

ภาคผนวก ค-3

คุณภาพน้ำ



Analysis / Test Report



TESTING
No.0042

Client : Thai Polyethylene Co., Ltd.

10, Map Ta Phut Industrial Estate I-1 Road, Map Ta Phut, Muang District, Rayong Thailand 21150

P/O :

Project Name : Environmental Monitoring

Project Location : TPE Site 1

Lot ID: 2589617

Date Received : Nov 18, 2025

Date Reported : Nov 21, 2025

Report Number: 3456432-1

Page 1 of 1

Sample Number 2589617-1
Parameter Noise (Leq 24 hrs.)
Location อาคารสำนักงานของกลุ่มโรงงาน TPE Site#1 (GPS 47P 0731744, 1404884)
Measurement Date Nov 11 - Nov 12, 2025
Measurement by Nantawat Sarin
Sound Level meter Serial No. 623395

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	60.6	75.9	58.7
12:00 PM - 01:00 PM	59.9	82.8	58.0
01:00 PM - 02:00 PM	61.2	80.3	58.8
02:00 PM - 03:00 PM	59.2	75.3	57.2
03:00 PM - 04:00 PM	60.2	84.3	57.9
04:00 PM - 05:00 PM	59.8	78.7	57.5
05:00 PM - 06:00 PM	59.9	75.3	58.4
06:00 PM - 07:00 PM	59.9	77.0	58.0
07:00 PM - 08:00 PM	60.6	75.1	58.6
08:00 PM - 09:00 PM	60.0	74.0	58.6
09:00 PM - 10:00 PM	59.3	72.9	58.1
10:00 PM - 11:00 PM	59.7	76.8	58.2
11:00 PM - 12:00 AM	59.7	78.1	58.5
12:00 AM - 01:00 AM	59.2	71.2	58.1
01:00 AM - 02:00 AM	59.3	75.9	58.4
02:00 AM - 03:00 AM	59.5	79.6	58.5
03:00 AM - 04:00 AM	60.7	78.2	58.8
04:00 AM - 05:00 AM	60.4	79.1	58.5
05:00 AM - 06:00 AM	60.0	80.9	58.4
06:00 AM - 07:00 AM	61.9	79.6	59.4
07:00 AM - 08:00 AM	63.3	88.0	59.5
08:00 AM - 09:00 AM	61.9	73.9	60.3
09:00 AM - 10:00 AM	60.8	77.8	59.1
10:00 AM - 11:00 AM	60.4	76.4	58.7

Leq Average 24 hrs. (dB(A)) 60.4

Lmax (dB(A)) 88.0

L90 (dB(A)) 58.5

Ldn (dB(A)) 66.6

Standard (dB(A)) 70

Reference Method : ISO 1996-1 : 2016

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการ
โรงงาน พ.ศ. 2548

Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management

Chontichak

Chonticha Subongkoch
Scientist (3)

Approved by

Supot S

Supot Salamteh
Section Head

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Analysis / Test Report



TESTING
No.0042

Client : Thai Polyethylene Co., Ltd.

10, Map Ta Phut Industrial Estate I-1 Road, Map Ta Phut, Muang District, Rayong Thailand 21150

P/O :

Project Name : Environmental Monitoring

Project Location : TPE Site 1

Lot ID: 2589617

Date Received : Nov 18, 2025

Date Reported : Nov 21, 2025

Report Number: 3456433-1

Page 1 of 1

Sample Number 2589617-2
Parameter Noise (Leq 24 hrs.)
Location อาคารสำนักงานของกลุ่มโรงงาน TPE Site#1 (GPS 47P 0731744, 1404884)
Measurement Date Nov 12 - Nov 13, 2025
Measurement by Nantawat Sarin
Sound Level meter Serial No. 623395

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	72.0	86.5	58.3
12:00 PM - 01:00 PM	62.3	82.3	59.9
01:00 PM - 02:00 PM	69.4	86.1	58.9
02:00 PM - 03:00 PM	59.8	79.1	57.7
03:00 PM - 04:00 PM	59.8	79.1	57.5
04:00 PM - 05:00 PM	59.5	74.7	57.5
05:00 PM - 06:00 PM	59.5	77.6	57.4
06:00 PM - 07:00 PM	60.0	77.2	58.0
07:00 PM - 08:00 PM	61.1	84.9	58.5
08:00 PM - 09:00 PM	60.3	84.6	58.1
09:00 PM - 10:00 PM	59.5	71.5	58.3
10:00 PM - 11:00 PM	59.7	82.9	58.1
11:00 PM - 12:00 AM	59.6	77.7	58.4
12:00 AM - 01:00 AM	59.3	74.4	57.8
01:00 AM - 02:00 AM	59.2	73.1	57.9
02:00 AM - 03:00 AM	60.2	67.4	58.3
03:00 AM - 04:00 AM	60.5	76.0	58.7
04:00 AM - 05:00 AM	60.3	74.3	58.3
05:00 AM - 06:00 AM	60.6	73.8	58.6
06:00 AM - 07:00 AM	60.0	69.6	59.2
07:00 AM - 08:00 AM	60.5	77.6	59.4
08:00 AM - 09:00 AM	61.3	80.3	59.2
09:00 AM - 10:00 AM	61.3	72.2	59.6
10:00 AM - 11:00 AM	60.5	79.2	59.0

Leq Average 24 hrs. (dB(A)) 63.0

Lmax (dB(A)) 86.5

L90 (dB(A)) 58.3

Ldn (dB(A)) 67.3

Standard (dB(A)) 70

Reference Method : ISO 1996-1 : 2016

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการ
โรงงาน พ.ศ. 2548

Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management

Chontichak

Chonticha Subongkoch
Scientist (3)

Approved by

Supot S

Supot Salamteh
Section Head

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Analysis / Test Report



TESTING
No.0042

Client : Thai Polyethylene Co., Ltd.

10, Map Ta Phut Industrial Estate I-1 Road, Map Ta Phut, Muang District, Rayong Thailand 21150

P/O :

Project Name : Environmental Monitoring

Project Location : TPE Site 1

Lot ID: 2589617

Date Received : Nov 18, 2025

Date Reported : Nov 21, 2025

Report Number: 3456434-1

Page 1 of 1

Sample Number 2589617-3
Parameter Noise (Leq 24 hrs.)
Location อาคารสำนักงานของกลุ่มโรงงาน TPE Site#1 (GPS 47P 0731744, 1404884)
Measurement Date Nov 13 - Nov 14, 2025
Measurement by Nantawat Sarin
Sound Level meter Serial No. 623395

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	59.3	71.2	57.6
12:00 PM - 01:00 PM	61.4	84.0	58.0
01:00 PM - 02:00 PM	61.5	80.3	58.5
02:00 PM - 03:00 PM	60.1	75.9	58.3
03:00 PM - 04:00 PM	59.9	79.7	57.8
04:00 PM - 05:00 PM	59.8	77.7	58.3
05:00 PM - 06:00 PM	60.3	85.3	58.2
06:00 PM - 07:00 PM	72.7	108.4	60.7
07:00 PM - 08:00 PM	61.6	77.5	59.9
08:00 PM - 09:00 PM	61.9	79.2	60.7
09:00 PM - 10:00 PM	61.2	80.4	60.0
10:00 PM - 11:00 PM	61.2	73.9	60.1
11:00 PM - 12:00 AM	60.2	74.8	59.0
12:00 AM - 01:00 AM	60.4	71.7	59.6
01:00 AM - 02:00 AM	59.9	69.7	58.9
02:00 AM - 03:00 AM	60.9	71.1	59.3
03:00 AM - 04:00 AM	60.2	72.2	59.1
04:00 AM - 05:00 AM	60.8	68.7	60.0
05:00 AM - 06:00 AM	60.7	73.0	59.8
06:00 AM - 07:00 AM	60.0	68.2	58.8
07:00 AM - 08:00 AM	60.3	71.8	59.0
08:00 AM - 09:00 AM	61.7	79.1	60.2
09:00 AM - 10:00 AM	61.2	73.1	59.8
10:00 AM - 11:00 AM	60.7	83.5	58.8

Leq Average 24 hrs. (dB(A)) 62.8

Lmax (dB(A)) 108.4

L90 (dB(A)) 59.0

Ldn (dB(A)) 67.6

Standard (dB(A)) 70

Reference Method : ISO 1996-1 : 2016

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการ
โรงงาน พ.ศ. 2548

Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management

Chontichak

Chonticha Subongkoch
Scientist (3)

Approved by

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Supot Salamteh
Section Head

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Analysis / Test Report



TESTING
No.0042

Client : Thai Polyethylene Co., Ltd.

10, Map Ta Phut Industrial Estate I-1 Road, Map Ta Phut, Muang District, Rayong Thailand 21150

P/O :

Project Name : Environmental Monitoring

Project Location : TPE Site 1

Lot ID: 2589617

Date Received : Nov 18, 2025

Date Reported : Nov 21, 2025

Report Number: 3456435-1

Page 1 of 1

Sample Number 2589617-4
Parameter Noise (Leq 24 hrs.)
Location อาคารสำนักงานของกลุ่มโรงงาน TPE Site#1 (GPS 47P 0731744, 1404884)
Measurement Date Nov 14 - Nov 15, 2025
Measurement by Nantawat Sarin
Sound Level meter Serial No. 623395

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	61.0	77.1	59.2
12:00 PM - 01:00 PM	60.3	77.7	58.6
01:00 PM - 02:00 PM	60.3	78.7	58.4
02:00 PM - 03:00 PM	59.3	78.7	57.6
03:00 PM - 04:00 PM	59.6	80.1	57.7
04:00 PM - 05:00 PM	59.3	78.5	57.1
05:00 PM - 06:00 PM	60.6	78.4	58.4
06:00 PM - 07:00 PM	60.8	79.7	57.9
07:00 PM - 08:00 PM	61.9	77.1	58.0
08:00 PM - 09:00 PM	60.0	75.4	57.8
09:00 PM - 10:00 PM	60.1	69.3	58.9
10:00 PM - 11:00 PM	60.8	77.7	59.5
11:00 PM - 12:00 AM	60.7	71.3	59.8
12:00 AM - 01:00 AM	61.2	74.8	60.1
01:00 AM - 02:00 AM	60.4	70.5	58.9
02:00 AM - 03:00 AM	61.1	68.4	60.2
03:00 AM - 04:00 AM	61.2	71.5	60.3
04:00 AM - 05:00 AM	60.5	71.0	59.6
05:00 AM - 06:00 AM	60.2	70.6	59.0
06:00 AM - 07:00 AM	61.1	73.0	59.5
07:00 AM - 08:00 AM	60.4	73.4	58.9
08:00 AM - 09:00 AM	61.4	71.8	60.0
09:00 AM - 10:00 AM	61.4	77.5	60.0
10:00 AM - 11:00 AM	61.9	75.7	60.2

Leq Average 24 hrs. (dB(A)) 60.7

Lmax (dB(A)) 80.1

L90 (dB(A)) 58.9

Ldn (dB(A)) 67.2

Standard (dB(A)) 70

Reference Method : ISO 1996-1 : 2016

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการ
โรงงาน พ.ศ. 2548

Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management

Chontichak

Chonticha Subongkoch
Scientist (3)

Approved by

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Supot Salamteh
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Analysis / Test Report



TESTING
No.0042

Client : Thai Polyethylene Co., Ltd.

10, Map Ta Phut Industrial Estate I-1 Road, Map Ta Phut, Muang District, Rayong Thailand 21150

P/O :

Project Name : Environmental Monitoring

Project Location : TPE Site 1

Lot ID: 2589617

Date Received : Nov 18, 2025

Date Reported : Nov 21, 2025

Report Number: 3456436-1

Page 1 of 1

Sample Number 2589617-5
Parameter Noise (Leq 24 hrs.)
Location อาคารสำนักงานของกลุ่มโรงงาน TPE Site#1 (GPS 47P 0731744, 1404884)
Measurement Date Nov 15 - Nov 16, 2025
Measurement by Nantawat Sarin
Sound Level meter Serial No. 623395

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	62.5	71.5	60.4
12:00 PM - 01:00 PM	60.9	75.4	59.3
01:00 PM - 02:00 PM	58.9	73.0	57.6
02:00 PM - 03:00 PM	59.1	69.9	57.7
03:00 PM - 04:00 PM	60.1	75.3	58.8
04:00 PM - 05:00 PM	58.8	79.2	57.1
05:00 PM - 06:00 PM	59.6	73.7	57.3
06:00 PM - 07:00 PM	59.7	70.5	58.3
07:00 PM - 08:00 PM	60.5	78.3	58.5
08:00 PM - 09:00 PM	59.7	80.7	58.1
09:00 PM - 10:00 PM	59.3	71.0	58.1
10:00 PM - 11:00 PM	58.9	76.1	57.8
11:00 PM - 12:00 AM	59.7	68.9	58.8
12:00 AM - 01:00 AM	59.6	66.0	58.6
01:00 AM - 02:00 AM	59.6	66.5	58.9
02:00 AM - 03:00 AM	59.5	70.5	58.6
03:00 AM - 04:00 AM	59.5	64.0	58.6
04:00 AM - 05:00 AM	59.6	66.2	58.6
05:00 AM - 06:00 AM	59.6	66.0	58.6
06:00 AM - 07:00 AM	59.6	64.8	58.7
07:00 AM - 08:00 AM	60.6	67.4	59.6
08:00 AM - 09:00 AM	61.6	74.2	60.5
09:00 AM - 10:00 AM	61.3	73.9	59.6
10:00 AM - 11:00 AM	61.3	80.5	60.1

Leq Average 24 hrs. (dB(A))

60.1

Lmax (dB(A))

80.7

L90 (dB(A))

58.6

Ldn (dB(A))

66.1

Standard (dB(A))

70

115

Reference Method : ISO 1996-1 : 2016

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการ
โรงงาน พ.ศ. 2548

Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management

Chontichak

Chonticha Subongkoch
Scientist (3)

Approved by

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Supot Salamteh
Section Head

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Analysis / Test Report



TESTING
No.0042

Client : Thai Polyethylene Co., Ltd.

10, Map Ta Phut Industrial Estate I-1 Road, Map Ta Phut, Muang District, Rayong Thailand 21150

P/O :

Project Name : Environmental Monitoring

Project Location : TPE Site 1

Lot ID: 2589617

Date Received : Nov 18, 2025

Date Reported : Nov 21, 2025

Report Number: 345643b-1

Page 1 of 1

Sample Number 258761b-6
Parameter Noise (Leq 24 hrs.)
Location อาคารสำนักงานของกลุ่มโรงงาน TPE Site#1 (GPS 4bP 0b31b44, 1404884)
Measurement Date Nov 16 - Nov 1b, 2025
Measurement by Nantawat Sarin
Sound Level meter Serial No. 623375

Time	Leq (dB(A))	Lmax (dB(A))	L70 (dB(A))
11:00 AM - 12:00 PM	60.6	b5.7	57.2
12:00 PM - 01:00 PM	60.5	b7.0	57.1
01:00 PM - 02:00 PM	60.8	b5.2	58.7
02:00 PM - 03:00 PM	60.4	80.1	58.8
03:00 PM - 04:00 PM	60.1	b8.5	58.1
04:00 PM - 05:00 PM	57.5	b7.b	5b.5
05:00 PM - 06:00 PM	57.5	b3.6	5b.7
06:00 PM - 0b:00 PM	60.6	b2.6	57.5
0b:00 PM - 08:00 PM	60.2	80.5	58.b
08:00 PM - 07:00 PM	61.5	81.0	57.7
07:00 PM - 10:00 PM	61.2	b4.3	60.0
10:00 PM - 11:00 PM	62.0	b5.4	60.b
11:00 PM - 12:00 AM	62.3	b6.0	60.7
12:00 AM - 01:00 AM	61.1	b1.0	57.7
01:00 AM - 02:00 AM	57.8	bb.8	58.8
02:00 AM - 03:00 AM	57.7	6b.8	57.0
03:00 AM - 04:00 AM	60.3	b1.b	57.3
04:00 AM - 05:00 AM	57.7	8b.1	5b.b
05:00 AM - 06:00 AM	58.b	68.0	5b.7
06:00 AM - 0b:00 AM	57.1	b2.0	58.2
0b:00 AM - 08:00 AM	57.7	b1.7	58.6
08:00 AM - 07:00 AM	60.6	80.5	57.0
07:00 AM - 10:00 AM	60.3	b4.b	58.7
10:00 AM - 11:00 AM	60.4	b4.0	58.b

Leq Average 24 hrs. (dB(A))

60.5

Lmax (dB(A))

8b.1

L70 (dB(A))

58.7

Ldn (dB(A))

66.7

Standard (dB(A))

b0

115

Reference Method : ISO 1776-1 : 2016

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการ
โรงงาน พ.ศ. 2548

Remark : The laforatory has been accepted as an accredited laforatory complying with the ISO/IEC 1b025.

Technical Management

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Chonticha Suf ongkoch
Scientist (3)

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Analysis / Test Report



TESTING
No.0042

Client : Thai Polyethylene Co., Ltd.

10, Map Ta Phut Industrial Estate I-1 Road, Map Ta Phut, Muang District, Rayong Thailand 21150

P/O :

Project Name : Environmental Monitoring

Project Location : TPE Site 1

Lot ID: 2589617

Date Received : Nov 18, 2025

Date Reported : Nov 21, 2025

Report Number: 3456438-1

Page 1 of 1

Sample Number 2589617-7
Parameter Noise (Leq 24 hrs.)
Location อาคารสำนักงานของกลุ่มโรงงาน TPE Site#1 (GPS 47P 0731744, 1404884)
Measurement Date Nov 17 - Nov 18, 2025
Measurement by Nantawat Sarin
Sound Level meter Serial No. 623395

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	59.7	73.8	58.6
12:00 PM - 01:00 PM	60.0	79.0	58.8
01:00 PM - 02:00 PM	60.1	71.1	58.6
02:00 PM - 03:00 PM	60.8	77.1	59.2
03:00 PM - 04:00 PM	59.8	77.0	57.8
04:00 PM - 05:00 PM	59.3	80.6	57.1
05:00 PM - 06:00 PM	59.8	79.3	57.8
06:00 PM - 07:00 PM	61.0	78.6	59.0
07:00 PM - 08:00 PM	61.4	82.7	58.5
08:00 PM - 09:00 PM	60.5	80.4	58.5
09:00 PM - 10:00 PM	59.2	81.1	57.3
10:00 PM - 11:00 PM	59.3	75.4	58.1
11:00 PM - 12:00 AM	59.7	80.2	58.6
12:00 AM - 01:00 AM	60.2	72.6	59.2
01:00 AM - 02:00 AM	59.8	80.3	58.9
02:00 AM - 03:00 AM	60.3	78.7	59.1
03:00 AM - 04:00 AM	59.5	69.8	58.5
04:00 AM - 05:00 AM	59.7	83.1	58.2
05:00 AM - 06:00 AM	59.9	69.6	58.9
06:00 AM - 07:00 AM	60.5	80.4	59.5
07:00 AM - 08:00 AM	60.8	73.1	59.5
08:00 AM - 09:00 AM	61.6	78.7	60.0
09:00 AM - 10:00 AM	60.5	76.3	59.1
10:00 AM - 11:00 AM	60.4	75.8	59.3

Leq Average 24 hrs. (dB(A))

60.2

Lmax (dB(A))

83.1

L90 (dB(A))

58.6

Ldn (dB(A))

66.4

Standard (dB(A))

70

115

Reference Method : ISO 1996-1 : 2016

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการ
โรงงาน พ.ศ. 2548

Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management

Chontichak

Chonticha Subongkoch
Scientist (3)

Approved by

Supot S

Supot Salamteh
Section Head

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S:\Reports_Air Noise.rpt (3:04PM)



Analysis / Test Report



TESTING
No.0042

Client : Thai Polyethylene Co., Ltd.

10, Map Ta Phut Industrial Estate I-1 Road, Map Ta Phut, Muang District, Rayong Thailand 21150

P/O :

Project Name : Environmental Monitoring

Project Location : LDPE

Lot ID: 2590517

Date Received : Nov 18, 2025

Date Reported : Nov 21, 2025

Report Number: 3456558-1

Page 1 of 1

Sample Number 2590517-1
Parameter Noise (Leq 24 hrs.)
Location กังกลางข้าวคันทิศใต้ของโรงงาน LDPE ติดกับถนนของนิคม (GPS 47P 0731925, 1404867)
Measurement Date Nov 11 - Nov 12, 2025
Measurement by Nantawat Sarin
Sound Level meter Serial No. 623393

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	64.2	72.1	62.9
11:00 AM - 12:00 PM	66.0	75.9	63.2
12:00 PM - 01:00 PM	64.0	69.5	62.5
01:00 PM - 02:00 PM	64.6	72.0	62.6
02:00 PM - 03:00 PM	64.2	70.0	62.3
03:00 PM - 04:00 PM	64.3	71.1	62.9
04:00 PM - 05:00 PM	63.8	72.2	62.5
05:00 PM - 06:00 PM	64.5	83.9	62.9
06:00 PM - 07:00 PM	65.6	84.8	63.0
07:00 PM - 08:00 PM	66.2	73.6	65.5
08:00 PM - 09:00 PM	65.3	69.3	63.0
09:00 PM - 10:00 PM	66.3	70.6	65.5
10:00 PM - 11:00 PM	65.1	71.4	62.4
11:00 PM - 12:00 AM	66.3	70.4	65.5
12:00 AM - 01:00 AM	65.1	70.2	62.2
01:00 AM - 02:00 AM	66.2	80.9	64.8
02:00 AM - 03:00 AM	66.4	82.7	63.2
03:00 AM - 04:00 AM	65.9	71.2	63.5
04:00 AM - 05:00 AM	69.1	84.5	65.7
05:00 AM - 06:00 AM	68.4	82.3	64.8
06:00 AM - 07:00 AM	69.2	80.3	64.8
07:00 AM - 08:00 AM	64.8	73.8	63.4
08:00 AM - 09:00 AM	65.0	73.8	63.9
09:00 AM - 10:00 AM	68.8	84.0	63.6

Leq Average 24 hrs. (dB(A))

66.1

Lmax (dB(A))

84.8

L90 (dB(A))

63.2

Ldn (dB(A))

73.3

Standard (dB(A))

70

115

Reference Method : ISO 1996-1 : 2016

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการ
โรงงาน พ.ศ. 2548

Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management

Chontichak

Chonticha Subongkoch
Scientist (3)

Approved by

Supot S

Supot Salamteh
Section Head

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S:\Reports_Air Noise.rpt (3:50PM)



Analysis / Test Report



TESTING
No.0042

Client : Thai Polyethylene Co., Ltd.

10, Map Ta Phut Industrial Estate I-1 Road, Map Ta Phut, Muang District, Rayong Thailand 21150

P/O :

Project Name : Environmental Monitoring

Project Location : LDPE

Lot ID: 2590517

Date Received : Nov 18, 2025

Date Reported : Nov 21, 2025

Report Number: 345655b-1

Page 1 of 1

Sample Number 25b0517-2
Parameter Noise (Leq 24 hrs.)
Location กิ่งกลางรั้วด้านทิศใต้ของโรงงาน LDPE ติดกับถนนของนิคม (GPS 47P 0731b25, 1404867)
Measurement Date Nov 12 - Nov 13, 2025
Measurement by Nantawat Sarin
Sound Level meter Serial No. 6233b3

Time	Leq (dB(A))	Lmax (dB(A))	Lb0 (dB(A))
10:00 AM - 11:00 AM	6b.2	84.3	65.5
11:00 AM - 12:00 PM	67.2	88.5	65.4
12:00 PM - 01:00 PM	65.5	80.7	64.3
01:00 PM - 02:00 PM	65.0	82.7	63.6
02:00 PM - 03:00 PM	65.7	80.7	63.5
03:00 PM - 04:00 PM	64.8	82.3	63.3
04:00 PM - 05:00 PM	64.8	70.1	63.8
05:00 PM - 06:00 PM	64.7	86.2	63.6
06:00 PM - 07:00 PM	66.0	85.2	63.8
07:00 PM - 08:00 PM	64.6	6b.5	63.4
08:00 PM - 0b:00 PM	64.7	71.0	63.5
0b:00 PM - 10:00 PM	64.5	70.8	63.4
10:00 PM - 11:00 PM	64.7	6b.6	63.2
11:00 PM - 12:00 AM	64.3	6b.4	63.1
12:00 AM - 01:00 AM	64.4	70.5	63.0
01:00 AM - 02:00 AM	65.4	82.4	63.3
02:00 AM - 03:00 AM	64.4	82.3	62.7
03:00 AM - 04:00 AM	64.4	6b.7	63.2
04:00 AM - 05:00 AM	65.2	70.2	63.8
05:00 AM - 06:00 AM	66.7	70.4	66.0
06:00 AM - 07:00 AM	65.5	71.3	63.0
07:00 AM - 08:00 AM	66.7	71.b	66.0
08:00 AM - 0b:00 AM	65.4	71.8	63.1
0b:00 AM - 10:00 AM	66.2	73.2	65.5

Leq Average 24 hrs. (dB(A)) 65.6

Lmax (dB(A))

b0.7

Lb0 (dB(A))

63.5

Ldn (dB(A))

71.6

Standard (dB(A))

70

115

Reference Method : ISO 1bb6-1 : 2016

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการ
โรงงาน พ.ศ. 2548

Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management

Chontichak

Chonticha Suf ongkoch
Scientist (3)

Approved by

Supot S

Supot Salamteh
Section Head

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S:\Reports_Air Noise.rpt (3:50PM)



Analysis / Test Report



TESTING
No.0042

Client : Thai Polyethylene Co., Ltd.

10, Map Ta Phut Industrial Estate I-1 Road, Map Ta Phut, Muang District, Rayong Thailand 21150

P/O :

Project Name : Environmental Monitoring

Project Location : LDPE

Lot ID: 2590517

Date Received : Nov 18, 2025

Date Reported : Nov 21, 2025

Report Number: 3456560-1

Page 1 of 1

Sample Number 2590517-3
Parameter Noise (Leq 24 hrs.)
Location กิ่งกลางรั้วด้านทิศใต้ของโรงงาน LDPE ติดกับถนนของนิคม (GPS 47P 0731925, 1404867)
Measurement Date Nov 13 - Nov 14, 2025
Measurement by Nantawat Sarin
Sound Level meter Serial No. 623393

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	65.3	71.3	62.3
11:00 AM - 12:00 PM	69.5	80.3	65.4
12:00 PM - 01:00 PM	65.6	72.3	62.6
01:00 PM - 02:00 PM	66.1	70.5	63.4
02:00 PM - 03:00 PM	65.8	70.0	63.7
03:00 PM - 04:00 PM	65.9	76.3	63.6
04:00 PM - 05:00 PM	74.3	103.7	63.5
05:00 PM - 06:00 PM	66.0	78.6	64.2
06:00 PM - 07:00 PM	65.6	70.9	64.5
07:00 PM - 08:00 PM	65.5	70.1	64.4
08:00 PM - 09:00 PM	65.4	70.7	64.3
09:00 PM - 10:00 PM	66.0	79.9	64.3
10:00 PM - 11:00 PM	65.4	69.5	64.4
11:00 PM - 12:00 AM	65.0	70.9	63.2
12:00 AM - 01:00 AM	66.2	71.8	64.7
01:00 AM - 02:00 AM	65.0	77.0	63.7
02:00 AM - 03:00 AM	65.5	70.6	64.5
03:00 AM - 04:00 AM	65.3	70.2	64.3
04:00 AM - 05:00 AM	65.4	70.3	64.4
05:00 AM - 06:00 AM	64.5	70.0	63.4
06:00 AM - 07:00 AM	65.0	75.2	63.8
07:00 AM - 08:00 AM	64.9	73.8	63.9
08:00 AM - 09:00 AM	65.1	81.2	62.8
09:00 AM - 10:00 AM	64.8	77.0	63.4

Leq Average 24 hrs. (dB(A)) 66.7

Lmax (dB(A))

103.7

L90 (dB(A))

63.8

Ldn (dB(A))

72.1

Standard (dB(A))

70

115

Reference Method : ISO 1996-1 : 2016

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการ
โรงงาน พ.ศ. 2548

Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management

Chontichak

Chonticha Subongkoch
Scientist (3)

Approved by

Supot S

Supot Salamteh
Section Head

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S:\Reports_Air Noise.rpt (3:50PM)



Analysis / Test Report



TESTING
No.0042

Client : Thai Polyethylene Co., Ltd.

10, Map Ta Phut Industrial Estate I-1 Road, Map Ta Phut, Muang District, Rayong Thailand 21150

P/O :

Project Name : Environmental Monitoring

Project Location : LDPE

Lot ID: 2590517

Date Received : Nov 18, 2025

Date Reported : Nov 21, 2025

Report Number: 3456561-1

Page 1 of 1

Sample Number 2590517-4
Parameter Noise (Leq 24 hrs.)
Location กิ่งกลางข้าวคันทิศใต้ของโรงงาน LDPE ติดกับถนนของนิคม (GPS 47P 0731925, 1404867)
Measurement Date Nov 14 - Nov 15, 2025
Measurement by Nantawat Sarin
Sound Level meter Serial No. 623393

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	64.8	79.8	63.4
11:00 AM - 12:00 PM	64.8	80.7	63.3
12:00 PM - 01:00 PM	63.8	69.8	62.1
01:00 PM - 02:00 PM	64.2	70.0	63.1
02:00 PM - 03:00 PM	64.0	69.4	61.9
03:00 PM - 04:00 PM	66.3	82.8	65.4
04:00 PM - 05:00 PM	65.2	72.9	62.4
05:00 PM - 06:00 PM	66.3	73.8	65.5
06:00 PM - 07:00 PM	65.7	71.3	62.9
07:00 PM - 08:00 PM	66.8	73.0	66.1
08:00 PM - 09:00 PM	65.7	71.5	63.0
09:00 PM - 10:00 PM	67.0	70.5	65.6
10:00 PM - 11:00 PM	66.4	70.2	63.9
11:00 PM - 12:00 AM	66.9	71.0	64.5
12:00 AM - 01:00 AM	66.5	70.7	63.9
01:00 AM - 02:00 AM	66.9	70.3	65.3
02:00 AM - 03:00 AM	64.8	70.1	63.8
03:00 AM - 04:00 AM	64.5	69.4	63.1
04:00 AM - 05:00 AM	64.9	69.3	63.9
05:00 AM - 06:00 AM	64.3	69.6	62.7
06:00 AM - 07:00 AM	64.8	70.1	63.8
07:00 AM - 08:00 AM	64.7	70.3	63.4
08:00 AM - 09:00 AM	65.1	82.1	63.9
09:00 AM - 10:00 AM	65.0	69.9	63.7

Leq Average 24 hrs. (dB(A))

65.5

Lmax (dB(A))

82.8

L90 (dB(A))

63.7

Ldn (dB(A))

72.0

Standard (dB(A))

70

115

Reference Method : ISO 1996-1 : 2016

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management

Chontichak

Chonticha Subongkoch
Scientist (3)

Approved by

Supot S

Supot Salamteh
Section Head

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S:\Reports_Air Noise.rpt (3:51PM)



Analysis / Test Report



TESTING
No.0042

Client : Thai Polyethylene Co., Ltd.

10, Map Ta Phut Industrial Estate I-1 Road, Map Ta Phut, Muang District, Rayong Thailand 21150

P/O :

Project Name : Environmental Monitoring

Project Location : LDPE

Lot ID: 2590517

Date Received : Nov 18, 2025

Date Reported : Nov 21, 2025

Report Number: 3456562-1

Page 1 of 1

Sample Number 2590517-5
Parameter Noise (Leq 24 hrs.)
Location กิ่งกลางข้าวคันทิศใต้ของโรงงาน LDPE ติดกับถนนของนิคม (GPS 47P 0731925, 1404867)
Measurement Date Nov 15 - Nov 16, 2025
Measurement by Nantawat Sarin
Sound Level meter Serial No. 623393

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	64.9	71.5	63.6
11:00 AM - 12:00 PM	64.1	69.8	62.9
12:00 PM - 01:00 PM	64.3	69.3	63.2
01:00 PM - 02:00 PM	64.3	71.2	63.0
02:00 PM - 03:00 PM	64.4	72.7	63.3
03:00 PM - 04:00 PM	64.0	69.6	62.8
04:00 PM - 05:00 PM	64.6	69.3	63.6
05:00 PM - 06:00 PM	64.5	69.8	63.3
06:00 PM - 07:00 PM	64.7	81.7	62.9
07:00 PM - 08:00 PM	64.6	74.8	63.4
08:00 PM - 09:00 PM	64.2	72.0	63.1
09:00 PM - 10:00 PM	64.8	70.5	63.7
10:00 PM - 11:00 PM	64.4	69.0	63.0
11:00 PM - 12:00 AM	65.5	69.6	64.5
12:00 AM - 01:00 AM	65.6	70.4	63.9
01:00 AM - 02:00 AM	66.9	70.0	66.2
02:00 AM - 03:00 AM	65.7	70.0	63.1
03:00 AM - 04:00 AM	67.2	82.4	66.4
04:00 AM - 05:00 AM	65.6	70.0	63.1
05:00 AM - 06:00 AM	66.7	70.7	66.0
06:00 AM - 07:00 AM	66.2	70.4	63.4
07:00 AM - 08:00 AM	66.9	74.0	66.2
08:00 AM - 09:00 AM	66.4	76.5	64.1
09:00 AM - 10:00 AM	66.2	71.5	63.2

Leq Average 24 hrs. (dB(A))

65.4

Lmax (dB(A))

82.4

L90 (dB(A))

63.3

Ldn (dB(A))

72.3

Standard (dB(A))

70

115

Reference Method : ISO 1996-1 : 2016

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management

Chontichak

Chonticha Subongkoch
Scientist (3)

Approved by

Supot S

Supot Salamteh
Section Head

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S:\Reports_Air Noise.rpt (3:51PM)



Analysis / Test Report



TESTING
No.0042

Client : Thai Polyethylene Co., Ltd.

10, Map Ta Phut Industrial Estate I-1 Road, Map Ta Phut, Muang District, Rayong Thailand 21150

P/O :

Project Name : Environmental Monitoring

Project Location : LDPE

Lot ID: 2590517

Date Received : Nov 18, 2025

Date Reported : Nov 21, 2025

Report Number: 3456563-1

Page 1 of 1

Sample Number 2590517-6
Parameter Noise (Leq 24 hrs.)
Location กึ่งกลางรั้วด้านทิศใต้ของโรงงาน LDPE ติดกับถนนของนิคม (GPS 47P 0731925, 1404867)
Measurement Date Nov 16 - Nov 17, 2025
Measurement by Nantawat Sarin
Sound Level meter Serial No. 623393

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	66.3	70.9	64.3
11:00 AM - 12:00 PM	65.8	73.5	63.1
12:00 PM - 01:00 PM	64.2	70.0	63.1
01:00 PM - 02:00 PM	63.9	76.0	62.5
02:00 PM - 03:00 PM	64.1	69.5	62.9
03:00 PM - 04:00 PM	63.9	70.7	62.5
04:00 PM - 05:00 PM	64.3	71.7	63.1
05:00 PM - 06:00 PM	63.9	69.9	62.7
06:00 PM - 07:00 PM	64.8	76.7	63.4
07:00 PM - 08:00 PM	64.5	73.3	63.1
08:00 PM - 09:00 PM	65.2	73.9	64.0
09:00 PM - 10:00 PM	65.0	73.7	63.7
10:00 PM - 11:00 PM	64.9	70.1	63.8
11:00 PM - 12:00 AM	64.4	69.1	63.1
12:00 AM - 01:00 AM	64.5	69.5	62.8
01:00 AM - 02:00 AM	64.6	69.5	63.4
02:00 AM - 03:00 AM	64.4	69.1	62.8
03:00 AM - 04:00 AM	64.3	69.3	63.0
04:00 AM - 05:00 AM	64.3	71.8	63.0
05:00 AM - 06:00 AM	64.8	70.4	63.6
06:00 AM - 07:00 AM	64.5	73.9	62.9
07:00 AM - 08:00 AM	64.7	74.8	63.5
08:00 AM - 09:00 AM	64.6	80.3	62.0
09:00 AM - 10:00 AM	64.5	73.6	63.1

Leq Average 24 hrs. (dB(A))

64.6

Lmax (dB(A))

80.3

L90 (dB(A))

63.1

Ldn (dB(A))

71.0

Standard (dB(A))

70

115

Reference Method : ISO 1996-1 : 2016

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการ
โรงงาน พ.ศ. 2548

Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management

Chontichak

Chonticha Subongkoch
Scientist (3)

Approved by

Supot S

Supot Salamteh
Section Head

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S:\Reports_Air Noise.rpt (3:51PM)



Analysis / Test Report



TESTING
No.0042

Client : Thai Polyethylene Co., Ltd.

10, Map Ta Phut Industrial Estate I-1 Road, Map Ta Phut, Muang District, Rayong Thailand 21150

P/O :

Project Name : Environmental Monitoring

Project Location : LDPE

Lot ID: 2590517

Date Received : Nov 18, 2025

Date Reported : Nov 21, 2025

Report Number: 3456564-1

Page 1 of 1

Sample Number 2590517-7
Parameter Noise (Leq 24 hrs.)
Location กึ่งกลางรั้วด้านทิศใต้ของโรงงาน LDPE ติดกับถนนของนิคม (GPS 47P 0731925, 1404867)
Measurement Date Nov 17 - Nov 18, 2025
Measurement by Nantawat Sarin
Sound Level meter Serial No. 623393

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	65.1	70.6	62.9
11:00 AM - 12:00 PM	66.4	70.3	65.7
12:00 PM - 01:00 PM	65.3	70.1	62.9
01:00 PM - 02:00 PM	66.2	81.0	65.4
02:00 PM - 03:00 PM	65.7	75.2	63.2
03:00 PM - 04:00 PM	66.5	78.5	64.0
04:00 PM - 05:00 PM	64.7	84.2	63.5
05:00 PM - 06:00 PM	64.5	73.7	63.2
06:00 PM - 07:00 PM	64.5	82.0	63.1
07:00 PM - 08:00 PM	64.2	71.7	62.6
08:00 PM - 09:00 PM	64.4	70.5	63.3
09:00 PM - 10:00 PM	64.3	69.5	63.0
10:00 PM - 11:00 PM	64.3	77.3	63.2
11:00 PM - 12:00 AM	64.1	69.3	62.8
12:00 AM - 01:00 AM	64.5	69.4	63.4
01:00 AM - 02:00 AM	64.1	69.5	62.9
02:00 AM - 03:00 AM	64.2	70.2	62.9
03:00 AM - 04:00 AM	64.6	82.4	62.7
04:00 AM - 05:00 AM	67.1	84.7	63.8
05:00 AM - 06:00 AM	66.7	85.2	62.8
06:00 AM - 07:00 AM	64.9	73.3	63.9
07:00 AM - 08:00 AM	64.0	71.9	62.4
08:00 AM - 09:00 AM	64.5	70.6	63.3
09:00 AM - 10:00 AM	64.1	77.2	62.6

Leq Average 24 hrs. (dB(A))

65.1

Lmax (dB(A))

85.2

L90 (dB(A))

63.1

Ldn (dB(A))

71.5

Standard (dB(A))

70

115

Reference Method : ISO 1996-1 : 2016

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการ
โรงงาน พ.ศ. 2548

Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management

Chontichak

Chonticha Subongkoch
Scientist (3)

Approved by

Supot S

Supot Salamteh
Section Head

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S:\Reports_Air Noise.rpt (3:54PM)



Analysis / Test Report



TESTING
No.0042

Client : Thai Polyethylene Co., Ltd.

10, Map Ta Phut Industrial Estate I-1 Road, Map Ta Phut, Muang District, Rayong Thailand 21150

P/O :

Project Name : Environmental Monitoring

Project Location : LDPE

Lot ID: 2590517

Date Received : Nov 18, 2025

Date Reported : Nov 21, 2025

Report Number: 3456565-1

Page 1 of 1

Sample Number 2590517-8
Parameter Noise (Leq 24 hrs.)
Location กึ่งกลางรั้วด้านทิศตะวันออกของโรงงาน LDPE ติดกับโรงงาน GIS (SPW47P 0732108, 1404917)
Measurement Date Nov 11 - Nov 12, 2025
Measurement by NantaBat varin
Sound Level meter verial No. 623392

Time	Leq (dG(A))	Lmax (dG(A))	L90 (dG(A))
10:00 AM - 11:00 AM	64.8	68.2	64.4
11:00 AM - 12:00 PM	66.3	79.3	64.9
12:00 PM - 01:00 PM	64.8	76.8	64.4
01:00 PM - 02:00 PM	65.7	83.9	64.5
02:00 PM - 03:00 PM	65.3	92.7	64.3
03:00 PM - 04:00 PM	65.1	76.6	64.5
04:00 PM - 05:00 PM	65.0	68.9	64.6
05:00 PM - 06:00 PM	65.2	68.6	64.8
06:00 PM - 07:00 PM	65.3	75.1	64.9
07:00 PM - 08:00 PM	65.4	73.0	65.1
08:00 PM - 09:00 PM	65.3	68.9	65.0
09:00 PM - 10:00 PM	65.2	72.7	64.9
10:00 PM - 11:00 PM	65.2	69.6	64.8
11:00 PM - 12:00 AM	65.5	67.2	65.1
12:00 AM - 01:00 AM	65.3	67.0	65.0
01:00 AM - 02:00 AM	65.4	67.5	65.1
02:00 AM - 03:00 AM	65.5	67.4	65.1
03:00 AM - 04:00 AM	65.4	69.4	65.0
04:00 AM - 05:00 AM	68.5	83.5	66.0
05:00 AM - 06:00 AM	67.5	79.9	66.2
06:00 AM - 07:00 AM	68.0	78.5	66.2
07:00 AM - 08:00 AM	66.3	77.4	65.9
08:00 AM - 09:00 AM	65.8	74.9	65.5
09:00 AM - 10:00 AM	66.3	78.8	65.3

Leq Average 24 hrs. (dG(A)) 65.9

Lmax (dG(A)) 92.7

L90 (dG(A)) 65.0

Ldn (dG(A)) 72.7

Wstandard (dG(A)) 70 115

Reference Method : IwO 1996-1 : 2016

Wstandard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการ
โรงงาน พ.ศ. 2548

Remark : The laboratory has been accepted as an accredited laboratory complying with the IwO/IEC 17025.

Technical Management

Chontichak

Chonticha wubongkoch
scientist (3)

Approved by

Supt S

wupot walamteh
section Head

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S:\Reports_Air Noise.rpt (3:51PM)



Analysis / Test Report



TESTING
No.0042

Client : Thai Polyethylene Co., Ltd.

10, Map Ta Phut Industrial Estate I-1 Road, Map Ta Phut, Muang District, Rayong Thailand 21150

P/O :

Project Name : Environmental Monitoring

Project Location : LDPE

Lot ID: 2590517

Date Received : Nov 18, 2025

Date Reported : Nov 21, 2025

Report Number: 3456566-1

Page 1 of 1

Sample Number 2590517-9
Parameter Noise (Leq 24 hrs.)
Location กึ่งกลางรั้วด้านทิศตะวันออกของโรงงาน LDPE ติดกับโรงงาน GIS (SPW47P 0732108, 1404917)
Measurement Date Nov 12 - Nov 13, 2025
Measurement by NantaBat varin
Sound Level meter verial No. 623392

Time	Leq (dG(A))	Lmax (dG(A))	L90 (dG(A))
10:00 AM - 11:00 AM	68.1	80.1	65.8
11:00 AM - 12:00 PM	67.6	93.2	66.0
12:00 PM - 01:00 PM	65.9	76.4	65.3
01:00 PM - 02:00 PM	65.5	90.8	64.9
02:00 PM - 03:00 PM	65.5	86.3	64.7
03:00 PM - 04:00 PM	65.9	84.4	65.3
04:00 PM - 05:00 PM	65.4	67.2	65.1
05:00 PM - 06:00 PM	65.4	79.4	65.0
06:00 PM - 07:00 PM	65.3	71.5	64.9
07:00 PM - 08:00 PM	65.3	71.0	65.0
08:00 PM - 09:00 PM	65.3	69.9	65.0
09:00 PM - 10:00 PM	65.3	69.9	65.0
10:00 PM - 11:00 PM	65.3	69.0	65.0
11:00 PM - 12:00 AM	65.5	67.4	65.1
12:00 AM - 01:00 AM	65.5	67.3	65.1
01:00 AM - 02:00 AM	65.5	67.9	65.0
02:00 AM - 03:00 AM	65.3	66.9	65.0
03:00 AM - 04:00 AM	65.5	67.2	65.2
04:00 AM - 05:00 AM	65.5	67.6	65.1
05:00 AM - 06:00 AM	65.6	70.6	65.2
06:00 AM - 07:00 AM	65.6	67.9	65.3
07:00 AM - 08:00 AM	65.3	67.6	64.8
08:00 AM - 09:00 AM	65.0	83.5	64.6
09:00 AM - 10:00 AM	65.2	71.6	64.8

Leq Average 24 hrs. (dG(A)) 65.7

Lmax (dG(A)) 93.2

L90 (dG(A)) 65.0

Ldn (dG(A)) 71.9

Wstandard (dG(A)) 70 115

Reference Method : IwO 1996-1 : 2016

Wstandard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการ
โรงงาน พ.ศ. 2548

Remark : The laboratory has been accepted as an accredited laboratory complying with the IwO/IEC 17025.

Technical Management

Chontichak

Chonticha wubongkoch
scientist (3)

Approved by

Supt S

wupot walamteh
section Head

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S:\Reports_Air Noise.rpt (3:52PM)



Analysis / Test Report



TESTING
No.0042

Client : Thai Polyethylene Co., Ltd.

10, Map Ta Phut Industrial Estate I-1 Road, Map Ta Phut, Muang District, Rayong Thailand 21150

P/O :

Project Name : Environmental Monitoring

Project Location : LDPE

Lot ID: 2590517

Date Received : Nov 18, 2025

Date Reported : Nov 21, 2025

Report Number: 345656b-1

Page 1 of 1

Sample Number 257051b-10
Parameter Noise (Leq 24 hrs.)
Location กิ่งกลางข้าวคันทิศตะวันออกของโรงงาน LDPE ติดกับโรงงาน GIS (SPW4bP 0b32108, 140471b)
Measurement Date Nov 13 - Nov 14, 2025
Measurement by NantaBat varin
Sound Level meter verial No. 623372

Time	Leq (dG(A))	Lmax (dG(A))	L70 (dG(A))
10:00 AM - 11:00 AM	65.3	b2.0	64.7
11:00 AM - 12:00 PM	6b.4	b8.5	65.2
12:00 PM - 01:00 PM	65.6	6b.7	65.3
01:00 PM - 02:00 PM	65.5	84.2	65.0
02:00 PM - 03:00 PM	66.2	80.4	65.5
03:00 PM - 04:00 PM	66.3	73.0	65.0
04:00 PM - 05:00 PM	b2.6	106.5	65.1
05:00 PM - 06:00 PM	68.2	b8.1	6b.4
06:00 PM - 0b:00 PM	6b.1	67.0	66.8
0b:00 PM - 08:00 PM	66.b	67.5	66.4
08:00 PM - 07:00 PM	66.2	b2.0	65.8
07:00 PM - 10:00 PM	66.6	81.2	66.1
10:00 PM - 11:00 PM	66.4	b5.6	66.2
11:00 PM - 12:00 AM	66.2	6b.4	66.0
12:00 AM - 01:00 AM	66.2	6b.7	65.8
01:00 AM - 02:00 AM	65.7	6b.1	65.6
02:00 AM - 03:00 AM	65.7	6b.4	65.6
03:00 AM - 04:00 AM	65.7	84.5	65.6
04:00 AM - 05:00 AM	65.7	68.8	65.6
05:00 AM - 06:00 AM	66.0	b0.6	65.b
06:00 AM - 0b:00 AM	66.1	b0.3	65.8
0b:00 AM - 08:00 AM	65.8	83.4	65.4
08:00 AM - 07:00 AM	65.7	b2.3	65.1
07:00 AM - 10:00 AM	65.6	88.b	65.0

Leq Average 24 hrs. (dG(A))

66.8

Lmax (dG(A))

106.5

L70 (dG(A))

65.6

Ldn (dG(A))

b2.b

Standard (dG(A))

b0

115

Reference Method : IwO 1776-1 : 2016

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการ
โรงงาน พ.ศ. 2548

Remark : The laboratory has been accepted as an accredited laboratory complying with the IwO/IEC 1b025.

Technical Management

Chontichak

Chonticha wuf ongkoch
scientist (3)

Approved by

Supt S

wupot walamteh
section Head

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Analysis / Test Report



TESTING
No.0042

Client : Thai Polyethylene Co., Ltd.

10, Map Ta Phut Industrial Estate I-1 Road, Map Ta Phut, Muang District, Rayong Thailand 21150

P/O :

Project Name : Environmental Monitoring

Project Location : LDPE

Lot ID: 2590517

Date Received : Nov 18, 2025

Date Reported : Nov 21, 2025

Report Number: 345656b-1

Page 1 of 1

Sample Number 2590517-11
Parameter Noise (Leq 24 hrs.)
Location กิ่งกลางข้าวคันทิศตะวันออกของโรงงาน LDPE ติดกับโรงงาน GIS (SPW47P 0732108, 1404917)
Measurement Date Nov 14 - Nov 15, 2025
Measurement by NantaBat varin
Sound Level meter verial No. 623392

Time	Leq (dG(A))	Lmax (dG(A))	L90 (dG(A))
10:00 AM - 11:00 AM	65.4	81.7	64.8
11:00 AM - 12:00 PM	65.5	90.4	64.7
12:00 PM - 01:00 PM	64.9	74.8	64.4
01:00 PM - 02:00 PM	64.7	69.5	64.3
02:00 PM - 03:00 PM	64.8	79.9	64.4
03:00 PM - 04:00 PM	66.3	89.7	64.7
04:00 PM - 05:00 PM	65.4	76.7	65.1
05:00 PM - 06:00 PM	65.3	73.9	65.0
06:00 PM - 07:00 PM	65.4	67.3	65.0
07:00 PM - 08:00 PM	65.4	74.9	65.1
08:00 PM - 09:00 PM	65.5	71.3	65.1
09:00 PM - 10:00 PM	65.5	72.1	65.2
10:00 PM - 11:00 PM	65.6	79.2	65.2
11:00 PM - 12:00 AM	65.7	71.8	65.3
12:00 AM - 01:00 AM	65.6	78.5	65.2
01:00 AM - 02:00 AM	65.5	76.8	65.1
02:00 AM - 03:00 AM	65.6	69.4	65.3
03:00 AM - 04:00 AM	65.7	68.5	65.3
04:00 AM - 05:00 AM	65.7	68.8	65.3
05:00 AM - 06:00 AM	65.7	80.6	65.3
06:00 AM - 07:00 AM	65.7	71.5	65.3
07:00 AM - 08:00 AM	65.5	77.4	65.1
08:00 AM - 09:00 AM	65.6	78.6	65.0
09:00 AM - 10:00 AM	65.8	79.8	65.0

Leq Average 24 hrs. (dG(A))

65.5

Lmax (dG(A))

90.4

L90 (dG(A))

65.1

Ldn (dG(A))

72.0

Standard (dG(A))

70

115

Reference Method : IwO 1996-1 : 2016

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการ
โรงงาน พ.ศ. 2548

Remark : The laboratory has been accepted as an accredited laboratory complying with the IwO/IEC 17025.

Technical Management

Chontichak

Chonticha wubongkoch
scientist (3)

Approved by

Supt S

wupot walamteh
section Head

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Analysis / Test Report



TESTING
No.0042

Client : Thai Polyethylene Co., Ltd.

10, Map Ta Phut Industrial Estate I-1 Road, Map Ta Phut, Muang District, Rayong Thailand 21150

P/O :

Project Name : Environmental Monitoring

Project Location : LDPE

Lot ID: 2590517

Date Received : Nov 18, 2025

Date Reported : Nov 21, 2025

Report Number: 345656b-1

Page 1 of 1

Sample Number 25b0517-12
Parameter Noise (Leq 24 hrs.)
Location กิ่งกลางวัดด้านทิศตะวันออกของโรงงาน LDPE ติดกับโรงงาน GIS (SPW47P 0732108, 1404b17)
Measurement Date Nov 15 - Nov 16, 2025
Measurement by NantaBat varin
Sound Level meter verial No. 6233b2

Time	Leq (dG(A))	Lmax (dG(A))	Lb0 (dG(A))
10:00 AM - 11:00 AM	66.8	b0.6	64.8
11:00 AM - 12:00 PM	66.2	8b.3	64.b
12:00 PM - 01:00 PM	65.2	82.7	64.6
01:00 PM - 02:00 PM	65.7	88.5	64.6
02:00 PM - 03:00 PM	66.8	b1.4	64.8
03:00 PM - 04:00 PM	67.3	b2.5	64.6
04:00 PM - 05:00 PM	65.1	68.1	64.6
05:00 PM - 06:00 PM	65.3	78.3	64.7
06:00 PM - 07:00 PM	65.3	68.8	64.b
07:00 PM - 08:00 PM	65.4	68.2	65.1
08:00 PM - 09:00 PM	65.5	81.3	65.1
09:00 PM - 10:00 PM	65.5	67.7	65.1
10:00 PM - 11:00 PM	65.b	74.5	65.4
11:00 PM - 12:00 AM	66.0	68.6	65.6
12:00 AM - 01:00 AM	65.7	67.4	65.3
01:00 AM - 02:00 AM	65.7	67.8	65.3
02:00 AM - 03:00 AM	65.7	71.8	65.4
03:00 AM - 04:00 AM	65.b	6b.1	65.5
04:00 AM - 05:00 AM	65.b	6b.1	65.5
05:00 AM - 06:00 AM	66.0	6b.4	65.6
06:00 AM - 07:00 AM	65.b	75.1	65.6
07:00 AM - 08:00 AM	65.b	73.0	65.5
08:00 AM - 09:00 AM	65.8	78.2	65.3
09:00 AM - 10:00 AM	65.4	68.0	65.0

Leq Average 24 hrs. (dG(A))

65.b

Lmax (dG(A))

b2.5

Lb0 (dG(A))

65.1

Ldn (dG(A))

72.3

Standard (dG(A))

70

115

Reference Method : IwO 1bb6-1 : 2016

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการ
โรงงาน พ.ศ. 2548

Remark : The laboratory has been accepted as an accredited laboratory complying with the IwO/IEC 17025.

Technical Management

Chontichak

Chonticha wuf ongkoch
scientist (3)

Approved by

Supt S

wupot walamteh
section Head

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1b80-261 / EMAIL

S:\Reports_Air Noise.rpt (3:52PM)



Analysis / Test Report



TESTING
No.0042

Client : Thai Polyethylene Co., Ltd.

10, Map Ta Phut Industrial Estate I-1 Road, Map Ta Phut, Muang District, Rayong Thailand 21150

P/O :

Project Name : Environmental Monitoring

Project Location : LDPE

Lot ID: 2590517

Date Received : Nov 18, 2025

Date Reported : Nov 21, 2025

Report Number: 345656b-1

Page 1 of 1

Sample Number 257051b-13
Parameter Noise (Leq 24 hrs.)
Location กิ่งกลางวัดด้านทิศตะวันออกของโรงงาน LDPE ติดกับโรงงาน GIS (SPW4bP 0b32108, 140471b)
Measurement Date Nov 16 - Nov 1b, 2025
Measurement by NantaBat varin
Sound Level meter verial No. 623372

Time	Leq (dG(A))	Lmax (dG(A))	L70 (dG(A))
10:00 AM - 11:00 AM	65.4	84.8	64.7
11:00 AM - 12:00 PM	65.2	b3.4	64.b
12:00 PM - 01:00 PM	65.0	b1.7	64.5
01:00 PM - 02:00 PM	65.7	73.0	64.4
02:00 PM - 03:00 PM	65.0	6b.7	64.6
03:00 PM - 04:00 PM	65.5	71.8	64.b
04:00 PM - 05:00 PM	65.2	67.1	64.b
05:00 PM - 06:00 PM	64.7	68.6	64.5
06:00 PM - 07:00 PM	65.4	68.6	64.7
07:00 PM - 08:00 PM	65.b	80.2	65.1
08:00 PM - 09:00 PM	66.2	74.6	65.4
09:00 PM - 10:00 PM	66.2	b5.2	65.6
10:00 PM - 11:00 PM	66.0	83.2	65.4
11:00 PM - 12:00 AM	65.8	68.1	65.4
12:00 AM - 01:00 AM	65.7	67.5	65.6
01:00 AM - 02:00 AM	66.0	bb.b	65.5
02:00 AM - 03:00 AM	66.1	b5.6	65.5
03:00 AM - 04:00 AM	65.8	b1.7	65.4
04:00 AM - 05:00 AM	65.8	b5.b	65.4
05:00 AM - 06:00 AM	65.8	68.3	65.4
06:00 AM - 07:00 AM	65.7	67.1	65.5
07:00 AM - 08:00 AM	65.b	bb.b	65.3
08:00 AM - 09:00 AM	65.5	81.0	65.1
09:00 AM - 10:00 AM	65.2	b4.4	64.8

Leq Average 24 hrs. (dG(A))

65.6

Lmax (dG(A))

74.6

L70 (dG(A))

65.1

Ldn (dG(A))

b2.3

Standard (dG(A))

b0

115

Reference Method : IwO 1776-1 : 2016

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการ
โรงงาน พ.ศ. 2548

Remark : The laboratory has been accepted as an accredited laboratory complying with the IwO/IEC 1b025.

Technical Management

Chontichak

Chonticha wuf ongkoch
scientist (3)

Approved by

Supt S

wupot walamteh
section Head

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S:\Reports_Air Noise.rpt (3:52PM)



Analysis / Test Report



TESTING
No.0042

Client : Thai Polyethylene Co., Ltd.
10, Map Ta Phut Industrial Estate I-1 Road, Map Ta Phut, Muang District, Rayong Thailand 21150

Lot ID: 2590517
Date Received : Nov 18, 2025
Date Reported : Nov 21, 2025
Report Number: 34565b1-1

P/O :
Project Name : Environmental Monitoring
Project Location : LDPE

Page 1 of 1

Sample Number : 257051b-14
Parameter : Noise (Leq 24 hrs.)
Location : กึ่งกลางรั้วด้านทิศตะวันออกของโรงงาน LDPE ติดกับโรงงาน GIS (SPW4bP 0b32108, 140471b)
Measurement Date : Nov 1b - Nov 18, 2025
Measurement by : NantaB at varin
Sound Level meter : verial No. 623372

Time	Leq (dG(A))	Lmax (dG(A))	L70 (dG(A))
10:00 AM - 11:00 AM	65.3	b7.8	64.6
11:00 AM - 12:00 PM	65.4	72.2	64.b
12:00 PM - 01:00 PM	65.1	b0.b	64.8
01:00 PM - 02:00 PM	65.2	b0.5	64.8
02:00 PM - 03:00 PM	65.2	b0.1	64.7
03:00 PM - 04:00 PM	66.2	b6.8	65.3
04:00 PM - 05:00 PM	65.8	b6.1	65.4
05:00 PM - 06:00 PM	65.b	67.1	65.3
06:00 PM - 0b:00 PM	65.8	b3.1	65.4
0b:00 PM - 08:00 PM	65.7	b6.8	65.5
08:00 PM - 07:00 PM	65.8	b0.4	65.5
07:00 PM - 10:00 PM	65.8	68.1	65.5
10:00 PM - 11:00 PM	66.0	b3.0	65.6
11:00 PM - 12:00 AM	66.1	b7.0	65.b
12:00 AM - 01:00 AM	66.0	b0.3	65.6
01:00 AM - 02:00 AM	65.2	67.1	64.b
02:00 AM - 03:00 AM	65.7	b3.0	65.5
03:00 AM - 04:00 AM	65.8	b8.2	65.3
04:00 AM - 05:00 AM	65.7	b4.5	65.4
05:00 AM - 06:00 AM	66.0	68.6	65.6
06:00 AM - 0b:00 AM	66.3	b7.3	64.7
0b:00 AM - 08:00 AM	64.8	b6.8	64.4
08:00 AM - 07:00 AM	65.b	80.2	65.1
07:00 AM - 10:00 AM	66.2	74.6	65.4

Leq Average 24 hrs. (dG(A)) : 65.b
Lmax (dG(A)) : 74.6
L70 (dG(A)) : 65.3
Ldn (dG(A)) : b2.3
vstandard (dG(A)) : b0 115

Reference Method : IwO 1776-1 : 2016

vstandard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

Remark : The laboratory has been accepted as an accredited laboratory complying with the IwO/IEC 1b025.

Technical Management

Chontichak

Chonticha wuf ongkoch
scientist (3)

Approved by

Supt S

wupot walamteh
section Head

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ภาคผนวก ค-4

ระดับเสียงทั่วไป



Analysis / Test Report

Client : Thai Polyethylene Co., Ltd.

10, Map Ta Phut Industrial Estate I-1 Road, Map Ta Phut, Muang District, Rayong
Thailand 21150

P/O : 5002206654, 5002206780

Project Name : Environmental Monitoring

Project Location: LDPE_S1



TESTING

No.0042

Lot ID: 2552500

Date Received : Jul 07, 2025

Date Reported : Jul 24, 2025

Report Number : 3321125-1 C1

Page 1 of 2

Sample Number	2552500-1
Sampled Date	Jul 07, 2025 10:38 AM
Sample Description	Wastewater
Location	บ่อดักและบำบัดน้ำเสีย (Check Pond)
Date Analysis Commenced	Jul 07, 2025
Condition of Sample	Contained in two glass vials, one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	<2.0	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Rayong
COD	mg/L	1.5	25	27	≤120	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
Color (at Original pH)	ADMI	-	5	18	≤300	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2120 F	Rayong
Color (at pH 7.0)	ADMI	-	5	14	≤300	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2120 F	Rayong
Oil & Grease	mg/L	-	3	<3	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Rayong
pH at 25 degree C		-	-	7.8	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	35.2	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	812	≤3000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	12	≤50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Rayong

Technical Management

Photchanas

Photchana Seeda
Scientist (4)

ทะเบียนเลขที่ ว-323-จ-0028

Approved by

D. Chumson

Dej Changchon
Senior Manager

ทะเบียนเลขที่ ว-323-ค-0001

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Analysis / Test Report

Client : Thai Polyethylene Co., Ltd.

10, Map Ta Phut Industrial Estate I-1 Road, Map Ta Phut, Muang District, Rayong
Thailand 21150

P/O : 5002206654, 5002206780

Project Name : Environmental Monitoring

Project Location: LDPE_S1



TESTING

No.0042

Lot ID: 2552500

Date Received : Jul 07, 2025

Date Reported : Jul 24, 2025

Report Number : 3321125-1 C1

Page 2 of 2

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).
Sampled By : Wanlop Hunchainawong ทะเบียนเลขที่ ว-323-จ-0038 , Pattarapol Sawangjaitam ทะเบียนเลขที่ ว-204-จ-0002

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- Analyte(s) marked * is/are not included in scope of Accreditation ISO/IEC 17025.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Photchanas

Photchana Seeda
Scientist (4)

ทะเบียนเลขที่ ว-323-จ-0028

Approved by

D. Chumson

Dej Changchon
Senior Manager

ทะเบียนเลขที่ ว-323-ค-0001

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Analysis / Test Report

Client : Thai Polyethylene Co., Ltd.

10, Map Ta Phut Industrial Estate I-1 Road, Map Ta Phut, Muang District, Rayong
Thailand 21150

P/O : 5002206654, 5002206780

Project Name : Environmental Monitoring

Project Location : LDPE_S1

TESTING

No.0042

Lot ID: 2563098

Date Received : Aug 01, 2025

Date Reported : Aug 09, 2025

Report Number : 3348935-1 C1

Page 1 of 2

Sample Number	2563098-1
Sampled Date	Aug 01, 2025 10:05 AM
Sample Description	Wastewater
Location	บ่อดักตรวจสอบคุณภาพน้ำ (Check Pond)
Date Analysis Commenced	Aug 01, 2025
Condition of Sample	Contained in one amber glass bottle, two glass vials and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	<2.0	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Rayong
COD	mg/L	1.5	25	<25	≤120	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
Color (at Original pH)	ADMI	-	5	9	≤300	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2120 F	Rayong
Color (at pH 7.0)	ADMI	-	5	8	≤300	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2120 F	Rayong
Oil & Grease	mg/L	-	3	<3	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Rayong
pH at 25 degree C		-	-	7.8	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	33.9	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	576	≤3000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	6	≤50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Rayong

Technical Management

Photchanas

Photchana Seeda
Scientist (4)

ทะเบียนเลขที่ ว-323-จ-0028

Approved by

D. Changchon

Dej Changchon
Senior Manager

ทะเบียนเลขที่ ว-323-ค-0001

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Analysis / Test Report

Client : Thai Polyethylene Co., Ltd.

10, Map Ta Phut Industrial Estate I-1 Road, Map Ta Phut, Muang District, Rayong
Thailand 21150

P/O : 5002206654, 5002206780

Project Name : Environmental Monitoring

Project Location : LDPE_S1

TESTING

No.0042

Lot ID: 2563098

Date Received : Aug 01, 2025

Date Reported : Aug 09, 2025

Report Number : 3348935-1 C1

Page 2 of 2

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).
Sampled By : Wanlop Hunchainao ทะเบียนเลขที่ ว-323-จ-0038 , Samart Khumplhee ทะเบียนเลขที่ ว-204-จ-0084

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- Analyte(s) marked * is/are not included in scope of Accreditation ISO/IEC 17025.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Photchanas

Photchana Seeda
Scientist (4)

ทะเบียนเลขที่ ว-323-จ-0028

Approved by

D. Changchon

Dej Changchon
Senior Manager

ทะเบียนเลขที่ ว-323-ค-0001

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Analysis / Test Report

Client : Thai Polyethylene Co., Ltd.

10, Map Ta Phut Industrial Estate I-1 Road, Map Ta Phut, Muang District, Rayong
Thailand 21150

P/O : 5002206654, 5002206780

Project Name : Environmental Monitoring

Project Location: LDPE_S1



TESTING

No.0042

Lot ID: 2574504

Date Received : Sep 05, 2025

Date Reported : Sep 13, 2025

Report Number : 3377784-1 C1

Page 1 of 2

Sample Number	2574504-1						
Sampled Date	Sep 05, 2025 10:40 AM						
Sample Description	Wastewater						
Location	บ่อตรวจวัดคุณภาพน้ำ (Check Pond)						
Date Analysis Commenced	Sep 05, 2025						
Condition of Sample	Contained in two glass vials, one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	<2.0	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Rayong
COD	mg/L	1.5	25	<25	≤120	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
Color (at Original pH)	ADMI	-	5	7	≤300	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2120 F	Rayong
Color (at pH 7.0)	ADMI	-	5	7	≤300	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2120 F	Rayong
Oil & Grease	mg/L	-	3	<3	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Rayong
pH at 25 degree C		-	-	7.7	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	34.5	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	560	≤3000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	21	≤50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Rayong

Technical Management

Jitsupa P.

Jitsupa Pratuangsuk
Scientist (2)

ทะเบียนเลขที่ ว-323-จ-0004

Approved by

D. Chongchon

Dej Changchon
Senior Manager

ทะเบียนเลขที่ ว-323-ค-0001

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Analysis / Test Report

Client : Thai Polyethylene Co., Ltd.

10, Map Ta Phut Industrial Estate I-1 Road, Map Ta Phut, Muang District, Rayong
Thailand 21150

P/O : 5002206654, 5002206780

Project Name : Environmental Monitoring

Project Location: LDPE_S1



TESTING

No.0042

Lot ID: 2574504

Date Received : Sep 05, 2025

Date Reported : Sep 13, 2025

Report Number : 3377784-1 C1

Page 2 of 2

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).
Sampled By : Narunat thammasaro ทะเบียนเลขที่ ว-323-จ-0052 , Samart Khumplhee ทะเบียนเลขที่ ว-204-จ-0084

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- Analyte(s) marked * is/are not included in scope of Accreditation ISO/IEC 17025.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Jitsupa P.

Jitsupa Pratuangsuk
Scientist (2)

ทะเบียนเลขที่ ว-323-จ-0004

Approved by

D. Chongchon

Dej Changchon
Senior Manager

ทะเบียนเลขที่ ว-323-ค-0001

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Analysis / Test Report

Client : Thai Polyethylene Co., Ltd.
10, Map Ta Phut Industrial Estate I-1 Road, Map Ta Phut, Muang District, Rayong
Thailand 21150

P/O :

Project Name : Environmental Monitoring

Project Location : TPE Site 1



TESTING

No.0042

Lot ID: 2583069

Date Received : Oct 03, 2025

Date Reported : Oct 11, 2025

Report Number : 3396820-1

Page 1 of 2

Sample Number	2583069-1
Sampled Date	Oct 03, 2025 10:40 AM
Sample Description	Wastewater
Location	Final Check Pond ของโรงงาน LDPE
Date Analysis Commenced	Oct 03, 2025
Condition of Sample	Contained in one amber glass bottle, two glass vials and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	<2.0	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Rayong
COD	mg/L	1.5	25	39	≤120	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
Color (at Original pH)	ADMI	-	5	9	≤300	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2120 F	Rayong
Color (at pH 7.0)	ADMI	-	5	8	≤300	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2120 F	Rayong
Oil & Grease	mg/L	-	3	<3	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Rayong
pH at 25 degree C		-	-	7.7	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	32.9	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	596	≤3000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	<5	≤50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Rayong

Technical Management

Photchanas

Photchanas Seeda

Scientist (4)

ทะเบียนเลขที่ ว-323-จ-0028

Approved by

D. Chamon

Dej Changchon

Senior Manager

ทะเบียนเลขที่ ว-323-ค-0001

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Analysis / Test Report

Client : Thai Polyethylene Co., Ltd.
10, Map Ta Phut Industrial Estate I-1 Road, Map Ta Phut, Muang District, Rayong
Thailand 21150

P/O :

Project Name : Environmental Monitoring

Project Location : TPE Site 1



TESTING

No.0042

Lot ID: 2583069

Date Received : Oct 03, 2025

Date Reported : Oct 11, 2025

Report Number : 3396820-1

Page 2 of 2

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).
Sampling By : Narunat thammassaro ทะเบียนเลขที่ ว-323-จ-0052, Samart Khumphlee ทะเบียนเลขที่ ว-204-จ-0084

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- Analyte(s) marked * is/are not included in scope of Accreditation ISO/IEC 17025.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Photchanas

Photchanas Seeda

Scientist (4)

ทะเบียนเลขที่ ว-323-จ-0028

Approved by

D. Chamon

Dej Changchon

Senior Manager

ทะเบียนเลขที่ ว-323-ค-0001

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Analysis / Test Report

Client : Thai Polyethylene Co., Ltd.

10, Map Ta Phut Industrial Estate I-1 Road, Map Ta Phut, Muang District, Rayong
Thailand 21150

P/O :

Project Name : Environmental Monitoring

Project Location : TPE Site 1

Lot ID: 2563098

Date Received : Oct 03, 2025

Date Reported : Oct 11, 2025

Report Number : 3396820-2

Page 1 of 1

Sample Number	2583069-1
Sampled Date	Oct 03, 2025 10:40 AM
Sample Description	Wastewater
Location	Final Check Pond บ่อตรวจสอบน้ำ LDPE
Date Analysis Commenced	Oct 03, 2025
Condition of Sample	Contained in one amber glass bottle, two glass vials and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Chloride as Cl	mg/L	0.5	1	112	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Cl (D)	Rayong
Total Organic Carbon	mg/L	0.01	0.1	9.88	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5310 B	Bangkok

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Sampling vy : Narunat thammassaro , Samart Khumphlee

Remark :

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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

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ApproBed by

Nant Somb

Nanthawadee Somboon
Specialist 2

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Analysis / Test Report

Client : Thai Polyethylene Co., Ltd.

10, Map Ta Phut Industrial Estate I-1 Road, Map Ta Phut, Muang District, Rayong
Thailand 21150

P/O : 5002206654, 5002206780

Project Name : Environmental Monitoring

Project Location : LDPE_S1



TESTING

No.0042

Lot ID: 2589678

Date Received : Nov 07, 2025

Date Reported : Nov 15, 2025

Report Number : 3412730-1 C1

Page 1 of 2

Sample Number	2589678-1
Sampled Date	Nov 07, 2025 11:05 AM
Sample Description	Wastewater
Location	บ่อตรวจสอบคุณภาพน้ำ (Check Pond)
Date Analysis Commenced	Nov 07, 2025
Condition of Sample	Contained in two glass vials, one amber glass bottle and three plastic bottles. Sample containers comply to pretreatment - preservation standards. (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	<2.0	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Rayong
COD	mg/L	1.5	25	<25	≤120	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
Color (at Original pH)	ADMI	-	5	7	≤300	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2120 F	Rayong
Color (at pH 7.0)	ADMI	-	5	6	≤300	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2120 F	Rayong
Oil & Grease	mg/L	-	3	<3	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Rayong
pH at 25 degree C		-	-	7.7	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	34.4	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	384	≤3000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	28	≤50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Rayong

Technical Management

Photchana S

Photchana Seeda
Scientist (4)

ทะเบียนเลขที่ ว-323-ว-0028

Approved by

D. Changchon

Dej Changchon
Senior Manager

ทะเบียนเลขที่ ว-323-ว-0001

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Thailand 21150

P/O : 5002206654, 5002206780

Project Name : Environmental Monitoring

Project Location : LDPE_S1



TESTING
No.0042

Lot ID: 2589678

Date Received : Nov 07, 2025

Date Reported : Nov 15, 2025

Report Number : 3412730-1 C1

Page 2 of 2

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Sampled By : Phongthep Sitthiloh ทะเบียนเลขที่ ว-323-จ-0023 , Kardbundit Kitisupavanit ทะเบียนเลขที่ ว-204-จ-0001

Remark :

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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Photchanas

Photchana Seeda
Scientist (4)

ทะเบียนเลขที่ ว-323-จ-0028

Approved by

D. Chongchon

Dej Changchon
Senior Manager

ทะเบียนเลขที่ ว-323-ค-0001

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Analysis / Test Report

Client : Thai Polyethylene Co., Ltd.

10, Map Ta Phut Industrial Estate I-1 Road, Map Ta Phut, Muang District, Rayong
Thailand 21150

P/O :

Project Name : Environmental Monitoring

Project Location : TPE Site 1



TESTING
No.0042

Lot ID: 25101682

Date Received : Dec 09, 2025

Date Reported : Dec 18, 2025

Report Number : 3442109-1

Page 1 of 2

Sample Number	25101682-1
Sampled Date	Dec 09, 2025 11:00 AM
Sample Description	Wastewater
Location	Final Check Pond ของโรงงาน LDPE
Date Analysis Commenced	Dec 09, 2025
Condition of Sample	Contained in one amber glass bottle, two glass vials and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	<2.0	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Rayong
COD	mg/L	1.5	25	<25	≤120	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Rayong
Color (at Original pH)	ADMI	-	5	10	≤300	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2120 F	Rayong
Color (at pH 7.0)	ADMI	-	5	8	≤300	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2120 F	Rayong
Oil & Grease	mg/L	-	3	<3	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Rayong
pH at 25 degree C		-	-	7.8	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	31.6	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	472	≤3000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	16	≤50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Rayong

Technical Management

Photchanas

Photchana Seeda
Scientist (4)

ทะเบียนเลขที่ ว-323-จ-0028

Approved by

D. Chongchon

Dej Changchon
Senior Manager

ทะเบียนเลขที่ ว-323-ค-0001

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Analysis / Test Report

Client : Thai Polyethylene Co., Ltd.

10, Map Ta Phut Industrial Estate I-1 Road, Map Ta Phut, Muang District, Rayong
Thailand 21150

P/O :

Project Name : Environmental Monitoring

Project Location: TPE Site 1

TESTING

No.0042

Lot ID: 25101682

Date Received : Dec 09, 2025

Date Reported : Dec 18, 2025

Report Number : 3442109-1

Page 2 of 2

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Sampling By : Surawit Narapong ทะเบียนเลขที่ ร-323-จ-0011 , Pattarapol Sawangjaitam ทะเบียนเลขที่ ร-204-จ-0002

Remark :

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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

Photchanas

Photchana Seeda
Scientist (4)
ทะเบียนเลขที่ ร-323-จ-0028

Approved by

D. Chamon

Dej Changchon
Senior Manager
ทะเบียนเลขที่ ร-323-ค-0001

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ภาคผนวก ค-5

คุณภาพอากาศในสถานประกอบการ



Analysis / Test Report

Client : Thai Polyethylene Co., Ltd.

10, Map Ta Phut Industrial Estate I-1 Road, Map Ta Phut, Muang District, Rayong
Thailand 21150

P/O : Check

Project Name : Environmental Monitoring

Project Location : LDPE

Lot ID: 2563361

Date Received : Aug 05, 2025

Date Reported : Aug 14, 2025

Report Number : 3349353-1

Page 1 of 3

Sample Number 2563361-1
Sampled Date Aug 04, 2025
Sample Description Air Quality
Location Compressor House
Date Analysis Commenced Aug 06, 2025
Condition of Sample Drawn into two 10-L air sampling bags
Barometric Pressure 757 mmHg
Atmospheric Temperature 32.4 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Ethylene	08:30 AM - 10:30 AM	ppm	-	1.0	<1.0	200	Based on ASTM, D 2712-18	ACGIH	Bangkok
Propane	08:30 AM - 10:30 AM	ppm	-	1.0	<1.0	No Standard	Based on ASTM, D 2712-91	-	Bangkok
Total Hydrocarbon as Methane	08:30 AM - 10:30 AM	ppm	-	1.0	5.7	No Standard	Total Hydrocarbon Analyzer	-	Rayong

Guideline :

ACGIH : The American Conference of Governmental Industrial Hygiene, The 6th edition of the Documentation of the Threshold Limit Values and Biological Exposure Indices (2025).

Sampled By : Amnat Wongsakhen

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

Approved by

Orawan R.

Orawan Rakyong
Scientist (3)

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Analysis / Test Report

Client : Thai Polyethylene Co., Ltd.

10, Map Ta Phut Industrial Estate I-1 Road, Map Ta Phut, Muang District, Rayong
Thailand 21150

P/O : Check

Project Name : Environmental Monitoring

Project Location : LDPE

Lot ID: 2563361

Date Received : Aug 05, 2025

Date Reported : Aug 14, 2025

Report Number : 3349353-1

Page 2 of 3

Sample Number 2563361-2
Sampled Date Aug 04, 2025
Sample Description Air Quality
Location Degassing Hopper
Date Analysis Commenced Aug 06, 2025
Condition of Sample Drawn into two 10-L air sampling bags
Barometric Pressure 757 mmHg
Atmospheric Temperature 32.4 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Ethylene	08:30 AM - 10:30 AM	ppm	-	1.0	<1.0	200	Based on ASTM, D 2712-18	ACGIH	Bangkok
Propane	08:30 AM - 10:30 AM	ppm	-	1.0	<1.0	No Standard	Based on ASTM, D 2712-91	-	Bangkok
Total Hydrocarbon as Methane	08:30 AM - 10:30 AM	ppm	-	1.0	2.5	No Standard	Total Hydrocarbon Analyzer	-	Rayong

Guideline :

ACGIH : The American Conference of Governmental Industrial Hygiene, The 6th edition of the Documentation of the Threshold Limit Values and Biological Exposure Indices (2025).

Sampled By : Amnat Wongsakhen

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

Approved by

Orawan R.

Orawan Rakyong
Scientist (3)

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Analysis / Test Report

Client : Thai Polyethylene Co., Ltd.

10, Map Ta Phut Industrial Estate I-1 Road, Map Ta Phut, Muang District, Rayong
Thailand 21150

P/O : Check

Project Name : Environmental Monitoring

Project Location : LDPE

Lot ID: 2563361

Date Received : Aug 05, 2025

Date Reported : Aug 14, 2025

Report Number : 3349353-1

Page 3 of 3

Sample Number 2563361-3
Sampled Date Aug 04, 2025
Sample Description Air Quality
Location Recycle Gas Cooler
Date Analysis Commenced Aug 06, 2025
Condition of Sample Drawn into two 10-L air sampling bags
Barometric Pressure 757 mmHg
Atmospheric Temperature 32.4 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Ethylene	08:30 AM - 10:30 AM	ppm	-	1.0	<1.0	200	Based on ASTM, D 2712-18	ACGIH	Bangkok
Propane	08:30 AM - 10:30 AM	ppm	-	1.0	<1.0	No Standard	Based on ASTM, D 2712-91	-	Bangkok
Total Hydrocarbon as Methane	08:30 AM - 10:30 AM	ppm	-	1.0	12.9	No Standard	Total Hydrocarbon Analyzer	-	Rayong

Guideline :

ACGIH : The American Conference of Governmental Industrial Hygiene, The 6th edition of the Documentation of the Threshold Limit Values and Biological Exposure Indices (2025).

Sampled By : Amnat Wongsakhen

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

Approved by

Orawan R.

Orawan Rakyong
Scientist (3)

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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Analysis / Test Report

Client : Thai Polyethylene Co., Ltd.

10, Map Ta Phut Industrial Estate I-1 Road, Map Ta Phut, Muang District, Rayong
Thailand 21150

P/O :

Project Name : Environmental Monitoring

Project Location : LDPE

Lot ID: 2590585

Date Received : Nov 21, 2025

Date Reported : Nov 28, 2025

Report Number : 3415005-1

Page 1 of 3

Sample Number 2590585-1
Sampled Date Nov 19, 2025
Sample Description Air Quality
Location Compressor House
Date Analysis Commenced Nov 22, 2025
Condition of Sample Drawn into two 10-L air sampling bags
Barometric Pressure 754 mmHg
Atmospheric Temperature 30.2 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Ethylene	09:00 AM - 11:00 AM	ppm	-	1.0	<1.0	200	Based on ASTM, D 2712-18	ACGIH	Bangkok
Propane	09:00 AM - 11:00 AM	ppm	-	1.0	<1.0	No Standard	Based on ASTM, D 2712-91	-	Bangkok
Total Hydrocarbon as Methane	09:00 AM - 11:00 AM	ppm	-	1.0	4.5	No Standard	Total Hydrocarbon Analyzer	-	Rayong

Guideline :

ACGIH : The American Conference of Governmental Industrial Hygiene, The 6th edition of the Documentation of the Threshold Limit Values and Biological Exposure Indices (2025).

Sampled By : Chanon Booncheun

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

Approved by

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Analysis / Test Report

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Thailand 21150

P/O :

Project Name : Environmental Monitoring

Project Location : LDPE

Lot ID: 2590585

Date Received : Nov 21, 2025

Date Reported : Nov 28, 2025

Report Number : 3415005-1

Page 2 of 3

Sample Number 2590585-2
Sampled Date Nov 19, 2025
Sample Description Air Quality
Location Degassing Hopper
Date Analysis Commenced Nov 22, 2025
Condition of Sample Drawn into two 10-L air sampling bags
Barometric Pressure 754 mmHg
Atmospheric Temperature 30.2 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Ethylene	09:00 AM - 11:00 AM	ppm	-	1.0	<1.0	200	Based on ASTM, D 2712-18	ACGIH	Bangkok
Propane	09:00 AM - 11:00 AM	ppm	-	1.0	<1.0	No Standard	Based on ASTM, D 2712-91	-	Bangkok
Total Hydrocarbon as Methane	09:00 AM - 11:00 AM	ppm	-	1.0	3.7	No Standard	Total Hydrocarbon Analyzer	-	Rayong

Guideline :

ACGIH : The American Conference of Governmental Industrial Hygiene, The 6th edition of the Documentation of the Threshold Limit Values and Biological Exposure Indices (2025).

Sampled By : Chanon Booncheun

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

Approved by

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Orawan Rakyong
Scientist (3)

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Thailand 21150

P/O :

Project Name : Environmental Monitoring

Project Location : LDPE

Lot ID: 2590585

Date Received : Nov 21, 2025

Date Reported : Nov 28, 2025

Report Number : 3415005-1

Page 3 of 3

Sample Number 2590585-3
Sampled Date Nov 19, 2025
Sample Description Air Quality
Location Recycle Gas Cooler
Date Analysis Commenced Nov 22, 2025
Condition of Sample Drawn into two 10-L air sampling bags
Barometric Pressure 754 mmHg
Atmospheric Temperature 30.2 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Ethylene	09:00 AM - 11:00 AM	ppm	-	1.0	<1.0	200	Based on ASTM, D 2712-18	ACGIH	Bangkok
Propane	09:00 AM - 11:00 AM	ppm	-	1.0	<1.0	No Standard	Based on ASTM, D 2712-91	-	Bangkok
Total Hydrocarbon as Methane	09:00 AM - 11:00 AM	ppm	-	1.0	5.3	No Standard	Total Hydrocarbon Analyzer	-	Rayong

Guideline :

ACGIH : The American Conference of Governmental Industrial Hygiene, The 6th edition of the Documentation of the Threshold Limit Values and Biological Exposure Indices (2025).

Sampled By : Chanon Booncheun

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

Approved by

Orawan R.

Orawan Rakyong
Scientist (3)

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ระดับเสียงในสถานประกอบการ



Analysis / Test Report

Client : Thai Polyethylene Co., Ltd.

10, Map Ta Phut Industrial Estate I-1 Road, Map Ta Phut, Muang District, Rayong Thailand 21150

P/O : .

Project Name : Environmental Monitoring

Project Location : LDPE

Lot ID: 2563367

Date Received : Aug 05, 2025

Date Reported : Aug 08, 2025

Report Number: 3378899-1

Page 1 of 1

Sample Number 2563367-1
Parameter Noise (Leq 8 hrs.)
Location ถังแยก Compressor House
Measurement Date Aug 04, 2025
Measurement by Amnat Wongsakhen

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:47 AM - 09:47 AM	78.8	81.2	78.5
09:47 AM - 10:47 AM	78.7	80.9	78.5
10:47 AM - 11:47 AM	78.6	79.4	78.4
11:47 AM - 12:47 PM	78.7	79.4	78.4
12:47 PM - 01:47 PM	78.7	79.5	78.3
01:47 PM - 02:47 PM	78.6	79.4	78.3
02:47 PM - 03:47 PM	78.6	80.4	78.2
03:47 PM - 04:47 PM	78.5	79.3	78.1

Leq Average 8 hrs. (dB(A))

78.7

Lmax (dB(A))

81.2

Standard (dB(A))

90

140

Reference Method : ISO 1996-1 : 2016

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรฐานการคุ้มครองความปลอดภัย

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Technical Management

Chontichak

Chonticha Subongkoch
Scientist (3)

Approved by

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Supot Salamteh
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P/O : .

Project Name : Environmental Monitoring

Project Location : LDPE

Lot ID: 2563367

Date Received : Aug 05, 2025

Date Reported : Aug 08, 2025

Report Number: 3378900-1

Page 1 of 1

Sample Number 2563367-2
Parameter Noise (Leq 8 hrs.)
Location Degassing Hopper
Measurement Date Aug 04, 2025
Measurement by Amnat Wongsakhen

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:29 AM - 09:29 AM	84.7	93.5	77.9
09:29 AM - 10:29 AM	87.5	88.9	86.3
10:29 AM - 11:29 AM	86.6	88.9	84.9
11:29 AM - 12:29 PM	84.3	87.4	83.5
12:29 PM - 01:29 PM	85.7	87.7	83.5
01:29 PM - 02:29 PM	85.7	88.0	83.9
02:29 PM - 03:29 PM	85.6	88.7	83.4
03:29 PM - 04:29 PM	83.7	86.6	82.2

Leq Average 8 hrs. (dB(A))

85.6

Lmax (dB(A))

93.5

Standard (dB(A))

90

140

Reference Method : ISO 1996-1 : 2016

Standard : ภายนอกอาคารระดับความดังเสียงตามมาตรฐาน ISO 1996-1 : 2016

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Technical Management

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Chonticha Subongkoch
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Supot Salamteh
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P/O : .

Project Name : Environmental Monitoring

Project Location : LDPE

Lot ID: 2563367

Date Received : Aug 05, 2025

Date Reported : Aug 08, 2025

Report Number: 3378901-1

Page 1 of 1

Sample Number	2563367-3
Parameter	Noise (Leq 8 hrs.)
Location	Recycle Gas Cooler
Measurement Date	Aug 04, 2025
Measurement by	Amnat Wongsakhen

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:43 AM - 09:43 AM	71.6	79.9	70.8
09:43 AM - 10:43 AM	71.0	81.9	70.6
10:43 AM - 11:43 AM	70.8	72.8	70.7
11:43 AM - 12:43 PM	71.0	71.8	70.8
12:43 PM - 01:43 PM	71.0	72.1	70.9
01:43 PM - 02:43 PM	71.0	72.3	70.9
02:43 PM - 03:43 PM	71.1	74.5	70.9
03:43 PM - 04:43 PM	71.2	74.0	71.0

Leq Average 8 hrs. (dB(A))

71.1

Lmax (dB(A))

81.9

Standard (dB(A))

90

140

Reference Method : ISO 1996-1 : 2016

Standard : ภายนอกอาคารระยะทางวัด ขนาด แหล่ง ความเข้มเสียงตามระดับ สด ด

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Technical Management

Chontichak

Chonticha Subongkoch
Scientist (3)

Approved by

Supt S

Supot Salamteh
Section Head

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P/O : .

Project Name : Environmental Monitoring

Project Location : LDPE

Lot ID: 2563367

Date Received : Aug 05, 2025

Date Reported : Aug 08, 2025

Report Number: 3378903-1

Page 1 of 1

Sample Number	2563367-5
Parameter	Noise (Leq 8 hrs.)
Location	Hagging Area
Measurement Date	Aug 04, 2025
Measurement by	Amnat Wongsakhen

Time	Leq (dH(A))	LmaB (dH(A))	L90 (dH(A))
09:23 AM - 10:23 AM	74.9	78.6	73.0
10:23 AM - 11:23 AM	76.5	83.9	73.8
11:23 AM - 12:23 PM	76.1	84.1	72.9
12:23 PM - 01:23 PM	79.1	84.5	78.2
01:23 PM - 02:23 PM	77.3	87.7	74.1
02:23 PM - 03:23 PM	77.8	84.9	74.3
03:23 PM - 04:23 PM	78.0	83.8	75.5
04:23 PM - 05:23 PM	78.0	84.4	73.9

Leq Average 8 hrs. (dH(A))

77.4

LmaB (dH(A))

87.7

xtandard (dH(A))

90

140

Reference Method : IxS 1996-1 : 2016

xtandard : ภายนอกอาคารระยะทางวัด ขนาด แหล่ง ความเข้มเสียงตามระดับ สด ด

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Technical Management

Chontichak

Chonticha xubongkoch
scientist (3)

Approved by

Supt S

xupot xalamteh
section Oead

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P/O : .

Project Name : Environmental Monitoring

Project Location : LDPE

Lot ID: 2563367

Date Received : Aug 05, 2025

Date Reported : Aug 08, 2025

Report number: 337890N-1

Page 1 of 1

Sample Number	25(33(7-(
Parameter	noise d.e) 8 hrs.H
Location	Storage Area
Measurement Date	Aug 04, 2025
Measurement by	Amnat Wongsakhen

Time	Le) dBA(H	Lmax dBA(H	L90 dBA(H
08:00 AM - 09:00 AM	77.0	79.0	77.0
09:00 AM - 10:00 AM	77.0	78.0	76.8
10:00 AM - 11:00 AM	77.2	77.9	76.9
11:00 AM - 12:00 PM	77.0	78.0	77.2
12:00 PM - 01:00 PM	77.0	78.2	77.3
01:00 PM - 02:00 PM	77.5	79.8	77.3
02:00 PM - 03:00 PM	77.5	80.0	77.1
03:00 PM - 04:00 PM	77.0	82.2	77.1

Le) Average 8 hrs. dBA(H

77.0

Lmax dBA(H

80.0

Standard dBA(H

90

Reference Method : IAS 199(-1 : 201(

Standard : ภาชนะบรรจุภัณฑ์พลาสติก ความหนาแน่นสูง ชนิด 1

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Technical Management

Chontichak

Chonticha Subongkoch
Scientist 3H

Approved by

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Supot Salamteh
Section Head

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P/O : .

Project Name : Environmental Monitoring

Project Location : LDPE

Lot ID: 2563367

Date Received : Aug 05, 2025

Date Reported : Aug 08, 2025

Report Number: 3378905-1

Page 1 of 1

Sample Number	2563367-7
Parameter	Noise (Leq 8 hrs.)
Location	กึ่งกลางรั้วทิศเหนือระหว่าง LDPE & HDPE
Measurement Date	Aug 04, 2025
Measurement by	Amnat Wongsakhen

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:03 AM - 10:03 AM	80.9	84.4	80.6
10:03 AM - 11:03 AM	80.9	81.6	80.7
11:03 AM - 12:03 PM	80.8	81.4	80.6
12:03 PM - 01:03 PM	80.8	81.5	80.6
01:03 PM - 02:03 PM	80.8	81.5	80.6
02:03 PM - 03:03 PM	80.7	81.3	80.5
03:03 PM - 04:03 PM	80.7	81.4	80.5
04:03 PM - 05:03 PM	81.0	82.0	80.7

Leq Average 8 hrs. (dB(A))

80.8

Lmax (dB(A))

84.4

Standard (dB(A))

90

Reference Method : ISO 1996-1 : 2016

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรฐานคุ้มครองความปลอดภัย

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Technical Management

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Chonticha Subongkoch
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Supot Salamteh
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Analysis / Test Report

Client : Thai Polyethylene Co., Ltd.

10, Map Ta Phut Industrial Estate I-1 Road, Map Ta Phut, Muang District, Rayong Thailand 21150

P/O :

Project Name : Environmental Monitoring

Project Location : LDPE

Lot ID: 2590599

Date Received : Nov 21, 2025

Date Reported : Nov 25, 2025

Report Number: 3458522-1

Page 1 of 1

Sample Number 2590599-1
Parameter Noise (Leq 8 hrs.)
Location ภายนอก Compressor House
Measurement Date Nov 19, 2025
Measurement by Chanon Booncheun

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:34 AM - 10:34 AM	78.5	85.8	78.3
10:34 AM - 11:34 AM	78.6	79.4	78.5
11:34 AM - 12:34 PM	78.7	84.5	78.4
12:34 PM - 01:34 PM	78.5	79.1	78.4
01:34 PM - 02:34 PM	78.6	79.2	78.4
02:34 PM - 03:34 PM	78.6	82.6	78.5
03:34 PM - 04:34 PM	78.7	79.5	78.5
04:34 PM - 05:34 PM	78.7	79.7	78.6

Leq Average 8 hrs. (dB(A))

78.6

Lmax (dB(A))

85.8

Standard (dB(A))

90

140

Reference Method : ISO 1996-1 : 2016

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรฐานการคุ้มครองความปลอดภัย

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Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
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Client : Thai Polyethylene Co., Ltd.

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P/O :

Project Name : Environmental Monitoring

Project Location : LDPE

Lot ID: 2590599

Date Received : Nov 21, 2025

Date Reported : Nov 25, 2025

Report Number: 3458523-1

Page 1 of 1

Sample Number 2590599-2
Parameter Noise (Leq 8 hrs.)
Location Degassing Hopper
Measurement Date Nov 19, 2025
Measurement by Chanon Booncheun

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:44 AM - 09:44 AM	84.5	91.8	84.3
09:44 AM - 10:44 AM	83.9	87.9	83.8
10:44 AM - 11:44 AM	82.7	86.8	81.7
11:44 AM - 12:44 PM	82.3	87.2	81.3
12:44 PM - 01:44 PM	83.4	94.8	83.0
01:44 PM - 02:44 PM	83.2	88.8	82.9
02:44 PM - 03:44 PM	83.4	87.0	83.0
03:44 PM - 04:44 PM	83.7	85.3	83.4

Leq Average 8 hrs. (dB(A))

83.4

Lmax (dB(A))

94.8

Standard (dB(A))

90

140

Reference Method : ISO 1996-1 : 2016

Standard : ภายนอกอาคารระดับความดังเสียงมาตรฐานวัดที่จุดวัด

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Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

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Supot Salamteh
Section Head

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S:\Reports_Air Noise.rpt (2:24PM)



Analysis / Test Report

Client : Thai Polyethylene Co., Ltd.

10, Map Ta Phut Industrial Estate I-1 Road, Map Ta Phut, Muang District, Rayong Thailand 21150

P/O :

Project Name : Environmental Monitoring

Project Location : LDPE

Lot ID: 2590599

Date Received : Nov 21, 2025

Date Reported : Nov 25, 2025

Report Number: 3458524-1

Page 1 of 1

Sample Number	2590599-3
Parameter	Noise (Leq 8 hrs.)
Location	Recycle Gas Cooler
Measurement Date	Nov 19, 2025
Measurement by	Chanon Booncheun

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:04 AM - 10:04 AM	78.7	98.4	77.7
10:04 AM - 11:04 AM	78.9	83.0	77.9
11:04 AM - 12:04 PM	78.9	85.9	77.9
12:04 PM - 01:04 PM	79.0	85.5	78.0
01:04 PM - 02:04 PM	78.8	85.3	77.9
02:04 PM - 03:04 PM	78.9	83.9	78.0
03:04 PM - 04:04 PM	79.4	84.3	78.4
04:04 PM - 05:04 PM	79.4	86.1	78.5

Leq Average 8 hrs. (dB(A))

79.0

Lmax (dB(A))

98.4

Standard (dB(A))

90

140

Reference Method : ISO 1996-1 : 2016

Standard : ภายนอกอาคารระยะทางวัด ขนาด 1 เมตร ความถี่ตามมาตรฐาน 500 Hz ถึง 8000 Hz
~ ในอาคารตามเงื่อนไขจะอยู่ในเกณฑ์เสียงรบกวน ระดับ 1 ในอาคารจะอยู่ใน พ.บ. ๒๕๔๖

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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S:\Reports_Air Noise.rpt (2:25PM)



Analysis / Test Report

Client : Thai Polyethylene Co., Ltd.

10, Map Ta Phut Industrial Estate I-1 Road, Map Ta Phut, Muang District, Rayong Thailand 21150

P/O :

Project Name : Environmental Monitoring

Project Location : LDPE

Lot ID: 2590599

Date Received : Nov 21, 2025

Date Reported : Nov 25, 2025

Report Number: 345852b-1

Page 1 of 1

Sample Number	25/05/(-5
Parameter	Noise (Le) 8 hrs.H
Location	Bagging Area
Measurement Date	Nov 1/ , 2025
Measurement by	Chanon Booncheun

Time	Le (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:40 AM - 09:40 AM	78.4	87.0	76.0
09:40 AM - 10:40 AM	77.4	88.6	75.8
10:40 AM - 11:40 AM	76.3	82.1	73.7
11:40 AM - 12:40 PM	77.8	80.1	75.5
12:40 PM - 01:40 PM	77.8	83.1	76.7
01:40 PM - 02:40 PM	80.1	81.4	77.4
02:40 PM - 03:40 PM	80.7	88.3	80.1
03:40 PM - 04:40 PM	80.4	83.4	77.4

Le Average 8 hrs. (dB(A))

77.6

Lmax (dB(A))

88.6

Standard (dB(A))

80

140

Reference Method : IES 1 (b-1) : 201b

Standard : ภายนอกอาคารระยะทางวัด ขนาด 1 เมตร ความถี่ตามมาตรฐาน 500 Hz ถึง 8000 Hz
~ ในอาคารตามเงื่อนไขจะอยู่ในเกณฑ์เสียงรบกวน ระดับ 1 ในอาคารจะอยู่ใน พ.บ. ๒๕๔๖

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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S:\Reports_Air Noise.rpt (2:25PM)



Analysis / Test Report

Client : Thai Polyethylene Co., Ltd.

10, Map Ta Phut Industrial Estate I-1 Road, Map Ta Phut, Muang District, Rayong Thailand 21150

P/O :

Project Name : Environmental Monitoring

Project Location : LDPE

Lot ID: 2590599

Date Received : Nov 21, 2025

Date Reported : Nov 25, 2025

Report Number: 345852b-1

Page 1 of 1

Sample Number	25(05(-q
Parameter	Noise (LeH 8 hrs.B
Location	xtorage Area
Measurement Date	Nov 1(, 2025
Measurement by	Chanon 7ooncheun

Time	LeH (d7)ABB	Lma6 (d7)ABB	L(0 (d7)ABB
08:58 AM - 0(:58 AM	b5.1	8q.5	b4.b
0(:58 AM - 10:58 AM	b5.3	b8.q	b4.(
10:58 AM - 11:58 AM	b5.0	bq.(	b4.b
11:58 AM - 12:58 PM	b4.(	bq.3	b4.q
12:58 PM - 01:58 PM	b4.(	82.1	b4.5
01:58 PM - 02:58 PM	b4.(	84.1	b4.q
02:58 PM - 03:58 PM	b5.0	82.b	b4.b
03:58 PM - 04:58 PM	b5.2	80.8	b4.(

LeH Average 8 hrs. (d7)ABB

b5.0

Lma6 (d7)ABB

8q.5

xtandard (d7)ABB

(0

140

Reference Method : IxS 1((q-1 : 201q

xtandard : ภาพเอกสารประกอบข้อมูล ขนาด ๑๐๐๐ มม. ความหนาแน่นกระดาษ ๑๐๐ กก./ม.๒
~ ในเอกสารแนบข้อมูลจะอยู่ในแฟ้มข้อมูล ชื่อแฟ้มข้อมูล : ไฟล์.๒๕๕๖

Technical Management

Thanita K.

Thanita Kulsuriwong
scientist (4B)

Approved by

Supot S.

xupot xalamteh
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Analysis / Test Report

Client : Thai Polyethylene Co., Ltd.

10, Map Ta Phut Industrial Estate I-1 Road, Map Ta Phut, Muang District, Rayong Thailand 21150

P/O :

Project Name : Environmental Monitoring

Project Location : LDPE

Lot ID: 2590599

Date Received : Nov 21, 2025

Date Reported : Nov 25, 2025

Report Number: 3458528-1

Page 1 of 1

Sample Number	2590599-7
Parameter	Noise (Leq 8 hrs.)
Location	กึ่งกลางรั้วทิศเหนือระหว่าง LDPE & HDPE
Measurement Date	Nov 19, 2025
Measurement by	Chanon Booncheun

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:17 AM - 10:17 AM	83.9	87.5	83.5
10:17 AM - 11:17 AM	83.8	89.9	83.4
11:17 AM - 12:17 PM	83.6	90.2	83.2
12:17 PM - 01:17 PM	83.6	85.2	83.3
01:17 PM - 02:17 PM	83.7	85.2	83.4
02:17 PM - 03:17 PM	83.5	90.7	83.1
03:17 PM - 04:17 PM	83.6	85.0	83.3
04:17 PM - 05:17 PM	83.7	85.0	83.4

Leq Average 8 hrs. (dB(A))

83.7

Lmax (dB(A))

90.7

Standard (dB(A))

90

140

Reference Method : ISO 1996-1 : 2016

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรฐานคุ้มครองความปลอดภัย
ในการประกอบกิจการโรงงานเกี่ยวกับสภาวะแวดล้อมในการทำงาน พ.ศ.๒๕๕๖

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

Client : Thai Polyethylene Co., Ltd.

10, Map Ta Phut Industrial Estate I-1 Road, Map Ta Phut, Muang District, Rayong Thailand 21150

P/O : .

Project Name : Environmental Monitoring

Project Location : LDPE

Lot ID: 2563366

Date Received : Aug 05, 2025

Date Reported : Aug 08, 2025

Report Number: 3378859-1

Page 1 of 1

Sample Number	2563366-(
Parameter	Noise d.e) 12 hrs.H
Location	CCR
Measurement Date	Aug 0(, 2025
Measurement by	Amnat 4 ongsaWien

Time	Le) qdkqAH	LmaB qdkqAH	L90 qdkqAH
08:33 AM - 09:33 AM	63.3	78.9	55.5
09:33 AM - 10:33 AM	60.5	76.3	5(.7
10:33 AM - 11:33 AM	62.(	80.(	5(.3
11:33 AM - 12:33 PM	60.6	78.0	5(.1
12:33 PM - 01:33 PM	60.2	77.(	5(.1
01:33 PM - 02:33 PM	63.8	79.2	55.5
02:33 PM - 03:33 PM	62.2	78.3	5(.9
03:33 PM - 04:33 PM	62.3	77.3	55.1
04:33 PM - 05:33 PM	60.6	79.1	5(.6
05:33 PM - 06:33 PM	60.9	77.5	5(.5
06:33 PM - 07:33 PM	60.7	77.3	5(.3
07:33 PM - 08:33 PM	60.5	77.1	5(.1

Le) Average 12 hrs. qdkqAH

61.7

LmaB qdkqAH

80.(

xstandard qdkqAH

87

1(0

Reference Method : IxS 1996-1 : 2016

xstandard : ภาณอกานาเฝ้าระตางอ นาด ภาณะ ความอนาเฝ้าระตางอ สค ค
~ ในภาณอกานคณบิจานาเฝ้าระตางอ เฝ้าระตางอ สค ค ในภาณอกานเฝ้าระตางอ

Technical Management

Chontichak

Chonticha xubongVech
scientist qH

Approved by

Supt S

xupot xalamteh
section Oead

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Analysis / Test Report

Client : Thai Polyethylene Co., Ltd.

10, Map Ta Phut Industrial Estate I-1 Road, Map Ta Phut, Muang District, Rayong Thailand 21150

P/O :

Project Name : Environmental Monitoring

Project Location : LDPE

Lot ID: 2590596

Date Received : Nov 21, 2025

Date Reported : Nov 25, 2025

Report Number: 3458518-1

Page 1 of 1

Sample Number	259059(-4
Parameter	Noise d.e) 12 hrs.H
Location	CCR
Measurement Date	Nov 19, 2025
Measurement by	Chanon Booncheun

Time	Le) qdBqAH	Lmax qdBqAH	L90 qdBqAH
08:59 AM - 09:59 AM	59.5	82.0	53.9
09:59 AM - 10:59 AM	(1.1	84.5	54.1
10:59 AM - 11:59 AM	(2.3	87.4	54.5
11:59 AM - 12:59 PM	5(.9	75.8	54.0
12:59 PM - 01:59 PM	(2.7	80.(	54.4
01:59 PM - 02:59 PM	(4.(	83.2	55.4
02:59 PM - 03:59 PM	(3.3	81.3	54.(
03:59 PM - 04:59 PM	(4.4	83.1	54.4
04:59 PM - 05:59 PM	(1.1	81.1	53.7
05:59 PM - 06:59 PM	59.(	78.8	53.8
06:59 PM - 07:59 PM	(2.7	8(.1	55.7
07:59 PM - 08:59 PM	(3.4	82.0	54.2

Le) Average 12 hrs. qdBqAH

(2.3

Lmax qdBqAH

87.4

6standard qdBqAH

87

140

Reference Method : I6S 199(-1 : 201(

6standard : ภาณอกานาเฝ้าระตางอ นาด ภาณะ ความอนาเฝ้าระตางอ สค ค
~ ในภาณอกานคณบิจานาเฝ้าระตางอ เฝ้าระตางอ สค ค ในภาณอกานเฝ้าระตางอ

Technical Management

Thanitak

Thanita Kulsuriwong
scientist qH

Approved by

Supt S

6upot Galamteh
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S:\Reports_Air Noise.rpt (2:21PM)



Analysis / Test Report

Client : Thai Polyethylene Co., Ltd.

10, Map Ta Phut Industrial Estate I-1 Road, Map Ta Phut, Muang District, Rayong
Thailand 21150

P/O : Check_

Project Name : Environmental Monitoring

Project Location : LDPE

Lot ID: 2563370

Date Received : Aug 05, 2025

Date Reported : Aug 08, 2025

Report Number : 3378804-1

Page 1 of 1

Sample Number 2563370-1
Parameter Octave band (12 hrs.)
Location ภาณุมาศ Compressor House
Measurement Date Aug 04, 2025
Measurement By Amnat Wongsakhen

Time	Result (dB(A))											
	Leq	16 Hz	31.5 Hz	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	16 kHz
08:47 AM - 09:47 AM	78.8	24.7	41.8	56.5	65.7	71.7	72.1	71.1	72.4	68.5	64.0	50.3
09:47 AM - 10:47 AM	78.7	24.6	41.7	57.3	65.8	71.6	72.1	71.0	72.3	68.3	63.5	50.0
10:47 AM - 11:47 AM	78.6	25.1	41.6	57.1	65.9	71.7	71.8	71.1	72.3	68.3	63.7	50.0
11:47 AM - 12:47 PM	78.7	25.0	41.6	57.1	66.0	71.7	72.0	71.1	72.3	68.3	63.8	50.2
12:47 PM - 01:47 PM	78.7	25.0	41.8	56.9	66.1	71.8	71.8	71.0	72.3	68.3	63.8	50.1
01:47 PM - 02:47 PM	78.6	24.4	41.9	56.6	66.0	71.8	71.7	71.0	72.3	68.3	63.8	50.1
02:47 PM - 03:47 PM	78.6	24.5	41.7	56.7	65.8	71.9	71.7	70.9	72.2	68.2	63.8	50.1
03:47 PM - 04:47 PM	78.5	23.8	41.4	57.1	65.7	71.6	71.3	71.0	72.2	68.5	64.0	50.3
04:47 PM - 05:47 PM	78.5	24.0	41.4	57.2	65.7	71.4	71.4	71.0	72.1	68.5	63.8	50.4
05:47 PM - 06:47 PM	78.4	23.9	41.3	57.1	65.6	71.3	71.3	70.9	72.0	68.4	63.7	50.3
06:47 PM - 07:47 PM	78.3	23.8	41.2	57.0	65.5	71.2	71.2	70.8	71.9	68.3	63.6	50.2
07:47 PM - 08:47 PM	78.1	23.6	41.0	56.8	65.3	71.0	71.0	70.6	71.7	68.1	63.4	50.0
Average	78.5	24.4	41.5	57.0	65.8	71.6	71.6	71.0	72.2	68.3	63.7	50.2

Reference Method : ANSI Standard S1.6-1984

Technical Management

Orawan R.
Orawan Rakyong
Scientist (3)

Approved by

Supot S.
Supot Salamteh
Section Head

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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S:\Reports_Air Noise_Octave band.rpt (2:31PM)



Analysis / Test Report

Client : Thai Polyethylene Co., Ltd.

10, Map Ta Phut Industrial Estate I-1 Road, Map Ta Phut, Muang District, Rayong
Thailand 21150

P/O : Check_

Project Name : Environmental Monitoring

Project Location : LDPE

Lot ID: 2563370

Date Received : Aug 05, 2025

Date Reported : Aug 08, 2025

Report 4umNer : 3378805-1

Page 1 of 1

Sample Number 25f3370-2
Parameter 6 octave band Q12 hrs.
Location Degassing) opper
Measurement Date Aug 04, 2025
Measurement By Amnat Wongsakhen

Time	Result Q12hrs((
	Leq	1f) z	31.5) z	f 3) z	125) z	250) z	500) z	1 k) z	2 k) z	H k) z	8 k) z	1f k) z
08:29 AM - 09:29 AM	84.7	24.3	41.7	f H.1	71.H	74.f	80.1	79.1	7f.f	72.0	f H.0	52.8
09:29 AM - 10:29 AM	87.5	28.7	H5.H	f 5.8	74.f	77.2	82.f	82.0	79.7	74.8	f 5.7	52.8
10:29 AM - 11:29 AM	8f.f	2f.2	H5.0	f H.5	73.9	7f.3	81.f	80.9	79.H	74.8	ff.1	53.3
11:29 AM - 12:29 PM	84.3	27.H	H3.9	f H.3	71.H	72.7	78.0	78.5	78.H	74.0	ff.5	53.3
12:29 PM - 01:29 PM	85.7	27.0	Hf.1	f H.9	73.2	75.2	79.f	80.5	78.9	74.H	ff.2	53.1
01:29 PM - 02:29 PM	85.7	27.0	Hf.2	ff.5	73.7	75.3	79.8	80.2	78.8	74.2	ff.2	53.1
02:29 PM - 03:29 PM	85.f	2f.1	H5.f	f 5.1	74.H	75.f	79.7	80.0	78.3	73.9	f 5.9	52.8
03:29 PM - 04:29 PM	83.7	23.H	H3.H	f 3.9	70.9	71.5	7f.5	78.3	78.0	73.5	f 5.3	52.8
04:29 PM - 05:29 PM	85.0	18.7	H3.3	f H.0	73.2	74.3	78.f	79.5	78.8	74.1	ff.2	53.2
05:29 PM - 06:29 PM	85.H	18.3	H3.5	f H.7	74.2	75.2	78.9	80.1	78.f	74.1	ff.5	53.H
06:29 PM - 07:29 PM	85.2	18.9	H3.5	f H.2	73.H	74.5	78.8	79.7	79.0	74.3	ff.H	53.H
07:29 PM - 08:29 PM	85.f	18.5	H3.7	f H.9	74.H	75.H	79.1	80.3	78.8	74.3	ff.7	53.f
Average	85.5	25.1	H4.7	f H.8	73.H	75.0	79.7	80.0	78.7	74.1	ff.0	53.1

Reference Method : A4SI Standard S1.f -198H

Technical Management

Orawan R.
Orawan Rakyong
Scientist (3)

Approved by

Supot S.
Supot Salamteh
Section Head

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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S:\Reports_Air Noise_Octave band.rpt (2:31PM)



Analysis / Test Report

Client : Thai Polyethylene Co., Ltd.

10, Map Ta Phut Industrial Estate I-1 Road, Map Ta Phut, Muang District, Rayong
Thailand 21150

P/O : Check_

Project Name : Environmental Monitoring

Project Location : LDPE

Lot ID: 2563370

Date Received : Aug 05, 2025

Date Reported : Aug 08, 2025

Report Number : 3378806-1

Page 1 of 1

Sample Number 2563370-3
Parameter Octave band (12 hrs.)
Location Recycle Gas Cooler
Measurement Date Aug 04, 2025
Measurement By Amnat Wongsakhen

Time	Result (dB(A))											
	Leq	16 Hz	31.5 Hz	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	16 kHz
08:43 AM - 09:43 AM	71.6	21.7	37.5	51.3	58.1	62.6	63.9	64.9	64.7	63.9	60.1	46.9
09:43 AM - 10:43 AM	71.0	21.6	37.8	51.7	57.9	62.7	64.0	64.7	63.7	61.8	57.7	45.4
10:43 AM - 11:43 AM	70.8	22.0	37.9	51.4	57.8	62.9	63.6	64.3	63.6	61.7	58.2	45.3
11:43 AM - 12:43 PM	71.0	21.6	37.4	51.4	57.7	63.3	63.8	64.3	63.8	61.8	58.3	45.2
12:43 PM - 01:43 PM	71.0	21.3	37.7	51.3	57.7	63.3	63.7	64.3	63.9	62.0	58.7	45.2
01:43 PM - 02:43 PM	71.0	21.5	37.8	51.4	57.8	63.2	63.7	64.4	64.0	62.0	58.5	45.2
02:43 PM - 03:43 PM	71.1	21.5	37.7	51.6	57.8	63.2	63.6	64.6	64.1	62.1	58.8	45.4
03:43 PM - 04:43 PM	71.2	21.4	38.1	51.3	58.2	63.1	63.9	64.6	64.0	62.1	58.9	45.5
04:43 PM - 05:43 PM	71.0	21.9	38.1	51.1	58.3	62.7	63.9	64.6	63.8	62.0	58.7	45.7
05:43 PM - 06:43 PM	70.9	21.8	38.0	51.0	58.2	62.6	63.8	64.5	63.7	61.9	58.6	45.6
06:43 PM - 07:43 PM	70.8	21.7	37.9	50.9	58.1	62.5	63.7	64.4	63.6	61.8	58.5	45.5
07:43 PM - 08:43 PM	70.6	21.5	37.7	50.7	57.9	62.3	63.5	64.2	63.4	61.6	58.3	45.3
Average	71.0	21.6	37.8	51.3	58.0	62.9	63.8	64.5	63.9	62.1	58.6	45.5

Reference Method : ANSI Standard S1.6-1984

Technical Management

Orawan R.
Orawan Rakyong
Scientist (3)

Approved by

Supot S.
Supot Salamteh
Section Head

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S:\Reports_Air Noise_Octave band.rpt (2:31PM)



Analysis / Test Report

Client : Thai Polyethylene Co., Ltd.

10, Map Ta Phut Industrial Estate I-1 Road, Map Ta Phut, Muang District, Rayong
Thailand 21150

P/O : Check_

Project Name : Environmental Monitoring

Project Location : LDPE

Lot ID: 2563370

Date Received : Aug 05, 2025

Date Reported : Aug 08, 2025

Report Number : 3378807-1

Page 1 of 1

Sample Number 25f3370-6
Parameter Octave band (12 hrs.)
Location CCR
Measurement Date Aug 06, 2025
Measurement By Amnat Hongsakhen

Time	Result (dB(A))											
	LeW	1f qz	31.5 qz	f 3 qz	125 qz	250 qz	500 qz	1 kqz	2 kqz	6 kqz	8 kqz	1f kqz
08:33 AM - 09:33 AM	f 3.3	12.3	22.7	27.7	61.2	69.3	57.2	59.3	57.0	51.7	60.2	6f .9
09:33 AM - 10:33 AM	f 0.5	12.7	22.7	27.9	60.2	68.2	53.5	57.1	53.1	50.6	60.2	29.5
10:33 AM - 11:33 AM	f 2.6	11.8	23.0	2f .9	60.5	69.2	55.9	57.9	57.1	50.7	37.6	23.8
11:33 AM - 12:33 PM	f 0.f	12.7	22.9	27.5	39.f	69.0	55.6	5f .2	53.6	68.7	3f .3	20.0
12:33 PM - 01:33 PM	f 0.2	11.8	23.0	27.6	39.6	67.9	53.0	5f .0	56.2	50.2	37.2	21.6
01:33 PM - 02:33 PM	f 3.8	11.8	23.3	28.1	61.8	50.6	58.1	59.3	57.f	52.2	39.7	26.1
02:33 PM - 03:33 PM	f 2.2	12.0	23.0	27.7	60.9	69.f	5f .f	58.0	55.2	50.6	38.0	21.9
03:33 PM - 06:33 PM	f 2.3	11.f	22.9	27.5	60.f	69.0	5f .0	57.9	5f .8	50.7	39.3	22.3
06:33 PM - 05:33 PM	f 0.f	11.1	22.f	27.8	39.8	68.0	53.5	5f .8	56.3	69.5	37.f	26.f
05:33 PM - 0f :33 PM	f 0.9	11.5	22.9	27.0	38.9	67.3	51.7	57.8	56.9	50.6	38.7	21.5
0f :33 PM - 07:33 PM	f 0.7	11.3	22.7	2f .8	38.7	67.1	51.5	57.f	56.7	50.2	38.5	21.3
07:33 PM - 08:33 PM	f 0.5	11.1	22.5	2f .f	38.5	6f .9	51.3	57.6	56.5	50.0	38.3	21.1
Average	f 1.7	11.8	22.9	27.6	60.1	68.f	55.0	57.7	55.5	50.5	38.f	3f .3

Reference Method : A4SI Standard S1.f -1986

Technical Management

Orawan R.
Orawan Rakyong
Scientist (3)

Approved by

Supot S.
Supot Salamteh
Section head

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S:\Reports_Air Noise_Octave band.rpt (2:32PM)



Analysis / Test Report

Client : Thai Polyethylene Co., Ltd.

10, Map Ta Phut Industrial Estate I-1 Road, Map Ta Phut, Muang District, Rayong
Thailand 21150

P/O : Check_

Project Name : Environmental Monitoring

Project Location : LDPE

Lot ID: 2563370

Date Received : Aug 05, 2025

Date Reported : Aug 08, 2025

Report 4umNer : 3378808-1

Page 1 of 1

Sample Number 25f 3370-5
Parameter 6 ctave Nand Q2 hrs.(
Location) agging Area
Measurement Date Aug 04, 2025
Measurement By Amnat Wongsakhen

Time	Result (dBA)												
	Leq	1f z 9	31.5 z 9	f 3 z 9	125 z 9	250 z 9	500 z 9	1 kz 9	2 kz 9	H kz 9	8 kz 9	1f kz 9	
08:23 AM - 10:23 AM	7HB	17.2	H0.f	53.2	f 0.8	f H0	f 5.8	f 7.1	f 7.7	f B.f	f H.8	51.f	
10:23 AM - 11:23 AM	7f .5	18.0	H0.3	5H.3	f 0.8	f H.f	f 7.1	f 8.8	70.1	71.1	f 5.8	52.7	
11:23 AM - 12:23 PM	7f .1	21.0	H0.3	5H.f	f 0.8	f H.f	f 7.2	f 8.8	f B.B	70.2	f 5.1	5H0	
12:23 PM - 01:23 PM	7B.1	20.7	H0.H	5H.B	f 1.5	f 5.8	f B.8	72.1	73.1	73.8	f 7.B	55.5	
01:23 PM - 02:23 PM	77.3	18.5	H0.f	5H.7	f 1.2	f H.7	f 7.7	f B.f	71.1	72.0	ff .8	53.7	
02:23 PM - 03:23 PM	77.8	17.7	H0.7	5H.B	f 1.2	f H.8	f 8.1	70.1	72.0	72.f	f 7.H	5H2	
03:23 PM - 04:23 PM	78.0	1f .1	H0.f	5H.B	f 1.H	f 5.3	f B.2	71.1	72.2	72.2	ff .1	5H.1	
04:23 PM - 05:23 PM	78.0	18.H	H0.f	55.1	f 1.3	f 5.2	f B.1	70.8	71.8	72.H	ff .H	53.B	
05:23 PM - 0f :23 PM	7f .H	17.H	H0.2	5H.7	f 1.2	f H.H	f 7.5	f 8.H	f B.8	71.0	ff .0	52.B	
0f :23 PM - 07:23 PM	7f .3	18.8	H0.1	5H.1	f 0.7	f H.H	ff .B	f 8.7	f B.B	70.B	f 5.f	52.5	
07:23 PM - 08:23 PM	75.B	20.8	H0.1	5H.H	f 0.7	f H.H	f 7.0	f 8.7	f B.7	70.0	f H.B	53.8	
08:23 PM - 08:23 PM	78.B	20.5	H0.2	5H.7	f 1.3	f 5.7	f B.f	71.8	72.8	73.f	f 7.7	55.3	
Average	77.3	18.1	H0.H	5H.f	f 1.1	f H.B	f 8.1	f B.B	71.1	71.8	ff .3	53.8	

Reference Method : A4SI Standard S1.f-188H

Technical Management

Orawan R.
6 rawan Rakyong
Scientist Q(

Approved by

Supot S.
Supot Salamteh
Section z ead

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Analysis / Test Report

Client : Thai Polyethylene Co., Ltd.

10, Map Ta Phut Industrial Estate I-1 Road, Map Ta Phut, Muang District, Rayong
Thailand 21150

P/O : Check_

Project Name : Environmental Monitoring

Project Location : LDPE

Lot ID: 2563370

Date Received : Aug 05, 2025

Date Reported : Aug 08, 2025

Report Number : 3378804-1

Page 1 of 1

Sample Number 2563370-6
Parameter Octave band (12 hrs.)
Location Htorage Area
Measurement Date Aug 04, 2025
Measurement By Amnat q ongsakhen

Time	Result (dS(A))												
	Lez	16 9B	31.5 9B	63 9B	125 9B	250 9B	500 9B	1 k9B	2 k9B	Wk9B	8 k9B	16 k9B	
08:04 AM - 04:04 AM	77.W	23.1	38.2	52.8	61.W	70.2	64.2	64.1	71.7	70.1	61.2	V2.3	
04:04 AM - 10:04 AM	77.0	23.1	38.2	53.2	61.0	64.8	64.0	64.0	71.3	64.7	54.4	V1.4	
10:04 AM - 11:04 AM	77.2	23.3	38.W	52.4	61.6	70.6	64.1	68.4	71.2	64.5	60.4	V1.5	
11:04 AM - 12:04 PM	77.W	23.0	38.2	53.0	61.W	71.0	64.3	68.4	71.W	64.8	61.2	V1.4	
12:04 PM - 01:04 PM	77.W	22.8	38.W	53.2	61.2	70.8	64.3	68.4	71.5	64.4	61.8	V2.1	
01:04 PM - 02:04 PM	77.5	23.0	38.W	53.2	61.2	70.7	64.3	64.0	71.7	64.4	61.7	V2.2	
02:04 PM - 03:04 PM	77.5	23.0	38.2	53.3	61.0	70.6	64.0	64.3	71.8	64.4	61.4	V2.3	
03:04 PM - 04:04 PM	77.W	22.8	38.5	53.4	61.2	70.6	64.2	64.1	71.W	64.4	61.8	V2.2	
04:04 PM - 05:04 PM	77.1	23.0	38.5	53.4	61.W	70.0	64.1	68.8	71.3	64.6	60.4	V1.4	
05:04 PM - 06:04 PM	77.1	23.2	38.3	53.3	61.1	64.4	64.1	64.1	71.W	64.8	60.0	V2.0	
06:04 PM - 07:04 PM	77.3	23.W	38.5	53.0	61.7	70.7	64.2	64.0	71.3	64.6	61.0	V1.6	
07:04 PM - 08:04 PM	77.5	23.1	38.3	53.1	61.5	71.1	64.W	64.0	71.5	64.4	61.3	V2.0	
Average	77.3	23.1	38.3	53.2	61.3	70.5	64.2	64.0	71.5	64.8	61.2	V2.0	

Reference Method : ANHIL Htandard H1.6-148W

Technical Management

Orawan R.
Orawan Rakyong
Hcientist (3)

Approved by

Supot S.
Hupot Halamteh
Hction 9 ead

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Analysis / Test Report

Client : Thai Polyethylene Co., Ltd.

10, Map Ta Phut Industrial Estate I-1 Road, Map Ta Phut, Muang District, Rayong
Thailand 21150

P/O : Check_

Project Name : Environmental Monitoring

Project Location : LDPE

Lot ID: 2563370

Date Received : Aug 05, 2025

Date Reported : Aug 08, 2025

Report Number : 3378810-1

Page 1 of 1

Sample Number 2563370-7
Parameter Octave band (12 hrs.)
Location ห้องกลางห้องโสมระหว่าง LDPE & HDPE
Measurement Date Aug 04, 2025
Measurement By Amnat Wongsakhen

Time	Result (dB(A))											
	Leq	16 Hz	31.5 Hz	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	16 kHz
09:03 AM - 10:03 AM	80.9	23.3	37.5	57.4	62.0	66.4	69.0	68.1	69.6	76.6	76.0	68.2
10:03 AM - 11:03 AM	80.9	22.7	37.7	56.4	61.8	67.6	69.4	68.5	69.5	76.5	75.9	68.1
11:03 AM - 12:03 PM	80.8	24.2	37.8	56.4	62.5	68.1	69.1	68.4	69.6	76.4	75.8	67.9
12:03 PM - 01:03 PM	80.8	23.5	37.8	56.5	62.2	68.4	69.0	68.3	69.7	76.3	75.6	67.8
01:03 PM - 02:03 PM	80.8	23.7	38.1	56.3	62.1	68.6	69.1	68.3	69.7	76.3	75.7	67.8
02:03 PM - 03:03 PM	80.7	22.1	37.7	56.5	62.3	68.4	68.8	68.1	69.6	76.3	75.6	67.7
03:03 PM - 04:03 PM	80.7	22.6	37.6	57.3	62.1	68.6	68.7	68.1	69.5	76.3	75.6	67.7
04:03 PM - 05:03 PM	81.0	21.4	37.9	57.2	62.4	68.5	69.3	68.9	71.2	76.5	75.7	67.9
05:03 PM - 06:03 PM	81.0	21.9	37.9	57.4	62.2	68.3	69.3	68.8	70.0	76.6	75.8	68.1
06:03 PM - 07:03 PM	80.8	22.7	37.7	57.4	62.2	68.7	68.8	68.2	69.6	76.4	75.7	67.8
07:03 PM - 08:03 PM	81.1	21.5	38.0	57.3	62.5	68.6	69.4	69.0	71.3	76.6	75.8	68.0
08:03 PM - 09:03 PM	80.9	22.8	37.8	57.5	62.3	68.8	68.9	68.3	69.7	76.5	75.8	67.9
Average	80.9	22.8	37.8	57.0	62.2	68.3	69.1	68.4	70.0	76.4	75.8	67.9

Reference Method : ANSI Standard S1.6-1984

Technical Management

Orawan R.
Orawan Rakyong
Scientist (3)

Approved by

Supot S.
Supot Salamteh
Section Head

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S:\Reports\Air Noise_Octave band.rpt (2:33PM)



Analysis / Test Report

Client : Thai Polyethylene Co., Ltd.

10, Map Ta Phut Industrial Estate I-1 Road, Map Ta Phut, Muang District, Rayong
Thailand 21150

P/O :

Project Name : Environmental Monitoring

Project Location : LDPE

Lot ID: 2590602

Date Received : Nov 21, 2025

Date Reported : Nov 27, 2025

Report Number : 3460530-1

Page 1 of 1

Sample Number 2590602-1
Parameter Octave band (12 hrs.)
Location ภายนอก Compressor House
Measurement Date Nov 19, 2025
Measurement By Anurak Tongkhajonsakda

Time	Result (dB(A))											
	Leq	16 Hz	31.5 Hz	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	16 kHz
09:34 AM - 10:34 AM	78.5	25.7	40.7	57.6	67.0	72.7	70.9	70.8	71.3	68.2	63.3	50.1
10:34 AM - 11:34 AM	78.6	25.6	40.6	57.7	67.2	72.9	71.0	71.0	71.4	68.2	63.3	50.1
11:34 AM - 12:34 PM	78.7	25.9	40.6	57.9	67.3	72.7	71.1	71.1	71.8	68.1	63.2	49.9
12:34 PM - 01:34 PM	78.5	25.8	40.5	57.8	67.3	72.6	71.0	70.9	71.3	68.1	63.2	49.9
01:34 PM - 02:34 PM	78.6	25.7	40.7	57.8	67.4	72.5	71.2	71.0	71.4	68.2	63.2	49.9
02:34 PM - 03:34 PM	78.6	25.5	40.5	57.8	67.5	72.7	71.0	71.0	71.4	68.3	63.2	49.9
03:34 PM - 04:34 PM	78.7	25.1	40.4	57.9	67.5	72.8	71.1	71.0	71.5	68.2	63.2	50.0
04:34 PM - 05:34 PM	78.7	25.9	40.8	57.8	67.4	72.8	71.3	71.0	71.5	68.2	63.2	50.0
05:34 PM - 06:34 PM	78.8	26.0	41.0	57.6	67.5	73.1	71.3	71.2	71.5	68.2	63.3	50.2
06:34 PM - 07:34 PM	78.7	26.0	40.7	58.0	67.5	72.8	71.2	71.1	71.5	68.3	63.4	50.1
07:34 PM - 08:34 PM	78.5	25.7	40.6	57.6	67.2	72.6	71.1	70.8	71.3	68.0	63.0	49.8
08:34 PM - 09:34 PM	78.6	25.8	40.8	57.4	67.3	72.9	71.1	71.0	71.3	68.0	63.1	50.0
Average	78.6	25.7	40.7	57.7	67.3	72.8	71.1	71.0	71.4	68.2	63.2	50.0

Reference Method : ANSI Standard S1.6-1984

Technical Management

Supot S.
Tanyatom Mongkonjirawut
Supervisor

Approved by

Supot S.
Supot Salamteh
Section Head

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S:\Reports\Air Noise_Octave band.rpt (5:07PM)



Analysis / Test Report

Client : Thai Polyethylene Co., Ltd.

10, Map Ta Phut Industrial Estate I-1 Road, Map Ta Phut, Muang District, Rayong
Thailand 21150

P/O :

Project Name : Environmental Monitoring

Project Location : LDPE

Lot ID: 2590602

Date Received : Nov 21, 2025

Date Reported : Nov 27, 2025

Report Number : 3460531-1

Page 1 of 1

Sample Number 2590602-2
Parameter Octave band (12 hrs.)
Location Degassing Hopper
Measurement Date Nov 19, 2025
Measurement By Anurak Tongkhajonsakda

Time	Result (dB(A))											
	Leq	16 Hz	31.5 Hz	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	16 kHz
08:44 AM - 09:44 AM	84.5	31.7	46.7	63.6	73.0	78.7	76.9	76.8	77.3	74.2	69.3	56.1
09:44 AM - 10:44 AM	83.9	30.8	45.8	63.1	72.8	78.0	76.3	76.3	76.7	73.6	68.5	55.2
10:44 AM - 11:44 AM	82.7	24.5	40.6	52.3	60.2	64.5	65.6	67.0	66.0	64.1	58.6	46.2
11:44 AM - 12:44 PM	82.3	23.8	40.3	51.8	60.1	63.8	64.9	66.2	65.3	63.1	57.5	45.4
12:44 PM - 01:44 PM	83.4	30.4	45.7	59.8	70.4	76.4	76.0	76.0	77.0	74.7	65.5	48.5
01:44 PM - 02:44 PM	83.2	30.0	46.3	60.2	70.1	76.2	75.5	75.7	76.9	74.7	65.1	47.2
02:44 PM - 03:44 PM	83.4	25.4	36.6	52.9	62.9	68.2	69.1	71.7	75.4	79.5	77.8	65.4
03:44 PM - 04:44 PM	83.7	26.6	37.9	52.9	63.2	69.0	70.1	71.9	75.1	79.9	78.3	65.9
04:44 PM - 05:44 PM	78.4	20.2	36.3	48.0	55.9	60.2	61.3	62.7	61.7	59.8	54.3	41.9
05:44 PM - 06:44 PM	78.7	20.4	36.7	48.3	56.5	60.3	61.3	62.7	61.9	59.9	54.5	42.2
06:44 PM - 07:44 PM	78.8	20.3	36.8	48.3	56.6	60.3	61.4	62.7	61.8	59.6	54.0	41.9
07:44 PM - 08:44 PM	78.9	19.8	37.0	48.4	56.4	60.8	61.8	63.1	62.0	59.6	54.0	42.1
Average	82.3	27.4	42.6	57.8	67.5	73.1	72.2	72.5	73.7	74.0	71.0	58.4

Reference Method : ANSI Standard S1.6-1984

Technical Management

Tanyatorm Mongkonjirawut
Supervisor

Approved by

Supot Salamteh
Section Head

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S:\Reports_Air Noise_Octave band.rpt (5:05PM)



Analysis / Test Report

Client : Thai Polyethylene Co., Ltd.

10, Map Ta Phut Industrial Estate I-1 Road, Map Ta Phut, Muang District, Rayong
Thailand 21150

P/O :

Project Name : Environmental Monitoring

Project Location : LDPE

Lot ID: 2590602

Date Received : Nov 21, 2025

Date Reported : Nov 27, 2025

Report Number : 3460532-1

Page 1 of 1

Sample Number 2590602-3
Parameter Octave band (12 hrs.)
Location Recycle Gas Cooler
Measurement Date Nov 19, 2025
Measurement By Anurak Tongkhajonsakda

Time	Result (dB(A))											
	Leq	16 Hz	31.5 Hz	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	16 kHz
09:04 AM - 10:04 AM	78.7	20.5	36.4	48.2	56.3	60.7	62.2	63.3	62.2	60.3	54.9	42.3
10:04 AM - 11:04 AM	78.9	20.7	36.8	48.5	56.4	60.7	61.8	63.2	62.2	60.3	54.8	42.4
11:04 AM - 12:04 PM	78.9	20.8	36.7	48.4	56.5	60.5	61.7	63.1	62.2	60.3	54.8	42.4
12:04 PM - 01:04 PM	79.0	21.2	37.0	48.5	56.7	60.6	61.7	63.0	62.2	60.2	54.7	42.4
01:04 PM - 02:04 PM	78.8	20.6	36.7	48.4	56.6	60.5	61.6	62.8	62.1	60.1	54.8	42.3
02:04 PM - 03:04 PM	78.9	20.6	36.9	48.5	56.7	60.5	61.5	62.9	62.1	60.1	54.7	42.4
03:04 PM - 04:04 PM	79.4	20.9	37.4	48.9	57.2	60.9	62.0	63.3	62.4	60.2	54.6	42.5
04:04 PM - 05:04 PM	79.4	20.7	37.4	48.9	57.2	61.2	62.1	63.4	62.4	60.2	54.6	42.6
05:04 PM - 06:04 PM	79.5	20.8	37.4	49.0	57.1	61.3	62.2	63.6	62.5	60.1	54.5	42.7
06:04 PM - 07:04 PM	78.6	20.4	36.5	48.2	56.4	60.3	61.4	62.6	61.9	59.9	54.6	42.1
07:04 PM - 08:04 PM	78.6	20.4	36.5	48.2	56.1	60.4	61.5	62.9	61.9	60.0	54.5	42.1
08:04 PM - 09:04 PM	78.3	19.6	36.2	47.8	55.9	60.1	61.0	62.4	61.3	58.9	53.3	41.5
Average	78.9	20.6	36.8	48.5	56.6	60.7	61.7	63.1	62.1	60.1	54.6	42.3

Reference Method : ANSI Standard S1.6-1984

Technical Management

Tanyatorm Mongkonjirawut
Supervisor

Approved by

Supot Salamteh
Section Head

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Analysis / Test Report

Client : Thai Polyethylene Co., Ltd.

10, Map Ta Phut Industrial Estate I-1 Road, Map Ta Phut, Muang District, Rayong
Thailand 21150

P/O :

Project Name : Environmental Monitoring

Project Location : LDPE

Lot ID: 2590602

Date Received : Nov 21, 2025

Date Reported : Nov 27, 2025

Report Number : 3460533-1

Page 1 of 1

Sample Number 2590602-4
Parameter Octave band (12 hrs.)
Location CCR
Measurement Date Nov 19, 2025
Measurement By AnuraH Tongkhajonsakda

Time	Result (dB(A))											
	Lej	16 qz	31.5 qz	63 qz	125 qz	250 qz	500 qz	1 Hz	2 Hz	4 Hz	8 Hz	16 Hz
08:59 AM - 09:59 AM	59.5	17.6	27.0	30.3	41.0	48.9	54.7	54.9	51.7	46.1	54.9	42.3
09:59 AM - 10:59 AM	61.1	16.9	26.2	28.6	40.7	49.8	56.3	56.6	54.1	45.8	32.2	17.2
10:59 AM - 11:59 AM	62.3	18.0	26.6	29.8	41.9	50.1	57.1	57.9	55.8	47.8	37.6	24.6
11:59 AM - 12:59 PM	56.9	17.9	26.8	29.0	39.8	47.7	51.4	52.7	48.6	43.0	30.6	17.7
12:59 PM - 01:59 PM	62.7	17.7	27.0	29.8	43.5	51.9	58.7	57.8	54.2	47.6	35.4	21.1
01:59 PM - 02:59 PM	64.6	17.3	27.5	29.9	43.6	52.7	60.8	60.2	55.7	47.7	34.9	20.4
02:59 PM - 03:59 PM	63.3	17.1	27.6	29.7	42.8	51.3	59.2	58.8	55.1	47.3	33.9	19.2
03:59 PM - 04:59 PM	64.4	18.3	27.7	30.6	43.3	52.1	60.5	60.1	55.3	47.8	34.9	24.3
04:59 PM - 05:59 PM	61.1	16.6	27.2	29.7	41.5	49.9	56.6	56.7	53.4	45.5	32.9	20.2
05:59 PM - 06:59 PM	59.6	16.8	26.9	29.4	41.1	49.5	55.3	55.0	51.4	44.0	32.0	18.1
06:59 PM - 07:59 PM	62.7	18.5	27.8	30.2	42.3	51.4	57.9	58.2	55.7	47.4	33.8	18.8
07:59 PM - 08:59 PM	63.4	16.1	26.3	28.7	42.4	51.5	59.6	59.0	54.5	46.5	33.7	19.2
Average	62.3	17.5	27.1	29.7	42.1	50.8	58.0	57.8	54.2	46.6	44.5	31.8

Reference Method : ANSI Standard S1.6-1984

Technical Management

Tanyatorm Mongkhajirawat
Supervisor

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Supot Salamteh
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Analysis / Test Report

Client : Thai Polyethylene Co., Ltd.

10, Map Ta Phut Industrial Estate I-1 Road, Map Ta Phut, Muang District, Rayong
Thailand 21150

P/O :

Project Name : Environmental Monitoring

Project Location : LDPE

Lot ID: 2590602

Date Received : Nov 21, 2025

Date Reported : Nov 27, 2025

Report Number : 3460534-1

Page 1 of 1

Sample Number 2590602-5
Parameter Octave band (12 hrs.)
Location Haggling Area
Measurement Date Nov 19, 2025
Measurement By Anurak Tongkhajonsakda

Time	Result (dB(A))											
	Leq	16 z 8	31.5 z 8	63 z 8	125 z 8	250 z 8	500 z 8	1 kz 8	2 kz 8	4 kz 8	8 kz 8	16 kz 8
08:40 AM - 09:40 AM	78.9	23.4	43.4	53.6	61.8	66.7	70.0	72.3	72.9	72.2	68.2	58.1
09:40 AM - 10:40 AM	79.4	24.3	42.5	53.0	61.9	67.5	71.1	73.5	73.6	72.1	67.5	57.8
10:40 AM - 11:40 AM	76.3	23.7	42.1	52.7	61.5	66.4	68.4	69.8	70.1	68.9	64.1	53.7
11:40 AM - 12:40 PM	79.8	23.3	42.2	52.9	61.8	67.2	70.6	74.2	74.4	72.3	67.9	57.3
12:40 PM - 01:40 PM	79.8	23.8	42.5	52.9	62.0	67.7	71.1	73.7	74.3	72.7	68.1	56.4
01:40 PM - 02:40 PM	80.1	24.2	42.3	53.0	61.9	67.9	71.2	73.7	74.5	73.3	69.0	58.5
02:40 PM - 03:40 PM	80.7	24.5	42.7	53.2	62.1	68.5	72.0	74.6	75.1	73.6	69.1	58.0
03:40 PM - 04:40 PM	80.4	24.4	42.7	53.3	61.9	68.1	71.6	74.2	74.8	73.4	68.8	57.2
04:40 PM - 05:40 PM	77.8	22.3	41.7	52.7	61.2	66.3	69.2	71.3	71.8	70.5	66.9	59.3
05:40 PM - 06:40 PM	74.3	19.1	41.7	52.9	60.9	64.9	67.0	67.6	68.0	66.0	61.6	53.2
06:40 PM - 07:40 PM	75.8	20.3	39.7	50.7	59.2	64.3	67.2	69.3	69.8	68.5	64.9	57.3
07:40 PM - 08:40 PM	74.8	19.6	42.2	53.4	61.4	65.4	67.5	68.1	68.5	66.5	62.1	53.7
Average	78.7	23.1	42.2	52.9	61.5	66.9	70.1	72.5	72.9	71.5	67.1	57.1

Reference Method : ANSI Standard S1.6-1984

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Tanyatorm Mongkhajirawat
Supervisor

Approved by

Supot Salamteh
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Thailand 21150

Project Location : LDPE

Report Number : 3460535-1

Page 1 of 1

Sample Number	2590602-6
Parameter	Octave band (12 hrs.)
Location	Storage Area
Measurement Date	Nov 19, 2025
Measurement By	Anurak Tongkhajonsakda

Time	Result (d5(A))											
	Leq	16 z 8	31.5 z 8	63 z 8	125 z 8	250 z 8	500 z 8	1 kz 8	2 kz 8	4 kz 8	8 kz 8	16 kz 8
08:58 AM - 09:58 AM	75.1	22.1	37.4	51.5	62.1	68.1	67.7	67.7	68.7	66.4	57.2	40.2
09:58 AM - 10:58 AM	75.3	22.5	37.9	51.7	62.2	68.5	67.8	67.7	68.8	66.5	57.1	39.2
10:58 AM - 11:58 AM	75.0	22.3	37.7	51.5	61.9	67.8	67.6	67.4	68.9	66.6	57.4	39.4
11:58 AM - 12:58 PM	74.9	22.6	37.8	51.5	61.9	68.0	67.4	67.1	68.8	66.4	57.2	39.1
12:58 PM - 01:58 PM	74.9	22.0	37.5	51.4	61.6	67.8	67.1	67.0	68.9	66.5	57.5	39.4
01:58 PM - 02:58 PM	74.9	22.0	37.9	51.6	61.5	67.7	67.3	67.1	68.9	66.6	57.4	39.3
02:58 PM - 03:58 PM	75.0	22.2	38.3	52.1	62.0	68.0	67.5	67.6	68.7	66.5	57.1	39.2
03:58 PM - 04:58 PM	75.2	22.0	38.3	52.2	62.1	68.2	67.5	67.7	68.9	66.7	57.1	39.2
04:58 PM - 05:58 PM	75.3	22.5	38.5	52.5	62.4	68.5	67.8	67.6	69.2	66.6	56.9	39.0
05:58 PM - 06:58 PM	75.2	22.5	37.9	51.7	62.1	68.0	67.8	67.6	69.1	66.8	57.6	39.6
06:58 PM - 07:58 PM	75.3	22.3	37.6	51.7	62.3	68.3	67.9	67.9	68.9	66.6	57.4	40.4
07:58 PM - 08:58 PM	75.3	22.5	38.6	52.4	62.3	68.3	67.8	67.9	69.0	66.8	57.4	39.5
Average	75.1	22.3	38.0	51.8	62.0	68.1	67.6	67.5	68.9	66.6	57.3	39.5

Reference Method : ANHİ Htandard H1.6-19B4


Tanyatorn Mongkonjirawut
Hupervisor

Snapt S.
Hupot Halamteh
Hection z ead

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10, Map Ta Phut Industrial Estate I-1 Road, Map Ta Phut, Muang District, Rayong
Thailand 21150

Project Location : LDPE

Report Number : 3460536-1

Page 1 of 1

Sample Number	2590602-7
Parameter	Octave band (12 hrs.)
Location	กิ่งกลางรั้วทิศเหนือระหว่าง LDPE & HDPE
Measurement Date	Nov 19, 2025
Measurement By	Anurak Tongkhajonsakda

Time	Result (dB(A))											
	Leq	16 Hz	31.5 Hz	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	16 kHz
09:17 AM - 10:17 AM	83.9	25.9	37.1	53.4	63.4	68.7	69.6	72.2	75.9	80.0	78.3	65.9
10:17 AM - 11:17 AM	83.8	25.8	36.8	53.6	63.3	68.7	69.8	72.2	75.4	79.9	78.2	65.9
11:17 AM - 12:17 PM	83.6	28.1	39.1	52.8	63.2	68.8	70.1	71.9	74.9	79.7	78.2	65.9
12:17 PM - 01:17 PM	83.6	26.5	37.8	52.8	63.1	68.9	70.0	71.8	75.0	79.8	78.2	65.8
01:17 PM - 02:17 PM	83.7	27.0	37.8	52.8	63.3	69.2	69.9	71.9	75.4	79.8	78.2	65.8
02:17 PM - 03:17 PM	83.5	27.7	38.8	53.1	62.8	68.7	69.9	71.7	74.4	79.7	78.2	65.8
03:17 PM - 04:17 PM	83.6	26.8	37.2	53.4	62.8	68.8	69.6	71.9	75.2	79.8	78.1	65.8
04:17 PM - 05:17 PM	83.7	27.3	37.7	53.4	62.3	68.8	69.7	72.1	75.5	79.8	78.2	65.8
05:17 PM - 06:17 PM	83.5	25.4	36.7	53.6	62.3	68.7	69.5	71.8	74.4	79.7	78.1	65.7
06:17 PM - 07:17 PM	83.8	28.3	39.3	53.0	63.4	69.0	70.3	72.1	75.1	79.9	78.4	66.1
07:17 PM - 08:17 PM	83.6	25.6	36.8	53.1	63.1	68.4	69.3	71.9	75.6	79.7	78.0	65.6
08:17 PM - 09:17 PM	83.7	27.9	39.0	53.3	63.0	68.9	70.1	71.9	74.6	79.9	78.4	66.0
Average	83.7	27.0	37.9	53.2	63.0	68.8	69.8	72.0	75.1	79.8	78.2	65.8

Reference Method : ANSI Standard S1.6-1984


Tanyatorn Mongkonjirawut
Supervisor

Supot S.
Supot Salamteh
Section Head

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Analysis / Test Report

Client : Thai Polyethylene Co., Ltd.

10, Map Ta Phut Industrial Estate I-1 Road, Map Ta Phut, Muang District, Rayong
Thailand 21150

P/O : Check

Project Name : Environmental Monitoring

Project Location : LDPE

Lot ID: 2563368

Date Received : Aug 05, 2025

Date Reported : Aug 08, 2025

Report Number : 3349361-1

Page 1 of 2

Sample Number 2563368-1
Sampled Date Aug 04, 2025
Sample Description Noise Dose
Location พนักงาน Operator ของ LDPE
Personal Sampling คุณวราพร มาตรวังแสง
Date Analysis Commenced Aug 08, 2025

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Noise Dose (12 hrs.) (Calculated from Avg)	08:00 AM - 08:00 PM	%	-	1	44.7	No Standard	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Rayong
Noise Dose (8 hrs.)	08:00 AM - 08:00 PM	%	-	1	42.7	No Standard	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Rayong
TWA (12 hrs.) (Calculated from Avg)	08:00 AM - 08:00 PM	dB(A)	-	-	79.5	83*	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Rayong
TWA (8 hrs.)	08:00 AM - 08:00 PM	dB(A)	-	-	81.3	85	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Rayong

Guideline :

MOL : 1. Notification of Department Labour Protection and Welfare on the Criteria and Procedures for Measurement and Analysis of Working Conditions in relation to Heat, Light or Noise Levels, including Duration and Types of Business that must perform (B.E. 2561)

2. Notification of Department of Labour Protection and Welfare on the Standard of Time Weighted Average (TWA) Noise Level (B.E. 2561)

* MOL: Recommended guideline limit for 12 working hours should not be over 83 dB(A)

Sampled By : Amnat Wongsakhen

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

Approved by

Supt S

Supot Salamteh
Section Head

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Analysis / Test Report

Client : Thai Polyethylene Co., Ltd.

10, Map Ta Phut Industrial Estate I-1 Road, Map Ta Phut, Muang District, Rayong
Thailand 21150

P/O :

Project Name : Environmental Monitoring

Project Location : LDPE

Lot ID: 2590600

Date Received : Nov 21, 2025

Date Reported : Nov 25, 2025

Report Number : 3415021-1

Page 1 of 2

Sample Number 2590600-1
Sampled Date Nov 19, 2025
Sample Description Noise Dose
Location พนักงาน Operator ของ LDPE
Personal Sampling คุณวราพร มาตรวังแสง
Date Analysis Commenced Nov 24, 2025

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Noise Dose (12 hrs.) (Calculated from Avg)	08:00 AM - 08:00 PM	%	-	1	4.4	No Standard	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Rayong
Noise Dose (8 hrs.)	08:00 AM - 08:00 PM	%	-	1	4.2	No Standard	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Rayong
TWA (12 hrs.) (Calculated from Avg)	08:00 AM - 08:00 PM	dB(A)	-	-	69.4	83*	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Rayong
TWA (8 hrs.)	08:00 AM - 08:00 PM	dB(A)	-	-	71.2	85	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Rayong

Guideline :

MOL : 1. Notification of Department Labour Protection and Welfare on the Criteria and Procedures for Measurement and Analysis of Working Conditions in relation to Heat, Light or Noise Levels, including Duration and Types of Business that must perform (B.E. 2561)

2. Notification of Department of Labour Protection and Welfare on the Standard of Time Weighted Average (TWA) Noise Level (B.E. 2561)

* MOL: Recommended guideline limit for 12 working hours should not be over 83 dB(A)

Sampled By : Chanon Booncheun

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

Approved by

Supt S

Supot Salamteh
Section Head

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