 p.m. - 00:00 p.m.	49.7	68.9	46.7
00:00 p.m. - 01:00 a.m.	50.5	70.9	48.6
01:00 a.m. - 02:00 a.m.	51.5	73.1	49.1
02:00 a.m. - 03:00 a.m.	48.6	68.9	47.2
03:00 a.m. - 04:00 a.m.	48.9	61.5	47.5
04:00 a.m. - 05:00 a.m.	48.6	68.8	46.8
05:00 a.m. - 06:00 a.m.	53.2	73.7	47.2
06:00 a.m. - 07:00 a.m.	53.3	72.3	44.4
07:00 a.m. - 08:00 a.m.	51.4	69.6	44.0
08:00 a.m. - 09:00 a.m.	51.5	69.0	45.9
09:00 a.m. - 10:00 a.m.	55.1	77.4	50.2
10:00 a.m. - 11:00 a.m.	54.4	70.5	51.1
11:00 a.m. - 12:00 a.m.	54.7	90.9	48.0
24 Hours Measured	54.0	101.3	48.5
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	58.1	-	-

Remark : 1. ^{1/} Notification of National Environmental Board No. 15 (B.E. 2540) It defines the General sound level Standards (Dated 12 March B.E. 2540)



ANALYSIS REPORT

Analysis No. : NH 160/2565

Job No. : PCL 0867/65

Report Date : July 20, 2022

Customer Name : บริษัท โอจี ฟอรัจ (ไทยแลนด์) จำกัด
 Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอสรีราชา จังหวัดชลบุรี 20110
 Sampling Source : Community Noise
 Sampling Location : บริเวณชุมชนหนองยายบัว
 Measured Date : June 22-23, 2022
 Measured Instrument : Sound Level Meter ACO Type 6226 Serial Number 170108

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
12:00 a.m. - 01:00 p.m.	52.6	76.9	46.8
01:00 p.m. - 02:00 p.m.	54.1	69.1	51.0
02:00 p.m. - 03:00 p.m.	54.5	72.7	50.4
03:00 p.m. - 04:00 p.m.	60.4	102.3	53.0
04:00 p.m. - 05:00 p.m.	55.1	72.4	50.7
05:00 p.m. - 06:00 p.m.	56.4	81.9	50.9
06:00 p.m. - 07:00 p.m.	56.7	81.5	51.4
07:00 p.m. - 08:00 p.m.	59.3	86.0	50.7
08:00 p.m. - 09:00 p.m.	52.2	80.2	48.0
09:00 p.m. - 10:00 p.m.	48.2	66.9	45.8
10:00 p.m. - 11:00 p.m.	46.2	68.6	44.7
11:00 p.m. - 00:00 p.m.	46.6	63.6	45.1
00:00 p.m. - 01:00 a.m.	47.9	62.6	46.7
01:00 a.m. - 02:00 a.m.	49.1	69.8	47.5
02:00 a.m. - 03:00 a.m.	50.0	70.8	48.2
03:00 a.m. - 04:00 a.m.	53.0	85.1	47.2
04:00 a.m. - 05:00 a.m.	47.6	67.0	46.1
05:00 a.m. - 06:00 a.m.	52.6	73.1	48.2
06:00 a.m. - 07:00 a.m.	54.4	84.2	47.6
07:00 a.m. - 08:00 a.m.	54.5	74.5	48.7
08:00 a.m. - 09:00 a.m.	55.5	69.6	51.4
09:00 a.m. - 10:00 a.m.	64.8	74.5	62.7
10:00 a.m. - 11:00 a.m.	56.3	71.9	52.4
11:00 a.m. - 12:00 a.m.	58.9	82.9	50.8
24 Hours Measured	56.2	102.3	52.1
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	58.6	-	-

Remark : 1. ^{1/} Notification of National Environmental Board No. 15 (B.E. 2540) It defines the General sound level Standards (Dated 12 March B.E. 2540)



ANALYSIS REPORT

Analysis No. : NH 160/2565

Job No. : PCL 0867/65

Report Date : July 20, 2022

Customer Name : บริษัท โอจี ฟอรัจ (ไทยแลนด์) จำกัด
 Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110
 Sampling Source : Community Noise
 Sampling Location : บริเวณชุมชนหนองยายปู่
 Measured Date : June 23-24, 2022
 Measured Instrument : Sound Level Meter ACO Type 6226 Serial Number 170108

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
12:00 a.m. – 01:00 p.m.	54.8	71.5	47.7
01:00 p.m. – 02:00 p.m.	56.6	82.2	51.5
02:00 p.m. – 03:00 p.m.	60.9	91.9	51.8
03:00 p.m. – 04:00 p.m.	58.7	86.3	51.7
04:00 p.m. – 05:00 p.m.	60.1	84.9	53.8
05:00 p.m. – 06:00 p.m.	58.2	78.5	52.8
06:00 p.m. – 07:00 p.m.	56.7	75.3	51.6
07:00 p.m. – 08:00 p.m.	62.9	93.0	51.5
08:00 p.m. – 09:00 p.m.	51.2	68.4	48.8
09:00 p.m. – 10:00 p.m.	55.8	85.2	46.2
10:00 p.m. – 11:00 p.m.	52.2	78.6	46.2
11:00 p.m. – 00:00 p.m.	59.0	84.8	46.1
00:00 p.m. – 01:00 a.m.	46.5	73.9	44.3
01:00 a.m. – 02:00 a.m.	49.2	76.0	44.1
02:00 a.m. – 03:00 a.m.	49.2	75.2	45.0
03:00 a.m. – 04:00 a.m.	46.1	50.8	44.9
04:00 a.m. – 05:00 a.m.	47.7	68.2	45.1
05:00 a.m. – 06:00 a.m.	60.2	78.2	53.6
06:00 a.m. – 07:00 a.m.	54.6	81.6	49.5
07:00 a.m. – 08:00 a.m.	52.9	78.4	45.4
08:00 a.m. – 09:00 a.m.	56.3	78.6	50.2
09:00 a.m. – 10:00 a.m.	56.8	74.3	53.0
10:00 a.m. – 11:00 a.m.	56.3	78.9	52.5
11:00 a.m. – 12:00 a.m.	57.1	84.1	48.5
24 Hours Measured	57.0	93.0	50.1
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	61.8	-	-

Remark : 1. ^{1/} Notification of National Environmental Board No. 15 (B.E. 2540) It defines the General sound level Standards (Dated 12 March B.E. 2540)



ANALYSIS REPORT

Analysis No. : NH 160/2565

Job No. : PCL 0867/65

Report Date : July 20, 2022

Customer Name : บริษัท โอจี ฟอรัจ (ไทยแลนด์) จำกัด
 Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอสรรพยา จังหวัดชัยภูมิ 20110
 Sampling Source : Community Noise
 Sampling Location : บริเวณชุมชนหนองยายปู่
 Measured Date : June 24-25, 2022
 Measured Instrument : Sound Level Meter ACO Type 6226 Serial Number 170108

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
12:00 a.m. – 01:00 p.m.	49.5	77.3	42.2
01:00 p.m. – 02:00 p.m.	56.1	72.2	51.6
02:00 p.m. – 03:00 p.m.	55.7	73.4	52.0
03:00 p.m. – 04:00 p.m.	63.0	88.1	52.9
04:00 p.m. – 05:00 p.m.	55.3	78.6	50.0
05:00 p.m. – 06:00 p.m.	57.8	90.2	50.0
06:00 p.m. – 07:00 p.m.	61.4	85.3	54.5
07:00 p.m. – 08:00 p.m.	56.6	80.7	50.6
08:00 p.m. – 09:00 p.m.	52.8	83.5	47.4
09:00 p.m. – 10:00 p.m.	52.2	84.1	47.0
10:00 p.m. – 11:00 p.m.	46.4	59.5	45.0
11:00 p.m. – 00:00 p.m.	51.1	80.6	45.1
00:00 p.m. – 01:00 a.m.	46.5	74.5	43.4
01:00 a.m. – 02:00 a.m.	47.4	76.6	44.1
02:00 a.m. – 03:00 a.m.	42.6	76.1	39.2
03:00 a.m. – 04:00 a.m.	44.9	55.4	43.2
04:00 a.m. – 05:00 a.m.	61.7	84.8	43.0
05:00 a.m. – 06:00 a.m.	55.6	83.1	44.9
06:00 a.m. – 07:00 a.m.	55.8	83.0	47.0
07:00 a.m. – 08:00 a.m.	55.5	82.9	44.3
08:00 a.m. – 09:00 a.m.	58.9	78.7	52.8
09:00 a.m. – 10:00 a.m.	58.0	74.3	54.0
10:00 a.m. – 11:00 a.m.	59.8	87.8	52.4
11:00 a.m. – 12:00 a.m.	52.4	69.0	48.2
24 Hours Measured	56.8	90.2	49.6
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	61.3	-	-

Remark : 1. ^{1/} Notification of National Environmental Board No. 15 (B.E. 2540) It defines the General sound level Standards (Dated 12 March B.E. 2540)



ANALYSIS REPORT

Analysis No. : NH 160/2565

Job No. : PCL 0867/65

Report Date : July 20, 2022

Customer Name : บริษัท โอจี ฟอรัจ (ไทยแลนด์) จำกัด
 Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110
 Sampling Source : Community Noise
 Sampling Location : บริเวณชุมชนหนองยายปู่
 Measured Date : June 25-26, 2022
 Measured Instrument : Sound Level Meter ACO Type 6226 Serial Number 170108

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
12:00 a.m. – 01:00 p.m.	62.2	97.7	40.5
01:00 p.m. – 02:00 p.m.	57.4	78.7	52.6
02:00 p.m. – 03:00 p.m.	58.5	81.9	53.1
03:00 p.m. – 04:00 p.m.	55.9	75.5	51.8
04:00 p.m. – 05:00 p.m.	55.1	81.2	50.5
05:00 p.m. – 06:00 p.m.	55.0	81.6	49.5
06:00 p.m. – 07:00 p.m.	65.9	97.7	47.3
07:00 p.m. – 08:00 p.m.	54.1	81.9	47.6
08:00 p.m. – 09:00 p.m.	51.7	82.8	47.4
09:00 p.m. – 10:00 p.m.	46.4	64.1	44.6
10:00 p.m. – 11:00 p.m.	46.4	62.4	45.1
11:00 p.m. – 00:00 p.m.	50.7	81.9	43.9
00:00 p.m. – 01:00 a.m.	62.8	83.9	43.8
01:00 a.m. – 02:00 a.m.	48.5	80.3	44.0
02:00 a.m. – 03:00 a.m.	46.3	60.0	42.7
03:00 a.m. – 04:00 a.m.	50.0	70.0	43.8
04:00 a.m. – 05:00 a.m.	49.6	78.5	43.3
05:00 a.m. – 06:00 a.m.	51.7	75.0	42.9
06:00 a.m. – 07:00 a.m.	50.8	84.3	44.0
07:00 a.m. – 08:00 a.m.	49.0	71.1	42.8
08:00 a.m. – 09:00 a.m.	55.9	71.1	49.2
09:00 a.m. – 10:00 a.m.	53.3	79.6	48.0
10:00 a.m. – 11:00 a.m.	51.9	75.3	46.5
11:00 a.m. – 12:00 a.m.	60.6	79.8	55.7
24 Hours Measured	57.3	97.7	48.6
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	61.8	-	-

Remark : 1. ^{1/} Notification of National Environmental Board No. 15 (B.E. 2540) It defines the General sound level Standards (Dated 12 March B.E. 2540)



ANALYSIS REPORT

Analysis No. : NH 160/2565

Job No. : PCL 0867/65

Report Date : July 20, 2022

Customer Name : บริษัท ไอจี พอร์จ (ไทยแลนด์) จำกัด
 Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110
 Sampling Source : Community Noise
 Sampling Location : บริเวณชุมชนหนองยายปู่
 Measured Date : June 26-27, 2022
 Measured Instrument : Sound Level Meter ACO Type 6226 Serial Number 170108

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
12:00 a.m. – 01:00 p.m.	60.6	88.2	43.5
01:00 p.m. – 02:00 p.m.	52.5	73.4	48.0
02:00 p.m. – 03:00 p.m.	53.6	80.7	48.9
03:00 p.m. – 04:00 p.m.	51.3	78.5	47.2
04:00 p.m. – 05:00 p.m.	52.0	73.4	45.3
05:00 p.m. – 06:00 p.m.	51.7	77.2	41.9
06:00 p.m. – 07:00 p.m.	55.1	88.0	42.4
07:00 p.m. – 08:00 p.m.	54.7	78.3	49.3
08:00 p.m. – 09:00 p.m.	50.0	73.4	47.2
09:00 p.m. – 10:00 p.m.	48.7	73.6	46.1
10:00 p.m. – 11:00 p.m.	46.1	67.2	44.3
11:00 p.m. – 00:00 p.m.	60.0	85.3	43.2
00:00 p.m. – 01:00 a.m.	50.7	81.4	43.6
01:00 a.m. – 02:00 a.m.	43.2	52.6	41.9
02:00 a.m. – 03:00 a.m.	48.9	76.4	42.4
03:00 a.m. – 04:00 a.m.	52.4	76.5	42.5
04:00 a.m. – 05:00 a.m.	55.3	78.7	42.9
05:00 a.m. – 06:00 a.m.	55.1	81.6	45.1
06:00 a.m. – 07:00 a.m.	58.1	80.7	46.6
07:00 a.m. – 08:00 a.m.	55.0	83.9	46.7
08:00 a.m. – 09:00 a.m.	55.1	73.0	50.0
09:00 a.m. – 10:00 a.m.	58.2	83.9	52.6
10:00 a.m. – 11:00 a.m.	55.9	80.9	51.3
11:00 a.m. – 12:00 a.m.	55.5	77.9	51.1
24 Hours Measured	55.0	88.2	47.2
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	60.5	-	-

Remark : 1. ^{1/} Notification of National Environmental Board No. 15 (B.E. 2540) It defines the General sound level Standards (Dated 12 March B.E. 2540)



ภาคผนวก ค-4

ใบรายงานผลการตรวจวัดคุณภาพน้ำทิ้ง

Test Report

Request No : W6501369

Report No : 6501-2003

Customer : Aichi Forge (Thailand) Co.,Ltd.

Address : 150/68 Pinthong Industrial Estate #2 Moo 9, Nongkham, Sriracha, Chonburi 20230

Sampling Source : Pinthong Industrial Park 2

Sample No : W 65011497

Sample Name : น้ำออกจากระบบ Septic

Sampling Date : 18/01/2022

Sampling By : ETC

Sampling Time : 10:15 AM

Sampling Method : Grab

Received Date : 19/01/2022

Tested Date : 19/01/2022 - 27/01/2022

Reported Date : 29/01/2022

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode : APHA 2017 (5210B)	14.8	≤500
Chemical Oxygen Demand *	mg/l	Closed Reflux, Titrimetric	51	≤750
Color (Original) *	ADMI	ADMI Weighted Ordinate Method	31	≤600
Color (pH 7.0) *	ADMI	ADMI Weighted Ordinate Method	32	≤600
Oil and Grease @	mg/l	Partition-Gravimetric Method : APHA 2017 (5520B)	< 3.0	≤10
pH (on site) *		Electrometric	7.4	5.5 - 9.0
Temperature *	°C	Laboratory and Field	29	≤45
Total Dissolved Solids #	mg/l	Dried at 180 C : APHA 2017 (2540C)	268	≤3000
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl	42	≤100

Physical Apperance : 1. Sample : yellow, lightly SS

2. Container : Normal [PE 0.5 L*, PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 76 / 2560 (2017)

2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,

Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

3. Miss Apiradee Chuen-arom is Section Head / Mr. Kawee Suthasub is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang (1-003-1-5637)*

Examined By



Approved

บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

Test Report

Request No : W6501369

Report No : 6501-2003

Customer : Aichi Forge (Thailand) Co.,Ltd.

Address : 150/68 Pinthong Industrial Estate #2 Moo 9, Nongkham, Sriracha, Chonburi 20230

Sampling Source : Pinthong Industrial Park 2

Sample No : W 65011497

Sample Name : น้ำออกจาบบ Septic

Sampling Date : 18/01/2022

Sampling By : ETC

Sampling Time : 10:15 AM

Sampling Method : Grab

Received Date : 19/01/2022

Tested Date : 19/01/2022 - 27/01/2022

Reported Date : 29/01/2022

Parameter	Unit	Method	Result	Standard ¹
Total Suspended Solids #	mg/l	Dried at 103-105 C : APHA 2017 (2540D)	5	≤200

Physical Apperance : 1. Sample : yellow, lightly SS

2. Container : Normal [PE 0.5 L*, PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 76 / 2560 (2017)

2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,

Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

3. Miss Apiradee Chuen-arom is Section Head / Mr. Kawee Suthasub is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang (3-003-3-5637)*

Examined



Approved

Test Report

Request No : W6502376

Report No : 6502-1576

Customer : Aichi Forge (Thailand) Co.,Ltd.*

Address : 150/68 Pinthong Industrial Estate #2 Moo 9, Nongkham, Sriracha, Chonburi 20230*

Sampling Source : Pinthong Industrial Park 2*

Sample No : W 65021444

Sample Name : น้ำขบวนการ*
น้ำขบวนการ

Sampling Date : 15/02/2022*

Sampling By : ETC*

Sampling Time : 8:40 AM*

Sampling Method : Grab*

Received Date : 17/02/2022

Tested Date : 17/02/2022 - 24/02/2022

Reported Date : 25/02/2022

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	17.4	≤500
Chemical Oxygen Demand *	mg/l	Closed Reflux, Titrimetric Method (SM:5220C)	92	≤750
Color (Original) *	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM:2120F)	72	≤600
Color (pH 7.0) *	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM:2120F)	64	≤600
Oil and Grease @	mg/l	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤10
pH (on site) *		Electrometric Method	7.4	5.5 - 9.0
Temperature *	°C	Laboratory and Field Method	30	≤45
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	252	≤3000

Physical Appearance : 1. Sample : yellow, lightly SS

2. Container : Normal [PE 0.5 L*, PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /I Notification of Industrial Estate Authority of Thailand 76 / 2560 (2017)

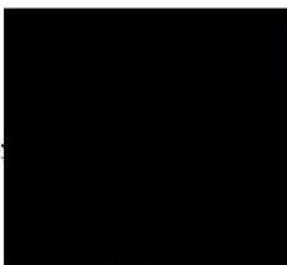
2. @ = ISO/IEC 17025:2017 Accredited by TISI, # = ISO/IEC 17025:2017 Accredited by DSS,

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

3. Miss Apiradee Chuen-arom is Section Head / Mr. Kawee Suthasub is Technical Management.

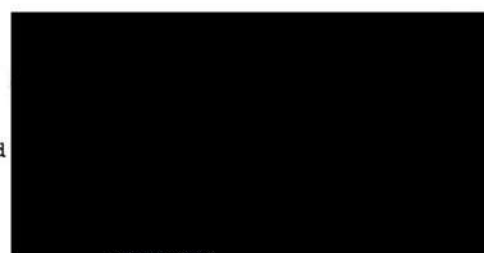
4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan (จ-003-ก-7279)*

Examined By



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved



REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

Test Report

Request No : W6502376

Report No : 6502-1576

Customer : Aichi Forge (Thailand) Co.,Ltd.*

Address : 150/68 Pinthong Industrial Estate #2 Moo 9, Nongkham, Sriracha, Chonburi 20230*

Sampling Source : Pinthong Industrial Park 2*

Sample No : W 65021444

Sample Name : น้ำขบวนการระบบ*

Sampling Date : 15/02/2022*

Sampling By : ETC*

Sampling Time : 8:40 AM*

Sampling Method : Grab*

Received Date : 17/02/2022

Tested Date : 17/02/2022 - 24/02/2022

Reported Date : 25/02/2022

Parameter	Unit	Method	Result	Standard ¹⁾
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	49	≤100
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	20	≤200

Physical Appearance : 1. Sample : yellow, lightly SS

2. Container : Normal [PE 0.5 L*, PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 76 / 2560 (2017)

2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

3. Miss Apiradee Chuen-arom is Section Head / Mr. Kawee Suthasub is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan (2-003-ก-7279)*

Examined By



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved By

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

Test Report

Request No : W6503449

Report No : 6504-0057

Customer : Aichi Forge (Thailand) Co.,Ltd.*

Address : 150/68 Pinthong Industrial Estate #2 Moo 9, Nongkham, Sriracha, Chonburi 20230*

Sampling Source : Pinthong Industrial Park 2*

Sample No : W 65031768

Sample Name : น้ำโสโครก Septic*

Sampling Date : 17/03/2022*

Sampling By : ETC*

Sampling Time : 11:25 AM*

Sampling Method : Grab*

Received Date : 18/03/2022

Tested Date : 18/03/2022 - 30/03/2022

Reported Date : 02/04/2022

Parameter	Unit	Method	Result	Standard/ ¹
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	9.9	≤500
Chemical Oxygen Demand *	mg/l	Closed Reflux, Titrimetric Method (SM:5220C)	42	≤750
Color (Original) *	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM:2120F)	46	≤600
Color (pH 7.0) *	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM:2120F)	46	≤600
Oil and Grease @	mg/l	Partition-Gravimetric Method (SM:5520B)	<3.0	≤10
pH (on site) *		Electrometric Method	7.5	5.5 - 9.0
Temperature *	°C	Laboratory and Field Method	30	≤45
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	284	≤3000

Physical Appearance : 1. Sample : yellow, lightly SS

2. Container : Normal [PE 0.5 L*, PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 76 / 2560 (2017)

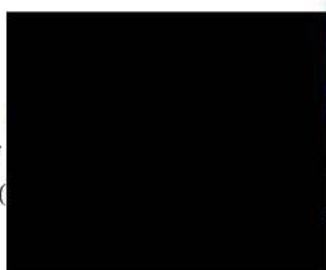
2. @ = ISO/IEC 17025:2017 Accredited by TISI, # = ISO/IEC 17025:2017 Accredited by DSS,

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

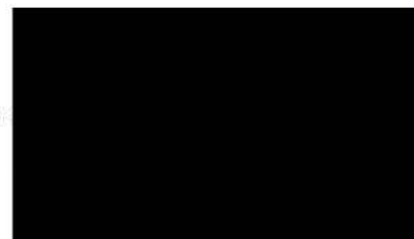
3. Miss Apiradee Chuen-arom is Section Head / Mrs. Wanpen Lhaochindawat is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang (ว-003-อ-5637)*

Examined By



Approved



REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

Test Report

Request No : W6503449

Report No : 6504-0057

Customer : Aichi Forge (Thailand) Co.,Ltd.*

Address : 150/68 Pinthong Industrial Estate #2 Moo 9, Nongkham, Sriracha, Chonburi 20230*

Sampling Source : Pinthong Industrial Park 2*

Sample No : W 65031768

Sample Name : น้ำออกจากระบบ Septic*

Sampling Date : 17/03/2022*

Sampling By : ETC*

Sampling Time : 11:25 AM*

Sampling Method : Grab*

Received Date : 18/03/2022

Tested Date : 18/03/2022 - 30/03/2022

Reported Date : 02/04/2022

Parameter	Unit	Method	Result	Standard ¹
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	5	≤100
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	< 5	≤200

Physical Appearance : 1. Sample : yellow, lightly SS

2. Container : Normal [PE 0.5 L*, PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 76 / 2560 (2017)

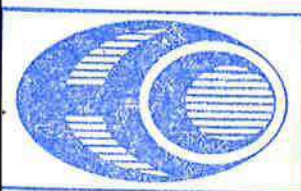
2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

3. Miss Apiradee Chuen-arom is Section Head / Mrs. Wanpen Lhaochindawat is Technical Management.

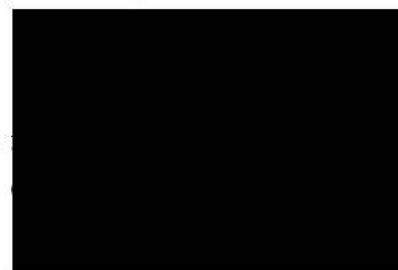
4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang (1-003-0-5637)*

Examined By



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved



REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

Test Report

Request No : W6504401

Report No : 6505-0006

Customer : Aichi Forge (Thailand) Co.,Ltd.**

Address : 150/68 Pinthong Industrial Estate #2 Moo 9, Nongkham, Sriracha, Chonburi 20230**

Sampling Source : Pinthong Industrial Park 2**

Sample No : W 65041433

Sample Name : น้ำทิ้งจากโรงงาน Septic**

Sampling Date : 20/04/2022**

Sampling By : ETC**

Sampling Time : 9:45 AM**

Sampling Method : Grab**

Received Date : 21/04/2022

Tested Date : 21/04/2022 - 28/04/2022

Reported Date : 03/05/2022

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	4.5	≤500
Chemical Oxygen Demand #	mg/l	Closed Reflux, Titrimetric Method (SM:5220C)	< 40	≤750
Color (Original) *	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM:2120F)	< 20	≤600
Color (pH 7.0) *	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM:2120F)	< 20	≤600
Oil and Grease @	mg/l	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤10
pH (on site) *		Electrometric Method	8.0	5.5 - 9.0
Temperature *	°C	Laboratory and Field Method	31	≤45
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	1,680	≤3000

Physical Appearance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L, PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 76 / 2560 (2017)

2. @ = ISO/IEC 17025:2017 Accredited by TISI, # = ISO/IEC 17025:2017 Accredited by DSS,

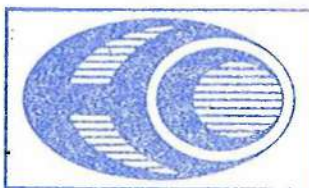
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

3. Miss Apiradee Chuen-arom is Section Head / Mr. Kawee Suthasub is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Miss Pornpinan Viriyakusolkul (1-003-0-8334)*

5. ** = These data are non laboratory data.

Examined By



Approved By

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

Test Report

Request No : W6504401

Report No : 6505-0006

Customer : Aichi Forge (Thailand) Co.,Ltd.**

Address : 150/68 Pinthong Industrial Estate #2 Moo 9, Nongkham, Sriracha, Chonburi 20230**

Sampling Source : Pinthong Industrial Park 2**

Sample No : W 65041433

Sample Name : น้ำทิ้งโรงงาน Septic**

Sampling Date : 20/04/2022**

Sampling By : ETC**

Sampling Time : 9:45 AM**

Sampling Method : Grab**

Received Date : 21/04/2022

Tested Date : 21/04/2022 - 28/04/2022

Reported Date : 03/05/2022

Parameter	Unit	Method	Result	Standard ¹
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	8	≤100
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	< 5	≤200

Physical Appearance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L, PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /I Notification of Industrial Estate Authority of Thailand 76 / 2560 (2017)

2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,

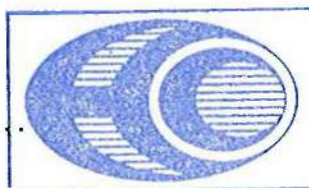
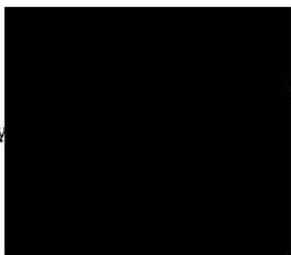
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

3. Miss Apiradee Chuen-arom is Section Head / Mr. Kawee Suthasub is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Miss Pornpinan Viriyakusolkul (1-003-0-8334)*

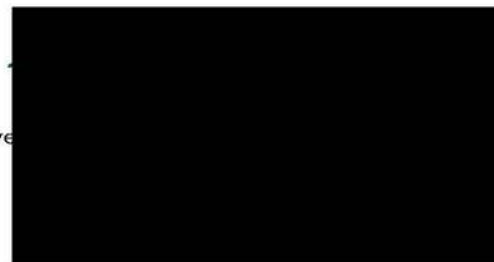
5. ** = These data are non laboratory data.

Examined By



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approve



REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

Test Report

Request No : W6505573

Report No : 6506-0332

Customer : Aichi Forge (Thailand) Co.,Ltd.**

Address : 150/68 Pinthong Industrial Estate #2 Moo 9, Nongkham, Sriracha, Chonburi 20230**

Sampling Source : Pinthong Industrial Park 2**

Sample No : W 65052215

Sample Name : น้ำทิ้งจากโรงงาน Septic**

Sampling Date : 27/05/2022**

Sampling By : ETC**

Sampling Time : 9:00 AM**

Sampling Method : Grab**

Received Date : 28/05/2022

Tested Date : 28/05/2022 - 02/06/2022

Reported Date : 09/06/2022

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand [#]	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	< 2.0	≤ 500
Chemical Oxygen Demand [#]	mg/l	Closed Reflux, Titrimetric Method (SM:5220C)	< 40	≤ 750
Color(Original) *	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM:2120F)	< 20	≤ 600
Color(pH 7.0) *	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM:2120F)	< 20	≤ 600
Oil and Grease [@]	mg/l	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤ 10
pH (on site) *		Electrometric Method	7.3	5.5 - 9.0
Temperature *	°C	Laboratory and Field Method	31	≤ 45
Total Dissolved Solids [#]	mg/l	Dried at 180 C (SM:2540C)	444	≤ 3000

Physical Appearance : 1. Sample : lightly SS

2. Container : Normal [PE 0.5 L, PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1./1 Notification of Industrial Estate Authority of Thailand 76 / 2560 (2017)

2. @ = ISO/IEC 17025:2017 Accredited by TISI, # = ISO/IEC 17025:2017 Accredited by DSS,

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

3. Miss Apiradee Chuen-arom is Section Head / Mr. Kawee Suthasub is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang (1-003-0-5637)*

5. ** = These data are non laboratory data.

Examined



Approved B

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

Test Report

Request No : W6505573

Report No : 6506-0332

Customer : Aichi Forge (Thailand) Co.,Ltd.**

Address : 150/68 Pinthong Industrial Estate #2 Moo 9, Nongkham, Sriracha, Chonburi 20230**

Sampling Source : Pinthong Industrial Park 2**

Sample No : W 65052215

Sample Name : น้ำทิ้งจากโรงงาน Septic**

Sampling Date : 27/05/2022**

Sampling By : ETC**

Sampling Time : 9:00 AM**

Sampling Method : Grab**

Received Date : 28/05/2022

Tested Date : 28/05/2022 - 02/06/2022

Reported Date : 09/06/2022

Parameter	Unit	Method	Result	Standard ¹
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	8	≤100
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	< 5	≤200

Physical Appearance : 1. Sample : lightly SS

2. Container : Normal [PE 0.5 L, PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 76 / 2560 (2017)

2. @ = ISO/IEC 17025:2017 Accredited by TISI, # = ISO/IEC 17025:2017 Accredited by DSS,

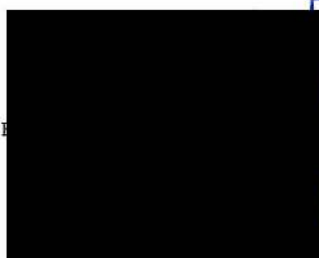
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

3. Miss Apiradee Chuen-arom is Section Head / Mr. Kawee Suthasub is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang (1-003-0-5637)*

5. ** = These data are non laboratory data.

Examined By



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved



REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

Test Report

Request No : W6506437

Report No : 6507-0120

Customer : Aichi Forge (Thailand) Co.,Ltd.**

Address : 150/68 Pinthong Industrial Estate #2 Moo 9, Nongkham, Sriracha, Chonburi 20230**

Sampling Source : Pinthong Industrial Park 2**

Sample No : W 65061587

Sample Name : น้ำออกจาบบ Septic**

Sampling Date : 16/06/2022**

Sampling By : ETC**

Sampling Time : 8:55 AM**

Sampling Method : Grab**

Received Date : 17/06/2022

Tested Date : 17/06/2022 - 25/06/2022

Reported Date : 02/07/2022

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/l	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	4.1	≤500
Chemical Oxygen Demand #	mg/l	Closed Reflux, Titrimetric Method (SM:5220C)	41	≤750
Color(Original) *	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM:2120F)	29	≤600
Color(pH 7.0) *	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM:2120F)	29	≤600
Oil and Grease @	mg/l	Partition-Gravimetric Method (SM:5520B)	< 3.0	≤10
pH (on site) *		Electrometric Method	7.5	5.5 - 9.0
Temperature *	°C	Laboratory and Field Method	30	≤45
Total Dissolved Solids #	mg/l	Dried at 180 C (SM:2540C)	172	≤3000

Physical Appearance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L, PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /I Notification of Industrial Estate Authority of Thailand 76 / 2560 (2017)

2. @ = ISO/IEC 17025:2017 Accredited by TISI, # = ISO/IEC 17025:2017 Accredited by DSS,

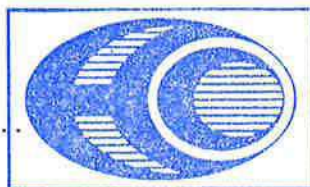
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

3. Miss Apiradee Chuen-arom is Section Head / Mr. Kawee Suthasub is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang (๓-๐๐3-๖-5637)*

5. ** = These data are non laboratory data.

Examin



บริษัท อีสเทิร์นไทยคอนซัลติง 1992 จำกัด

Approved

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

Test Report

Request No : W6506437

Report No : 6507-0120

Customer : Aichi Forge (Thailand) Co.,Ltd.**

Address : 150/68 Pinthong Industrial Estate #2 Moo 9, Nongkham, Sriracha, Chonburi 20230**

Sampling Source : Pinthong Industrial Park 2**

Sample No : W 65061587

Sample Name : น้ำออกจาบบ Septic**

Sampling Date : 16/06/2022**

Sampling By : ETC**

Sampling Time : 8:55 AM**

Sampling Method : Grab**

Received Date : 17/06/2022

Tested Date : 17/06/2022 - 25/06/2022

Reported Date : 02/07/2022

Parameter	Unit	Method	Result	Standard ¹
Total Kjeldahl Nitrogen *	mg/l as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	5	≤100
Total Suspended Solids #	mg/l	Dried at 103-105 C (SM:2540D)	< 5	≤200

Physical Appearance : 1. Sample : yellowish, lightly SS

2. Container : Normal [PE 0.5 L, PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 76 / 2560 (2017)

2. @ = ISO/IEC 17025:2017 Accredited by TISI., # = ISO/IEC 17025:2017 Accredited by DSS,

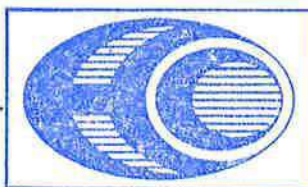
SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd Edition, 2017.

3. Miss Apiradee Chuen-arom is Section Head / Mr. Kawee Suthasub is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Supharerk Phatklang (1-003-1-5637)*

5. ** = These data are non laboratory data.

Examined



Approved

บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

REPORTED TEST REFER TO SUBMITTED SAMPLES ONLY
THIS REPORT SHALL NOT REPRODUCED EXCEPT IN FULL
WITHOUT THE WRITTEN APPROVAL LABORATORY

RECOMMENDATION OF WASTEWATER ANALYSIS

DATE : February 8, 2022
NO. : 02MW6-001



PREPARED BY

GOSHU TECHNOSERVICE CO., LTD.

RECOMMENDATION OF WASTEWATER ANALYSIS

CUSTOMER : AICHI FORGE (THAILAND) CO., LTD.
 SAMPLING DATE : February 15, 2022

DATE : March 4, 2022
 NO. : 02MW6-005

ITEM		pH	T.D.S. mg/L	SS mg/L	COD (Cr) mg/L	BOD mg/L	Oil & Grease mg/L	T-Fe mg/L	Zn mg/L	Cr ³⁺ mg/L	Cr ⁶⁺ mg/L	Pb mg/L	Ni mg/L	Cu mg/L	CH ₂ O mg/L	phenol mg/L	HCN mg/L	Ag mg/L	TKN mg/L	H ₂ S mg/L
STANDARD OF WASTEWATER PINTHONG IE. PHASE 2		5.0-9.0	3000	200	750	500	10	10	5	0.75	0.25	0.2	1	2	1	1	1	-	100	-
SAMPLE NAME	VALUE																			
Discharge No.2 (Wastewater Plant)	NORMAL	7.0	2186	<10	<30	3	<1.0	<0.05				<0.05								
	AB-NORMAL																			
Discharge No.2 (Inspection Pit)	NORMAL	7.1	222	17	67	10	1.8	<0.05				<0.05								
	AB-NORMAL																			
	NORMAL																			
	AB-NORMAL																			
	NORMAL																			
	AB-NORMAL																			
	NORMAL																			
	AB-NORMAL																			
RECOMMENDATION :															<div> PREPARED BY  TECHNICAL SECTION</div>					
คุณภาพน้ำ Discharge No.2 (Wastewater Plant) มีค่าอยู่ในเกณฑ์มาตรฐานน้ำทิ้งนิคมอุตสาหกรรมปิ่นทอง #2																				
คุณภาพน้ำ Discharge No.2 (Inspection Pit) มีค่าอยู่ในเกณฑ์มาตรฐานน้ำทิ้งนิคมอุตสาหกรรมปิ่นทอง #2																				

GOSHU TECHNOSERVICE CO., LTD.

RECOMMENDATION OF WASTEWATER ANALYSIS

CUSTOMER : AICHI FORGE (THAILAND) CO., LTD.
 SAMPLING DATE : March 1, 2022

DATE : March 23, 2022
 NO. : 03MW6-003

ITEM		pH	T.D.S. mg/L	SS mg/L	COD (Cr) mg/L	BOD mg/L	Oil & Grease mg/L	T-Fe mg/L	Zn mg/L	Cr ³⁺ mg/L	Cr ⁶⁺ mg/L	Pb mg/L	Ni mg/L	Cu mg/L	CH ₂ O mg/L	phenol mg/L	HCN mg/L	Ag mg/L	TKN mg/L	H ₂ S mg/L
STANDARD OF WASTEWATER PINTHONG IE. PHASE 2		5.0-9.0	3000	200	750	500	10	10	5	0.75	0.25	0.2	1	2	1	1	1	-	100	-
SAMPLE NAME	VALUE																			
Discharge No.1 (Wastewater Plant)	NORMAL	7.0		24	<30	3	1.9					<0.05								
	AB-NORMAL		3295																	
Discharge No.1 (Inspection Pit)	NORMAL	7.0	498	10	35	5	2.3					<0.05								
	AB-NORMAL																			
	NORMAL																			
	AB-NORMAL																			
	NORMAL																			
	AB-NORMAL																			
	NORMAL																			
	AB-NORMAL																			

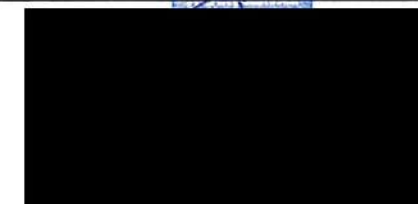
RECOMMENDATION :

คุณภาพน้ำ Discharge No.1 (Wastewater Plant) มีค่า TDS สูงเกินเกณฑ์มาตรฐานน้ำทิ้ง

นิคมอุตสาหกรรมปิ่นทอง #2

คุณภาพน้ำ Discharge No.1 (Inspection Pit) มีค่าอยู่ในเกณฑ์มาตรฐานน้ำทิ้งนิคมอุตสาหกรรมปิ่นทอง #2

PREPARED BY





TECHNICAL SECTION

GOSHU TECHNOSERVICE CO., LTD.

RECOMMENDATION OF WASTEWATER ANALYSIS

CUSTOMER : AICHI FORGE (THAILAND) CO., LTD.
 SAMPLING DATE : April 22, 2022

DATE : May 3, 2022
 NO. : 04MW6-004

ITEM		pH	T.D.S. mg/L	SS mg/L	COD (Cr) mg/L	BOD mg/L	Oil & Grease mg/L	T-Fe mg/L	Zn mg/L	Cr ³⁺ mg/L	Cr ⁶⁺ mg/L	Pb mg/L	Ni mg/L	Cu mg/L	CH ₂ O mg/L	phenol mg/L	HCN mg/L	Ag mg/L	TKN mg/L	H ₂ S mg/L
STANDARD OF WASTEWATER PINTHONG IE. PHASE 2		5.0-9.0	3000	200	750	500	10	10	5	0.75	0.25	0.2	1	2	1	1	1	-	100	-
SAMPLE NAME	VALUE																			
Discharge No.2 (Wastewater Plant)	NORMAL	7.3	2932	<10	35	2	1.4					<0.05								
	AB-NORMAL																			
Discharge No.2 (Inspection Pit)	NORMAL	7.7	987	22	45	3	<1.0					<0.05								
	AB-NORMAL																			
	NORMAL																			
	AB-NORMAL																			
	NORMAL																			
	AB-NORMAL																			
	NORMAL																			
	AB-NORMAL																			
RECOMMENDATION :															<div></div> <div>PREPARED BY</div> <div></div> <div>TECHNICAL SECTION</div>					
คุณภาพน้ำ Discharge No.2 (Wastewater Plant) และ คุณภาพน้ำ Discharge No.2 (Inspection Pit)																				
อยู่ในเกณฑ์มาตรฐานน้ำทิ้งนิคมอุตสาหกรรมปิ่นทอง #2																				

GOSHU TECHNOSERVICE CO., LTD.

RECOMMENDATION OF WASTEWATER ANALYSIS

CUSTOMER : AICHI FORGE (THAILAND) CO., LTD.
SAMPLING DATE : May 10, 2022

DATE : May 31, 2022
NO. : 05MW6-002

ITEM		pH	T.D.S. mg/L	SS mg/L	COD (Cr) mg/L	BOD mg/L	Oil & Grease mg/L	T-Fe mg/L	Zn mg/L	Cr ³⁺ mg/L	Cr ⁶⁺ mg/L	Pb mg/L	Ni mg/L	Cu mg/L	CH ₂ O mg/L	phenol mg/L	HCN mg/L	Ag mg/L	TKN mg/L	H ₂ S mg/L
STANDARD OF WASTEWATER PINTHONG IE. PHASE 2		5.0-9.0	3000	200	750	500	10	10	5	0.75	0.25	0.2	1	2	1	1	1	-	100	-
SAMPLE NAME	VALUE																			
Discharge No.1 (Wastewater Plant)	NORMAL	7.0	1861	13	48	2	1.8					<0.05								
	AB-NORMAL																			
Discharge No.1 (Inspection Pit)	NORMAL	7.2	885	<10	31	<2	1.9					<0.05								
	AB-NORMAL																			
	NORMAL																			
	AB-NORMAL																			
	NORMAL																			
	AB-NORMAL																			
	NORMAL																			
	AB-NORMAL																			

RECOMMENDATION :

คุณภาพน้ำ Discharge No.1 (Wastewater Plant) และ คุณภาพน้ำ Discharge No.1 (Inspection Pit)
อยู่ในเกณฑ์มาตรฐานน้ำทิ้งนิคมอุตสาหกรรมปิ่นทอง #2

PREPARED BY

TECHNICAL SECTION



GOSHU TECHNOSERVICE CO., LTD.

RECOMMENDATION OF WASTEWATER ANALYSIS

CUSTOMER : AICHI FORGE (THAILAND) CO., LTD.
 SAMPLING DATE : June 6, 2022

DATE : June 20, 2022
 NO. : 06MW6-002

ITEM		pH	T.D.S. mg/L	SS mg/L	COD (Cr) mg/L	BOD mg/L	Oil & Grease mg/L	T-Fe mg/L	Zn mg/L	Cr ³⁺ mg/L	Cr ⁶⁺ mg/L	Pb mg/L	Ni mg/L	Cu mg/L	CH ₂ O mg/L	phenol mg/L	HCN mg/L	Ag mg/L	TKN mg/L	H ₂ S mg/L
STANDARD OF WASTEWATER PINTHONG IE. PHASE 2		5.0-9.0	3000	200	750	500	10	10	5	0.75	0.25	0.2	1	2	1	1	1	-	100	-
SAMPLE NAME	VALUE																			
Discharge No.1 (Wastewater Plant)	NORMAL	6.9	1963	11	41	5	<1.0					<0.05								
	AB-NORMAL																			
Discharge No.1 (Inspection Pit)	NORMAL	7.3	437	<10	<30	<2	<1.0					<0.05								
	AB-NORMAL																			
	NORMAL																			
	AB-NORMAL																			
	NORMAL																			
	AB-NORMAL																			
	NORMAL																			
	AB-NORMAL																			

RECOMMENDATION :	คุณภาพน้ำ Discharge No.1 (Wastewater Plant) และ คุณภาพน้ำ Discharge No.1 (Inspection Pit) อยู่ในเกณฑ์มาตรฐานน้ำทิ้งนิคมอุตสาหกรรมปิ่นทอง #2	 PREPARED BY  TECHNICAL SECTION