

ภาคผนวก ค

ภาคผนวก ค-1

ใบรายงานผลการตรวจวัดคุณภาพอากาศในบรรยากาศ
และระดับเสียงโดยทั่วไป

ANALYSIS REPORT

Analysis No. : Lab-AB 192/2568
Job No. : PCL 1250/68
Report Date : November 6, 2025

Customer Name : บริษัท โอจี ฟอรัจ (ไทยแลนด์) จำกัด
Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอสรีราชา จังหวัดชลบุรี 20110
Sampling Source : Ambient Air Quality
Sampling Point : บริเวณวัดเขาชีธรรมนิมิต
Sampling Date/Time : October 14-21, 2025/03.30 p.m. Received Date : October 22, 2025
GPS. Coordinate : UTM 47P 0721583 E, 1451036 N Analytical Date : October 22-November 6, 2025
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.	14-15/10/25	mg/m ³	0.024
2.	15-16/10/25		0.028
3.	16-17/10/25		0.026
4.	17-18/10/25		0.022
5.	18-19/10/25		0.027
6.	19-20/10/25		0.032
7.	20-21/10/25		0.030
Standard ^{1/}			≤0.33

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


(Mr. Rhus Fakto)
Laboratory Approve

ANALYSIS REPORT

Analysis No. : Lab-AB 192/2568
Job No. : PCL 1250/68
Report Date : November 6, 2025

Customer Name : บริษัท ไอจี พอร์จ (ไทยแลนด์) จำกัด
Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอสรรีราชา จังหวัดชลบุรี 20110
Sampling Source : Ambient Air Quality
Sampling Point : บริเวณโรงพยาบาลส่งเสริมสุขภาพตำบลบ้านหนองค้อ
Sampling Date/Time : October 14-21, 2025/02.00 p.m. Received Date : October 22, 2025
GPS. Coordinate : UTM 47P 0719952 E, 1452015 N Analytical Date : October 22-November 6, 2025
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.	14-15/10/25	mg/m ³	0.049
2.	15-16/10/25		0.040
3.	16-17/10/25		0.044
4.	17-18/10/25		0.045
5.	18-19/10/25		0.052
6.	19-20/10/25		0.059
7.	20-21/10/25		0.046
Standard ^{1/}			≤0.33

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


 (Mr. Rnus Fakto)
 Laboratory Approve

ANALYSIS REPORT

Analysis No. : NH 276/2568
Job No. : PCL 1250/68
Report Date : October 30, 2025

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)
GPS. Coordinate : UTM 47P 0719753 E, 1450837 N
Measured Date : October 14-15, 2025
Measured Instrument : Sound Level Meter ACO Model 6226 Serial Number 180044

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
12:00 a.m. – 01:00 p.m.	55.0	75.5	49.8
01:00 p.m. – 02:00 p.m.	58.4	75.3	52.7
02:00 p.m. – 03:00 p.m.	59.3	78.8	54.8
03:00 p.m. – 04:00 p.m.	58.6	76.0	54.9
04:00 p.m. – 05:00 p.m.	59.4	75.3	54.9
05:00 p.m. – 06:00 p.m.	62.7	90.2	57.4
06:00 p.m. – 07:00 p.m.	56.6	79.4	50.6
07:00 p.m. – 08:00 p.m.	61.2	88.2	53.2
08:00 p.m. – 09:00 p.m.	60.1	88.2	54.3
09:00 p.m. – 10:00 p.m.	57.3	81.3	51.7
10:00 p.m. – 11:00 p.m.	55.4	74.9	51.3
11:00 p.m. – 00:00 p.m.	54.6	75.1	50.8
00:00 p.m. – 01:00 a.m.	51.4	70.6	47.5
01:00 a.m. – 02:00 a.m.	55.0	75.2	51.1
02:00 a.m. – 03:00 a.m.	54.5	75.2	50.3
03:00 a.m. – 04:00 a.m.	53.7	71.6	49.9
04:00 a.m. – 05:00 a.m.	52.3	77.4	49.3
05:00 a.m. – 06:00 a.m.	56.3	75.7	49.7
06:00 a.m. – 07:00 a.m.	57.3	77.7	51.2
07:00 a.m. – 08:00 a.m.	63.1	85.4	56.2
08:00 a.m. – 09:00 a.m.	59.0	76.8	52.8
09:00 a.m. – 10:00 a.m.	57.5	77.5	52.0
10:00 a.m. – 11:00 a.m.	58.6	89.8	51.9
11:00 a.m. – 12:00 a.m.	55.8	78.1	49.9
24 Hours Measured	58.2	90.2	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)

PACIFIC LABORATORY CO., LTD.

(Mr. Rhus Fakto)
Laboratory Approve

ANALYSIS REPORT

Analysis No. : NH 276/2568
Job No. : PCL 1250/68
Report Date : October 30, 2025

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 : ทิศเหนือ (Slope area)
GPS. Coordinate : UTM 47P 0719753 E, 1450837 N
Measured Date : October 15-16, 2025
Measured Instrument : Sound Level Meter ACO Model 6226 Serial Number 180044

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
12:00 a.m. – 01:00 p.m.	57.8	82.9	52.1
01:00 p.m. – 02:00 p.m.	65.2	86.9	61.9
02:00 p.m. – 03:00 p.m.	60.2	84.9	55.4
03:00 p.m. – 04:00 p.m.	59.2	80.9	54.6
04:00 p.m. – 05:00 p.m.	60.7	82.6	55.7
05:00 p.m. – 06:00 p.m.	63.3	90.0	58.7
06:00 p.m. – 07:00 p.m.	60.4	80.2	55.3
07:00 p.m. – 08:00 p.m.	63.9	83.9	57.7
08:00 p.m. – 09:00 p.m.	62.8	83.4	57.7
09:00 p.m. – 10:00 p.m.	59.3	83.1	54.4
10:00 p.m. – 11:00 p.m.	58.2	76.8	53.1
11:00 p.m. – 00:00 p.m.	56.8	78.3	52.4
00:00 p.m. – 01:00 a.m.	53.9	76.2	49.6
01:00 a.m. – 02:00 a.m.	56.7	80.2	53.0
02:00 a.m. – 03:00 a.m.	55.8	75.2	51.3
03:00 a.m. – 04:00 a.m.	52.6	71.9	49.3
04:00 a.m. – 05:00 a.m.	51.6	75.2	48.2
05:00 a.m. – 06:00 a.m.	57.1	79.6	50.1
06:00 a.m. – 07:00 a.m.	58.5	80.7	52.4
07:00 a.m. – 08:00 a.m.	63.2	84.7	56.3
08:00 a.m. – 09:00 a.m.	58.4	78.5	52.3
09:00 a.m. – 10:00 a.m.	57.6	79.1	51.7
10:00 a.m. – 11:00 a.m.	57.2	75.4	52.8
11:00 a.m. – 12:00 a.m.	55.6	80.1	50.8
24 Hours Measured	59.9	90.0	55.0
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	63.9	-	-

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.
(Mr. Rous Fakto).
Laboratory Approve

ANALYSIS REPORT

Analysis No. : NH 276/2568

Job No. : PCL 1250/68

Report Date : October 30, 2025

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 : ทิศเหนือ (Slope area)
GPS. Coordinate : UTM 47P 0719753 E, 1450837 N
Measured Date : October 16-17, 2025
Measured Instrument : Sound Level Meter ACO Model 6226 Serial Number 180044

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
12:00 a.m. – 01:00 p.m.	55.9	81.3	51.6
01:00 p.m. – 02:00 p.m.	57.4	75.2	52.3
02:00 p.m. – 03:00 p.m.	57.8	86.6	51.4
03:00 p.m. – 04:00 p.m.	57.8	80.8	51.6
04:00 p.m. – 05:00 p.m.	57.1	78.5	53.0
05:00 p.m. – 06:00 p.m.	61.2	84.1	55.3
06:00 p.m. – 07:00 p.m.	57.3	78.7	51.2
07:00 p.m. – 08:00 p.m.	61.2	79.8	53.5
08:00 p.m. – 09:00 p.m.	59.8	78.7	53.8
09:00 p.m. – 10:00 p.m.	56.5	82.3	51.5
10:00 p.m. – 11:00 p.m.	55.5	74.5	50.7
11:00 p.m. – 00:00 p.m.	55.0	75.5	50.4
00:00 p.m. – 01:00 a.m.	51.7	74.3	48.1
01:00 a.m. – 02:00 a.m.	53.8	74.9	50.7
02:00 a.m. – 03:00 a.m.	54.2	73.8	50.1
03:00 a.m. – 04:00 a.m.	53.7	76.6	49.1
04:00 a.m. – 05:00 a.m.	52.4	72.7	48.6
05:00 a.m. – 06:00 a.m.	55.1	75.6	49.7
06:00 a.m. – 07:00 a.m.	59.0	84.2	51.7
07:00 a.m. – 08:00 a.m.	62.8	85.5	56.3
08:00 a.m. – 09:00 a.m.	59.9	90.0	53.5
09:00 a.m. – 10:00 a.m.	57.6	81.4	52.4
10:00 a.m. – 11:00 a.m.	57.3	79.7	52.6
11:00 a.m. – 12:00 a.m.	58.1	83.4	53.1
24 Hours Measured	57.9	90.0	52.2
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	61.9	-	-

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)


(Mr. Brus Fakto)
Laboratory Approve

ANALYSIS REPORT

Analysis No. : NH 276/2568
Job No. : PCL 1250/68
Report Date : October 30, 2025

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 : ทิศเหนือ (Slope area)
GPS. Coordinate : UTM 47P 0719753 E, 1450837 N
Measured Date : October 17-18, 2025
Measured Instrument : Sound Level Meter ACO Model 6226 Serial Number 180044

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
12:00 a.m. – 01:00 p.m.	57.9	81.4	52.7
01:00 p.m. – 02:00 p.m.	56.2	74.0	52.6
02:00 p.m. – 03:00 p.m.	57.0	78.4	52.0
03:00 p.m. – 04:00 p.m.	55.8	79.1	50.5
04:00 p.m. – 05:00 p.m.	57.7	77.9	51.4
05:00 p.m. – 06:00 p.m.	61.5	87.9	54.6
06:00 p.m. – 07:00 p.m.	55.4	81.0	49.3
07:00 p.m. – 08:00 p.m.	61.4	82.6	51.7
08:00 p.m. – 09:00 p.m.	58.9	79.3	52.7
09:00 p.m. – 10:00 p.m.	56.9	78.8	50.7
10:00 p.m. – 11:00 p.m.	55.1	74.2	50.8
11:00 p.m. – 00:00 p.m.	55.9	75.0	49.7
00:00 p.m. – 01:00 a.m.	50.2	72.5	47.2
01:00 a.m. – 02:00 a.m.	53.4	75.4	49.8
02:00 a.m. – 03:00 a.m.	51.4	71.2	48.5
03:00 a.m. – 04:00 a.m.	51.4	69.0	48.4
04:00 a.m. – 05:00 a.m.	51.2	80.4	46.5
05:00 a.m. – 06:00 a.m.	58.4	85.7	48.4
06:00 a.m. – 07:00 a.m.	56.7	83.9	49.1
07:00 a.m. – 08:00 a.m.	62.2	83.1	53.7
08:00 a.m. – 09:00 a.m.	59.1	82.5	52.4
09:00 a.m. – 10:00 a.m.	56.8	76.1	51.7
10:00 a.m. – 11:00 a.m.	53.9	75.8	47.9
11:00 a.m. – 12:00 a.m.	53.7	81.6	48.0
24 Hours Measured	57.3	87.9	50.9
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	61.8	-	-

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)


(Mr. Rnus Faktø)
Laboratory Approve

ANALYSIS REPORT

Analysis No. : NH 276/2568

Job No. : PCL 1250/68

Report Date : October 30, 2025

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 : ทิศเหนือ (Slope area)
GPS. Coordinate : UTM 47P 0719753 E, 1450837 N
Measured Date : October 18-19, 2025
Measured Instrument : Sound Level Meter ACO Model 6226 Serial Number 180044

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
12:00 a.m. – 01:00 p.m.	52.7	74.6	46.6
01:00 p.m. – 02:00 p.m.	55.5	84.7	46.7
02:00 p.m. – 03:00 p.m.	56.6	84.7	46.2
03:00 p.m. – 04:00 p.m.	51.7	67.3	46.2
04:00 p.m. – 05:00 p.m.	58.2	87.8	48.0
05:00 p.m. – 06:00 p.m.	59.6	78.8	54.7
06:00 p.m. – 07:00 p.m.	54.9	78.1	46.6
07:00 p.m. – 08:00 p.m.	59.1	79.2	49.2
08:00 p.m. – 09:00 p.m.	56.9	77.1	49.5
09:00 p.m. – 10:00 p.m.	54.3	81.1	46.5
10:00 p.m. – 11:00 p.m.	47.8	61.9	46.1
11:00 p.m. – 00:00 p.m.	48.6	69.8	46.2
00:00 p.m. – 01:00 a.m.	50.8	70.9	46.5
01:00 a.m. – 02:00 a.m.	47.5	65.7	46.1
02:00 a.m. – 03:00 a.m.	47.5	67.1	45.7
03:00 a.m. – 04:00 a.m.	48.6	77.2	45.5
04:00 a.m. – 05:00 a.m.	47.8	62.8	45.6
05:00 a.m. – 06:00 a.m.	56.9	82.2	47.5
06:00 a.m. – 07:00 a.m.	52.3	69.6	48.2
07:00 a.m. – 08:00 a.m.	59.3	83.5	49.5
08:00 a.m. – 09:00 a.m.	54.7	77.1	47.7
09:00 a.m. – 10:00 a.m.	54.2	84.2	46.1
10:00 a.m. – 11:00 a.m.	49.6	70.8	45.4
11:00 a.m. – 12:00 a.m.	55.6	70.6	45.0
24 Hours Measured	55.0	87.8	47.8
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	59.0	-	-

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., LTD.
12/10/25
(Mr. Bhut Fakto)
Laboratory Approve

ANALYSIS REPORT

Analysis No. : NH 276/2568
Job No. : PCL 1250/68
Report Date : October 30, 2025

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 : ทิศเหนือ (Slope area)
GPS. Coordinate : UTM 47P 0719753 E, 1450837 N
Measured Date : October 19-20, 2025
Measured Instrument : Sound Level Meter ACO Model 6226 Serial Number 180044

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
12:00 a.m. – 01:00 p.m.	51.4	76.5	44.1
01:00 p.m. – 02:00 p.m.	49.5	69.6	44.7
02:00 p.m. – 03:00 p.m.	48.7	67.5	45.0
03:00 p.m. – 04:00 p.m.	51.0	74.6	45.5
04:00 p.m. – 05:00 p.m.	51.7	78.4	46.1
05:00 p.m. – 06:00 p.m.	57.4	77.8	52.0
06:00 p.m. – 07:00 p.m.	51.6	73.4	45.2
07:00 p.m. – 08:00 p.m.	55.1	76.9	45.1
08:00 p.m. – 09:00 p.m.	54.4	76.9	47.3
09:00 p.m. – 10:00 p.m.	51.7	77.9	47.6
10:00 p.m. – 11:00 p.m.	50.7	71.9	47.3
11:00 p.m. – 00:00 p.m.	49.6	70.8	46.8
00:00 p.m. – 01:00 a.m.	45.3	69.8	43.1
01:00 a.m. – 02:00 a.m.	50.2	72.5	47.0
02:00 a.m. – 03:00 a.m.	48.0	61.3	46.5
03:00 a.m. – 04:00 a.m.	48.8	65.5	46.7
04:00 a.m. – 05:00 a.m.	48.6	69.2	46.2
05:00 a.m. – 06:00 a.m.	51.3	70.0	47.5
06:00 a.m. – 07:00 a.m.	57.2	86.6	49.9
07:00 a.m. – 08:00 a.m.	62.7	81.9	55.1
08:00 a.m. – 09:00 a.m.	58.1	88.3	51.2
09:00 a.m. – 10:00 a.m.	59.8	92.4	50.8
10:00 a.m. – 11:00 a.m.	56.7	79.9	52.1
11:00 a.m. – 12:00 a.m.	55.2	72.7	50.8
24 Hours Measured	54.9	92.4	48.8
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	58.0	-	-

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., LTD.
PCL
(Mr. Rhus Fakto)
Laboratory Approve

ANALYSIS REPORT

Analysis No. : NH 276/2568
Job No. : PCL 1250/68
Report Date : October 30, 2025

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 : ทิศเหนือ (Slope area)
GPS. Coordinate : UTM 47P 0719753 E, 1450837 N
Measured Date : October 20-21, 2025
Measured Instrument : Sound Level Meter ACO Model 6226 Serial Number 180044

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
12:00 a.m. – 01:00 p.m.	56.8	80.4	49.6
01:00 p.m. – 02:00 p.m.	58.1	75.6	53.8
02:00 p.m. – 03:00 p.m.	60.7	98.8	49.8
03:00 p.m. – 04:00 p.m.	55.3	73.3	49.3
04:00 p.m. – 05:00 p.m.	56.2	76.4	50.5
05:00 p.m. – 06:00 p.m.	60.9	81.2	55.5
06:00 p.m. – 07:00 p.m.	56.8	83.2	48.2
07:00 p.m. – 08:00 p.m.	60.0	83.2	50.3
08:00 p.m. – 09:00 p.m.	58.7	79.0	51.7
09:00 p.m. – 10:00 p.m.	63.1	79.2	60.8
10:00 p.m. – 11:00 p.m.	56.0	81.2	50.0
11:00 p.m. – 00:00 p.m.	55.1	81.2	49.7
00:00 p.m. – 01:00 a.m.	48.7	65.0	45.6
01:00 a.m. – 02:00 a.m.	55.5	75.1	49.7
02:00 a.m. – 03:00 a.m.	55.5	74.8	49.8
03:00 a.m. – 04:00 a.m.	52.3	73.3	47.9
04:00 a.m. – 05:00 a.m.	50.4	73.3	46.9
05:00 a.m. – 06:00 a.m.	55.9	77.4	48.4
06:00 a.m. – 07:00 a.m.	57.4	83.1	50.0
07:00 a.m. – 08:00 a.m.	62.7	81.5	55.4
08:00 a.m. – 09:00 a.m.	58.2	78.7	51.9
09:00 a.m. – 10:00 a.m.	56.9	77.2	52.0
10:00 a.m. – 11:00 a.m.	58.4	79.2	53.9
11:00 a.m. – 12:00 a.m.	57.8	73.5	53.9
24 Hours Measured	58.1	98.8	52.6
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	63.5	-	-

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)


(Mr. Rnus Fakto)
Laboratory Approve

ANALYSIS REPORT

Analysis No. : NH 276/2568

Job No. : PCL 1250/68

Report Date : October 30, 2025

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)
GPS. Coordinate : UTM 47P 0719670 E, 1450455 N
Measured Date : October 14-15, 2025
Measured Instrument : Sound Level Meter ACO Model 6226 Serial Number 200042

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
12:00 a.m. – 01:00 p.m.	46.6	75.0	43.1
01:00 p.m. – 02:00 p.m.	60.3	71.7	55.6
02:00 p.m. – 03:00 p.m.	53.3	79.5	49.4
03:00 p.m. – 04:00 p.m.	50.3	71.8	46.7
04:00 p.m. – 05:00 p.m.	48.0	61.1	46.4
05:00 p.m. – 06:00 p.m.	47.8	57.4	46.2
06:00 p.m. – 07:00 p.m.	50.3	70.0	49.0
07:00 p.m. – 08:00 p.m.	50.2	70.0	48.8
08:00 p.m. – 09:00 p.m.	49.9	63.6	48.8
09:00 p.m. – 10:00 p.m.	50.2	63.6	48.6
10:00 p.m. – 11:00 p.m.	50.1	68.6	48.2
11:00 p.m. – 00:00 p.m.	49.5	64.6	47.6
00:00 p.m. – 01:00 a.m.	46.3	51.7	45.2
01:00 a.m. – 02:00 a.m.	49.5	65.8	47.5
02:00 a.m. – 03:00 a.m.	49.2	65.3	47.3
03:00 a.m. – 04:00 a.m.	49.8	74.3	47.1
04:00 a.m. – 05:00 a.m.	48.3	68.9	46.1
05:00 a.m. – 06:00 a.m.	48.9	75.8	46.2
06:00 a.m. – 07:00 a.m.	49.7	65.2	47.1
07:00 a.m. – 08:00 a.m.	47.9	64.3	45.7
08:00 a.m. – 09:00 a.m.	47.1	66.3	44.4
09:00 a.m. – 10:00 a.m.	46.9	68.1	43.4
10:00 a.m. – 11:00 a.m.	47.7	67.7	43.9
11:00 a.m. – 12:00 a.m.	48.1	75.8	44.6
24 Hours Measured	51.0	79.5	48.0
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	56.1	-	-

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.

(Mr. Anus Fakto)
Laboratory Approve

ANALYSIS REPORT

Analysis No. : NH 276/2568
Job No. : PCL 1250/68
Report Date : October 30, 2025

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)
GPS. Coordinate : UTM 47P 0719670 E, 1450455 N
Measured Date : October 15-16, 2025
Measured Instrument : Sound Level Meter ACO Model 6226 Serial Number 200042

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
12:00 a.m. – 01:00 p.m.	46.3	64.3	44.3
01:00 p.m. – 02:00 p.m.	62.3	82.4	58.8
02:00 p.m. – 03:00 p.m.	58.9	84.5	50.8
03:00 p.m. – 04:00 p.m.	52.0	73.1	47.4
04:00 p.m. – 05:00 p.m.	49.9	70.7	47.4
05:00 p.m. – 06:00 p.m.	55.8	75.3	49.0
06:00 p.m. – 07:00 p.m.	57.5	75.5	50.3
07:00 p.m. – 08:00 p.m.	55.7	70.6	54.9
08:00 p.m. – 09:00 p.m.	56.1	78.5	54.5
09:00 p.m. – 10:00 p.m.	55.6	75.7	51.4
10:00 p.m. – 11:00 p.m.	50.1	70.1	48.3
11:00 p.m. – 00:00 p.m.	49.2	67.6	47.3
00:00 p.m. – 01:00 a.m.	48.3	69.9	45.6
01:00 a.m. – 02:00 a.m.	52.4	79.3	48.2
02:00 a.m. – 03:00 a.m.	49.9	72.7	47.9
03:00 a.m. – 04:00 a.m.	49.1	65.9	47.2
04:00 a.m. – 05:00 a.m.	51.3	75.6	46.6
05:00 a.m. – 06:00 a.m.	54.1	76.7	46.7
06:00 a.m. – 07:00 a.m.	52.7	74.3	49.3
07:00 a.m. – 08:00 a.m.	51.2	68.7	47.9
08:00 a.m. – 09:00 a.m.	67.3	102.3	46.3
09:00 a.m. – 10:00 a.m.	58.1	83.9	44.2
10:00 a.m. – 11:00 a.m.	60.0	80.9	45.0
11:00 a.m. – 12:00 a.m.	47.9	72.7	45.0
24 Hours Measured	57.4	102.3	50.4
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	60.3	-	-

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)


(Mr. Rnus Fakto)
Laboratory Approve

ANALYSIS REPORT

Analysis No. : NH 276/2568
Job No. : PCL 1250/68
Report Date : October 30, 2025

Customer Name : บริษัท ไอจี ฟอรัจ (ไทยแลนด์) จำกัด
Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอสรีราชา จังหวัดชลบุรี 20110
Sampling Source : Community Noise
Sampling Location : ทิศใต้ (บริเวณหลังลาน Emer)
GPS. Coordinate : UTM 47P 0719670 E, 1450455 N
Measured Date : October 16-17, 2025
Measured Instrument : Sound Level Meter ACO Model 6226 Serial Number 200042

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
12:00 a.m. – 01:00 p.m.	47.1	71.9	44.4
01:00 p.m. – 02:00 p.m.	47.4	62.9	45.0
02:00 p.m. – 03:00 p.m.	49.5	74.8	44.5
03:00 p.m. – 04:00 p.m.	47.5	74.0	45.0
04:00 p.m. – 05:00 p.m.	48.1	62.0	46.1
05:00 p.m. – 06:00 p.m.	60.5	98.3	46.5
06:00 p.m. – 07:00 p.m.	48.8	66.0	47.4
07:00 p.m. – 08:00 p.m.	52.4	72.3	48.6
08:00 p.m. – 09:00 p.m.	49.3	77.6	47.4
09:00 p.m. – 10:00 p.m.	49.4	67.4	48.1
10:00 p.m. – 11:00 p.m.	53.4	73.2	47.6
11:00 p.m. – 00:00 p.m.	50.5	75.1	47.2
00:00 p.m. – 01:00 a.m.	51.9	75.1	44.7
01:00 a.m. – 02:00 a.m.	49.3	70.0	47.4
02:00 a.m. – 03:00 a.m.	48.6	70.0	46.7
03:00 a.m. – 04:00 a.m.	47.5	71.5	45.8
04:00 a.m. – 05:00 a.m.	47.2	60.6	46.0
05:00 a.m. – 06:00 a.m.	51.6	73.2	46.9
06:00 a.m. – 07:00 a.m.	56.1	90.0	47.6
07:00 a.m. – 08:00 a.m.	61.7	84.5	48.4
08:00 a.m. – 09:00 a.m.	59.2	82.7	46.3
09:00 a.m. – 10:00 a.m.	59.9	98.0	45.7
10:00 a.m. – 11:00 a.m.	52.0	75.3	47.4
11:00 a.m. – 12:00 a.m.	52.3	70.9	48.1
24 Hours Measured	54.5	98.3	46.8
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	58.1	-	-

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)


(Mr. Rnus Fakto)
Laboratory Approve

ANALYSIS REPORT

Analysis No. : NH 276/2568
Job No. : PCL 1250/68
Report Date : October 30, 2025

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)
GPS. Coordinate : UTM 47P 0719670 E, 1450455 N
Measured Date : October 17-18, 2025
Measured Instrument : Sound Level Meter ACO Model 6226 Serial Number 200042

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
12:00 a.m. – 01:00 p.m.	46.8	71.1	43.0
01:00 p.m. – 02:00 p.m.	47.8	75.2	45.0
02:00 p.m. – 03:00 p.m.	48.1	60.2	45.3
03:00 p.m. – 04:00 p.m.	47.4	66.9	45.4
04:00 p.m. – 05:00 p.m.	51.8	74.3	43.8
05:00 p.m. – 06:00 p.m.	46.3	71.5	43.5
06:00 p.m. – 07:00 p.m.	47.6	71.2	44.6
07:00 p.m. – 08:00 p.m.	50.9	77.8	45.5
08:00 p.m. – 09:00 p.m.	47.6	64.4	46.3
09:00 p.m. – 10:00 p.m.	47.8	61.4	46.6
10:00 p.m. – 11:00 p.m.	48.4	73.4	46.2
11:00 p.m. – 00:00 p.m.	47.3	61.0	45.9
00:00 p.m. – 01:00 a.m.	45.7	61.6	44.6
01:00 a.m. – 02:00 a.m.	49.3	72.0	46.9
02:00 a.m. – 03:00 a.m.	49.1	72.5	47.0
03:00 a.m. – 04:00 a.m.	50.9	74.2	47.3
04:00 a.m. – 05:00 a.m.	48.0	67.2	45.3
05:00 a.m. – 06:00 a.m.	45.5	64.3	44.1
06:00 a.m. – 07:00 a.m.	47.2	68.1	45.2
07:00 a.m. – 08:00 a.m.	54.0	80.8	45.4
08:00 a.m. – 09:00 a.m.	47.1	66.2	44.2
09:00 a.m. – 10:00 a.m.	59.7	82.4	43.5
10:00 a.m. – 11:00 a.m.	47.2	71.3	44.1
11:00 a.m. – 12:00 a.m.	47.4	75.5	42.9
24 Hours Measured	50.5	82.4	45.2
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	55.3	-	-

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)


(Mr. Rnus Fakto).
Laboratory Approve

ANALYSIS REPORT

Analysis No. : NH 276/2568
Job No. : PCL 1250/68
Report Date : October 30, 2025

Customer Name : บริษัท ไอจี ฟอรัจ (ไทยแลนด์) จำกัด
Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอสรีราชา จังหวัดชลบุรี 20110
Sampling Source : Community Noise
Sampling Location : ทิศใต้ (บริเวณหลังลาน Emer)
GPS. Coordinate : UTM 47P 0719670 E, 1450455 N
Measured Date : October 18-19, 2025
Measured Instrument : Sound Level Meter ACO Model 6226 Serial Number 200042

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
12:00 a.m. – 01:00 p.m.	44.8	65.7	39.5
01:00 p.m. – 02:00 p.m.	54.1	74.8	47.0
02:00 p.m. – 03:00 p.m.	51.7	72.6	45.8
03:00 p.m. – 04:00 p.m.	51.8	74.4	44.6
04:00 p.m. – 05:00 p.m.	48.5	66.1	43.1
05:00 p.m. – 06:00 p.m.	56.3	67.6	53.6
06:00 p.m. – 07:00 p.m.	49.7	73.9	45.4
07:00 p.m. – 08:00 p.m.	47.6	56.7	45.7
08:00 p.m. – 09:00 p.m.	49.5	72.4	46.5
09:00 p.m. – 10:00 p.m.	49.0	72.4	46.4
10:00 p.m. – 11:00 p.m.	47.4	70.4	46.0
11:00 p.m. – 00:00 p.m.	48.1	58.6	46.6
00:00 p.m. – 01:00 a.m.	46.7	64.9	44.7
01:00 a.m. – 02:00 a.m.	48.7	62.0	46.9
02:00 a.m. – 03:00 a.m.	48.8	64.8	47.0
03:00 a.m. – 04:00 a.m.	49.0	65.9	47.2
04:00 a.m. – 05:00 a.m.	48.2	61.5	46.5
05:00 a.m. – 06:00 a.m.	48.6	70.0	46.0
06:00 a.m. – 07:00 a.m.	60.8	83.8	47.8
07:00 a.m. – 08:00 a.m.	49.0	70.1	46.0
08:00 a.m. – 09:00 a.m.	46.8	66.7	44.5
09:00 a.m. – 10:00 a.m.	48.5	66.9	44.5
10:00 a.m. – 11:00 a.m.	47.5	72.7	43.7
11:00 a.m. – 12:00 a.m.	46.3	64.8	42.6
24 Hours Measured	51.6	83.8	46.6
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	55.7	-	-

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.
(Mr. Brus Fakto)
Laboratory Approve

ANALYSIS REPORT

Analysis No. : NH 276/2568
Job No. : PCL 1250/68
Report Date : October 30, 2025

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)
GPS. Coordinate : UTM 47P 0719670 E, 1450455 N
Measured Date : October 19-20, 2025
Measured Instrument : Sound Level Meter ACO Model 6226 Serial Number 200042

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
12:00 a.m. – 01:00 p.m.	44.6	60.0	40.9
01:00 p.m. – 02:00 p.m.	48.6	72.7	44.2
02:00 p.m. – 03:00 p.m.	48.7	68.7	44.4
03:00 p.m. – 04:00 p.m.	50.6	78.4	45.0
04:00 p.m. – 05:00 p.m.	47.0	65.6	44.2
05:00 p.m. – 06:00 p.m.	46.7	70.3	44.4
06:00 p.m. – 07:00 p.m.	49.1	62.7	47.0
07:00 p.m. – 08:00 p.m.	49.9	70.4	46.6
08:00 p.m. – 09:00 p.m.	57.2	81.5	46.9
09:00 p.m. – 10:00 p.m.	49.0	63.5	47.1
10:00 p.m. – 11:00 p.m.	48.2	69.1	46.3
11:00 p.m. – 00:00 p.m.	47.2	65.3	45.4
00:00 p.m. – 01:00 a.m.	49.0	75.8	45.3
01:00 a.m. – 02:00 a.m.	48.6	64.0	47.0
02:00 a.m. – 03:00 a.m.	48.0	64.7	46.6
03:00 a.m. – 04:00 a.m.	48.3	63.4	46.7
04:00 a.m. – 05:00 a.m.	47.4	58.2	46.1
05:00 a.m. – 06:00 a.m.	46.8	66.9	45.0
06:00 a.m. – 07:00 a.m.	48.5	65.8	46.7
07:00 a.m. – 08:00 a.m.	49.7	64.1	47.4
08:00 a.m. – 09:00 a.m.	53.2	79.0	46.4
09:00 a.m. – 10:00 a.m.	49.3	66.9	47.1
10:00 a.m. – 11:00 a.m.	47.5	58.7	45.9
11:00 a.m. – 12:00 a.m.	49.7	77.6	46.5
24 Hours Measured	49.8	81.5	46.0
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	55.0	-	-

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)


(Mr. Brus Fakto)
Laboratory Approve

ANALYSIS REPORT

Analysis No. : NH 276/2568

Job No. : PCL 1250/68

Report Date : October 30, 2025

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)
GPS. Coordinate : UTM 47P 0719670 E, 1450455 N
Measured Date : October 20-21, 2025
Measured Instrument : Sound Level Meter ACO Model 6226 Serial Number 200042

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
12:00 a.m. – 01:00 p.m.	47.1	60.3	45.0
01:00 p.m. – 02:00 p.m.	48.8	64.6	47.1
02:00 p.m. – 03:00 p.m.	48.7	62.5	46.9
03:00 p.m. – 04:00 p.m.	47.0	61.0	45.6
04:00 p.m. – 05:00 p.m.	47.1	65.0	45.0
05:00 p.m. – 06:00 p.m.	48.6	70.3	45.6
06:00 p.m. – 07:00 p.m.	50.6	72.0	47.5
07:00 p.m. – 08:00 p.m.	48.6	64.0	47.5
08:00 p.m. – 09:00 p.m.	48.9	63.8	47.6
09:00 p.m. – 10:00 p.m.	64.5	80.6	62.6
10:00 p.m. – 11:00 p.m.	56.9	74.4	56.2
11:00 p.m. – 00:00 p.m.	55.6	64.1	55.0
00:00 p.m. – 01:00 a.m.	53.6	56.4	52.8
01:00 a.m. – 02:00 a.m.	52.0	70.7	50.6
02:00 a.m. – 03:00 a.m.	51.5	67.1	50.0
03:00 a.m. – 04:00 a.m.	50.7	66.7	49.4
04:00 a.m. – 05:00 a.m.	49.5	62.0	48.2
05:00 a.m. – 06:00 a.m.	48.5	62.9	46.7
06:00 a.m. – 07:00 a.m.	49.6	67.3	47.0
07:00 a.m. – 08:00 a.m.	50.5	67.3	48.0
08:00 a.m. – 09:00 a.m.	48.6	71.3	46.6
09:00 a.m. – 10:00 a.m.	48.9	62.9	46.8
10:00 a.m. – 11:00 a.m.	50.1	62.6	47.9
11:00 a.m. – 12:00 a.m.	50.1	62.6	47.8
24 Hours Measured	53.7	80.6	52.1
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.

(Mr. Anus Fakto)
Laboratory Approve

ANALYSIS REPORT

Analysis No. : NH 276/2568

Job No. : PCL 1250/68

Report Date : October 30, 2025

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)
GPS. Coordinate : UTM 47P 0719883 E, 1450714 N
Measured Date : October 14-15, 2025
Measured Instrument : Sound Level Meter ACO Model 6226 Serial Number 200032

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
12:00 a.m. – 01:00 p.m.	58.2	69.6	52.6
01:00 p.m. – 02:00 p.m.	60.8	83.4	55.8
02:00 p.m. – 03:00 p.m.	62.1	78.8	56.7
03:00 p.m. – 04:00 p.m.	61.9	87.7	56.1
04:00 p.m. – 05:00 p.m.	60.6	77.3	55.5
05:00 p.m. – 06:00 p.m.	59.5	76.3	54.6
06:00 p.m. – 07:00 p.m.	68.3	102.3	55.0
07:00 p.m. – 08:00 p.m.	59.1	83.6	54.1
08:00 p.m. – 09:00 p.m.	67.0	102.8	55.1
09:00 p.m. – 10:00 p.m.	59.6	69.6	55.8
10:00 p.m. – 11:00 p.m.	60.8	87.8	56.3
11:00 p.m. – 00:00 p.m.	59.9	85.4	55.5
00:00 p.m. – 01:00 a.m.	57.8	67.5	53.4
01:00 a.m. – 02:00 a.m.	60.3	87.1	55.5
02:00 a.m. – 03:00 a.m.	59.0	73.2	55.6
03:00 a.m. – 04:00 a.m.	59.4	71.8	55.9
04:00 a.m. – 05:00 a.m.	59.7	88.5	55.2
05:00 a.m. – 06:00 a.m.	59.1	75.8	54.4
06:00 a.m. – 07:00 a.m.	64.8	98.2	55.2
07:00 a.m. – 08:00 a.m.	64.4	98.2	53.8
08:00 a.m. – 09:00 a.m.	60.3	80.4	55.2
09:00 a.m. – 10:00 a.m.	61.1	81.2	55.8
10:00 a.m. – 11:00 a.m.	61.3	83.6	55.4
11:00 a.m. – 12:00 a.m.	60.7	81.5	55.6
24 Hours Measured	62.1	102.8	55.3
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	66.7	-	-

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 276/2568
Job No. : PCL 1250/68
Report Date : October 30, 2025

Customer Name : บริษัท ไอจี ฟอรัจ (ไทยแลนด์) จำกัด
Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภศรีราชา จังหวัดชลบุรี 20110
Sampling Source : Community Noise
Sampling Location : ทิศตะวันออก (บริเวณสนามฟุตบอล)
GPS. Coordinate : UTM 47P 0719883 E, 1450714 N
Measured Date : October 15-16, 2025
Measured Instrument : Sound Level Meter ACO Model 6226 Serial Number 200032

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
12:00 a.m. – 01:00 p.m.	57.9	81.7	54.0
01:00 p.m. – 02:00 p.m.	59.1	82.9	54.8
02:00 p.m. – 03:00 p.m.	59.0	73.2	55.2
03:00 p.m. – 04:00 p.m.	59.5	71.8	55.9
04:00 p.m. – 05:00 p.m.	60.0	75.1	55.1
05:00 p.m. – 06:00 p.m.	58.6	71.1	54.3
06:00 p.m. – 07:00 p.m.	60.4	88.8	55.0
07:00 p.m. – 08:00 p.m.	63.1	97.7	54.4
08:00 p.m. – 09:00 p.m.	57.8	80.1	53.9
09:00 p.m. – 10:00 p.m.	61.5	79.8	56.9
10:00 p.m. – 11:00 p.m.	62.6	94.0	56.6
11:00 p.m. – 00:00 p.m.	60.3	70.0	56.8
00:00 p.m. – 01:00 a.m.	57.6	67.2	53.3
01:00 a.m. – 02:00 a.m.	59.9	83.9	55.6
02:00 a.m. – 03:00 a.m.	58.8	73.4	55.1
03:00 a.m. – 04:00 a.m.	59.4	69.8	55.5
04:00 a.m. – 05:00 a.m.	59.7	88.5	55.2
05:00 a.m. – 06:00 a.m.	58.9	78.4	54.0
06:00 a.m. – 07:00 a.m.	59.8	80.6	54.8
07:00 a.m. – 08:00 a.m.	58.4	69.9	53.8
08:00 a.m. – 09:00 a.m.	60.1	80.4	54.9
09:00 a.m. – 10:00 a.m.	60.5	81.2	55.5
10:00 a.m. – 11:00 a.m.	59.8	71.0	54.7
11:00 a.m. – 12:00 a.m.	60.0	69.8	54.8
24 Hours Measured	59.9	97.7	55.1
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.

(Mr. Rnus Fakto)
PCL
Laboratory Approve

ANALYSIS REPORT

Analysis No. : NH 276/2568
Job No. : PCL 1250/68
Report Date : October 30, 2025

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)
GPS. Coordinate : UTM 47P 0719883 E, 1450714 N
Measured Date : October 16-17, 2025
Measured Instrument : Sound Level Meter ACO Model 6226 Serial Number 200032

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
12:00 a.m. – 01:00 p.m.	59.8	71.0	54.7
01:00 p.m. – 02:00 p.m.	62.3	95.9	54.9
02:00 p.m. – 03:00 p.m.	58.5	75.0	55.0
03:00 p.m. – 04:00 p.m.	58.9	82.9	54.7
04:00 p.m. – 05:00 p.m.	58.9	82.2	54.0
05:00 p.m. – 06:00 p.m.	57.9	71.1	53.7
06:00 p.m. – 07:00 p.m.	63.3	97.7	55.1
07:00 p.m. – 08:00 p.m.	58.5	77.1	54.0
08:00 p.m. – 09:00 p.m.	57.7	80.1	54.1
09:00 p.m. – 10:00 p.m.	61.7	79.8	57.0
10:00 p.m. – 11:00 p.m.	62.5	94.0	56.5
11:00 p.m. – 00:00 p.m.	60.2	70.0	56.6
00:00 p.m. – 01:00 a.m.	57.7	69.4	53.3
01:00 a.m. – 02:00 a.m.	60.1	83.9	55.7
02:00 a.m. – 03:00 a.m.	58.8	73.4	55.1
03:00 a.m. – 04:00 a.m.	59.1	72.7	54.8
04:00 a.m. – 05:00 a.m.	58.8	72.4	54.1
05:00 a.m. – 06:00 a.m.	58.7	78.4	53.8
06:00 a.m. – 07:00 a.m.	59.8	80.6	54.8
07:00 a.m. – 08:00 a.m.	59.4	85.0	53.8
08:00 a.m. – 09:00 a.m.	59.1	69.8	54.4
09:00 a.m. – 10:00 a.m.	59.9	71.0	54.7
10:00 a.m. – 11:00 a.m.	60.0	81.1	54.7
11:00 a.m. – 12:00 a.m.	59.7	77.0	54.5
24 Hours Measured	59.9	97.7	54.9
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	66.4	-	-

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)

PACIFIC LABORATORY CO., LTD.
PCL
(Mr. Brus Fakto)
Laboratory Approve

ANALYSIS REPORT

Analysis No. : NH 276/2568
Job No. : PCL 1250/68
Report Date : October 30, 2025

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)
GPS. Coordinate : UTM 47P 0719883 E, 1450714 N
Measured Date : October 17-18, 2025
Measured Instrument : Sound Level Meter ACO Model 6226 Serial Number 200032

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
12:00 a.m. – 01:00 p.m.	59.1	73.4	55.0
01:00 p.m. – 02:00 p.m.	59.0	78.4	54.3
02:00 p.m. – 03:00 p.m.	55.5	69.2	52.6
03:00 p.m. – 04:00 p.m.	57.4	86.9	53.1
04:00 p.m. – 05:00 p.m.	59.3	83.3	52.3
05:00 p.m. – 06:00 p.m.	59.2	74.7	51.8
06:00 p.m. – 07:00 p.m.	58.7	67.5	51.9
07:00 p.m. – 08:00 p.m.	58.1	66.6	52.3
08:00 p.m. – 09:00 p.m.	59.5	84.0	54.3
09:00 p.m. – 10:00 p.m.	60.2	80.5	55.8
10:00 p.m. – 11:00 p.m.	59.9	78.7	55.8
11:00 p.m. – 00:00 p.m.	59.3	79.7	55.7
00:00 p.m. – 01:00 a.m.	57.5	67.0	53.3
01:00 a.m. – 02:00 a.m.	60.3	80.2	55.2
02:00 a.m. – 03:00 a.m.	60.3	80.2	55.8
03:00 a.m. – 04:00 a.m.	61.2	85.2	56.1
04:00 a.m. – 05:00 a.m.	58.5	86.9	53.3
05:00 a.m. – 06:00 a.m.	56.3	66.1	52.3
06:00 a.m. – 07:00 a.m.	56.6	66.3	52.6
07:00 a.m. – 08:00 a.m.	57.8	83.0	52.6
08:00 a.m. – 09:00 a.m.	57.9	66.1	51.9
09:00 a.m. – 10:00 a.m.	51.0	65.8	45.8
10:00 a.m. – 11:00 a.m.	45.9	61.6	43.5
11:00 a.m. – 12:00 a.m.	50.1	86.8	42.8
24 Hours Measured	58.4	86.9	53.5
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	65.7	-	-

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.

(Mr. Rhus Fakto)
Laboratory Approve

ANALYSIS REPORT

Analysis No. : NH 276/2568
Job No. : PCL 1250/68
Report Date : October 30, 2025

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)
GPS. Coordinate : UTM 47P 0719883 E, 1450714 N
Measured Date : October 18-19, 2025
Measured Instrument : Sound Level Meter ACO Model 6226 Serial Number 200032

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
12:00 a.m. – 01:00 p.m.	45.6	59.6	42.3
01:00 p.m. – 02:00 p.m.	48.3	65.9	44.7
02:00 p.m. – 03:00 p.m.	53.1	69.1	49.1
03:00 p.m. – 04:00 p.m.	47.3	62.7	43.6
04:00 p.m. – 05:00 p.m.	45.7	61.4	42.1
05:00 p.m. – 06:00 p.m.	57.0	67.5	52.0
06:00 p.m. – 07:00 p.m.	57.3	71.7	52.5
07:00 p.m. – 08:00 p.m.	58.0	67.0	53.3
08:00 p.m. – 09:00 p.m.	57.5	68.3	53.8
09:00 p.m. – 10:00 p.m.	55.8	66.4	53.9
10:00 p.m. – 11:00 p.m.	52.5	67.7	51.4
11:00 p.m. – 00:00 p.m.	53.2	63.4	52.2
00:00 p.m. – 01:00 a.m.	53.8	63.7	52.1
01:00 a.m. – 02:00 a.m.	53.2	63.9	52.2
02:00 a.m. – 03:00 a.m.	53.1	67.4	52.1
03:00 a.m. – 04:00 a.m.	53.1	67.4	52.1
04:00 a.m. – 05:00 a.m.	53.0	63.5	51.9
05:00 a.m. – 06:00 a.m.	53.4	63.5	52.0
06:00 a.m. – 07:00 a.m.	53.2	63.5	52.2
07:00 a.m. – 08:00 a.m.	54.0	65.0	52.2
08:00 a.m. – 09:00 a.m.	53.6	65.5	51.6
09:00 a.m. – 10:00 a.m.	53.5	65.6	51.0
10:00 a.m. – 11:00 a.m.	52.8	73.7	50.5
11:00 a.m. – 12:00 a.m.	53.5	80.6	50.1
24 Hours Measured	54.0	80.6	51.4
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	60.1	-	-

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)


(Mr. Riis Fakto)
Laboratory Approve

ANALYSIS REPORT

Analysis No. : NH 276/2568
Job No. : PCL 1250/68
Report Date : October 30, 2025

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)
GPS. Coordinate : UTM 47P 0719883 E, 1450714 N
Measured Date : October 19-20, 2025
Measured Instrument : Sound Level Meter ACO Model 6226 Serial Number 200032

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
12:00 a.m. – 01:00 p.m.	52.3	63.6	50.0
01:00 p.m. – 02:00 p.m.	54.9	83.4	50.5
02:00 p.m. – 03:00 p.m.	54.8	82.7	50.6
03:00 p.m. – 04:00 p.m.	52.9	67.4	50.7
04:00 p.m. – 05:00 p.m.	53.5	73.9	50.7
05:00 p.m. – 06:00 p.m.	54.3	86.6	50.6
06:00 p.m. – 07:00 p.m.	52.8	68.2	51.1
07:00 p.m. – 08:00 p.m.	53.5	63.6	51.7
08:00 p.m. – 09:00 p.m.	57.4	88.4	52.5
09:00 p.m. – 10:00 p.m.	55.2	65.9	53.2
10:00 p.m. – 11:00 p.m.	55.4	67.8	53.4
11:00 p.m. – 00:00 p.m.	55.1	66.1	53.1
00:00 p.m. – 01:00 a.m.	53.3	71.1	51.4
01:00 a.m. – 02:00 a.m.	57.0	84.5	53.5
02:00 a.m. – 03:00 a.m.	56.6	77.6	53.5
03:00 a.m. – 04:00 a.m.	56.2	67.6	53.0
04:00 a.m. – 05:00 a.m.	55.6	69.8	53.0
05:00 a.m. – 06:00 a.m.	56.2	86.5	52.1
06:00 a.m. – 07:00 a.m.	55.8	67.8	53.1
07:00 a.m. – 08:00 a.m.	55.7	84.9	52.0
08:00 a.m. – 09:00 a.m.	55.7	71.2	52.8
09:00 a.m. – 10:00 a.m.	56.7	84.0	53.1
10:00 a.m. – 11:00 a.m.	55.8	71.5	52.8
11:00 a.m. – 12:00 a.m.	61.7	96.0	52.6
24 Hours Measured	55.9	96.0	52.3
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	62.2	-	-

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)


(Mr. Inus Fakto)
Laboratory Approve

ANALYSIS REPORT

Analysis No. : NH 276/2568
Job No. : PCL 1250/68
Report Date : October 30, 2025

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)
GPS. Coordinate : UTM 47P 0719883 E, 1450714 N
Measured Date : October 20-21, 2025
Measured Instrument : Sound Level Meter ACO Model 6226 Serial Number 200032

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
12:00 a.m. – 01:00 p.m.	53.2	69.2	50.8
01:00 p.m. – 02:00 p.m.	56.2	75.8	53.0
02:00 p.m. – 03:00 p.m.	56.2	69.5	53.6
03:00 p.m. – 04:00 p.m.	57.5	68.4	53.6
04:00 p.m. – 05:00 p.m.	59.5	85.5	54.3
05:00 p.m. – 06:00 p.m.	62.2	93.7	54.7
06:00 p.m. – 07:00 p.m.	60.1	89.7	54.0
07:00 p.m. – 08:00 p.m.	58.5	85.9	52.8
08:00 p.m. – 09:00 p.m.	59.8	78.0	55.0
09:00 p.m. – 10:00 p.m.	66.9	88.1	64.7
10:00 p.m. – 11:00 p.m.	61.1	87.3	57.4
11:00 p.m. – 00:00 p.m.	60.2	78.3	56.8
00:00 p.m. – 01:00 a.m.	59.2	67.6	54.4
01:00 a.m. – 02:00 a.m.	61.1	89.0	56.1
02:00 a.m. – 03:00 a.m.	59.3	80.9	55.5
03:00 a.m. – 04:00 a.m.	58.9	71.8	55.7
04:00 a.m. – 05:00 a.m.	58.6	71.3	54.6
05:00 a.m. – 06:00 a.m.	58.5	74.8	54.4
06:00 a.m. – 07:00 a.m.	59.6	85.8	55.2
07:00 a.m. – 08:00 a.m.	59.8	86.3	54.4
08:00 a.m. – 09:00 a.m.	59.3	83.8	54.5
09:00 a.m. – 10:00 a.m.	58.4	85.7	54.6
10:00 a.m. – 11:00 a.m.	57.0	80.8	54.1
11:00 a.m. – 12:00 a.m.	59.0	84.2	54.4
24 Hours Measured	60.0	93.7	56.1
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	67.5	-	-

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)


(Mr. Rnus Fakto)
Laboratory Approve

ANALYSIS REPORT

Analysis No. : NH 276/2568
Job No. : PCL 1250/68
Report Date : October 30, 2025

Customer Name : บริษัท ไอจี ฟอรัจ (ไทยแลนด์) จำกัด
Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภศรีราชา จังหวัดชลบุรี 20110
Sampling Source : Community Noise
Sampling Location : ทิศตะวันตก (บริเวณบ่อบม ปรก. 1)
GPS. Coordinate : UTM 47P 0719649 E, 1450637 N
Measured Date : October 14-15, 2025
Measured Instrument : Sound Level Meter ACO Model 6226 Serial Number 180048

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
12:00 a.m. - 01:00 p.m.	60.9	88.1	56.4
01:00 p.m. - 02:00 p.m.	63.9	87.0	58.7
02:00 p.m. - 03:00 p.m.	64.6	83.8	60.1
03:00 p.m. - 04:00 p.m.	63.9	86.0	60.4
04:00 p.m. - 05:00 p.m.	63.8	85.5	59.3
05:00 p.m. - 06:00 p.m.	64.2	83.2	58.4
06:00 p.m. - 07:00 p.m.	63.9	84.7	59.2
07:00 p.m. - 08:00 p.m.	64.5	82.9	58.3
08:00 p.m. - 09:00 p.m.	68.2	83.3	63.8
09:00 p.m. - 10:00 p.m.	70.4	83.4	65.8
10:00 p.m. - 11:00 p.m.	70.9	81.9	65.9
11:00 p.m. - 00:00 p.m.	70.2	93.0	65.0
00:00 p.m. - 01:00 a.m.	58.0	76.5	54.0
01:00 a.m. - 02:00 a.m.	70.8	92.9	65.5
02:00 a.m. - 03:00 a.m.	71.2	80.8	66.4
03:00 a.m. - 04:00 a.m.	70.8	80.9	65.8
04:00 a.m. - 05:00 a.m.	69.0	97.1	63.5
05:00 a.m. - 06:00 a.m.	67.6	82.9	62.6
06:00 a.m. - 07:00 a.m.	71.1	87.2	66.2
07:00 a.m. - 08:00 a.m.	67.5	83.6	62.8
08:00 a.m. - 09:00 a.m.	63.7	87.1	57.6
09:00 a.m. - 10:00 a.m.	63.0	87.1	57.9
10:00 a.m. - 11:00 a.m.	65.9	92.3	61.8
11:00 a.m. - 12:00 a.m.	63.7	78.2	61.3
24 Hours Measured	67.7	97.1	62.8
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	75.8	-	-

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)


(Mr. Prus Fakto)
Laboratory Approve

ANALYSIS REPORT

Analysis No. : NH 276/2568
Job No. : PCL 1250/68
Report Date : October 30, 2025

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 : ทิศตะวันตก (บริเวณป้อม รปภ. 1)
GPS. Coordinate : UTM 47P 0719649 E, 1450637 N
Measured Date : October 15-16, 2025
Measured Instrument : Sound Level Meter ACO Model 6226 Serial Number 180048

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
12:00 a.m. – 01:00 p.m.	61.2	83.1	52.7
01:00 p.m. – 02:00 p.m.	69.9	88.9	66.4
02:00 p.m. – 03:00 p.m.	69.8	88.8	64.9
03:00 p.m. – 04:00 p.m.	63.9	82.5	60.6
04:00 p.m. – 05:00 p.m.	63.6	89.5	58.9
05:00 p.m. – 06:00 p.m.	64.5	86.1	58.9
06:00 p.m. – 07:00 p.m.	63.0	86.5	59.2
07:00 p.m. – 08:00 p.m.	65.1	84.2	59.2
08:00 p.m. – 09:00 p.m.	67.3	87.8	63.4
09:00 p.m. – 10:00 p.m.	66.1	84.0	63.0
10:00 p.m. – 11:00 p.m.	66.1	86.7	62.7
11:00 p.m. – 00:00 p.m.	65.1	85.1	61.1
00:00 p.m. – 01:00 a.m.	56.9	77.2	53.8
01:00 a.m. – 02:00 a.m.	70.5	79.4	65.9
02:00 a.m. – 03:00 a.m.	70.7	79.6	66.0
03:00 a.m. – 04:00 a.m.	70.2	82.2	65.6
04:00 a.m. – 05:00 a.m.	67.5	80.3	63.8
05:00 a.m. – 06:00 a.m.	66.9	87.0	62.4
06:00 a.m. – 07:00 a.m.	70.8	87.7	65.9
07:00 a.m. – 08:00 a.m.	69.4	86.5	64.7
08:00 a.m. – 09:00 a.m.	62.3	86.3	55.5
09:00 a.m. – 10:00 a.m.	62.7	85.7	57.4
10:00 a.m. – 11:00 a.m.	63.9	85.2	58.8
11:00 a.m. – 12:00 a.m.	61.1	83.9	57.1
24 Hours Measured	67.1	89.5	62.7
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	74.2	-	-

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 276/2568
Job No. : PCL 1250/68
Report Date : October 30, 2025

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 : ทิศตะวันตก (บริเวณป้อม รปภ. 1)
GPS. Coordinate : UTM 47P 0719649 E, 1450637 N
Measured Date : October 16-17, 2025
Measured Instrument : Sound Level Meter ACO Model 6226 Serial Number 180048

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
12:00 a.m. – 01:00 p.m.	60.7	89.1	52.8
01:00 p.m. – 02:00 p.m.	63.5	83.5	57.2
02:00 p.m. – 03:00 p.m.	65.0	90.9	60.8
03:00 p.m. – 04:00 p.m.	62.4	84.7	56.8
04:00 p.m. – 05:00 p.m.	60.1	90.6	53.9
05:00 p.m. – 06:00 p.m.	59.9	80.6	53.2
06:00 p.m. – 07:00 p.m.	60.4	86.6	55.9
07:00 p.m. – 08:00 p.m.	63.7	84.7	56.5
08:00 p.m. – 09:00 p.m.	66.5	80.6	62.1
09:00 p.m. – 10:00 p.m.	66.2	82.7	62.4
10:00 p.m. – 11:00 p.m.	61.8	85.0	57.9
11:00 p.m. – 00:00 p.m.	67.3	86.9	62.5
00:00 p.m. – 01:00 a.m.	57.2	77.1	52.9
01:00 a.m. – 02:00 a.m.	70.4	80.7	65.5
02:00 a.m. – 03:00 a.m.	70.6	81.5	65.3
03:00 a.m. – 04:00 a.m.	70.4	95.5	65.2
04:00 a.m. – 05:00 a.m.	63.6	91.8	58.3
05:00 a.m. – 06:00 a.m.	60.6	89.5	48.9
06:00 a.m. – 07:00 a.m.	60.7	91.5	51.6
07:00 a.m. – 08:00 a.m.	65.0	85.4	56.4
08:00 a.m. – 09:00 a.m.	66.0	85.4	59.7
09:00 a.m. – 10:00 a.m.	58.2	77.9	50.2
10:00 a.m. – 11:00 a.m.	54.8	74.1	48.1
11:00 a.m. – 12:00 a.m.	57.9	81.6	54.0
24 Hours Measured	65.0	95.5	59.7
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	73.3	-	-

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)


(Mr. Rnus Fakto)
Laboratory Approve

ANALYSIS REPORT

Analysis No. : NH 276/2568
Job No. : PCL 1250/68
Report Date : October 30, 2025

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 : ทิศตะวันตก (บริเวณบ่อม ปรก. 1)
GPS. Coordinate : UTM 47P 0719649 E, 1450637 N
Measured Date : October 17-18, 2025
Measured Instrument : Sound Level Meter ACO Model 6226 Serial Number 180048

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
12:00 a.m. – 01:00 p.m.	55.8	81.1	49.2
01:00 p.m. – 02:00 p.m.	61.2	87.0	54.8
02:00 p.m. – 03:00 p.m.	62.7	90.6	58.1
03:00 p.m. – 04:00 p.m.	60.2	90.9	54.4
04:00 p.m. – 05:00 p.m.	57.0	89.1	51.1
05:00 p.m. – 06:00 p.m.	56.2	75.0	50.3
06:00 p.m. – 07:00 p.m.	62.6	81.5	61.8
07:00 p.m. – 08:00 p.m.	63.9	78.7	62.2
08:00 p.m. – 09:00 p.m.	65.8	79.2	63.1
09:00 p.m. – 10:00 p.m.	64.5	82.5	60.8
10:00 p.m. – 11:00 p.m.	59.6	81.6	55.4
11:00 p.m. – 00:00 p.m.	64.9	82.7	59.9
00:00 p.m. – 01:00 a.m.	54.9	75.8	50.4
01:00 a.m. – 02:00 a.m.	68.2	79.0	62.9
02:00 a.m. – 03:00 a.m.	68.4	79.1	63.0
03:00 a.m. – 04:00 a.m.	68.1	91.6	62.9
04:00 a.m. – 05:00 a.m.	60.5	89.2	55.0
05:00 a.m. – 06:00 a.m.	56.3	85.2	45.7
06:00 a.m. – 07:00 a.m.	55.7	84.1	47.8
07:00 a.m. – 08:00 a.m.	60.2	78.5	52.8
08:00 a.m. – 09:00 a.m.	64.1	82.0	57.0
09:00 a.m. – 10:00 a.m.	55.3	75.2	47.2
10:00 a.m. – 11:00 a.m.	51.8	69.1	45.1
11:00 a.m. – 12:00 a.m.	56.3	85.4	47.4
24 Hours Measured	62.9	91.6	58.4
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	71.0	-	-

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)


(Mr. Rnus Fakto)
Laboratory Approve

ANALYSIS REPORT

Analysis No. : NH 276/2568
Job No. : PCL 1250/68
Report Date : October 30, 2025

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 : ทิศตะวันตก (บริเวณบ่อบำบัด รพ. 1)
GPS. Coordinate : UTM 47P 0719649 E, 1450637 N
Measured Date : October 18-19, 2025
Measured Instrument : Sound Level Meter ACO Model 6226 Serial Number 180048

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
12:00 a.m. – 01:00 p.m.	53.9	74.5	45.2
01:00 p.m. – 02:00 p.m.	58.8	86.3	46.2
02:00 p.m. – 03:00 p.m.	58.3	86.3	45.5
03:00 p.m. – 04:00 p.m.	58.2	87.4	49.2
04:00 p.m. – 05:00 p.m.	58.8	81.2	47.2
05:00 p.m. – 06:00 p.m.	61.1	81.8	54.6
06:00 p.m. – 07:00 p.m.	60.0	83.2	54.6
07:00 p.m. – 08:00 p.m.	61.9	86.9	54.7
08:00 p.m. – 09:00 p.m.	64.9	83.0	60.7
09:00 p.m. – 10:00 p.m.	68.9	80.1	64.5
10:00 p.m. – 11:00 p.m.	67.9	79.7	63.7
11:00 p.m. – 00:00 p.m.	69.7	79.3	64.8
00:00 p.m. – 01:00 a.m.	56.6	75.3	52.3
01:00 a.m. – 02:00 a.m.	70.2	79.3	65.3
02:00 a.m. – 03:00 a.m.	70.5	93.3	65.3
03:00 a.m. – 04:00 a.m.	70.6	93.2	65.5
04:00 a.m. – 05:00 a.m.	69.7	81.3	64.8
05:00 a.m. – 06:00 a.m.	67.9	84.5	62.8
06:00 a.m. – 07:00 a.m.	70.1	79.7	65.4
07:00 a.m. – 08:00 a.m.	66.0	89.1	57.0
08:00 a.m. – 09:00 a.m.	61.7	86.6	52.5
09:00 a.m. – 10:00 a.m.	63.9	87.4	53.6
10:00 a.m. – 11:00 a.m.	64.5	87.3	52.5
11:00 a.m. – 12:00 a.m.	57.8	83.5	48.4
24 Hours Measured	66.4	93.3	61.0
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	75.0	-	-

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)


(Mr. Rnus Fakto)
Laboratory Approve

ANALYSIS REPORT

Analysis No. : NH 276/2568
Job No. : PCL 1250/68
Report Date : October 30, 2025

Customer Name : บริษัท ไอจี ฟอรัจ (ไทยแลนด์) จำกัด
Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอสรีราชา จังหวัดชลบุรี 20110
Sampling Source : Community Noise
Sampling Location : ทิศตะวันตก (บริเวณบ่อบำบัด รพ. 1)
GPS. Coordinate : UTM 47P 0719649 E, 1450637 N
Measured Date : October 19-20, 2025
Measured Instrument : Sound Level Meter ACO Model 6226 Serial Number 180048

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
12:00 a.m. – 01:00 p.m.	55.6	83.5	46.3
01:00 p.m. – 02:00 p.m.	58.8	82.0	50.8
02:00 p.m. – 03:00 p.m.	61.6	88.6	53.3
03:00 p.m. – 04:00 p.m.	58.7	87.7	51.1
04:00 p.m. – 05:00 p.m.	56.5	81.5	48.5
05:00 p.m. – 06:00 p.m.	60.0	86.1	48.9
06:00 p.m. – 07:00 p.m.	57.7	80.4	54.4
07:00 p.m. – 08:00 p.m.	59.2	83.4	54.7
08:00 p.m. – 09:00 p.m.	66.0	79.5	61.5
09:00 p.m. – 10:00 p.m.	70.0	85.7	64.9
10:00 p.m. – 11:00 p.m.	70.0	79.4	65.0
11:00 p.m. – 00:00 p.m.	68.4	79.5	63.5
00:00 p.m. – 01:00 a.m.	58.4	75.7	52.5
01:00 a.m. – 02:00 a.m.	70.0	81.2	65.1
02:00 a.m. – 03:00 a.m.	68.1	79.8	63.8
03:00 a.m. – 04:00 a.m.	69.5	80.1	64.7
04:00 a.m. – 05:00 a.m.	69.0	86.2	64.2
05:00 a.m. – 06:00 a.m.	60.2	78.6	55.2
06:00 a.m. – 07:00 a.m.	68.0	89.8	63.5
07:00 a.m. – 08:00 a.m.	69.6	88.5	64.7
08:00 a.m. – 09:00 a.m.	66.2	87.4	59.8
09:00 a.m. – 10:00 a.m.	64.3	85.6	59.6
10:00 a.m. – 11:00 a.m.	65.2	95.5	60.9
11:00 a.m. – 12:00 a.m.	63.4	86.0	59.9
24 Hours Measured	66.2	95.5	61.3
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	74.4	-	-

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)


(Mr. Rnus Fakto)
Laboratory Approve

ANALYSIS REPORT

Analysis No. : NH 276/2568
Job No. : PCL 1250/68
Report Date : October 30, 2025

Customer Name : บริษัท ไอจี ฟอรัจ (ไทยแลนด์) จำกัด
Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมบึงทอง 2 ตำบลหนองขาม อำเภอสรีราชา จังหวัดชลบุรี 20110
Sampling Source : Community Noise
Sampling Location : ทิศตะวันตก (บริเวณป้อม รปภ. 1)
GPS. Coordinate : UTM 47P 0719649 E, 1450637 N
Measured Date : October 20-21, 2025
Measured Instrument : Sound Level Meter ACO Model 6226 Serial Number 180048

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
12:00 a.m. – 01:00 p.m.	60.5	86.1	52.1
01:00 p.m. – 02:00 p.m.	68.6	83.7	64.0
02:00 p.m. – 03:00 p.m.	70.4	88.2	65.7
03:00 p.m. – 04:00 p.m.	64.8	85.3	60.2
04:00 p.m. – 05:00 p.m.	61.6	82.4	57.1
05:00 p.m. – 06:00 p.m.	63.3	89.3	55.8
06:00 p.m. – 07:00 p.m.	62.2	88.2	57.1
07:00 p.m. – 08:00 p.m.	63.0	82.6	56.1
08:00 p.m. – 09:00 p.m.	68.0	85.6	63.6
09:00 p.m. – 10:00 p.m.	72.7	86.1	69.7
10:00 p.m. – 11:00 p.m.	70.2	87.2	66.0
11:00 p.m. – 00:00 p.m.	63.7	80.7	60.0
00:00 p.m. – 01:00 a.m.	55.8	87.1	52.3
01:00 a.m. – 02:00 a.m.	66.4	94.6	61.9
02:00 a.m. – 03:00 a.m.	70.7	87.3	66.7
03:00 a.m. – 04:00 a.m.	70.9	93.7	66.4
04:00 a.m. – 05:00 a.m.	67.9	81.7	64.2
05:00 a.m. – 06:00 a.m.	63.0	79.5	58.3
06:00 a.m. – 07:00 a.m.	64.9	90.4	59.9
07:00 a.m. – 08:00 a.m.	70.3	86.3	65.4
08:00 a.m. – 09:00 a.m.	65.5	86.6	59.3
09:00 a.m. – 10:00 a.m.	63.1	86.1	58.9
10:00 a.m. – 11:00 a.m.	63.9	89.2	59.5
11:00 a.m. – 12:00 a.m.	64.0	84.6	59.6
24 Hours Measured	67.3	94.6	63.0
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)


(Mr. Brusi Pakto)
Laboratory Approve

ANALYSIS REPORT

Analysis No. : NH 276/2568
Job No. : PCL 1250/68
Report Date : October 30, 2025

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 : บริเวณชุมชนหนองยายปู่
GPS. Coordinate : UTM 47P 0718846 E, 1451031 N
Measured Date : October 14-15, 2025
Measured Instrument : Sound Level Meter Scarlet Tech Model ST-11D Serial Number 820967

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
01:00 p.m. – 02:00 p.m.	51.8	81.1	46.7
02:00 p.m. – 03:00 p.m.	57.2	87.6	52.1
03:00 p.m. – 04:00 p.m.	53.1	82.2	50.0
04:00 p.m. – 05:00 p.m.	51.8	74.6	48.9
05:00 p.m. – 06:00 p.m.	51.2	74.7	48.4
06:00 p.m. – 07:00 p.m.	53.3	74.2	50.7
07:00 p.m. – 08:00 p.m.	51.1	75.9	48.5
08:00 p.m. – 09:00 p.m.	51.2	72.0	47.9
09:00 p.m. – 10:00 p.m.	47.1	58.9	45.6
10:00 p.m. – 11:00 p.m.	46.8	64.0	44.8
11:00 p.m. – 00:00 p.m.	46.4	64.2	44.0
00:00 p.m. – 01:00 a.m.	44.2	57.6	42.1
01:00 a.m. – 02:00 a.m.	45.9	80.7	43.4
02:00 a.m. – 03:00 a.m.	46.4	68.2	43.4
03:00 a.m. – 04:00 a.m.	46.5	77.5	43.6
04:00 a.m. – 05:00 a.m.	47.1	63.6	44.7
05:00 a.m. – 06:00 a.m.	48.6	67.5	45.4
06:00 a.m. – 07:00 a.m.	52.2	77.4	47.0
07:00 a.m. – 08:00 a.m.	52.1	76.9	45.3
08:00 a.m. – 09:00 a.m.	51.8	71.2	49.2
09:00 a.m. – 10:00 a.m.	50.5	68.3	46.9
10:00 a.m. – 11:00 a.m.	53.0	77.5	46.7
11:00 a.m. – 12:00 a.m.	50.8	76.9	44.3
12:00 a.m. – 01:00 p.m.	47.1	78.1	41.7
24 Hours Measured	51.0	87.6	47.2
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	54.5	-	-

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)


(Mr. Rhus Fakto)
Laboratory Approve

ANALYSIS REPORT

Analysis No. : NH 276/2568
Job No. : PCL 1250/68
Report Date : October 30, 2025

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 : บริเวณชุมชนหนองยายปู่
GPS. Coordinate : UTM 47P 0718846 E, 1451031 N
Measured Date : October 15-16, 2025
Measured Instrument : Sound Level Meter Scarlet Tech Model ST-11D Serial Number 820967

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
01:00 p.m. – 02:00 p.m.	63.9	84.4	59.4
02:00 p.m. – 03:00 p.m.	56.9	85.5	50.9
03:00 p.m. – 04:00 p.m.	52.1	73.0	49.3
04:00 p.m. – 05:00 p.m.	49.7	69.5	47.3
05:00 p.m. – 06:00 p.m.	55.9	85.3	50.1
06:00 p.m. – 07:00 p.m.	53.2	78.7	50.6
07:00 p.m. – 08:00 p.m.	54.3	70.7	53.1
08:00 p.m. – 09:00 p.m.	53.8	81.3	50.2
09:00 p.m. – 10:00 p.m.	50.1	58.9	47.8
10:00 p.m. – 11:00 p.m.	48.3	59.4	45.6
11:00 p.m. – 00:00 p.m.	47.3	54.9	44.8
00:00 p.m. – 01:00 a.m.	46.0	55.2	43.5
01:00 a.m. – 02:00 a.m.	46.0	61.4	43.8
02:00 a.m. – 03:00 a.m.	45.4	57.5	43.6
03:00 a.m. – 04:00 a.m.	45.6	66.2	42.8
04:00 a.m. – 05:00 a.m.	45.6	61.9	42.4
05:00 a.m. – 06:00 a.m.	48.1	60.2	45.4
06:00 a.m. – 07:00 a.m.	51.8	73.5	49.2
07:00 a.m. – 08:00 a.m.	51.9	74.3	47.0
08:00 a.m. – 09:00 a.m.	59.3	96.4	48.6
09:00 a.m. – 10:00 a.m.	53.5	79.7	49.1
10:00 a.m. – 11:00 a.m.	52.0	76.3	48.2
11:00 a.m. – 12:00 a.m.	51.7	80.0	47.7
12:00 a.m. – 01:00 p.m.	48.0	76.4	44.0
24 Hours Measured	54.3	96.4	49.9
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	56.5	-	-

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.
(Mr. Rous Fakto)
Laboratory Approve

ANALYSIS REPORT

Analysis No. : NH 276/2568
Job No. : PCL 1250/68
Report Date : October 30, 2025

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 : บริเวณชุมชนหนองยายบัว
GPS. Coordinate : UTM 47P 0718846 E, 1451031 N
Measured Date : October 16-17, 2025
Measured Instrument : Sound Level Meter Scarlet Tech Model ST-11D Serial Number 820967

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
01:00 p.m. - 02:00 p.m.	52.1	74.9	48.1
02:00 p.m. - 03:00 p.m.	55.6	81.6	53.7
03:00 p.m. - 04:00 p.m.	54.6	73.5	52.6
04:00 p.m. - 05:00 p.m.	51.0	75.6	48.1
05:00 p.m. - 06:00 p.m.	52.7	75.2	48.8
06:00 p.m. - 07:00 p.m.	49.6	62.6	48.1
07:00 p.m. - 08:00 p.m.	51.1	71.2	48.6
08:00 p.m. - 09:00 p.m.	52.1	77.7	48.1
09:00 p.m. - 10:00 p.m.	48.5	66.7	46.9
10:00 p.m. - 11:00 p.m.	47.9	67.2	46.2
11:00 p.m. - 00:00 p.m.	47.4	58.6	45.9
00:00 p.m. - 01:00 a.m.	47.2	59.9	45.3
01:00 a.m. - 02:00 a.m.	44.5	54.9	42.8
02:00 a.m. - 03:00 a.m.	45.1	57.7	42.9
03:00 a.m. - 04:00 a.m.	44.0	61.6	41.8
04:00 a.m. - 05:00 a.m.	46.6	59.4	44.2
05:00 a.m. - 06:00 a.m.	46.9	64.2	44.1
06:00 a.m. - 07:00 a.m.	50.0	72.7	47.7
07:00 a.m. - 08:00 a.m.	51.8	74.2	48.1
08:00 a.m. - 09:00 a.m.	51.5	73.0	48.2
09:00 a.m. - 10:00 a.m.	51.8	68.3	49.6
10:00 a.m. - 11:00 a.m.	53.0	75.1	50.2
11:00 a.m. - 12:00 a.m.	52.4	85.5	48.0
12:00 a.m. - 01:00 p.m.	49.7	85.5	43.5
24 Hours Measured	50.9	85.5	48.1
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	54.5	-	-

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)


(Mr. Rnus Fakto)
Laboratory Approve

ANALYSIS REPORT

Analysis No. : NH 276/2568
Job No. : PCL 1250/68
Report Date : October 30, 2025

Customer Name : บริษัท ไอจี ฟอรัจ (ไทยแลนด์) จำกัด
Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอสรรีราชา จังหวัดชลบุรี 20110
Sampling Source : Community Noise
Sampling Location : บริเวณชุมชนหนองยายบู่
GPS. Coordinate : UTM 47P 0718846 E, 1451031 N
Measured Date : October 17-18, 2025
Measured Instrument : Sound Level Meter Scarlet Tech Model ST-11D Serial Number 820967

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
01:00 p.m. – 02:00 p.m.	50.0	76.8	45.2
02:00 p.m. – 03:00 p.m.	48.2	65.5	44.3
03:00 p.m. – 04:00 p.m.	49.2	65.2	45.1
04:00 p.m. – 05:00 p.m.	49.5	75.5	45.2
05:00 p.m. – 06:00 p.m.	52.9	77.0	46.0
06:00 p.m. – 07:00 p.m.	53.8	70.7	49.6
07:00 p.m. – 08:00 p.m.	47.5	67.2	45.6
08:00 p.m. – 09:00 p.m.	50.5	75.2	44.6
09:00 p.m. – 10:00 p.m.	45.8	69.5	43.5
10:00 p.m. – 11:00 p.m.	47.4	67.1	44.1
11:00 p.m. – 00:00 p.m.	45.6	66.3	41.9
00:00 p.m. – 01:00 a.m.	47.1	70.5	42.4
01:00 a.m. – 02:00 a.m.	46.1	69.7	41.8
02:00 a.m. – 03:00 a.m.	42.9	52.3	41.1
03:00 a.m. – 04:00 a.m.	44.4	63.3	41.2
04:00 a.m. – 05:00 a.m.	44.3	62.7	41.4
05:00 a.m. – 06:00 a.m.	47.6	58.8	44.9
06:00 a.m. – 07:00 a.m.	48.9	67.3	46.4
07:00 a.m. – 08:00 a.m.	49.7	68.5	46.5
08:00 a.m. – 09:00 a.m.	51.0	70.2	47.6
09:00 a.m. – 10:00 a.m.	50.5	67.2	47.1
10:00 a.m. – 11:00 a.m.	48.9	65.6	46.2
11:00 a.m. – 12:00 a.m.	54.9	87.4	45.2
12:00 a.m. – 01:00 p.m.	53.8	82.2	44.1
24 Hours Measured	49.9	87.4	45.2
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	53.6	-	-

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)


(Mr. Brus Fakto)
Laboratory Approve

ANALYSIS REPORT

Analysis No. : NH 276/2568
Job No. : PCL 1250/68
Report Date : October 30, 2025

Customer Name : บริษัท ไอจี ฟอรัจ (ไทยแลนด์) จำกัด
Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอสรีราชา จังหวัดชลบุรี 20110
Sampling Source : Community Noise
Sampling Location : บริเวณชุมชนหนองยายบุญ
GPS. Coordinate : UTM 47P 0718846 E, 1451031 N
Measured Date : October 18-19, 2025
Measured Instrument : Sound Level Meter Scarlet Tech Model ST-11D Serial Number 820967

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
01:00 p.m. – 02:00 p.m.	52.0	78.9	46.3
02:00 p.m. – 03:00 p.m.	53.0	78.1	50.5
03:00 p.m. – 04:00 p.m.	54.2	68.2	52.8
04:00 p.m. – 05:00 p.m.	53.3	81.9	52.0
05:00 p.m. – 06:00 p.m.	50.3	72.6	45.7
06:00 p.m. – 07:00 p.m.	48.4	69.8	46.2
07:00 p.m. – 08:00 p.m.	48.1	69.6	45.2
08:00 p.m. – 09:00 p.m.	47.6	74.6	42.5
09:00 p.m. – 10:00 p.m.	44.7	68.9	42.4
10:00 p.m. – 11:00 p.m.	44.7	65.0	42.6
11:00 p.m. – 00:00 p.m.	43.4	53.2	41.1
00:00 p.m. – 01:00 a.m.	44.7	60.5	43.2
01:00 a.m. – 02:00 a.m.	44.8	55.8	42.7
02:00 a.m. – 03:00 a.m.	44.0	60.3	42.1
03:00 a.m. – 04:00 a.m.	45.5	55.5	43.9
04:00 a.m. – 05:00 a.m.	48.9	72.0	45.4
05:00 a.m. – 06:00 a.m.	52.1	73.9	47.9
06:00 a.m. – 07:00 a.m.	52.8	66.8	47.0
07:00 a.m. – 08:00 a.m.	53.2	79.5	48.4
08:00 a.m. – 09:00 a.m.	50.7	77.0	45.7
09:00 a.m. – 10:00 a.m.	46.9	72.0	43.5
10:00 a.m. – 11:00 a.m.	50.7	69.3	48.1
11:00 a.m. – 12:00 a.m.	51.2	74.9	46.6
12:00 a.m. – 01:00 p.m.	53.7	80.5	44.6
24 Hours Measured	50.4	81.9	46.9
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	54.4	-	-

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)


(Mr. Brus Fakto)
Laboratory Approve

ANALYSIS REPORT

Analysis No. : NH 276/2568
Job No. : PCL 1250/68
Report Date : October 30, 2025

Customer Name : บริษัท ไอจี ฟอรัจ (ไทยแลนด์) จำกัด
Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอดุสิต จังหวัดชลบุรี 20110
Sampling Source : Community Noise
Sampling Location : บริเวณชุมชนหนองยายบู่
GPS. Coordinate : UTM 47P 0718846 E, 1451031 N
Measured Date : October 19-20, 2025
Measured Instrument : Sound Level Meter Scarlet Tech Model ST-11D Serial Number 820967

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
01:00 p.m. – 02:00 p.m.	52.6	78.1	46.6
02:00 p.m. – 03:00 p.m.	53.3	78.8	51.0
03:00 p.m. – 04:00 p.m.	55.9	70.8	54.4
04:00 p.m. – 05:00 p.m.	54.8	76.8	54.0
05:00 p.m. – 06:00 p.m.	51.5	73.1	46.5
06:00 p.m. – 07:00 p.m.	49.1	71.0	46.8
07:00 p.m. – 08:00 p.m.	47.4	71.5	44.9
08:00 p.m. – 09:00 p.m.	47.2	70.9	42.2
09:00 p.m. – 10:00 p.m.	44.3	66.2	42.2
10:00 p.m. – 11:00 p.m.	44.0	64.9	42.1
11:00 p.m. – 00:00 p.m.	42.9	57.7	40.7
00:00 p.m. – 01:00 a.m.	43.1	62.0	41.5
01:00 a.m. – 02:00 a.m.	42.7	55.4	41.1
02:00 a.m. – 03:00 a.m.	42.5	59.8	40.7
03:00 a.m. – 04:00 a.m.	44.4	54.5	42.8
04:00 a.m. – 05:00 a.m.	44.3	61.8	42.3
05:00 a.m. – 06:00 a.m.	46.6	64.3	44.3
06:00 a.m. – 07:00 a.m.	54.0	69.2	52.7
07:00 a.m. – 08:00 a.m.	55.6	73.4	54.1
08:00 a.m. – 09:00 a.m.	51.9	70.1	49.6
09:00 a.m. – 10:00 a.m.	52.3	67.4	49.8
10:00 a.m. – 11:00 a.m.	52.1	67.0	50.1
11:00 a.m. – 12:00 a.m.	50.9	70.3	48.1
12:00 a.m. – 01:00 p.m.	47.8	73.5	44.9
24 Hours Measured	50.9	78.8	48.8
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	53.2	-	-

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)


(Mr. Brus Fakto)
Laboratory Approve

ANALYSIS REPORT

Analysis No. : NH 276/2568
Job No. : PCL 1250/68
Report Date : October 30, 2025

Customer Name : บริษัท ไอจี ฟอรัจ (ไทยแลนด์) จำกัด
Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอสรรีราชา จังหวัดชลบุรี 20110
Sampling Source : Community Noise
Sampling Location : บริเวณชุมชนหนองยายปู่
GPS. Coordinate : UTM 47P 0718846 E, 1451031 N
Measured Date : October 20-21, 2025
Measured Instrument : Sound Level Meter Scarlet Tech Model ST-11D Serial Number 820967

Interval Time	Noise Level (dBA)		
	Leq	Lmax	L90
01:00 p.m. – 02:00 p.m.	50.6	69.3	47.7
02:00 p.m. – 03:00 p.m.	52.8	68.9	49.8
03:00 p.m. – 04:00 p.m.	53.1	71.3	48.1
04:00 p.m. – 05:00 p.m.	55.0	64.9	46.4
05:00 p.m. – 06:00 p.m.	54.9	72.6	45.3
06:00 p.m. – 07:00 p.m.	54.2	79.5	48.9
07:00 p.m. – 08:00 p.m.	51.1	74.0	47.3
08:00 p.m. – 09:00 p.m.	50.1	70.1	46.3
09:00 p.m. – 10:00 p.m.	66.1	79.6	63.5
10:00 p.m. – 11:00 p.m.	50.6	67.5	47.7
11:00 p.m. – 00:00 p.m.	54.8	89.6	47.6
00:00 p.m. – 01:00 a.m.	50.8	58.4	49.2
01:00 a.m. – 02:00 a.m.	50.8	57.0	49.2
02:00 a.m. – 03:00 a.m.	51.2	56.3	49.7
03:00 a.m. – 04:00 a.m.	49.8	53.3	48.0
04:00 a.m. – 05:00 a.m.	48.3	55.9	46.9
05:00 a.m. – 06:00 a.m.	50.6	71.1	48.9
06:00 a.m. – 07:00 a.m.	52.2	72.1	47.9
07:00 a.m. – 08:00 a.m.	50.4	72.1	45.2
08:00 a.m. – 09:00 a.m.	49.1	69.3	45.9
09:00 a.m. – 10:00 a.m.	52.5	76.5	49.5
10:00 a.m. – 11:00 a.m.	53.0	81.0	50.4
11:00 a.m. – 12:00 a.m.	53.0	94.5	48.3
12:00 a.m. – 01:00 p.m.	51.8	78.1	46.5
24 Hours Measured	55.1	94.5	51.9
Standard ^{1/}	≤70	≤115	-
Evaluation	pass	pass	-
Ldn	63.5	-	-

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)


(Mr. Rhus Fakto)
Laboratory Approve

ภาคผนวก ค-2

ใบรายงานผลการตรวจวัดคุณภาพอากาศ
จากปล่องระบาย

ANALYSIS REPORT


Customer Name : บริษัท โอจี ฟอรัจ (ไทยแลนด์) จำกัด
Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110
Sampling Source : ปล่องระบายอากาศ เครื่องหุงชิ้นรูป 1600T Line 1
GPS. Coordinate : 47P 719782 E, 1450622 N **Analyzed By** : Stack Consulting Co., Ltd. Registration No.3-339
Sampling Date : October 16, 2025 **Received Date** : October 17, 2025
Sampling Time : 10:40 AM - 11:20 AM **Analytical Date** : October 17-31, 2025
Sampling Method : US. EPA Method **Sample Condition** : Good
Fuel Type : - **Combustion System** : Process
Sampling By : Mr. Aekaitti Wapeekang **Report No.** : LabS 2025/299
Registration No.3-339-จ-0018 **Report Date** : November 3, 2025

Item	Description	Unit	Method of Analysis	Actual Condition	Standard ^{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	39.00	-
4.	Pressure Stack	mm.Hg	US. EPA Method 2	753.15	-
5.	Air Velocity	m/s	US. EPA Method 2	4.00	-
6.	Flow Rate	NM ³ /hr	US. EPA Method 2	4,776.47	-
7.	Oxygen Rate	%	US. EPA Method 3	20.90	-
8.	Carbon dioxide Rate	%	US. EPA Method 3	<0.01	-
9.	Moisture	%	US. EPA Method 4	2.45	-
10.	Total Suspended Particulate	mg/m ³	US. EPA Method 5 / Isokinetic, Gravimetric	1.946	≤400
		kg/rai/day		0.00362	-
		Kg/day		0.22910	-
11.	Sulfur Dioxide	ppm	US. EPA Method 6C / Electrochemical sensor	2	≤500
		kg/rai/day		0.00974	-
		Kg/day		0.61691	-


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

^{2/} Criteria of Industrial Estate Authority of Thailand No.79/2549

พื้นที่โรงงานขนาด 63.33 ไร่


 (Miss. Benyapa Singchai)
 Registration No.3-339-จ-0001
 Laboratory Reviewer




 (Miss. Thipsumon Phosuwan)
 Registration No.3-339-ค-0003
 Laboratory Supervisor

ANALYSIS REPORT


Customer Name : บริษัท ไอจี พอร์จ (ไทยแลนด์) จำกัด
Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110
Sampling Source : ปล่องระบายอากาศ เครื่องพ่นขึ้นรูป 1600T Line 1 (ต่อ)
GPS. Coordinate : 47P 719782 E, 1450622 N Analyzed By : Stack Consulting Co., Ltd. Registration No.จ-339
Sampling Date : October 16, 2025 Received Date : October 17, 2025
Sampling Time : 10:40 AM - 11:20 AM Analytical Date : October 17-31, 2025
Sampling Method : US. EPA Method Sample Condition : Good
Fuel Type : - Combustion System : Process
Sampling By : Mr. Aekaitti Wapeekang Report No. : LabS 2025/299
Registration No.จ-339-จ-0018 Report Date : November 3, 2025

Item	Description	Unit	Method of Analysis	Actual Condition	Standard ^{1/}
12.	Oxide of Nitrogen	ppm	US. EPA Method 7E /	4.5	-
		kg/rai/day	Electrochemical sensor	0.01574	-
		Kg/day		0.99694	-
13.	Carbon monoxide	ppm	US. EPA Method 10 /	7	≤870
		kg/rai/day	Electrochemical sensor	0.01491	-
		Kg/day		0.94408	-


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

^{2/} Criteria of Industrial Estate Authority of Thailand No.79/2549

พื้นที่โรงงานขนาด 63.33 ไร่


(Miss. Benyapa Singchal)
Registration No.จ-339-จ-0001
Laboratory Reviewer




(Miss. Thipsumon Phosuwan)
Registration No.จ-339-จ-0003
Laboratory Supervisor

ANALYSIS REPORT

Customer Name : บริษัท ไอจี พอร์จ (ไทยแลนด์) จำกัด
Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอสรรพยา จังหวัดชัยภูมิ 20110
Sampling Source : ปล่องระบายอากาศ เครื่องทุบชิ้นรูป 1600T Line 2
GPS. Coordinate : 47P 719787 E, 1450630 N Analyzed By : Stack Consulting Co., Ltd. Registration No.จ-339
Sampling Date : October 15, 2025 Received Date : October 17, 2025
Sampling Time : 03:00 PM - 04:22 PM Analytical Date : October 17-31, 2025
Sampling Method : US. EPA Method Sample Condition : Good
Fuel Type : - Combustion System : Process
Sampling By : Mr. Aekaitti Wapeekang Report No. : LabS 2025/299
Registration No.จ-339-จ-0018 Report Date : November 3, 2025

Item	Description	Unit	Method of Analysis	Actual Condition	Standard ^{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	40.00	-
4.	Pressure Stack	mm.Hg	US. EPA Method 2	753.16	-
5.	Air Velocity	m/s	US. EPA Method 2	3.76	-
6.	Flow Rate	NM ³ /hr	US. EPA Method 2	4,456.06	-
7.	Oxygen Rate	%	US. EPA Method 3	20.90	-
8.	Carbon dioxide Rate	%	US. EPA Method 3	<0.01	-
9.	Moisture	%	US. EPA Method 4	3.10	-
10.	Total Suspended Particulate	mg/m ³	US. EPA Method 5 / Isokinetic, Gravimetric	0.343	≤400
		kg/rai/day		0.00060	-
		Kg/day		0.03784	-
11.	Sulfur Dioxide	ppm	US. EPA Method 6C / Electrochemical sensor	2	≤500
		kg/rai/day		0.00913	-
		Kg/day		0.57805	-


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

^{2/} Criteria of Industrial Estate Authority of Thailand No.79/2549

พื้นที่โรงงานขนาด 63.33 ไร่


(Miss. Benyapa Singchai)
Registration No.จ-339-จ-0001
Laboratory Reviewer




(Miss. Thipsumon Phosuwan)
Registration No.จ-339-ค-0003
Laboratory Supervisor

ANALYSIS REPORT


Customer Name : บริษัท โอจี ฟอรัจ (ไทยแลนด์) จำกัด
Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอสรรพยา จังหวัดชัยภูมิ 20110
Sampling Source : ปล่องระบายอากาศ เครื่องหุงชิ้นรูป 1600T Line 2 (ต่อ)
GPS. Coordinate : 47P 719787 E, 1450630 N Analyzed By : Stack Consulting Co., Ltd. Registration No.7-339
Sampling Date : October 15, 2025 Received Date : October 17, 2025
Sampling Time : 03:00 PM - 04:22 PM Analytical Date : October 17-31, 2025
Sampling Method : US. EPA Method Sample Condition : Good
Fuel Type : - Combustion System : Process
Sampling By : Mr. Aekaitti Wapeekang Report No. : LabS 2025/299
Registration No.7-339-จ-0018 Report Date : November 3, 2025

Item	Description	Unit	Method of Analysis	Actual Condition	Standard ^{1/}
12.	Oxide of Nitrogen	ppm	US. EPA Method 7E / Electrochemical sensor	5.4	-
		kg/rai/day		0.01770	-
		Kg/day		1.12091	-
13.	Carbon monoxide	ppm	US. EPA Method 10 / Electrochemical sensor	5	≤870
		kg/rai/day		0.00998	-
		Kg/day		0.63188	-


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

^{2/} Criteria of Industrial Estate Authority of Thailand No.79/2549

พื้นที่โรงงานขนาด 63.33 ไร่


(Miss. Benyapa Singchai)
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(Miss. Thipsumon Phosuwan)
Registration No.7-339-ค-0003
Laboratory Supervisor

ANALYSIS REPORT

Customer Name : บริษัท โอจี ฟอรัจ (ไทยแลนด์) จำกัด
Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 21110
Sampling Source : ปล่องระบายอากาศ เครื่องหุงชิ้นรูป 3000T
GPS. Coordinate : 47P 719802 E, 1450658 N Analyzed By : Stack Consulting Co., Ltd. Registration No.2-339
Sampling Date : October 15, 2025 Received Date : October 17, 2025
Sampling Time : 03:00 PM - 03:40 PM Analytical Date : October 17-31, 2025
Sampling Method : US. EPA Method Sample Condition : Good
Fuel Type : - Combustion System : Process
Sampling By : Mr. Aekaitti Wapeekang Report No. : LabS 2025/299
Registration No.2-339-จ-0018 Report Date : November 3, 2025

Item	Description	Unit	Method of Analysis	Actual Condition	Standard ^{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	753.08	-
5.	Air Velocity	m/s	US. EPA Method 2	3.28	-
6.	Flow Rate	NM ³ /hr	US. EPA Method 2	3,863.88	-
7.	Oxygen Rate	%	US. EPA Method 3	20.90	-
8.	Carbon dioxide Rate	%	US. EPA Method 3	<0.01	-
9.	Moisture	%	US. EPA Method 4	3.16	-
10.	Total Suspended Particulate	mg/m ³	US. EPA Method 5 / Isokinetic, Gravimetric	1.403	≤400
		kg/rai/day		0.00212	-
		Kg/day		0.13457	-
11.	Sulfur Dioxide	ppm	US. EPA Method 6C / Electrochemical sensor	1	≤500
		kg/rai/day		0.00397	-
		Kg/day		0.25130	-


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

^{2/} Criteria of Industrial Estate Authority of Thailand No.79/2549

พื้นที่โรงงานขนาด 63.33 ไร่


(Miss. Benyapa Singchai)
Registration No.2-339-จ-0001
Laboratory Reviewer




(Miss. Thipsumon Phosuwan)
Registration No.2-339-ค-0003
Laboratory Supervisor



Stack Consulting Co.,Ltd

14/3504-3505 Moo 14 Tambol Bang Bua Thong Amphoe Bang Bua Thong, Nonthaburi 11110

Tel : 02-922-6573 Fax : 029226573

E-mail : stackconsul@gmail.com Website : www.stackconsul.com

ANALYSIS REPORT

Customer Name : บริษัท ไอจี พอร์จ (ไทยแลนด์) จำกัด
Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอสรรพยา จังหวัดชัยภูมิ 20110
Sampling Source : ปล่องระบายอากาศ เครื่องพ่นขึ้นรูป 3000T (ต่อ)
GPS. Coordinate : 47P 719802 E, 1450658 N Analyzed By : Stack Consulting Co., Ltd. Registration No.จ-339
Sampling Date : October 15, 2025 Received Date : October 17, 2025
Sampling Time : 03:00 PM - 03:40 PM Analytical Date : October 17-31, 2025
Sampling Method : US. EPA Method Sample Condition : Good
Fuel Type : - Combustion System : Process
Sampling By : Mr. Aekaitti Wapeekang Report No. : LabS 2025/299
Registration No.จ-339-จ-0018 Report Date : November 3, 2025

Item	Description	Unit	Method of Analysis	Actual Condition	Standard ^{1/}
12.	Oxide of Nitrogen	ppm	US. EPA Method 7E /	5.2	-
		kg/rai/day	Electrochemical sensor	0.01482	-
		Kg/day		0.93853	-
13.	Carbon monoxide	ppm	US. EPA Method 10 /	3	≤870
		kg/rai/day	Electrochemical sensor	0.00520	-
		Kg/day		0.32956	-


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

^{2/} Criteria of Industrial Estate Authority of Thailand No.79/2549

พื้นที่โรงงานขนาด 63.33 ไร่


(Miss. Benyapa Singchai)
Registration No.จ-339-จ-0001
Laboratory Reviewer




(Miss. Thipsumon Phosuwan)
Registration No.จ-339-ค-0003
Laboratory Supervisor

ANALYSIS REPORT


Customer Name : บริษัท โอจี ฟอรัจ (ไทยแลนด์) จำกัด
Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอสรรีราชา จังหวัดชลบุรี 20110
Sampling Source : ปล่องระบายอากาศ เครื่องหุงชิ้นรูป 4500T
GPS. Coordinate : 47P 719673 E, 1450618 N Analyzed By : Stack Consulting Co., Ltd. Registration No.จ-339
Sampling Date : October 15, 2025 Received Date : October 17, 2025
Sampling Time : 08:00 PM - 09:16 PM Analytical Date : October 17-31, 2025
Sampling Method : US. EPA Method Sample Condition : Good
Fuel Type : - Combustion System : Process
Sampling By : Mr. Aekaitti Wapeekang Report No. : LabS 2025/299
Registration No.จ-339-จ-0018 Report Date : November 3, 2025

Item	Description	Unit	Method of Analysis	Actual Condition	Standard ^{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	41.00	-
4.	Pressure Stack	mm.Hg	US. EPA Method 2	753.89	-
5.	Air Velocity	m/s	US. EPA Method 2	8.95	-
6.	Flow Rate	NM ³ /hr	US. EPA Method 2	23,099.64	-
7.	Oxygen Rate	%	US. EPA Method 3	20.90	-
8.	Carbon dioxide Rate	%	US. EPA Method 3	<0.01	-
9.	Moisture	%	US. EPA Method 4	2.84	-
10.	Total Suspended Particulate	mg/m ³	US. EPA Method 5 / Isokinetic, Gravimetric	1.121	≤400
		kg/rai/day		0.01012	-
		Kg/day		0.64102	-
11.	Sulfur Dioxide	ppm	US. EPA Method 6C / Electrochemical sensor	2	≤500
		kg/rai/day		0.04731	-
		Kg/day		2.99638	-


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

^{2/} Criteria of Industrial Estate Authority of Thailand No.79/2549

พื้นที่โรงงานขนาด 63.33 ไร่


(Miss. Benyapa Singchai)
Registration No.จ-339-จ-0001
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(Miss. Thipsumon Phosuwan)
Registration No.จ-339-จ-0003
Laboratory Supervisor

ANALYSIS REPORT

Customer Name : บริษัท ไอจี พอร์จ (ไทยแลนด์) จำกัด
Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอสรีราชา จังหวัดชลบุรี 20110
Sampling Source : ปล่องระบายอากาศ เครื่องทุบชิ้นรูป 4500T (ต่อ)
GPS. Coordinate : 47P 719673 E, 1450618 N Analyzed By : Stack Consulting Co., Ltd. Registration No.จ-339
Sampling Date : October 15, 2025 Received Date : October 17, 2025
Sampling Time : 08:00 PM - 09:16 PM Analytical Date : October 17-31, 2025
Sampling Method : US. EPA Method Sample Condition : Good
Fuel Type : - Combustion System : Process
Sampling By : Mr. Aekaitti Wapeekang Report No. : LabS 2025/299
Registration No.จ-339-จ-0018 Report Date : November 3, 2025

Item	Description	Unit	Method of Analysis	Actual Condition	Standard ^{1/}
12.	Oxide of Nitrogen	ppm	US. EPA Method 7E /	8.1	-
		kg/rai/day	Electrochemical sensor	0.08378	-
		Kg/day		5.30600	-
13.	Carbon monoxide	ppm	US. EPA Method 10 /	5	≤870
		kg/rai/day	Electrochemical sensor	0.05172	-
		Kg/day		3.27543	-


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

^{2/} Criteria of Industrial Estate Authority of Thailand No.79/2549

พื้นที่โรงงานขนาด 63.33 ไร่


(Miss. Benyapa Singchai)
Registration No.จ-339-จ-0001
Laboratory Reviewer




(Miss. Thipsumon Phosuwon)
Registration No.จ-339-จ-0003
Laboratory Supervisor

ANALYSIS REPORT

Customer Name : บริษัท ไอจี ฟอรัจ (ไทยแลนด์) จำกัด
Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอสรรีราชา จังหวัดชลบุรี 20110
Sampling Source : ปล่องระบายอากาศ เครื่องขัดผิว 4500T (Shot Blast)
GPS. Coordinate : 47P 719633 E, 1450579 N **Analyzed By** : Stack Consulting Co., Ltd. Registration No.จ-339
Sampling Date : October 15, 2025 **Received Date** : October 17, 2025
Sampling Time : 10:20 AM - 10:52 AM **Analytical Date** : October 17-31, 2025
Sampling Method : US. EPA Method **Sample Condition** : Good
Fuel Type : - **Combustion System** : Process
Sampling By : Mr. Aekaitti Wapeekang **Report No.** : LabS 2025/299
Registration No.จ-339-จ-0018 **Report Date** : November 3, 2025

Item	Description	Unit	Method of Analysis	Actual Condition	Standard ^{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	41.00	-
4.	Pressure Stack	mm.Hg	US. EPA Method 2	744.62	-
5.	Air Velocity	m/s	US. EPA Method 2	30.61	-
6.	Flow Rate	NM ³ /hr	US. EPA Method 2	9,609.61	-
7.	Oxygen Rate	%	US. EPA Method 3	20.90	-
8.	Carbon dioxide Rate	%	US. EPA Method 3	<0.01	-
9.	Moisture	%	US. EPA Method 4	2.33	-
10.	Total Suspended Particulate	mg/m ³	US. EPA Method 5 / Isokinetic, Gravimetric	0.920	≤400
		kg/rai/day		0.00344	-
		Kg/day		0.21770	-
11.	Sulfur Dioxide	ppm	US. EPA Method 6C / Electrochemical sensor	<1	≤500
		kg/rai/day		<0.00979	-
		Kg/day		<0.61997	-


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

^{2/} Criteria of Industrial Estate Authority of Thailand No.79/2549

พื้นที่โรงงานขนาด 63.33 ไร่


 (Miss. Benyapa Singchal)
 Registration No.จ-339-จ-0001
 Laboratory Reviewer




 (Miss. Thipsumon Phosuwan)
 Registration No.จ-339-จ-0003
 Laboratory Supervisor



Stack Consulting Co.,Ltd

14/3504-3505 Moo 14 Tambol Bang Bua Thong Amphoe Bang Bua Thong, Nonthaburi 11110

Tel : 02-922-6573 Fax : 029226573

E-mail : stackconsul@gmail.com Website : www.stackconsul.com

ANALYSIS REPORT

Customer Name : บริษัท ไอจี พอร์จ (ไทยแลนด์) จำกัด
Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110
Sampling Source : ปล่องระบายอากาศ เครื่องขัดผิว 4500T (Shot Blast) (ต่อ)
GPS. Coordinate : 47P 719633 E, 1450579 N Analyzed By : Stack Consulting Co., Ltd. Registration No.จ-339
Sampling Date : October 15, 2025 Received Date : October 17, 2025
Sampling Time : 10:20 AM - 10:52 AM Analytical Date : October 17-31, 2025
Sampling Method : US. EPA Method Sample Condition : Good
Fuel Type : - Combustion System : Process
Sampling By : Mr. Aekaitti Wapeekang Report No. : LabS 2025/299
Registration No.จ-339-จ-0018 Report Date : November 3, 2025

Item	Description	Unit	Method of Analysis	Actual Condition	Standard ^{1/}
12.	Oxide of Nitrogen	ppm	US. EPA Method 7E /	<0.1	-
		kg/rai/day	Electrochemical sensor	<0.00056	-
		Kg/day		<0.03523	-
13.	Carbon monoxide	ppm	US. EPA Method 10 /	5	≤870
		kg/rai/day	Electrochemical sensor	0.02140	-
		Kg/day		1.35541	-


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

^{2/} Criteria of Industrial Estate Authority of Thailand No.79/2549

พื้นที่โรงงานขนาด 63.33 ไร่


(Miss. Benyapa Singchai)
Registration No.จ-339-จ-0001
Laboratory Reviewer




(Miss. Thipsumon Phosuwan)
Registration No.จ-339-ค-0003
Laboratory Supervisor



Stack Consulting Co.,Ltd

14/3504-3505 Moo 14 Tambol Bang Bua Thong Amphoe Bang Bua Thong, Nonthaburi 11110

Tel : 02-922-6573 Fax : 029226573

E-mail : stackconsul@gmail.com Website : www.stackconsul.com

ANALYSIS REPORT

Customer Name : บริษัท โอจี พอร์จ (ไทยแลนด์) จำกัด
Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 21110
Sampling Source : ปล่องระบายอากาศ เครื่องขัดผิว Hanger (Shot Blast)
GPS. Coordinate : 47P 719722 E, 1450736 N Analyzed By : Stack Consulting Co., Ltd. Registration No.จ-339
Sampling Date : October 15, 2025 Received Date : October 17, 2025
Sampling Time : 11:20 AM - 11:52 AM Analytical Date : October 17-31, 2025
Sampling Method : US. EPA Method Sample Condition : Good
Fuel Type : - Combustion System : Process
Sampling By : Mr. Aekaiti Wapeekang Report No. : LabS 2025/299
Registration No.จ-339-จ-0018 Report Date : November 3, 2025

Item	Description	Unit	Method of Analysis	Actual Condition	Standard ^{1/}
1.	Stack Height	m	Measuring Tape	10.00	-
2.	Stack Diameter	m	Measuring Tape	0.38	-
3.	Temperature in Stack	°C	US. EPA Method 2	42.00	-
4.	Pressure Stack	mm.Hg	US. EPA Method 2	753.07	-
5.	Air Velocity	m/s	US. EPA Method 2	7.07	-
6.	Flow Rate	NM ³ /hr	US. EPA Method 2	2,635.37	-
7.	Oxygen Rate	%	US. EPA Method 3	20.74	-
8.	Carbon dioxide Rate	%	US. EPA Method 3	<0.01	-
9.	Moisture	%	US. EPA Method 4	2.49	-
10.	Total Suspended Particulate	mg/m ³ kg/rai/day Kg/day	US. EPA Method 5 / Isokinetic, Gravimetric	0.329 0.00034 0.02137	≤400 - -
11.	Sulfur Dioxide	ppm kg/rai/day Kg/day	US. EPA Method 6C / Electrochemical sensor	1 0.00298 0.18855	≤500 - -


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

^{2/} Criteria of Industrial Estate Authority of Thailand No.79/2549

พื้นที่โรงงานขนาด 63.33 ไร่


(Miss. Benyapa Singchai)
Registration No.จ-339-จ-0001
Laboratory Reviewer




(Miss. Thipsumon Phosuwan)
Registration No.จ-339-จ-0003
Laboratory Supervisor

ANALYSIS REPORT

Customer Name : บริษัท ไอจี พอร์จ (ไทยแลนด์) จำกัด
Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอสรีราชา จังหวัดชลบุรี 20110
Sampling Source : ป่่องระบายอากาศ เครื่องขัดผิว Hanger (Shot Blast) (ต่อ)
GPS. Coordinate : 47P 719722 E, 1450736 N Analyzed By : Stack Consulting Co., Ltd. Registration No.จ-339
Sampling Date : October 15, 2025 Received Date : October 17, 2025
Sampling Time : 11:20 AM - 11:52 AM Analytical Date : October 17-31, 2025
Sampling Method : US. EPA Method Sample Condition : Good
Fuel Type : - Combustion System : Process
Sampling By : Mr. Aekaitti Wapeekang Report No. : LabS 2025/299
Registration No.จ-339-จ-0018 Report Date : November 3, 2025

Item	Description	Unit	Method of Analysis	Actual Condition	Standard ^{1/}
12.	Oxide of Nitrogen	ppm	US. EPA Method 7E /	<0.1	-
		kg/rai/day	Electrochemical sensor	<0.00013	-
		Kg/day		<0.00820	-
13.	Carbon monoxide	ppm	US. EPA Method 10 /	1	≤870
		kg/rai/day	Electrochemical sensor	0.00130	-
		Kg/day		0.08240	-


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

^{2/} Criteria of Industrial Estate Authority of Thailand No.79/2549

พื้นที่โรงงานขนาด 63.33 ไร่


(Miss. Benyapa Singchal)
Registration No.จ-339-จ-0001
Laboratory Reviewer




(Miss. Thipsumon Phosuwan)
Registration No.จ-339-ท-0003
Laboratory Supervisor

ภาคผนวก ค-3

ใบรายงานผลการตรวจวัดคุณภาพสิ่งแวดล้อม
ในสถานที่ทำงาน

ANALYSIS REPORT

Analysis No. : Lab-A 374/2568
Job No. : PCL 1250/68
Report Date : November 6, 2025

Customer Name : บริษัท โอจี ฟอจ (ไทยแลนด์) จำกัด
Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง ตำบลหนองขาม อำเภอสรรีราชา จังหวัดชลบุรี 20110
Sampling Date : October 14-17, 2025 Received Date : October 22, 2025
Sampling By : Pacific Laboratory Co., Ltd. Analytical Date : October 22-November 6, 2025
Sampling Method : NIOSH, HSE84 Sampling Time : 09:30 a.m. - 09:30 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.	Forging : เครื่องทุบขึ้นรูป 1600T Line 1 (Main press) - คุณอุทัย ขาติเมืองปัก อายุ 35 ปี อายุงาน 8 ปี	Total dust	mg/m ³	NIOSH0500	GR	0.250	-	≤10	-	pass
		Respirable dust	mg/m ³	NIOSH0600	GR	0.067	-	≤3	-	pass
2.	Forging : เครื่องทุบขึ้นรูป 1600T Line 2 (Main press) - คุณณัฐพล คำพิชชู อายุ 32 ปี อายุงาน 3 ปี	Total dust	mg/m ³	NIOSH0500	GR	1.619	-	≤10	-	pass
		Respirable dust	mg/m ³	NIOSH0600	GR	0.414	-	≤3	-	pass
3.	Forging : เครื่องทุบขึ้นรูป 3000T (Main press) - คุณเอกพงษ์ อธิราช อายุ 37 ปี อายุงาน 10 ปี	Total dust	mg/m ³	NIOSH0500	GR	0.259	-	≤10	-	pass
		Respirable dust	mg/m ³	NIOSH0600	GR	0.127	-	≤3	-	pass
4.	4500T : เครื่องทุบขึ้นรูป 4500T (Main press) - คุณจิตพล อ่อนคำหล้า อายุ 31 ปี อายุงาน 7 ปี	Total dust	mg/m ³	NIOSH0500	GR	0.250	-	≤10	-	pass
		Respirable dust	mg/m ³	NIOSH0600	GR	0.133	-	≤3	-	pass
5.	Forging : Screw press No. 1 (Main press) - คุณอิสรพงษ์ บุญศรี อายุ 30 ปี อายุงาน 5 ปี	Total dust	mg/m ³	NIOSH0500	GR	0.274	-	≤10	-	pass
		Respirable dust	mg/m ³	NIOSH0600	GR	0.100	-	≤3	-	pass
6.	Forging : Screw press No. 2 (Main press) - คุณศักรินทร์ ทวีผล อายุ 30 ปี อายุงาน 5 ปี	Total dust	mg/m ³	NIOSH0500	GR	0.201	-	≤10	-	pass
		Respirable dust	mg/m ³	NIOSH0600	GR	0.067	-	≤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, 2025



Sampling License No. 0202-03-2565-0013
Analyst License No. 0202-03-2565-0009

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REPORT ANALYSIS REFERS TO SUBMITTED SAMPLE (S) ONLY

ANALYSIS REPORT

Analysis No. : Lab-A 374/2568
Job No. : PCL 1250/68
Report Date : November 6, 2025

Customer Name : บริษัท โอจี ฟอรัจ (ไทยแลนด์) จำกัด
Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมบึงทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110
Sampling Date : October 14-17, 2025 Received Date : October 22, 2025
Sampling By : Pacific Laboratory Co., Ltd. Analytical Date : October 22-November 6, 2025
Sampling Method : NIOSH, HSE84 Sampling Time : 09:30 a.m. - 09:30 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/
7.	4500T : จุดป้อนงานเข้าเครื่อง SB	Total dust	mg/m ³	NIOSH0500	GR	0.247	-	≤10	-	pass
		Oil mist	mg/m ³	HSE84	GR	<0.1	-	≤5	-	pass
8.	Forging : Cutting line 1	Oil mist	mg/m ³	HSE84	GR	<0.1	-	≤5	-	pass
9.	4500T : Crank cutting	Oil mist	mg/m ³	HSE84	GR	<0.1	-	≤5	-	pass
10.	Forging : NC Screw press 1	Oil mist	mg/m ³	HSE84	GR	<0.1	-	≤5	-	pass
11.	Forging : NC Screw press 2	Oil mist	mg/m ³	HSE84	GR	<0.1	-	≤5	-	pass
12.	Forging : NC Screw press 3	Oil mist	mg/m ³	HSE84	GR	<0.1	-	≤5	-	pass
13.	Finishing : CNC Machining line 1	Oil mist	mg/m ³	HSE84	GR	1.042	-	≤5	-	pass
14.	Finishing : CNC Machining line 2	Oil mist	mg/m ³	HSE84	GR	<0.1	-	≤5	-	pass
15.	Finishing : CNC Machining line 3	Oil mist	mg/m ³	HSE84	GR	<0.1	-	≤5	-	pass
16.	Finishing : CNC Machining line 4	Oil mist	mg/m ³	HSE84	GR	<0.1	-	≤5	-	pass
17.	Finishing : CNC Machining line 5	Oil mist	mg/m ³	HSE84	GR	<0.1	-	≤5	-	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, 2025



(Mr. Rnus Fakto)
Sampling License No. 0201-03-2565-0013
Analyst License No. 0202-03-2565-0009



NOISE EXPOSURE ANALYSIS REPORT

Analysis No. : Noise 302/2568
Job No. : PCL 1250/68
Report Date : October 30, 2025

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

Location/Similar Exposure Group	Measure Date	Measured Instrument		Interval Time	Impulse Noise (dB)	Evaluation
		Model	S/N		Lpeak	
1. Forging : Cutting line 1	17/10/25	ACO/6236	222023	09:45 a.m. - 02:45 p.m.	124.2	pass
2. Forging : Cutting line 2	16/10/25	ACO/6236	222045	04:00 p.m. - 08:00 p.m.	125.9	pass
3. Forging : Cutting line 3	16/10/25	ACO/6236	222048	03:50 p.m. - 07:50 p.m.	129.1	pass
4. 4500T : Crank cutting (หน้าตู้ Control)	16-17/10/25	ACO/6236	222016	08:30 p.m. - 00:30 a.m.	128.3	pass
5. 4500T : Crank cutting	16-17/10/25	ACO/6236	222050	08:30 p.m. - 00:30 a.m.	125.9	pass
6. Forging : NC Screw press line 1	16/10/25	ACO/6236	222169	10:45 a.m. - 03:45 p.m.	121.1	pass
7. Forging : NC Screw press line 2	16/10/25	ACO/6236	222048	10:45 a.m. - 03:45 p.m.	114.9	pass
8. Forging : NC Screw press line 3	16/10/25	ACO/6236	222045	10:55 a.m. - 03:55 p.m.	115.6	pass
Standard ^{1/}					≤140	-

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)



License No. 0403-03-2565-0012



NOISE EXPOSURE ANALYSIS REPORT

Analysis No. : Noise 302/2568
Job No. : PCL 1250/68
Report Date : October 30, 2025

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

Location/Similar Exposure Group	Measure Date	Measured Instrument		Interval Time	Impulse Noise (dB)	Evaluation
		Model	S/N		Lpeak	
9. Finishing : CNC Machining line 1	17/10/25	ACO/6236	222169	09:30 a.m. - 02:30 p.m.	113.0	pass
10. Finishing : CNC Machining line 2	17/10/25	ACO/6236	222167	09:30 a.m. - 02:30 p.m.	112.4	pass
11. Finishing : CNC Machining line 3	17/10/25	ACO/6236	222049	09:34 a.m. - 02:34 p.m.	114.0	pass
12. Finishing : CNC Machining line 4	17/10/25	ACO/6236	222166	09:35 a.m. - 02:35 p.m.	109.1	pass
13. Finishing : CNC Machining line 5	15-16/10/25	ACO/6236	222136	08:10 p.m. - 00:10 a.m.	111.9	pass
Standard ^{1/}					≤140	-

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)



(Mr. Rnus Fakto)
License No. 0403-03-2565-0012



NOISE EXPOSURE ANALYSIS REPORT

Analysis No. : ND 144/2568
Job No. : PCL 1250/68
Report Date : October 30, 2025

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

Location/Similar Exposure Group	Measure Date	Measured Instrument		Interval Time	Time of performance (hr.)	Noise Dose (%)	Equivalent sound level that exposed (TWA 8 hrs.) (dBA)	Evaluation
		Model	S/N					
1. Forging : Cutting line 1 (คุณสุพิด บุญเที่ยง)	16/10/25	Soundtek/ST-130	220100151	09:18 a.m. – 05:18 p.m.	8 hrs.	60.82	82.8	pass
2. Forging : Cutting line 2 (คุณสุพิด บุญเที่ยง)	17/10/25	Cirrus Research plc/ CR:110A	CB2262	09:44 a.m. – 05:44 p.m.	8 hrs.	270	89.3	fail
3. 4500T : Crank cutting 1 (หน้าตู้ Control) (คุณจักรกฤษณ์ ประเสริฐศรี)	16-17/10/25	Cirrus Research plc/ CR:110A	CB1171	08:33 p.m. – 04:33 a.m.	8 hrs.	3,265	100.1	fail
4. 4500T : Crank cutting 2 (คุณธงชัย โกมล)	16-17/10/25	Cirrus Research plc/ CR:110A	CB1172	08:33 p.m. – 04:33 a.m.	8 hrs.	191	87.8	fail
5. Forging : เครื่องทุบขึ้นรูป 1600T Line 1 (Main press) (คุณอุทัย ขาติเมืองปัก)	15/10/25	Cirrus Research plc/ CR:110A	CB2279	09:58 a.m. – 05:58 p.m.	8 hrs.	2,015	98.0	fail
Standard ^{1/} (TWA 8 hrs.)						-	≤85	-

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)



License No. 0403-03-2565-0012



NOISE EXPOSURE ANALYSIS REPORT

Analysis No. : ND 144/2568
Job No. : PCL 1250/68
Report Date : October 30, 2025

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

Location/Similar Exposure Group	Measure Date	Measured Instrument		Interval Time	Time of performance (hr.)	Noise Dose (%)	Equivalent sound level that exposed (TWA 8 hrs.) (dBA)	Evaluation
		Model	S/N					
6. Forging : เครื่องทุบขึ้นรูป 1600T Line 2 (Main press) (คุณสถาพร บุตรภักดี)	16/10/25	Cirrus Research plc/ CR:110A	CB2263	09:15 a.m. – 05:15 p.m.	8 hrs.	1,195	95.8	fail
7. Forging : เครื่องทุบขึ้นรูป 3000T (Main press) (คุณเอกพจน์ อธิราช)	17-18/10/25	Cirrus Research plc/ CR:110A	CB1171	08:17 p.m. – 04:17 a.m.	8 hrs.	1,832	97.6	fail
8. 4500T : เครื่องทุบขึ้นรูป 4500T (Main press) (คุณชิตพล ย้อนคำหล้า)	15-16/10/25	Cirrus Research plc/ CR:110A	CB1171	08:15 p.m. – 04:15 a.m.	8 hrs.	110	85.4	fail
9. Finishing : Hanger (SB) #1 (คุณเกื้อกูล เทวนุกูล)	14/10/25	Cirrus Research plc/ CR:110A	CB1173	09:01 a.m. – 05:01 p.m.	8 hrs.	182	87.6	fail
10. 4500T : Crank (Magna) (คุณพงศ์กร ภาวะเกด)	17/10/25	Cirrus Research plc/ CR:110A	CB2280	09:56 a.m. – 05:56 p.m.	8 hrs.	84.16	84.2	pass
Standard ^{1/} (TWA 8 hrs.)						-	≤85	-

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)



License No. 0403-03-2565-0012

NOISE EXPOSURE ANALYSIS REPORT

Analysis No. : ND 144/2568
Job No. : PCL 1250/68
Report Date : October 30, 2025

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

Location/Similar Exposure Group	Measure Date	Measured Instrument		Interval Time	Time of performance (hr.)	Noise Dose (%)	Equivalent sound level that exposed (TWA 8 hrs.) (dBA)	Evaluation
		Model	S/N					
11. Finishing : Hanger (Magna) #1 (คุณกฤษฎา หมื่นสุรินทร์)	14/10/25	Cirrus Research plc/ CR:110A	CB1172	09:00 a.m. – 05:00 p.m.	8 hrs.	182	87.6	fail
12. Finishing : Hanger (Magna) #2 (คุณรุ่งเรือง ศรีสุภา)	14/10/25	Cirrus Research plc/ CR:110A	CB2280	08:52 a.m. – 04:52 p.m.	8 hrs.	898	94.5	fail
Standard ^V (TWA 8 hrs.)						-	≤85	-

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)



PACIFIC

LABORATORY CO., LTD.

Pacific Laboratory Co., Ltd.
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 Amphoe Bang Bua Thong, Nonthaburi 11110
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 E-mail : pacificlab07@gmail.com
 www.pacificlaboratory.com
 Head office/Tax 0125550044098

ANALYSIS REPORT

Analysis No. : Heat 311/2568
 Job No. : PCL 1250/68
 Report Date : October 30, 2025

Customer Name : บริษัท ไอจี พอร์จ (ไทยแลนด์) จำกัด
 Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอสรีราชา จังหวัดชลบุรี 20110
 Measured Date : October 15-17, 2025
 Measured By : Pacific Laboratory Co., Ltd.
 Sampling Source : Work Place Air Temperature
 Measured Instrument : Heat Stress Monitor Metrosonics Model hs-32 Serial Number MCG050029, Heat Stress Monitor 3M Model QUESTemp 32 Serial Number TPJ110033
 Heat Stress Monitor Quest Technologies Model QUESTemp 32 Serial Number TPE050033
 Heat Stress Monitor Quest Technologies Model QUESTemp 36 Serial Number TKJ090016

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.	Forging : เครื่องทุบขึ้นรูป 1600T Line 1 (Main press) (คุณอุทัย ขาดีเมืองปัก)	09:54 a.m.-11:54 a.m.	27.3	33.6	34.1	29.3	29.3	ควบคุม และนำชิ้นงานเข้าเครื่องจักร (120 นาที)	225	225	Moderate Work Load	pass
Standard ^{1/} (Moderate Work Load) = 32.0 WBGT												
2.	Forging : เครื่องทุบขึ้นรูป 1600T Line 2 (Main Press) (คุณสราพร บุตรภักดี)	09:58 a.m.-11:58 a.m.	27.6	34.8	35.2	29.9	29.9	ควบคุม และนำชิ้นงานเข้าเครื่องจักร (120 นาที)	225	225	Moderate Work Load	pass
Standard ^{1/} (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. ^{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 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 sound including the duration and the type of business that must be performed. (Dated 8 February B.E. 2561)



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ANALYSIS REPORT

Analysis No. : Heat 311/2568
Job No. : PCL 1250/68
Report Date : October 30, 2025

Customer Name : บริษัท ไอจี พอร์จ (ไทยแลนด์) จำกัด
Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอศรีราชา จังหวัดชลบุรี 20110
Measured Date : October 15-17, 2025
Measured By : Pacific Laboratory Co., Ltd.
Sampling Source : Work Place Air Temperature
Measured Instrument : Heat Stress Monitor Metrosonics Model hs-32 Serial Number MCG050029, Heat Stress Monitor 3M Model QUESTemp 32 Serial Number TPJ110033
Heat Stress Monitor Quest Technologies Model QUESTemp 32 Serial Number TPE050033
Heat Stress Monitor Quest Technologies Model QUESTemp 36 Serial Number TKJ090016

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 3000T (Main press) (คุณวรวิทย์ กุดตวง)	01:45 p.m.-03:45 p.m.	25.5	27.1	27.7	26.2	26.2	ควบคุม และนำชิ้นงาน เข้าเครื่องจักร (120 นาที)	225	225	Moderate Work Load	pass
Standard ^{1/} (Moderate Work Load) = 32.0 WBGT												
4.	4500T : เครื่องทุบขึ้นรูป 4500T (Main press) (คุณชิตพล อ่อนคำหล้า)	09:33 a.m.-11:33 a.m.	26.3	33.1	34.3	28.7	28.7	ควบคุม และนำชิ้นงาน เข้าเครื่องจักร (120 นาที)	225	225	Moderate Work Load	pass
Standard ^{1/} (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. ^{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 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 sound including the duration and the type of business that must be performed. (Dated 8 February B.E. 2561)



ANALYSIS REPORT

Analysis No. : Heat 311/2568
Job No. : PCL 1250/68
Report Date : October 30, 2025

Customer Name : บริษัท ไอจี พอร์จ (ไทยแลนด์) จำกัด
Address : เลขที่ 150/68 หมู่ที่ 9 นิคมอุตสาหกรรมปิ่นทอง 2 ตำบลหนองขาม อำเภอสรีราชา จังหวัดชลบุรี 20110
Measured Date : October 15-17, 2025
Measured By : Pacific Laboratory Co., Ltd.
Sampling Source : Work Place Air Temperature
Measured Instrument : Heat Stress Monitor Metrosonics Model hs-32 Serial Number MCG050029, Heat Stress Monitor 3M Model QUESTemp 32 Serial Number TPJ110033
Heat Stress Monitor Quest Technologies Model QUESTemp 32 Serial Number TPE050033
Heat Stress Monitor Quest Technologies Model QUESTemp 36 Serial Number TKJ090016

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. 1 (Main press) (คุณอิสราพงษ์ บุญศรี)	01:29 p.m.-03:29 p.m.	27.3	35.6	35.8	29.9	29.9	ควบคุม และนำชิ้นงาน เข้าเครื่องจักร (120 นาที)	225	225	Moderate Work Load	pass
Standard ^V (Moderate Work Load) = 32.0 WBGT												
6.	Forging : Screw press No. 2 (Main press) (คุณศักรินทร์ ทวีผล)	01:50 p.m.-03:50 p.m.	25.3	27.9	28.1	26.1	26.1	ควบคุม และนำชิ้นงาน เข้าเครื่องจักร (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 sound including the duration and the type of business that must be performed. (Dated 8 February B.E. 2561)

ภาคผนวก ค-4

ใบรายงานผลการตรวจวัดคุณภาพน้ำทิ้ง

Test Report

Request No : W6807461

Report No : 6808-0017

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

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

Sampling Source : Pinthong Industrial Park 2**

Sample No : W 68071554

Sample Name : น้ำทิ้งจากโรงงาน Septic**

Sampling Date : 16/07/2025**

Sampling By : ETC**

Sampling Time : 8:45 AM**

Sampling Method : Grab**

Received Date : 17/07/2025

Tested Date : 17/07/2025 - 25/07/2025

Reported Date : 01/08/2025

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	10.9	<500
Chemical Oxygen Demand #	mg/L	Closed Reflux, Titrimetric Method (SM:5220C)	45	<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)	75	<600
Oil and Grease *	mg/L	Liquid-Liquid, Partition-Gravimetric Method (SM:5520B)	< 3.0	<10
pH (on site) *		Electrometric Method	6.8	5.5-9.0

Physical Apperance : 1. Sample : yellow, lightly SS

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

Remark : 1. /I Notification of Industrial Estate Authority of Thailand 029 / 2567 (2024)

2. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.

3. Miss Jiraporn Pankong is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwuan (จ-003-ท-0016)*

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

Examined By : 

(Miss Jiraporn Pankong)

(จ-003-ท-0009)

01/08/2025



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Approved By : 

(Miss Nunnaphat Bakhuntod)

(จ-003-ท-0005)

01/08/2025

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WITHOUT THE WRITTEN APPROVAL LABORATORY

Test Report

Request No : W6807461

Report No : 6808-0017

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 68071554

Sample Name : น้ำจาออกกระบบ Septic**

Sampling Date : 16/07/2025**

Sampling By : ETC**

Sampling Time : 8:45 AM**

Sampling Method : Grab**

Received Date : 17/07/2025

Tested Date : 17/07/2025 - 25/07/2025

Reported Date : 01/08/2025

Parameter	Unit	Method	Result	Standard ¹
Temperature *	°C	Laboratory and Field Method (SM:2550 B)	30	≤45
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	214	≤3000
Total Kjeldahl Nitrogen *	mg/L as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	16	≤100
Total Suspended Solids #	mg/L	Dried at 103-105 degree celsius (SM:2540D)	6	≤200

Physical Appearance : 1. Sample : yellow, lightly SS

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

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 029 / 2567 (2024)

2. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.

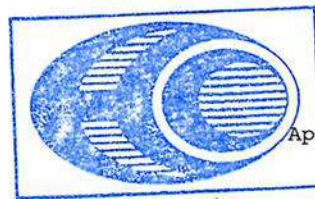
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(Miss Jiraporn Pankong)
(จ-003-ก-0009)
01/08/2025



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Test Report

Request No : W6807461

Report No : 6808-0019

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 68071556

Sample Name : น้ำจากสระบนเคมี**

Sampling Date : 16/07/2025**

Sampling By : ETC**

Sampling Time : 8:50 AM**

Sampling Method : Grab**

Received Date : 17/07/2025

Tested Date : 17/07/2025 - 25/07/2025

Reported Date : 01/08/2025

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)	26	≤600
Color (pH 7.0) *	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM:2120F)	28	≤600
Lead *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤0.2

Physical Appearance : 1. Sample : lightly SS

2. Container : Normal { PE 0.5 L (2 Bottle) , PE 1.8 L , G 1.0 L }

Remark : 1. /I Notification of Industrial Estate Authority of Thailand 029 / 2567 (2024)

2. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.

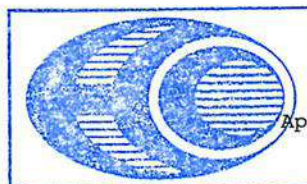
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Examined By :

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01/08/2025



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Test Report

Request No : W6807461

Report No : 6808-0019

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 68071556

Sample Name : น้ำจากออกกระทบเคมี**

Sampling Date : 16/07/2025**

Sampling By : ETC**

Sampling Time : 8:50 AM**

Sampling Method : Grab**

Received Date : 17/07/2025

Tested Date : 17/07/2025 - 25/07/2025

Reported Date : 01/08/2025

Parameter	Unit	Method	Result	Standard ¹
Oil and Grease *	mg/L	Liquid-Liquid, 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 (SM:2550 B)	29	≤45
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	1,076	≤3000
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 degree celsius (SM:2540D)	< 5	≤200

Physical Appearance : 1. Sample : lightly SS

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

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 029 / 2567 (2024)

2. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.

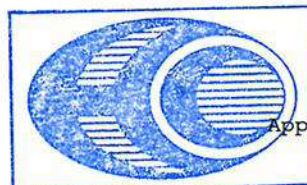
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Examined By :

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01/08/2025

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Test Report

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 Name : น้ำออกจาบ่อบน Septic**

Sampling By : ETC**

Sampling Method : Grab**

Tested Date : 14/08/2025 - 25/08/2025

Request No : W6808332

Report No : 6808-1462

Sample No : W 68080987

Sampling Date : 13/08/2025**

Sampling Time : 10:20 AM**

Received Date : 14/08/2025

Reported Date : 27/08/2025

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	16.9	≤500
Chemical Oxygen Demand #	mg/L	Closed Reflux, Titrimetric Method (SM:5220C)	98	≤750
Color(Original) *	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM:2120F)	63	≤600
Color(pH 7.0) *	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM:2120F)	60	≤600
Oil and Grease *	mg/L	Liquid-Liquid, Partition-Gravimetric Method (SM:5520B)	5.0	≤10
pH (on site) *		Electrometric Method	7.4	5.5-9.0

Physical Apperance : 1. Sample : yellowish, lightly SS

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

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 029 / 2567 (2024)

2. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.

3. Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Metee Sukprasert (จ-003-ท-0035)*

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

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ท-0007)

27/08/2025



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Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ท-0005)

27/08/2025

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Test Report

Request No : W6808332

Report No : 6808-1462

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 68080987

Sample Name : น้ำออกจาบบ Septic**

Sampling Date : 13/08/2025**

Sampling By : ETC**

Sampling Time : 10:20 AM**

Sampling Method : Grab**

Received Date : 14/08/2025

Tested Date : 14/08/2025 - 25/08/2025

Reported Date : 27/08/2025

Parameter	Unit	Method	Result	Standard ¹
Temperature *	°C	Laboratory and Field Method (SM:2550 B)	32	≤45
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	584	≤3000
Total Kjeldahl Nitrogen *	mg/L as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	41	≤100
Total Suspended Solids #	mg/L	Dried at 103-105 degree celsius (SM:2540D)	8	≤200

Physical Apperance : 1. Sample : yellowish, lightly SS

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

Remark : 1. /I Notification of Industrial Estate Authority of Thailand 029 / 2567 (2024)

2. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.

3. Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Metee Sukprasert (1-003-ก-0035)*

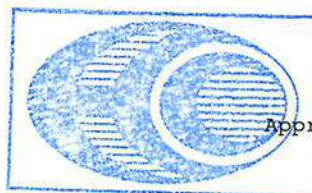
5. ** = These data are non laboratory data.

Examined By :

(Miss Apiradee Chuen-arom)

(1-003-ก-0007)

27/08/2025



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Approved By :

(Miss Nunnaphat Bakhuntod)

(1-003-ก-0005)

27/08/2025

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Test Report

Request No : W6808332

Report No : 6808-1463

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 68080988

Sample Name : น้ำออกจากระบบเคมี**

Sampling Date : 13/08/2025**

Sampling By : ETC**

Sampling Time : 10:25 AM**

Sampling Method : Grab**

Received Date : 14/08/2025

Tested Date : 14/08/2025 - 21/08/2025

Reported Date : 27/08/2025

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
Lead *	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤0.2

Physical Apperance : 1. Sample : lightly SS

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

Remark : 1. /I Notification of Industrial Estate Authority of Thailand 029 / 2567 (2024)

2. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.

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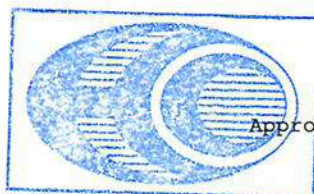
5. ** = These data are non laboratory data.

Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ท-0007)

27/08/2025



บริษัท อีสเทิร์นไทยคอนซัลติ้ง 1992 จำกัด

Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ท-0005)

27/08/2025

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Test Report

Request No : W6808332

Report No : 6808-1463

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 68080988

Sample Name : น้ำออกจากระบบเคมี**

Sampling Date : 13/08/2025**

Sampling By : ETC**

Sampling Time : 10:25 AM**

Sampling Method : Grab**

Received Date : 14/08/2025

Tested Date : 14/08/2025 - 21/08/2025

Reported Date : 27/08/2025

Parameter	Unit	Method	Result	Standard ¹
Oil and Grease *	mg/L	Liquid-Liquid, Partition-Gravimetric Method (SM:5520B)	< 3.0	≤10
pH (on site) *		Electrometric Method	7.2	5.5-9.0
Temperature *	°C	Laboratory and Field Method (SM:2550 B)	33	≤45
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	1,060	≤3000
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 degree celsius (SM:2540D)	< 5	≤200

Physical Apperance : 1. Sample : lightly SS

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

Remark : 1. /I Notification of Industrial Estate Authority of Thailand 029 / 2567 (2024)

2. # = ISO/IEC 17025:2017 Accredited by DSS, SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.

3. Miss Apiradee Chuen-arom is Section Head / Miss Nunnaphat Bakhuntod is Technical Management.

4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Metee Sukprasert (ว-003-ท-0035)*

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

Examined By :

(Miss Apiradee Chuen-arom)
(ว-003-ท-0007)
27/08/2025



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(ว-003-ท-0005)
27/08/2025

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Page 2 of 2

Test Report

Request No : W6809273

Report No : 6809-1721

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 68090909

Sample Name : น้ำทิ้งจากถัง Septic**

Sampling Date : 09/09/2025**

Sampling By : ETC**

Sampling Time : 8:42 AM**

Sampling Method : Grab**

Received Date : 10/09/2025

Tested Date : 10/09/2025 - 24/09/2025

Reported Date : 25/09/2025

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand [#]	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	10.2	≤500
Chemical Oxygen Demand [#]	mg/L	Closed Reflux, Titrimetric Method (SM:5220C)	< 40	≤750
Color (Original) *	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM:2120F)	50	≤600
Color (pH 7.0) *	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM:2120F)	47	≤600
Oil and Grease [@]	mg/L	Liquid-Liquid, Partition-Gravimetric Method (SM:5520B)	< 3.0	≤10
pH (on site) *		Electrometric Method	6.7	5.5-9.0

Physical Appearance : 1. Sample : Wastewater (yellowish, lightly SS)

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

Remark : 1. /I Notification of Industrial Estate Authority of Thailand 029 / 2567 (2024)

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Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ก-0007)

25/09/2025



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Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ก-0005)

25/09/2025

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Page 1 of 2

Test Report

Request No : W6809273

Report No : 6809-1721

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 68090909

Sample Name : น้ำออกจา่บ่บ Septic**

Sampling Date : 09/09/2025**

Sampling By : ETC**

Sampling Time : 8:42 AM**

Sampling Method : Grab**

Received Date : 10/09/2025

Tested Date : 10/09/2025 - 24/09/2025

Reported Date : 25/09/2025

Parameter	Unit	Method	Result	Standard ¹
Temperature *	°C	Laboratory and Field Method (SM:2550 B)	26	≤45
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	188	≤3000
Total Kjeldahl Nitrogen *	mg/L as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	13	≤100
Total Suspended Solids #	mg/L	Dried at 103-105 degree celsius (SM:2540D)	15	≤200

Physical Apperance : 1. Sample : Wastewater (yellowish, lightly SS)

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

Remark : 1. /I Notification of Industrial Estate Authority of Thailand 029 / 2567 (2024)

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

SM = Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023.

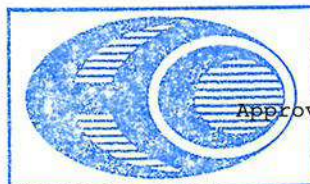
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Page 2 of 2

Test Report

Request No : W6809273

Report No : 6809-1722

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 68090910

Sample Name : น้ำออกจากระบบเคมี**

Sampling Date : 09/09/2025**

Sampling By : ETC**

Sampling Time : 8:45 AM**

Sampling Method : Grab**

Received Date : 10/09/2025

Tested Date : 10/09/2025 - 18/09/2025

Reported Date : 25/09/2025

Parameter	Unit	Method	Result	Standard/l
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	2.8	≤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)	21	≤600
Lead @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤0.2

Physical Apperance : 1. Sample : Wastewater (lightly SS)

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

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 029 / 2567 (2024)

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

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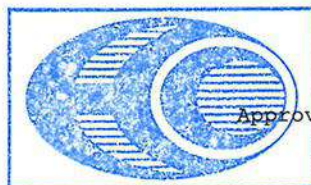
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Page 1 of 2

Test Report

Request No : W6809273

Report No : 6809-1722

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 68090910

Sample Name : น้ำซอกกระบวนเคมี**

Sampling Date : 09/09/2025**

Sampling By : ETC**

Sampling Time : 8:45 AM**

Sampling Method : Grab**

Received Date : 10/09/2025

Tested Date : 10/09/2025 - 18/09/2025

Reported Date : 25/09/2025

Parameter	Unit	Method	Result	Standard ¹
Oil and Grease ⁰	mg/L	Liquid-Liquid, Partition-Gravimetric Method (SM:5520B)	< 3.0	≤10
pH (on site) *		Electrometric Method	6.6	5.5-9.0
Temperature *	°C	Laboratory and Field Method (SM:2550 B)	26	≤45
Total Dissolved Solids [#]	mg/L	Dried at 180 degree celsius (SM:2540C)	1,120	≤3000
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 degree celsius (SM:2540D)	< 5	≤200

Physical Apperance : 1. Sample : Wastewater (lightly SS)

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

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 029 / 2567 (2024)

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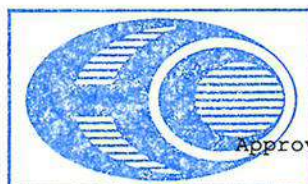
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Examined By :

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(จ-003-ก-0007)
25/09/2025



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Test Report

Request No : W6810263

Report No : 6810-1874

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 68100894

Sample Name : น้ำทิ้งจากโรงงาน Septic**

Sampling Date : 07/10/2025**

Sampling By : ETC**

Sampling Time : 8:20 AM**

Sampling Method : Grab**

Received Date : 09/10/2025

Tested Date : 09/10/2025 - 21/10/2025

Reported Date : 03/11/2025

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	10.2	≤500
Chemical Oxygen Demand #	mg/L	Closed Reflux, Titrimetric Method (SM:5220C)	101	≤750
Color(Original) *	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM:2120F)	71	≤600
Color(pH 7.0) *	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM:2120F)	68	≤600
Oil and Grease @	mg/L	Liquid-Liquid, Partition-Gravimetric Method (SM:5520B)	4.4	≤10
pH (on site) *		Electrometric Method	7.0	5.5-9.0

Physical Appearance : 1. Sample : Wastewater (yellow, lightly SS)

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

Remark : 1. /I Notification of Industrial Estate Authority of Thailand 029 / 2567 (2024)

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

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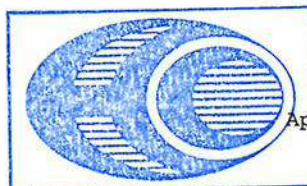
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Examined By :

(Miss Apiradee Chuen-arom)

(T-003-ก-0007)

03/11/2025



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03/11/2025

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Test Report

Request No : W6810263

Report No : 6810-1874

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 68100894

Sample Name : น้ำทิ้งจากโรงงาน Septic**

Sampling Date : 07/10/2025**

Sampling By : ETC**

Sampling Time : 8:20 AM**

Sampling Method : Grab**

Received Date : 09/10/2025

Tested Date : 09/10/2025 - 21/10/2025

Reported Date : 03/11/2025

Parameter	Unit	Method	Result	Standard ¹
Temperature *	°C	Laboratory and Field Method (SM:2550 B)	31	≤45
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	372	≤3000
Total Kjeldahl Nitrogen *	mg/L as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	44	≤100
Total Suspended Solids #	mg/L	Dried at 103-105 degree celsius (SM:2540D)	7	≤200

Physical Appearance : 1. Sample : Wastewater (yellow, lightly SS)

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

Remark : 1. /I Notification of Industrial Estate Authority of Thailand 029 / 2567 (2024)

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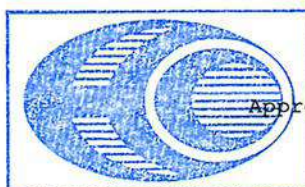
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Test Report

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 Name : น้ำขบวนการระบบเคมี**

Sampling By : ETC**

Sampling Method : Grab**

Tested Date : 09/10/2025 - 16/10/2025

Request No : W6810263

Report No : 6810-1876

Sample No : W 68100896

Sampling Date : 07/10/2025**

Sampling Time : 8:25 AM**

Received Date : 09/10/2025

Reported Date : 03/11/2025

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)	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)	30	≤600
Lead @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤0.2

Physical Appearance : 1. Sample : Wastewater (yellow, lightly SS)

2. Container : Normal [PE 0.5 L [3 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 029 / 2567 (2024)

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

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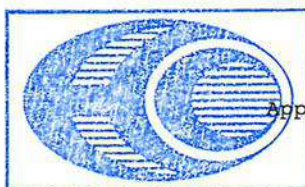
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Page 1 of 2

Test Report

Request No : W6810263

Report No : 6810-1876

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 68100896

Sample Name : น้ำขบวนการบำบัดน้ำ**

Sampling Date : 07/10/2025**

Sampling By : ETC**

Sampling Time : 8:25 AM**

Sampling Method : Grab**

Received Date : 09/10/2025

Tested Date : 09/10/2025 - 16/10/2025

Reported Date : 03/11/2025

Parameter	Unit	Method	Result	Standard ¹
Oil and Grease @	mg/L	Liquid-Liquid, 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 (SM:2550 B)	31	≤ 45
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	960	≤ 3000
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 degree celsius (SM:2540D)	< 5	≤ 200

Physical Appearance : 1. Sample : Wastewater (yellow, lightly SS)

2. Container : Normal [PE 0.5 L [3 Bottle], PE 1.0 L, PE 1.8 L, G 1.0 L]

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 029 / 2567 (2024)

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

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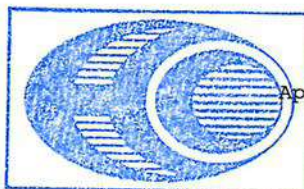
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Examined By :

(Miss Apiradee Chuen-arom)

(1-003-ท-0007)

03/11/2025



Approved By :

(Miss Nunnaphat Bakhuntod)

(1-003-ท-0005)

03/11/2025

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Test Report

Request No : W6811299

Report No : 6811-1428

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 68110925

Sample Name : น้ำโสโครก Septic**

Sampling Date : 11/11/2025**

Sampling By : ETC**

Sampling Time : 9:00 AM**

Sampling Method : Grab**

Received Date : 12/11/2025

Tested Date : 12/11/2025 - 20/11/2025

Reported Date : 21/11/2025

Parameter	Unit	Method	Result	Standard ¹
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	16.5	≤500
Chemical Oxygen Demand #	mg/L	Closed Reflux, Titrimetric Method (SM:5220C)	51	≤750
Color(Original)*	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM:2120F)	41	≤600
Color(pH 7.0)*	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM:2120F)	39	≤600
Oil and Grease @	mg/L	Liquid-Liquid, Partition-Gravimetric Method (SM:5520B)	7.2	≤10
pH (on site) *		Electrometric Method	7.2	5.5-9.0

Physical Appearance : 1. Sample : Wastewater (yellowish, lightly SS)

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

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 029 / 2567 (2024)

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, 24th Edition, 2023.

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4. * = Test Report/Sampling marked Not Accredited, Sampling By Mr. Songpon Phiwan (จ-003-ก-0016)*

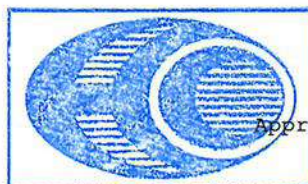
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Examined By :

(Miss Apiradee Chuen-arom)

(จ-003-ก-0007)

21/11/2025



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Approved By :

(Miss Nunnaphat Bakhuntod)

(จ-003-ก-0005)

21/11/2025

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Page 1 of 2

Test Report

Request No : W6811299

Report No : 6811-1428

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 68110925

Sample Name : น้ำเสียระบบ Septic**

Sampling Date : 11/11/2025**

Sampling By : ETC**

Sampling Time : 9:00 AM**

Sampling Method : Grab**

Received Date : 12/11/2025

Tested Date : 12/11/2025 - 20/11/2025

Reported Date : 21/11/2025

Parameter	Unit	Method	Result	Standard ¹
Temperature *	°C	Laboratory and Field Method (SM:2550 B)	29	≤45
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	228	≤3000
Total Kjeldahl Nitrogen *	mg/L as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	19	≤100
Total Suspended Solids #	mg/L	Dried at 103-105 degree celsius (SM:2540D)	7	≤200

Physical Apperance : 1. Sample : Wastewater (yellowish, lightly SS)

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

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 029 / 2567 (2024)

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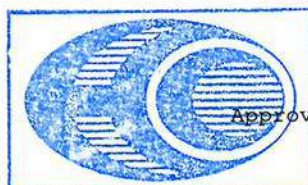
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Test Report

Request No : W6811299

Report No : 6811-1429

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 68110926

Sample Name : น้ำออกจากระบบเคมี**

Sampling Date : 11/11/2025**

Sampling By : ETC**

Sampling Time : 9:05 AM**

Sampling Method : Grab**

Received Date : 12/11/2025

Tested Date : 12/11/2025 - 20/11/2025

Reported Date : 21/11/2025

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)	47	≤ 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)	27	≤ 600
Lead @	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤ 0.2

Physical Appearance : 1. Sample : Wastewater (yellowish, lightly SS)

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

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 029 / 2567 (2024)

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Test Report

Request No : W6811299

Report No : 6811-1429

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 68110926

Sample Name : น้ำออกกระบวนการเคมี**

Sampling Date : 11/11/2025**

Sampling By : ETC**

Sampling Time : 9:05 AM**

Sampling Method : Grab**

Received Date : 12/11/2025

Tested Date : 12/11/2025 - 20/11/2025

Reported Date : 21/11/2025

Parameter	Unit	Method	Result	Standard ¹
Oil and Grease @	mg/L	Liquid-Liquid, Partition-Gravimetric Method (SM:5520B)	< 3.0	≤10
pH (on site) *		Electrometric Method	7.1	5.5-9.0
Temperature *	°C	Laboratory and Field Method (SM:2550 B)	30	≤45
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	932	≤3000
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 degree celsius (SM:2540D)	< 5	≤200

Physical Apperance : 1. Sample : Wastewater (yellowish, lightly SS)

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

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 029 / 2567 (2024)

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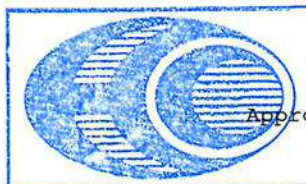
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Test Report

Request No : W6812475

Report No : 6812-1824

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 68121400

Sample Name : น้ำออกจาบบ Septic**

Sampling Date : 16/12/2025**

Sampling By : ETC**

Sampling Time : 8:40 AM**

Sampling Method : Grab**

Received Date : 17/12/2025

Tested Date : 18/12/2025 - 24/12/2025

Reported Date : 26/12/2025

Parameter	Unit	Method	Result	Standard/ ¹
Biochemical Oxygen Demand #	mg/L	5-Day BOD Test, Membrane Electrode Method (SM:5210B)	10.5	≤500
Chemical Oxygen Demand #	mg/L	Closed Reflux, Titrimetric Method (SM:5220C)	82	≤750
Color(Original) *	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM:2120F)	39	≤600
Color(pH 7.0) *	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM:2120F)	31	≤600
Oil and Grease @	mg/L	Liquid-Liquid, Partition-Gravimetric Method (SM:5520B)	3.3	≤10
pH (on site) *		Electrometric Method	7.7	5.5-9.0

Physical Appearance : 1. Sample : Wastewater (yellowish, lightly SS)

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

Remark : 1. /1 Notification of Industrial Estate Authority of Thailand 029 / 2567 (2024)

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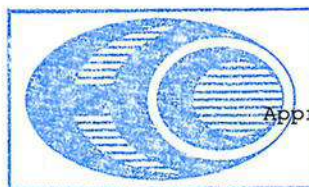
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Examined By :

(Miss Apiradee Chuen-arom)

(1-003-ท-0007)

26/12/2025



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Approved By :

(Mr. Kawee Suthasub)

(1-003-ท-0004)

26/12/2025

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Page 1 of 2

Test Report

Request No : W6812475

Report No : 6812-1824

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 68121400

Sample Name : น้ำออกระบบ Septic**

Sampling Date : 16/12/2025**

Sampling By : ETC**

Sampling Time : 8:40 AM**

Sampling Method : Grab**

Received Date : 17/12/2025

Tested Date : 18/12/2025 - 24/12/2025

Reported Date : 26/12/2025

Parameter	Unit	Method	Result	Standard ¹
Temperature *	°C	Laboratory and Field Method (SM:2550 B)	29	≤45
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	312	≤3000
Total Kjeldahl Nitrogen *	mg/L as NH ₃ -N	Macro Kjeldahl Method (SM:4500 -Norg B)	35	≤100
Total Suspended Solids #	mg/L	Dried at 103-105 degree celsius (SM:2540D)	11	≤200

Physical Apperance : 1. Sample : Wastewater (yellowish, lightly SS)

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

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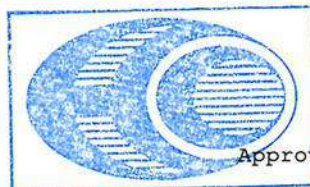
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Page 2 of 2

Test Report

Request No : W6812475

Report No : 6812-1825

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 68121401

Sample Name : น้ำออกระบบเคมี**

Sampling Date : 16/12/2025**

Sampling By : ETC**

Sampling Time : 8:45 AM**

Sampling Method : Grab**

Received Date : 17/12/2025

Tested Date : 18/12/2025 - 24/12/2025

Reported Date : 26/12/2025

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)	30	≤600
Color (pH 7.0) *	ADMI	ADMI Weighted Ordinate Spectrophotometric Method (SM:2120F)	< 20	≤600
Lead ^g	mg/L	Digestion, Inductively Coupled Plasma Method (SM:3030F, 3120B)	< 0.03	≤0.2

Physical Apperance : 1. Sample : Wastewater (yellow, lightly SS)

2. Container : Normal [PE 0.5 L (3 Bottle) , PE 1.8 L , G 1.0 L]

Remark : 1. /I Notification of Industrial Estate Authority of Thailand 029 / 2567 (2024)

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Test Report

Request No : W6812475

Report No : 6812-1825

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 68121401

Sample Name : น้ำออกระบบเคมี**

Sampling Date : 16/12/2025**

Sampling By : ETC**

Sampling Time : 8:45 AM**

Sampling Method : Grab**

Received Date : 17/12/2025

Tested Date : 18/12/2025 - 24/12/2025

Reported Date : 26/12/2025

Parameter	Unit	Method	Result	Standard/l
Oil and Grease ^g	mg/L	Liquid-Liquid, Partition-Gravimetric Method (SM:5520B)	< 3.0	≤10
pH (on site) *		Electrometric Method	7.2	5.5-9.0
Temperature *	°C	Laboratory and Field Method (SM:2550 B)	28	≤45
Total Dissolved Solids #	mg/L	Dried at 180 degree celsius (SM:2540C)	1,008	≤3000
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 degree celsius (SM:2540D)	< 5	≤200

Physical Apperance : 1. Sample : Wastewater (yellow, lightly SS)

2. Container : Normal [PE 0.5 L (3 Bottle) , PE 1.8 L , G 1.0 L]

Remark : 1. /I Notification of Industrial Estate Authority of Thailand 029 / 2567 (2024)

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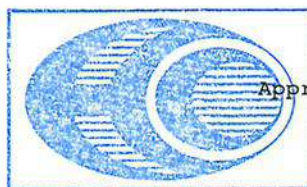
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