

ค-3

ระดับเสียง



Analysis / Test Report



TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok Thailand 10500

P/O : สัญญาจ้าง

Project Name : Project AIE Rayong

Project Location :

Lot ID: 22133613

Date Received : Dec 06, 2022

Date Reported : Dec 12, 2022

Report Number: 2517406-1

Page 1 of 1

Sample Number 22133613-1
Parameter Noise (Leq 24 hrs.)
Location N1 (วัดประทุมมิตรบำรุง) (GPS 47P 0726474,1407389)
Measurement Date Nov 26 - Nov 27, 2022
Measurement by Santi Chaichana
Sound Level meter Serial No. 572561

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	52.8	71.9	44.0
12:00 PM - 01:00 PM	53.5	72.7	45.0
01:00 PM - 02:00 PM	52.7	75.7	44.5
02:00 PM - 03:00 PM	56.1	88.2	45.0
03:00 PM - 04:00 PM	53.3	74.2	46.0
04:00 PM - 05:00 PM	55.7	71.5	49.1
05:00 PM - 06:00 PM	62.0	85.3	58.8
06:00 PM - 07:00 PM	55.9	71.4	50.7
07:00 PM - 08:00 PM	55.9	82.5	49.3
08:00 PM - 09:00 PM	54.0	71.2	48.0
09:00 PM - 10:00 PM	52.6	77.9	46.1
10:00 PM - 11:00 PM	51.3	71.1	46.0
11:00 PM - 12:00 AM	50.0	74.0	44.8
12:00 AM - 01:00 AM	48.2	63.8	44.1
01:00 AM - 02:00 AM	48.1	67.3	44.1
02:00 AM - 03:00 AM	48.1	78.8	40.4
03:00 AM - 04:00 AM	46.4	67.2	41.1
04:00 AM - 05:00 AM	48.3	69.8	42.5
05:00 AM - 06:00 AM	55.2	80.8	46.2
06:00 AM - 07:00 AM	56.3	73.0	51.6
07:00 AM - 08:00 AM	57.2	78.4	51.2
08:00 AM - 09:00 AM	56.1	76.1	47.0
09:00 AM - 10:00 AM	53.2	73.0	44.3
10:00 AM - 11:00 AM	52.9	73.1	44.4

Leq Average 24 hrs. (dB(A))

Lmax (dB(A))

L90 (dB(A))

Ldn (dB(A))

Standard (dB(A))

Reference Method : ISO1996-1 and 1996-2

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

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Life Sciences

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S:\Reports_Air Noise.rpt (10:16AM)



Analysis / Test Report



TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok Thailand 10500

P/O : สัญญาจ้าง

Project Name : Project AIE Rayong

Project Location :

Lot ID: 22133613

Date Received : Dec 06, 2022

Date Reported : Dec 12, 2022

Report Number: 2517407-1

Page 1 of 1

Sample Number 22133613-2
Parameter Noise (Leq 24 hrs.)
Location N1 (วัดประทุมมิตรบำรุง) (GPS 47P 0726474,1407389)
Measurement Date Nov 27 - Nov 28, 2022
Measurement by Santi Chaichana
Sound Level meter Serial No. 572561

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	53.3	76.7	44.9
12:00 PM - 01:00 PM	53.3	75.1	44.7
01:00 PM - 02:00 PM	54.0	77.5	46.1
02:00 PM - 03:00 PM	53.3	69.2	44.7
03:00 PM - 04:00 PM	53.9	72.1	45.4
04:00 PM - 05:00 PM	54.7	76.5	46.9
05:00 PM - 06:00 PM	55.5	79.9	49.1
06:00 PM - 07:00 PM	54.4	70.8	48.9
07:00 PM - 08:00 PM	54.0	71.4	48.4
08:00 PM - 09:00 PM	53.2	71.3	48.2
09:00 PM - 10:00 PM	53.2	76.0	46.9
10:00 PM - 11:00 PM	51.5	79.3	44.6
11:00 PM - 12:00 AM	48.6	68.8	43.5
12:00 AM - 01:00 AM	47.3	72.0	42.9
01:00 AM - 02:00 AM	45.8	62.9	41.5
02:00 AM - 03:00 AM	45.3	67.9	41.1
03:00 AM - 04:00 AM	46.1	66.2	41.7
04:00 AM - 05:00 AM	50.9	75.1	43.2
05:00 AM - 06:00 AM	53.8	75.1	46.4
06:00 AM - 07:00 AM	56.6	76.5	51.5
07:00 AM - 08:00 AM	57.4	76.6	52.1
08:00 AM - 09:00 AM	54.4	80.8	45.5
09:00 AM - 10:00 AM	52.3	71.4	43.7
10:00 AM - 11:00 AM	52.3	67.5	44.4

Leq Average 24 hrs. (dB(A))

Lmax (dB(A))

L90 (dB(A))

Ldn (dB(A))

Standard (dB(A))

Reference Method : ISO1996-1 and 1996-2

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

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report



TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok Thailand 10500

P/O : สันติญาจาง

Project Name : Project AIE Rayong

Project Location :

Lot ID: 22133613

Date Received : Dec 06, 2022

Date Reported : Dec 12, 2022

Report Number: 2517408-1

Page 1 of 1

Sample Number 22133613-3
Parameter Noise (Leq 24 hrs.)
Location N1 (วัดประทุมมิตรบำรุง) (GPS 47P 0726474,1407389)
Measurement Date Nov 28 - Nov 29, 2022
Measurement by Santi Chaichana
Sound Level meter Serial No. 572561

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	52.9	74.8	44.8
12:00 PM - 01:00 PM	54.1	74.2	46.2
01:00 PM - 02:00 PM	54.8	71.6	48.1
02:00 PM - 03:00 PM	60.1	82.9	52.8
03:00 PM - 04:00 PM	53.6	74.5	45.8
04:00 PM - 05:00 PM	54.8	72.2	47.5
05:00 PM - 06:00 PM	56.3	81.8	50.0
06:00 PM - 07:00 PM	55.2	76.3	49.1
07:00 PM - 08:00 PM	55.0	78.0	47.9
08:00 PM - 09:00 PM	53.6	76.6	47.1
09:00 PM - 10:00 PM	52.9	80.6	45.5
10:00 PM - 11:00 PM	50.0	70.8	43.7
11:00 PM - 12:00 AM	47.6	68.1	42.4
12:00 AM - 01:00 AM	47.3	67.2	42.5
01:00 AM - 02:00 AM	46.8	72.0	41.0
02:00 AM - 03:00 AM	43.8	67.3	40.0
03:00 AM - 04:00 AM	45.2	66.7	40.3
04:00 AM - 05:00 AM	49.4	73.2	41.9
05:00 AM - 06:00 AM	52.4	72.7	45.3
06:00 AM - 07:00 AM	56.6	81.0	50.6
07:00 AM - 08:00 AM	57.2	81.5	50.9
08:00 AM - 09:00 AM	54.7	77.0	44.5
09:00 AM - 10:00 AM	52.7	70.2	44.0
10:00 AM - 11:00 AM	52.3	76.5	43.3

Leq Average 24 hrs. (dB(A)) 54.0

Lmax (dB(A)) 82.9

L90 (dB(A)) 45.3

Ldn (dB(A)) 58.0

Standard (dB(A)) 70 115

Reference Method : ISO1996-1 and 1996-2

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

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supt S.

Supt Salameh
Section Head

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Analysis / Test Report



TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok Thailand 10500

P/O : สันติญาจาง

Project Name : Project AIE Rayong

Project Location :

Lot ID: 22133613

Date Received : Dec 06, 2022

Date Reported : Dec 12, 2022

Report Number: 2517409-1

Page 1 of 1

Sample Number 22133613-4
Parameter Noise (Leq 24 hrs.)
Location N1 (วัดประทุมมิตรบำรุง) (GPS 47P 0726474,1407389)
Measurement Date Nov 29 - Nov 30, 2022
Measurement by Santi Chaichana
Sound Level meter Serial No. 572561

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	53.0	72.1	44.1
12:00 PM - 01:00 PM	53.8	72.9	45.2
01:00 PM - 02:00 PM	52.9	75.9	44.7
02:00 PM - 03:00 PM	56.3	88.4	45.2
03:00 PM - 04:00 PM	53.5	74.4	46.0
04:00 PM - 05:00 PM	55.4	71.0	48.8
05:00 PM - 06:00 PM	62.2	85.5	58.9
06:00 PM - 07:00 PM	56.1	71.6	51.1
07:00 PM - 08:00 PM	56.2	82.7	49.5
08:00 PM - 09:00 PM	54.2	71.4	48.4
09:00 PM - 10:00 PM	53.0	78.1	46.2
10:00 PM - 11:00 PM	51.6	71.3	46.4
11:00 PM - 12:00 AM	50.3	74.2	45.1
12:00 AM - 01:00 AM	48.4	64.0	44.3
01:00 AM - 02:00 AM	48.2	64.8	44.4
02:00 AM - 03:00 AM	48.5	79.0	40.8
03:00 AM - 04:00 AM	46.2	67.4	41.2
04:00 AM - 05:00 AM	48.5	70.0	42.7
05:00 AM - 06:00 AM	55.3	81.0	46.0
06:00 AM - 07:00 AM	56.3	73.2	51.4
07:00 AM - 08:00 AM	57.5	78.6	51.6
08:00 AM - 09:00 AM	56.3	76.3	47.9
09:00 AM - 10:00 AM	53.8	73.2	44.6
10:00 AM - 11:00 AM	53.0	73.3	44.5

Leq Average 24 hrs. (dB(A)) 54.9

Lmax (dB(A)) 88.4

L90 (dB(A)) 45.2

Ldn (dB(A)) 59.1

Standard (dB(A)) 70 115

Reference Method : ISO1996-1 and 1996-2

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

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supt S.

Supt Salameh
Section Head

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Analysis / Test Report



TESTING
No.0042

Lot ID: 22133613

Date Received : Dec 06, 2022

Date Reported : Dec 12, 2022

Report Number: 2517410-1

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok Thailand 10500

P/O : สัญญาจ้าง

Project Name : Project AIE Rayong

Project Location :

Page 1 of 1

Sample Number 22133613-5
Parameter Noise (Leq 24 hrs.)
Location N1 (วัดประทุมมิตรบำรุง) (GPS 47P 0726474,1407389)
Measurement Date Nov 30 - Dec 01, 2022
Measurement by Santi Chaichana
Sound Level meter Serial No. 572561

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	53.7	76.9	45.4
12:00 PM - 01:00 PM	53.5	75.3	44.6
01:00 PM - 02:00 PM	52.8	74.8	46.3
02:00 PM - 03:00 PM	52.4	70.1	44.9
03:00 PM - 04:00 PM	53.9	77.0	49.2
04:00 PM - 05:00 PM	56.4	79.3	51.8
05:00 PM - 06:00 PM	56.9	81.7	51.4
06:00 PM - 07:00 PM	55.8	80.1	50.3
07:00 PM - 08:00 PM	56.0	81.5	50.3
08:00 PM - 09:00 PM	54.4	78.5	48.4
09:00 PM - 10:00 PM	52.7	72.6	46.2
10:00 PM - 11:00 PM	51.0	67.7	45.8
11:00 PM - 12:00 AM	50.7	73.3	45.0
12:00 AM - 01:00 AM	47.9	74.2	42.1
01:00 AM - 02:00 AM	49.2	76.8	41.8
02:00 AM - 03:00 AM	46.8	68.5	41.8
03:00 AM - 04:00 AM	47.3	72.1	41.9
04:00 AM - 05:00 AM	49.1	65.5	44.2
05:00 AM - 06:00 AM	53.9	79.5	47.5
06:00 AM - 07:00 AM	56.5	73.6	51.2
07:00 AM - 08:00 AM	57.1	73.9	52.2
08:00 AM - 09:00 AM	54.5	77.9	47.5
09:00 AM - 10:00 AM	53.2	76.1	45.7
10:00 AM - 11:00 AM	54.2	74.8	48.3

Leq Average 24 hrs. (dB(A))

53.8

Lmax (dB(A))

81.7

L90 (dB(A))

46.2

Ldn (dB(A))

58.5

Standard (dB(A))

70

115

Reference Method : ISO1996-1 and 1996-2

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

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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1337-32/ EMAIL



Analysis / Test Report



TESTING
No.0042

Lot ID: 22133613

Date Received : Dec 06, 2022

Date Reported : Dec 12, 2022

Report Number: 2517411-1

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok Thailand 10500

P/O : สัญญาจ้าง

Project Name : Project AIE Rayong

Project Location :

Page 1 of 1

Sample Number 22133613-6
Parameter Noise (Leq 24 hrs.)
Location N1 (วัดประทุมมิตรบำรุง) (GPS 47P 0726474,1407389)
Measurement Date Dec 01 - Dec 02, 2022
Measurement by Santi Chaichana
Sound Level meter Serial No. 572561

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	54.0	72.8	47.9
12:00 PM - 01:00 PM	54.5	76.7	48.7
01:00 PM - 02:00 PM	56.8	74.5	49.8
02:00 PM - 03:00 PM	55.0	75.1	48.4
03:00 PM - 04:00 PM	55.3	73.3	50.9
04:00 PM - 05:00 PM	56.6	72.3	51.7
05:00 PM - 06:00 PM	58.9	78.5	53.0
06:00 PM - 07:00 PM	57.7	79.5	53.7
07:00 PM - 08:00 PM	58.8	76.3	55.2
08:00 PM - 09:00 PM	59.9	74.6	57.4
09:00 PM - 10:00 PM	54.3	86.4	47.3
10:00 PM - 11:00 PM	51.6	67.0	46.7
11:00 PM - 12:00 AM	50.7	73.7	46.1
12:00 AM - 01:00 AM	49.7	65.5	45.6
01:00 AM - 02:00 AM	49.5	73.2	44.4
02:00 AM - 03:00 AM	47.4	70.3	43.4
03:00 AM - 04:00 AM	49.2	72.2	43.4
04:00 AM - 05:00 AM	50.2	71.8	45.4
05:00 AM - 06:00 AM	54.8	74.6	50.0
06:00 AM - 07:00 AM	59.1	86.1	53.9
07:00 AM - 08:00 AM	60.7	83.0	54.4
08:00 AM - 09:00 AM	57.8	81.9	53.6
09:00 AM - 10:00 AM	55.9	68.1	51.9
10:00 AM - 11:00 AM	54.4	70.8	49.3

Leq Average 24 hrs. (dB(A))

56.1

Lmax (dB(A))

86.4

L90 (dB(A))

49.3

Ldn (dB(A))

60.3

Standard (dB(A))

70

115

Reference Method : ISO1996-1 and 1996-2

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

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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S:\Reports_Air Noise.rpt (10:17AM)



Analysis / Test Report



TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok Thailand 10500

P/O : สฤญภาจาง

Project Name : Project AIE Rayong

Project Location :

Lot ID: 22133613

Date Received : Dec 06, 2022

Date Reported : Dec 12, 2022

Report Number: 2517412-1

Page 1 of 1

Sample Number	22133613-7
Parameter	Noise (Leq 24 hrs.)
Location	N1 (จุดประจันตริมา) (GPS 47P 0726474,1407389)
Measurement Date	Dec 02 - Dec 03, 2022
Measurement by	Santi Chaichana
Sound Level meter	Serial No. 572561

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	54.6	80.5	49.0
12:00 PM - 01:00 PM	54.3	83.0	48.3
01:00 PM - 02:00 PM	52.0	66.1	45.7
02:00 PM - 03:00 PM	55.6	75.6	47.0
03:00 PM - 04:00 PM	53.2	73.4	45.7
04:00 PM - 05:00 PM	54.9	73.6	47.5
05:00 PM - 06:00 PM	56.4	79.8	50.6
06:00 PM - 07:00 PM	55.9	78.7	50.3
07:00 PM - 08:00 PM	54.3	72.4	50.0
08:00 PM - 09:00 PM	54.3	75.7	49.0
09:00 PM - 10:00 PM	52.7	73.0	46.7
10:00 PM - 11:00 PM	53.4	78.8	46.9
11:00 PM - 12:00 AM	54.4	83.5	47.4
12:00 AM - 01:00 AM	51.2	69.2	45.6
01:00 AM - 02:00 AM	47.6	68.2	43.0
02:00 AM - 03:00 AM	47.6	67.0	42.6
03:00 AM - 04:00 AM	47.3	66.4	42.8
04:00 AM - 05:00 AM	50.0	72.7	43.5
05:00 AM - 06:00 AM	52.3	73.2	46.9
06:00 AM - 07:00 AM	55.0	71.5	50.2
07:00 AM - 08:00 AM	56.9	78.3	52.2
08:00 AM - 09:00 AM	55.3	76.2	49.9
09:00 AM - 10:00 AM	55.9	80.1	49.9
10:00 AM - 11:00 AM	53.3	76.3	47.0

Leq Average 24 hrs. (dB(A))	54.0		
Lmax (dB(A))		83.5	
L90 (dB(A))			47.0
Ldn (dB(A))	58.8		
Standard (dB(A))	70	115	

Reference Method : ISO1996-1 and 1996-2

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

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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S:\Reports\Air Noise rpt (10.18AM)



Analysis / Test Report



TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok Thailand 10500

P/O : สฤญภาจาง

Project Name : Project AIE Rayong

Project Location :

Lot ID: 22133613

Date Received : Dec 06, 2022

Date Reported : Dec 12, 2022

Report Number: 2517413-1

Page 1 of 1

Sample Number	22133613-8
Parameter	Noise (Leq 24 hrs.)
Location	N2 (หมู่บ้านน้ำรินวัดลา) (GPS 47P 0726181,1406270)
Measurement Date	Nov 26 - Nov 27, 2022
Measurement by	Santi Chaichana
Sound Level meter	Serial No. 734218

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	58.6	76.2	51.6
12:00 PM - 01:00 PM	61.2	79.3	55.5
01:00 PM - 02:00 PM	58.8	71.3	51.0
02:00 PM - 03:00 PM	59.4	77.9	49.8
03:00 PM - 04:00 PM	60.3	79.7	50.2
04:00 PM - 05:00 PM	61.1	80.8	51.6
05:00 PM - 06:00 PM	60.7	75.8	52.5
06:00 PM - 07:00 PM	60.4	82.3	51.1
07:00 PM - 08:00 PM	57.9	72.2	49.2
08:00 PM - 09:00 PM	56.4	73.6	46.9
09:00 PM - 10:00 PM	55.8	72.0	45.1
10:00 PM - 11:00 PM	58.1	81.2	43.9
11:00 PM - 12:00 AM	54.4	78.1	42.3
12:00 AM - 01:00 AM	53.4	73.8	42.7
01:00 AM - 02:00 AM	52.5	75.2	44.0
02:00 AM - 03:00 AM	50.4	71.7	44.6
03:00 AM - 04:00 AM	51.4	72.7	43.4
04:00 AM - 05:00 AM	50.9	76.5	43.0
05:00 AM - 06:00 AM	52.4	69.3	46.0
06:00 AM - 07:00 AM	58.3	82.0	46.5
07:00 AM - 08:00 AM	59.6	75.7	49.9
08:00 AM - 09:00 AM	59.1	78.9	49.4
09:00 AM - 10:00 AM	60.3	87.3	50.8
10:00 AM - 11:00 AM	59.3	71.5	51.0

Leq Average 24 hrs. (dB(A))	58.2		
Lmax (dB(A))		87.3	
L90 (dB(A))			49.2
Ldn (dB(A))	62.1		
Standard (dB(A))	70	115	

Reference Method : ISO1996-1 and 1996-2

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

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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S:\Reports\Air Noise rpt (10.18AM)



Analysis / Test Report



TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok Thailand 10500

P/O : สัญญาจ้าง

Project Name : Project AIE Rayong

Project Location :

Lot ID: 22133613

Date Received : Dec 06, 2022

Date Reported : Dec 12, 2022

Report Number: 2517414-1

Sample Number 22133613-9
Parameter Noise (Leq 24 hrs.)
Location N2 (หมู่บ้านร่มเกล้า) (GPS 47P 0726181,1406270)
Measurement Date Nov 27 - Nov 28, 2022
Measurement by Santi Chaichana
Sound Level meter Serial No. 734218

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	58.8	75.9	48.6
12:00 PM - 01:00 PM	59.6	78.0	49.8
01:00 PM - 02:00 PM	58.9	76.9	48.2
02:00 PM - 03:00 PM	58.2	79.2	46.1
03:00 PM - 04:00 PM	59.2	76.2	48.7
04:00 PM - 05:00 PM	58.7	75.1	50.6
05:00 PM - 06:00 PM	59.6	75.9	52.3
06:00 PM - 07:00 PM	58.7	76.6	52.0
07:00 PM - 08:00 PM	57.8	75.9	49.6
08:00 PM - 09:00 PM	57.2	80.8	46.6
09:00 PM - 10:00 PM	56.4	76.5	47.8
10:00 PM - 11:00 PM	55.8	80.3	48.0
11:00 PM - 12:00 AM	55.5	82.0	47.3
12:00 AM - 01:00 AM	52.3	73.8	46.2
01:00 AM - 02:00 AM	49.7	70.3	45.3
02:00 AM - 03:00 AM	50.5	73.4	45.6
03:00 AM - 04:00 AM	49.8	70.5	44.7
04:00 AM - 05:00 AM	50.7	75.2	43.2
05:00 AM - 06:00 AM	55.5	74.5	43.5
06:00 AM - 07:00 AM	61.1	80.7	51.5
07:00 AM - 08:00 AM	61.7	76.3	53.6
08:00 AM - 09:00 AM	58.4	80.0	47.3
09:00 AM - 10:00 AM	57.3	76.0	48.4
10:00 AM - 11:00 AM	56.2	69.8	46.3

Leq Average 24 hrs. (dB(A)) 57.7
Lmax (dB(A)) 82.0
L90 (dB(A)) 47.8
Ldn (dB(A)) 62.3
Standard (dB(A)) 70 115

Reference Method : ISO1996-1 and 1996-2

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

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

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report



TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok Thailand 10500

P/O : สัญญาจ้าง

Project Name : Project AIE Rayong

Project Location :

Lot ID: 22133613

Date Received : Dec 06, 2022

Date Reported : Dec 12, 2022

Report Number: 2517414-1

Sample Number 22133613-10
Parameter Noise (Leq 24 hrs.)
Location N2 (หมู่บ้านร่มเกล้า) (GPS 47P 0726181,1406270)
Measurement Date Nov 28 - Nov 29, 2022
Measurement by Santi Chaichana
Sound Level meter Serial No. 734218

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	58.2	79.5	46.6
12:00 PM - 01:00 PM	58.0	77.7	48.9
01:00 PM - 02:00 PM	57.9	75.2	47.2
02:00 PM - 03:00 PM	58.2	79.4	47.9
03:00 PM - 04:00 PM	57.8	76.1	46.6
04:00 PM - 05:00 PM	60.5	78.9	50.0
05:00 PM - 06:00 PM	61.7	83.1	52.6
06:00 PM - 07:00 PM	59.0	76.7	52.2
07:00 PM - 08:00 PM	58.8	77.0	48.4
08:00 PM - 09:00 PM	57.5	78.3	46.9
09:00 PM - 10:00 PM	56.2	74.6	45.8
10:00 PM - 11:00 PM	54.3	75.2	42.8
11:00 PM - 12:00 AM	52.3	72.3	42.8
12:00 AM - 01:00 AM	49.9	70.0	42.9
01:00 AM - 02:00 AM	48.0	68.2	42.8
02:00 AM - 03:00 AM	47.6	68.5	41.5
03:00 AM - 04:00 AM	49.3	69.9	43.3
04:00 AM - 05:00 AM	51.4	74.3	44.9
05:00 AM - 06:00 AM	53.6	69.0	44.6
06:00 AM - 07:00 AM	60.5	82.0	50.9
07:00 AM - 08:00 AM	61.4	77.8	53.0
08:00 AM - 09:00 AM	59.1	78.0	47.0
09:00 AM - 10:00 AM	58.0	82.9	47.3
10:00 AM - 11:00 AM	56.9	76.6	46.7

Leq Average 24 hrs. (dB(A)) 57.6
Lmax (dB(A)) 83.1
L90 (dB(A)) 46.7
Ldn (dB(A)) 61.5
Standard (dB(A)) 70 115

Reference Method : ISO1996-1 and 1996-2

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

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

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report



TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok Thailand 10500

P/O : สัมภาษณ์

Project Name : Project AIE Rayong

Project Location :

Lot ID: 22133613

Date Received : Dec 06, 2022

Date Reported : Dec 12, 2022

Report Number: 2517417-1

Page 1 of 1

Sample Number 22133613-11
Parameter Noise (Leq 24 hrs.)
Location N2 (หมู่บ้านน้ำร้อนวัดตา) (GPS 47P 0726181,1406270)
Measurement Date Nov 29 - Nov 30, 2022
Measurement by Santi Chaichana
Sound Level meter Serial No. 734218

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	58.2	77.5	48.5
12:00 PM - 01:00 PM	57.8	76.0	48.3
01:00 PM - 02:00 PM	56.0	73.0	45.2
02:00 PM - 03:00 PM	56.8	75.6	45.3
03:00 PM - 04:00 PM	57.3	77.7	45.2
04:00 PM - 05:00 PM	60.4	78.3	50.8
05:00 PM - 06:00 PM	63.3	88.9	57.1
06:00 PM - 07:00 PM	61.2	81.6	55.6
07:00 PM - 08:00 PM	58.9	81.6	49.5
08:00 PM - 09:00 PM	56.8	75.5	46.2
09:00 PM - 10:00 PM	55.1	73.1	44.6
10:00 PM - 11:00 PM	55.2	76.2	44.7
11:00 PM - 12:00 AM	53.6	79.0	40.6
12:00 AM - 01:00 AM	49.7	70.2	41.2
01:00 AM - 02:00 AM	49.4	70.2	39.9
02:00 AM - 03:00 AM	51.6	80.8	39.1
03:00 AM - 04:00 AM	46.3	67.9	39.4
04:00 AM - 05:00 AM	49.5	69.1	39.7
05:00 AM - 06:00 AM	53.8	69.1	41.5
06:00 AM - 07:00 AM	60.5	81.4	50.8
07:00 AM - 08:00 AM	61.9	78.6	54.0
08:00 AM - 09:00 AM	61.3	77.4	51.0
09:00 AM - 10:00 AM	58.2	75.8	47.1
10:00 AM - 11:00 AM	59.7	81.9	44.8

Leq Average 24 hrs. (dB(A))

58.2

Lmax (dB(A))

88.9

L90 (dB(A))

45.2

Ldn (dB(A))

61.9

Standard (dB(A))

70

115

Reference Method : ISO1996-1 and 1996-2

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

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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S:\Reports\Air Noise.rpt (10:22AM)

1337-32/ EMAIL



Analysis / Test Report



TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok Thailand 10500

P/O : สัมภาษณ์

Project Name : Project AIE Rayong

Project Location :

Lot ID: 22133613

Date Received : Dec 06, 2022

Date Reported : Dec 12, 2022

Report Number: 2517418-1

Page 1 of 1

Sample Number 22133613-12
Parameter Noise (Leq 24 hrs.)
Location N2 (หมู่บ้านน้ำร้อนวัดตา) (GPS 47P 0726181,1406270)
Measurement Date Nov 30 - Dec 01, 2022
Measurement by Santi Chaichana
Sound Level meter Serial No. 734218

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	58.3	79.1	46.3
12:00 PM - 01:00 PM	58.6	81.7	47.5
01:00 PM - 02:00 PM	57.7	80.9	46.2
02:00 PM - 03:00 PM	57.8	82.7	46.4
03:00 PM - 04:00 PM	58.4	81.3	46.0
04:00 PM - 05:00 PM	61.8	84.0	53.5
05:00 PM - 06:00 PM	61.0	78.9	54.4
06:00 PM - 07:00 PM	59.7	79.1	50.9
07:00 PM - 08:00 PM	59.7	79.4	48.3
08:00 PM - 09:00 PM	59.0	81.7	45.9
09:00 PM - 10:00 PM	57.1	80.2	43.2
10:00 PM - 11:00 PM	53.7	72.7	42.2
11:00 PM - 12:00 AM	53.8	74.1	38.5
12:00 AM - 01:00 AM	52.4	77.5	36.3
01:00 AM - 02:00 AM	49.7	75.7	34.9
02:00 AM - 03:00 AM	48.6	71.1	34.5
03:00 AM - 04:00 AM	47.3	68.5	37.1
04:00 AM - 05:00 AM	49.3	72.1	42.1
05:00 AM - 06:00 AM	54.5	74.7	43.6
06:00 AM - 07:00 AM	61.2	83.5	50.0
07:00 AM - 08:00 AM	62.7	82.8	53.9
08:00 AM - 09:00 AM	58.8	80.8	47.4
09:00 AM - 10:00 AM	60.1	86.1	47.6
10:00 AM - 11:00 AM	57.2	77.5	45.8

Leq Average 24 hrs. (dB(A))

58.2

Lmax (dB(A))

86.1

L90 (dB(A))

46.0

Ldn (dB(A))

62.1

Standard (dB(A))

70

115

Reference Method : ISO1996-1 and 1996-2

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

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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S:\Reports\Air Noise.rpt (10:22AM)



Analysis / Test Report



TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok Thailand 10500

P/O : สัตยาจำจ

Project Name : Project AIE Rayong

Project Location :

Lot ID: 22133613

Date Received : Dec 06, 2022

Date Reported : Dec 12, 2022

Report Number: 2517419-1

Sample Number 22133613-13
Parameter Noise (Leq 24 hrs.)
Location N2 (หมู่บ้านน้ำรินวัดลำ) (GPS 47P 0726181,1406270)
Measurement Date Dec 01 - Dec 02, 2022
Measurement by Santi Chaichana
Sound Level meter Serial No. 734218

Page 1 of 1

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	60.5	83.4	49.2
12:00 PM - 01:00 PM	57.3	73.2	47.5
01:00 PM - 02:00 PM	59.0	78.8	48.6
02:00 PM - 03:00 PM	59.1	78.1	50.0
03:00 PM - 04:00 PM	59.7	80.8	48.9
04:00 PM - 05:00 PM	60.7	79.2	49.6
05:00 PM - 06:00 PM	60.4	76.0	53.7
06:00 PM - 07:00 PM	60.4	82.3	51.8
07:00 PM - 08:00 PM	59.2	83.3	49.0
08:00 PM - 09:00 PM	59.5	87.1	49.6
09:00 PM - 10:00 PM	56.2	75.0	49.3
10:00 PM - 11:00 PM	56.5	80.1	48.0
11:00 PM - 12:00 AM	54.2	70.9	48.0
12:00 AM - 01:00 AM	51.7	72.7	45.5
01:00 AM - 02:00 AM	50.4	77.1	41.7
02:00 AM - 03:00 AM	51.2	71.8	45.0
03:00 AM - 04:00 AM	49.9	73.7	42.7
04:00 AM - 05:00 AM	51.5	75.2	43.7
05:00 AM - 06:00 AM	54.6	71.5	45.3
06:00 AM - 07:00 AM	60.5	76.3	51.3
07:00 AM - 08:00 AM	61.9	77.5	54.2
08:00 AM - 09:00 AM	58.7	79.9	49.9
09:00 AM - 10:00 AM	56.8	76.9	45.7
10:00 AM - 11:00 AM	57.2	72.7	47.6

Leq Average 24 hrs. (dB(A))

58.2

Lmax (dB(A))

87.1

L90 (dB(A))

48.6

Ldn (dB(A))

62.3

Standard (dB(A))

70

115

Reference Method : ISO1996-1 and 1996-2

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

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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S:\Reports_Air Noise rpt (10:22AM)



Analysis / Test Report



TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok Thailand 10500

P/O : สัตยาจำจ

Project Name : Project AIE Rayong

Project Location :

Lot ID: 22133613

Date Received : Dec 06, 2022

Date Reported : Dec 12, 2022

Report Number: 2517420-1

Sample Number 22133613-14
Parameter Noise (Leq 24 hrs.)
Location N2 (หมู่บ้านน้ำรินวัดลำ) (GPS 47P 0726181,1406270)
Measurement Date Dec 02 - Dec 03, 2022
Measurement by Santi Chaichana
Sound Level meter Serial No. 734218

Page 1 of 1

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	57.3	77.5	46.5
12:00 PM - 01:00 PM	58.0	80.3	47.3
01:00 PM - 02:00 PM	56.0	71.2	45.9
02:00 PM - 03:00 PM	56.1	72.0	44.6
03:00 PM - 04:00 PM	58.7	81.6	49.2
04:00 PM - 05:00 PM	59.5	77.4	49.8
05:00 PM - 06:00 PM	60.6	75.5	53.7
06:00 PM - 07:00 PM	61.8	88.8	50.0
07:00 PM - 08:00 PM	59.2	78.3	48.4
08:00 PM - 09:00 PM	57.9	75.6	45.6
09:00 PM - 10:00 PM	59.5	87.0	43.4
10:00 PM - 11:00 PM	54.4	76.3	42.0
11:00 PM - 12:00 AM	56.2	80.8	42.5
12:00 AM - 01:00 AM	54.0	78.0	42.6
01:00 AM - 02:00 AM	52.3	74.5	42.8
02:00 AM - 03:00 AM	53.1	79.6	41.6
03:00 AM - 04:00 AM	47.1	65.2	41.7
04:00 AM - 05:00 AM	50.4	72.0	42.3
05:00 AM - 06:00 AM	53.5	76.2	43.9
06:00 AM - 07:00 AM	59.6	80.7	49.1
07:00 AM - 08:00 AM	60.8	77.4	52.1
08:00 AM - 09:00 AM	59.4	78.3	48.5
09:00 AM - 10:00 AM	58.6	78.2	47.9
10:00 AM - 11:00 AM	57.4	77.1	47.0

Leq Average 24 hrs. (dB(A))

57.8

Lmax (dB(A))

88.8

L90 (dB(A))

45.9

Ldn (dB(A))

62.0

Standard (dB(A))

70

115

Reference Method : ISO1996-1 and 1996-2

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

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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S:\Reports_Air Noise rpt (10:23AM)



Analysis / Test Report



TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok Thailand 10500

P/O : สฤญญาจ่าง

Project Name : Project AIE Rayong

Project Location :

Lot ID: 22133613

Date Received : Dec 06, 2022

Date Reported : Dec 12, 2022

Report Number: 2517421-1

Page 1 of 1

Sample Number 22133613-15
Parameter Noise (Leq 24 hrs.)
Location N3 (โรงงานอุตสาหกรรม) (GPS 47P 0730757,1407391)
Measurement Date Nov 26 - Nov 27, 2022
Measurement by Santi Chaichana
Sound Level meter Serial No. 472127

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	49.2	77.2	45.3
11:00 AM - 12:00 PM	47.6	64.6	45.2
12:00 PM - 01:00 PM	61.9	75.4	56.8
01:00 PM - 02:00 PM	57.2	73.5	54.5
02:00 PM - 03:00 PM	50.1	72.1	47.1
03:00 PM - 04:00 PM	50.6	71.4	46.5
04:00 PM - 05:00 PM	53.5	73.6	46.9
05:00 PM - 06:00 PM	51.8	75.0	47.1
06:00 PM - 07:00 PM	54.2	70.5	53.0
07:00 PM - 08:00 PM	59.2	72.2	58.5
08:00 PM - 09:00 PM	58.2	71.2	57.3
09:00 PM - 10:00 PM	57.4	68.6	56.7
10:00 PM - 11:00 PM	56.8	69.4	56.5
11:00 PM - 12:00 AM	56.4	61.4	56.1
12:00 AM - 01:00 AM	55.7	69.2	55.4
01:00 AM - 02:00 AM	56.2	60.7	55.5
02:00 AM - 03:00 AM	55.8	63.9	55.4
03:00 AM - 04:00 AM	54.2	58.4	53.4
04:00 AM - 05:00 AM	48.8	62.9	47.3
05:00 AM - 06:00 AM	53.3	80.7	48.0
06:00 AM - 07:00 AM	52.1	76.9	48.1
07:00 AM - 08:00 AM	49.7	71.2	46.6
08:00 AM - 09:00 AM	60.9	74.9	54.0
09:00 AM - 10:00 AM	57.5	75.0	52.6

Leq Average 24 hrs. (dB(A)) 56.1
Lmax (dB(A)) 80.7
L90 (dB(A)) 53.0
Ldn (dB(A)) 61.6
Standard (dB(A)) 70 115

Reference Method : ISO1996-1 and 1996-2

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

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report



TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok Thailand 10500

P/O : สฤญญาจ่าง

Project Name : Project AIE Rayong

Project Location :

Lot ID: 22133613

Date Received : Dec 06, 2022

Date Reported : Dec 12, 2022

Report Number: 2517422-1

Page 1 of 1

Sample Number 22133613-16
Parameter Noise (Leq 24 hrs.)
Location N3 (โรงงานอุตสาหกรรม) (GPS 47P 0730757,1407391)
Measurement Date Nov 27 - Nov 28, 2022
Measurement by Santi Chaichana
Sound Level meter Serial No. 472127

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	56.1	81.8	49.7
11:00 AM - 12:00 PM	53.3	74.7	44.9
12:00 PM - 01:00 PM	50.2	77.7	43.7
01:00 PM - 02:00 PM	50.2	67.8	44.3
02:00 PM - 03:00 PM	50.3	73.7	42.4
03:00 PM - 04:00 PM	49.1	72.8	43.1
04:00 PM - 05:00 PM	48.4	65.6	44.4
05:00 PM - 06:00 PM	50.9	76.3	46.6
06:00 PM - 07:00 PM	52.2	76.0	49.6
07:00 PM - 08:00 PM	53.5	67.1	52.2
08:00 PM - 09:00 PM	55.9	67.1	55.0
09:00 PM - 10:00 PM	55.3	71.5	54.5
10:00 PM - 11:00 PM	54.3	61.5	53.8
11:00 PM - 12:00 AM	54.6	62.3	53.8
12:00 AM - 01:00 AM	52.5	56.3	52.1
01:00 AM - 02:00 AM	44.5	68.6	43.1
02:00 AM - 03:00 AM	53.5	58.5	52.9
03:00 AM - 04:00 AM	55.4	77.1	53.7
04:00 AM - 05:00 AM	52.5	70.2	51.2
05:00 AM - 06:00 AM	52.0	79.6	47.7
06:00 AM - 07:00 AM	53.6	79.0	49.5
07:00 AM - 08:00 AM	56.8	78.1	48.4
08:00 AM - 09:00 AM	61.4	79.7	49.6
09:00 AM - 10:00 AM	50.6	74.6	44.6

Leq Average 24 hrs. (dB(A)) 54.1
Lmax (dB(A)) 81.8
L90 (dB(A)) 49.5
Ldn (dB(A)) 59.9
Standard (dB(A)) 70 115

Reference Method : ISO1996-1 and 1996-2

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

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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S:\Reports_Air Noise rpt (10.23AM)



Analysis / Test Report



TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok Thailand 10500

P/O : สัญญาจ้าง

Project Name : Project AIE Rayong

Project Location :

Lot ID: 22133613

Date Received : Dec 06, 2022

Date Reported : Dec 12, 2022

Report Number: 2517423-1

Sample Number 22133613-17
Parameter Noise (Leq 24 hrs.)
Location N3 (โรงงานอุตสาหกรรม) (GPS 47P 0730757,1407391)
Measurement Date Nov 28 - Nov 29, 2022
Measurement by Santi Chaichana
Sound Level meter Serial No. 472127

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	52.0	67.2	45.6
11:00 AM - 12:00 PM	56.1	74.7	49.4
12:00 PM - 01:00 PM	54.6	73.0	49.9
01:00 PM - 02:00 PM	46.8	62.8	44.2
02:00 PM - 03:00 PM	53.8	72.8	48.9
03:00 PM - 04:00 PM	59.9	80.8	50.4
04:00 PM - 05:00 PM	53.3	68.4	48.2
05:00 PM - 06:00 PM	55.6	84.2	44.4
06:00 PM - 07:00 PM	54.3	75.4	49.1
07:00 PM - 08:00 PM	53.5	60.2	52.6
08:00 PM - 09:00 PM	54.2	76.8	53.0
09:00 PM - 10:00 PM	48.9	69.1	47.8
10:00 PM - 11:00 PM	48.0	70.5	47.1
11:00 PM - 12:00 AM	47.1	54.6	46.0
12:00 AM - 01:00 AM	45.5	58.0	44.4
01:00 AM - 02:00 AM	49.8	58.5	49.3
02:00 AM - 03:00 AM	48.1	61.3	46.5
03:00 AM - 04:00 AM	45.7	56.3	44.2
04:00 AM - 05:00 AM	48.5	67.8	47.1
05:00 AM - 06:00 AM	51.1	74.7	48.4
06:00 AM - 07:00 AM	53.4	75.5	48.7
07:00 AM - 08:00 AM	58.2	74.1	48.0
08:00 AM - 09:00 AM	54.7	71.6	43.2
09:00 AM - 10:00 AM	53.7	76.5	43.7

Leq Average 24 hrs. (dB(A)) 53.6
Lmax (dB(A)) 84.2
L90 (dB(A)) 47.8
Ldn (dB(A)) 57.1
Standard (dB(A)) 70 115

Reference Method : ISO1996-1 and 1996-2

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

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report



TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok Thailand 10500

P/O : สัญญาจ้าง

Project Name : Project AIE Rayong

Project Location :

Lot ID: 22133613

Date Received : Dec 06, 2022

Date Reported : Dec 12, 2022

Report Number: 2517424-1

Sample Number 22133613-18
Parameter Noise (Leq 24 hrs.)
Location N3 (โรงงานอุตสาหกรรม) (GPS 47P 0730757,1407391)
Measurement Date Nov 29 - Nov 30, 2022
Measurement by Santi Chaichana
Sound Level meter Serial No. 472127

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	53.1	74.6	44.4
11:00 AM - 12:00 PM	50.1	73.5	43.0
12:00 PM - 01:00 PM	57.9	77.0	52.7
01:00 PM - 02:00 PM	53.2	72.5	48.4
02:00 PM - 03:00 PM	59.8	79.1	55.1
03:00 PM - 04:00 PM	60.2	85.4	52.7
04:00 PM - 05:00 PM	60.6	76.5	56.3
05:00 PM - 06:00 PM	62.9	74.5	59.3
06:00 PM - 07:00 PM	59.0	86.3	56.9
07:00 PM - 08:00 PM	58.2	63.6	57.8
08:00 PM - 09:00 PM	56.7	69.7	56.0
09:00 PM - 10:00 PM	56.0	75.2	55.3
10:00 PM - 11:00 PM	54.0	63.6	53.5
11:00 PM - 12:00 AM	49.8	63.9	49.2
12:00 AM - 01:00 AM	54.3	60.0	53.2
01:00 AM - 02:00 AM	56.6	60.1	56.2
02:00 AM - 03:00 AM	54.3	59.3	53.4
03:00 AM - 04:00 AM	49.3	59.3	48.5
04:00 AM - 05:00 AM	49.6	69.6	47.9
05:00 AM - 06:00 AM	52.8	71.4	50.2
06:00 AM - 07:00 AM	53.1	79.3	48.2
07:00 AM - 08:00 AM	57.6	77.1	49.8
08:00 AM - 09:00 AM	58.5	80.6	44.3
09:00 AM - 10:00 AM	53.3	76.6	45.3

Leq Average 24 hrs. (dB(A)) 57.0
Lmax (dB(A)) 86.3
L90 (dB(A)) 52.7
Ldn (dB(A)) 60.9
Standard (dB(A)) 70 115

Reference Method : ISO1996-1 and 1996-2

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

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report



TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok Thailand 10500

P/O : สันติชัยกิจ

Project Name : Project AIE Rayong

Project Location :

Lot ID: 22133613

Date Received : Dec 06, 2022

Date Reported : Dec 12, 2022

Report Number: 2517425-1

Sample Number 22133613-19
Parameter Noise (Leq 24 hrs.)
Location N3 (วัดสนามชัย) (GPS 47P 0730757,1407391)
Measurement Date Nov 30 - Dec 01, 2022
Measurement by Santi Chaichana
Sound Level meter Serial No. 472127

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	49.0	71.9	44.2
11:00 AM - 12:00 PM	48.8	65.8	44.1
12:00 PM - 01:00 PM	56.7	75.2	51.4
01:00 PM - 02:00 PM	57.3	75.7	52.8
02:00 PM - 03:00 PM	58.6	78.6	53.2
03:00 PM - 04:00 PM	61.5	80.8	54.5
04:00 PM - 05:00 PM	56.8	73.7	52.8
05:00 PM - 06:00 PM	50.8	75.4	45.1
06:00 PM - 07:00 PM	54.8	69.3	53.0
07:00 PM - 08:00 PM	53.5	66.1	52.7
08:00 PM - 09:00 PM	51.0	66.3	49.3
09:00 PM - 10:00 PM	52.4	63.8	51.8
10:00 PM - 11:00 PM	49.1	61.1	48.1
11:00 PM - 12:00 AM	46.4	59.5	45.1
12:00 AM - 01:00 AM	47.4	59.0	46.3
01:00 AM - 02:00 AM	53.0	58.0	52.2
02:00 AM - 03:00 AM	55.5	57.8	54.9
03:00 AM - 04:00 AM	52.8	64.7	51.9
04:00 AM - 05:00 AM	54.5	56.9	54.0
05:00 AM - 06:00 AM	51.1	62.2	50.2
06:00 AM - 07:00 AM	51.2	73.7	47.4
07:00 AM - 08:00 AM	55.3	75.4	47.6
08:00 AM - 09:00 AM	57.5	80.4	45.5
09:00 AM - 10:00 AM	50.1	75.7	43.7

Leq Average 24 hrs. (dB(A))

54.8

Lmax (dB(A))

80.8

L90 (dB(A))

50.2

Ldn (dB(A))

59.3

Standard (dB(A))

70

115

Reference Method : ISO1996-1 and 1996-2

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

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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S:\Reports\Air Noise rpt (10:24AM)

1337-32/ EMAIL



Analysis / Test Report



TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok Thailand 10500

P/O : สันติชัยกิจ

Project Name : Project AIE Rayong

Project Location :

Lot ID: 22133613

Date Received : Dec 06, 2022

Date Reported : Dec 12, 2022

Report Number: 2517426-1

Sample Number 22133613-20
Parameter Noise (Leq 24 hrs.)
Location N3 (วัดสนามชัย) (GPS 47P 0730757,1407391)
Measurement Date Dec 01 - Dec 02, 2022
Measurement by Santi Chaichana
Sound Level meter Serial No. 472127

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	47.0	71.0	43.0
11:00 AM - 12:00 PM	46.8	63.6	44.0
12:00 PM - 01:00 PM	57.0	71.4	51.9
01:00 PM - 02:00 PM	58.2	82.6	53.4
02:00 PM - 03:00 PM	63.4	79.3	53.9
03:00 PM - 04:00 PM	63.4	80.3	54.8
04:00 PM - 05:00 PM	55.7	72.1	51.1
05:00 PM - 06:00 PM	52.1	66.7	46.2
06:00 PM - 07:00 PM	55.6	67.7	51.4
07:00 PM - 08:00 PM	52.7	70.4	50.3
08:00 PM - 09:00 PM	48.7	64.5	47.2
09:00 PM - 10:00 PM	47.4	62.4	45.9
10:00 PM - 11:00 PM	48.3	64.3	47.0
11:00 PM - 12:00 AM	48.3	57.1	47.2
12:00 AM - 01:00 AM	46.6	58.5	45.6
01:00 AM - 02:00 AM	44.4	55.6	43.2
02:00 AM - 03:00 AM	55.4	80.0	40.9
03:00 AM - 04:00 AM	45.3	53.8	44.0
04:00 AM - 05:00 AM	46.9	54.5	45.5
05:00 AM - 06:00 AM	51.8	79.2	44.8
06:00 AM - 07:00 AM	53.1	79.7	47.7
07:00 AM - 08:00 AM	55.9	73.6	48.8
08:00 AM - 09:00 AM	56.7	72.7	48.3
09:00 AM - 10:00 AM	51.8	73.3	46.0

Leq Average 24 hrs. (dB(A))

55.7

Lmax (dB(A))

82.6

L90 (dB(A))

47.0

Ldn (dB(A))

58.7

Standard (dB(A))

70

115

Reference Method : ISO1996-1 and 1996-2

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

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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S:\Reports\Air Noise rpt (10:24AM)



Analysis / Test Report



TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok Thailand 10500

P/O : สัญญาจ้าง

Project Name : Project AIE Rayong

Project Location :

Lot ID: 22133613

Date Received : Dec 06, 2022

Date Reported : Dec 12, 2022

Report Number: 2517427-1

Sample Number 22133613-21
Parameter Noise (Leq 24 hrs.)
Location N3 (วัดบางพลีใหญ่) (GPS 47P 0730757,1407391)
Measurement Date Dec 02 - Dec 03, 2022
Measurement by Santi Chaichana
Sound Level meter Serial No. 472127

Page 1 of 1

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	51.8	75.0	47.5
11:00 AM - 12:00 PM	50.5	71.7	45.6
12:00 PM - 01:00 PM	56.9	70.7	52.2
01:00 PM - 02:00 PM	48.1	66.0	44.0
02:00 PM - 03:00 PM	61.2	80.2	51.5
03:00 PM - 04:00 PM	64.2	81.4	55.1
04:00 PM - 05:00 PM	55.4	72.7	50.1
05:00 PM - 06:00 PM	51.8	74.7	46.6
06:00 PM - 07:00 PM	51.2	74.4	47.3
07:00 PM - 08:00 PM	50.3	65.0	47.3
08:00 PM - 09:00 PM	48.8	68.7	45.9
09:00 PM - 10:00 PM	44.5	58.4	42.9
10:00 PM - 11:00 PM	44.3	71.6	41.8
11:00 PM - 12:00 AM	42.6	59.6	41.0
12:00 AM - 01:00 AM	43.0	63.1	41.5
01:00 AM - 02:00 AM	54.9	81.2	42.1
02:00 AM - 03:00 AM	42.3	65.6	41.1
03:00 AM - 04:00 AM	47.6	83.3	41.8
04:00 AM - 05:00 AM	42.9	60.0	41.1
05:00 AM - 06:00 AM	49.4	73.1	43.5
06:00 AM - 07:00 AM	50.0	72.7	46.2
07:00 AM - 08:00 AM	48.4	65.8	45.9
08:00 AM - 09:00 AM	51.0	69.8	49.3
09:00 AM - 10:00 AM	56.1	94.8	49.5

Leq Average 24 hrs. (dB(A)) 54.6
Lmax (dB(A)) 94.8
L90 (dB(A)) 45.9
Ldn (dB(A)) 57.3
Standard (dB(A)) 70 115

Reference Method : ISO1996-1 and 1996-2

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

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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S:\Reports_Air Noise rpt (10.27AM)



Analysis / Test Report



TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok Thailand 10500

P/O : สัญญาจ้าง

Project Name : Project AIE Rayong

Project Location :

Lot ID: 22133613

Date Received : Dec 06, 2022

Date Reported : Dec 12, 2022

Report Number: 2517428-1

Sample Number 22133613-22
Parameter Noise (Leq 24 hrs.)
Location N4 (ทางด่วนพิเศษคลองโคกกรกร) (GPS 47P 0727280,1406871)
Measurement Date Nov 26 - Nov 27, 2022
Measurement by Santi Chaichana
Sound Level meter Serial No. 873057

Page 1 of 1

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	53.1	82.9	42.7
11:00 AM - 12:00 PM	52.8	77.6	42.6
12:00 PM - 01:00 PM	52.9	74.3	45.7
01:00 PM - 02:00 PM	52.6	70.3	49.2
02:00 PM - 03:00 PM	46.9	63.9	45.1
03:00 PM - 04:00 PM	46.7	65.4	44.6
04:00 PM - 05:00 PM	47.6	66.7	44.1
05:00 PM - 06:00 PM	51.0	72.1	44.7
06:00 PM - 07:00 PM	49.4	68.0	46.6
07:00 PM - 08:00 PM	51.4	69.0	47.9
08:00 PM - 09:00 PM	49.4	68.5	46.6
09:00 PM - 10:00 PM	47.4	71.2	45.1
10:00 PM - 11:00 PM	46.8	69.3	45.3
11:00 PM - 12:00 AM	46.8	63.3	44.6
12:00 AM - 01:00 AM	45.5	60.6	43.6
01:00 AM - 02:00 AM	44.1	60.5	42.5
02:00 AM - 03:00 AM	45.3	55.2	44.4
03:00 AM - 04:00 AM	45.7	56.0	44.9
04:00 AM - 05:00 AM	51.4	75.4	44.0
05:00 AM - 06:00 AM	44.9	65.1	43.7
06:00 AM - 07:00 AM	50.2	75.9	45.5
07:00 AM - 08:00 AM	51.4	68.8	45.8
08:00 AM - 09:00 AM	55.3	88.7	41.7
09:00 AM - 10:00 AM	45.2	68.3	42.7

Leq Average 24 hrs. (dB(A)) 50.1
Lmax (dB(A)) 88.7
L90 (dB(A)) 44.6
Ldn (dB(A)) 54.6
Standard (dB(A)) 70 115

Reference Method : ISO1996-1 and 1996-2

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

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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S:\Reports_Air Noise rpt (10.28AM)



Analysis / Test Report



TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok Thailand 10500

P/O : ศัญญาจ่าง

Project Name : Project AIE Rayong

Project Location :

Lot ID: 22133613

Date Received : Dec 06, 2022

Date Reported : Dec 12, 2022

Report Number: 2517429-1

Sample Number 22133613-23
Parameter Noise (Leq 24 hrs.)
Location N4 (ทางด้านทิศเหนือของโครงการ) (GPS 47P 0727280,1406871)
Measurement Date Nov 27 - Nov 28, 2022
Measurement by Santi Chaichana
Sound Level meter Serial No. 873057

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	46.2	69.1	43.1
11:00 AM - 12:00 PM	46.8	69.2	41.5
12:00 PM - 01:00 PM	46.7	75.4	40.7
01:00 PM - 02:00 PM	45.3	66.6	39.8
02:00 PM - 03:00 PM	41.8	63.6	38.0
03:00 PM - 04:00 PM	44.3	67.7	40.1
04:00 PM - 05:00 PM	45.9	67.8	39.9
05:00 PM - 06:00 PM	46.8	69.0	41.2
06:00 PM - 07:00 PM	50.7	71.4	46.1
07:00 PM - 08:00 PM	49.9	73.1	47.4
08:00 PM - 09:00 PM	50.9	72.6	47.6
09:00 PM - 10:00 PM	48.8	60.1	47.7
10:00 PM - 11:00 PM	48.6	65.1	47.7
11:00 PM - 12:00 AM	45.5	67.7	44.1
12:00 AM - 01:00 AM	45.9	59.0	44.7
01:00 AM - 02:00 AM	46.2	62.4	44.5
02:00 AM - 03:00 AM	44.5	50.8	43.8
03:00 AM - 04:00 AM	44.7	49.0	44.0
04:00 AM - 05:00 AM	50.8	81.2	43.8
05:00 AM - 06:00 AM	43.5	58.9	42.3
06:00 AM - 07:00 AM	50.8	72.7	45.9
07:00 AM - 08:00 AM	55.3	79.9	49.3
08:00 AM - 09:00 AM	56.9	87.4	42.8
09:00 AM - 10:00 AM	44.0	64.8	39.5

Leq Average 24 hrs. (dB(A))

49.4

Lmax (dB(A))

87.4

L90 (dB(A))

43.8

Ldn (dB(A))

54.4

Standard (dB(A))

70

115

Reference Method : ISO1996-1 and 1996-2

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

Thanita K.

Thanita Kulsriwong
Scientist (4)

Approved by

Supt S.

Supt Salamteh
Section Head

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S:\Reports_Air Noise rpt (10.28AM)

1337-32/ EMAIL



Analysis / Test Report



TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok Thailand 10500

P/O : ศัญญาจ่าง

Project Name : Project AIE Rayong

Project Location :

Lot ID: 22133613

Date Received : Dec 06, 2022

Date Reported : Dec 12, 2022

Report Number: 2517430-1

Sample Number 22133613-24
Parameter Noise (Leq 24 hrs.)
Location N4 (ทางด้านทิศเหนือของโครงการ) (GPS 47P 0727280,1406871)
Measurement Date Nov 28 - Nov 29, 2022
Measurement by Santi Chaichana
Sound Level meter Serial No. 873057

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	45.3	71.6	40.7
11:00 AM - 12:00 PM	47.0	72.0	40.7
12:00 PM - 01:00 PM	47.8	69.1	41.0
01:00 PM - 02:00 PM	52.2	81.2	42.6
02:00 PM - 03:00 PM	44.2	65.6	41.7
03:00 PM - 04:00 PM	44.5	66.6	39.1
04:00 PM - 05:00 PM	43.9	64.6	39.5
05:00 PM - 06:00 PM	54.5	78.9	41.8
06:00 PM - 07:00 PM	51.3	77.1	45.7
07:00 PM - 08:00 PM	51.3	73.5	47.0
08:00 PM - 09:00 PM	53.4	71.7	50.1
09:00 PM - 10:00 PM	50.3	72.7	47.2
10:00 PM - 11:00 PM	47.2	60.4	45.4
11:00 PM - 12:00 AM	46.3	62.8	44.8
12:00 AM - 01:00 AM	47.4	66.0	46.0
01:00 AM - 02:00 AM	46.5	64.5	45.0
02:00 AM - 03:00 AM	47.7	76.9	45.9
03:00 AM - 04:00 AM	44.8	60.4	43.7
04:00 AM - 05:00 AM	43.8	61.3	41.3
05:00 AM - 06:00 AM	47.2	72.5	42.8
06:00 AM - 07:00 AM	51.5	69.1	45.9
07:00 AM - 08:00 AM	56.6	82.9	47.1
08:00 AM - 09:00 AM	55.7	80.4	40.1
09:00 AM - 10:00 AM	43.9	65.7	39.1

Leq Average 24 hrs. (dB(A))

50.4

Lmax (dB(A))

82.9

L90 (dB(A))

42.8

Ldn (dB(A))

54.7

Standard (dB(A))

70

115

Reference Method : ISO1996-1 and 1996-2

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

Thanita K.

Thanita Kulsriwong
Scientist (4)

Approved by

Supt S.

Supt Salamteh
Section Head

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LIFE SCIENCES

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1337-32/ EMAIL

S:\Reports_Air Noise rpt (10.28AM)



Analysis / Test Report



TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok Thailand 10500

P/O : สัญญาจ้าง

Project Name : Project AIE Rayong

Project Location :

Lot ID: 22133613

Date Received : Dec 06, 2022

Date Reported : Dec 12, 2022

Report Number: 2517431-1

Page 1 of 1

Sample Number	22133613-25
Parameter	Noise (Leq 24 hrs.)
Location	N4 (ทางด่านที่สี่เหนือของโครงการ) (GPS 47P 0727280,1406871)
Measurement Date	Nov 29 - Nov 30, 2022
Measurement by	Santi Chaichana
Sound Level meter	Serial No. 873057

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	48.4	81.8	40.4
11:00 AM - 12:00 PM	46.6	68.8	40.6
12:00 PM - 01:00 PM	48.6	72.5	40.8
01:00 PM - 02:00 PM	48.6	69.7	40.3
02:00 PM - 03:00 PM	46.7	80.7	39.7
03:00 PM - 04:00 PM	49.7	84.2	38.9
04:00 PM - 05:00 PM	47.4	71.6	38.1
05:00 PM - 06:00 PM	55.9	77.6	50.5
06:00 PM - 07:00 PM	51.4	69.7	47.8
07:00 PM - 08:00 PM	52.0	70.0	49.0
08:00 PM - 09:00 PM	52.0	75.4	47.9
09:00 PM - 10:00 PM	50.5	68.5	47.5
10:00 PM - 11:00 PM	50.1	69.7	48.5
11:00 PM - 12:00 AM	49.4	73.9	46.2
12:00 AM - 01:00 AM	51.1	62.9	49.2
01:00 AM - 02:00 AM	46.8	62.0	45.0
02:00 AM - 03:00 AM	46.5	77.9	42.4
03:00 AM - 04:00 AM	47.6	56.7	45.3
04:00 AM - 05:00 AM	47.3	54.1	46.2
05:00 AM - 06:00 AM	45.9	63.6	44.3
06:00 AM - 07:00 AM	51.3	76.2	46.9
07:00 AM - 08:00 AM	56.3	83.3	47.8
08:00 AM - 09:00 AM	55.2	81.5	40.0
09:00 AM - 10:00 AM	43.4	64.9	35.7

Leq Average 24 hrs. (dB(A))

50.8

Lmax (dB(A))

84.2

L90 (dB(A))

45.0

Ldn (dB(A))

55.8

Standard (dB(A))

70

115

Reference Method : ISO1996-1 and 1996-2

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

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

Technical Management

Thanita K.

Thanita Kulsunwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Life Sciences

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S:\Reports_Air Noise rpt (10 30AM)



Analysis / Test Report



TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok Thailand 10500

P/O : สัญญาจ้าง

Project Name : Project AIE Rayong

Project Location :

Lot ID: 22133613

Date Received : Dec 06, 2022

Date Reported : Dec 12, 2022

Report Number: 2517432-1

Page 1 of 1

Sample Number	22133613-26
Parameter	Noise (Leq 24 hrs.)
Location	N4 (ทางด่านที่สี่เหนือของโครงการ) (GPS 47P 0727280,1406871)
Measurement Date	Nov 30 - Dec 01, 2022
Measurement by	Santi Chaichana
Sound Level meter	Serial No. 873057

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	48.6	74.5	37.7
11:00 AM - 12:00 PM	45.6	68.1	37.0
12:00 PM - 01:00 PM	47.9	72.0	39.7
01:00 PM - 02:00 PM	47.9	68.5	40.7
02:00 PM - 03:00 PM	43.3	65.4	41.0
03:00 PM - 04:00 PM	45.5	65.6	40.7
04:00 PM - 05:00 PM	47.9	69.4	40.6
05:00 PM - 06:00 PM	52.3	75.3	42.1
06:00 PM - 07:00 PM	52.5	71.4	46.4
07:00 PM - 08:00 PM	53.2	67.1	47.1
08:00 PM - 09:00 PM	56.5	74.3	54.1
09:00 PM - 10:00 PM	55.4	68.8	43.5
10:00 PM - 11:00 PM	45.5	66.9	42.9
11:00 PM - 12:00 AM	46.2	64.9	43.2
12:00 AM - 01:00 AM	46.4	67.9	41.6
01:00 AM - 02:00 AM	42.8	60.6	39.8
02:00 AM - 03:00 AM	41.5	66.0	38.0
03:00 AM - 04:00 AM	43.2	64.1	39.0
04:00 AM - 05:00 AM	43.4	60.1	40.4
05:00 AM - 06:00 AM	42.7	57.7	41.4
06:00 AM - 07:00 AM	49.5	69.6	44.3
07:00 AM - 08:00 AM	54.9	82.2	44.0
08:00 AM - 09:00 AM	52.9	76.0	41.0
09:00 AM - 10:00 AM	43.8	65.7	37.1

Leq Average 24 hrs. (dB(A))

50.2

Lmax (dB(A))

82.2

L90 (dB(A))

41.0

Ldn (dB(A))

53.4

Standard (dB(A))

70

115

Reference Method : ISO1996-1 and 1996-2

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

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

Technical Management

Thanita K.

Thanita Kulsunwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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S:\Reports_Air Noise rpt (10 30AM)



Analysis / Test Report



TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok Thailand 10500

P/O : สันติญาจาง

Project Name : Project AIE Rayong

Project Location :

Lot ID: 22133613

Date Received : Dec 06, 2022

Date Reported : Dec 12, 2022

Report Number: 2517433-1

Page 1 of 1

Sample Number 22133613-27
Parameter Noise (Leq 24 hrs.)
Location N4 (ทางด้านทิศเหนือของโครงการ) (GPS 47P 0727280,1406871)
Measurement Date Dec 01 - Dec 02, 2022
Measurement by Santi Chaichana
Sound Level meter Serial No. 873057

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	43.5	72.0	37.9
11:00 AM - 12:00 PM	44.9	64.6	38.4
12:00 PM - 01:00 PM	47.4	68.7	39.1
01:00 PM - 02:00 PM	45.8	69.7	36.8
02:00 PM - 03:00 PM	46.7	67.5	42.1
03:00 PM - 04:00 PM	45.6	72.4	40.3
04:00 PM - 05:00 PM	46.2	67.6	39.7
05:00 PM - 06:00 PM	52.5	74.3	41.3
06:00 PM - 07:00 PM	51.5	71.1	46.9
07:00 PM - 08:00 PM	52.3	74.1	48.6
08:00 PM - 09:00 PM	51.8	74.4	47.5
09:00 PM - 10:00 PM	49.3	62.0	47.4
10:00 PM - 11:00 PM	48.1	60.1	46.7
11:00 PM - 12:00 AM	48.9	73.2	45.7
12:00 AM - 01:00 AM	47.5	67.7	45.2
01:00 AM - 02:00 AM	47.1	68.9	44.2
02:00 AM - 03:00 AM	46.5	60.0	44.6
03:00 AM - 04:00 AM	46.8	62.6	43.9
04:00 AM - 05:00 AM	46.7	61.6	42.9
05:00 AM - 06:00 AM	47.5	67.8	43.3
06:00 AM - 07:00 AM	52.6	80.1	45.3
07:00 AM - 08:00 AM	53.7	71.2	47.3
08:00 AM - 09:00 AM	52.5	72.9	44.2
09:00 AM - 10:00 AM	44.7	64.5	40.7

Leq Average 24 hrs. (dB(A)) 49.3
Lmax (dB(A)) 80.1
L90 (dB(A)) 43.9
Ldn (dB(A)) 55.1
Standard (dB(A)) 70 115

Reference Method : ISO1996-1 and 1996-2

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

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report



TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok Thailand 10500

P/O : สันติญาจาง

Project Name : Project AIE Rayong

Project Location :

Lot ID: 22133613

Date Received : Dec 06, 2022

Date Reported : Dec 12, 2022

Report Number: 2517434-1

Page 1 of 1

Sample Number 22133613-28
Parameter Noise (Leq 24 hrs.)
Location N4 (ทางด้านทิศเหนือของโครงการ) (GPS 47P 0727280,1406871)
Measurement Date Dec 02 - Dec 03, 2022
Measurement by Santi Chaichana
Sound Level meter Serial No. 873057

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	43.6	66.6	38.7
11:00 AM - 12:00 PM	45.5	66.1	38.6
12:00 PM - 01:00 PM	46.3	67.0	38.5
01:00 PM - 02:00 PM	46.5	68.6	38.2
02:00 PM - 03:00 PM	42.1	63.4	37.8
03:00 PM - 04:00 PM	50.7	80.6	40.5
04:00 PM - 05:00 PM	44.9	67.5	40.0
05:00 PM - 06:00 PM	51.0	69.8	41.1
06:00 PM - 07:00 PM	50.4	67.5	46.3
07:00 PM - 08:00 PM	52.6	72.9	48.3
08:00 PM - 09:00 PM	49.7	68.1	45.8
09:00 PM - 10:00 PM	46.0	64.6	43.0
10:00 PM - 11:00 PM	45.7	60.6	43.0
11:00 PM - 12:00 AM	48.1	70.2	44.3
12:00 AM - 01:00 AM	51.7	78.7	45.0
01:00 AM - 02:00 AM	47.8	72.3	44.9
02:00 AM - 03:00 AM	50.6	70.4	44.9
03:00 AM - 04:00 AM	51.7	65.7	43.5
04:00 AM - 05:00 AM	45.2	55.5	42.7
05:00 AM - 06:00 AM	49.3	71.9	43.3
06:00 AM - 07:00 AM	52.9	81.4	43.7
07:00 AM - 08:00 AM	56.4	83.8	45.9
08:00 AM - 09:00 AM	59.5	91.1	44.1
09:00 AM - 10:00 AM	45.4	69.4	42.6

Leq Average 24 hrs. (dB(A)) 51.1
Lmax (dB(A)) 91.1
L90 (dB(A)) 43.0
Ldn (dB(A)) 56.6
Standard (dB(A)) 70 115

Reference Method : ISO1996-1 and 1996-2

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

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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S:\Reports_Air Noise rpt (10 31AM)



Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : 899979
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22133616
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report Number : 2512769-1

Nov 26, 2022			Nov 26, 2022			Nov 26, 2022		
Time	Leq dB(A)	L90 dB(A)	Time	Leq dB(A)	L90 dB(A)	Time	Leq dB(A)	L90 dB(A)
11:00 AM - 11:05 AM	51.8	41.1	01:40 PM - 01:45 PM	54.1	46.9	04:20 PM - 04:25 PM	56.7	49.4
11:05 AM - 11:10 AM	50.9	42.1	01:45 PM - 01:50 PM	56.3	45.6	04:25 PM - 04:30 PM	58.0	51.2
11:10 AM - 11:15 AM	55.8	41.0	01:50 PM - 01:55 PM	52.6	44.6	04:30 PM - 04:35 PM	56.3	49.1
11:15 AM - 11:20 AM	53.2	41.4	01:55 PM - 02:00 PM	52.0	44.4	04:35 PM - 04:40 PM	54.9	48.2
11:20 AM - 11:25 AM	50.9	44.7	02:00 PM - 02:05 PM	50.1	43.8	04:40 PM - 04:45 PM	53.0	47.3
11:25 AM - 11:30 AM	51.4	43.7	02:05 PM - 02:10 PM	51.2	44.9	04:45 PM - 04:50 PM	53.9	48.2
11:30 AM - 11:35 AM	53.7	45.6	02:10 PM - 02:15 PM	51.2	44.3	04:50 PM - 04:55 PM	56.1	49.1
11:35 AM - 11:40 AM	51.9	44.6	02:15 PM - 02:20 PM	52.0	45.0	04:55 PM - 05:00 PM	58.2	52.2
11:40 AM - 11:45 AM	53.3	45.6	02:20 PM - 02:25 PM	55.4	47.2	05:00 PM - 05:05 PM	56.5	51.6
11:45 AM - 11:50 AM	53.1	44.7	02:25 PM - 02:30 PM	61.8	45.4	05:05 PM - 05:10 PM	58.7	52.6
11:50 AM - 11:55 AM	51.9	45.0	02:30 PM - 02:35 PM	54.1	44.1	05:10 PM - 05:15 PM	64.7	64.8
11:55 AM - 12:00 PM	53.1	45.2	02:35 PM - 02:40 PM	53.4	44.3	05:15 PM - 05:20 PM	66.3	65.1
12:00 PM - 12:05 PM	52.9	45.9	02:40 PM - 02:45 PM	55.1	44.6	05:20 PM - 05:25 PM	62.0	59.6
12:05 PM - 12:10 PM	52.6	45.1	02:45 PM - 02:50 PM	59.8	44.8	05:25 PM - 05:30 PM	59.2	57.0
12:10 PM - 12:15 PM	52.3	42.6	02:50 PM - 02:55 PM	57.3	45.9	05:30 PM - 05:35 PM	58.3	55.3
12:15 PM - 12:20 PM	55.5	47.2	02:55 PM - 03:00 PM	53.5	44.2	05:35 PM - 05:40 PM	57.1	53.4
12:20 PM - 12:25 PM	53.6	44.0	03:00 PM - 03:05 PM	55.2	44.1	05:40 PM - 05:45 PM	55.6	50.8
12:25 PM - 12:30 PM	53.3	44.0	03:05 PM - 03:10 PM	53.4	46.5	05:45 PM - 05:50 PM	55.8	51.6
12:30 PM - 12:35 PM	53.6	45.2	03:10 PM - 03:15 PM	53.6	45.4	05:50 PM - 05:55 PM	62.1	50.8
12:35 PM - 12:40 PM	55.7	44.3	03:15 PM - 03:20 PM	51.9	45.9	05:55 PM - 06:00 PM	55.3	51.6
12:40 PM - 12:45 PM	51.9	43.3	03:20 PM - 03:25 PM	52.2	47.2	06:00 PM - 06:05 PM	56.3	52.6
12:45 PM - 12:50 PM	54.3	46.3	03:25 PM - 03:30 PM	51.4	44.6	06:05 PM - 06:10 PM	56.2	51.6
12:50 PM - 12:55 PM	53.9	44.5	03:30 PM - 03:35 PM	53.7	46.9	06:10 PM - 06:15 PM	58.1	52.4
12:55 PM - 01:00 PM	52.1	44.8	03:35 PM - 03:40 PM	53.9	45.9	06:15 PM - 06:20 PM	57.4	52.3
01:00 PM - 01:05 PM	52.4	44.0	03:40 PM - 03:45 PM	54.2	46.3	06:20 PM - 06:25 PM	56.6	49.1
01:05 PM - 01:10 PM	52.0	44.5	03:45 PM - 03:50 PM	53.4	47.4	06:25 PM - 06:30 PM	56.7	50.3
01:10 PM - 01:15 PM	53.8	43.9	03:50 PM - 03:55 PM	51.9	44.4	06:30 PM - 06:35 PM	56.7	50.3
01:15 PM - 01:20 PM	51.4	44.4	03:55 PM - 04:00 PM	53.3	46.8	06:35 PM - 06:40 PM	54.5	49.8
01:20 PM - 01:25 PM	51.5	42.7	04:00 PM - 04:05 PM	52.8	46.2	06:40 PM - 06:45 PM	54.9	49.8
01:25 PM - 01:30 PM	50.2	42.8	04:05 PM - 04:10 PM	54.0	48.0	06:45 PM - 06:50 PM	55.0	50.4
01:30 PM - 01:35 PM	51.6	42.7	04:10 PM - 04:15 PM	54.3	47.9	06:50 PM - 06:55 PM	55.9	48.9
01:35 PM - 01:40 PM	50.8	45.3	04:15 PM - 04:20 PM	56.0	49.0	06:55 PM - 07:00 PM	55.5	49.5



Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : 899979
Project Name : Project AIE Rayong
Project Location :

Nov 26, 2022			Nov 26 - Nov 27, 2022			Nov 27, 2022		
Time	Leq dB(A)	L90 dB(A)	Time	Leq dB(A)	L90 dB(A)	Time	Leq dB(A)	L90 dB(A)
07:00 PM - 07:05 PM	56.5	49.7	09:40 PM - 09:45 PM	52.1	45.0	12:20 AM - 12:25 AM	48.8	43.7
07:05 PM - 07:10 PM	56.1	49.1	09:45 PM - 09:50 PM	55.9	47.5	12:25 AM - 12:30 AM	46.1	44.4
07:10 PM - 07:15 PM	54.4	50.3	09:50 PM - 09:55 PM	51.5	46.9	12:30 AM - 12:35 AM	46.7	44.1
07:15 PM - 07:20 PM	54.7	49.4	09:55 PM - 10:00 PM	51.8	49.7	12:35 AM - 12:40 AM	48.5	44.1
07:20 PM - 07:25 PM	56.4	49.7	10:00 PM - 10:05 PM	53.4	49.0	12:40 AM - 12:45 AM	50.0	45.0
07:25 PM - 07:30 PM	54.7	49.6	10:05 PM - 10:10 PM	51.7	47.5	12:45 AM - 12:50 AM	48.4	44.4
07:30 PM - 07:35 PM	53.6	49.8	10:10 PM - 10:15 PM	51.0	45.7	12:50 AM - 12:55 AM	46.6	43.6
07:35 PM - 07:40 PM	60.4	47.5	10:15 PM - 10:20 PM	52.6	46.1	12:55 AM - 01:00 AM	47.9	44.3
07:40 PM - 07:45 PM	54.2	49.1	10:20 PM - 10:25 PM	50.2	45.1	01:00 AM - 01:05 AM	49.3	44.5
07:45 PM - 07:50 PM	55.4	49.2	10:25 PM - 10:30 PM	51.6	45.6	01:05 AM - 01:10 AM	48.0	44.0
07:50 PM - 07:55 PM	54.7	48.4	10:30 PM - 10:35 PM	49.6	44.8	01:10 AM - 01:15 AM	46.9	44.5
07:55 PM - 08:00 PM	54.0	49.1	10:35 PM - 10:40 PM	48.8	44.9	01:15 AM - 01:20 AM	48.2	44.6
08:00 PM - 08:05 PM	53.9	49.0	10:40 PM - 10:45 PM	51.8	45.2	01:20 AM - 01:25 AM	49.3	45.1
08:05 PM - 08:10 PM	55.9	48.3	10:45 PM - 10:50 PM	51.0	44.9	01:25 AM - 01:30 AM	47.2	44.1
08:10 PM - 08:15 PM	54.5	48.8	10:50 PM - 10:55 PM	51.6	45.5	01:30 AM - 01:35 AM	46.7	44.6
08:15 PM - 08:20 PM	54.3	49.1	10:55 PM - 11:00 PM	50.0	45.0	01:35 AM - 01:40 AM	46.3	43.3
08:20 PM - 08:25 PM	54.4	48.7	11:00 PM - 11:05 PM	50.1	45.5	01:40 AM - 01:45 AM	48.0	43.9
08:25 PM - 08:30 PM	54.2	47.4	11:05 PM - 11:10 PM	48.2	44.9	01:45 AM - 01:50 AM	46.3	43.7
08:30 PM - 08:35 PM	55.2	47.9	11:10 PM - 11:15 PM	48.7	45.1	01:50 AM - 01:55 AM	48.9	43.8
08:35 PM - 08:40 PM	53.0	47.3	11:15 PM - 11:20 PM	47.6	44.9	01:55 AM - 02:00 AM	48.8	42.5
08:40 PM - 08:45 PM	51.3	46.8	11:20 PM - 11:25 PM	46.0	43.8	02:00 AM - 02:05 AM	47.8	41.4
08:45 PM - 08:50 PM	51.7	46.7	11:25 PM - 11:30 PM	51.9	45.5	02:05 AM - 02:10 AM	46.0	40.2
08:50 PM - 08:55 PM	54.1	47.9	11:30 PM - 11:35 PM	52.9	44.9	02:10 AM - 02:15 AM	56.2	39.5
08:55 PM - 09:00 PM	53.9	47.4	11:35 PM - 11:40 PM	47.8	44.5	02:15 AM - 02:20 AM	46.3	41.9
09:00 PM - 09:05 PM	52.3	46.3	11:40 PM - 11:45 PM	53.2	45.6	02:20 AM - 02:25 AM	46.4	40.5
09:05 PM - 09:10 PM	52.7	46.6	11:45 PM - 11:50 PM	50.2	45.0	02:25 AM - 02:30 AM	42.3	40.4
09:10 PM - 09:15 PM	53.0	45.7	11:50 PM - 11:55 PM	46.4	43.6	02:30 AM - 02:35 AM	43.9	39.7
09:15 PM - 09:20 PM	54.9	46.0	11:55 PM - 12:00 AM	48.0	44.4	02:35 AM - 02:40 AM	42.4	39.8
09:20 PM - 09:25 PM	49.5	44.3	12:00 AM - 12:05 AM	48.7	43.3	02:40 AM - 02:45 AM	45.0	40.1
09:25 PM - 09:30 PM	52.0	45.7	12:05 AM - 12:10 AM	47.3	44.0	02:45 AM - 02:50 AM	42.4	40.0
09:30 PM - 09:35 PM	49.7	44.8	12:10 AM - 12:15 AM	47.5	44.1	02:50 AM - 02:55 AM	44.0	40.4
09:35 PM - 09:40 PM	51.6	44.6	12:15 AM - 12:20 AM	48.5	44.0	02:55 AM - 03:00 AM	46.0	40.4



Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : 899979
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22133616
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report Number : 2512769-1

Page 3 of 3

Sample Number	2213J616-1							
Parameter	Noise Level (Leq 5 min)							
Location	N1 (Sellaibonlaya) (GPS 47° 0726474,1407389)							
Measurement Date	Nov 26 / Nov 27, 2022							
Measurement by	Santi Chaichana							
Sound Level meter	Serial No. 00572561							
	Nov 27, 2022		Nov 27, 2022		Nov 27, 2022		Nov 27, 2022	
	Time	Leq dB(A)	Time	Leq dB(A)	Time	Leq dB(A)	Time	Leq dB(A)
03:00 AM - 03:05 AM	43.9	40.9	05:40 AM - 05:45 AM	55.5	46.7	08:20 AM - 08:25 AM	56.0	47.8
03:05 AM - 03:10 AM	45.9	41.7	05:45 AM - 05:50 AM	54.5	48.0	08:25 AM - 08:30 AM	54.2	45.9
03:10 AM - 03:15 AM	47.4	41.0	05:50 AM - 05:55 AM	58.0	50.3	08:30 AM - 08:35 AM	54.3	45.6
03:15 AM - 03:20 AM	42.7	40.0	05:55 AM - 06:00 AM	53.6	48.4	08:35 AM - 08:40 AM	52.1	44.1
03:20 AM - 03:25 AM	44.0	40.1	06:00 AM - 06:05 AM	56.2	49.2	08:40 AM - 08:45 AM	54.6	45.2
03:25 AM - 03:30 AM	44.5	40.6	06:05 AM - 06:10 AM	54.7	50.3	08:45 AM - 08:50 AM	55.5	44.9
03:30 AM - 03:35 AM	50.7	41.8	06:10 AM - 06:15 AM	55.2	50.2	08:50 AM - 08:55 AM	53.7	44.8
03:35 AM - 03:40 AM	43.2	41.2	06:15 AM - 06:20 AM	56.7	51.6	08:55 AM - 09:00 AM	55.9	45.0
03:40 AM - 03:45 AM	43.7	40.9	06:20 AM - 06:25 AM	56.3	50.5	09:00 AM - 09:05 AM	53.0	42.7
03:45 AM - 03:50 AM	45.1	41.2	06:25 AM - 06:30 AM	55.7	51.6	09:05 AM - 09:10 AM	53.7	43.6
03:50 AM - 03:55 AM	47.1	41.8	06:30 AM - 06:35 AM	56.5	51.1	09:10 AM - 09:15 AM	54.0	44.3
03:55 AM - 04:00 AM	43.3	42.0	06:35 AM - 06:40 AM	56.3	51.9	09:15 AM - 09:20 AM	53.3	43.5
04:00 AM - 04:05 AM	45.7	41.9	06:40 AM - 06:45 AM	56.1	51.5	09:20 AM - 09:25 AM	53.8	45.9
04:05 AM - 04:10 AM	45.6	41.8	06:45 AM - 06:50 AM	56.7	53.4	09:25 AM - 09:30 AM	51.6	43.6
04:10 AM - 04:15 AM	45.9	41.9	06:50 AM - 06:55 AM	57.4	51.9	09:30 AM - 09:35 AM	51.6	45.1
04:15 AM - 04:20 AM	48.0	42.3	06:55 AM - 07:00 AM	57.5	53.5	09:35 AM - 09:40 AM	52.1	44.6
04:20 AM - 04:25 AM	49.3	42.5	07:00 AM - 07:05 AM	59.4	53.3	09:40 AM - 09:45 AM	53.8	45.1
04:25 AM - 04:30 AM	50.8	42.9	07:05 AM - 07:10 AM	56.9	51.3	09:45 AM - 09:50 AM	55.8	45.5
04:30 AM - 04:35 AM	47.5	42.2	07:10 AM - 07:15 AM	56.9	52.4	09:50 AM - 09:55 AM	54.0	44.3
04:35 AM - 04:40 AM	47.7	42.7	07:15 AM - 07:20 AM	57.5	51.3	09:55 AM - 10:00 AM	52.0	44.3
04:40 AM - 04:45 AM	47.1	42.2	07:20 AM - 07:25 AM	56.4	50.2	10:00 AM - 10:05 AM	52.4	46.0
04:45 AM - 04:50 AM	50.5	43.7	07:25 AM - 07:30 AM	56.9	52.7	10:05 AM - 10:10 AM	53.4	45.7
04:50 AM - 04:55 AM	48.7	42.9	07:30 AM - 07:35 AM	56.2	49.1	10:10 AM - 10:15 AM	51.3	43.7
04:55 AM - 05:00 AM	48.8	42.8	07:35 AM - 07:40 AM	56.9	51.1	10:15 AM - 10:20 AM	52.3	43.7
05:00 AM - 05:05 AM	50.3	43.0	07:40 AM - 07:45 AM	57.7	50.1	10:20 AM - 10:25 AM	52.9	45.8
05:05 AM - 05:10 AM	50.6	43.5	07:45 AM - 07:50 AM	56.6	49.8	10:25 AM - 10:30 AM	52.6	43.7
05:10 AM - 05:15 AM	49.1	43.5	07:50 AM - 07:55 AM	55.6	46.7	10:30 AM - 10:35 AM	54.5	45.6
05:15 AM - 05:20 AM	52.4	43.8	07:55 AM - 08:00 AM	55.9	51.3	10:35 AM - 10:40 AM	52.7	42.9
05:20 AM - 05:25 AM	44.8	41.8	08:00 AM - 08:05 AM	55.9	47.4	10:40 AM - 10:45 AM	53.4	43.8
05:25 AM - 05:30 AM	51.0	44.6	08:05 AM - 08:10 AM	57.7	48.6	10:45 AM - 10:50 AM	52.4	43.2
05:30 AM - 05:35 AM	61.9	45.2	08:10 AM - 08:15 AM	58.1	48.2	10:50 AM - 10:55 AM	53.0	43.1
05:35 AM - 05:40 AM	53.1	45.9	08:15 AM - 08:20 AM	56.1	48.9	10:55 AM - 11:00 AM	53.9	45.8



Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

Lot ID: 22133616
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report Number : 2512770-1

P/O : สัญญา
Project Name : Project AIE Rayong
Project Location :

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Sample Number : 22133616-2
Parameter : Noise Level (Leq 5 min)
Location : N1 (ในบริเวณพื้นที่) (GPS 47P 0726474,1407389)
Measurement Date : Nov 27 - Nov 28, 2022
Measurement by : Santi Chaichana
Sound Level meter : Serial No. 00572561

Nov 27, 2022			Nov 27 - Nov 28, 2022			Nov 28, 2022		
Time	Leq dB(A)	L90 dB(A)	Time	Leq dB(A)	L90 dB(A)	Time	Leq dB(A)	L90 dB(A)
07:00 PM - 07:05 PM	53.8	48.2	09:40 PM - 09:45 PM	54.6	47.1	12:20 AM - 12:25 AM	48.1	43.7
07:05 PM - 07:10 PM	54.2	49.3	09:45 PM - 09:50 PM	49.7	45.0	12:25 AM - 12:30 AM	50.4	43.6
07:10 PM - 07:15 PM	55.2	49.4	09:50 PM - 09:55 PM	51.7	44.8	12:30 AM - 12:35 AM	47.2	42.8
07:15 PM - 07:20 PM	54.6	49.7	09:55 PM - 10:00 PM	54.2	45.1	12:35 AM - 12:40 AM	47.4	42.6
07:20 PM - 07:25 PM	54.2	47.6	10:00 PM - 10:05 PM	49.8	45.1	12:40 AM - 12:45 AM	45.1	40.9
07:25 PM - 07:30 PM	55.6	48.8	10:05 PM - 10:10 PM	52.0	45.3	12:45 AM - 12:50 AM	46.9	42.5
07:30 PM - 07:35 PM	52.5	47.1	10:10 PM - 10:15 PM	49.3	45.3	12:50 AM - 12:55 AM	45.8	41.9
07:35 PM - 07:40 PM	52.9	46.8	10:15 PM - 10:20 PM	49.4	44.4	12:55 AM - 01:00 AM	45.0	42.6
07:40 PM - 07:45 PM	53.3	48.2	10:20 PM - 10:25 PM	49.1	44.2	01:00 AM - 01:05 AM	46.6	42.9
07:45 PM - 07:50 PM	53.4	48.3	10:25 PM - 10:30 PM	50.2	44.5	01:05 AM - 01:10 AM	44.9	41.5
07:50 PM - 07:55 PM	52.5	47.2	10:30 PM - 10:35 PM	49.7	44.9	01:10 AM - 01:15 AM	48.4	42.8
07:55 PM - 08:00 PM	54.3	48.7	10:35 PM - 10:40 PM	48.9	44.5	01:15 AM - 01:20 AM	45.3	42.2
08:00 PM - 08:05 PM	54.3	48.7	10:40 PM - 10:45 PM	57.0	45.8	01:20 AM - 01:25 AM	44.6	42.2
08:05 PM - 08:10 PM	53.7	48.4	10:45 PM - 10:50 PM	51.7	44.2	01:25 AM - 01:30 AM	47.0	42.1
08:10 PM - 08:15 PM	54.0	49.1	10:50 PM - 10:55 PM	50.9	44.1	01:30 AM - 01:35 AM	47.9	41.4
08:15 PM - 08:20 PM	54.3	47.7	10:55 PM - 11:00 PM	50.9	43.4	01:35 AM - 01:40 AM	45.3	40.7
08:20 PM - 08:25 PM	52.8	48.0	11:00 PM - 11:05 PM	52.4	43.8	01:40 AM - 01:45 AM	41.9	40.1
08:25 PM - 08:30 PM	51.9	47.2	11:05 PM - 11:10 PM	48.6	43.3	01:45 AM - 01:50 AM	46.2	40.3
08:30 PM - 08:35 PM	51.3	47.3	11:10 PM - 11:15 PM	47.5	44.0	01:50 AM - 01:55 AM	42.9	39.9
08:35 PM - 08:40 PM	53.7	48.9	11:15 PM - 11:20 PM	49.5	43.9	01:55 AM - 02:00 AM	43.8	40.9
08:40 PM - 08:45 PM	53.4	49.2	11:20 PM - 11:25 PM	49.1	43.5	02:00 AM - 02:05 AM	47.4	41.0
08:45 PM - 08:50 PM	52.4	48.4	11:25 PM - 11:30 PM	50.3	44.0	02:05 AM - 02:10 AM	43.2	40.2
08:50 PM - 08:55 PM	53.4	47.6	11:30 PM - 11:35 PM	46.7	43.6	02:10 AM - 02:15 AM	44.6	41.2
08:55 PM - 09:00 PM	51.1	46.7	11:35 PM - 11:40 PM	47.5	43.8	02:15 AM - 02:20 AM	45.0	41.0
09:00 PM - 09:05 PM	53.7	46.8	11:40 PM - 11:45 PM	45.5	43.2	02:20 AM - 02:25 AM	45.0	41.3
09:05 PM - 09:10 PM	52.2	46.7	11:45 PM - 11:50 PM	46.5	43.2	02:25 AM - 02:30 AM	44.1	41.1
09:10 PM - 09:15 PM	51.3	47.7	11:50 PM - 11:55 PM	48.4	43.0	02:30 AM - 02:35 AM	47.2	40.8
09:15 PM - 09:20 PM	54.2	48.5	11:55 PM - 12:00 AM	45.1	42.0	02:35 AM - 02:40 AM	46.5	41.9
09:20 PM - 09:25 PM	51.3	47.1	12:00 AM - 12:05 AM	47.0	43.2	02:40 AM - 02:45 AM	45.8	41.6
09:25 PM - 09:30 PM	55.0	46.9	12:05 AM - 12:10 AM	46.5	42.7	02:45 AM - 02:50 AM	42.9	40.9
09:30 PM - 09:35 PM	53.7	47.9	12:10 AM - 12:15 AM	48.5	43.4	02:50 AM - 02:55 AM	45.3	40.9
09:35 PM - 09:40 PM	53.5	47.1	12:15 AM - 12:20 AM	46.6	43.6	02:55 AM - 03:00 AM	43.2	41.5



Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

Lot ID: 22133616
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report Number : 2512770-1

P/O : สัญญา
Project Name : Project AIE Rayong
Project Location :

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Sample Number : 22133616-2
Parameter : Noise Level (Leq 5 min)
Location : N1 (ในบริเวณพื้นที่) (GPS 47P 0726474,1407389)
Measurement Date : Nov 27 - Nov 28, 2022
Measurement by : Santi Chaichana
Sound Level meter : Serial No. 00572561

Nov 28, 2022			Nov 28, 2022			Nov 28, 2022		
Time	Leq dB(A)	L90 dB(A)	Time	Leq dB(A)	L90 dB(A)	Time	Leq dB(A)	L90 dB(A)
03:00 AM - 03:05 AM	43.9	42.2	05:40 AM - 05:45 AM	54.5	47.2	08:20 AM - 08:25 AM	58.0	46.8
03:05 AM - 03:10 AM	45.4	41.4	05:45 AM - 05:50 AM	53.7	47.6	08:25 AM - 08:30 AM	53.6	46.0
03:10 AM - 03:15 AM	45.7	41.7	05:50 AM - 05:55 AM	53.9	48.5	08:30 AM - 08:35 AM	53.4	44.6
03:15 AM - 03:20 AM	46.9	41.2	05:55 AM - 06:00 AM	55.2	48.6	08:35 AM - 08:40 AM	51.4	44.0
03:20 AM - 03:25 AM	45.5	41.6	06:00 AM - 06:05 AM	54.6	49.2	08:40 AM - 08:45 AM	55.3	46.1
03:25 AM - 03:30 AM	44.9	41.5	06:05 AM - 06:10 AM	54.3	48.3	08:45 AM - 08:50 AM	52.2	42.9
03:30 AM - 03:35 AM	48.2	41.2	06:10 AM - 06:15 AM	54.9	50.3	08:50 AM - 08:55 AM	52.0	43.8
03:35 AM - 03:40 AM	45.3	41.4	06:15 AM - 06:20 AM	57.1	50.5	08:55 AM - 09:00 AM	51.3	43.5
03:40 AM - 03:45 AM	43.7	41.3	06:20 AM - 06:25 AM	55.2	50.3	09:00 AM - 09:05 AM	51.1	43.9
03:45 AM - 03:50 AM	45.5	41.5	06:25 AM - 06:30 AM	56.0	50.2	09:05 AM - 09:10 AM	51.2	43.2
03:50 AM - 03:55 AM	49.6	42.2	06:30 AM - 06:35 AM	57.6	50.2	09:10 AM - 09:15 AM	50.5	43.0
03:55 AM - 04:00 AM	44.6	42.4	06:35 AM - 06:40 AM	56.5	51.7	09:15 AM - 09:20 AM	53.5	44.6
04:00 AM - 04:05 AM	45.9	43.3	06:40 AM - 06:45 AM	58.1	53.5	09:20 AM - 09:25 AM	51.9	44.1
04:05 AM - 04:10 AM	46.1	43.4	06:45 AM - 06:50 AM	57.2	53.4	09:25 AM - 09:30 AM	53.5	45.5
04:10 AM - 04:15 AM	54.8	42.0	06:50 AM - 06:55 AM	57.4	53.6	09:30 AM - 09:35 AM	52.3	42.6
04:15 AM - 04:20 AM	57.7	43.2	06:55 AM - 07:00 AM	58.1	53.1	09:35 AM - 09:40 AM	53.6	43.5
04:20 AM - 04:25 AM	48.8	43.5	07:00 AM - 07:05 AM	58.1	54.8	09:40 AM - 09:45 AM	53.0	43.5
04:25 AM - 04:30 AM	48.2	43.5	07:05 AM - 07:10 AM	57.5	53.7	09:45 AM - 09:50 AM	52.0	43.6
04:30 AM - 04:35 AM	49.8	42.8	07:10 AM - 07:15 AM	57.2	53.6	09:50 AM - 09:55 AM	50.4	42.8
04:35 AM - 04:40 AM	45.4	42.8	07:15 AM - 07:20 AM	57.0	53.0	09:55 AM - 10:00 AM	53.1	43.7
04:40 AM - 04:45 AM	46.1	42.7	07:20 AM - 07:25 AM	57.6	53.6	10:00 AM - 10:05 AM	52.1	43.6
04:45 AM - 04:50 AM	48.4	42.9	07:25 AM - 07:30 AM	58.0	52.7	10:05 AM - 10:10 AM	52.2	44.6
04:50 AM - 04:55 AM	48.3	43.8	07:30 AM - 07:35 AM	56.5	51.5	10:10 AM - 10:15 AM	52.6	45.9
04:55 AM - 05:00 AM	46.5	44.1	07:35 AM - 07:40 AM	57.7	51.0	10:15 AM - 10:20 AM	51.2	42.7
05:00 AM - 05:05 AM	49.2	44.6	07:40 AM - 07:45 AM	58.0	51.3	10:20 AM - 10:25 AM	53.7	46.3
05:05 AM - 05:10 AM	51.5	44.6	07:45 AM - 07:50 AM	55.8	47.0	10:25 AM - 10:30 AM	50.6	43.6
05:10 AM - 05:15 AM	50.7	45.2	07:50 AM - 07:55 AM	59.5	48.5	10:30 AM - 10:35 AM	51.3	44.8
05:15 AM - 05:20 AM	52.2	45.2	07:55 AM - 08:00 AM	54.2	47.8	10:35 AM - 10:40 AM	52.1	43.6
05:20 AM - 05:25 AM	50.4	45.1	08:00 AM - 08:05 AM	58.8	46.6	10:40 AM - 10:45 AM	50.6	42.9
05:25 AM - 05:30 AM	51.4	45.4	08:05 AM - 08:10 AM	53.4	46.4	10:45 AM - 10:50 AM	52.6	45.2
05:30 AM - 05:35 AM	59.2	46.3	08:10 AM - 08:15 AM	55.9	46.9	10:50 AM - 10:55 AM	53.0	43.4
05:35 AM - 05:40 AM	53.6	45.8	08:15 AM - 08:20 AM	55.3	45.4	10:55 AM - 11:00 AM	53.7	45.8

Address: 104 Phatthanakan 40, Phatthanakan Rd., Khwaeng Phatthanakan, Khet Suan Luang, Bangkok 10250 Thailand | Phone: +66 0 2760 3000 | Fax: +66 0 2760 3197

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RIGHT SOLUTIONS

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ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

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RIGHT SOLUTIONS

Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

Lot ID: 22133616
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report Number : 2512771-1

P/O : สัญญา
Project Name : Project AIE Rayong
Project Location :

Page 1 of 3

Sample Number : 22133616-3
Parameter : Noise Level (Leq 5 min)
Location : N1 (ในบริเวณพื้นที่) (GPS 47P 0726474,1407389)
Measurement Date : Nov 28 - Nov 29, 2022
Measurement by : Santi Chaichana
Sound Level meter : Serial No. 00572561

Nov 28, 2022			Nov 28, 2022			Nov 28, 2022		
Time	Leq dB(A)	L90 dB(A)	Time	Leq dB(A)	L90 dB(A)	Time	Leq dB(A)	L90 dB(A)
11:00 AM - 11:05 AM	54.0	44.4	01:40 PM - 01:45 PM	54.5	48.1	04:20 PM - 04:25 PM	54.5	46.9
11:05 AM - 11:10 AM	54.6	48.0	01:45 PM - 01:50 PM	55.3	49.9	04:25 PM - 04:30 PM	54.2	45.9
11:10 AM - 11:15 AM	51.8	43.0	01:50 PM - 01:55 PM	56.7	51.3	04:30 PM - 04:35 PM	54.3	47.3
11:15 AM - 11:20 AM	53.1	44.6	01:55 PM - 02:00 PM	56.3	47.8	04:35 PM - 04:40 PM	53.6	47.3
11:20 AM - 11:25 AM	52.4	44.4	02:00 PM - 02:05 PM	57.7	50.0	04:40 PM - 04:45 PM	56.3	48.4
11:25 AM - 11:30 AM	52.4	45.3	02:05 PM - 02:10 PM	60.1	54.4	04:45 PM - 04:50 PM	55.0	49.4
11:30 AM - 11:35 AM	53.1	45.7	02:10 PM - 02:15 PM	64.4	55.4	04:50 PM - 04:55 PM	54.9	47.7
11:35 AM - 11:40 AM	52.7	44.1	02:15 PM - 02:20 PM	60.6	51.6	04:55 PM - 05:00 PM	58.0	50.7
11:40 AM - 11:45 AM	51.1	43.1	02:20 PM - 02:25 PM	59.8	53.5	05:00 PM - 05:05 PM	56.3	51.1
11:45 AM - 11:50 AM	52.4	43.5	02:25 PM - 02:30 PM	62.7	54.9	05:05 PM - 05:10 PM	57.0	51.4
11:50 AM - 11:55 AM	53.4	44.2	02:30 PM - 02:35 PM	62.6	55.8	05:10 PM - 05:15 PM	55.2	48.6
11:55 AM - 12:00 PM	52.8	44.5	02:35 PM - 02:40 PM	59.4	52.8	05:15 PM - 05:20 PM	55.1	49.0
12:00 PM - 12:05 PM	52.7	44.8	02:40 PM - 02:45 PM	56.8	52.3	05:20 PM - 05:25 PM	55.1	47.6
12:05 PM - 12:10 PM	53.4	44.0	02:45 PM - 02:50 PM	56.0	48.6	05:25 PM - 05:30 PM	54.9	51.0
12:10 PM - 12:15 PM	52.8	43.6	02:50 PM - 02:55 PM	52.1	44.7	05:30 PM - 05:35 PM	55.8	50.7
12:15 PM - 12:20 PM	53.7	44.5	02:55 PM - 03:00 PM	51.5	44.5	05:35 PM - 05:40 PM	60.8	50.3
12:20 PM - 12:25 PM	53.0	46.7	03:00 PM - 03:05 PM	54.9	44.2	05:40 PM - 05:45 PM	54.4	48.8
12:25 PM - 12:30 PM	52.8	46.6	03:05 PM - 03:10 PM	54.5	43.7	05:45 PM - 05:50 PM	55.6	49.5
12:30 PM - 12:35 PM	53.4	45.4	03:10 PM - 03:15 PM	52.8	46.6	05:50 PM - 05:55 PM	55.1	48.6
12:35 PM - 12:40 PM	52.4	45.5	03:15 PM - 03:20 PM	54.1	47.1	05:55 PM - 06:00 PM	55.0	51.0
12:40 PM - 12:45 PM	53.5	45.5	03:20 PM - 03:25 PM	53.8	45.3	06:00 PM - 06:05 PM	54.8	48.1
12:45 PM - 12:50 PM	57.1	45.8	03:25 PM - 03:30 PM					



Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Sloom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok, Thailand 10500

P/O : สัญญาจ้าง

Project Name : Project AIE Rayong

Project Location :

Sample Number : 22133616-3
Parameter : Noise Level (Leq 5 min)
Location : N1 (หน้าประตูรถบรรทุก) (GPS 47P 0726474,1407389)
Measurement Date : Nov 29 - Nov 29, 2022
Measurement by : Santi Chaichana
Sound Level meter : Serial No. 00572561

Lot ID: 22133616

Date Received : Dec 06, 2022

Date Reported : Dec 15, 2022

Report Number : 2512772-1

Page 3 of 3

Nov 29, 2022		Nov 29, 2022		Nov 29, 2022	
Time	Leq dB(A)	Time	Leq dB(A)	Time	Leq dB(A)
02:00 AM - 03:05 AM	41.2	05:40 AM - 05:45 AM	53.0	08:20 AM - 08:25 AM	52.7
03:05 AM - 03:10 AM	47.4	05:45 AM - 05:50 AM	53.6	08:25 AM - 08:30 AM	53.5
03:10 AM - 03:15 AM	49.8	05:50 AM - 05:55 AM	55.2	08:30 AM - 08:35 AM	52.7
03:15 AM - 03:20 AM	44.2	05:55 AM - 06:00 AM	53.5	08:35 AM - 08:40 AM	53.9
03:20 AM - 03:25 AM	42.0	06:00 AM - 06:05 AM	53.1	08:40 AM - 08:45 AM	55.2
03:25 AM - 03:30 AM	48.1	06:05 AM - 06:10 AM	53.5	08:45 AM - 08:50 AM	52.2
03:30 AM - 03:35 AM	45.4	06:10 AM - 06:15 AM	54.6	08:50 AM - 08:55 AM	52.9
03:35 AM - 03:40 AM	45.5	06:15 AM - 06:20 AM	56.3	08:55 AM - 09:00 AM	50.5
03:40 AM - 03:45 AM	43.2	06:20 AM - 06:25 AM	57.5	09:00 AM - 09:05 AM	54.3
03:45 AM - 03:50 AM	45.3	06:25 AM - 06:30 AM	57.1	09:05 AM - 09:10 AM	53.5
03:50 AM - 03:55 AM	46.5	06:30 AM - 06:35 AM	55.7	09:10 AM - 09:15 AM	50.8
03:55 AM - 04:00 AM	44.1	06:35 AM - 06:40 AM	60.3	09:15 AM - 09:20 AM	53.4
04:00 AM - 04:05 AM	49.5	06:40 AM - 06:45 AM	54.4	09:20 AM - 09:25 AM	52.6
04:05 AM - 04:10 AM	47.5	06:45 AM - 06:50 AM	56.2	09:25 AM - 09:30 AM	52.7
04:10 AM - 04:15 AM	51.8	06:50 AM - 06:55 AM	56.6	09:30 AM - 09:35 AM	52.8
04:15 AM - 04:20 AM	52.6	06:55 AM - 07:00 AM	57.0	09:35 AM - 09:40 AM	54.1
04:20 AM - 04:25 AM	48.1	07:00 AM - 07:05 AM	56.4	09:40 AM - 09:45 AM	51.0
04:25 AM - 04:30 AM	46.8	07:05 AM - 07:10 AM	56.8	09:45 AM - 09:50 AM	51.9
04:30 AM - 04:35 AM	45.7	07:10 AM - 07:15 AM	57.6	09:50 AM - 09:55 AM	52.9
04:35 AM - 04:40 AM	48.8	07:15 AM - 07:20 AM	57.5	09:55 AM - 10:00 AM	55.1
04:40 AM - 04:45 AM	48.4	07:20 AM - 07:25 AM	57.4	10:00 AM - 10:05 AM	50.3
04:45 AM - 04:50 AM	49.7	07:25 AM - 07:30 AM	56.9	10:05 AM - 10:10 AM	51.4
04:50 AM - 04:55 AM	48.5	07:30 AM - 07:35 AM	58.2	10:10 AM - 10:15 AM	51.1
04:55 AM - 05:00 AM	50.5	07:35 AM - 07:40 AM	57.3	10:15 AM - 10:20 AM	52.5
05:00 AM - 05:05 AM	48.3	07:40 AM - 07:45 AM	60.8	10:20 AM - 10:25 AM	52.3
05:05 AM - 05:10 AM	48.5	07:45 AM - 07:50 AM	55.0	10:25 AM - 10:30 AM	51.5
05:10 AM - 05:15 AM	51.1	07:50 AM - 07:55 AM	53.7	10:30 AM - 10:35 AM	51.2
05:15 AM - 05:20 AM	48.4	07:55 AM - 08:00 AM	54.3	10:35 AM - 10:40 AM	51.5
05:20 AM - 05:25 AM	51.3	08:00 AM - 08:05 AM	59.8	10:40 AM - 10:45 AM	52.7
05:25 AM - 05:30 AM	50.9	08:05 AM - 08:10 AM	55.4	10:45 AM - 10:50 AM	50.6
05:30 AM - 05:35 AM	54.4	08:10 AM - 08:15 AM	55.6	10:50 AM - 10:55 AM	51.6
05:35 AM - 05:40 AM	53.8	08:15 AM - 08:20 AM	52.3	10:55 AM - 11:00 AM	51.6



Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Sloom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok, Thailand 10500

P/O : สัญญาจ้าง

Project Name : Project AIE Rayong

Project Location :

Sample Number : 22133616-4
Parameter : Noise Level (Leq 5 min)
Location : N1 (หน้าประตูรถบรรทุก) (GPS 47P 0726474,1407389)
Measurement Date : Nov 29 - Nov 30, 2022
Measurement by : Santi Chaichana
Sound Level meter : Serial No. 00572561

Lot ID: 22133616

Date Received : Dec 06, 2022

Date Reported : Dec 15, 2022

Report Number : 2512772-1

Page 3 of 3

Nov 29, 2022		Nov 29, 2022		Nov 29, 2022	
Time	Leq dB(A)	Time	Leq dB(A)	Time	Leq dB(A)
11:00 AM - 11:05 AM	53.3	01:40 PM - 01:45 PM	51.0	04:20 PM - 04:25 PM	56.2
11:05 AM - 11:10 AM	52.0	01:45 PM - 01:50 PM	54.3	04:25 PM - 04:30 PM	56.9
11:10 AM - 11:15 AM	51.1	01:50 PM - 01:55 PM	56.5	04:30 PM - 04:35 PM	58.2
11:15 AM - 11:20 AM	56.0	01:55 PM - 02:00 PM	52.8	04:35 PM - 04:40 PM	56.5
11:20 AM - 11:25 AM	53.4	02:00 PM - 02:05 PM	52.2	04:40 PM - 04:45 PM	55.1
11:25 AM - 11:30 AM	51.1	02:05 PM - 02:10 PM	59.3	04:45 PM - 04:50 PM	57.2
11:30 AM - 11:35 AM	51.6	02:10 PM - 02:15 PM	51.4	04:50 PM - 04:55 PM	54.1
11:35 AM - 11:40 AM	53.9	02:15 PM - 02:20 PM	51.4	04:55 PM - 05:00 PM	56.3
11:40 AM - 11:45 AM	52.1	02:20 PM - 02:25 PM	52.2	05:00 PM - 05:05 PM	58.4
11:45 AM - 11:50 AM	53.5	02:25 PM - 02:30 PM	55.6	05:05 PM - 05:10 PM	56.1
11:50 AM - 11:55 AM	53.3	02:30 PM - 02:35 PM	62.0	05:10 PM - 05:15 PM	54.7
11:55 AM - 12:00 PM	52.1	02:35 PM - 02:40 PM	54.3	05:15 PM - 05:20 PM	68.9
12:00 PM - 12:05 PM	53.3	02:40 PM - 02:45 PM	53.6	05:20 PM - 05:25 PM	66.5
12:05 PM - 12:10 PM	53.1	02:45 PM - 02:50 PM	55.3	05:25 PM - 05:30 PM	62.2
12:10 PM - 12:15 PM	52.8	02:50 PM - 02:55 PM	66.0	05:30 PM - 05:35 PM	59.4
12:15 PM - 12:20 PM	52.5	02:55 PM - 03:00 PM	57.5	05:35 PM - 05:40 PM	58.5
12:20 PM - 12:25 PM	55.7	03:00 PM - 03:05 PM	57.7	05:40 PM - 05:45 PM	57.3
12:25 PM - 12:30 PM	51.8	03:05 PM - 03:10 PM	55.4	05:45 PM - 05:50 PM	55.8
12:30 PM - 12:35 PM	53.5	03:10 PM - 03:15 PM	53.6	05:50 PM - 05:55 PM	56.0
12:35 PM - 12:40 PM	53.8	03:15 PM - 03:20 PM	53.8	05:55 PM - 06:00 PM	62.3
12:40 PM - 12:45 PM	55.9	03:20 PM - 03:25 PM	52.1	06:00 PM - 06:05 PM	55.5
12:45 PM - 12:50 PM	52.1	03:25 PM - 03:30 PM	52.4	06:05 PM - 06:10 PM	56.4
12:50 PM - 12:55 PM	54.5	03:30 PM - 03:35 PM	51.6	06:10 PM - 06:15 PM	56.5
12:55 PM - 01:00 PM	54.1	03:35 PM - 03:40 PM	53.9	06:15 PM - 06:20 PM	56.3
01:00 PM - 01:05 PM	52.3	03:40 PM - 03:45 PM	54.1	06:20 PM - 06:25 PM	57.6
01:05 PM - 01:10 PM	52.6	03:45 PM - 03:50 PM	54.4	06:25 PM - 06:30 PM	56.8
01:10 PM - 01:15 PM	53.2	03:50 PM - 03:55 PM	53.6	06:30 PM - 06:35 PM	55.2
01:15 PM - 01:20 PM	53.0	03:55 PM - 04:00 PM	52.1	06:35 PM - 06:40 PM	56.9
01:20 PM - 01:25 PM	51.6	04:00 PM - 04:05 PM	53.5	06:40 PM - 06:45 PM	55.1
01:25 PM - 01:30 PM	51.7	04:05 PM - 04:10 PM	53.0	06:45 PM - 06:50 PM	54.7
01:30 PM - 01:35 PM	50.4	04:10 PM - 04:15 PM	54.2	06:50 PM - 06:55 PM	55.2
01:35 PM - 01:40 PM	51.8	04:15 PM - 04:20 PM	54.5	06:55 PM - 07:00 PM	56.1

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Approved by

Saranyut Jitranont
Assistant General Manager

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Approved by

Saranyut Jitranont
Assistant General Manager

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ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

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RIGHT SOLUTIONS. RIGHT PEOPLE. RIGHT PLACE.



Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Sloom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok, Thailand 10500

P/O : สัญญาจ้าง

Project Name : Project AIE Rayong

Project Location :

Sample Number : 22133616-4
Parameter : Noise Level (Leq 5 min)
Location : N1 (หน้าประตูรถบรรทุก) (GPS 47P 0726474,1407389)
Measurement Date : Nov 29 - Nov 30, 2022
Measurement by : Santi Chaichana
Sound Level meter : Serial No. 00572561

Lot ID: 22133616

Date Received : Dec 06, 2022

Date Reported : Dec 15, 2022

Report Number : 2512772-1

Page 2 of 3

Nov 29, 2022		Nov 29 - Nov 30, 2022		Nov 30, 2022	
Time	Leq dB(A)	Time	Leq dB(A)	Time	Leq dB(A)
07:00 PM - 07:05 PM	55.7	09:40 PM - 09:45 PM	51.8	12:20 AM - 12:25 AM	46.7
07:05 PM - 07:10 PM	56.7	09:45 PM - 09:50 PM	52.3	12:25 AM - 12:30 AM	49.0
07:10 PM - 07:15 PM	56.3	09:50 PM - 09:55 PM	56.1	12:30 AM - 12:35 AM	46.3
07:15 PM - 07:20 PM	54.6	09:55 PM - 10:00 PM	51.7	12:35 AM - 12:40 AM	46.9
07:20 PM - 07:25 PM	54.9	10:00 PM - 10:05 PM	52.0	12:40 AM - 12:45 AM	46.7
07:25 PM - 07:30 PM	56.6	10:05 PM - 10:10 PM	53.6	12:45 AM - 12:50 AM	50.2
07:30 PM - 07:35 PM	54.9	10:10 PM - 10:15 PM	51.9	12:50 AM - 12:55 AM	46.6
07:35 PM - 07:40 PM	53.8	10:15 PM - 10:20 PM	51.2	12:55 AM - 01:00 AM	46.8
07:40 PM - 07:45 PM	60.6	10:20 PM - 10:25 PM	52.8	01:00 AM - 01:05 AM	48.1
07:45 PM - 07:50 PM	54.4	10:25 PM - 10:30 PM	50.4	01:05 AM - 01:10 AM	49.5
07:50 PM - 07:55 PM	55.6	10:30 PM - 10:35 PM	51.8	01:10 AM - 01:15 AM	48.2
07:55 PM - 08:00 PM	54.9	10:35 PM - 10:40 PM	49.8	01:15 AM - 01:20 AM	47.1
08:00 PM - 08:05 PM	54.2	10:40 PM - 10:45 PM	49.0	01:20 AM - 01:25 AM	48.4
08:05 PM - 08:10 PM	54.1	10:45 PM - 10:50 PM	52.0	01:25 AM - 01:30 AM	49.5
08:10 PM - 08:15 PM	56.1	10:50 PM - 10:55 PM	51.2	01:30 AM - 01:35 AM	47.4
08:15 PM - 08:20 PM	54.7	10:55 PM - 11:00 PM	51.8	01:35 AM - 01:40 AM	46.9
08:20 PM - 08:25 PM	54.5	11:00 PM - 11:05 PM	50.2	01:40 AM - 01:45 AM	46.5
08:25 PM - 08:30 PM	54.6	11:05 PM - 11:10 PM	50.3	01:45 AM - 01:50 AM	46.2
08:30 PM - 08:35 PM	54.4	11:10 PM - 11:15 PM	48.4	01:50 AM - 01:55 AM	46.5
08:35 PM - 08:40 PM	55.4	11:15 PM - 11:20 PM	49.8	01:55 AM - 02:00 AM	49.1
08:40 PM - 08:45 PM	53.2	11:20 PM - 11:25 PM	47.8	02:00 AM - 02:05 AM	49.0
08:45 PM - 08:50 PM	51.5	11:25 PM - 11:30 PM	48.2	02:05 AM - 02:10 AM	46.0
08:50 PM - 08:55 PM	51.9	11:30 PM - 11:35 PM	52.1	02:10 AM - 02:15 AM	46.2
08:55 PM - 09:00 PM	54.3	11:35 PM - 11:40 PM	53.1	02:15 AM - 02:20 AM	56.4
09:00 PM - 09:05 PM	54.1	11:40 PM - 11:45 PM	48.0	02:20 AM - 02:25 AM	46.5
09:05 PM - 09:10 PM	52.5	11:45 PM - 11:50 PM	53.4	02:25 AM - 02:30 AM	46.6
09:10 PM - 09:15 PM	52.9	11:50 PM - 11:55 PM	50.4	02:30 AM - 02:35 AM	42.5
09:15 PM - 09:20 PM	53.2	11:55 PM - 12:00 AM	46.6	02:35 AM - 02:40 AM	44.1
09:20 PM - 09:25 PM	55.1	12:00 AM - 12:05 AM	48.2	02:40 AM - 02:45 AM	42.6
09:25 PM - 09:30 PM	49.7	12:05 AM - 12:10 AM	46.9	02:45 AM - 02:50 AM	43.5
09:30 PM - 09:35 PM	52.2	12:10 AM - 12:15 AM	47.5	02:50 AM - 02:55 AM	42.6
09:35 PM - 09:40 PM	49.8	12:15 AM - 12:20 AM	47.7	02:55 AM - 03:00 AM	44.2

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Sloom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok, Thailand 10500

P/O : สัญญาจ้าง

Project Name : Project AIE Rayong

Project Location :

Sample Number : 22133616-4
Parameter : Noise Level (Leq 5 min)
Location : N1 (หน้าประตูรถบรรทุก) (GPS 47P 0726474,1407389)
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Report Number : 2512772-1

Page 3 of 3

Nov 30, 2022		Nov 30, 2022		Nov 30, 2022		Nov 30, 2022	
Time	Leq dB(A)	L90 dB(A)	Time	Leq dB(A)	L90 dB(A)	Time	Leq dB(A)
03:00 AM - 03:05 AM	46.2	40.6	05:40 AM - 05:45 AM	53.3	46.1	08:20 AM - 08:25 AM	56.3
03:05 AM - 03:10 AM	44.1	41.1	05:45 AM - 05:50 AM	55.7	46.9	08:25 AM - 08:30 AM	56.2
03:10 AM - 03:15 AM	46.1	41.9	05:50 AM - 05:55 AM	54.7	46.2	08:30 AM - 08:35 AM	54.4
03:15 AM - 03:20 AM	47.6	41.2	05:55 AM - 06:00 AM	56.2	50.5	08:35 AM - 08:40 AM	54.5
03:20 AM - 03:25 AM	42.9	40.2	06:00 AM - 06:05 AM	53.8	46.6	08:40 AM - 08:45 AM	52.3
03:25 AM - 03:30 AM	44.2	40.3	06:05 AM - 06:10 AM	54.4	49.4	08:45 AM - 08:50 AM	54.8
03:30 AM - 03:35 AM	44.7	40.8	06:10 AM - 06:15 AM	54.4	50.5	08:50 AM - 08:55 AM	53.7
03:35 AM - 03:40 AM	50.9	42.0	06:15 AM - 06:20 AM	55.9	50.4	08:55 AM - 09:00 AM	53.9
03:40 AM - 03:45 AM	43.4	41.4	06:20 AM - 06:25 AM	56.5	51.8	09:00 AM - 09:05 AM	56.1
03:45 AM - 03:50 AM	43.9	41.1	06:25 AM - 06:30 AM	56.9	50.7	09:05 AM - 09:10 AM	53.2
03:50 AM - 03:55 AM	45.3	41.4	06:30 AM - 06:35 AM	55.9	51.8	09:10 AM - 09:15 AM	53.9
03:55 AM - 04:00 AM	47.3	42.0	06:35 AM - 06:40 AM	56.7	51.3	09:15 AM - 09:20 AM	54.2
04:00 AM - 04:05 AM	49.5	42.2	06:40 AM - 06:45 AM	56.5	52.1	09:20 AM - 09:25 AM	53.5
04:05 AM - 04:10 AM	45.8	42.1	06:45 AM - 06:50 AM	56.3	51.7	09:25 AM - 09:30 AM	54.0
04:10 AM - 04:15 AM	45.8	42.4	06:50 AM - 07:00 AM	57.6	53.6	09:30 AM - 09:35 AM	51.8
04:15 AM - 04:20 AM	46.1	42.1	06:55 AM - 07:00 AM	57.6	52.1	09:35 AM - 09:40 AM	52.3
04:20 AM - 04:25 AM	48.2	42.5	07:00 AM - 07:05 AM	57.7	53.7	09:40 AM - 09:45 AM	54.0
04:25 AM - 04:30 AM	49.5	42.7	07:05 AM - 07:10 AM	58.6	53.5	09:45 AM - 09:50 AM	54.0
04:30 AM - 04:35 AM	51.0	43.1	07:10 AM - 07:15 AM	57.1	53.5	09:50 AM - 09:55 AM	56.0
04:35 AM - 04:40 AM	47.7	42.4	07:15 AM - 07:20 AM	59.1	52.6	09:55 AM - 10:00 AM	53.3
04:40 AM - 04:45 AM	47.9	42.9	07:20 AM - 07:25 AM	57.7	51.5	10:00 AM - 10:05 AM	52.2
04:45 AM - 04:50 AM	47.3	42.4	07:25 AM - 07:30 AM	56.6	50.4	10:05 AM - 10:10 AM	52.6
04:50 AM - 04:55 AM	50.7	43.9	07:30 AM - 07:35 AM	57.1	52.9	10:10 AM - 10:15 AM	53.6
04:55 AM - 05:00 AM	49.0	43.1	07:35 AM - 07:40 AM	56.4	49.3	10:15 AM - 10:20 AM	51.5
05:00 AM - 05:05 AM	49.0	43.0	07:40 AM - 07:45 AM	57.1	51.3	10:20 AM - 10:25 AM	52.5
05:05 AM - 05:10 AM	50.5	43.2	07:45 AM - 07:50 AM	57.9	50.3	10:25 AM - 10:30 AM	53.1
05:10 AM - 05:15 AM	49.8	43.8	07:50 AM - 07:55 AM	56.8	50.0	10:30 AM - 10:35 AM	52.8
05:15 AM - 05:20 AM	49.3	43.7	07:55 AM - 08:00 AM	55.3	48.9	10:35 AM - 10:40 AM	54.7
05:20 AM - 05:25 AM	52.6	44.0	08:00 AM - 08:05 AM	56.1	51.5	10:40 AM - 10:45 AM	52.9
05:25 AM - 05:30 AM	52.2	45.0	08:05 AM - 08:10 AM	59.6	49.9	10:45 AM - 10:50 AM	52.2
05:30 AM - 05:35 AM	51.2	44.8	08:10 AM - 08:15 AM	57.9	48.8	10:50 AM - 10:55 AM	53.6
05:35 AM - 05:40 AM	62.1	45.4	08:15 AM - 08:20 AM	58.3	48.4	10:55 AM - 11:00 AM	53.2



Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (S103) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

Lot ID: 22133616
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report Number : 2512773-1

P/O : สัญญาจ้าง
Project Name : Project AIE Rayong
Project Location :

Page 1 of 3

Sample Number : 22133616-5
Parameter : Noise Level (Leq 5 min)
Location : N1 (หน้าตึกอาคาร) (GPS 47P 0726474,1407389)
Measurement Date : Nov 30 - Dec 01, 2022
Measurement by : Santi Chaichana
Sound Level meter : Serial No. 00572561

Nov 30, 2022		Nov 30, 2022		Nov 30, 2022	
Time	Leq dB(A)	Time	Leq dB(A)	Time	Leq dB(A)
11:00 AM - 11:05 AM	54.1	01:40 PM - 01:45 PM	53.1	04:20 PM - 04:25 PM	55.2
11:05 AM - 11:10 AM	52.6	01:45 PM - 01:50 PM	53.0	04:25 PM - 04:30 PM	56.2
11:10 AM - 11:15 AM	54.5	01:50 PM - 01:55 PM	54.3	04:30 PM - 04:35 PM	56.7
11:15 AM - 11:20 AM	51.5	01:55 PM - 02:00 PM	53.8	04:35 PM - 04:40 PM	58.9
11:20 AM - 11:25 AM	52.2	02:00 PM - 02:05 PM	52.2	04:40 PM - 04:45 PM	56.7
11:25 AM - 11:30 AM	56.2	02:05 PM - 02:10 PM	53.3	04:45 PM - 04:50 PM	56.0
11:30 AM - 11:35 AM	56.5	02:10 PM - 02:15 PM	51.7	04:50 PM - 04:55 PM	57.0
11:35 AM - 11:40 AM	53.6	02:15 PM - 02:20 PM	52.4	04:55 PM - 05:00 PM	55.7
11:40 AM - 11:45 AM	52.4	02:20 PM - 02:25 PM	51.1	05:00 PM - 05:05 PM	56.7
11:45 AM - 11:50 AM	54.7	02:25 PM - 02:30 PM	51.8	05:05 PM - 05:10 PM	52.2
11:50 AM - 11:55 AM	53.2	02:30 PM - 02:35 PM	51.8	05:10 PM - 05:15 PM	56.0
11:55 AM - 12:00 PM	55.5	02:35 PM - 02:40 PM	53.7	05:15 PM - 05:20 PM	56.2
12:00 PM - 12:05 PM	51.8	02:40 PM - 02:45 PM	53.3	05:20 PM - 05:25 PM	57.2
12:05 PM - 12:10 PM	53.3	02:45 PM - 02:50 PM	50.9	05:25 PM - 05:30 PM	56.0
12:10 PM - 12:15 PM	51.4	02:50 PM - 02:55 PM	52.0	05:30 PM - 05:35 PM	55.8
12:15 PM - 12:20 PM	52.6	02:55 PM - 03:00 PM	53.1	05:35 PM - 05:40 PM	55.4
12:20 PM - 12:25 PM	51.8	03:00 PM - 03:05 PM	52.8	05:40 PM - 05:45 PM	56.8
12:25 PM - 12:30 PM	52.2	03:05 PM - 03:10 PM	51.3	05:45 PM - 05:50 PM	60.3
12:30 PM - 12:35 PM	55.4	03:10 PM - 03:15 PM	52.9	05:50 PM - 05:55 PM	54.7
12:35 PM - 12:40 PM	51.1	03:15 PM - 03:20 PM	54.5	05:55 PM - 06:00 PM	58.1
12:40 PM - 12:45 PM	56.2	03:20 PM - 03:25 PM	53.3	06:00 PM - 06:05 PM	55.3
12:45 PM - 12:50 PM	56.1	03:25 PM - 03:30 PM	53.3	06:05 PM - 06:10 PM	54.3
12:50 PM - 12:55 PM	52.8	03:30 PM - 03:35 PM	53.5	06:10 PM - 06:15 PM	59.3
12:55 PM - 01:00 PM	52.7	03:35 PM - 03:40 PM	53.9	06:15 PM - 06:20 PM	55.3
01:00 PM - 01:05 PM	51.4	03:40 PM - 03:45 PM	54.2	06:20 PM - 06:25 PM	55.2
01:05 PM - 01:10 PM	52.9	03:45 PM - 03:50 PM	54.1	06:25 PM - 06:30 PM	55.4
01:10 PM - 01:15 PM	52.7	03:50 PM - 03:55 PM	55.1	06:30 PM - 06:35 PM	54.3
01:15 PM - 01:20 PM	54.0	03:55 PM - 04:00 PM	55.8	06:35 PM - 06:40 PM	56.6
01:20 PM - 01:25 PM	51.6	04:00 PM - 04:05 PM	54.5	06:40 PM - 06:45 PM	54.9
01:25 PM - 01:30 PM	51.9	04:05 PM - 04:10 PM	55.4	06:45 PM - 06:50 PM	56.2
01:30 PM - 01:35 PM	52.3	04:10 PM - 04:15 PM	56.3	06:50 PM - 06:55 PM	54.8
01:35 PM - 01:40 PM	52.0	04:15 PM - 04:20 PM	56.4	06:55 PM - 07:00 PM	56.5



Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (S103) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

Lot ID: 22133616
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report Number : 2512773-1

P/O : สัญญาจ้าง
Project Name : Project AIE Rayong
Project Location :

Page 2 of 3

Sample Number : 22133616-5
Parameter : Noise Level (Leq 5 min)
Location : N1 (หน้าตึกอาคาร) (GPS 47P 0726474,1407389)
Measurement Date : Nov 30 - Dec 01, 2022
Measurement by : Santi Chaichana
Sound Level meter : Serial No. 00572561

Nov 30, 2022		Nov 30 - Dec 01, 2022		Dec 01, 2022	
Time	Leq dB(A)	Time	Leq dB(A)	Time	Leq dB(A)
07:00 PM - 07:05 PM	56.9	09:40 PM - 09:45 PM	53.4	12:20 AM - 12:25 AM	48.4
07:05 PM - 07:10 PM	55.1	09:45 PM - 09:50 PM	53.4	12:25 AM - 12:30 AM	48.7
07:10 PM - 07:15 PM	54.2	09:50 PM - 09:55 PM	53.4	12:30 AM - 12:35 AM	47.9
07:15 PM - 07:20 PM	55.8	09:55 PM - 10:00 PM	52.6	12:35 AM - 12:40 AM	47.3
07:20 PM - 07:25 PM	54.6	10:00 PM - 10:05 PM	51.2	12:40 AM - 12:45 AM	46.0
07:25 PM - 07:30 PM	56.6	10:05 PM - 10:10 PM	51.6	12:45 AM - 12:50 AM	44.1
07:30 PM - 07:35 PM	55.4	10:10 PM - 10:15 PM	50.0	12:50 AM - 12:55 AM	44.6
07:35 PM - 07:40 PM	54.4	10:15 PM - 10:20 PM	51.3	12:55 AM - 01:00 AM	44.7
07:40 PM - 07:45 PM	56.3	10:20 PM - 10:25 PM	51.2	01:00 AM - 01:05 AM	52.0
07:45 PM - 07:50 PM	54.5	10:25 PM - 10:30 PM	52.2	01:05 AM - 01:10 AM	45.0
07:50 PM - 07:55 PM	54.4	10:30 PM - 10:35 PM	51.2	01:10 AM - 01:15 AM	44.5
07:55 PM - 08:00 PM	54.8	10:35 PM - 10:40 PM	50.9	01:15 AM - 01:20 AM	44.3
08:00 PM - 08:05 PM	58.3	10:40 PM - 10:45 PM	51.2	01:20 AM - 01:25 AM	44.8
08:05 PM - 08:10 PM	54.5	10:45 PM - 10:50 PM	49.5	01:25 AM - 01:30 AM	52.3
08:10 PM - 08:15 PM	54.5	10:50 PM - 10:55 PM	51.7	01:30 AM - 01:35 AM	44.5
08:15 PM - 08:20 PM	53.7	10:55 PM - 11:00 PM	49.4	01:35 AM - 01:40 AM	45.7
08:20 PM - 08:25 PM	53.0	11:00 PM - 11:05 PM	49.1	01:40 AM - 01:45 AM	46.5
08:25 PM - 08:30 PM	54.5	11:05 PM - 11:10 PM	50.8	01:45 AM - 01:50 AM	51.1
08:30 PM - 08:35 PM	52.9	11:10 PM - 11:15 PM	50.1	01:50 AM - 01:55 AM	48.0
08:35 PM - 08:40 PM	52.4	11:15 PM - 11:20 PM	53.7	01:55 AM - 02:00 AM	54.1
08:40 PM - 08:45 PM	49.8	11:20 PM - 11:25 PM	53.9	02:00 AM - 02:05 AM	46.7
08:45 PM - 08:50 PM	52.9	11:25 PM - 11:30 PM	50.7	02:05 AM - 02:10 AM	47.6
08:50 PM - 08:55 PM	51.8	11:30 PM - 11:35 PM	48.8	02:10 AM - 02:15 AM	47.1
08:55 PM - 09:00 PM	54.8	11:35 PM - 11:40 PM	48.8	02:15 AM - 02:20 AM	47.2
09:00 PM - 09:05 PM	53.3	11:40 PM - 11:45 PM	52.1	02:20 AM - 02:25 AM	43.9
09:05 PM - 09:10 PM	52.6	11:45 PM - 11:50 PM	48.8	02:25 AM - 02:30 AM	46.6
09:10 PM - 09:15 PM	53.0	11:50 PM - 11:55 PM	49.0	02:30 AM - 02:35 AM	45.7
09:15 PM - 09:20 PM	53.9	11:55 PM - 12:00 AM	47.3	02:35 AM - 02:40 AM	43.7
09:20 PM - 09:25 PM	52.5	12:00 AM - 12:05 AM	52.4	02:40 AM - 02:45 AM	46.3
09:25 PM - 09:30 PM	52.7	12:05 AM - 12:10 AM	49.7	02:45 AM - 02:50 AM	48.7
09:30 PM - 09:35 PM	50.6	12:10 AM - 12:15 AM	47.0	02:50 AM - 02:55 AM	46.9
09:35 PM - 09:40 PM	51.4	12:15 AM - 12:20 AM	46.8	02:55 AM - 03:00 AM	48.1

The above results are valid only for the analyzed/tested sample(s) as indicated in the report. No part of this report or certificate may be reproduced or any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by :
Saryuth Jitranont
Assistant General Manager

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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (S103) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

Lot ID: 22133616
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report Number : 2512773-1

P/O : สัญญาจ้าง
Project Name : Project AIE Rayong
Project Location :

Page 3 of 3

Sample Number : 22133616-5
Parameter : Noise Level (Leq 5 min)
Location : N1 (หน้าตึกอาคาร) (GPS 47P 0726474,1407389)
Measurement Date : Nov 30 - Dec 01, 2022
Measurement by : Santi Chaichana
Sound Level meter : Serial No. 00572561

Dec 01, 2022		Dec 01, 2022		Dec 01, 2022	
Time	Leq dB(A)	Time	Leq dB(A)	Time	Leq dB(A)
03:00 AM - 03:05 AM	46.0	05:40 AM - 05:45 AM	52.5	08:20 AM - 08:25 AM	57.6
03:05 AM - 03:10 AM	46.5	05:45 AM - 05:50 AM	54.5	08:25 AM - 08:30 AM	54.1
03:10 AM - 03:15 AM	44.3	05:50 AM - 05:55 AM	54.3	08:30 AM - 08:35 AM	54.4
03:15 AM - 03:20 AM	47.5	05:55 AM - 06:00 AM	58.5	08:35 AM - 08:40 AM	53.3
03:20 AM - 03:25 AM	46.4	06:00 AM - 06:05 AM	57.3	08:40 AM - 08:45 AM	56.4
03:25 AM - 03:30 AM	45.3	06:05 AM - 06:10 AM	56.9	08:45 AM - 08:50 AM	52.5
03:30 AM - 03:35 AM	49.1	06:10 AM - 06:15 AM	57.7	08:50 AM - 08:55 AM	52.5
03:35 AM - 03:40 AM	46.9	06:15 AM - 06:20 AM	55.5	08:55 AM - 09:00 AM	51.8
03:40 AM - 03:45 AM	46.4	06:20 AM - 06:25 AM	54.9	09:00 AM - 09:05 AM	51.9
03:45 AM - 03:50 AM	46.4	06:25 AM - 06:30 AM	55.1	09:05 AM - 09:10 AM	52.7
03:50 AM - 03:55 AM	48.1	06:30 AM - 06:35 AM	56.1	09:10 AM - 09:15 AM	55.2
03:55 AM - 04:00 AM	50.9	06:35 AM - 06:40 AM	56.0	09:15 AM - 09:20 AM	53.6
04:00 AM - 04:05 AM	48.6	06:40 AM - 06:45 AM	55.5	09:20 AM - 09:25 AM	53.1
04:05 AM - 04:10 AM	46.6	06:45 AM - 06:50 AM	56.0	09:25 AM - 09:30 AM	52.6
04:10 AM - 04:15 AM	47.3	06:50 AM - 06:55 AM	55.8	09:30 AM - 09:35 AM	52.2
04:15 AM - 04:20 AM	46.6	06:55 AM - 07:00 AM	59.2	09:35 AM - 09:40 AM	52.8
04:20 AM - 04:25 AM	45.5	07:00 AM - 07:05 AM	56.5	09:40 AM - 09:45 AM	50.0
04:25 AM - 04:30 AM	47.9	07:05 AM - 07:10 AM	56.5	09:45 AM - 09:50 AM	51.8
04:30 AM - 04:35 AM	50.0	07:10 AM - 07:15 AM	57.1	09:50 AM - 09:55 AM	53.7
04:35 AM - 04:40 AM	47.6	07:15 AM - 07:20 AM	58.4	09:55 AM - 10:00 AM	54.4
04:40 AM - 04:45 AM	49.3	07:20 AM - 07:25 AM	57.3	10:00 AM - 10:05 AM	56.2
04:45 AM - 04:50 AM	52.7	07:25 AM - 07:30 AM	56.9	10:05 AM - 10:10 AM	56.9
04:50 AM - 04:55 AM	49.9	07:30 AM - 07:35 AM	56.9	10:10 AM - 10:15 AM	52.4
04:55 AM - 05:00 AM	50.0	07:35 AM - 07:40 AM	57.9	10:15 AM - 10:20 AM	54.0
05:00 AM - 05:05 AM	50.3	07:40 AM - 07:45 AM	57.6	10:20 AM - 10:25 AM	54.6
05:05 AM - 05:10 AM	50.3	07:45 AM - 07:50 AM	58.0	10:25 AM - 10:30 AM	53.8
05:10 AM - 05:15 AM	52.5	07:50 AM - 07:55 AM	56.3	10:30 AM - 10:35 AM	53.3
05:15 AM - 05:20 AM	51.7	07:55 AM - 08:00 AM	54.2	10:35 AM - 10:40 AM	51.9
05:20 AM - 05:25 AM	51.3	08:00 AM - 08:05 AM	53.7	10:40 AM - 10:45 AM	52.7
05:25 AM - 05:30 AM	56.4	08:05 AM - 08:10 AM	55.6	10:45 AM - 10:50 AM	54.4
05:30 AM - 05:35 AM	53.1	08:10 AM - 08:15 AM	54.9	10:50 AM - 10:55 AM	53.3
05:35 AM - 05:40 AM	53.4	08:15 AM - 08:20 AM	53.8	10:55 AM - 11:00 AM	53.4

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (S103) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

Lot ID: 22133616
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report Number : 2512773-1

P/O : สัญญาจ้าง
Project Name : Project AIE Rayong
Project Location :

Page 1 of 3

Sample Number : 22133616-5
Parameter : Noise Level (Leq 5 min)
Location : N1 (หน้าตึกอาคาร) (GPS 47P 0726474,1407389)
Measurement Date : Dec 01 - Dec 02, 2022
Measurement by : Santi Chaichana
Sound Level meter : Serial No. 00572561

Dec 01, 2022		Dec 01, 2022		Dec 01, 2022	
Time	Leq dB(A)	Time	Leq dB(A)	Time	Leq dB(A)
11:00 AM - 11:05 AM	52.7	01:40 PM - 01:45 PM	62.0	04:20 PM - 04:25 PM	55.2
11:05 AM - 11:10 AM	53.1	01:45 PM - 01:50 PM	58.1	04:25 PM - 04:30 PM	55.1
11:10 AM - 11:15 AM	53.9	01:50 PM - 01:55 PM	61.6	04:30 PM - 04:35 PM	57.6
11:15 AM - 11:20 AM	53.6	01:55 PM - 02:00 PM	57.6	04:35 PM - 04:40 PM	55.4
11:20 AM - 11:25 AM	53.2	02:00 PM - 02:05 PM	56.4	04:40 PM - 04:45 PM	56.7
11:25 AM - 11:30 AM	56.3	02:05 PM - 02:10 PM	56.2	04:45 PM - 04:50 PM	56.0
11:30 AM - 11:35 AM	53.6	02:10 PM - 02:15 PM	54.8	04:50 PM - 04:55 PM	57.7
11:35 AM - 11:40 AM	53.6	02:15 PM - 02:20 PM	54.8	04:55 PM - 05:00 PM	58.1
11:40 AM - 11:45 AM	53.2	02:20 PM - 02:25 PM	53.3	05:00 PM - 05:05 PM	66.0
11:45 AM - 11:50 AM	53.2	02:25 PM - 02:30 PM	58.5	05:05 PM - 05:10 PM	57.1



Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : สัญญาจ้าง

Project Name : Project AIE Rayong

Project Location :

Lot ID: 22133616

Date Received : Dec 06, 2022

Date Reported : Dec 15, 2022

Report Number : 2512774-1

Sample Number : 22133616-6
Parameter : Noise Level (Leq 5 min)
Location : N1 (สนามฟุตบอลหญ้า) (GPS 47P 0726474,1407389)
Measurement Date : Dec 01 - Dec 02, 2022
Measurement by : Santi Chaichana
Sound Level meter : Serial No. 00572561

Page 2 of 3

Dec 01, 2022	Leq	L90	Dec 01 - Dec 02, 2022	Leq	L90	Dec 02, 2022	Leq	L90
Time	dB(A)	dB(A)	Time	dB(A)	dB(A)	Time	dB(A)	dB(A)
07:00 PM - 07:05 PM	59.8	56.8	09:40 PM - 09:45 PM	51.4	46.4	12:20 AM - 12:25 AM	48.2	45.0
07:05 PM - 07:10 PM	60.0	55.9	09:45 PM - 09:50 PM	51.6	46.1	12:25 AM - 12:30 AM	50.0	46.3
07:10 PM - 07:15 PM	58.4	55.2	09:50 PM - 09:55 PM	50.6	46.1	12:30 AM - 12:35 AM	49.5	46.1
07:15 PM - 07:20 PM	58.6	54.0	09:55 PM - 10:00 PM	51.6	46.9	12:35 AM - 12:40 AM	50.1	46.8
07:20 PM - 07:25 PM	58.3	55.1	10:00 PM - 10:05 PM	51.7	47.1	12:40 AM - 12:45 AM	50.1	46.8
07:25 PM - 07:30 PM	57.8	55.7	10:05 PM - 10:10 PM	53.9	47.0	12:45 AM - 12:50 AM	49.7	46.2
07:30 PM - 07:35 PM	57.7	54.4	10:10 PM - 10:15 PM	53.8	47.2	12:50 AM - 12:55 AM	48.7	46.2
07:35 PM - 07:40 PM	58.9	55.4	10:15 PM - 10:20 PM	50.4	45.9	12:55 AM - 01:00 AM	48.5	45.2
07:40 PM - 07:45 PM	59.0	54.7	10:20 PM - 10:25 PM	50.6	46.1	01:00 AM - 01:05 AM	49.8	46.5
07:45 PM - 07:50 PM	58.4	55.4	10:25 PM - 10:30 PM	50.9	45.8	01:05 AM - 01:10 AM	50.1	45.7
07:50 PM - 07:55 PM	59.3	56.4	10:30 PM - 10:35 PM	52.6	45.9	01:10 AM - 01:15 AM	50.4	46.4
07:55 PM - 08:00 PM	58.6	51.1	10:35 PM - 10:40 PM	49.9	46.4	01:15 AM - 01:20 AM	47.4	45.1
08:00 PM - 08:05 PM	61.4	59.0	10:40 PM - 10:45 PM	49.7	46.4	01:20 AM - 01:25 AM	50.8	45.4
08:05 PM - 08:10 PM	60.5	58.0	10:45 PM - 10:50 PM	50.8	46.2	01:25 AM - 01:30 AM	47.5	43.7
08:10 PM - 08:15 PM	60.4	57.8	10:50 PM - 10:55 PM	52.7	49.0	01:30 AM - 01:35 AM	45.5	43.4
08:15 PM - 08:20 PM	60.2	58.2	10:55 PM - 11:00 PM	52.3	47.4	01:35 AM - 01:40 AM	47.6	44.0
08:20 PM - 08:25 PM	60.6	58.5	11:00 PM - 11:05 PM	51.2	47.2	01:40 AM - 01:45 AM	47.3	42.0
08:25 PM - 08:30 PM	60.3	56.9	11:05 PM - 11:10 PM	54.4	47.5	01:45 AM - 01:50 AM	43.9	40.1
08:30 PM - 08:35 PM	60.5	58.3	11:10 PM - 11:15 PM	51.0	46.8	01:50 AM - 01:55 AM	48.2	42.4
08:35 PM - 08:40 PM	60.7	58.7	11:15 PM - 11:20 PM	50.3	47.4	01:55 AM - 02:00 AM	54.7	43.9
08:40 PM - 08:45 PM	60.7	58.1	11:20 PM - 11:25 PM	50.3	46.7	02:00 AM - 02:05 AM	46.5	43.4
08:45 PM - 08:50 PM	56.5	50.3	11:25 PM - 11:30 PM	49.1	46.1	02:05 AM - 02:10 AM	48.2	43.9
08:50 PM - 08:55 PM	56.9	53.8	11:30 PM - 11:35 PM	49.5	45.5	02:10 AM - 02:15 AM	48.0	43.9
08:55 PM - 09:00 PM	57.5	53.5	11:35 PM - 11:40 PM	48.6	45.9	02:15 AM - 02:20 AM	50.0	43.9
09:00 PM - 09:05 PM	55.6	49.3	11:40 PM - 11:45 PM	48.5	44.5	02:20 AM - 02:25 AM	49.0	42.1
09:05 PM - 09:10 PM	55.9	48.4	11:45 PM - 11:50 PM	49.0	44.4	02:25 AM - 02:30 AM	45.6	43.5
09:10 PM - 09:15 PM	52.6	47.5	11:50 PM - 11:55 PM	48.4	43.2	02:30 AM - 02:35 AM	45.0	43.2
09:15 PM - 09:20 PM	52.7	48.0	11:55 PM - 12:00 AM	51.3	45.2	02:35 AM - 02:40 AM	49.6	44.0
09:20 PM - 09:25 PM	60.7	47.3	12:00 AM - 12:05 AM	51.3	44.8	02:40 AM - 02:45 AM	46.2	44.2
09:25 PM - 09:30 PM	52.9	47.5	12:05 AM - 12:10 AM	49.2	45.2	02:45 AM - 02:50 AM	46.1	43.3
09:30 PM - 09:35 PM	50.4	46.5	12:10 AM - 12:15 AM	49.8	44.8	02:50 AM - 02:55 AM	49.0	43.3
09:35 PM - 09:40 PM	54.1	46.7	12:15 AM - 12:20 AM	49.8	44.9	02:55 AM - 03:00 AM	44.4	41.5

The above results are valid only for the analyzed/checked samples as indicated in this report. No part of this report or any data in it is to be reproduced or any form without written consent from the Laboratory, A.S. Laboratory Group (Thailand). Strongly recommended that this report is not reproduced except in full.

Approved by

Saranyut Jitranont
Assistant General Manager

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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : สัญญาจ้าง

Project Name : Project AIE Rayong

Project Location :

Lot ID: 22133616

Date Received : Dec 06, 2022

Date Reported : Dec 15, 2022

Report Number : 2512774-1

Sample Number : 22133616-6
Parameter : Noise Level (Leq 5 min)
Location : N1 (สนามฟุตบอลหญ้า) (GPS 47P 0726474,1407389)
Measurement Date : Dec 01 - Dec 02, 2022
Measurement by : Santi Chaichana
Sound Level meter : Serial No. 00572561

Page 3 of 3

Dec 02, 2022	Leq	L90	Dec 02, 2022	Leq	L90	Dec 02, 2022	Leq	L90
Time	dB(A)	dB(A)	Time	dB(A)	dB(A)	Time	dB(A)	dB(A)
03:00 AM - 03:05 AM	47.1	41.6	05:40 AM - 05:45 AM	59.2	50.8	08:20 AM - 08:25 AM	56.8	52.0
03:05 AM - 03:10 AM	47.3	43.6	05:45 AM - 05:50 AM	54.4	50.8	08:25 AM - 08:30 AM	56.2	52.9
03:10 AM - 03:15 AM	46.1	43.0	05:50 AM - 05:55 AM	56.1	52.2	08:30 AM - 08:35 AM	58.3	51.7
03:15 AM - 03:20 AM	48.1	42.7	05:55 AM - 06:00 AM	57.3	52.0	08:35 AM - 08:40 AM	54.0	48.7
03:20 AM - 03:25 AM	51.1	44.9	06:00 AM - 06:05 AM	59.7	54.9	08:40 AM - 08:45 AM	58.3	50.7
03:25 AM - 03:30 AM	47.0	44.2	06:05 AM - 06:10 AM	58.2	54.0	08:45 AM - 08:50 AM	60.3	55.2
03:30 AM - 03:35 AM	46.1	44.4	06:10 AM - 06:15 AM	55.7	50.0	08:50 AM - 08:55 AM	56.7	53.8
03:35 AM - 03:40 AM	47.0	43.5	06:15 AM - 06:20 AM	56.1	53.0	08:55 AM - 09:00 AM	58.5	55.5
03:40 AM - 03:45 AM	48.1	43.7	06:20 AM - 06:25 AM	54.9	50.0	09:00 AM - 09:05 AM	56.1	49.7
03:45 AM - 03:50 AM	47.1	43.1	06:25 AM - 06:30 AM	56.7	53.3	09:05 AM - 09:10 AM	56.5	53.7
03:50 AM - 03:55 AM	47.1	42.0	06:30 AM - 06:35 AM	57.5	53.7	09:10 AM - 09:15 AM	56.9	54.7
03:55 AM - 04:00 AM	55.1	42.6	06:35 AM - 06:40 AM	56.1	53.0	09:15 AM - 09:20 AM	56.7	52.0
04:00 AM - 04:05 AM	51.6	43.4	06:40 AM - 06:45 AM	57.7	54.0	09:20 AM - 09:25 AM	54.2	49.2
04:05 AM - 04:10 AM	45.7	41.9	06:45 AM - 06:50 AM	57.0	54.1	09:25 AM - 09:30 AM	56.3	52.4
04:10 AM - 04:15 AM	49.9	43.7	06:50 AM - 06:55 AM	65.1	54.6	09:30 AM - 09:35 AM	57.0	53.8
04:15 AM - 04:20 AM	47.9	44.2	06:55 AM - 07:00 AM	58.4	55.2	09:35 AM - 09:40 AM	56.8	53.2
04:20 AM - 04:25 AM	49.0	44.1	07:00 AM - 07:05 AM	57.8	55.3	09:40 AM - 09:45 AM	55.3	50.2
04:25 AM - 04:30 AM	48.3	44.2	07:05 AM - 07:10 AM	64.1	56.7	09:45 AM - 09:50 AM	53.7	49.6
04:30 AM - 04:35 AM	49.3	44.5	07:10 AM - 07:15 AM	56.9	54.7	09:50 AM - 09:55 AM	53.9	50.3
04:35 AM - 04:40 AM	52.4	45.2	07:15 AM - 07:20 AM	57.6	52.0	09:55 AM - 10:00 AM	54.1	49.2
04:40 AM - 04:45 AM	51.8	47.5	07:20 AM - 07:25 AM	63.8	55.5	10:00 AM - 10:05 AM	56.0	50.7
04:45 AM - 04:50 AM	50.0	46.9	07:25 AM - 07:30 AM	66.0	55.6	10:05 AM - 10:10 AM	56.3	52.4
04:50 AM - 04:55 AM	51.5	47.8	07:30 AM - 07:35 AM	57.0	53.1	10:10 AM - 10:15 AM	55.2	51.8
04:55 AM - 05:00 AM	52.1	48.8	07:35 AM - 07:40 AM	57.9	53.5	10:15 AM - 10:20 AM	54.9	47.3
05:00 AM - 05:05 AM	50.8	48.0	07:40 AM - 07:45 AM	57.6	54.2	10:20 AM - 10:25 AM	52.7	46.0
05:05 AM - 05:10 AM	51.5	48.3	07:45 AM - 07:50 AM	58.0	53.5	10:25 AM - 10:30 AM	52.4	46.8
05:10 AM - 05:15 AM	51.5	48.3	07:50 AM - 07:55 AM	59.0	53.3	10:30 AM - 10:35 AM	53.0	47.7
05:15 AM - 05:20 AM	52.6	49.4	07:55 AM - 08:00 AM	56.3	53.3	10:35 AM - 10:40 AM	53.3	48.8
05:20 AM - 05:25 AM	53.8	49.3	08:00 AM - 08:05 AM	58.0	54.7	10:40 AM - 10:45 AM	53.3	49.8
05:25 AM - 05:30 AM	51.1	49.3	08:05 AM - 08:10 AM	58.2	53.6	10:45 AM - 10:50 AM	53.7	46.7
05:30 AM - 05:35 AM	52.1	49.3	08:10 AM - 08:15 AM	58.4	55.5	10:50 AM - 10:55 AM	54.7	46.0
05:35 AM - 05:40 AM	53.8	50.0	08:15 AM - 08:20 AM	57.5	53.8	10:55 AM - 11:00 AM	55.4	50.5

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Approved by

Saranyut Jitranont
Assistant General Manager

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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : สัญญาจ้าง

Project Name : Project AIE Rayong

Project Location :

Lot ID: 22133616

Date Received : Dec 06, 2022

Date Reported : Dec 15, 2022

Report Number : 2512775-1

Sample Number : 22133616-7
Parameter : Noise Level (Leq 5 min)
Location : N1 (สนามฟุตบอลหญ้า) (GPS 47P 0726474,1407389)
Measurement Date : Dec 02 - Dec 03, 2022
Measurement by : Santi Chaichana
Sound Level meter : Serial No. 00572561

Page 2 of 3

Dec 02, 2022	Leq	L90	Dec 02, 2022	Leq	L90	Dec 02, 2022	Leq	L90
Time	dB(A)	dB(A)	Time	dB(A)	dB(A)	Time	dB(A)	dB(A)
11:00 AM - 11:05 AM	53.8	47.5	01:40 PM - 01:45 PM	52.1	45.1	04:20 PM - 04:25 PM	54.3	46.6
11:05 AM - 11:10 AM	55.8	51.1	01:45 PM - 01:50 PM	51.3	42.0	04:25 PM - 04:30 PM	55.8	47.1
11:10 AM - 11:15 AM	55.0	49.2	01:50 PM - 01:55 PM	51.1	46.3	04:30 PM - 04:35 PM	53.6	47.2
11:15 AM - 11:20 AM	53.4	48.5	01:55 PM - 02:00 PM	52.4	44.6	04:35 PM - 04:40 PM	52.4	44.8
11:20 AM - 11:25 AM	55.3	48.4	02:00 PM - 02:05 PM	51.7	44.7	04:40 PM - 04:45 PM	52.4	48.1
11:25 AM - 11:30 AM	54.2	48.4	02:05 PM - 02:10 PM	52.7	43.1	04:45 PM - 04:50 PM	56.2	48.1
11:30 AM - 11:35 AM	54.5	49.9	02:10 PM - 02:15 PM	61.3	49.1	04:50 PM - 04:55 PM	55.3	48.7
11:35 AM - 11:40 AM	56.4	46.7	02:15 PM - 02:20 PM	60.5	48.7	04:55 PM - 05:00 PM	57.3	49.8
11:40 AM - 11:45 AM	54.2	49.8	02:20 PM - 02:25 PM	51.4	46.5	05:00 PM - 05:05 PM	55.4	50.6
11:45 AM - 11:50 AM	53.6	47.4	02:25 PM - 02:30 PM	52.4	48.2	05:05 PM - 05:10 PM	56.2	51.8
11:50 AM - 11:55 AM	52.1	48.4	02:30 PM - 02:35 PM	53.4	46.9	05:10 PM - 05:15 PM	56.4	49.8
11:55 AM - 12:00 PM	55.5	50.3	02:35 PM - 02:40 PM	52.2	46.6	05:15 PM - 05:20 PM	56.3	50.9
12:00 PM - 12:05 PM	54.8	49.1	02:40 PM - 02:45 PM	54.3	46.9	05:20 PM - 05:25 PM	60.1	50.4
12:05 PM - 12:10 PM	53.9	49.5	02:45 PM - 02:50 PM	51.2	46.3	05:25 PM - 05:30 PM	56.9	52.2
12:10 PM - 12:15 PM	53.9	46.5	02:50 PM - 02:55 PM	54.1	46.9	05:30 PM - 05:35 PM	54.6	50.2
12:15 PM - 12:20 PM	57.6	49.3	02:55 PM - 03:00 PM	53.1	47.0	05:35 PM - 05:40 PM	58.6	51.



Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silm 3) Asia Sermj Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

Lot ID: 22133616
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report Number : 2512775-1

P/O : สิริคุณวิภา
Project Name : Project AIE Rayong
Project Location :

Page 3 of 3

Sample Number : 22133616-7
Parameter : Noise Level (Leq 5 min)
Location : N1 (หน้าห้องประชุม) (GPS 47P 0726474,1407389)
Measurement Date : Dec 02 - Dec 03, 2022
Measurement by : Santi Chaiachana
Sound Level meter : Serial No. 00572561

Dec 03, 2022	Leq	L90	Dec 03, 2022	Leq	L90
Time	dB(A)	dB(A)	Time	dB(A)	dB(A)
03:00 AM - 03:05 AM	45.3	42.9	05:40 AM - 05:45 AM	53.8	48.1
03:05 AM - 03:10 AM	46.9	43.5	05:45 AM - 05:50 AM	55.0	47.8
03:10 AM - 03:15 AM	49.3	43.2	05:50 AM - 05:55 AM	55.5	49.5
03:15 AM - 03:20 AM	47.1	43.5	05:55 AM - 06:00 AM	54.2	48.3
03:20 AM - 03:25 AM	48.8	42.9	06:00 AM - 06:05 AM	54.3	49.6
03:25 AM - 03:30 AM	50.1	42.9	06:05 AM - 06:10 AM	55.6	49.5
03:30 AM - 03:35 AM	44.3	41.3	06:10 AM - 06:15 AM	53.6	48.1
03:35 AM - 03:40 AM	47.5	42.1	06:15 AM - 06:20 AM	54.7	49.5
03:40 AM - 03:45 AM	46.0	42.6	06:20 AM - 06:25 AM	54.0	50.2
03:45 AM - 03:50 AM	45.9	42.4	06:25 AM - 06:30 AM	55.5	50.5
03:50 AM - 03:55 AM	45.4	42.0	06:30 AM - 06:35 AM	55.7	50.9
03:55 AM - 04:00 AM	47.4	43.7	06:35 AM - 06:40 AM	55.9	50.4
04:00 AM - 04:05 AM	47.2	44.2	06:40 AM - 06:45 AM	55.2	50.9
04:05 AM - 04:10 AM	47.1	42.8	06:45 AM - 06:50 AM	54.8	50.0
04:10 AM - 04:15 AM	47.2	43.2	06:50 AM - 06:55 AM	54.3	51.6
04:15 AM - 04:20 AM	47.8	43.3	06:55 AM - 07:00 AM	56.6	51.7
04:20 AM - 04:25 AM	50.1	43.3	07:00 AM - 07:05 AM	56.6	51.7
04:25 AM - 04:30 AM	48.1	42.3	07:05 AM - 07:10 AM	56.9	52.7
04:30 AM - 04:35 AM	44.6	41.7	07:10 AM - 07:15 AM	57.3	53.7
04:35 AM - 04:40 AM	47.1	42.5	07:15 AM - 07:20 AM	58.0	53.6
04:40 AM - 04:45 AM	48.6	43.2	07:20 AM - 07:25 AM	57.8	54.0
04:45 AM - 04:50 AM	56.0	44.3	07:25 AM - 07:30 AM	57.1	52.4
04:50 AM - 04:55 AM	51.7	45.3	07:30 AM - 07:35 AM	57.1	52.4
04:55 AM - 05:00 AM	51.4	44.3	07:35 AM - 07:40 AM	57.8	51.7
05:00 AM - 05:05 AM	47.9	43.7	07:40 AM - 07:45 AM	56.6	51.0
05:05 AM - 05:10 AM	49.9	44.5	07:45 AM - 07:50 AM	53.5	49.3
05:10 AM - 05:15 AM	49.3	45.5	07:50 AM - 07:55 AM	55.6	50.3
05:15 AM - 05:20 AM	48.8	44.9	07:55 AM - 08:00 AM	57.7	49.8
05:20 AM - 05:25 AM	50.1	45.9	08:00 AM - 08:05 AM	55.2	49.4
05:25 AM - 05:30 AM	51.6	47.4	08:05 AM - 08:10 AM	55.3	49.6
05:30 AM - 05:35 AM	53.6	47.1	08:10 AM - 08:15 AM	56.2	50.1
05:35 AM - 05:40 AM	50.5	46.2	08:15 AM - 08:20 AM	54.2	50.6



Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silm 3) Asia Sermj Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

Lot ID: 22133616
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report Number : 2512776-1

P/O : สิริคุณวิภา
Project Name : Project AIE Rayong
Project Location :

Page 1 of 3

Sample Number : 22133616-8
Parameter : Noise Level (Leq 5 min)
Location : N2 (หน้าห้องประชุม) (GPS 47P 0726181,1406270)
Measurement Date : Nov 26 - Nov 27, 2022
Measurement by : Santi Chaiachana
Sound Level meter : Serial No. 00734218

Nov 26, 2022	Leq	L90	Nov 26, 2022	Leq	L90	Nov 26, 2022	Leq	L90
Time	dB(A)	dB(A)	Time	dB(A)	dB(A)	Time	dB(A)	dB(A)
11:00 AM - 11:05 AM	58.9	52.7	01:40 PM - 01:45 PM	58.7	50.2	04:20 PM - 04:25 PM	58.9	48.9
11:05 AM - 11:10 AM	57.0	51.3	01:45 PM - 01:50 PM	58.3	51.0	04:25 PM - 04:30 PM	60.1	51.7
11:10 AM - 11:15 AM	60.3	52.6	01:50 PM - 01:55 PM	57.3	49.9	04:30 PM - 04:35 PM	60.1	52.9
11:15 AM - 11:20 AM	57.5	51.0	01:55 PM - 02:00 PM	59.6	49.4	04:35 PM - 04:40 PM	61.5	51.6
11:20 AM - 11:25 AM	58.9	53.2	02:00 PM - 02:05 PM	62.0	49.7	04:40 PM - 04:45 PM	59.4	51.9
11:25 AM - 11:30 AM	58.6	50.4	02:05 PM - 02:10 PM	57.4	48.4	04:45 PM - 04:50 PM	59.9	51.9
11:30 AM - 11:35 AM	57.4	49.1	02:10 PM - 02:15 PM	58.8	48.9	04:50 PM - 04:55 PM	60.3	53.0
11:35 AM - 11:40 AM	59.2	50.4	02:15 PM - 02:20 PM	57.0	47.7	04:55 PM - 05:00 PM	62.3	55.2
11:40 AM - 11:45 AM	59.5	53.8	02:20 PM - 02:25 PM	59.4	49.2	05:00 PM - 05:05 PM	59.4	53.2
11:45 AM - 11:50 AM	57.7	49.8	02:25 PM - 02:30 PM	62.9	49.5	05:05 PM - 05:10 PM	60.5	53.9
11:50 AM - 11:55 AM	58.7	49.9	02:30 PM - 02:35 PM	55.9	47.6	05:10 PM - 05:15 PM	62.8	54.8
11:55 AM - 12:00 PM	58.8	52.2	02:35 PM - 02:40 PM	56.4	49.0	05:15 PM - 05:20 PM	62.4	52.6
12:00 PM - 12:05 PM	62.2	52.0	02:40 PM - 02:45 PM	56.9	48.9	05:20 PM - 05:25 PM	61.0	51.5
12:05 PM - 12:10 PM	58.1	51.0	02:45 PM - 02:50 PM	58.8	50.2	05:25 PM - 05:30 PM	59.9	50.7
12:10 PM - 12:15 PM	58.2	52.2	02:50 PM - 02:55 PM	59.4	50.7	05:30 PM - 05:35 PM	61.7	52.6
12:15 PM - 12:20 PM	57.6	51.6	02:55 PM - 03:00 PM	59.8	53.6	05:35 PM - 05:40 PM	59.5	52.6
12:20 PM - 12:25 PM	57.9	51.3	03:00 PM - 03:05 PM	59.5	53.3	05:40 PM - 05:45 PM	61.6	53.9
12:25 PM - 12:30 PM	60.6	52.0	03:05 PM - 03:10 PM	58.4	51.2	05:45 PM - 05:50 PM	58.1	48.7
12:30 PM - 12:35 PM	58.3	51.0	03:10 PM - 03:15 PM	59.2	50.6	05:50 PM - 05:55 PM	59.9	50.4
12:35 PM - 12:40 PM	57.8	51.7	03:15 PM - 03:20 PM	62.5	51.5	05:55 PM - 06:00 PM	59.5	51.7
12:40 PM - 12:45 PM	65.6	61.2	03:20 PM - 03:25 PM	60.0	48.8	06:00 PM - 06:05 PM	59.2	52.1
12:45 PM - 12:50 PM	64.5	60.9	03:25 PM - 03:30 PM	60.0	48.6	06:05 PM - 06:10 PM	59.8	53.2
12:50 PM - 01:00 PM	63.7	52.3	03:30 PM - 03:35 PM	62.5	50.1	06:10 PM - 06:15 PM	58.8	51.2
01:00 PM - 01:05 PM	58.4	50.8	03:35 PM - 03:40 PM	57.8	50.7	06:15 PM - 06:20 PM	60.8	52.4
01:05 PM - 01:10 PM	59.2	53.1	03:40 PM - 03:45 PM	62.0	49.9	06:20 PM - 06:25 PM	63.7	53.7
01:10 PM - 01:15 PM	60.1	51.8	03:45 PM - 03:50 PM	58.6	46.8	06:25 PM - 06:30 PM	58.6	51.2
01:15 PM - 01:20 PM	59.9	51.4	03:50 PM - 03:55 PM	59.5	48.6	06:30 PM - 06:35 PM	60.5	52.4
01:20 PM - 01:25 PM	58.9	51.2	03:55 PM - 04:00 PM	59.8	48.6	06:35 PM - 06:40 PM	62.5	49.4
01:25 PM - 01:30 PM	58.0	51.3	04:00 PM - 04:05 PM	65.3	50.3	06:40 PM - 06:45 PM	57.2	46.1
01:30 PM - 01:35 PM	58.6	51.3	04:05 PM - 04:10 PM	61.5	50.9	06:45 PM - 06:50 PM	60.1	49.4
01:35 PM - 01:40 PM	58.0	50.3	04:10 PM - 04:15 PM	60.7	49.2	06:50 PM - 06:55 PM	62.0	47.4
			04:15 PM - 04:20 PM	58.3	47.7	06:55 PM - 07:00 PM	57.8	48.2

Approved by : Sarayuth Jitrantont
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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silm 3) Asia Sermj Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

Lot ID: 22133616
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report Number : 2512776-1

P/O : สิริคุณวิภา
Project Name : Project AIE Rayong
Project Location :

Page 2 of 3

Sample Number : 22133616-8
Parameter : Noise Level (Leq 5 min)
Location : N2 (หน้าห้องประชุม) (GPS 47P 0726181,1406270)
Measurement Date : Nov 26 - Nov 27, 2022
Measurement by : Santi Chaiachana
Sound Level meter : Serial No. 00734218

Nov 26, 2022	Leq	L90	Nov 26 - Nov 27, 2022	Leq	L90	Nov 27, 2022	Leq	L90
Time	dB(A)	dB(A)	Time	dB(A)	dB(A)	Time	dB(A)	dB(A)
07:00 PM - 07:05 PM	58.5	45.1	09:40 PM - 09:45 PM	54.6	43.4	12:20 AM - 12:25 AM	54.6	42.7
07:05 PM - 07:10 PM	56.9	49.3	09:45 PM - 09:50 PM	56.8	45.5	12:25 AM - 12:30 AM	54.9	42.7
07:10 PM - 07:15 PM	59.8	52.4	09:50 PM - 09:55 PM	57.0	43.5	12:30 AM - 12:35 AM	50.2	42.4
07:15 PM - 07:20 PM	57.2	49.5	09:55 PM - 10:00 PM	55.3	44.9	12:35 AM - 12:40 AM	51.5	42.7
07:20 PM - 07:25 PM	57.2	50.3	10:00 PM - 10:05 PM	57.2	43.6	12:40 AM - 12:45 AM	48.7	43.1
07:25 PM - 07:30 PM	58.9	49.7	10:05 PM - 10:10 PM	54.5	44.8	12:45 AM - 12:50 AM	51.9	43.0
07:30 PM - 07:35 PM	57.8	48.9	10:10 PM - 10:15 PM	56.8	45.0	12:50 AM - 12:55 AM	52.1	43.7
07:35 PM - 07:40 PM	56.1	47.8	10:15 PM - 10:20 PM	58.3	45.2	12:55 AM - 01:00 AM	52.1	43.7
07:40 PM - 07:45 PM	56.9	47.1	10:20 PM - 10:25 PM	57.6	45.0	01:00 AM - 01:05 AM	49.0	42.8
07:45 PM - 07:50 PM	57.5	47.4	10:25 PM - 10:30 PM	61.1	43.2	01:05 AM - 01:10 AM	48.6	43.6
07:50 PM - 07:55 PM	56.4	47.5	10:30 PM - 10:35 PM	58.8	44.4	01:10 AM - 01:15 AM	51.5	44.1
07:55 PM - 08:00 PM	58.5	48.2	10:35 PM - 10:40 PM	53.2	42.0	01:15 AM - 01:20 AM	51.8	44.7
08:00 PM - 08:05 PM	57.4	49.6	10:40 PM - 10:45 PM	63.3	42.5	01:20 AM - 01:25 AM	54.3	44.5
08:05 PM - 08:10 PM	56.6	49.7	10:45 PM - 10:50 PM	55.2	42.8	01:25 AM - 01:30 AM	57.1	42.7
08:10 PM - 08:15 PM	57.4	46.7	10:50 PM - 10:55 PM	53.4	43.2	01:30 AM - 01:35 AM	52.3	43.1
08:15 PM - 08:20 PM	56.9	45.6	10:55 PM - 11:00 PM	53.8	43.1	01:35 AM - 01:40 AM	48.1	44.3
08:20 PM - 08:25 PM	58.0	46.8	11:00 PM - 11:05 PM	57.0	42.6	01:40 AM - 01:45 AM	54.9	44.7
08:25 PM - 08:30 PM	55.3	44.9	11:05 PM - 11:10 PM	57.0	42.6	01:45 AM - 01:50 AM	50.1	44.3
08:30 PM - 08:35 PM	59.4	47.1	11:10 PM - 11:15 PM	54.4	43.4	01:50 AM - 01:55 AM	50.2	44.3
08:35 PM - 08:40 PM	54.2	46.2	11:15 PM - 11:20 PM	57.1	43.0	01:55 AM - 02:00 AM	52.3	44.4
08:40 PM - 08:45 PM	53.4	45.8	11:20 PM - 11:25 PM	58.8	42.6	02:00 AM - 02:05 AM	52.6	45.0
08:45 PM - 08:50 PM	56.4	46.2	11:25 PM - 11:30 PM	53.9	42.7	02:05 AM - 02:10 AM	49.8	48.8
08:50 PM - 08:55 PM	54.0	44.8	11:30 PM - 11:35 PM	48.0	42.2	02:10 AM - 02:15 AM	51.0	45.2
08:55 PM - 09:00 PM	53.7	46.4	11:35 PM - 11:40 PM	51.5	42.2	02:15 AM - 02:20 AM	51.0	45.5
09:00 PM - 09:05 PM	55.6	45.2	11:40 PM - 11:45 PM	51.5	42.1	02:20 AM - 02:25 AM	54.3	45.4
09:05 PM - 09:10 PM	56.4	47.5	11:45 PM - 11:50 PM	50.5	41.4	02:25 AM - 02:30 AM	46.6	45.0
09:10 PM - 09:15 PM	55.9	45.2	11:50 PM - 11:55 PM	48.3	41.9	02:30 AM - 02:35 AM	50.5	44.2
09:15 PM - 09:20 PM	55.4	45.3	11:55 PM - 12:00 AM	48.8	41.5	02:35 AM - 02:40 AM	49.9	44.3
09:20 PM - 09:25 PM	56.9	45.9	12:00 AM - 12:05 AM	56.4	42.8	02:40 AM - 02:45 AM	52.7	44.4
09:25 PM - 09:30 PM	53.5	44.7	12:05 AM - 12:10 AM	56.3	42.2	02:45 AM - 02:50 AM	53.3	44.1
09:30 PM - 09:35 PM	56.3	45.6	12:10 AM - 12:15 AM	52.2	42.1	02:50 AM - 02:55 AM	46.2	43.9
09:35 PM - 09:40 PM	54.0	42.7	12:15 AM - 12:20 AM	51.1	42.4	02:55 AM - 03:00 AM	47.9	43.4

Approved by : Sarayuth Jitrantont
Assistant General Manager



Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silm 3) Asia Sermj Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

Lot ID: 22133616
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report Number : 2512776-1



Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Silm 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : สัญญา

Project Name : Project AIE Rayong

Project Location :

Lot ID: 22133616

Date Received : Dec 06, 2022

Date Reported : Dec 15, 2022

Report Number : 2512777-1

Page 1 of 3

Sample Number : 22133616-9
Parameter : Noise Level (Leq 5 min)
Location : N2 (หน้าห้องรับแขก) (GPS 47P 0726181,1406270)
Measurement Date : Nov 27 - Nov 28, 2022
Measurement by : Santi Chaichana
Sound Level meter : Serial No. 00734218

Nov 27, 2022	Leq	L90	Nov 27, 2022	Leq	L90	Nov 27, 2022	Leq	L90
Time	dB(A)	dB(A)	Time	dB(A)	dB(A)	Time	dB(A)	dB(A)
11:00 AM - 11:05 AM	59.3	48.1	01:40 PM - 01:45 PM	57.8	46.2	04:20 PM - 04:25 PM	56.8	47.9
11:05 AM - 11:10 AM	56.7	48.4	01:45 PM - 01:50 PM	59.3	48.8	04:25 PM - 04:30 PM	59.7	47.1
11:10 AM - 11:15 AM	59.5	50.2	01:50 PM - 01:55 PM	60.6	48.5	04:30 PM - 04:35 PM	58.1	49.2
11:15 AM - 11:20 AM	57.7	46.2	01:55 PM - 02:00 PM	57.2	47.1	04:35 PM - 04:40 PM	55.4	46.1
11:20 AM - 11:25 AM	57.4	48.8	02:00 PM - 02:05 PM	55.9	44.4	04:40 PM - 04:45 PM	58.7	50.3
11:25 AM - 11:30 AM	58.7	48.4	02:05 PM - 02:10 PM	58.3	47.9	04:45 PM - 04:50 PM	59.9	52.6
11:30 AM - 11:35 AM	58.2	47.3	02:10 PM - 02:15 PM	62.6	46.5	04:50 PM - 04:55 PM	59.7	53.3
11:35 AM - 11:40 AM	57.3	47.3	02:15 PM - 02:20 PM	56.0	46.5	04:55 PM - 05:00 PM	60.4	53.7
11:40 AM - 11:45 AM	60.5	49.3	02:20 PM - 02:25 PM	57.1	45.9	05:00 PM - 05:05 PM	59.7	54.4
11:45 AM - 11:50 AM	58.5	47.1	02:25 PM - 02:30 PM	57.7	45.8	05:05 PM - 05:10 PM	62.5	53.3
11:50 AM - 11:55 AM	58.4	49.6	02:30 PM - 02:35 PM	55.3	43.8	05:10 PM - 05:15 PM	58.7	51.0
11:55 AM - 12:00 PM	60.9	50.7	02:35 PM - 02:40 PM	59.0	44.1	05:15 PM - 05:20 PM	59.6	50.2
12:00 PM - 12:05 PM	58.4	48.2	02:40 PM - 02:45 PM	56.8	45.0	05:20 PM - 05:25 PM	58.6	51.1
12:05 PM - 12:10 PM	58.7	50.6	02:45 PM - 02:50 PM	56.3	47.7	05:25 PM - 05:30 PM	57.9	50.1
12:10 PM - 12:15 PM	60.7	47.1	02:50 PM - 02:55 PM	57.6	46.8	05:30 PM - 05:35 PM	59.1	50.0
12:15 PM - 12:20 PM	60.4	48.9	02:55 PM - 03:00 PM	59.4	47.0	05:35 PM - 05:40 PM	59.6	51.7
12:20 PM - 12:25 PM	58.8	48.6	03:00 PM - 03:05 PM	58.7	48.3	05:40 PM - 05:45 PM	58.8	51.8
12:25 PM - 12:30 PM	60.8	53.8	03:05 PM - 03:10 PM	57.2	46.3	05:45 PM - 05:50 PM	58.5	53.1
12:30 PM - 12:35 PM	60.4	50.3	03:10 PM - 03:15 PM	56.8	45.5	05:50 PM - 05:55 PM	58.8	52.6
12:35 PM - 12:40 PM	58.8	50.5	03:15 PM - 03:20 PM	55.8	45.3	05:55 PM - 06:00 PM	60.8	54.7
12:40 PM - 12:45 PM	59.3	50.1	03:20 PM - 03:25 PM	60.5	49.9	06:00 PM - 06:05 PM	58.2	53.1
12:45 PM - 12:50 PM	59.7	51.1	03:25 PM - 03:30 PM	60.7	50.9	06:05 PM - 06:10 PM	57.9	53.0
12:50 PM - 12:55 PM	57.9	45.9	03:30 PM - 03:35 PM	62.6	51.1	06:10 PM - 06:15 PM	60.7	52.8
12:55 PM - 01:00 PM	59.9	46.5	03:35 PM - 03:40 PM	59.9	49.4	06:15 PM - 06:20 PM	58.0	52.6
01:00 PM - 01:05 PM	59.3	46.9	03:40 PM - 03:45 PM	59.4	48.1	06:20 PM - 06:25 PM	58.8	50.8
01:05 PM - 01:10 PM	60.9	49.9	03:45 PM - 03:50 PM	57.1	47.1	06:25 PM - 06:30 PM	59.4	52.2
01:10 PM - 01:15 PM	59.1	49.9	03:50 PM - 03:55 PM	58.4	49.5	06:30 PM - 06:35 PM	58.7	50.3
01:15 PM - 01:20 PM	59.7	47.9	03:55 PM - 04:00 PM	57.5	48.4	06:35 PM - 06:40 PM	59.6	50.7
01:20 PM - 01:25 PM	57.9	47.3	04:00 PM - 04:05 PM	57.5	48.2	06:40 PM - 06:45 PM	56.6	49.7
01:25 PM - 01:30 PM	57.1	49.7	04:05 PM - 04:10 PM	58.7	50.6	06:45 PM - 06:50 PM	58.5	51.9
01:30 PM - 01:35 PM	57.9	48.6	04:10 PM - 04:15 PM	57.9	49.6	06:50 PM - 06:55 PM	57.5	52.3
01:35 PM - 01:40 PM	58.2	46.0	04:15 PM - 04:20 PM	58.9	50.7	06:55 PM - 07:00 PM	59.6	52.5

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Approved by

Saranyut Jitranont
Assistant General Manager

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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Silm 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : สัญญา

Project Name : Project AIE Rayong

Project Location :

Lot ID: 22133616

Date Received : Dec 06, 2022

Date Reported : Dec 15, 2022

Report Number : 2512777-1

Page 3 of 3

Sample Number : 22133616-9
Parameter : Noise Level (Leq 5 min)
Location : N2 (หน้าห้องรับแขก) (GPS 47P 0726181,1406270)
Measurement Date : Nov 27 - Nov 28, 2022
Measurement by : Santi Chaichana
Sound Level meter : Serial No. 00734218

Nov 28, 2022	Leq	L90	Nov 28, 2022	Leq	L90	Nov 28, 2022	Leq	L90
Time	dB(A)	dB(A)	Time	dB(A)	dB(A)	Time	dB(A)	dB(A)
03:00 AM - 03:05 AM	47.4	45.0	05:40 AM - 05:45 AM	55.6	43.1	08:20 AM - 08:25 AM	57.7	46.8
03:05 AM - 03:10 AM	50.4	44.8	05:45 AM - 05:50 AM	56.2	46.4	08:25 AM - 08:30 AM	62.1	44.1
03:10 AM - 03:15 AM	45.7	45.0	05:50 AM - 05:55 AM	59.3	47.5	08:30 AM - 08:35 AM	57.9	48.1
03:15 AM - 03:20 AM	56.0	45.3	05:55 AM - 06:00 AM	58.7	45.9	08:35 AM - 08:40 AM	55.5	44.4
03:20 AM - 03:25 AM	50.8	44.8	06:00 AM - 06:05 AM	58.6	44.9	08:40 AM - 08:45 AM	55.4	45.6
03:25 AM - 03:30 AM	49.3	44.9	06:05 AM - 06:10 AM	57.7	45.8	08:45 AM - 08:50 AM	58.9	45.0
03:30 AM - 03:35 AM	49.0	45.5	06:10 AM - 06:15 AM	59.8	49.0	08:50 AM - 08:55 AM	55.9	47.0
03:35 AM - 03:40 AM	49.6	45.7	06:15 AM - 06:20 AM	59.1	46.1	08:55 AM - 09:00 AM	56.7	45.1
03:40 AM - 03:45 AM	45.6	44.8	06:20 AM - 06:25 AM	58.9	52.0	09:00 AM - 09:05 AM	55.8	48.1
03:45 AM - 03:50 AM	45.4	43.8	06:25 AM - 06:30 AM	61.6	52.7	09:05 AM - 09:10 AM	55.4	47.4
03:50 AM - 03:55 AM	47.6	42.8	06:30 AM - 06:35 AM	59.6	50.3	09:10 AM - 09:15 AM	56.8	47.3
03:55 AM - 04:00 AM	46.4	43.3	06:35 AM - 06:40 AM	61.1	51.5	09:15 AM - 09:20 AM	56.2	46.9
04:00 AM - 04:05 AM	56.1	44.6	06:40 AM - 06:45 AM	61.1	52.9	09:20 AM - 09:25 AM	60.1	47.6
04:05 AM - 04:10 AM	49.0	45.2	06:45 AM - 06:50 AM	64.3	52.8	09:25 AM - 09:30 AM	58.3	49.1
04:10 AM - 04:15 AM	47.7	44.2	06:50 AM - 06:55 AM	62.6	53.3	09:30 AM - 09:35 AM	56.1	47.1
04:15 AM - 04:20 AM	51.4	44.4	06:55 AM - 07:00 AM	63.1	54.9	09:35 AM - 09:40 AM	56.9	48.4
04:20 AM - 04:25 AM	52.3	43.3	07:00 AM - 07:05 AM	61.3	51.4	09:40 AM - 09:45 AM	58.1	49.5
04:25 AM - 04:30 AM	49.5	42.0	07:05 AM - 07:10 AM	61.6	51.7	09:45 AM - 09:50 AM	57.4	49.4
04:30 AM - 04:35 AM	47.6	41.9	07:10 AM - 07:15 AM	61.7	55.1	09:50 AM - 09:55 AM	57.5	49.8
04:35 AM - 04:40 AM	46.5	42.9	07:15 AM - 07:20 AM	60.9	55.3	09:55 AM - 10:00 AM	56.7	48.6
04:40 AM - 04:45 AM	46.6	42.3	07:20 AM - 07:25 AM	60.6	54.3	10:00 AM - 10:05 AM	56.2	48.6
04:45 AM - 04:50 AM	43.0	42.7	07:25 AM - 07:30 AM	62.6	54.1	10:05 AM - 10:10 AM	56.7	46.6
04:50 AM - 04:55 AM	53.0	41.7	07:30 AM - 07:35 AM	63.2	55.5	10:10 AM - 10:15 AM	57.5	44.8
04:55 AM - 05:00 AM	49.5	41.3	07:35 AM - 07:40 AM	62.4	53.3	10:15 AM - 10:20 AM	55.7	45.8
05:00 AM - 05:05 AM	42.7	40.7	07:40 AM - 07:45 AM	61.9	52.1	10:20 AM - 10:25 AM	56.6	45.2
05:05 AM - 05:10 AM	51.5	41.2	07:45 AM - 07:50 AM	61.7	53.3	10:25 AM - 10:30 AM	57.2	47.6
05:10 AM - 05:15 AM	51.1	41.2	07:50 AM - 07:55 AM	60.9	53.7	10:30 AM - 10:35 AM	55.6	47.5
05:15 AM - 05:20 AM	54.0	41.9	07:55 AM - 08:00 AM	60.9	53.0	10:35 AM - 10:40 AM	56.5	48.1
05:20 AM - 05:25 AM	53.8	41.2	08:00 AM - 08:05 AM	59.7	49.7	10:40 AM - 10:45 AM	55.7	46.1
05:25 AM - 05:30 AM	53.8	41.6	08:05 AM - 08:10 AM	59.4	50.1	10:45 AM - 10:50 AM	55.4	44.0
05:30 AM - 05:35 AM	56.9	41.6	08:10 AM - 08:15 AM	59.0	50.1	10:50 AM - 10:55 AM	55.1	46.0
05:35 AM - 05:40 AM	55.4	41.7	08:15 AM - 08:20 AM	57.0	45.3	10:55 AM - 11:00 AM	54.7	45.2

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Approved by

Saranyut Jitranont
Assistant General Manager

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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Silm 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : สัญญา

Project Name : Project AIE Rayong

Project Location :

Lot ID: 22133616

Date Received : Dec 06, 2022

Date Reported : Dec 15, 2022

Report Number : 2512777-1

Page 2 of 3

Sample Number : 22133616-9
Parameter : Noise Level (Leq 5 min)
Location : N2 (หน้าห้องรับแขก) (GPS 47P 0726181,1406270)
Measurement Date : Nov 27 - Nov 28, 2022
Measurement by : Santi Chaichana
Sound Level meter : Serial No. 00734218

Nov 27, 2022	Leq	L90	Nov 27 - Nov 28, 2022	Leq	L90	Nov 28, 2022	Leq	L90
	dB(A)	dB(A)		dB(A)	dB(A)	Time	dB(A)	dB(A)
07:00 PM - 07:05 PM	59.3	49.2	09:40 PM - 09:45 PM	54.5	47.6	12:20 AM - 12:25 AM	51.8	46.1
07:05 PM - 07:10 PM	59.3	50.0	09:45 PM - 09:50 PM	51.5	48.9	12:25 AM - 12:30 AM	52.2	45.6
07:10 PM - 07:15 PM	57.6	50.8	09:50 PM - 09:55 PM	51.8	48.1	12:30 AM - 12:35 AM	55.1	45.5
07:15 PM - 07:20 PM	59.2	50.3	09:55 PM - 10:00 PM	57.5	48.8	12:35 AM - 12:40 AM	51.3	46.0
07:20 PM - 07:25 PM	58.8	49.8	10:00 PM - 10:05 PM	57.9	49.1	12:40 AM - 12:45 AM	53.6	46.4
07:25 PM - 07:30 PM	56.8	50.7	10:05 PM - 10:10 PM	52.7	48.2	12:45 AM - 12:50 AM	49.3	45.7
07:30 PM - 07:35 PM	57.9	50.4	10:10 PM - 10:15 PM	52.3	47.4	12:50 AM - 12:55 AM	49.6	46.1
07:35 PM - 07:40 PM	55.4	47.4	10:15 PM - 10:20 PM	51.4	47.0	12:55 AM - 01:00 AM	48.5	45.3
07:40 PM - 07:45 PM	56.2	48.5	10:20 PM - 10:25 PM	50.9	46.6	01:00 AM - 01:05 AM	49.2	45.9
07:45 PM - 07:50 PM	57.8	49.8	10:25 PM - 10:30 PM	53.5	47.3	01:05 AM - 01:10 AM	51.9	46.1
07:50 PM - 07:55 PM	56.2	47.9	10:30 PM - 10:35 PM	57.8	49.7	01:10 AM - 01:15 AM	51.4	46.0
07:55 PM - 08:00 PM	56.3	49.0	10:35 PM - 10:40 PM	52.7	47.9	01:15 AM - 01:20 AM	52.5	46.3
08:00 PM - 08:05 PM	57.3	45.8	10:40 PM - 10:45 PM	51.8	47.8	01:20 AM - 01:25 AM	52.9	45.8
08:05 PM - 08:10 PM	56.2	46.0	10:45 PM - 10:50 PM	56.1	47.8	01:25 AM - 01:30 AM	46.5	45.5
08:10 PM - 08:15 PM	61.4	45.0	10:50 PM - 10:55 PM	53.7	48.4	01:30 AM - 01:35 AM	47.8	44.9
08:15 PM - 08:20 PM	54.5	45.5	10:55 PM - 11:00 PM	61.7	48.0	01:35 AM - 01:40 AM	45.6	44.8
08:20 PM - 08:25 PM	60.2	47.3	11:00 PM - 11:05 PM	52.3	48.5	01:40 AM - 01:45 AM	45.3	44.2
08:25 PM - 08:30 PM	56.6	46.5	11:05 PM - 11:10 PM	61.4	47.7	01:45 AM - 01:50 AM	51.0	44.3
08:30 PM - 08:35 PM	56.3	46.7	11:10 PM - 11:15 PM	54.7	47.7	01:50 AM - 01:55 AM	45.7	44.4
08:35 PM - 08:40 PM	55.9	47.2	11:15 PM - 11:20 PM	58.5	47.5	01:55 AM - 02:00 AM	45.4	44.8
08:40 PM - 08:45 PM	54.7	47.3	11:20 PM - 11:25 PM	55.7	46.9	02:00 AM - 02:05 AM	45.6	45.0
08:45 PM - 08:50 PM	54.8	46.1	11:25 PM - 11:30 PM	54.8	47.1	02:05 AM - 02:10 AM	50.4	45.2
08:50 PM - 08:55 PM	53.8	46.3	11:30 PM - 11:35 PM	55.1	47.5	02:10 AM - 02:15 AM	45.8	45.2
08:55 PM - 09:00 PM	57.3	47.6	11:35 PM - 11:40 PM	52.7	46.7	02:15 AM - 02:20 AM	47.4	45.5
09:00 PM - 09:05 PM	60.4	47.9	11:40 PM - 11:45 PM	52.5	46.7	02:20 AM - 02:25 AM	46.6	45.4
09:05 PM - 09:10 PM	55.2	47.0	11:45 PM - 11:50 PM	49.5	46.3	02:25 AM - 02:30 AM	48.7	45.6
09:10 PM - 09:15 PM	54.4	46.9	11:50 PM - 11:55 PM	50.5	47.2	02:30 AM - 02:35 AM	50.4	45.6
09:15 PM - 09:20 PM	53.4	46.3	11:55 PM - 12:00 AM	51.6	47.2	02:35 AM - 02:40 AM	56.3	45.7
09:20 PM - 09:25 PM	57.9	47.8	12:00 AM - 12:05 AM	53.9	47.2	02:40 AM - 02:45 AM	50.1	45.7
09:25 PM - 09:30 PM	53.4	46.6	12:05 AM - 12:10 AM	52.7	47.0	02:45 AM - 02:50 AM	50.1	45.7
09:30 PM - 09:35 PM	57.6	48.3	12:10 AM - 12:15 AM	52.5	46.7	02:50 AM - 02:55 AM	48.8	45.7
09:35 PM - 09:40 PM	58.7	48.0	12:15 AM - 12:20 AM	52.4	46.5	02:55 AM - 03:00 AM	52.6	45.4



Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silm 3) Asia Sermk Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

Lot ID: 22133616
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report Number : 2512778-1

P/O : สัญญาจ้าง
Project Name : Project AIE Rayong
Project Location :

Page 2 of 3

Sample Number 22133616-10
Parameter Noise Level (Leq 5 min)
Location N2 (หน้าบ้านชั้น 10) (GPS 47P 0726181, 1406270)
Measurement Date Nov 28 - Nov 29, 2022
Measurement by Santi Chaihana
Sound Level meter Serial No. 00734218

Nov 28, 2022		Nov 29, 2022		Nov 29, 2022		Nov 29, 2022	
Time	Leq dB(A)	Time	Leq dB(A)	Time	Leq dB(A)	Time	Leq dB(A)
07:00 PM - 07:05 PM	60.9	09:40 PM - 09:45 PM	55.1	12:20 AM - 12:25 AM	47.1	03:00 AM - 03:05 AM	51.7
07:05 PM - 07:10 PM	57.1	09:45 PM - 09:50 PM	55.7	12:25 AM - 12:30 AM	49.7	03:05 AM - 03:10 AM	47.2
07:10 PM - 07:15 PM	61.0	09:50 PM - 09:55 PM	54.7	12:30 AM - 12:35 AM	48.2	03:10 AM - 03:15 AM	50.9
07:15 PM - 07:20 PM	60.8	09:55 PM - 10:00 PM	55.1	12:35 AM - 12:40 AM	49.0	03:15 AM - 03:20 AM	50.3
07:20 PM - 07:25 PM	57.9	10:00 PM - 10:05 PM	55.3	12:40 AM - 12:45 AM	49.8	03:20 AM - 03:25 AM	48.5
07:25 PM - 07:30 PM	57.3	10:05 PM - 10:10 PM	55.5	12:45 AM - 12:50 AM	49.8	03:25 AM - 03:30 AM	48.5
07:30 PM - 07:35 PM	57.1	10:10 PM - 10:15 PM	56.5	12:50 AM - 12:55 AM	51.9	03:30 AM - 03:35 AM	46.5
07:35 PM - 07:40 PM	57.1	10:15 PM - 10:20 PM	52.8	12:55 AM - 01:00 AM	52.7	03:35 AM - 03:40 AM	48.5
07:40 PM - 07:45 PM	59.4	10:20 PM - 10:25 PM	54.6	01:00 AM - 01:05 AM	51.0	03:40 AM - 03:45 AM	50.3
07:45 PM - 07:50 PM	58.5	10:25 PM - 10:30 PM	50.7	01:05 AM - 01:10 AM	46.4	03:45 AM - 03:50 AM	45.5
07:50 PM - 07:55 PM	55.9	10:30 PM - 10:35 PM	51.3	01:10 AM - 01:15 AM	46.9	03:50 AM - 03:55 AM	50.7
07:55 PM - 08:00 PM	58.6	10:35 PM - 10:40 PM	51.5	01:15 AM - 01:20 AM	49.2	03:55 AM - 04:00 AM	47.9
08:00 PM - 08:05 PM	57.9	10:40 PM - 10:45 PM	54.1	01:20 AM - 01:25 AM	51.4	04:00 AM - 04:05 AM	48.5
08:05 PM - 08:10 PM	57.7	10:45 PM - 10:50 PM	51.8	01:25 AM - 01:30 AM	44.0	04:05 AM - 04:10 AM	49.5
08:10 PM - 08:15 PM	47.1	10:50 PM - 10:55 PM	50.7	01:30 AM - 01:35 AM	44.7	04:10 AM - 04:15 AM	49.7
08:15 PM - 08:20 PM	56.2	10:55 PM - 11:00 PM	58.3	01:35 AM - 01:40 AM	47.7	04:15 AM - 04:20 AM	48.1
08:20 PM - 08:25 PM	60.1	11:00 PM - 11:05 PM	54.6	01:40 AM - 01:45 AM	46.3	04:20 AM - 04:25 AM	50.6
08:25 PM - 08:30 PM	58.7	11:05 PM - 11:10 PM	54.5	01:45 AM - 01:50 AM	49.1	04:25 AM - 04:30 AM	48.4
08:30 PM - 08:35 PM	55.1	11:10 PM - 11:15 PM	49.9	01:50 AM - 01:55 AM	45.4	04:30 AM - 04:35 AM	52.2
08:35 PM - 08:40 PM	55.7	11:15 PM - 11:20 PM	52.6	01:55 AM - 02:00 AM	47.1	04:35 AM - 04:40 AM	48.8
08:40 PM - 08:45 PM	56.7	11:20 PM - 11:25 PM	51.5	02:00 AM - 02:05 AM	48.2	04:40 AM - 04:45 AM	54.9
08:45 PM - 08:50 PM	56.3	11:25 PM - 11:30 PM	55.5	02:05 AM - 02:10 AM	49.8	04:45 AM - 04:50 AM	52.8
08:50 PM - 08:55 PM	55.2	11:30 PM - 11:35 PM	54.7	02:10 AM - 02:15 AM	44.2	04:50 AM - 04:55 AM	54.1
08:55 PM - 09:00 PM	55.1	11:35 PM - 11:40 PM	46.7	02:15 AM - 02:20 AM	47.5	04:55 AM - 05:00 AM	52.0
09:00 PM - 09:05 PM	56.1	11:40 PM - 11:45 PM	45.8	02:20 AM - 02:25 AM	46.5	05:00 AM - 05:05 AM	46.8
09:05 PM - 09:10 PM	57.5	11:45 PM - 11:50 PM	52.8	02:25 AM - 02:30 AM	46.0	05:05 AM - 05:10 AM	48.3
09:10 PM - 09:15 PM	57.8	11:50 PM - 11:55 PM	49.5	02:30 AM - 02:35 AM	50.4	05:10 AM - 05:15 AM	51.5
09:15 PM - 09:20 PM	57.1	11:55 PM - 12:00 AM	47.0	02:35 AM - 02:40 AM	49.0	05:15 AM - 05:20 AM	51.1
09:20 PM - 09:25 PM	55.8	12:00 AM - 12:05 AM	48.8	02:40 AM - 02:45 AM	49.7	05:20 AM - 05:25 AM	51.9
09:25 PM - 09:30 PM	56.4	12:05 AM - 12:10 AM	48.1	02:45 AM - 02:50 AM	49.9	05:25 AM - 05:30 AM	52.0
09:30 PM - 09:35 PM	56.3	12:10 AM - 12:15 AM	50.1	02:50 AM - 02:55 AM	52.5	05:30 AM - 05:35 AM	54.3
09:35 PM - 09:40 PM	56.0	12:15 AM - 12:20 AM	52.2	02:55 AM - 03:00 AM	43.9	05:35 AM - 05:40 AM	53.2

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Approved by

Sarayu Jitranont
Assistant General Manager

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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silm 3) Asia Sermk Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

Lot ID: 22133616
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report Number : 2512779-1

P/O : สัญญาจ้าง
Project Name : Project AIE Rayong
Project Location :

Page 1 of 3

Sample Number 22133616-11
Parameter Noise Level (Leq 5 min)
Location N2 (หน้าบ้านชั้น 10) (GPS 47P 0726181, 1406270)
Measurement Date Nov 29 - Nov 30, 2022
Measurement by Santi Chaihana
Sound Level meter Serial No. 00734218

Nov 29, 2022		Nov 29, 2022		Nov 29, 2022		Nov 30, 2022	
Time	Leq dB(A)	Time	Leq dB(A)	Time	Leq dB(A)	Time	Leq dB(A)
11:00 AM - 11:05 AM	59.7	01:40 PM - 01:45 PM	55.7	04:20 PM - 04:25 PM	57.6	12:20 AM - 12:25 AM	47.4
11:05 AM - 11:10 AM	56.4	01:45 PM - 01:50 PM	55.7	04:25 PM - 04:30 PM	60.7	12:25 AM - 12:30 AM	49.0
11:10 AM - 11:15 AM	60.7	01:50 PM - 01:55 PM	57.4	04:30 PM - 04:35 PM	60.1	12:30 AM - 12:35 AM	46.3
11:15 AM - 11:20 AM	56.2	01:55 PM - 02:00 PM	56.9	04:35 PM - 04:40 PM	61.0	12:35 AM - 12:40 AM	47.9
11:20 AM - 11:25 AM	58.2	02:00 PM - 02:05 PM	56.5	04:40 PM - 04:45 PM	58.4	12:40 AM - 12:45 AM	48.7
11:25 AM - 11:30 AM	56.7	02:05 PM - 02:10 PM	53.6	04:45 PM - 04:50 PM	60.8	12:45 AM - 12:50 AM	54.2
11:30 AM - 11:35 AM	58.5	02:10 PM - 02:15 PM	53.2	04:50 PM - 04:55 PM	60.6	12:50 AM - 12:55 AM	50.8
11:35 AM - 11:40 AM	57.5	02:15 PM - 02:20 PM	56.8	04:55 PM - 05:00 PM	62.1	12:55 AM - 01:00 AM	45.6
11:40 AM - 11:45 AM	57.3	02:20 PM - 02:25 PM	55.8	05:00 PM - 05:05 PM	61.6	01:00 AM - 01:05 AM	51.2
11:45 AM - 11:50 AM	58.4	02:25 PM - 02:30 PM	58.9	05:05 PM - 05:10 PM	62.1	01:05 AM - 01:10 AM	50.4
11:50 AM - 11:55 AM	58.9	02:30 PM - 02:35 PM	58.4	05:10 PM - 05:15 PM	66.0	01:10 AM - 01:15 AM	48.9
11:55 AM - 12:00 PM	56.8	02:35 PM - 02:40 PM	54.0	05:15 PM - 05:20 PM	69.0	01:15 AM - 01:20 AM	40.9
12:00 PM - 12:05 PM	56.6	02:40 PM - 02:45 PM	58.6	05:20 PM - 05:25 PM	63.7	01:20 AM - 01:25 AM	41.8
12:05 PM - 12:10 PM	56.1	02:45 PM - 02:50 PM	57.9	05:25 PM - 05:30 PM	60.5	01:25 AM - 01:30 AM	46.4
12:10 PM - 12:15 PM	56.1	02:50 PM - 02:55 PM	56.9	05:30 PM - 05:35 PM	60.0	01:30 AM - 01:35 AM	46.5
12:15 PM - 12:20 PM	58.2	02:55 PM - 03:00 PM	57.0	05:35 PM - 05:40 PM	59.6	01:35 AM - 01:40 AM	53.3
12:20 PM - 12:25 PM	58.2	03:00 PM - 03:05 PM	56.3	05:40 PM - 05:45 PM	61.0	01:40 AM - 01:45 AM	45.4
12:25 PM - 12:30 PM	55.1	03:05 PM - 03:10 PM	55.5	05:45 PM - 05:50 PM	60.3	01:45 AM - 01:50 AM	52.1
12:30 PM - 12:35 PM	57.2	03:10 PM - 03:15 PM	56.1	05:50 PM - 05:55 PM	59.5	01:50 AM - 01:55 AM	40.9
12:35 PM - 12:40 PM	59.8	03:15 PM - 03:20 PM	57.2	05:55 PM - 06:00 PM	63.2	01:55 AM - 02:00 AM	48.8
12:40 PM - 12:45 PM	57.5	03:20 PM - 03:25 PM	55.5	06:00 PM - 06:05 PM	62.8	02:00 AM - 02:05 AM	49.3
12:45 PM - 12:50 PM	57.1	03:25 PM - 03:30 PM	56.0	06:05 PM - 06:10 PM	60.5	02:05 AM - 02:10 AM	41.6
12:50 PM - 12:55 PM	58.2	03:30 PM - 03:35 PM	57.2	06:10 PM - 06:15 PM	63.4	02:10 AM - 02:15 AM	47.6
12:55 PM - 01:00 PM	60.1	03:35 PM - 03:40 PM	59.6	06:15 PM - 06:20 PM	64.3	02:15 AM - 02:20 AM	41.3
01:00 PM - 01:05 PM	55.2	03:40 PM - 03:45 PM	57.1	06:20 PM - 06:25 PM	60.0	02:20 AM - 02:25 AM	49.3
01:05 PM - 01:10 PM	54.9	03:45 PM - 03:50 PM	57.0	06:25 PM - 06:30 PM	61.1	02:25 AM - 02:30 AM	47.9
01:10 PM - 01:15 PM	58.1	03:50 PM - 03:55 PM	57.6	06:30 PM - 06:35 PM	59.7	02:30 AM - 02:35 AM	41.6
01:15 PM - 01:20 PM	57.3	03:55 PM - 04:00 PM	59.4	06:35 PM - 06:40 PM	59.9	02:35 AM - 02:40 AM	48.9
01:20 PM - 01:25 PM	55.4	04:00 PM - 04:05 PM	64.0	06:40 PM - 06:45 PM	61.6	02:40 AM - 02:45 AM	39.4
01:25 PM - 01:30 PM	54.9	04:05 PM - 04:10 PM	58.2	06:45 PM - 06:50 PM	56.8	02:45 AM - 02:50 AM	44.8
01:30 PM - 01:35 PM	53.9	04:10 PM - 04:15 PM	58.5	06:50 PM - 06:55 PM	59.5	02:50 AM - 02:55 AM	39.4
01:35 PM - 01:40 PM	55.1	04:15 PM - 04:20 PM	58.0	06:55 PM - 07:00 PM	58.8	02:55 AM - 03:00 AM	39.3

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Approved by

Sarayu Jitranont
Assistant General Manager

ADDRESS 104 Phatthanakan 40, Phatthanakan Rd., Khwaeng Phatthanakan, Khet Suan Luang, Bangkok 10250 Thailand | PHONE +66 0 2760 3000 | FAX +66 0 2760 3197
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silm 3) Asia Sermk Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

Lot ID: 22133616
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report Number : 2512778-1

P/O : สัญญาจ้าง
Project Name : Project AIE Rayong
Project Location :

Page 3 of 3

Sample Number 22133616-10
Parameter Noise Level (Leq 5 min)
Location N2 (หน้าบ้านชั้น 10) (GPS 47P 0726181, 1406270)
Measurement Date Nov 28 - Nov 29, 2022
Measurement by Santi Chaihana
Sound Level meter Serial No. 00734218

Nov 29, 2022		L90		Nov 29, 2022		L90		Nov 29, 2022		L90	
Time	Leq dB(A)	Time	Leq dB(A)	Time	Leq dB(A)	Time	Leq dB(A)	Time	Leq dB(A)	Time	Leq dB(A)
03:00 AM - 03:05 AM	51.7	44.2	05:40 AM - 05:45 AM	54.7	42.3	08:20 AM - 08:25 AM	57.7	41.9			
03:05 AM - 03:10 AM	47.2	43.2	05:45 AM - 05:50 AM	54.8	45.1	08:25 AM - 08:30 AM	57.0	45.8			
03:10 AM - 03:15 AM	50.9	42.4	05:50 AM - 05:55 AM	55.6	48.3	08:30 AM - 08:35 AM	58.3	46.4			
03:15 AM - 03:20 AM	50.3	42.3	05:55 AM - 06:00 AM	57.8	46.00 AM	57.8	08:35 AM - 08:40 AM	56.7	42.9		
03:20 AM - 03:25 AM	48.5	45.2	06:00 AM - 06:05 AM	56.4	47.7	08:40 AM - 08:45 AM	56.2	47.3			
03:25 AM - 03:30 AM	48.8	45.5	06:05 AM - 06:10 AM	58.0	48.4	08:45 AM - 08:50 AM	60.6	47.4			
03:30 AM - 03:35 AM	46.5	42.4	06:10 AM - 06:15 AM	57.2	46.8	08:50 AM - 08:55 AM	60.8	48.6			
03:35 AM - 03:40 AM	48.5	43.0	06:15 AM - 06:20 AM	59.1	48.4	08:55 AM - 09:00 AM	56.3	44.9			
03:40 AM - 03:45 AM	50.3	41.7	06:20 AM - 06:25 AM	61.1	50.4	09:00 AM - 09:05 AM	57.7	46.1			
03:45 AM - 03:50 AM	45.5	41.4	06:25 AM - 06:30 AM	63.3	47.7	09:05 AM - 09:10 AM	56.3	46.9			
03:50 AM - 03:55 AM	50.7	42.3	06:30 AM - 06:35 AM	61.0	53.0	09:10 AM - 09:15 AM	54.7	45.0			
03:55 AM - 04:00 AM	47.9	43.5	06:35 AM - 06:40 AM	60.8	50.6	09:15 AM - 09:20 AM	58.1	48.0			
04:00 AM - 04:05 AM	48.6	44.0	06:40 AM - 06:45 AM	61.5	52.1	09:20 AM - 09:25 AM	57.2	47.1			
04:05 AM - 04:10 AM	49.5	44.8	06:45 AM - 06:50 AM	59.1	51.2	09:25 AM - 09:30 AM	56.7	48.5			
04:10 AM - 04:15 AM	49.7	44.5	06:50 AM - 06:55 AM	61.6	52.3	09:30 AM - 09:35 AM	56.6	48.7			
04:15 AM - 04:20 AM	48.1	43.7	06:55 AM - 07:00 AM	60.6	54.2	09:35 AM - 09:40 AM	57.8	49.6			
04:20 AM - 04:25 AM	50.6	44.0	07:00 AM - 07:05 AM	60.2	51.6	09:40 AM - 09:45 AM	64.0	47.5			
04:25 AM - 04:30 AM	48.4	45.9	07:05 AM - 07:10 AM	61.0	53.7	09:45 AM - 09:50 AM	56.3	45.3			
04:30 AM - 04:35 AM	52.2	46.2	07:10 AM - 07:15 AM	62.5	56.6	09:50 AM - 09:55 AM	55.3	46.1			
04:35 AM - 04:40 AM	48.8	45.5	07:15 AM - 07:20 AM	61.0	53.7	09:55 AM - 10:00 AM	55.6	46.4			
04:40 AM - 04:45 AM	54.9	45.0	07:20 AM - 07:25 AM	60.9	54.5	10:00 AM - 10:05 AM	55.7	43.9			
04:45 AM - 04:50 AM	52.5	44.3	07:25 AM - 07:30 AM	62.6	54.5	10:05 AM - 10:10 AM	59.1	48.8			
04:50 AM - 04:55 AM	54.1	45.1	07:30 AM - 07:35 AM	60.2	52.0	10:10 AM - 10:15 AM	55.6	48.0			
04:55 AM - 05:00 AM	52.0	44.9	07:35 AM - 07:40 AM	63.0	53.5	10:15 AM - 10:20 AM	59.1	47.8			
05:00 AM - 05:05 AM	46.8	45.2	07:40 AM - 07:45 AM	61.3	52.1	10:20 AM - 10:25 AM	54.9	46.8			
05:05 AM - 05:10 AM	48.3	44.2	07:45 AM - 07:50 AM	62.4	48.8	10:25 AM - 10:30 AM	58.1	45.5			
05:10 AM - 05:15 AM	51.5	43.1	07:50 AM - 07:55 AM	60.0	48.6	10:30 AM - 10:35 AM	57.2	46.2			
05:15 AM - 05:20 AM	51.1	42.5	07:55 AM - 08:00 AM	60.0	47.8	10:35 AM - 10:40 AM	56.7	46.2			
05:20 AM - 05:25 AM	51.9	42.0	08:00 AM - 08:05 AM	59.5	46.3	10:40 AM - 10:45 AM	56.0	44.8			
05:25 AM - 05:30 AM	52.0	42.3	08:05 AM - 08:10 AM	57.3	46.1	10:45 AM - 10:50 AM	57.0	48.3			
05:30 AM - 05:35 AM	54.3	42.8	08:10 AM - 08:15 AM	53.3	50.5	10:50 AM - 10:55 AM	54.3	44.9			
05:35 AM - 05:40 AM	53.2	43.9	08:15 AM - 08:20 AM	61.7	48.8	10:55 AM - 11:00 AM	55.9	46.7			



Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Silo 3) Asia Sermik Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : 8299999

Project Name : Project AIE Rayong

Project Location :

Lot ID: 22133616

Date Received : Dec 06, 2022

Date Reported : Dec 15, 2022

Report Number : 2512779-1

Page 3 of 3

Sample Number : 22133616-11
Parameter : Noise Level (Leq 5 min)
Location : N2 (หน้าห้องลิฟต์) (GPS 47P 0726181, 1406270)
Measurement Date : Nov 29 - Nov 30, 2022
Measurement by : Santi Chaichana
Sound Level meter : Serial No. 00734218

Nov 30, 2022			Nov 30, 2022			Nov 30, 2022		
Time	Leq dB(A)	L90 dB(A)	Time	Leq dB(A)	L90 dB(A)	Time	Leq dB(A)	L90 dB(A)
02:00 AM - 02:05 AM	49.5	39.1	05:40 AM - 05:45 AM	52.0	42.7	08:20 AM - 08:25 AM	62.6	53.3
02:05 AM - 02:10 AM	39.8	38.4	05:45 AM - 05:50 AM	54.9	43.2	08:25 AM - 08:30 AM	61.8	51.6
02:10 AM - 02:15 AM	45.4	39.2	05:50 AM - 05:55 AM	55.4	43.2	08:30 AM - 08:35 AM	59.2	49.8
02:15 AM - 02:20 AM	49.0	39.4	05:55 AM - 06:00 AM	56.5	43.5	08:35 AM - 08:40 AM	63.7	48.1
02:20 AM - 02:25 AM	41.6	39.3	06:00 AM - 06:05 AM	57.5	47.7	08:40 AM - 08:45 AM	61.9	43.2
02:25 AM - 02:30 AM	43.4	39.7	06:05 AM - 06:10 AM	57.4	46.4	08:45 AM - 08:50 AM	63.0	48.1
02:30 AM - 02:35 AM	47.2	39.7	06:10 AM - 06:15 AM	57.7	49.3	08:50 AM - 08:55 AM	58.6	47.3
02:35 AM - 02:40 AM	46.3	39.1	06:15 AM - 06:20 AM	58.3	50.5	08:55 AM - 09:00 AM	54.5	42.1
02:40 AM - 02:45 AM	42.6	38.9	06:20 AM - 06:25 AM	59.2	51.4	09:00 AM - 09:05 AM	56.5	45.5
02:45 AM - 02:50 AM	44.5	40.0	06:25 AM - 06:30 AM	61.2	50.3	09:05 AM - 09:10 AM	59.9	47.9
02:50 AM - 02:55 AM	50.0	39.8	06:30 AM - 06:35 AM	59.8	50.2	09:10 AM - 09:15 AM	57.1	46.0
02:55 AM - 03:00 AM	44.3	39.5	06:35 AM - 06:40 AM	65.8	52.8	09:15 AM - 09:20 AM	57.5	45.7
03:00 AM - 03:05 AM	51.2	39.0	06:40 AM - 06:45 AM	59.9	51.3	09:20 AM - 09:25 AM	59.2	49.0
03:05 AM - 03:10 AM	45.3	39.5	06:45 AM - 06:50 AM	59.7	52.6	09:25 AM - 09:30 AM	58.1	47.3
03:10 AM - 03:15 AM	47.6	39.6	06:50 AM - 06:55 AM	60.7	50.8	09:30 AM - 09:35 AM	54.3	45.5
03:15 AM - 03:20 AM	47.9	39.7	06:55 AM - 07:00 AM	60.6	52.4	09:35 AM - 09:40 AM	54.9	45.6
03:20 AM - 03:25 AM	52.7	39.8	07:00 AM - 07:05 AM	63.3	54.4	09:40 AM - 09:45 AM	56.6	45.8
03:25 AM - 03:30 AM	45.2	39.7	07:05 AM - 07:10 AM	61.2	55.0	09:45 AM - 09:50 AM	58.8	47.7
03:30 AM - 03:35 AM	51.4	39.9	07:10 AM - 07:15 AM	61.9	55.3	09:50 AM - 09:55 AM	58.9	48.1
03:35 AM - 03:40 AM	44.2	40.0	07:15 AM - 07:20 AM	61.6	54.9	09:55 AM - 10:00 AM	61.5	47.0
03:40 AM - 03:45 AM	42.4	40.5	07:20 AM - 07:25 AM	62.1	55.8	10:00 AM - 10:05 AM	57.0	46.1
03:45 AM - 03:50 AM	46.2	40.5	07:25 AM - 07:30 AM	60.5	53.8	10:05 AM - 10:10 AM	65.9	44.3
03:50 AM - 03:55 AM	52.9	38.7	07:30 AM - 07:35 AM	60.9	51.8	10:10 AM - 10:15 AM	57.1	42.8
03:55 AM - 04:00 AM	51.7	38.8	07:35 AM - 07:40 AM	60.3	51.4	10:15 AM - 10:20 AM	53.4	41.4
04:00 AM - 04:05 AM	50.4	38.8	07:40 AM - 07:45 AM	63.2	54.0	10:20 AM - 10:25 AM	56.4	43.1
04:05 AM - 04:10 AM	50.9	39.0	07:45 AM - 07:50 AM	62.6	52.7	10:25 AM - 10:30 AM	57.6	43.5
04:10 AM - 04:15 AM	51.3	38.9	07:50 AM - 07:55 AM	62.4	53.5	10:30 AM - 10:35 AM	57.0	48.2
04:15 AM - 04:20 AM	51.7	40.7	07:55 AM - 08:00 AM	61.0	53.4	10:35 AM - 10:40 AM	56.1	44.5
04:20 AM - 04:25 AM	54.8	39.6	08:00 AM - 08:05 AM	60.7	54.1	10:40 AM - 10:45 AM	61.0	46.4
04:25 AM - 04:30 AM	54.2	39.1	08:05 AM - 08:10 AM	61.4	53.7	10:45 AM - 10:50 AM	57.0	43.3
04:30 AM - 04:35 AM	53.8	38.2	08:10 AM - 08:15 AM	61.0	51.8	10:50 AM - 10:55 AM	59.1	46.3
04:35 AM - 04:40 AM	53.3	41.6	08:15 AM - 08:20 AM	61.0	53.2	10:55 AM - 11:00 AM	57.9	43.0

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Approved by

Saranyut Jitranont
Assistant General Manager

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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Silo 3) Asia Sermik Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : 8299999

Project Name : Project AIE Rayong

Project Location :

Lot ID: 22133616

Date Received : Dec 06, 2022

Date Reported : Dec 15, 2022

Report Number : 2512780-1

Page 2 of 3

Sample Number : 22133616-12
Parameter : Noise Level (Leq 5 min)
Location : N2 (หน้าห้องลิฟต์) (GPS 47P 0726181, 1406270)
Measurement Date : Nov 30 - Dec 01, 2022
Measurement by : Santi Chaichana
Sound Level meter : Serial No. 00734218

Nov 30, 2022			Nov 30 - Dec 01, 2022			Dec 01, 2022		
Time	Leq dB(A)	L90 dB(A)	Time	Leq dB(A)	L90 dB(A)	Time	Leq dB(A)	L90 dB(A)
07:00 PM - 07:05 PM	62.5	50.6	09:40 PM - 09:45 PM	54.6	44.4	12:20 AM - 12:25 AM	51.5	35.5
07:05 PM - 07:10 PM	58.8	51.3	09:45 PM - 09:50 PM	55.0	43.4	12:25 AM - 12:30 AM	47.2	35.8
07:10 PM - 07:15 PM	58.0	49.3	09:50 PM - 09:55 PM	55.2	42.8	12:30 AM - 12:35 AM	51.1	37.0
07:15 PM - 07:20 PM	61.2	52.3	09:55 PM - 10:00 PM	57.4	44.4	12:35 AM - 12:40 AM	50.4	36.3
07:20 PM - 07:25 PM	58.5	48.0	10:00 PM - 10:05 PM	57.3	44.1	12:40 AM - 12:45 AM	45.5	36.2
07:25 PM - 07:30 PM	57.8	46.4	10:05 PM - 10:10 PM	52.0	42.2	12:45 AM - 12:50 AM	49.0	35.8
07:30 PM - 07:35 PM	56.7	46.4	10:10 PM - 10:15 PM	51.8	42.1	12:50 AM - 12:55 AM	41.3	35.1
07:35 PM - 07:40 PM	57.2	44.5	10:15 PM - 10:20 PM	55.0	44.4	12:55 AM - 01:00 AM	43.1	34.7
07:40 PM - 07:45 PM	60.8	44.3	10:20 PM - 10:25 PM	52.4	43.4	01:00 AM - 01:05 AM	56.6	35.4
07:45 PM - 07:50 PM	61.1	46.8	10:25 PM - 10:30 PM	53.7	43.1	01:05 AM - 01:10 AM	47.6	35.0
07:50 PM - 07:55 PM	58.6	46.1	10:30 PM - 10:35 PM	55.2	42.2	01:10 AM - 01:15 AM	46.4	34.9
07:55 PM - 08:00 PM	55.2	40.8	10:35 PM - 10:40 PM	52.5	41.5	01:15 AM - 01:20 AM	41.2	35.0
08:00 PM - 08:05 PM	56.6	45.8	10:40 PM - 10:45 PM	53.0	40.7	01:20 AM - 01:25 AM	45.4	35.3
08:05 PM - 08:10 PM	61.7	49.9	10:45 PM - 10:50 PM	54.2	40.6	01:25 AM - 01:30 AM	45.8	35.3
08:10 PM - 08:15 PM	58.9	48.0	10:50 PM - 10:55 PM	51.2	40.2	01:30 AM - 01:35 AM	46.6	35.2
08:15 PM - 08:20 PM	57.7	46.2	10:55 PM - 11:00 PM	51.0	39.3	01:35 AM - 01:40 AM	45.0	34.3
08:20 PM - 08:25 PM	56.4	44.4	11:00 PM - 11:05 PM	52.2	37.8	01:40 AM - 01:45 AM	48.1	34.4
08:25 PM - 08:30 PM	56.8	45.2	11:05 PM - 11:10 PM	53.3	40.4	01:45 AM - 01:50 AM	40.3	34.1
08:30 PM - 08:35 PM	57.3	44.9	11:10 PM - 11:15 PM	53.3	40.2	01:50 AM - 01:55 AM	46.0	34.2
08:35 PM - 08:40 PM	54.5	43.7	11:15 PM - 11:20 PM	49.9	39.1	01:55 AM - 02:00 AM	54.4	34.5
08:40 PM - 08:45 PM	59.4	45.9	11:20 PM - 11:25 PM	52.0	38.7	02:00 AM - 02:05 AM	47.3	34.8
08:45 PM - 08:50 PM	57.5	42.6	11:25 PM - 11:30 PM	58.5	37.9	02:05 AM - 02:10 AM	51.0	34.5
08:50 PM - 08:55 PM	61.2	42.6	11:30 PM - 11:35 PM	57.7	38.4	02:10 AM - 02:15 AM	46.8	34.8
08:55 PM - 09:00 PM	62.3	45.1	11:35 PM - 11:40 PM	50.7	38.3	02:15 AM - 02:20 AM	53.2	34.5
09:00 PM - 09:05 PM	58.5	42.8	11:40 PM - 11:45 PM	56.8	38.3	02:20 AM - 02:25 AM	44.3	34.1
09:05 PM - 09:10 PM	56.5	42.5	11:45 PM - 11:50 PM	50.9	38.3	02:25 AM - 02:30 AM	46.8	34.1
09:10 PM - 09:15 PM	58.9	43.5	11:50 PM - 11:55 PM	57.9	36.5	02:30 AM - 02:35 AM	41.6	34.2
09:15 PM - 09:20 PM	56.5	41.2	11:55 PM - 12:00 AM	49.2	36.9	02:35 AM - 02:40 AM	44.6	34.2
09:20 PM - 09:25 PM	58.8	43.0	12:00 AM - 12:05 AM	61.1	39.0	02:40 AM - 02:45 AM	37.8	34.4
09:25 PM - 09:30 PM	61.5	43.9	12:05 AM - 12:10 AM	51.0	36.3	02:45 AM - 02:50 AM	37.8	34.4
09:30 PM - 09:35 PM	53.3	42.6	12:10 AM - 12:15 AM	48.4	36.1	02:50 AM - 02:55 AM	50.6	34.7
09:35 PM - 09:40 PM	53.1	42.9	12:15 AM - 12:20 AM	44.6	35.8	02:55 AM - 03:00 AM	51.9	35.2

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Approved by

Saranyut Jitranont
Assistant General Manager

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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Silo 3) Asia Sermik Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : 8299999

Project Name : Project AIE Rayong

Project Location :

Lot ID: 22133616

Date Received : Dec 06, 2022

Date Reported : Dec 15, 2022

Report Number : 2512780-1

Page 1 of 3

Sample Number : 22133616-12
Parameter : Noise Level (Leq 5 min)
Location : N2 (หน้าห้องลิฟต์) (GPS 47P 0726181, 1406270)
Measurement Date : Nov 30 - Dec 01, 2022
Measurement by : Santi Chaichana
Sound Level meter : Serial No. 00734218

Nov 30, 2022			Nov 30, 2022			Nov 30, 2022		
Time	Leq dB(A)	L90 dB(A)	Time	Leq dB(A)	L90 dB(A)	Time	Leq dB(A)	L90 dB(A)
11:00 AM - 11:05 AM	56.3	45.8	01:40 PM - 01:45 PM	55.2	45.0	04:20 PM - 04:25 PM	59.0	52.0
11:05 AM - 11:10 AM	57.6	44.9	01:45 PM - 01:50 PM	56.1	44.7	04:25 PM - 04:30 PM	60.4	50.3
11:10 AM - 11:15 AM	55.3	42.8	01:50 PM - 01:55 PM	58.0	44.4	04:30 PM - 04:35 PM	62.9	55.4
11:15 AM - 11:20 AM	57.4	43.4	01:55 PM - 02:00 PM	60.1	45.1	04:35 PM - 04:40 PM	59.6	53.2
11:20 AM - 11:25 AM	61.5	46.7	02:00 PM - 02:05 PM	57.7	46.8	04:40 PM - 04:45 PM	59.7	54.5
11:25 AM - 11:30 AM	56.5	44.6	02:05 PM - 02:10 PM	56.1	45.6	04:45 PM - 04:50 PM	59.4	53.8
11:30 AM - 11:35 AM	55.1	45.3	02:10 PM - 02:15 PM	54.9	45.1	04:50 PM - 04:55 PM	62.4	52.6
11:35 AM - 11:40 AM	58.5	46.5	02:15 PM - 02:20 PM	57.6	46.1	04:55 PM - 05:00 PM	67.8	58.0
11:40 AM - 11:45 AM	61.1	49.4	02:20 PM - 02:25 PM	55.6	47.5	05:00 PM - 05:05 PM	61.3	57.9
11:45 AM - 11:50 AM	58.0	49.3	02:25 PM - 02:30 PM	55.4	45.4	05:05 PM - 05:10 PM	62.6	55.9
11:50 AM - 11:55 AM	59.5	46.3	02:30 PM - 02:35 PM	58.9	47.6	05:10 PM - 05:15 PM	61.6	57.2
11:55 AM - 12:00 PM	57.5	45.2	02:35 PM - 02:40 PM	62.0	45.3	05:15 PM - 05:20 PM	60.5	55.3
12:00 PM - 12:05 PM	57.0	44.9	02:40 PM - 02:45 PM	57.2	46.1	05:20 PM - 05:25 PM	61.0	54.6
12:05 PM - 12:10 PM	57.9	48.5	02:45 PM - 02:50 PM	54.9	46.0	05:25 PM - 05:30 PM	59.6	53.1
12:10 PM - 12:15 PM	60.5	46.8	02:50 PM - 02:55 PM	55.0	48.1	05:30 PM - 05:35 PM	62.4	51.9
12:15 PM - 12:20 PM	57.4	47.2	02:55 PM - 03:00 PM	60.7	48.0	05:35 PM - 05:40 PM	60.8	52.2
12:20 PM - 12:25 PM	58.9	48.4	03:00 PM - 03:05 PM	58.0	46.9	05:40 PM - 05:45 PM	59.9	52.7
12:25 PM - 12:30 PM	57.5	47.0	03:05 PM - 03:10 PM	55.3	46.1	05:45 PM - 05:50 PM	57.6	51.0
12:30 PM - 12:35 PM	57.6	46.4	03:10 PM - 03:15 PM	57.7	46.1	05:50 PM - 05:55 PM	62.3	51.0
12:35 PM - 12:40 PM	56.6	46.4	03:15 PM - 03:20 PM	59.8	42.3	05:55 PM - 06:00 PM	59.7	51.7
12:40 PM - 12:45 PM	63.2	47.4	03:20 PM - 03:25 PM	57.4	43.7	06:00 PM - 06:05 PM	58.2	50.7
12:45 PM - 12:50 PM	56.2	48.2	03:25 PM - 03:30 PM	57.4	46.0	06:05 PM - 06:10 PM	59.8	51.7
12:50 PM - 12:55 PM	56.4	47.2	03:30 PM - 03:35 PM	59.4	45.5	06:10 PM - 06:15 PM	51.8	53.8
12:55 PM - 01:00 PM	57.3	48.3	03:35 PM - 03:40 PM	62.2	45.5	06:15 PM - 06:20 PM	59.6	52.5
01:00 PM - 01:05 PM	55.6	47.1	03:40 PM - 03:45 PM	56.5	44.1	06:20 PM - 06:25 PM	60.7	51.2
01:05 PM - 01:10 PM	56.6	49.8	03:45 PM - 03:50 PM	60.7	50.1	06:25 PM - 06:30 PM	60.9	52.9
01:10 PM - 01:15 PM	58.2	46.6	03:50 PM - 03:55 PM	55.4	48.4	06:30 PM - 06:35 PM	61.1	48.7
01:15 PM - 01:20 PM	61.4	49.9	03:55 PM - 04:00 PM	56.5	48.5	06:35 PM - 06:40 PM	57.4	51.2
01:20 PM - 01:25 PM	55.3	45.5	04:00 PM - 04:05 PM	60.2	50.5	06:40 PM - 06:45 PM	58.8	48.2
01:25 PM - 01:30 PM	55.6	48.8	04:05 PM - 04:10 PM	59.3	51.4	06:45 PM - 06:50 PM	58.5	48.4
01:30 PM - 01:35 PM	58.3	47.6	04:10 PM - 04:15 PM	57.1	51.1	06:50 PM - 06:55 PM	58.6	48.5
01:35 PM - 01:40 PM	56.1	45.7	04:15 PM - 04:20 PM	61.1	52.6	06:55 PM - 07:00 PM	59.8	48.1



Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

Lot ID: 22133616
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report Number : 2512781-1

P/O : สัญญา
Project Name : Project AIE Rayong
Project Location :

Page 1 of 3

Sample Number : 22133616-13
Parameter : Noise Level (Leq 5 min)
Location : N2 (หน้าบ้านหน้าห้อง) (GPS 47P 0726181, 1406270)
Measurement Date : Dec 01 - Dec 02, 2022
Measurement by : Santi Chaichana
Sound Level meter : Serial No. 00734218

Dec 01, 2022	Leq	L90	Dec 01, 2022	Leq	L90	Dec 01, 2022	Leq	L90
Time	dB(A)	dB(A)	Time	dB(A)	dB(A)	Time	dB(A)	dB(A)
11:00 AM - 11:05 AM	57.2	48.6	01:40 PM - 01:45 PM	57.5	49.3	04:20 PM - 04:25 PM	58.0	45.6
11:05 AM - 11:10 AM	63.0	48.9	01:45 PM - 01:50 PM	58.1	52.2	04:25 PM - 04:30 PM	60.5	53.5
11:10 AM - 11:15 AM	56.2	49.9	01:50 PM - 01:55 PM	63.2	52.2	04:30 PM - 04:35 PM	59.5	48.8
11:15 AM - 11:20 AM	63.1	50.6	01:55 PM - 02:00 PM	62.3	50.3	04:35 PM - 04:40 PM	61.4	51.6
11:20 AM - 11:25 AM	65.0	49.7	02:00 PM - 02:05 PM	57.5	49.4	04:40 PM - 04:45 PM	60.9	50.0
11:25 AM - 11:30 AM	59.1	51.3	02:05 PM - 02:10 PM	60.4	52.8	04:45 PM - 04:50 PM	64.1	50.8
11:30 AM - 11:35 AM	56.4	48.7	02:10 PM - 02:15 PM	59.1	51.0	04:50 PM - 04:55 PM	59.1	49.1
11:35 AM - 11:40 AM	57.0	47.8	02:15 PM - 02:20 PM	58.7	50.1	04:55 PM - 05:00 PM	61.8	51.2
11:40 AM - 11:45 AM	61.1	46.9	02:20 PM - 02:25 PM	57.0	49.7	05:00 PM - 05:05 PM	59.4	51.0
11:45 AM - 11:50 AM	56.3	49.8	02:25 PM - 02:30 PM	58.5	50.0	05:05 PM - 05:10 PM	60.2	52.3
11:50 AM - 11:55 AM	58.5	48.1	02:30 PM - 02:35 PM	59.3	48.9	05:10 PM - 05:15 PM	60.7	54.1
12:00 PM - 12:05 PM	57.8	49.7	02:35 PM - 02:40 PM	58.7	50.8	05:15 PM - 05:20 PM	61.1	54.2
12:05 PM - 12:10 PM	58.2	48.3	02:40 PM - 02:45 PM	60.3	50.4	05:20 PM - 05:25 PM	61.3	54.6
12:10 PM - 12:15 PM	57.9	49.0	02:45 PM - 02:50 PM	58.9	49.8	05:25 PM - 05:30 PM	60.5	54.3
12:15 PM - 12:20 PM	57.8	48.6	02:50 PM - 02:55 PM	60.1	46.4	05:30 PM - 05:35 PM	60.0	53.6
12:20 PM - 12:25 PM	56.9	48.0	02:55 PM - 03:00 PM	59.0	47.5	05:35 PM - 05:40 PM	60.2	53.6
12:25 PM - 12:30 PM	57.2	47.1	03:00 PM - 03:05 PM	57.6	47.7	05:40 PM - 05:45 PM	59.1	54.6
12:30 PM - 12:35 PM	57.7	46.0	03:05 PM - 03:10 PM	56.7	48.0	05:45 PM - 05:50 PM	61.3	54.4
12:35 PM - 12:40 PM	57.3	46.1	03:10 PM - 03:15 PM	56.5	45.0	05:50 PM - 05:55 PM	59.5	53.8
12:40 PM - 12:45 PM	57.6	46.0	03:15 PM - 03:20 PM	59.2	44.9	05:55 PM - 06:00 PM	58.9	52.2
12:45 PM - 12:50 PM	56.6	47.5	03:20 PM - 03:25 PM	57.2	48.2	06:00 PM - 06:05 PM	59.7	52.3
12:50 PM - 12:55 PM	55.3	45.9	03:25 PM - 03:30 PM	62.9	55.3	06:05 PM - 06:10 PM	59.7	54.3
12:55 PM - 01:00 PM	56.1	45.1	03:30 PM - 03:35 PM	65.5	47.8	06:10 PM - 06:15 PM	64.2	53.5
01:00 PM - 01:05 PM	56.0	46.2	03:35 PM - 03:40 PM	56.7	46.7	06:15 PM - 06:20 PM	60.5	53.1
01:05 PM - 01:10 PM	55.0	44.6	03:40 PM - 03:45 PM	59.4	49.5	06:20 PM - 06:25 PM	63.4	51.7
01:10 PM - 01:15 PM	58.1	44.5	03:45 PM - 03:50 PM	58.4	47.5	06:25 PM - 06:30 PM	58.5	52.4
01:15 PM - 01:20 PM	56.1	43.6	03:50 PM - 03:55 PM	55.2	45.5	06:30 PM - 06:35 PM	57.5	51.3
01:20 PM - 01:25 PM	60.3	45.8	03:55 PM - 04:00 PM	56.6	46.5	06:35 PM - 06:40 PM	58.2	48.2
01:25 PM - 01:30 PM	57.4	46.3	04:00 PM - 04:05 PM	57.2	46.4	06:40 PM - 06:45 PM	58.5	48.8
01:30 PM - 01:35 PM	56.7	47.2	04:05 PM - 04:10 PM	58.8	45.2	06:45 PM - 06:50 PM	59.2	51.9
01:35 PM - 01:40 PM	58.3	49.3	04:10 PM - 04:15 PM	61.5	48.4	06:50 PM - 06:55 PM	59.3	49.4
			04:15 PM - 04:20 PM	60.4	45.8	06:55 PM - 07:00 PM	60.0	50.8

Approved by

Saranyut Jitrant
Assistant General Manager

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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

Lot ID: 22133616
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report Number : 2512781-1

P/O : สัญญา
Project Name : Project AIE Rayong
Project Location :

Page 2 of 3

Sample Number : 22133616-13
Parameter : Noise Level (Leq 5 min)
Location : N2 (หน้าบ้านหน้าห้อง) (GPS 47P 0726181, 1406270)
Measurement Date : Dec 01 - Dec 02, 2022
Measurement by : Santi Chaichana
Sound Level meter : Serial No. 00734218

Dec 01, 2022	Leq	L90	Dec 01 - Dec 02, 2022	Leq	L90	Dec 02, 2022	Leq	L90
Time	dB(A)	dB(A)	Time	dB(A)	dB(A)	Time	dB(A)	dB(A)
07:00 PM - 07:05 PM	58.5	48.0	09:40 PM - 09:45 PM	55.6	49.8	12:20 AM - 12:25 AM	46.8	45.5
07:05 PM - 07:10 PM	59.3	50.8	09:45 PM - 09:50 PM	56.0	49.7	12:25 AM - 12:30 AM	51.1	44.2
07:10 PM - 07:15 PM	57.5	49.5	09:50 PM - 09:55 PM	54.6	48.7	12:30 AM - 12:35 AM	50.3	44.9
07:15 PM - 07:20 PM	56.8	45.5	09:55 PM - 10:00 PM	54.8	48.2	12:35 AM - 12:40 AM	46.2	44.6
07:20 PM - 07:25 PM	61.0	45.8	10:00 PM - 10:05 PM	56.0	47.4	12:40 AM - 12:45 AM	53.8	44.8
07:25 PM - 07:30 PM	61.0	45.2	10:05 PM - 10:10 PM	54.8	47.4	12:45 AM - 12:50 AM	46.9	43.4
07:30 PM - 07:35 PM	59.3	45.4	10:10 PM - 10:15 PM	53.6	44.7	12:50 AM - 12:55 AM	47.7	42.6
07:35 PM - 07:40 PM	56.1	45.7	10:15 PM - 10:20 PM	53.2	45.6	12:55 AM - 01:00 AM	55.4	47.4
07:40 PM - 07:45 PM	58.5	51.4	10:20 PM - 10:25 PM	53.4	46.7	01:00 AM - 01:05 AM	50.7	41.2
07:45 PM - 07:50 PM	57.5	51.6	10:25 PM - 10:30 PM	59.1	47.0	01:05 AM - 01:10 AM	50.0	40.8
07:50 PM - 07:55 PM	57.0	50.8	10:30 PM - 10:35 PM	52.4	46.5	01:10 AM - 01:15 AM	47.6	40.3
08:00 PM - 08:05 PM	57.7	50.1	10:35 PM - 10:40 PM	54.5	48.6	01:15 AM - 01:20 AM	43.7	41.4
08:05 PM - 08:10 PM	60.5	51.1	10:40 PM - 10:45 PM	60.8	48.8	01:20 AM - 01:25 AM	46.8	42.0
08:10 PM - 08:15 PM	57.2	50.6	10:45 PM - 10:50 PM	57.8	48.5	01:25 AM - 01:30 AM	57.1	41.8
08:15 PM - 08:20 PM	57.9	50.6	10:50 PM - 10:55 PM	57.5	49.7	01:30 AM - 01:35 AM	44.4	41.3
08:20 PM - 08:25 PM	56.3	47.6	10:55 PM - 11:00 PM	55.9	50.2	01:35 AM - 01:40 AM	47.0	43.0
08:25 PM - 08:30 PM	56.8	48.2	11:00 PM - 11:05 PM	53.5	48.4	01:40 AM - 01:45 AM	52.1	43.4
08:30 PM - 08:35 PM	53.8	47.6	11:05 PM - 11:10 PM	54.6	48.0	01:45 AM - 01:50 AM	48.6	41.9
08:35 PM - 08:40 PM	56.7	49.2	11:10 PM - 11:15 PM	55.3	47.7	01:50 AM - 01:55 AM	44.8	41.8
08:40 PM - 08:45 PM	66.7	49.0	11:15 PM - 11:20 PM	53.0	42.2	01:55 AM - 02:00 AM	51.0	40.7
08:45 PM - 08:50 PM	54.8	49.6	11:20 PM - 11:25 PM	54.2	47.9	02:00 AM - 02:05 AM	45.9	41.2
08:50 PM - 08:55 PM	55.7	50.1	11:25 PM - 11:30 PM	52.5	47.5	02:05 AM - 02:10 AM	46.9	41.4
08:55 PM - 09:00 PM	60.2	51.3	11:30 PM - 11:35 PM	54.6	48.6	02:10 AM - 02:15 AM	54.0	40.8
09:00 PM - 09:05 PM	58.2	51.3	11:35 PM - 11:40 PM	53.3	48.7	02:15 AM - 02:20 AM	53.9	44.1
09:05 PM - 09:10 PM	55.8	50.3	11:40 PM - 11:45 PM	57.0	49.6	02:20 AM - 02:25 AM	52.8	44.8
09:10 PM - 09:15 PM	56.8	50.6	11:45 PM - 11:50 PM	53.2	48.0	02:25 AM - 02:30 AM	47.6	45.5
09:15 PM - 09:20 PM	56.4	49.2	11:50 PM - 11:55 PM	53.5	46.6	02:30 AM - 02:35 AM	50.6	45.6
09:20 PM - 09:25 PM	58.7	49.8	11:55 PM - 12:00 AM	54.4	45.6	02:35 AM - 02:40 AM	50.7	45.2
09:25 PM - 09:30 PM	55.6	48.2	12:00 AM - 12:05 AM	55.6	46.4	02:40 AM - 02:45 AM	52.0	46.4
09:30 PM - 09:35 PM	51.6	46.7	12:05 AM - 12:10 AM	50.0	47.4	02:45 AM - 02:50 AM	49.5	46.4
09:35 PM - 09:40 PM	51.6	46.2	12:10 AM - 12:15 AM	51.5	48.3	02:50 AM - 02:55 AM	51.7	46.5
			12:15 AM - 12:20 AM	50.3	46.7	02:55 AM - 03:00 AM	50.3	46.9

Approved by

Saranyut Jitrant
Assistant General Manager

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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

Lot ID: 22133616
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report Number : 2512781-1

P/O : สัญญา
Project Name : Project AIE Rayong
Project Location :

Page 3 of 3

Sample Number : 22133616-13
Parameter : Noise Level (Leq 5 min)
Location : N2 (หน้าบ้านหน้าห้อง) (GPS 47P 0726181, 1406270)
Measurement Date : Dec 01 - Dec 02, 2022
Measurement by : Santi Chaichana
Sound Level meter : Serial No. 00734218

Dec 02, 2022	Leq	L90	Dec 02, 2022	Leq	L90	Dec 02, 2022	Leq	L90
Time	dB(A)	dB(A)	Time	dB(A)	dB(A)	Time	dB(A)	dB(A)
03:00 AM - 03:05 AM	53.1	43.6	03:40 AM - 03:45 AM	55.6	44.7	08:20 AM - 08:25 AM	59.4	49.4
03:05 AM - 03:10 AM	44.8	42.8	03:45 AM - 03:50 AM	54.7	44.7	08:25 AM - 08:30 AM	57.4	46.9
03:10 AM - 03:15 AM	45.0	41.9	03:50 AM - 03:55 AM	55.1	46.9	08:30 AM - 08:35 AM	58.0	48.1
03:15 AM - 03:20 AM	50.3	42.6	03:55 AM - 04:00 AM	56.4	46.1	08:35 AM - 08:40 AM	55.1	44.8
03:20 AM - 03:25 AM	51.7	43.2	04:00 AM - 04:05 AM	58.1	48.3	08:40 AM - 08:45 AM	56.4	47.2
03:25 AM - 03:30 AM	49.0	43.3	04:05 AM - 04:10 AM	57.2	48.0	08:45 AM - 08:50 AM	56.9	45.5
03:30 AM - 03:35 AM	49.8	42.1	04:10 AM - 04:15 AM	58.8	48.2	08:50 AM - 08:55 AM	56.0	45.8
03:35 AM - 03:40 AM	50.6	42.6	04:15 AM - 04:20 AM	61.2	51.7	08:55 AM - 09:00 AM	58.0	49.1
03:40 AM - 03:45 AM	48.2	43.6	04:20 AM - 04:25 AM	59.1	48.4	09:00 AM - 09:05 AM	59.0	47.4
03:45 AM - 03:50 AM	53.4	41.6	04:25 AM - 04:30 AM	59.4	52.9	09:05 AM - 09:10 AM	55.6	46.6
03:50 AM - 03:55 AM	46.9	41.6	04:30 AM - 04:35 AM	61.2	50.3	09:10 AM - 09:15 AM	55.8	44.1
03:55 AM - 04:00 AM	45.9	42.3	04:35 AM - 04:40 AM	60.0	50.5	09:15 AM - 09:20 AM	60.5	44.1
04:00 AM - 04:05 AM	48.8	45.3	04:40 AM - 04:45 AM	58.9	50.9	09:20 AM - 09:25 AM	56.7	47.0
04:05 AM - 04:10 AM	53.1	44.6	04:45 AM - 04:50 AM	61.3	53.6	09:25 AM - 09:30 AM	56.4	45.0
04:10 AM - 04:15 AM	50.8	44.0	04:50 AM - 04:55 AM	62.3	52.7	09:30 AM - 09:35 AM	56.6	46.9
04:15 AM - 04:20 AM	47.7	44.1	04:55 AM - 05:00 AM	63.7	53.6	09:35 AM - 09:40 AM	55.0	46.2
04:20 AM - 04:25 AM	52.2	42.7	05:00 AM - 05:05 AM	62.3	53.5	09:40 AM - 09:45 AM	56.7	43.9
04:25 AM - 04:30 AM	52.7	42.8	05:05 AM - 05:10 AM	62.7	55.3	09:45 AM - 09:50 AM	55.7	44.2
04:30 AM - 04:35 AM	49.0	41.9	05:10 AM - 05:15 AM	61.4	56.3	09:50 AM - 09:55 AM	55.1	44.0
04:35 AM - 04:40 AM	56.4	42.5	05:15 AM - 05:20 AM	61.6	55.1	09:55 AM - 10:00 AM	55.9	46.4
04:40 AM - 04:45 AM	45.5	43.1	05:20 AM - 05:25 AM	61.5	54.5	10:00 AM - 10:05 AM	55.8	45.5
04:45 AM - 04:50 AM	50.0	43.9	05:25 AM - 05:30 AM	63.3	55.1	10:05 AM - 10:10 AM	60.1	48.0
04:50 AM - 04:55 AM	50.0	43.7	05:30 AM - 05:35 AM	62.2	52.0	10:10 AM - 10:15 AM	57.4	48.0
04:55 AM - 05:00 AM	50.6	44.4	05:35 AM - 05:40 AM	61.4	53.3	10:15 AM - 10:20 AM	57.3	45.7
05:00 AM - 05:05 AM	51.6	46.8	05:40 AM - 05:45 AM	62.3	53.4	10:20 AM - 10:25 AM	58.2	47.4
05:05 AM - 05:10 AM	48.7	44.3	05:45 AM - 05:50 AM	62.4	52.8	10:25 AM - 10:30 AM	56.3	46.5
05:10 AM - 05:15 AM	52.7	45.2	05:50 AM - 05:55 AM	60.2	53.6	10:30 AM - 10:35 AM	55.9	48.2
05:15 AM - 05:20 AM	53.6	45.5	05:55 AM - 06:00 AM	60.2	52.9	10:35 AM - 10:40 AM	56.1	47.2
05:20 AM - 05:25 AM	50.6	44.8	06:00 AM - 06:05 AM	59.8	53.3	10:40 AM - 10:45 AM	56.3	47.4
05:25 AM - 05:30 AM	56.8	44.4	06:05 AM - 06:10 AM	59.7	53.1	10:45 AM - 10:50 AM	57.3	48.5
05:30 AM - 05:35 AM	51.5	44.0	06:10 AM - 06:15 AM	60.0	50.7	10:50 AM - 10:55 AM	55.4	47.8
05:35 AM - 05:40 AM	58.3	45.3	06:15 AM - 06:20 AM	58.2	52.7	10:55 AM - 11:00 AM	57.6	47.8



Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Sliom 3) Asia Sermjig Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

Lot ID: 22133616
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report Number : 2512782-1

P/O : อัญญา
Project Name : Project AIE Rayong
Project Location :

Sample Number : 22133616-14
Parameter : Noise Level (Leq 5 min)
Location : N2 (ห้วยหมื่นพันนา) (GPS 47P 0726181,1406270)
Measurement Date : Dec 02 - Dec 03, 2022
Measurement by : Santi Chachana
Sound Level meter : Serial No. 00734218

Dec 02, 2022	Leq	L90	Dec 02 - Dec 03, 2022	Leq	L90	Dec 03, 2022	Leq	L90
Time	dB(A)	dB(A)	Time	dB(A)	dB(A)	Time	dB(A)	dB(A)
07:00 PM - 07:05 PM	61.0	51.2	09:40 PM - 09:45 PM	54.0	42.2	12:20 AM - 12:25 AM	53.0	42.7
07:05 PM - 07:10 PM	59.4	48.4	09:45 PM - 09:50 PM	56.3	43.7	12:25 AM - 12:30 AM	53.3	42.4
07:10 PM - 07:15 PM	61.4	50.5	09:50 PM - 09:55 PM	55.7	42.5	12:30 AM - 12:35 AM	52.8	42.4
07:15 PM - 07:20 PM	57.2	48.6	09:55 PM - 10:00 PM	61.8	43.0	12:35 AM - 12:40 AM	51.4	42.6
07:20 PM - 07:25 PM	60.1	50.3	10:00 PM - 10:05 PM	51.3	42.1	12:40 AM - 12:45 AM	50.8	42.8
07:25 PM - 07:30 PM	57.3	46.0	10:05 PM - 10:10 PM	56.7	43.4	12:45 AM - 12:50 AM	52.8	42.7
07:30 PM - 07:35 PM	57.6	47.1	10:10 PM - 10:15 PM	54.5	42.1	12:50 AM - 12:55 AM	46.8	42.4
07:35 PM - 07:40 PM	58.7	47.8	10:15 PM - 10:20 PM	53.1	40.5	12:55 AM - 01:00 AM	51.1	42.9
07:40 PM - 07:45 PM	60.9	46.9	10:20 PM - 10:25 PM	52.7	40.9	01:00 AM - 01:05 AM	53.1	43.0
07:45 PM - 07:50 PM	59.0	47.6	10:25 PM - 10:30 PM	52.0	41.1	01:05 AM - 01:10 AM	56.7	43.4
07:50 PM - 07:55 PM	55.5	45.5	10:30 PM - 10:35 PM	57.6	42.1	01:10 AM - 01:15 AM	46.0	43.1
07:55 PM - 08:00 PM	56.4	46.0	10:35 PM - 10:40 PM	57.2	41.3	01:15 AM - 01:20 AM	47.5	43.0
08:00 PM - 08:05 PM	56.7	43.8	10:40 PM - 10:45 PM	52.6	41.4	01:20 AM - 01:25 AM	52.8	43.1
08:05 PM - 08:10 PM	61.1	48.5	10:45 PM - 10:50 PM	54.1	42.5	01:25 AM - 01:30 AM	49.9	43.6
08:10 PM - 08:15 PM	56.9	43.6	10:50 PM - 10:55 PM	50.2	42.2	01:30 AM - 01:35 AM	56.9	43.1
08:15 PM - 08:20 PM	59.0	47.4	10:55 PM - 11:00 PM	53.2	42.9	01:35 AM - 01:40 AM	53.1	42.9
08:20 PM - 08:25 PM	57.5	45.8	11:00 PM - 11:05 PM	51.4	42.6	01:40 AM - 01:45 AM	50.9	41.7
08:25 PM - 08:30 PM	60.0	44.8	11:05 PM - 11:10 PM	54.2	43.3	01:45 AM - 01:50 AM	49.4	41.8
08:30 PM - 08:35 PM	55.3	45.3	11:10 PM - 11:15 PM	56.4	42.7	01:50 AM - 01:55 AM	46.4	42.0
08:35 PM - 08:40 PM	55.4	45.0	11:15 PM - 11:20 PM	54.5	42.6	01:55 AM - 02:00 AM	54.4	42.1
08:40 PM - 08:45 PM	55.2	45.4	11:20 PM - 11:25 PM	61.4	41.9	02:00 AM - 02:05 AM	44.8	41.8
08:45 PM - 08:50 PM	55.3	43.3	11:25 PM - 11:30 PM	59.7	42.3	02:05 AM - 02:10 AM	55.5	41.9
08:50 PM - 08:55 PM	59.2	44.7	11:30 PM - 11:35 PM	59.0	41.9	02:10 AM - 02:15 AM	44.4	41.4
08:55 PM - 09:00 PM	58.1	46.8	11:35 PM - 11:40 PM	50.9	42.1	02:15 AM - 02:20 AM	60.4	42.3
09:00 PM - 09:05 PM	57.3	45.6	11:40 PM - 11:45 PM	57.0	42.8	02:20 AM - 02:25 AM	42.0	41.3
09:05 PM - 09:10 PM	55.8	43.7	11:45 PM - 11:50 PM	48.8	42.7	02:25 AM - 02:30 AM	50.8	41.7
09:10 PM - 09:15 PM	55.9	45.3	11:50 PM - 11:55 PM	55.5	42.5	02:30 AM - 02:35 AM	51.7	41.3
09:15 PM - 09:20 PM	67.0	43.0	11:55 PM - 12:00 AM	56.2	42.1	02:35 AM - 02:40 AM	53.0	41.1
09:20 PM - 09:25 PM	56.8	42.4	12:00 AM - 12:05 AM	59.9	42.4	02:40 AM - 02:45 AM	50.3	41.2
09:25 PM - 09:30 PM	57.2	42.8	12:05 AM - 12:10 AM	55.8	42.5	02:45 AM - 02:50 AM	48.5	41.3
09:30 PM - 09:35 PM	52.3	42.3	12:10 AM - 12:15 AM	54.8	42.0	02:50 AM - 02:55 AM	51.7	41.7
09:35 PM - 09:40 PM	58.4	41.9	12:15 AM - 12:20 AM	50.3	42.8	02:55 AM - 03:00 AM	50.9	41.9

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Approved by

Sarayu Jitranont
Assistant General Manager

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RIGHT SOLUTIONS ENGINEER: PORNCHAI ECHOEN



Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Sliom 3) Asia Sermjig Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

Lot ID: 22133616
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report Number : 2512783-1

P/O : อัญญา
Project Name : Project AIE Rayong
Project Location :

Sample Number : 22133616-15
Parameter : Noise Level (Leq 5 min)
Location : N3 (สุวรรณภูมิ) (GPS 47P 0730757,1407391)
Measurement Date : Nov 26 - Nov 27, 2022
Measurement by : Santi Chachana
Sound Level meter : Serial No. 00472127

Nov 26, 2022	Leq	L90	Nov 26, 2022	Leq	L90	Nov 26, 2022	Leq	L90
Time	dB(A)	dB(A)	Time	dB(A)	dB(A)	Time	dB(A)	dB(A)
10:00 AM - 10:05 AM	48.1	45.8	12:40 PM - 12:45 PM	65.3	50.7	03:20 PM - 03:25 PM	51.1	47.2
10:05 AM - 10:10 AM	50.6	45.9	12:45 PM - 12:50 PM	68.9	63.8	03:25 PM - 03:30 PM	50.9	47.1
10:10 AM - 10:15 AM	49.2	46.1	12:50 PM - 12:55 PM	66.9	63.1	03:30 PM - 03:35 PM	50.7	47.1
10:15 AM - 10:20 AM	47.3	45.7	12:55 PM - 01:00 PM	58.7	56.2	03:35 PM - 03:40 PM	53.4	45.9
10:20 AM - 10:25 AM	46.8	45.0	01:00 PM - 01:05 PM	55.9	54.2	03:40 PM - 03:45 PM	51.7	46.0
10:25 AM - 10:30 AM	46.6	44.9	01:05 PM - 01:10 PM	60.1	56.6	03:45 PM - 03:50 PM	51.3	45.4
10:30 AM - 10:35 AM	53.0	45.7	01:10 PM - 01:15 PM	63.4	59.8	03:50 PM - 03:55 PM	47.4	45.3
10:35 AM - 10:40 AM	48.2	44.9	01:15 PM - 01:20 PM	56.3	54.2	03:55 PM - 04:00 PM	49.1	45.3
10:40 AM - 10:45 AM	50.9	45.3	01:20 PM - 01:25 PM	53.8	52.4	04:00 PM - 04:05 PM	51.1	45.9
10:45 AM - 10:50 AM	49.8	46.1	01:25 PM - 01:30 PM	53.3	51.2	04:05 PM - 04:10 PM	46.6	44.8
10:50 AM - 10:55 AM	47.8	43.6	01:30 PM - 01:35 PM	54.1	50.7	04:10 PM - 04:15 PM	53.6	44.6
10:55 AM - 11:00 AM	47.2	44.4	01:35 PM - 01:40 PM	52.9	50.2	04:15 PM - 04:20 PM	55.3	45.7
11:00 AM - 11:05 AM	46.9	44.3	01:40 PM - 01:45 PM	53.4	50.7	04:20 PM - 04:25 PM	55.8	47.9
11:05 AM - 11:10 AM	46.6	44.9	01:45 PM - 01:50 PM	53.5	49.9	04:25 PM - 04:30 PM	54.3	47.3
11:10 AM - 11:15 AM	47.6	44.6	01:50 PM - 01:55 PM	54.5	50.0	04:30 PM - 04:35 PM	53.1	46.5
11:15 AM - 11:20 AM	49.1	45.8	01:55 PM - 02:00 PM	58.4	57.8	04:35 PM - 04:40 PM	55.1	47.8
11:20 AM - 11:25 AM	46.4	44.3	02:00 PM - 02:05 PM	51.6	48.3	04:40 PM - 04:45 PM	49.0	47.3
11:25 AM - 11:30 AM	46.8	44.4	02:05 PM - 02:10 PM	51.9	47.7	04:45 PM - 04:50 PM	54.1	46.4
11:30 AM - 11:35 AM	46.6	44.4	02:10 PM - 02:15 PM	49.0	46.9	04:50 PM - 04:55 PM	50.9	48.3
11:35 AM - 11:40 AM	46.4	44.7	02:15 PM - 02:20 PM	47.4	45.9	04:55 PM - 05:00 PM	54.8	48.7
11:40 AM - 11:45 AM	48.2	46.6	02:20 PM - 02:25 PM	47.0	45.9	05:00 PM - 05:05 PM	57.1	48.8
11:45 AM - 11:50 AM	48.5	46.0	02:25 PM - 02:30 PM	48.0	46.5	05:05 PM - 05:10 PM	49.1	46.1
11:50 AM - 11:55 AM	49.4	46.5	02:30 PM - 02:35 PM	49.2	46.7	05:10 PM - 05:15 PM	49.7	46.2
11:55 AM - 12:00 PM	47.1	44.3	02:35 PM - 02:40 PM	49.2	47.4	05:15 PM - 05:20 PM	49.8	46.7
12:00 PM - 12:05 PM	48.0	45.8	02:40 PM - 02:45 PM	50.0	46.9	05:20 PM - 05:25 PM	48.5	46.7
12:05 PM - 12:10 PM	50.8	46.0	02:45 PM - 02:50 PM	54.2	47.3	05:25 PM - 05:30 PM	49.5	46.8
12:10 PM - 12:15 PM	56.3	52.1	02:50 PM - 02:55 PM	48.9	47.4	05:30 PM - 05:35 PM	50.0	46.1
12:15 PM - 12:20 PM	53.8	50.9	02:55 PM - 03:00 PM	49.1	47.1	05:35 PM - 05:40 PM	53.7	45.4
12:20 PM - 12:25 PM	53.0	50.6	03:00 PM - 03:05 PM	49.0	47.5	05:40 PM - 05:45 PM	50.7	45.6
12:25 PM - 12:30 PM	53.2	49.9	03:05 PM - 03:10 PM	49.9	47.1	05:45 PM - 05:50 PM	52.3	47.1
12:30 PM - 12:35 PM	53.5	51.1	03:10 PM - 03:15 PM	48.9	46.2	05:50 PM - 05:55 PM	51.1	48.6
12:35 PM - 12:40 PM	52.9	50.5	03:15 PM - 03:20 PM	51.0	46.5	05:55 PM - 06:00 PM	51.3	48.8

The above results are valid only for the analyzed/tested scenario as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory (ALS Laboratory Group (Thailand)) strongly recommends that this report is not reproduced except in full.

Approved by

Sarayu Jitranont
Assistant General Manager

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RIGHT SOLUTIONS ENGINEER: PORNCHAI ECHOEN



Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Sliom 3) Asia Sermjig Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

Lot ID: 22133616
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report Number : 2512782-1

P/O : อัญญา
Project Name : Project AIE Rayong
Project Location :

Sample Number : 22133616-14
Parameter : Noise Level (Leq 5 min)
Location : N2 (ห้วยหมื่นพันนา) (GPS 47P 0726181,1406270)
Measurement Date : Dec 02 - Dec 03, 2022
Measurement by : Santi Chachana
Sound Level meter : Serial No. 00734218

Dec 03, 2022	Leq	L90	Dec 03, 2022	Leq	L90	Dec 03, 2022	Leq	L90
Time	dB(A)	dB(A)	Time	dB(A)	dB(A)	Time	dB(A)	dB(A)
03:00 AM - 03:05 AM	47.8	41.8	05:40 AM - 05:45 AM	52.8	43.8	08:20 AM - 08:25 AM	61.1	48.7
03:05 AM - 03:10 AM	46.1	41.4	05:45 AM - 05:50 AM	54.7	44.4	08:25 AM - 08:30 AM	59.0	47.9
03:10 AM - 03:15 AM	43.4	41.1	05:50 AM - 05:55 AM	54.9	46.0	08:30 AM - 08:35 AM	58.9	49.1
03:15 AM - 03:20 AM	50.7	41.5	05:55 AM - 06:00 AM	55.2	46.7	08:35 AM - 08:40 AM	56.8	47.7
03:20 AM - 03:25 AM	49.3	42.3	06:00 AM - 06:05 AM	55.8	46.9	08:40 AM - 08:45 AM	58.4	47.3
03:25 AM - 03:30 AM	47.0	41.6	06:05 AM - 06:10 AM	57.9	46.9	08:45 AM - 08:50 AM	57.2	46.0
03:30 AM - 03:35 AM	46.9	41.7	06:10 AM - 06:15 AM	56.7	48.2	08:50 AM - 08:55 AM	56.8	48.9
03:35 AM - 03:40 AM	48.8	41.7	06:15 AM - 06:20 AM	58.3	48.6	08:55 AM - 09:00 AM	60.5	47.2
03:40 AM - 03:45 AM	44.1	41.6	06:20 AM - 06:25 AM	57.9	49.3	09:00 AM - 09:05 AM	55.2	45.4
03:45 AM - 03:50 AM	43.0	41.5	06:25 AM - 06:30 AM	59.2	50.7	09:05 AM - 09:10 AM	56.6	46.2
03:50 AM - 03:55 AM	43.8	41.6	06:30 AM - 06:35 AM	58.6	50.6	09:10 AM - 09:15 AM	60.6	49.4
03:55 AM - 04:00 AM	46.3	41.6	06:35 AM - 06:40 AM	61.1	48.5	09:15 AM - 09:20 AM	56.2	47.9
04:00 AM - 04:05 AM	46.1	42.2	06:40 AM - 06:45 AM	57.8	47.3	09:20 AM - 09:25 AM	57.2	48.2
04:05 AM - 04:10 AM	50.5	41.9	06:45 AM - 06:50 AM	62.5	48.4	09:25 AM - 09:30 AM	56.2	49.1
04:10 AM - 04:15 AM	45.0	41.8	06:50 AM - 06:55 AM	62.5	49.0	09:30 AM - 09:35 AM	56.5	46.9
04:15 AM - 04:20 AM	47.5	42.0	06:55 AM - 07:00 AM	60.5	51.5	09:35 AM - 09:40 AM	60.5	49.0
04:20 AM - 04:25 AM	45.8	41.8	07:00 AM - 07:05 AM	61.7	52.3	09:40 AM - 09:45 AM	56.4	45.3
04:25 AM - 04:30 AM	45.6	41.5	07:05 AM - 07:10 AM	62.1	53.9	09:45 AM - 09:50 AM	56.0	48.3
04:30 AM - 04:35 AM	45.8	42.2	07:10 AM - 07:15 AM	60.6	53.5	09:50 AM - 09:55 AM	57.9	46.5
04:35 AM - 04:40 AM	46.9	42.7	07:15 AM - 07:20 AM	60.7	53.5	09:55 AM - 10:00 AM	63.9	49.7
04:40 AM - 04:45 AM	49.0	42.2	07:20 AM - 07:25 AM	60.4	52.0	10:00 AM - 10:05 AM	53.9	44.5
04:45 AM - 04:50 AM	53.1	42.8	07:25 AM - 07:30 AM	60.9	53.3	10:05 AM - 10:10 AM	55.5	46.3
04:50 AM - 04:55 AM	53.8	42.6	07:30 AM - 07:35 AM	62.4	53.5	10:10 AM - 10:15 AM	59.3	45.5
04:55 AM - 05:00 AM	55.9	42.9	07:35 AM - 07:40 AM	61.6	51.1	10:15 AM - 10:20 AM	56.0	48.0
05:00 AM - 05:05 AM	45.6	42.6	07:40 AM - 07:45 AM	60.7	50.4	10:20 AM - 10:25 AM	60.3	49.0
05:05 AM - 05:10 AM	51.3	42.9	07:45 AM - 07:50 AM	57.9	49.5	10:25 AM - 10:30 AM	55.8	46.1
05:10 AM - 05:15 AM	46.8	42.6	07:50 AM - 07:55 AM	60.5	49.2	10:30 AM - 10:35 AM	57.8	46.4
05:15 AM - 05:20 AM	48.6	42.7	07:55 AM - 08:00 AM	57.8	48.4	10:35 AM - 10:40 AM	56.3	46.6
05:20 AM - 05:25 AM	51.7	42.4	08:00 AM - 08:05 AM	60.6	50.6	10:40 AM - 10:45 AM	58.1	46.2
05:25 AM - 05:30 AM	50.4	42.3	08:05 AM - 08:10 AM	59.1	46.2	10:45 AM - 10:50 AM	57.1	46.8
05:30 AM - 05:35 AM	58.6	43.7	08:10 AM - 08:15 AM	61.5	49.5	10:50 AM - 10:55 AM	58.9	47.6
05:35 AM - 05:40 AM	54.3	43.8	08:15 AM - 08:20 AM	59.7	49.9	10:55 AM - 11:00 AM	56.0	49.7



Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Silon 3) Asia Sermikj Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : 8899999

Project Name : Project AIE Rayong

Project Location :

Lot ID: 21133616

Date Received : Dec 06, 2022

Date Reported : Dec 15, 2022

Report Number : 2512781-1

Page 2 of 3

Sample Number		22133616-15	
Parameter		Noise Level (Leq 5 min)	
Location		N3 (Surrounding) (GPS 47P 0730757,1407391)	
Measurement Date		Nov 26 - Nov 27, 2022	
Measurement by		Santi Chaichana	
Sound Level meter		Serial No. 00472127	
Nov 27, 2022		Nov 27, 2022	
Time	Leq dB(A)	Time	Leq dB(A)
02:00 AM - 02:05 AM	56.0	04:40 AM - 04:45 AM	51.0
02:05 AM - 02:10 AM	55.8	04:45 AM - 04:50 AM	48.2
02:10 AM - 02:15 AM	56.0	04:50 AM - 04:55 AM	48.1
02:15 AM - 02:20 AM	55.8	04:55 AM - 05:00 AM	48.6
02:20 AM - 02:25 AM	55.9	05:00 AM - 05:05 AM	49.2
02:25 AM - 02:30 AM	55.9	05:05 AM - 05:10 AM	49.1
02:30 AM - 02:35 AM	56.0	05:10 AM - 05:15 AM	49.7
02:35 AM - 02:40 AM	55.8	05:15 AM - 05:20 AM	50.0
02:40 AM - 02:45 AM	55.7	05:20 AM - 05:25 AM	49.3
02:45 AM - 02:50 AM	55.6	05:25 AM - 05:30 AM	48.9
02:50 AM - 02:55 AM	55.4	05:30 AM - 05:35 AM	50.8
02:55 AM - 03:00 AM	55.4	05:35 AM - 05:40 AM	47.8
03:00 AM - 03:05 AM	55.3	05:40 AM - 05:45 AM	59.3
03:05 AM - 03:10 AM	55.2	05:45 AM - 05:50 AM	50.6
03:10 AM - 03:15 AM	55.1	05:50 AM - 05:55 AM	55.5
03:15 AM - 03:20 AM	55.0	05:55 AM - 06:00 AM	57.4
03:20 AM - 03:25 AM	54.1	06:00 AM - 06:05 AM	52.2
03:25 AM - 03:30 AM	54.3	06:05 AM - 06:10 AM	52.5
03:30 AM - 03:35 AM	54.7	06:10 AM - 06:15 AM	52.0
03:35 AM - 03:40 AM	54.1	06:15 AM - 06:20 AM	54.3
03:40 AM - 03:45 AM	53.6	06:20 AM - 06:25 AM	53.4
03:45 AM - 03:50 AM	54.2	06:25 AM - 06:30 AM	55.5
03:50 AM - 03:55 AM	53.5	06:30 AM - 06:35 AM	51.0
03:55 AM - 04:00 AM	48.1	06:35 AM - 06:40 AM	50.5
04:00 AM - 04:05 AM	48.3	06:40 AM - 06:45 AM	49.4
04:05 AM - 04:10 AM	47.3	06:45 AM - 06:50 AM	49.7
04:10 AM - 04:15 AM	47.6	06:50 AM - 06:55 AM	49.6
04:15 AM - 04:20 AM	47.3	06:55 AM - 07:00 AM	49.5
04:20 AM - 04:25 AM	47.8	07:00 AM - 07:05 AM	49.5
04:25 AM - 04:30 AM	49.1	07:05 AM - 07:10 AM	49.1
04:30 AM - 04:35 AM	50.6	07:10 AM - 07:15 AM	48.6
04:35 AM - 04:40 AM	49.3	07:15 AM - 07:20 AM	50.4



Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Silon 3) Asia Sermikj Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : 8899999

Project Name : Project AIE Rayong

Project Location :

Lot ID: 21133616

Date Received : Dec 06, 2022

Date Reported : Dec 15, 2022

Report Number : 2512781-1

Page 1 of 3

Sample Number		22133616-15	
Parameter		Noise Level (Leq 5 min)	
Location		N3 (Surrounding) (GPS 47P 0730757,1407391)	
Measurement Date		Nov 27 - Nov 28, 2022	
Measurement by		Santi Chaichana	
Sound Level meter		Serial No. 00472127	
Nov 27, 2022		Nov 27, 2022	
Time	Leq dB(A)	Time	Leq dB(A)
10:00 AM - 10:05 AM	56.7	12:40 PM - 12:45 PM	46.0
10:05 AM - 10:10 AM	58.2	12:45 PM - 12:50 PM	50.2
10:10 AM - 10:15 AM	61.1	12:50 PM - 12:55 PM	49.3
10:15 AM - 10:20 AM	58.5	12:55 PM - 01:00 PM	48.5
10:20 AM - 10:25 AM	56.1	01:00 PM - 01:05 PM	48.7
10:25 AM - 10:30 AM	56.9	01:05 PM - 01:10 PM	48.7
10:30 AM - 10:35 AM	53.9	01:10 PM - 01:15 PM	49.6
10:35 AM - 10:40 AM	48.7	01:15 PM - 01:20 PM	49.4
10:40 AM - 10:45 AM	53.9	01:20 PM - 01:25 PM	50.9
10:45 AM - 10:50 AM	49.3	01:25 PM - 01:30 PM	49.8
10:50 AM - 10:55 AM	49.7	01:30 PM - 01:35 PM	51.0
10:55 AM - 11:00 AM	51.1	01:35 PM - 01:40 PM	50.7
11:00 AM - 11:05 AM	54.1	01:40 PM - 01:45 PM	51.4
11:05 AM - 11:10 AM	52.1	01:45 PM - 01:50 PM	51.2
11:10 AM - 11:15 AM	49.8	01:50 PM - 01:55 PM	49.4
11:15 AM - 11:20 AM	54.4	01:55 PM - 02:00 PM	50.8
11:20 AM - 11:25 AM	55.7	02:00 PM - 02:05 PM	52.3
11:25 AM - 11:30 AM	51.5	02:05 PM - 02:10 PM	51.1
11:30 AM - 11:35 AM	46.1	02:10 PM - 02:15 PM	51.7
11:35 AM - 11:40 AM	47.6	02:15 PM - 02:20 PM	48.9
11:40 AM - 11:45 AM	47.6	02:20 PM - 02:25 PM	44.7
11:45 AM - 11:50 AM	55.8	02:25 PM - 02:30 PM	47.9
11:50 AM - 11:55 AM	56.2	02:30 PM - 02:35 PM	48.7
11:55 AM - 12:00 PM	55.0	02:35 PM - 02:40 PM	46.7
12:00 PM - 12:05 PM	50.7	02:40 PM - 02:45 PM	48.5
12:05 PM - 12:10 PM	52.1	02:45 PM - 02:50 PM	50.5
12:10 PM - 12:15 PM	47.6	02:50 PM - 02:55 PM	51.6
12:15 PM - 12:20 PM	46.1	02:55 PM - 03:00 PM	53.2
12:20 PM - 12:25 PM	49.1	03:00 PM - 03:05 PM	48.8
12:25 PM - 12:30 PM	47.2	03:05 PM - 03:10 PM	52.4
12:30 PM - 12:35 PM	53.7	03:10 PM - 03:15 PM	51.9
12:35 PM - 12:40 PM	53.0	03:15 PM - 03:20 PM	47.2

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Approved by

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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Silon 3) Asia Sermikj Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : 8899999

Project Name : Project AIE Rayong

Project Location :

Lot ID: 21133616

Date Received : Dec 06, 2022

Date Reported : Dec 15, 2022

Report Number : 2512781-1

Page 2 of 3

Sample Number		22133616-16	
Parameter		Noise Level (Leq 5 min)	
Location		N3 (Surrounding) (GPS 47P 0730757,1407391)	
Measurement Date		Nov 27 - Nov 28, 2022	
Measurement by		Santi Chaichana	
Sound Level meter		Serial No. 00472127	
Nov 27, 2022		Nov 27 - Nov 28, 2022	
Time	Leq dB(A)	Time	Leq dB(A)
06:00 PM - 06:05 PM	47.3	08:40 PM - 08:45 PM	57.2
06:05 PM - 06:10 PM	50.2	08:45 PM - 08:50 PM	56.9
06:10 PM - 06:15 PM	54.3	08:50 PM - 08:55 PM	57.1
06:15 PM - 06:20 PM	49.9	08:55 PM - 09:00 PM	56.7
06:20 PM - 06:25 PM	54.0	09:00 PM - 09:05 PM	56.5
06:25 PM - 06:30 PM	52.0	09:05 PM - 09:10 PM	56.4
06:30 PM - 06:35 PM	51.9	09:10 PM - 09:15 PM	55.5
06:35 PM - 06:40 PM	53.3	09:15 PM - 09:20 PM	54.9
06:40 PM - 06:45 PM	51.9	09:20 PM - 09:25 PM	55.0
06:45 PM - 06:50 PM	51.9	09:25 PM - 09:30 PM	55.1
06:50 PM - 06:55 PM	51.0	09:30 PM - 09:35 PM	57.2
06:55 PM - 07:00 PM	53.8	09:35 PM - 09:40 PM	55.1
07:00 PM - 07:05 PM	53.9	09:40 PM - 09:45 PM	54.1
07:05 PM - 07:10 PM	53.6	09:45 PM - 09:50 PM	54.0
07:10 PM - 07:15 PM	53.2	09:50 PM - 09:55 PM	54.6
07:15 PM - 07:20 PM	53.0	09:55 PM - 10:00 PM	53.9
07:20 PM - 07:25 PM	52.9	10:00 PM - 10:05 PM	54.5
07:25 PM - 07:30 PM	51.9	10:05 PM - 10:10 PM	53.7
07:30 PM - 07:35 PM	50.4	10:10 PM - 10:15 PM	53.9
07:35 PM - 07:40 PM	51.2	10:15 PM - 10:20 PM	54.3
07:40 PM - 07:45 PM	52.9	10:20 PM - 10:25 PM	53.9
07:45 PM - 07:50 PM	55.2	10:25 PM - 10:30 PM	53.6
07:50 PM - 07:55 PM	56.1	10:30 PM - 10:35 PM	53.6
07:55 PM - 08:00 PM	55.1	10:35 PM - 10:40 PM	53.7
08:00 PM - 08:05 PM	54.6	10:40 PM - 10:45 PM	54.2
08:05 PM - 08:10 PM	55.7	10:45 PM - 10:50 PM	54.0
08:10 PM - 08:15 PM	55.1	10:50 PM - 10:55 PM	55.8
08:15 PM - 08:20 PM	55.3	10:55 PM - 11:00 PM	55.9
08:20 PM - 08:25 PM	54.9	11:00 PM - 11:05 PM	56.5
08:25 PM - 08:30 PM	54.9	11:05 PM - 11:10 PM	56.5
08:30 PM - 08:35 PM	54.9	11:10 PM - 11:15 PM	56.3
08:35 PM - 08:40 PM	56.3	11:15 PM - 11:20 PM	54.1



Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Silon 3) Asia Sermikj Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : 8899999

Project Name : Project AIE Rayong

Project Location :

Lot ID: 21133616

Date Received : Dec 06, 2022

Date Reported : Dec 15, 2022


Report Number : 2512781-1

Page 3 of 3

Sample Number		22133616-16	
Parameter		Noise Level (Leq 5 min)	
Location		N3 (Surrounding) (GPS 47P 0730757,1407391)	
Measurement Date		Nov 27 - Nov 28, 2022	
Measurement by		Santi Chaichana	
Sound Level meter		Serial No. 00472127	
Nov 28, 2022		Nov 28, 2022	
Time	Leq dB(A)	Time	Leq dB(A)
02:00 AM - 02:05 AM	44.5	04:40 AM - 04:45 AM	51.7
02:05 AM - 02:10 AM	50.7	04:45 AM - 04:50 AM	52.0
02:10 AM - 02:15 AM	51.7	04:50 AM - 04:55 AM	49.9
02:15 AM - 02:20 AM	53.2	04:55 AM - 05:00 AM	49.5
02:20 AM - 02:25 AM	53.6	05:00 AM - 05:05 AM	48.7
02:25 AM - 02:30 AM	53.5	05:05 AM - 05:10 AM	48.6
02:30 AM - 02:35 AM	54.3	05:10 AM - 05:15 AM	49.6
02:35 AM - 02:40 AM	55.0	05:15 AM - 05:20 AM	53.4
02:40 AM - 02:45 AM	54.8	05:20 AM - 05:25 AM	49.3
02:45 AM - 02:50 AM	54.7	05:25 AM - 05:30 AM	49.9
02:50 AM - 02:55 AM	54.6	05:30 AM - 05:35 AM	50.6
02:55 AM - 03:00 AM	54.6	05:35 AM - 05:40 AM	50.5
03:00 AM - 03:05 AM	54.6	05:40 AM - 05:45 AM	50.6
03:05 AM - 03:10 AM	54.6	05:45 AM - 05:50 AM	53.8
03:10 AM - 03:15 AM	55.1	05:50 AM - 05:55 AM	54.3
03:15 AM - 03:20 AM	55.1	05:55 AM - 06:00 AM	56.0
03:20 AM - 03:25 AM	61.0	06:00 AM - 06:05 AM	58.0
03:25 AM - 03:30 AM	55.4	06:05 AM - 06:10 AM	54.6
03:30 AM - 03:35 AM	55.1	06:10 AM - 06:15 AM	52.5
03:35 AM - 03:40 AM	53.6	06:15 AM - 06:20 AM	51.9
03:40 AM - 03:45 AM	53.0	06:20 AM - 06:25 AM	56.7
03:45 AM - 03:50 AM	53.0	06:25 AM - 06:30 AM	52.2
03:50 AM - 03:55 AM	52.8	06:30 AM - 06:35 AM	50.5
03:55 AM - 04:00 AM	52.9	06:35 AM - 06:40 AM	51.1
04:00 AM - 04:05 AM	55.1	06:40 AM - 06:45 AM	53.0
04:05 AM - 04:10 AM	52.3	06:45 AM - 06:50 AM	52.0
04:10 AM - 04:15 AM	52.6	06:50 AM - 06:55 AM	50.7
04:15 AM - 04:20 AM	52.8	06:55 AM - 07:00 AM	51.7
04:20 AM - 04:25 AM	52.6	07:00 AM - 07:05 AM	50.3
04:25 AM - 04:30 AM	52.6	07:05 AM - 07:10 AM	50.2




Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Siloam 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O : 
Project Name : Project AIE Raying
Project Location : 

Lot ID: 22133616
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report Number : 2512785-1



Nov 28, 2022			Nov 28, 2022			Nov 28, 2022		
Time	Leq dB(A)	L90 dB(A)	Time	Leq dB(A)	L90 dB(A)	Time	Leq dB(A)	L90 dB(A)
10:00 AM - 10:05 AM	51.1	44.6	12:40 PM - 12:45 PM	45.9	43.9	03:20 PM - 03:25 PM	59.7	56.0
10:05 AM - 10:10 AM	51.3	42.9	12:45 PM - 12:50 PM	45.5	43.6	03:25 PM - 03:30 PM	57.5	49.9
10:10 AM - 10:15 AM	49.8	42.5	12:50 PM - 12:55 PM	47.4	44.5	03:30 PM - 03:35 PM	53.9	48.7
10:15 AM - 10:20 AM	46.8	41.8	12:55 PM - 01:00 PM	46.0	43.8	03:35 PM - 03:40 PM	61.0	48.1
10:20 AM - 10:25 AM	50.7	44.8	01:00 PM - 01:05 PM	47.1	43.7	03:40 PM - 03:45 PM	66.1	45.3
10:25 AM - 10:30 AM	52.8	44.3	01:05 PM - 01:10 PM	45.5	43.6	03:45 PM - 03:50 PM	62.6	44.1
10:30 AM - 10:35 AM	46.8	43.4	01:10 PM - 01:15 PM	45.6	43.5	03:50 PM - 03:55 PM	56.5	45.4
10:35 AM - 10:40 AM	50.7	44.4	01:15 PM - 01:20 PM	45.7	43.9	03:55 PM - 04:00 PM	54.9	49.2
10:40 AM - 10:45 AM	51.1	44.4	01:20 PM - 01:25 PM	45.8	43.5	04:00 PM - 04:05 PM	55.9	49.3
10:45 AM - 10:50 AM	54.5	46.7	01:25 PM - 01:30 PM	46.5	44.1	04:05 PM - 04:10 PM	53.8	48.7
10:50 AM - 10:55 AM	53.7	49.4	01:30 PM - 01:35 PM	47.4	44.0	04:10 PM - 04:15 PM	54.7	49.4
10:55 AM - 11:00 AM	54.8	49.5	01:35 PM - 01:40 PM	47.5	45.0	04:15 PM - 04:20 PM	53.3	47.2
11:00 AM - 11:05 AM	56.0	50.1	01:40 PM - 01:45 PM	46.8	45.4	04:20 PM - 04:25 PM	51.5	45.3
11:05 AM - 11:10 AM	55.6	51.1	01:45 PM - 01:50 PM	47.6	45.0	04:25 PM - 04:30 PM	51.5	46.9
11:10 AM - 11:15 AM	55.3	51.0	01:50 PM - 01:55 PM	46.4	44.0	04:30 PM - 04:35 PM	51.8	47.5
11:15 AM - 11:20 AM	54.8	50.7	01:55 PM - 02:00 PM	48.5	44.3	04:35 PM - 04:40 PM	54.7	50.6
11:20 AM - 11:25 AM	54.0	50.0	02:00 PM - 02:05 PM	46.9	44.4	04:40 PM - 04:45 PM	55.5	50.7
11:25 AM - 11:30 AM	49.4	46.3	02:05 PM - 02:10 PM	48.2	44.1	04:45 PM - 04:50 PM	51.5	46.3
11:30 AM - 11:35 AM	57.7	46.4	02:10 PM - 02:15 PM	48.2	44.8	04:50 PM - 04:55 PM	48.9	45.6
11:35 AM - 11:40 AM	56.1	45.7	02:15 PM - 02:20 PM	49.6	46.4	04:55 PM - 05:00 PM	49.8	46.0
11:40 AM - 11:45 AM	56.4	46.3	02:20 PM - 02:25 PM	53.2	47.8	05:00 PM - 05:05 PM	51.2	46.1
11:45 AM - 11:50 AM	58.6	51.0	02:25 PM - 02:30 PM	55.1	50.0	05:05 PM - 05:10 PM	56.2	45.9
11:50 AM - 11:55 AM	57.5	50.1	02:30 PM - 02:35 PM	57.8	49.8	05:10 PM - 05:15 PM	46.9	43.9
11:55 AM - 12:00 PM	56.3	48.6	02:35 PM - 02:40 PM	54.5	49.5	05:15 PM - 05:20 PM	45.6	42.8
12:00 PM - 12:05 PM	56.0	49.3	02:40 PM - 02:45 PM	54.6	50.0	05:20 PM - 05:25 PM	63.7	44.9
12:05 PM - 12:10 PM	57.0	50.9	02:45 PM - 02:50 PM	54.6	50.6	05:25 PM - 05:30 PM	57.3	45.1
12:10 PM - 12:15 PM	58.4	54.2	02:50 PM - 02:55 PM	54.9	51.1	05:30 PM - 05:35 PM	52.6	44.2
12:15 PM - 12:20 PM	61.3	56.8	02:55 PM - 03:00 PM	55.0	50.4	05:35 PM - 05:40 PM	45.9	43.6
12:20 PM - 12:25 PM	52.2	46.8	03:00 PM - 03:05 PM	55.2	49.8	05:40 PM - 05:45 PM	50.8	43.4
12:25 PM - 12:30 PM	51.3	43.5	03:05 PM - 03:10 PM	56.5	50.8	05:45 PM - 05:50 PM	56.3	43.7
12:30 PM - 12:35 PM	46.4	43.5	03:10 PM - 03:15 PM	56.7	50.8	05:50 PM - 05:55 PM	47.0	44.2
12:35 PM - 12:40 PM	45.8	43.8	03:15 PM - 03:20 PM	58.7	52.4	05:55 PM - 06:00 PM	46.6	43.9

Approved by


Sarayuth Jitranont
Assistant General Manager




Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Siloam 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O : 
Project Name : Project AIE Raying
Project Location : 

Lot ID: 22133616
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report Number : 2512785-1

Nov 28, 2022			Nov 28, 2022			Nov 28 - Nov 29, 2022		
Time	Leq dB(A)	L90 dB(A)	Time	Leq dB(A)	L90 dB(A)	Time	Leq dB(A)	L90 dB(A)
06:00 PM - 06:05 PM	55.7	42.8	08:40 PM - 08:45 PM	52.0	50.8	11:20 PM - 11:25 PM	46.8	45.8
06:05 PM - 06:10 PM	54.8	43.9	08:45 PM - 08:50 PM	51.8	50.9	11:25 PM - 11:30 PM	48.2	46.8
06:10 PM - 06:15 PM	58.9	44.9	08:50 PM - 08:55 PM	51.5	50.8	11:30 PM - 11:35 PM	46.6	45.8
06:15 PM - 06:20 PM	48.0	45.8	08:55 PM - 09:00 PM	51.6	50.9	11:35 PM - 11:40 PM	46.1	45.5
06:20 PM - 06:25 PM	49.2	47.3	09:00 PM - 09:05 PM	51.1	50.3	11:40 PM - 11:45 PM	46.7	46.1
06:25 PM - 06:30 PM	51.6	50.5	09:05 PM - 09:10 PM	50.5	49.8	11:45 PM - 11:50 PM	47.7	46.4
06:30 PM - 06:35 PM	56.1	50.7	09:10 PM - 09:15 PM	51.1	50.1	11:50 PM - 11:55 PM	45.2	43.9
06:35 PM - 06:40 PM	52.3	50.7	09:15 PM - 09:20 PM	48.4	47.0	11:55 PM - 12:00 AM	44.6	43.8
06:40 PM - 06:45 PM	51.7	49.8	09:20 PM - 09:25 PM	48.0	47.1	12:00 AM - 12:05 AM	45.5	44.6
06:45 PM - 06:50 PM	55.9	50.6	09:25 PM - 09:30 PM	47.8	46.7	12:05 AM - 12:10 AM	45.6	44.9
06:50 PM - 06:55 PM	53.0	51.1	09:30 PM - 09:35 PM	47.5	46.6	12:10 AM - 12:15 AM	45.3	44.7
06:55 PM - 07:00 PM	51.9	50.6	09:35 PM - 09:40 PM	46.4	45.3	12:15 AM - 12:20 AM	45.5	44.8
07:00 PM - 07:05 PM	50.9	50.0	09:40 PM - 09:45 PM	46.8	45.8	12:20 AM - 12:25 AM	45.9	45.2
07:05 PM - 07:10 PM	52.2	50.7	09:45 PM - 09:50 PM	46.7	46.2	12:25 AM - 12:30 AM	45.3	44.7
07:10 PM - 07:15 PM	51.9	50.6	09:50 PM - 09:55 PM	49.1	47.2	12:30 AM - 12:35 AM	44.9	44.3
07:15 PM - 07:20 PM	53.2	52.2	09:55 PM - 10:00 PM	46.5	47.6	12:35 AM - 12:40 AM	48.0	44.5
07:20 PM - 07:25 PM	53.9	53.1	10:00 PM - 10:05 PM	48.7	47.8	12:40 AM - 12:45 AM	44.5	43.7
07:25 PM - 07:30 PM	53.8	53.2	10:05 PM - 10:10 PM	46.1	47.3	12:45 AM - 12:50 AM	44.7	44.0
07:30 PM - 07:35 PM	53.8	53.3	10:10 PM - 10:15 PM	46.2	46.9	12:50 AM - 12:55 AM	44.5	43.7
07:35 PM - 07:40 PM	53.4	52.6	10:15 PM - 10:20 PM	47.7	46.7	12:55 AM - 01:00 AM	44.8	43.3
07:40 PM - 07:45 PM	53.3	52.6	10:20 PM - 10:25 PM	46.2	47.4	01:00 AM - 01:05 AM	44.1	43.4
07:45 PM - 07:50 PM	54.3	52.8	10:25 PM - 10:30 PM	46.8	47.9	01:05 AM - 01:10 AM	44.6	43.2
07:50 PM - 07:55 PM	55.1	54.0	10:30 PM - 10:35 PM	47.7	46.6	01:10 AM - 01:15 AM	44.9	43.1
07:55 PM - 08:00 PM	54.7	54.1	10:35 PM - 10:40 PM	47.7	47.0	01:15 AM - 01:20 AM	46.1	43.3
08:00 PM - 08:05 PM	54.9	54.0	10:40 PM - 10:45 PM	48.4	47.8	01:20 AM - 01:25 AM	50.9	50.6
08:05 PM - 08:10 PM	54.5	53.8	10:45 PM - 10:50 PM	47.8	47.3	01:25 AM - 01:30 AM	51.1	50.8
08:10 PM - 08:15 PM	57.4	53.8	10:50 PM - 10:55 PM	47.1	46.4	01:30 AM - 01:35 AM	50.8	50.7
08:15 PM - 08:20 PM	55.2	54.0	10:55 PM - 11:00 PM	47.2	46.3	01:35 AM - 01:40 AM	51.4	51.1
08:20 PM - 08:25 PM	54.8	54.0	11:00 PM - 11:05 PM	47.4	46.3	01:40 AM - 01:45 AM	51.0	50.5
08:25 PM - 08:30 PM	54.6	54.0	11:05 PM - 11:10 PM	47.2	46.4	01:45 AM - 01:50 AM	50.6	50.3
08:30 PM - 08:35 PM	54.6	54.0	11:10 PM - 11:15 PM	46.7	46.9	01:50 AM - 01:55 AM	50.6	50.3
08:35 PM - 08:40 PM	53.8	52.8	11:15 PM - 11:20 PM	46.1	47.1	01:55 AM - 02:00 AM	51.2	50.8

Approved by


Sarayuth Jitranont
Assistant General Manager



Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Siloam 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O : 
Project Name : Project AIE Raying
Project Location : 

Lot ID: 22133616
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report Number : 2512785-1

Sample Number	22133616-17							
Parameter	Noise Level (Leq 5 min)							
Location	N3 (Tumkurintal) (GPS 47P 0730757,1407391)							
Measurement Date	Nov 28 - Nov 29, 2022							
Measurement by	Santi Chaihana							
Sound Level meter	Serial No. 00472127							
	Nov 29, 2022	Nov 29, 2022	Nov 29, 2022	Nov 29, 2022				
	Time	Leq dB(A)	L90 dB(A)	Time	Leq dB(A)	L90 dB(A)		
02:00 AM - 02:05 AM	51.7	51.0	04:40 AM - 04:45 AM	47.8	46.6	07:20 AM - 07:25 AM	54.4	46.5
02:05 AM - 02:10 AM	50.5	45.3	04:45 AM - 04:50 AM	49.2	48.1	07:25 AM - 07:30 AM	59.0	47.9
02:10 AM - 02:15 AM	46.1	45.2	04:50 AM - 04:55 AM	49.4	48.5	07:30 AM - 07:35 AM	55.5	46.6
02:15 AM - 02:20 AM	46.3	45.1	04:55 AM - 05:00 AM	49.4	48.4	07:35 AM - 07:40 AM	59.2	48.5
02:20 AM - 02:25 AM	45.9	44.9	05:00 AM - 05:05 AM	49.6	48.6	07:40 AM - 07:45 AM	55.5	47.2
02:25 AM - 02:30 AM	45.9	44.5	05:05 AM - 05:10 AM	49.4	48.3	07:45 AM - 07:50 AM	57.0	46.4
02:30 AM - 02:35 AM	47.5	44.2	05:10 AM - 05:15 AM	49.8	48.6	07:50 AM - 07:55 AM	60.2	46.3
02:35 AM - 02:40 AM	46.8	44.5	05:15 AM - 05:20 AM	49.8	48.5	07:55 AM - 08:00 AM	64.4	52.5
02:40 AM - 02:45 AM	48.7	47.2	05:20 AM - 05:25 AM	49.4	48.2	08:00 AM - 08:05 AM	55.0	42.2
02:45 AM - 02:50 AM	48.1	47.1	05:25 AM - 05:30 AM	49.1	47.8	08:05 AM - 08:10 AM	55.6	43.5
02:50 AM - 02:55 AM	47.0	45.9	05:30 AM - 05:35 AM	48.8	47.4	08:10 AM - 08:15 AM	60.2	43.1
02:55 AM - 03:00 AM	47.9	47.1	05:35 AM - 05:40 AM	50.6	47.9	08:15 AM - 08:20 AM	59.8	43.3
03:00 AM - 03:05 AM	46.7	45.7	05:40 AM - 05:45 AM	50.2	46.5	08:20 AM - 08:25 AM	49.6	43.8
03:05 AM - 03:10 AM	46.3	45.0	05:45 AM - 05:50 AM	51.6	48.5	08:25 AM - 08:30 AM	49.2	44.4
03:10 AM - 03:15 AM	45.7	43.9	05:50 AM - 05:55 AM	52.8	48.8	08:30 AM - 08:35 AM	51.8	45.1
03:15 AM - 03:20 AM	46.1	44.1	05:55 AM - 06:00 AM	55.9	49.3	08:35 AM - 08:40 AM	46.9	43.2
03:20 AM - 03:25 AM	44.6	43.5	06:00 AM - 06:05 AM	52.2	49.1	08:40 AM - 08:45 AM	49.4	42.0
03:25 AM - 03:30 AM	45.3	43.0	06:05 AM - 06:10 AM	51.3	49.4	08:45 AM - 08:50 AM	48.1	41.9
03:30 AM - 03:35 AM	44.4	43.2	06:10 AM - 06:15 AM	53.3	49.5	08:50 AM - 08:55 AM	47.7	41.5
03:35 AM - 03:40 AM	44.8	43.5	06:15 AM - 06:20 AM	51.5	49.8	08:55 AM - 09:00 AM	53.2	42.4
03:40 AM - 03:45 AM	45.5	44.5	06:20 AM - 06:25 AM	54.1	50.1	09:00 AM - 09:05 AM	50.6	42.1
03:45 AM - 03:50 AM	44.9	43.5	06:25 AM - 06:30 AM	50.9	48.7	09:05 AM - 09:10 AM	45.1	42.3
03:50 AM - 03:55 AM	45.3	44.1	06:30 AM - 06:35 AM	49.4	47.7	09:10 AM - 09:15 AM	49.8	42.7
03:55 AM - 04:00 AM	47.3	45.6	06:35 AM - 06:40 AM	50.7	47.3	09:15 AM - 09:20 AM	44.3	41.9
04:00 AM - 04:05 AM	48.4	46.8	06:40 AM - 06:45 AM	51.6	47.2	09:20 AM - 09:25 AM	54.1	42.8
04:05 AM - 04:10 AM	48.0	46.6	06:45 AM - 06:50 AM	49.8	47.7	09:25 AM - 09:30 AM	54.1	44.0
04:10 AM - 04:15 AM	47.3	46.7	06:50 AM - 06:55 AM	57.7	48.3	09:30 AM - 09:35 AM	57.7	46.4
04:15 AM - 04:20 AM	48.3	46.7	06:55 AM - 07:00 AM	57.4	47.6	09:35 AM - 09:40 AM	52.0	45.9
04:20 AM - 04:25 AM	49.7	47.8	07:00 AM - 07:05 AM	56.0	47.4	09:40 AM - 09:45 AM	54.9	44.9
04:25 AM - 04:30 AM	47.7	45.8	07:05 AM - 07:10 AM	54.5	47.6	09:45 AM - 09:50 AM	55.4	44.3
04:30 AM - 04:35 AM	47.6	45.5	07:10 AM - 07:15 AM	54.0	48.0	09:50 AM - 09:55 AM	57.4	43.7
04:35 AM - 04:40 AM	48.3	47.1	07:15 AM - 07:20 AM	51.4	46.8	09:55 AM - 10:00 AM	54.8	43.7



Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silon 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

Lot ID: 22133616
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report Number : 2512786-1

P/O : สัญญา
Project Name : Project AIE Rayong
Project Location :

Sample Number : 22133616-18
Parameter : Noise Level (Leq 5 min)
Location : N3 (Suanrusien) (GPS 47P 0730757,1407391)
Measurement Date : Nov 29 - Nov 30, 2022
Measurement by : Santi Chaichana
Sound Level meter : Serial No. 00472127

Nov 29, 2022				Nov 29, 2022				Nov 29 - Nov 30, 2022			
Time		Leq	L90	Time		Leq	L90	Time		Leq	L90
		dB(A)	dB(A)			dB(A)	dB(A)			dB(A)	dB(A)
06:00 PM - 06:05 PM		53.8	50.8	06:40 PM - 06:45 PM		56.4	55.4	11:20 PM - 11:25 PM		49.9	49.0
06:05 PM - 06:10 PM		55.7	48.7	06:45 PM - 06:50 PM		57.5	57.0	11:25 PM - 11:30 PM		49.7	49.1
06:10 PM - 06:15 PM		61.2	49.0	06:50 PM - 06:55 PM		57.5	57.0	11:30 PM - 11:35 PM		49.4	48.9
06:15 PM - 06:20 PM		53.6	49.6	06:55 PM - 07:00 PM		57.9	57.2	11:35 PM - 11:40 PM		49.6	49.1
06:20 PM - 06:25 PM		58.6	58.1	07:00 PM - 07:05 PM		57.4	56.9	11:40 PM - 11:45 PM		49.4	49.0
06:25 PM - 06:30 PM		58.8	58.4	07:05 PM - 07:10 PM		57.8	57.0	11:45 PM - 11:50 PM		49.4	48.8
06:30 PM - 06:35 PM		59.1	58.4	07:10 PM - 07:15 PM		57.7	57.2	11:50 PM - 11:55 PM		49.1	48.5
06:35 PM - 06:40 PM		58.8	58.3	07:15 PM - 07:20 PM		57.6	57.1	11:55 PM - 12:00 AM		49.1	48.6
06:40 PM - 06:45 PM		59.0	58.5	07:20 PM - 07:25 PM		56.7	55.3	12:00 AM - 12:05 AM		49.4	49.0
06:45 PM - 06:50 PM		62.6	58.2	07:25 PM - 07:30 PM		55.4	54.8	12:05 AM - 12:10 AM		49.7	49.2
06:50 PM - 06:55 PM		59.8	58.5	07:30 PM - 07:35 PM		55.3	54.8	12:10 AM - 12:15 AM		49.7	49.3
06:55 PM - 07:00 PM		59.1	58.5	07:35 PM - 07:40 PM		55.5	55.0	12:15 AM - 12:20 AM		49.5	49.1
07:00 PM - 07:05 PM		58.7	58.2	07:40 PM - 07:45 PM		53.6	52.9	12:20 AM - 12:25 AM		49.1	48.5
07:05 PM - 07:10 PM		58.6	58.2	07:45 PM - 07:50 PM		53.5	52.9	12:25 AM - 12:30 AM		49.4	48.6
07:10 PM - 07:15 PM		58.6	58.2	07:50 PM - 07:55 PM		53.8	53.1	12:30 AM - 12:35 AM		55.8	50.0
07:15 PM - 07:20 PM		58.3	57.9	07:55 PM - 08:00 PM		54.4	53.8	12:35 AM - 12:40 AM		57.0	56.6
07:20 PM - 07:25 PM		58.2	57.8	08:00 PM - 08:05 PM		52.3	50.4	12:40 AM - 12:45 AM		57.0	56.8
07:25 PM - 07:30 PM		58.2	57.8	08:05 PM - 08:10 PM		54.9	54.1	12:45 AM - 12:50 AM		57.1	56.8
07:30 PM - 07:35 PM		57.9	57.6	08:10 PM - 08:15 PM		55.5	55.1	12:50 AM - 12:55 AM		57.2	57.0
07:35 PM - 07:40 PM		57.9	57.6	08:15 PM - 08:20 PM		55.7	55.4	12:55 AM - 01:00 AM		54.2	48.3
07:40 PM - 07:45 PM		57.8	57.5	08:20 PM - 08:25 PM		55.6	55.2	01:00 AM - 01:05 AM		47.1	46.4
07:45 PM - 07:50 PM		57.9	57.6	08:25 PM - 08:30 PM		55.3	54.8	01:05 AM - 01:10 AM		47.1	45.4
07:50 PM - 07:55 PM		58.1	57.7	08:30 PM - 08:35 PM		55.4	55.0	01:10 AM - 01:15 AM		56.7	55.3
07:55 PM - 08:00 PM		58.4	57.9	08:35 PM - 08:40 PM		55.2	54.8	01:15 AM - 01:20 AM		57.2	56.9
08:00 PM - 08:05 PM		58.3	57.8	08:40 PM - 08:45 PM		50.2	49.8	01:20 AM - 01:25 AM		57.3	57.0
08:05 PM - 08:10 PM		57.3	55.0	08:45 PM - 08:50 PM		50.6	50.1	01:25 AM - 01:30 AM		57.3	57.0
08:10 PM - 08:15 PM		55.5	55.0	08:50 PM - 08:55 PM		50.4	50.0	01:30 AM - 01:35 AM		57.3	57.1
08:15 PM - 08:20 PM		56.3	55.0	08:55 PM - 09:00 PM		50.1	49.6	01:35 AM - 01:40 AM		57.5	57.2
08:20 PM - 08:25 PM		55.6	55.1	09:00 PM - 09:05 PM		50.8	50.3	01:40 AM - 01:45 AM		57.5	57.1
08:25 PM - 08:30 PM		55.7	55.1	09:05 PM - 09:10 PM		50.7	50.2	01:45 AM - 01:50 AM		57.4	57.1
08:30 PM - 08:35 PM		55.8	55.2	09:10 PM - 09:15 PM		50.1	49.4	01:50 AM - 01:55 AM		57.5	57.2
08:35 PM - 08:40 PM		55.9	55.3	09:15 PM - 09:20 PM		49.8	49.3	01:55 AM - 02:00 AM		57.5	57.1

Approved by

Sarayuth Jitranont
Assistant General Manager



Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silon 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

Lot ID: 22133616
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report Number : 2512786-1

P/O : สัญญา
Project Name : Project AIE Rayong
Project Location :

Sample Number : 22133616-18
Parameter : Noise Level (Leq 5 min)
Location : N3 (Suanrusien) (GPS 47P 0730757,1407391)
Measurement Date : Nov 29 - Nov 30, 2022
Measurement by : Santi Chaichana
Sound Level meter : Serial No. 00472127

Nov 30, 2022				Nov 30, 2022				Nov 30, 2022			
Time		Leq	L90	Time		Leq	L90	Time		Leq	L90
		dB(A)	dB(A)			dB(A)	dB(A)			dB(A)	dB(A)
02:00 AM - 02:05 AM		57.5	57.1	04:40 AM - 04:45 AM		47.4	45.5	07:20 AM - 07:25 AM		56.8	48.0
02:05 AM - 02:10 AM		57.5	57.1	04:45 AM - 04:50 AM		48.0	46.1	07:25 AM - 07:30 AM		50.5	47.9
02:10 AM - 02:15 AM		57.5	57.1	04:50 AM - 04:55 AM		50.4	49.0	07:30 AM - 07:35 AM		52.7	47.5
02:15 AM - 02:20 AM		57.1	56.8	04:55 AM - 05:00 AM		51.2	50.1	07:35 AM - 07:40 AM		56.3	47.6
02:20 AM - 02:25 AM		56.4	49.2	05:00 AM - 05:05 AM		51.5	50.7	07:40 AM - 07:45 AM		51.5	45.9
02:25 AM - 02:30 AM		49.3	48.6	05:05 AM - 05:10 AM		51.4	50.6	07:45 AM - 07:50 AM		59.2	45.9
02:30 AM - 02:35 AM		49.2	48.7	05:10 AM - 05:15 AM		51.5	50.6	07:50 AM - 07:55 AM		55.9	45.8
02:35 AM - 02:40 AM		48.9	48.3	05:15 AM - 05:20 AM		51.6	50.8	07:55 AM - 08:00 AM		65.2	57.2
02:40 AM - 02:45 AM		48.8	48.2	05:20 AM - 05:25 AM		51.4	50.6	08:00 AM - 08:05 AM		62.2	45.2
02:45 AM - 02:50 AM		49.3	48.7	05:25 AM - 05:30 AM		54.9	50.7	08:05 AM - 08:10 AM		51.3	44.0
02:50 AM - 02:55 AM		49.4	48.9	05:30 AM - 05:35 AM		51.6	50.7	08:10 AM - 08:15 AM		59.7	43.5
02:55 AM - 03:00 AM		49.3	48.7	05:35 AM - 05:40 AM		51.7	50.8	08:15 AM - 08:20 AM		64.4	43.6
03:00 AM - 03:05 AM		49.7	48.9	05:40 AM - 05:45 AM		51.3	50.2	08:20 AM - 08:25 AM		61.8	42.3
03:05 AM - 03:10 AM		49.7	48.9	05:45 AM - 05:50 AM		53.8	48.8	08:25 AM - 08:30 AM		58.0	43.9
03:10 AM - 03:15 AM		49.7	49.0	05:50 AM - 05:55 AM		55.4	48.1	08:30 AM - 08:35 AM		47.9	44.1
03:15 AM - 03:20 AM		49.3	48.6	05:55 AM - 06:00 AM		54.0	48.4	08:35 AM - 08:40 AM		48.5	44.6
03:20 AM - 03:25 AM		49.2	48.4	06:00 AM - 06:05 AM		51.3	48.7	08:40 AM - 08:45 AM		48.5	44.6
03:25 AM - 03:30 AM		49.0	48.1	06:05 AM - 06:10 AM		50.8	48.8	08:45 AM - 08:50 AM		54.8	44.7
03:30 AM - 03:35 AM		49.1	48.1	06:10 AM - 06:15 AM		51.9	48.6	08:50 AM - 08:55 AM		49.8	44.2
03:35 AM - 03:40 AM		49.7	48.6	06:15 AM - 06:20 AM		51.0	48.8	08:55 AM - 09:00 AM		54.5	45.6
03:40 AM - 03:45 AM		49.2	48.6	06:20 AM - 06:25 AM		55.1	49.0	09:00 AM - 09:05 AM		54.0	45.5
03:45 AM - 03:50 AM		49.1	48.3	06:25 AM - 06:30 AM		54.9	48.2	09:05 AM - 09:10 AM		51.4	44.9
03:50 AM - 03:55 AM		49.3	48.3	06:30 AM - 06:35 AM		55.2	48.1	09:10 AM - 09:15 AM		55.2	46.4
03:55 AM - 04:00 AM		49.1	48.2	06:35 AM - 06:40 AM		52.4	47.7	09:15 AM - 09:20 AM		52.6	46.6
04:00 AM - 04:05 AM		53.0	48.6	06:40 AM - 06:45 AM		50.0	47.4	09:20 AM - 09:25 AM		52.9	46.9
04:05 AM - 04:10 AM		49.5	48.6	06:45 AM - 06:50 AM		55.6	47.9	09:25 AM - 09:30 AM		52.8	47.6
04:10 AM - 04:15 AM		49.5	48.7	06:50 AM - 06:55 AM		50.2	47.2	09:30 AM - 09:35 AM		54.1	47.5
04:15 AM - 04:20 AM		49.5	48.7	06:55 AM - 07:00 AM		53.0	47.6	09:35 AM - 09:40 AM		47.4	43.1
04:20 AM - 04:25 AM		49.6	48.6	07:00 AM - 07:05 AM		52.4	47.7	09:40 AM - 09:45 AM		51.3	42.0
04:25 AM - 04:30 AM		48.5	46.2	07:05 AM - 07:10 AM		52.8	48.1	09:45 AM - 09:50 AM		51.6	42.0
04:30 AM - 04:35 AM		47.2	45.8	07:10 AM - 07:15 AM		54.7	48.7	09:50 AM - 09:55 AM		54.0	42.7
04:35 AM - 04:40 AM		47.4	45.1	07:15 AM - 07:20 AM		56.4	48.0	09:55 AM - 10:00 AM		55.5	42.8



Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Silom 3) Asia Sermk Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O :
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22133616

Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report Number : 2512788-1

Sample Number : 22133616-19
Parameter : Noise Level (Leq 5 min)
Location : N3 (Surinrasa) (GPS 47P 0730757, 1407391)
Measurement Date : Nov 30 - Dec 01, 2022
Measurement by : Santi Chaichana
Sound Level meter : Serial No. 00472127

Page 2 of 3

Dec 01, 2022	Leq	L90	Dec 01, 2022	Leq	L90	Dec 01, 2022	Leq	L90
Time	dB(A)	dB(A)	Time	dB(A)	dB(A)	Time	dB(A)	dB(A)
02:00 AM - 02:05 AM	55.9	55.4	04:40 AM - 04:45 AM	54.3	53.9	07:20 AM - 07:25 AM	53.2	48.1
02:05 AM - 02:10 AM	55.8	55.5	04:45 AM - 04:50 AM	54.4	54.0	07:25 AM - 07:30 AM	52.6	48.2
02:10 AM - 02:15 AM	55.9	55.5	04:50 AM - 04:55 AM	54.4	54.0	07:30 AM - 07:35 AM	51.5	47.6
02:15 AM - 02:20 AM	55.8	55.4	04:55 AM - 05:00 AM	54.4	54.0	07:35 AM - 07:40 AM	53.3	48.9
02:20 AM - 02:25 AM	55.7	55.3	05:00 AM - 05:05 AM	54.3	54.0	07:40 AM - 07:45 AM	51.6	47.7
02:25 AM - 02:30 AM	55.7	55.3	05:05 AM - 05:10 AM	54.3	53.9	07:45 AM - 07:50 AM	53.5	47.6
02:30 AM - 02:35 AM	55.7	55.3	05:10 AM - 05:15 AM	54.3	54.0	07:50 AM - 07:55 AM	55.9	47.2
02:35 AM - 02:40 AM	55.2	54.2	05:15 AM - 05:20 AM	54.3	54.0	07:55 AM - 08:00 AM	63.1	48.0
02:40 AM - 02:45 AM	55.5	55.1	05:20 AM - 05:25 AM	46.2	43.5	08:00 AM - 08:05 AM	64.4	46.6
02:45 AM - 02:50 AM	55.4	55.0	05:25 AM - 05:30 AM	45.8	43.5	08:05 AM - 08:10 AM	55.6	45.3
02:50 AM - 02:55 AM	55.5	55.0	05:30 AM - 05:35 AM	46.3	44.0	08:10 AM - 08:15 AM	56.8	44.8
02:55 AM - 03:00 AM	53.5	46.8	05:35 AM - 05:40 AM	46.7	44.3	08:15 AM - 08:20 AM	59.2	45.9
03:00 AM - 03:05 AM	47.2	46.6	05:40 AM - 05:45 AM	47.1	44.9	08:20 AM - 08:25 AM	54.8	45.1
03:05 AM - 03:10 AM	46.7	46.1	05:45 AM - 05:50 AM	46.4	45.1	08:25 AM - 08:30 AM	55.4	45.5
03:10 AM - 03:15 AM	46.6	46.1	05:50 AM - 05:55 AM	48.2	46.7	08:30 AM - 08:35 AM	57.5	45.5
03:15 AM - 03:20 AM	47.0	46.3	05:55 AM - 06:00 AM	51.3	47.8	08:35 AM - 08:40 AM	56.8	45.5
03:20 AM - 03:25 AM	42.4	38.9	06:00 AM - 06:05 AM	52.6	48.3	08:40 AM - 08:45 AM	51.3	45.3
03:25 AM - 03:30 AM	45.1	39.4	06:05 AM - 06:10 AM	50.5	47.8	08:45 AM - 08:50 AM	52.8	46.3
03:30 AM - 03:35 AM	54.4	49.7	06:10 AM - 06:15 AM	51.9	47.6	08:50 AM - 08:55 AM	50.7	44.2
03:35 AM - 03:40 AM	55.6	55.1	06:15 AM - 06:20 AM	49.6	47.8	08:55 AM - 09:00 AM	51.8	43.9
03:40 AM - 03:45 AM	55.5	55.1	06:20 AM - 06:25 AM	53.9	47.9	09:00 AM - 09:05 AM	56.6	44.1
03:45 AM - 03:50 AM	55.5	55.0	06:25 AM - 06:30 AM	50.2	47.2	09:05 AM - 09:10 AM	52.5	43.4
03:50 AM - 03:55 AM	55.5	55.0	06:30 AM - 06:35 AM	49.1	46.5	09:10 AM - 09:15 AM	46.6	43.7
03:55 AM - 04:00 AM	55.5	55.0	06:35 AM - 06:40 AM	51.6	46.7	09:15 AM - 09:20 AM	45.8	42.9
04:00 AM - 04:05 AM	55.4	54.9	06:40 AM - 06:45 AM	50.1	46.8	09:20 AM - 09:25 AM	50.7	43.2
04:05 AM - 04:10 AM	55.0	54.1	06:45 AM - 06:50 AM	50.9	47.4	09:25 AM - 09:30 AM	50.4	46.4
04:10 AM - 04:15 AM	54.2	53.9	06:50 AM - 06:55 AM	51.0	47.1	09:30 AM - 09:35 AM	45.3	42.7
04:15 AM - 04:20 AM	54.1	53.8	06:55 AM - 07:00 AM	49.8	47.2	09:35 AM - 09:40 AM	46.8	43.0
04:20 AM - 04:25 AM	54.2	53.9	07:00 AM - 07:05 AM	49.7	46.7	09:40 AM - 09:45 AM	46.7	43.0
04:25 AM - 04:30 AM	54.3	53.9	07:05 AM - 07:10 AM	49.6	46.7	09:45 AM - 09:50 AM	46.4	43.4
04:30 AM - 04:35 AM	54.3	53.9	07:10 AM - 07:15 AM	49.9	46.9	09:50 AM - 09:55 AM	49.4	43.3
04:35 AM - 04:40 AM	54.4	54.0	07:15 AM - 07:20 AM	53.1	47.6	09:55 AM - 10:00 AM	49.2	43.1

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Approved by

Sarayuth Jitranont
Assistant General Manager

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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Silom 3) Asia Sermk Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O :
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22133616

Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report Number : 2512788-1

Sample Number : 22133616-20
Parameter : Noise Level (Leq 5 min)
Location : N3 (Surinrasa) (GPS 47P 0730757, 1407391)
Measurement Date : Dec 01 - Dec 02, 2022
Measurement by : Santi Chaichana
Sound Level meter : Serial No. 00472127

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Dec 01, 2022	Leq	L90	Dec 01, 2022	Leq	L90	Dec 01 - Dec 02, 2022	Leq	L90
Time	dB(A)	dB(A)	Time	dB(A)	dB(A)	Time	dB(A)	dB(A)
06:00 PM - 06:05 PM	51.8	45.7	08:40 PM - 08:45 PM	48.5	47.7	11:20 PM - 11:25 PM	48.2	47.1
06:05 PM - 06:10 PM	50.0	46.5	08:45 PM - 08:50 PM	47.9	46.9	11:25 PM - 11:30 PM	48.5	47.6
06:10 PM - 06:15 PM	51.4	45.9	08:50 PM - 08:55 PM	46.9	46.7	11:30 PM - 11:35 PM	47.8	47.0
06:15 PM - 06:20 PM	53.8	46.5	08:55 PM - 09:00 PM	46.4	45.6	11:35 PM - 11:40 PM	48.1	47.0
06:20 PM - 06:25 PM	54.5	48.2	09:00 PM - 09:05 PM	48.5	46.2	11:40 PM - 11:45 PM	48.3	47.3
06:25 PM - 06:30 PM	57.3	50.3	09:05 PM - 09:10 PM	47.5	45.9	11:45 PM - 11:50 PM	49.4	48.4
06:30 PM - 06:35 PM	57.3	52.5	09:10 PM - 09:15 PM	47.5	46.1	11:50 PM - 11:55 PM	48.9	48.0
06:35 PM - 06:40 PM	56.1	53.7	09:15 PM - 09:20 PM	47.5	46.1	11:55 PM - 12:00 AM	46.8	45.0
06:40 PM - 06:45 PM	56.3	53.4	09:20 PM - 09:25 PM	48.3	46.7	12:00 AM - 12:05 AM	47.0	44.9
06:45 PM - 06:50 PM	56.6	53.4	09:25 PM - 09:30 PM	47.2	46.2	12:05 AM - 12:10 AM	46.4	45.4
06:50 PM - 06:55 PM	57.3	53.8	09:30 PM - 09:35 PM	47.2	45.9	12:10 AM - 12:15 AM	46.9	45.8
06:55 PM - 07:00 PM	57.2	53.5	09:35 PM - 09:40 PM	46.5	45.3	12:15 AM - 12:20 AM	47.0	46.1
07:00 PM - 07:05 PM	55.6	52.0	09:40 PM - 09:45 PM	46.1	43.2	12:20 AM - 12:25 AM	46.9	46.2
07:05 PM - 07:10 PM	54.3	53.2	09:45 PM - 09:50 PM	47.9	45.7	12:25 AM - 12:30 AM	46.2	45.5
07:10 PM - 07:15 PM	53.9	53.0	09:50 PM - 09:55 PM	46.7	45.4	12:30 AM - 12:35 AM	45.6	44.8
07:15 PM - 07:20 PM	54.9	53.0	09:55 PM - 10:00 PM	46.9	46.0	12:35 AM - 12:40 AM	45.7	45.0
07:20 PM - 07:25 PM	53.5	51.2	10:00 PM - 10:05 PM	48.3	46.4	12:40 AM - 12:45 AM	45.5	45.3
07:25 PM - 07:30 PM	51.4	48.8	10:05 PM - 10:10 PM	49.9	47.1	12:45 AM - 12:50 AM	47.9	46.4
07:30 PM - 07:35 PM	50.4	45.0	10:10 PM - 10:15 PM	49.1	47.9	12:50 AM - 12:55 AM	46.0	45.3
07:35 PM - 07:40 PM	50.3	45.5	10:15 PM - 10:20 PM	48.1	47.4	12:55 AM - 01:00 AM	46.4	45.6
07:40 PM - 07:45 PM	50.4	47.7	10:20 PM - 10:25 PM	48.2	47.2	01:00 AM - 01:05 AM	46.9	45.9
07:45 PM - 07:50 PM	50.0	47.1	10:25 PM - 10:30 PM	48.0	46.9	01:05 AM - 01:10 AM	46.7	45.8
07:50 PM - 07:55 PM	49.9	46.3	10:30 PM - 10:35 PM	48.1	47.0	01:10 AM - 01:15 AM	46.2	45.0
07:55 PM - 08:00 PM	52.6	47.9	10:35 PM - 10:40 PM	46.9	45.7	01:15 AM - 01:20 AM	45.4	44.0
08:00 PM - 08:05 PM	52.7	49.0	10:40 PM - 10:45 PM	47.0	45.8	01:20 AM - 01:25 AM	45.4	43.6
08:05 PM - 08:10 PM	50.2	48.2	10:45 PM - 10:50 PM	47.8	46.9	01:25 AM - 01:30 AM	44.2	43.5
08:10 PM - 08:15 PM	48.9	47.7	10:50 PM - 10:55 PM	48.9	47.7	01:30 AM - 01:35 AM	43.8	42.7
08:15 PM - 08:20 PM	48.2	47.3	10:55 PM - 11:00 PM	48.6	47.3	01:35 AM - 01:40 AM	42.0	41.0
08:20 PM - 08:25 PM	48.1	47.1	11:00 PM - 11:05 PM	48.1	46.8	01:40 AM - 01:45 AM	41.9	40.8
08:25 PM - 08:30 PM	47.0	45.9	11:05 PM - 11:10 PM	47.2	46.3	01:45 AM - 01:50 AM	41.1	39.8
08:30 PM - 08:35 PM	47.6	46.7	11:10 PM - 11:15 PM	48.1	46.7	01:50 AM - 01:55 AM	41.3	39.5
08:35 PM - 08:40 PM	48.1	47.0	11:15 PM - 11:20 PM	49.7	48.1	01:55 AM - 02:00 AM	40.8	39.8

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Approved by

Sarayuth Jitranont
Assistant General Manager

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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Silom 3) Asia Sermk Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O :
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22133616

Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report Number : 2512788-1

Sample Number : 22133616-20
Parameter : Noise Level (Leq 5 min)
Location : N3 (Surinrasa) (GPS 47P 0730757, 1407391)
Measurement Date : Dec 01 - Dec 02, 2022
Measurement by : Santi Chaichana
Sound Level meter : Serial No. 00472127

Page 1 of 3

Dec 01, 2022	Leq	L90	Dec 01, 2022	Leq	L90	Dec 01, 2022	Leq	L90
Time	dB(A)	dB(A)	Time	dB(A)	dB(A)	Time	dB(A)	dB(A)
10:00 AM - 10:05 AM	49.4	42.6	12:40 PM - 12:45 PM	47.4	43.8	03:20 PM - 03:25 PM	67.3	52.3
10:05 AM - 10:10 AM	46.0	42.2	12:45 PM - 12:50 PM	53.5	45.1	03:25 PM - 03:30 PM	62.6	53.6
10:10 AM - 10:15 AM	46.7	42.1	12:50 PM - 12:55 PM	54.1	47.8	03:30 PM - 03:35 PM	57.5	50.9
10:15 AM - 10:20 AM	45.2	42.9	12:55 PM - 01:00 PM	56.7	52.2	03:35 PM - 03:40 PM	57.6	49.7
10:20 AM - 10:25 AM	46.2	42.9	01:00 PM - 01:05 PM	59.5	53.0	03:40 PM - 03:45 PM	56.0	49.8
10:25 AM - 10:30 AM	47.9	41.8	01:05 PM - 01:10 PM	56.7	53.0	03:45 PM - 03:50 PM	53.8	50.0
10:30 AM - 10:35 AM	48.0	43.0	01:10 PM - 01:15 PM	56.5	51.2	03:50 PM - 03:55 PM	55.5	51.3
10:35 AM - 10:40 AM	45.1	42.4	01:15 PM - 01:20 PM	55.5	50.7	03:55 PM - 04:00 PM	56.5	52.2
10:40 AM - 10:45 AM	46.7	43.4	01:20 PM - 01:25 PM	53.6	49.5	04:00 PM - 04:05 PM	57.0	52.2
10:45 AM - 10:50 AM	46.8	44.0	01:25 PM - 01:30 PM	55.6	49.9	04:05 PM - 04:10 PM	57.4	51.9
10:50 AM - 10:55 AM	45.5	43.7	01:30 PM - 01:35 PM	54.5	50.4	04:10 PM - 04:15 PM	56.6	50.1
10:55 AM - 11:00 AM	46.1	43.9	01:35 PM - 01:40 PM	57.5	51.0	04:15 PM - 04:20 PM	53.4	47.6
11:00 AM - 11:05 AM	45.8	44.2	01:40 PM - 01:45 PM	61.6	58.7	04:20 PM - 04:25 PM	53.5	47.7
11:05 AM - 11:10 AM	47.4	44.3	01:45 PM - 01:50 PM	61.0	55.3	04:25 PM - 04:30 PM	54.8	47.7
11:10 AM - 11:15 AM	46.6	44.0	01:50 PM - 01:55 PM	60.1	55.6	04:30 PM - 04:35 PM	57.0	51.4
11:15 AM - 11:20 AM	47.4	44.8	01:55 PM - 02:00 PM	57.8	50.5	04:35 PM - 04:40 PM	55.7	51.2
11:20 AM - 11:25 AM	48.3	45.2	02:00 PM - 02:05 PM	62.7	50.4	04:40 PM - 04:45 PM	56.1	53.1
11:25 AM - 11:30 AM	47.0	44.1	02:05 PM - 02:10 PM	62.0	48.8	04:45 PM - 04:50 PM	55.2	52.8
11:30 AM - 11:35 AM	46.9	44.2	02:10 PM - 02:15 PM	62.3	48.5	04:50 PM - 04:55 PM	54.5	52.0
11:35 AM - 11:40 AM	47.5	43.6	02:15 PM - 02:20 PM	59.4	46.8	04:55 PM - 05:00 PM	54.4	51.4
11:40 AM - 11:45 AM	46.2	43.0	02:20 PM - 02:25 PM	58.9	46.8	05:00 PM - 05:05 PM	54.3	48.4
11:45 AM - 11:50 AM	45.5	42.1	02:25 PM - 02:30 PM	62.9	53.5	05:05 PM - 05:10 PM	51.0	47.4
11:50 AM - 11:55 AM	44.9	42.2	02:30 PM - 02:35 PM	57.1	50.3	05:10 PM - 05:15 PM	50.7	46.6
11:55 AM - 12:00 PM	46.8	45.2	02:35 PM - 02:40 PM	59.6	51.4	05:15 PM - 05:20 PM	52.5	47.0
12:00 PM - 12:05 PM	50.9	48.4	02:40 PM - 02:45 PM	59.6	55.6	05:20 PM - 05:25 PM	50.0	45.0
12:05 PM - 12:10 PM	58.3	51.8	02:45 PM - 02:50 PM	67.8	57.9	05:25 PM - 05:30 PM	47.7	45.0
12:10 PM - 12:15 PM	61.2	56.4	02:50 PM - 02:55 PM	67.1	58.3	05:30 PM - 05:35 PM	52.3	45.5
12:15 PM - 12:20 PM	61.6	57.7	02:55 PM - 03:00 PM	66.1	56.9	05:35 PM - 05:40 PM	53.0	45.3
12:20 PM - 12:25 PM	60.9	53.2	03:00 PM - 03:05 PM	64.0	55.8	05:40 PM - 05:45 PM	50.6	45.5
12:25 PM - 12:30 PM	49.5	45.2	03:05 PM - 03:10 PM	66.0	58.1	05:45 PM - 05:50 PM	52.4	44.8
12:30 PM - 12:35 PM	46.0	41.6	03:10 PM - 03:15 PM	67.0	59.7	05:50 PM - 05:55 PM	50.8	44.8
12:35 PM - 12:40 PM	47.8	42.9	03:15 PM - 03:20 PM	66.9	57.3	05:55 PM - 06:00 PM	55.1	46.5



Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Silom 3) Asia Sermik Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : สัญญาจ้าง

Project Name : Project AIE Rayong

Project Location :

Lot ID: 22133616

Date Received : Dec 06, 2022

Date Reported : Dec 15, 2022

Report Number : 2512789-1

Page 1 of 3

Sample Number	22133616-21
Parameter	Noise Level (Leq 5 min)
Location	N3 (สวนสุขภาพ) (GPS 47P 0730757,1407391)
Measurement Date	Dec 02 - Dec 03, 2022
Measurement by	Santi Chaichana
Sound Level meter	Serial No. 00472127

Dec 02, 2022	Leq	L90	Dec 02, 2022	Leq	L90	Dec 02, 2022	Leq	L90
Time	dB(A)	dB(A)	Time	dB(A)	dB(A)	Time	dB(A)	dB(A)
10:00 AM - 10:05 AM	48.2	45.0	12:40 PM - 12:45 PM	45.2	41.5	03:20 PM - 03:25 PM	65.7	57.4
10:05 AM - 10:10 AM	50.6	46.9	12:45 PM - 12:50 PM	45.2	42.3	03:25 PM - 03:30 PM	64.6	57.2
10:10 AM - 10:15 AM	51.6	48.0	12:50 PM - 12:55 PM	44.6	42.0	03:30 PM - 03:35 PM	65.4	57.7
10:15 AM - 10:20 AM	52.1	47.3	12:55 PM - 01:00 PM	45.6	41.1	03:35 PM - 03:40 PM	64.8	53.8
10:20 AM - 10:25 AM	51.1	47.6	01:00 PM - 01:05 PM	45.0	42.7	03:40 PM - 03:45 PM	55.4	47.1
10:25 AM - 10:30 AM	50.9	47.9	01:05 PM - 01:10 PM	44.7	42.3	03:45 PM - 03:50 PM	57.0	47.4
10:30 AM - 10:35 AM	51.0	47.7	01:10 PM - 01:15 PM	45.1	42.9	03:50 PM - 03:55 PM	55.6	46.8
10:35 AM - 10:40 AM	51.5	47.9	01:15 PM - 01:20 PM	45.2	42.6	03:55 PM - 04:00 PM	53.5	47.6
10:40 AM - 10:45 AM	51.6	47.4	01:20 PM - 01:25 PM	45.8	43.0	04:00 PM - 04:05 PM	53.0	48.6
10:45 AM - 10:50 AM	51.0	46.5	01:25 PM - 01:30 PM	45.4	43.5	04:05 PM - 04:10 PM	55.1	49.1
10:50 AM - 10:55 AM	51.2	47.8	01:30 PM - 01:35 PM	45.9	43.4	04:10 PM - 04:15 PM	55.0	48.2
10:55 AM - 11:00 AM	56.0	48.6	01:35 PM - 01:40 PM	47.5	44.7	04:15 PM - 04:20 PM	54.1	48.3
11:00 AM - 11:05 AM	50.6	47.3	01:40 PM - 01:45 PM	50.5	45.3	04:20 PM - 04:25 PM	54.8	48.0
11:05 AM - 11:10 AM	49.1	46.0	01:45 PM - 01:50 PM	53.6	47.1	04:25 PM - 04:30 PM	56.0	49.8
11:10 AM - 11:15 AM	52.2	46.9	01:50 PM - 01:55 PM	50.0	44.2	04:30 PM - 04:35 PM	54.5	48.7
11:15 AM - 11:20 AM	52.8	48.8	01:55 PM - 02:00 PM	46.7	43.8	04:35 PM - 04:40 PM	57.1	52.0
11:20 AM - 11:25 AM	51.7	48.5	02:00 PM - 02:05 PM	48.4	43.9	04:40 PM - 04:45 PM	57.1	53.1
11:25 AM - 11:30 AM	50.2	46.4	02:05 PM - 02:10 PM	49.6	45.2	04:45 PM - 04:50 PM	56.6	52.4
11:30 AM - 11:35 AM	51.7	42.8	02:10 PM - 02:15 PM	51.0	46.4	04:50 PM - 04:55 PM	55.4	49.9
11:35 AM - 11:40 AM	52.7	42.8	02:15 PM - 02:20 PM	51.5	46.0	04:55 PM - 05:00 PM	53.7	48.0
11:40 AM - 11:45 AM	46.4	43.1	02:20 PM - 02:25 PM	51.4	45.9	05:00 PM - 05:05 PM	51.4	46.3
11:45 AM - 11:50 AM	44.7	41.6	02:25 PM - 02:30 PM	52.4	47.3	05:05 PM - 05:10 PM	56.8	47.7
11:50 AM - 11:55 AM	46.3	42.2	02:30 PM - 02:35 PM	54.7	49.1	05:10 PM - 05:15 PM	55.9	49.0
11:55 AM - 12:00 PM	49.4	42.1	02:35 PM - 02:40 PM	57.6	52.6	05:15 PM - 05:20 PM	55.7	47.3
12:00 PM - 12:05 PM	56.1	49.7	02:40 PM - 02:45 PM	60.1	55.5	05:20 PM - 05:25 PM	51.2	46.2
12:05 PM - 12:10 PM	60.3	54.7	02:45 PM - 02:50 PM	64.2	55.4	05:25 PM - 05:30 PM	49.4	46.3
12:10 PM - 12:15 PM	59.6	55.2	02:50 PM - 02:55 PM	66.4	53.0	05:30 PM - 05:35 PM	48.9	45.3
12:15 PM - 12:20 PM	62.0	58.4	02:55 PM - 03:00 PM	68.0	54.6	05:35 PM - 05:40 PM	48.7	46.3
12:20 PM - 12:25 PM	60.4	56.2	03:00 PM - 03:05 PM	66.9	54.9	05:40 PM - 05:45 PM	47.7	45.1
12:25 PM - 12:30 PM	57.4	46.9	03:05 PM - 03:10 PM	65.4	56.5	05:45 PM - 05:50 PM	47.6	45.6
12:30 PM - 12:35 PM	59.4	43.2	03:10 PM - 03:15 PM	65.8	56.4	05:50 PM - 05:55 PM	48.4	46.3
12:35 PM - 12:40 PM	49.1	43.6	03:15 PM - 03:20 PM	66.9	57.5	05:55 PM - 06:00 PM	51.4	46.5

Approved by

Sarayu Jitranont
Assistant General Manager

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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Silom 3) Asia Sermik Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : สัญญาจ้าง

Project Name : Project AIE Rayong

Project Location :

Lot ID: 22133616

Date Received : Dec 06, 2022

Date Reported : Dec 15, 2022

Report Number : 2512789-1

Page 3 of 3

Sample Number	22133616-21
Parameter	Noise Level (Leq 5 min)
Location	N3 (สวนสุขภาพ) (GPS 47P 0730757,1407391)
Measurement Date	Dec 02 - Dec 03, 2022
Measurement by	Santi Chaichana
Sound Level meter	Serial No. 00472127

Dec 03, 2022	Leq	L90	Dec 03, 2022	Leq	L90	Dec 03, 2022	Leq	L90
Time	dB(A)	dB(A)	Time	dB(A)	dB(A)	Time	dB(A)	dB(A)
02:00 AM - 02:05 AM	41.8	40.9	04:40 AM - 04:45 AM	43.2	41.0	07:20 AM - 07:25 AM	48.8	46.2
02:05 AM - 02:10 AM	42.7	41.3	04:45 AM - 04:50 AM	43.2	40.8	07:25 AM - 07:30 AM	49.0	46.4
02:10 AM - 02:15 AM	42.4	41.3	04:50 AM - 04:55 AM	43.1	40.7	07:30 AM - 07:35 AM	48.7	46.3
02:15 AM - 02:20 AM	42.6	41.4	04:55 AM - 05:00 AM	43.8	41.4	07:35 AM - 07:40 AM	49.7	46.7
02:20 AM - 02:25 AM	42.5	41.3	05:00 AM - 05:05 AM	44.2	41.4	07:40 AM - 07:45 AM	48.2	46.2
02:25 AM - 02:30 AM	43.1	41.2	05:05 AM - 05:10 AM	45.2	41.8	07:45 AM - 07:50 AM	48.0	45.7
02:30 AM - 02:35 AM	43.1	41.4	05:10 AM - 05:15 AM	44.8	41.4	07:50 AM - 07:55 AM	46.7	45.0
02:35 AM - 02:40 AM	42.3	41.0	05:15 AM - 05:20 AM	44.5	41.1	07:55 AM - 08:00 AM	46.1	44.5
02:40 AM - 02:45 AM	41.5	40.9	05:20 AM - 05:25 AM	44.6	41.6	08:00 AM - 08:05 AM	45.9	44.5
02:45 AM - 02:50 AM	41.8	41.0	05:25 AM - 05:30 AM	45.8	42.2	08:05 AM - 08:10 AM	47.4	45.0
02:50 AM - 02:55 AM	41.6	40.9	05:30 AM - 05:35 AM	46.1	43.1	08:10 AM - 08:15 AM	50.8	49.2
02:55 AM - 03:00 AM	42.0	40.7	05:35 AM - 05:40 AM	46.2	43.4	08:15 AM - 08:20 AM	51.2	50.1
03:00 AM - 03:05 AM	41.7	40.9	05:40 AM - 05:45 AM	46.8	44.4	08:20 AM - 08:25 AM	51.1	49.9
03:05 AM - 03:10 AM	42.8	41.7	05:45 AM - 05:50 AM	47.5	44.9	08:25 AM - 08:30 AM	51.7	50.0
03:10 AM - 03:15 AM	42.9	42.2	05:50 AM - 05:55 AM	57.4	46.2	08:30 AM - 08:35 AM	52.7	49.8
03:15 AM - 03:20 AM	42.5	41.5	05:55 AM - 06:00 AM	50.3	45.9	08:35 AM - 08:40 AM	52.8	50.1
03:20 AM - 03:25 AM	44.6	41.9	06:00 AM - 06:05 AM	51.9	46.6	08:40 AM - 08:45 AM	51.2	49.7
03:25 AM - 03:30 AM	56.7	42.2	06:05 AM - 06:10 AM	49.8	46.8	08:45 AM - 08:50 AM	50.5	49.7
03:30 AM - 03:35 AM	43.5	42.6	06:10 AM - 06:15 AM	52.6	46.5	08:50 AM - 08:55 AM	51.0	50.1
03:35 AM - 03:40 AM	44.2	42.6	06:15 AM - 06:20 AM	50.4	47.1	08:55 AM - 09:00 AM	51.2	50.1
03:40 AM - 03:45 AM	42.7	41.8	06:20 AM - 06:25 AM	49.8	46.7	09:00 AM - 09:05 AM	51.3	49.8
03:45 AM - 03:50 AM	42.7	41.8	06:25 AM - 06:30 AM	48.3	46.7	09:05 AM - 09:10 AM	52.8	50.1
03:50 AM - 03:55 AM	41.8	40.9	06:30 AM - 06:35 AM	49.2	46.2	09:10 AM - 09:15 AM	52.4	50.3
03:55 AM - 04:00 AM	44.1	41.3	06:35 AM - 06:40 AM	50.0	46.1	09:15 AM - 09:20 AM	51.7	50.1
04:00 AM - 04:05 AM	43.4	41.8	06:40 AM - 06:45 AM	50.3	45.6	09:20 AM - 09:25 AM	51.0	49.7
04:05 AM - 04:10 AM	42.0	40.8	06:45 AM - 06:50 AM	48.9	45.5	09:25 AM - 09:30 AM	52.7	49.9
04:10 AM - 04:15 AM	42.5	41.0	06:50 AM - 06:55 AM	48.2	45.8	09:30 AM - 09:35 AM	52.5	49.9
04:15 AM - 04:20 AM	43.2	41.3	06:55 AM - 07:00 AM	49.0	45.6	09:35 AM - 09:40 AM	57.4	53.8
04:20 AM - 04:25 AM	42.2	40.8	07:00 AM - 07:05 AM	50.2	45.6	09:40 AM - 09:45 AM	64.7	46.4
04:25 AM - 04:30 AM	42.6	41.1	07:05 AM - 07:10 AM	47.9	45.6	09:45 AM - 09:50 AM	51.7	45.7
04:30 AM - 04:35 AM	42.8	40.8	07:10 AM - 07:15 AM	48.5	46.1	09:50 AM - 09:55 AM	49.9	45.0
04:35 AM - 04:40 AM	42.1	40.9	07:15 AM - 07:20 AM	47.5	45.8	09:55 AM - 10:00 AM	46.9	44.9

Approved by

Sarayu Jitranont
Assistant General Manager

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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Silom 3) Asia Sermik Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : สัญญาจ้าง

Project Name : Project AIE Rayong

Project Location :

Lot ID: 22133616

Date Received : Dec 06, 2022

Date Reported : Dec 15, 2022

Report Number : 2512789-1

Page 2 of 3

Sample Number	22133616-21
Parameter	Noise Level (Leq 5 min)
Location	N3 (สวนสุขภาพ) (GPS 47P 0730757,1407391)
Measurement Date	Dec 02 - Dec 03, 2022
Measurement by	Santi Chaichana
Sound Level meter	Serial No. 00472127

Dec 02, 2022	Leq	L90	Dec 02, 2022	Leq	L90	Dec 02 - Dec 03, 2022	Leq	L90
Time	dB(A)	dB(A)	Time	dB(A)	dB(A)	Time	dB(A)	dB(A)
06:00 PM - 06:05 PM	53.2	46.7	08:40 PM - 08:45 PM	44.8	43.6	11:20 PM - 11:25 PM	41.7	40.4
06:05 PM - 06:10 PM	49.0	46.2	08:45 PM - 08:50 PM	45.6	43.9	11:25 PM - 11:30 PM	42.0	40.7
06:10 PM - 06:15 PM	49.2	46.6	08:50 PM - 08:55 PM	47.6	43.7	11:30 PM - 11:35 PM	42.6	41.1
06:15 PM - 06:20 PM	50.2	47.0	08:55 PM - 09:00 PM	44.5	43.4	11:35 PM - 11:40 PM	42.1	40.9
06:20 PM - 06:25 PM	49.3	47.3	09:00 PM - 09:05 PM	44.9	43.7	11:40 PM - 11:45 PM	43.0	40.9
06:25 PM - 06:30 PM	49.5	46.8	09:05 PM - 09:10 PM	45.1	43.7	11:45 PM - 11:50 PM	41.9	41.0
06:30 PM - 06:35 PM	50.4	47.9	09:10 PM - 09:15 PM	44.8	43.6	11:50 PM - 11:55 PM	41.7	40.9
06:35 PM - 06:40 PM	50.1	47.7	09:15 PM - 09:20 PM	46.3	43.6	11:55 PM - 12:00 AM	41.9	41.0
06:40 PM - 06:45 PM	51.7	48.7	09:20 PM - 09:25 PM	45.1	43.3	12:00 AM - 12:05 AM	41.8	40.6
06:45 PM - 06:50 PM	53.4	48.4	09:25 PM - 09:30 PM	43.7	42.3	12:05 AM - 12:10 AM	41.5	40.6
06:50 PM - 06:55 PM	54.5	47.4	09:30 PM - 09:35 PM	43.7	42.3	12:10 AM - 12:15 AM	42.0	40.7
06:55 PM - 07:00 PM	47.3	45.7	09:35 PM - 09:40 PM	44.2	42.7	12:15 AM - 12:20 AM	42.7	41.4
07:00 PM - 07:05 PM	51.1	45.6	09:40 PM - 09:45 PM	44.4	42.4	12:20 AM - 12:25 AM	42.7	41.2
07:05 PM - 07:10 PM	50.4	46.9	09:45 PM - 09:50 PM	43.6	42.5	12:25 AM - 12:30 AM	42.8	41.1
07:10 PM - 07:15 PM	47.6	46.1	09:50 PM - 09:55 PM	43.5	42.3	12:30 AM - 12:35 AM	46.3	42.3
07:15 PM - 07:20 PM	48.1	46.4	09:55 PM - 10:00 PM	43.3	42.3	12:35 AM - 12:40 AM	42.7	42.1
07:20 PM - 07:25 PM	47.7	46.8	10:00 PM - 10:05 PM	43.5	42.2	12:40 AM - 12:45 AM	42.9	41.9
07:25 PM - 07:30 PM	49.6	47.0	10:05 PM - 10:10 PM	43.5	42.3	12:45 AM - 12:50 AM	42.6	41.8
07:30 PM - 07:35 PM	50.9	47.1	10:10 PM - 10:15 PM	43.2	42.2	12:50 AM - 12:55 AM	42.8	42.0
07:35 PM - 07:40 PM	48.9	47.0	10:15 PM - 10:20 PM	43.3	42.0	12:55 AM - 01:00 AM	43.0	41.9
07:40 PM - 07:45 PM	48.9	48.0	10:20 PM - 10:25 PM	42.4	41.1	01:00 AM - 01:05 AM	44.5	41.6
07:45 PM - 07:50 PM	49.5	48.1	10:25 PM - 10:30 PM	42.5	41.6	01:05 AM - 01:10 AM	42.4	41.6
07:50 PM - 07:55 PM	50.7	48.0	10:30 PM - 10:35 PM	42.7	41.7	01:10 AM - 01:15 AM	43.0	42.1
07:55 PM - 08:00 PM	54.7	49.5	10:35 PM - 10:40 PM	46.7	43.5	01:15 AM - 01:20 AM	43.0	42.5
08:00 PM - 08:05 PM	54.1	49.2	10:40 PM - 10:45 PM	44.0	41.7	01:20 AM - 01:25 AM	43.4	42.6
08:05 PM - 08:10 PM	50.5	48.7	10:45 PM - 10:50 PM	45.2	41.6	01:25 AM - 01:30 AM	41.8	42.9
08:10 PM - 08:15 PM	51.1	47.9	10:50 PM - 10:55 PM	44.6	41.3	01:30 AM - 01:35 AM	44.6	43.0
08:15 PM - 08:20 PM	49.6	47.0	10:55 PM - 11:00 PM	46.5	42.1	01:35 AM - 01:40 AM	43.4	42.6
08:20 PM - 08:25 PM	47.2	45.1	11:00 PM - 11:05 PM	45.9	41.3	01:40 AM - 01:45 AM	46.4	43.5
08:25 PM - 08:30 PM	46.7	44.2	11:05 PM - 11:10 PM	42.4	41.4	01:45 AM - 01:50 AM	54.6	41.8
08:30 PM - 08:35 PM	45.2	43.7	11:10 PM - 11:15 PM	42.2	41.2	01:50 AM - 01:55 AM	65.0	41.9
08:35 PM - 08:40 PM	44.6	43.7	11:15 PM - 11:20 PM	42.1	41.1	01:55 AM - 02:00 AM	43.1	43.2



Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : 899979
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22133616
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report Number : 2512790-1

Page 2 of 2

Sample Number : 22133616-22
Parameter : Noise Level (Leq 5 min)
Location : N4 (แนวหน้าทิศเหนือของโรงงาน) (GPS 47P 0727280,1406871)
Measurement Date : Nov 26 - Nov 27, 2022
Measurement by : Santi Chaihana
Sound Level meter : Serial No. 00873057

Nov 26, 2022			Nov 26, 2022			Nov 26 - Nov 27, 2022		
Time	Leq dB(A)	L90 dB(A)	Time	Leq dB(A)	L90 dB(A)	Time	Leq dB(A)	L90 dB(A)
06:00 PM - 06:05 PM	46.8	44.5	08:40 PM - 08:45 PM	46.5	45.4	11:20 PM - 11:25 PM	45.6	44.1
06:05 PM - 06:10 PM	44.7	43.8	08:45 PM - 08:50 PM	46.3	45.4	11:25 PM - 11:30 PM	48.8	44.6
06:10 PM - 06:15 PM	45.9	44.4	08:50 PM - 08:55 PM	47.0	45.2	11:30 PM - 11:35 PM	46.3	44.9
06:15 PM - 06:20 PM	48.5	44.8	08:55 PM - 09:00 PM	47.7	46.5	11:35 PM - 11:40 PM	48.2	45.2
06:20 PM - 06:25 PM	47.3	45.0	09:00 PM - 09:05 PM	47.5	46.2	11:40 PM - 11:45 PM	46.6	45.1
06:25 PM - 06:30 PM	51.6	46.4	09:05 PM - 09:10 PM	47.9	45.8	11:45 PM - 11:50 PM	46.0	44.5
06:30 PM - 06:35 PM	50.4	45.9	09:10 PM - 09:15 PM	47.8	45.1	11:50 PM - 11:55 PM	46.2	44.2
06:35 PM - 06:40 PM	50.5	46.3	09:15 PM - 09:20 PM	49.3	44.9	11:55 PM - 12:00 AM	45.4	43.7
06:40 PM - 06:45 PM	51.0	49.3	09:20 PM - 09:25 PM	47.5	45.7	12:00 AM - 12:05 AM	45.0	43.8
06:45 PM - 06:50 PM	49.9	48.4	09:25 PM - 09:30 PM	49.0	45.6	12:05 AM - 12:10 AM	46.0	43.2
06:50 PM - 06:55 PM	49.5	48.2	09:30 PM - 09:35 PM	46.6	45.3	12:10 AM - 12:15 AM	45.7	43.8
06:55 PM - 07:00 PM	50.6	47.8	09:35 PM - 09:40 PM	46.1	44.3	12:15 AM - 12:20 AM	45.5	44.4
07:00 PM - 07:05 PM	51.3	47.9	09:40 PM - 09:45 PM	45.7	42.6	12:20 AM - 12:25 AM	45.3	43.1
07:05 PM - 07:10 PM	49.7	48.2	09:45 PM - 09:50 PM	46.1	44.5	12:25 AM - 12:30 AM	45.2	43.2
07:10 PM - 07:15 PM	49.5	47.0	09:50 PM - 09:55 PM	46.7	45.2	12:30 AM - 12:35 AM	44.5	42.1
07:15 PM - 07:20 PM	48.1	46.4	09:55 PM - 10:00 PM	47.0	44.6	12:35 AM - 12:40 AM	43.7	42.5
07:20 PM - 07:25 PM	54.6	46.8	10:00 PM - 10:05 PM	45.9	44.0	12:40 AM - 12:45 AM	46.1	43.6
07:25 PM - 07:30 PM	51.9	48.0	10:05 PM - 10:10 PM	44.7	43.7	12:45 AM - 12:50 AM	46.1	44.1
07:30 PM - 07:35 PM	51.8	49.0	10:10 PM - 10:15 PM	46.1	44.3	12:50 AM - 12:55 AM	46.4	44.5
07:35 PM - 07:40 PM	53.1	49.2	10:15 PM - 10:20 PM	45.5	44.3	12:55 AM - 01:00 AM	45.7	44.8
07:40 PM - 07:45 PM	51.7	49.1	10:20 PM - 10:25 PM	46.1	45.0	01:00 AM - 01:05 AM	45.1	44.0
07:45 PM - 07:50 PM	50.8	46.8	10:25 PM - 10:30 PM	46.8	45.9	01:05 AM - 01:10 AM	45.1	43.9
07:50 PM - 07:55 PM	49.6	47.1	10:30 PM - 10:35 PM	47.5	46.3	01:10 AM - 01:15 AM	45.3	43.8
07:55 PM - 08:00 PM	49.9	47.9	10:35 PM - 10:40 PM	49.8	46.1	01:15 AM - 01:20 AM	44.9	43.2
08:00 PM - 08:05 PM	49.5	46.6	10:40 PM - 10:45 PM	46.9	46.1	01:20 AM - 01:25 AM	43.0	41.9
08:05 PM - 08:10 PM	50.3	48.4	10:45 PM - 10:50 PM	47.1	46.1	01:25 AM - 01:30 AM	46.2	41.8
08:10 PM - 08:15 PM	48.5	45.9	10:50 PM - 10:55 PM	46.9	45.9	01:30 AM - 01:35 AM	42.7	41.7
08:15 PM - 08:20 PM	47.7	46.2	10:55 PM - 11:00 PM	46.7	45.2	01:35 AM - 01:40 AM	42.6	41.7
08:20 PM - 08:25 PM	53.4	46.8	11:00 PM - 11:05 PM	46.6	45.1	01:40 AM - 01:45 AM	42.4	41.3
08:25 PM - 08:30 PM	51.7	47.2	11:05 PM - 11:10 PM	48.1	45.2	01:45 AM - 01:50 AM	43.0	41.9
08:30 PM - 08:35 PM	49.6	47.2	11:10 PM - 11:15 PM	46.7	44.4	01:50 AM - 01:55 AM	43.2	41.7
08:35 PM - 08:40 PM	48.5	47.0	11:15 PM - 11:20 PM	46.0	44.5	01:55 AM - 02:00 AM	43.2	42.1

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Saranyuth Jitranont
Assistant General Manager

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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : 899979
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22133616
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report Number : 2512791-1

Page 1 of 3

Sample Number : 22133616-23
Parameter : Noise Level (Leq 5 min)
Location : N4 (แนวหน้าทิศเหนือของโรงงาน) (GPS 47P 0727280,1406871)
Measurement Date : Nov 27 - Nov 28, 2022
Measurement by : Santi Chaihana
Sound Level meter : Serial No. 00873057

Nov 27, 2022			Nov 27, 2022			Nov 27, 2022		
Time	Leq dB(A)	L90 dB(A)	Time	Leq dB(A)	L90 dB(A)	Time	Leq dB(A)	L90 dB(A)
10:00 AM - 10:05 AM	44.4	42.8	12:40 PM - 12:45 PM	44.1	40.9	03:20 PM - 03:25 PM	44.6	40.5
10:05 AM - 10:10 AM	45.9	44.1	12:45 PM - 12:50 PM	49.3	42.2	03:25 PM - 03:30 PM	45.0	40.4
10:10 AM - 10:15 AM	47.3	45.6	12:50 PM - 12:55 PM	45.8	41.4	03:30 PM - 03:35 PM	45.6	40.5
10:15 AM - 10:20 AM	45.3	44.4	12:55 PM - 01:00 PM	49.4	42.2	03:35 PM - 03:40 PM	42.3	40.9
10:20 AM - 10:25 AM	44.2	42.8	01:00 PM - 01:05 PM	47.9	41.4	03:40 PM - 03:45 PM	42.9	39.7
10:25 AM - 10:30 AM	44.7	41.9	01:05 PM - 01:10 PM	42.4	39.9	03:45 PM - 03:50 PM	41.3	39.7
10:30 AM - 10:35 AM	43.2	42.3	01:10 PM - 01:15 PM	42.6	39.7	03:50 PM - 03:55 PM	46.6	40.2
10:35 AM - 10:40 AM	44.4	42.3	01:15 PM - 01:20 PM	47.9	40.1	03:55 PM - 04:00 PM	47.1	38.5
10:40 AM - 10:45 AM	46.7	42.5	01:20 PM - 01:25 PM	47.5	40.1	04:00 PM - 04:05 PM	42.3	39.7
10:45 AM - 10:50 AM	43.2	41.9	01:25 PM - 01:30 PM	46.3	40.1	04:05 PM - 04:10 PM	51.2	40.1
10:50 AM - 10:55 AM	44.2	41.2	01:30 PM - 01:35 PM	45.7	40.3	04:10 PM - 04:15 PM	46.0	39.4
10:55 AM - 11:00 AM	51.8	42.9	01:35 PM - 01:40 PM	44.3	40.0	04:15 PM - 04:20 PM	40.6	39.4
11:00 AM - 11:05 AM	43.1	42.3	01:40 PM - 01:45 PM	44.0	40.1	04:20 PM - 04:25 PM	42.3	39.5
11:05 AM - 11:10 AM	44.7	41.9	01:45 PM - 01:50 PM	40.7	39.0	04:25 PM - 04:30 PM	41.0	39.8
11:10 AM - 11:15 AM	47.2	42.3	01:50 PM - 01:55 PM	43.3	38.6	04:30 PM - 04:35 PM	42.8	40.1
11:15 AM - 11:20 AM	43.9	41.7	01:55 PM - 02:00 PM	44.1	37.5	04:35 PM - 04:40 PM	45.8	39.6
11:20 AM - 11:25 AM	44.6	42.3	02:00 PM - 02:05 PM	37.8	36.3	04:40 PM - 04:45 PM	46.4	40.3
11:25 AM - 11:30 AM	43.0	41.6	02:05 PM - 02:10 PM	42.2	36.9	04:45 PM - 04:50 PM	48.2	40.6
11:30 AM - 11:35 AM	43.0	40.5	02:10 PM - 02:15 PM	45.2	36.6	04:50 PM - 04:55 PM	47.4	40.2
11:35 AM - 11:40 AM	46.9	40.6	02:15 PM - 02:20 PM	36.6	35.2	04:55 PM - 05:00 PM	42.6	40.3
11:40 AM - 11:45 AM	53.4	40.8	02:20 PM - 02:25 PM	38.2	36.1	05:00 PM - 05:05 PM	43.0	40.4
11:45 AM - 11:50 AM	45.3	41.0	02:25 PM - 02:30 PM	38.9	37.5	05:05 PM - 05:10 PM	44.8	40.0
11:50 AM - 11:55 AM	46.8	41.3	02:30 PM - 02:35 PM	40.0	38.8	05:10 PM - 05:15 PM	45.5	40.8
11:55 AM - 12:00 PM	45.1	40.9	02:35 PM - 02:40 PM	42.6	39.0	05:15 PM - 05:20 PM	45.3	40.7
12:00 PM - 12:05 PM	50.2	39.7	02:40 PM - 02:45 PM	39.0	37.7	05:20 PM - 05:25 PM	49.9	41.0
12:05 PM - 12:10 PM	44.3	40.0	02:45 PM - 02:50 PM	46.1	39.3	05:25 PM - 05:30 PM	49.3	41.1
12:10 PM - 12:15 PM	41.9	39.4	02:50 PM - 02:55 PM	40.1	39.1	05:30 PM - 05:35 PM	42.2	41.5
12:15 PM - 12:20 PM	45.7	40.0	02:55 PM - 03:00 PM	41.2	40.1	05:35 PM - 05:40 PM	46.0	41.1
12:20 PM - 12:25 PM	48.8	40.6	03:00 PM - 03:05 PM	41.5	39.2	05:40 PM - 05:45 PM	47.1	41.6
12:25 PM - 12:30 PM	40.5	39.4	03:05 PM - 03:10 PM	40.6	39.9	05:45 PM - 05:50 PM	45.8	41.5
12:30 PM - 12:35 PM	48.8	39.9	03:10 PM - 03:15 PM	40.8	40.2	05:50 PM - 05:55 PM	49.7	41.8
12:35 PM - 12:40 PM	43.3	41.2	03:15 PM - 03:20 PM	41.7	40.7	05:55 PM - 06:00 PM	47.9	42.1

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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : 899979
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22133616
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report Number : 2512790-1

Page 3 of 3

Sample Number : 22133616-22
Parameter : Noise Level (Leq 5 min)
Location : N4 (แนวหน้าทิศเหนือของโรงงาน) (GPS 47P 0727280,1406871)
Measurement Date : Nov 26 - Nov 27, 2022
Measurement by : Santi Chaihana
Sound Level meter : Serial No. 00873057

Nov 27, 2022			Nov 27, 2022			Nov 27, 2022		
Time	Leq dB(A)	L90 dB(A)	Time	Leq dB(A)	L90 dB(A)	Time	Leq dB(A)	L90 dB(A)
02:00 AM - 02:05 AM	43.7	42.8	04:40 AM - 04:45 AM	43.5	42.8	07:20 AM - 07:25 AM	50.8	48.4
02:05 AM - 02:10 AM	44.8	43.8	04:45 AM - 04:50 AM	44.3	43.4	07:25 AM - 07:30 AM	52.2	47.3
02:10 AM - 02:15 AM	45.9	44.2	04:50 AM - 04:55 AM	43.8	43.3	07:30 AM - 07:35 AM	50.9	46.9
02:15 AM - 02:20 AM	45.2	44.1	04:55 AM - 05:00 AM	44.4	43.8	07:35 AM - 07:40 AM	51.8	45.2
02:20 AM - 02:25 AM	44.4	43.7	05:00 AM - 05:05 AM	44.9	44.4	07:40 AM - 07:45 AM	50.1	44.7
02:25 AM - 02:30 AM	44.8	43.9	05:05 AM - 05:10 AM	44.4	43.5	07:45 AM - 07:50 AM	46.1	43.2
02:30 AM - 02:35 AM	45.8	44.7	05:10 AM - 05:15 AM	43.7	43.0	07:50 AM - 07:55 AM	51.1	42.9
02:35 AM - 02:40 AM	45.9	45.2	05:15 AM - 05:20 AM	44.7	43.3	07:55 AM - 08:00 AM	50.6	42.4
02:40 AM - 02:45 AM	45.7	45.2	05:20 AM - 05:25 AM	43.8	43.0	08:00 AM - 08:05 AM	52.5	41.3
02:45 AM - 02:50 AM	45.8	45.2	05:25 AM - 05:30 AM	44.0	43.1	08:05 AM - 08:10 AM	51.6	41.3
02:50 AM - 02:55 AM	45.8	44.7	05:30 AM - 05:35 AM	43.1	42.5	08:10 AM - 08:15 AM	64.8	41.1
02:55 AM - 03:00 AM	44.9	44.2	05:35 AM - 05:40 AM	46.0	43.1	08:15 AM - 08:20 AM	43.0	41.1
03:00 AM - 03:05 AM	46.1	45.2	05:40 AM - 05:45 AM	45.0	44.5	08:20 AM - 08:25 AM	53.9	42.0
03:05 AM - 03:10 AM	46.2	45.4	05:45 AM - 05:50 AM	46.7	44.4	08:25 AM - 08:30 AM	48.6	42.2
03:10 AM - 03:15 AM	45.4	44.2	05:50 AM - 05:55 AM	44.6	44.0	08:30 AM - 08:35 AM	47.9	42.1
03:15 AM - 03:20 AM	44.8	43.6	05:55 AM - 06:00 AM	46.7	45.2	08:35 AM - 08:40 AM	49.1	42.3
03:20 AM - 03:25 AM	45.2	44.2	06:00 AM - 06:05 AM	47.1	44.7	08:40 AM - 08:45 AM	50.8	42.3
03:25 AM - 03:30 AM	45.3	44.4	06:05 AM - 06:10 AM	54.3	44.4	08:45 AM - 08:50 AM	46.1	42.1
03:30 AM - 03:35 AM	44.9	44.2	06:10 AM - 06:15 AM	46.4	45.2	08:50 AM - 08:55 AM	42.4	41.0



Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

Lot ID: 22133616
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report Number : 2512792-1

P/O : สัญญา
Project Name : Project AIE Rayong
Project Location :

Page 3 of 3

Sample Number : 22133616-23
Parameter : Noise Level (Leq 5 min)
Location : N4 (ท่าเรือกรุงเทพ-คลองเตย) (GPS 47P 0727280,1406871)
Measurement Date : Nov 27 - Nov 28, 2022
Measurement by : Santi Chaichana
Sound Level meter : Serial No. 00873057

Nov 28, 2022		Nov 28, 2022		Nov 28, 2022		Nov 28, 2022	
Time	Leq dB(A)	Time	Leq dB(A)	Time	Leq dB(A)	Time	Leq dB(A)
02:00 AM - 02:05 AM	44.9	04:40 AM - 04:45 AM	42.6	07:20 AM - 07:25 AM	54.4	10:00 AM - 10:05 AM	41.2
02:05 AM - 02:10 AM	44.9	04:45 AM - 04:50 AM	42.4	07:25 AM - 07:30 AM	52.8	10:05 AM - 10:10 AM	41.8
02:10 AM - 02:15 AM	44.5	04:50 AM - 04:55 AM	42.9	07:30 AM - 07:35 AM	54.1	10:10 AM - 10:15 AM	41.6
02:15 AM - 02:20 AM	44.6	04:55 AM - 05:00 AM	42.4	07:35 AM - 07:40 AM	54.6	10:15 AM - 10:20 AM	40.7
02:20 AM - 02:25 AM	44.3	05:00 AM - 05:05 AM	42.6	07:40 AM - 07:45 AM	55.4	10:20 AM - 10:25 AM	49.1
02:25 AM - 02:30 AM	44.7	05:05 AM - 05:10 AM	43.4	07:45 AM - 07:50 AM	51.8	10:25 AM - 10:30 AM	43.1
02:30 AM - 02:35 AM	44.2	05:10 AM - 05:15 AM	43.6	07:50 AM - 07:55 AM	54.1	10:30 AM - 10:35 AM	43.6
02:35 AM - 02:40 AM	44.5	05:15 AM - 05:20 AM	43.0	07:55 AM - 08:00 AM	57.1	10:35 AM - 10:40 AM	43.2
02:40 AM - 02:45 AM	44.6	05:20 AM - 05:25 AM	42.4	08:00 AM - 08:05 AM	60.2	10:40 AM - 10:45 AM	45.6
02:45 AM - 02:50 AM	44.2	05:25 AM - 05:30 AM	42.8	08:05 AM - 08:10 AM	57.3	10:45 AM - 10:50 AM	49.5
02:50 AM - 02:55 AM	44.4	05:30 AM - 05:35 AM	43.1	08:10 AM - 08:15 AM	56.7	10:50 AM - 10:55 AM	43.3
02:55 AM - 03:00 AM	44.5	05:35 AM - 05:40 AM	44.6	08:15 AM - 08:20 AM	52.0	10:55 AM - 11:00 AM	41.6
03:00 AM - 03:05 AM	44.7	05:40 AM - 05:45 AM	43.7	08:20 AM - 08:25 AM	51.1	11:00 AM - 11:05 AM	41.0
03:05 AM - 03:10 AM	44.6	05:45 AM - 05:50 AM	43.6	08:25 AM - 08:30 AM	65.0	11:05 AM - 11:10 AM	41.8
03:10 AM - 03:15 AM	44.4	05:50 AM - 05:55 AM	44.0	08:30 AM - 08:35 AM	47.3	11:10 AM - 11:15 AM	45.3
03:15 AM - 03:20 AM	44.8	05:55 AM - 06:00 AM	44.7	08:35 AM - 08:40 AM	49.9	11:15 AM - 11:20 AM	45.1
03:20 AM - 03:25 AM	44.5	06:00 AM - 06:05 AM	48.4	08:40 AM - 08:45 AM	48.4	11:20 AM - 11:25 AM	43.0
03:25 AM - 03:30 AM	44.3	06:05 AM - 06:10 AM	49.7	08:45 AM - 08:50 AM	46.5	11:25 AM - 11:30 AM	48.1
03:30 AM - 03:35 AM	44.0	06:10 AM - 06:15 AM	46.6	08:50 AM - 08:55 AM	43.4	11:30 AM - 11:35 AM	44.3
03:35 AM - 03:40 AM	44.0	06:15 AM - 06:20 AM	47.2	08:55 AM - 09:00 AM	45.7	11:35 AM - 11:40 AM	47.4
03:40 AM - 03:45 AM	44.6	06:20 AM - 06:25 AM	50.8	09:00 AM - 09:05 AM	46.8	11:40 AM - 11:45 AM	48.1
03:45 AM - 03:50 AM	45.0	06:25 AM - 06:30 AM	48.9	09:05 AM - 09:10 AM	42.4	11:45 AM - 11:50 AM	46.5
03:50 AM - 03:55 AM	44.9	06:30 AM - 06:35 AM	50.6	09:10 AM - 09:15 AM	41.0	11:50 AM - 11:55 AM	52.8
03:55 AM - 04:00 AM	46.3	06:35 AM - 06:40 AM	49.1	09:15 AM - 09:20 AM	46.5	11:55 AM - 12:00 PM	46.3
04:00 AM - 04:05 AM	46.8	06:40 AM - 06:45 AM	50.4	09:20 AM - 09:25 AM	40.6	12:00 PM - 12:05 PM	48.9
04:05 AM - 04:10 AM	60.3	06:45 AM - 06:50 AM	52.5	09:25 AM - 09:30 AM	43.7	12:05 PM - 12:10 PM	52.4
04:10 AM - 04:15 AM	47.5	06:50 AM - 06:55 AM	54.9	09:30 AM - 09:35 AM	46.1	12:10 PM - 12:15 PM	47.0
04:15 AM - 04:20 AM	44.2	06:55 AM - 07:00 AM	52.8	09:35 AM - 09:40 AM	44.9	12:15 PM - 12:20 PM	48.3
04:20 AM - 04:25 AM	46.1	07:00 AM - 07:05 AM	53.3	09:40 AM - 09:45 AM	44.8	12:20 PM - 12:25 PM	44.7
04:25 AM - 04:30 AM	47.7	07:05 AM - 07:10 AM	59.8	09:45 AM - 09:50 AM	41.9	12:25 PM - 12:30 PM	49.3
04:30 AM - 04:35 AM	45.8	07:10 AM - 07:15 AM	55.0	09:50 AM - 09:55 AM	41.8	12:30 PM - 12:35 PM	48.4
04:35 AM - 04:40 AM	45.1	07:15 AM - 07:20 AM	55.3	09:55 AM - 10:00 AM	41.2	12:35 PM - 12:40 PM	47.4

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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

Lot ID: 22133616
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report Number : 2512792-1

P/O : สัญญา
Project Name : Project AIE Rayong
Project Location :

Page 2 of 3

Sample Number : 22133616-24
Parameter : Noise Level (Leq 5 min)
Location : N4 (ท่าเรือกรุงเทพ-คลองเตย) (GPS 47P 0727280,1406871)
Measurement Date : Nov 28 - Nov 29, 2022
Measurement by : Santi Chaichana
Sound Level meter : Serial No. 00873057

Nov 28, 2022		Nov 28, 2022		Nov 28 - Nov 29, 2022		Nov 28 - Nov 29, 2022	
Time	Leq dB(A)	Time	Leq dB(A)	Time	Leq dB(A)	Time	Leq dB(A)
06:00 PM - 06:05 PM	55.5	08:40 PM - 08:45 PM	53.8	11:20 PM - 11:25 PM	47.9	02:00 AM - 02:05 AM	45.9
06:05 PM - 06:10 PM	47.7	08:45 PM - 08:50 PM	52.9	11:25 PM - 11:30 PM	47.1	02:05 AM - 02:10 AM	46.5
06:10 PM - 06:15 PM	49.3	08:50 PM - 08:55 PM	51.8	11:30 PM - 11:35 PM	45.4	02:10 AM - 02:15 AM	46.7
06:15 PM - 06:20 PM	47.8	08:55 PM - 09:00 PM	48.4	11:35 PM - 11:40 PM	46.8	02:15 AM - 02:20 AM	45.8
06:20 PM - 06:25 PM	47.8	09:00 PM - 09:05 PM	46.7	11:40 PM - 11:45 PM	45.8	02:20 AM - 02:25 AM	49.0
06:25 PM - 06:30 PM	49.6	09:05 PM - 09:10 PM	46.4	11:45 PM - 11:50 PM	45.3	02:25 AM - 02:30 AM	49.9
06:30 PM - 06:35 PM	52.9	09:10 PM - 09:15 PM	46.2	11:50 PM - 11:55 PM	45.7	02:30 AM - 02:35 AM	51.6
06:35 PM - 06:40 PM	51.7	09:15 PM - 09:20 PM	47.4	11:55 PM - 12:00 AM	46.7	02:35 AM - 02:40 AM	47.0
06:40 PM - 06:45 PM	52.7	09:20 PM - 09:25 PM	50.3	12:00 AM - 12:05 AM	46.2	02:40 AM - 02:45 AM	46.9
06:45 PM - 06:50 PM	51.9	09:25 PM - 09:30 PM	53.0	12:05 AM - 12:10 AM	45.6	02:45 AM - 02:50 AM	46.1
06:50 PM - 06:55 PM	50.3	09:30 PM - 09:35 PM	53.4	12:10 AM - 12:15 AM	48.0	02:50 AM - 02:55 AM	46.0
06:55 PM - 07:00 PM	50.0	09:35 PM - 09:40 PM	50.3	12:15 AM - 12:20 AM	47.0	02:55 AM - 03:00 AM	45.9
07:00 PM - 07:05 PM	50.3	09:40 PM - 09:45 PM	47.1	12:20 AM - 12:25 AM	47.0	03:00 AM - 03:05 AM	45.8
07:05 PM - 07:10 PM	50.0	09:45 PM - 09:50 PM	51.4	12:25 AM - 12:30 AM	49.7	03:05 AM - 03:10 AM	47.6
07:10 PM - 07:15 PM	49.0	09:50 PM - 09:55 PM	48.5	12:30 AM - 12:35 AM	47.9	03:10 AM - 03:15 AM	44.7
07:15 PM - 07:20 PM	52.4	09:55 PM - 10:00 PM	53.3	12:35 AM - 12:40 AM	47.2	03:15 AM - 03:20 AM	46.4
07:20 PM - 07:25 PM	49.4	10:00 PM - 10:05 PM	47.5	12:40 AM - 12:45 AM	46.8	03:20 AM - 03:25 AM	47.0
07:25 PM - 07:30 PM	51.7	10:05 PM - 10:10 PM	46.9	12:45 AM - 12:50 AM	45.8	03:25 AM - 03:30 AM	45.2
07:30 PM - 07:35 PM	47.8	10:10 PM - 10:15 PM	47.0	12:50 AM - 12:55 AM	47.4	03:30 AM - 03:35 AM	43.4
07:35 PM - 07:40 PM	52.8	10:15 PM - 10:20 PM	47.2	12:55 AM - 01:00 AM	46.5	03:35 AM - 03:40 AM	43.8
07:40 PM - 07:45 PM	51.9	10:20 PM - 10:25 PM	47.1	01:00 AM - 01:05 AM	46.7	03:40 AM - 03:45 AM	42.1
07:45 PM - 07:50 PM	51.3	10:25 PM - 10:30 PM	47.0	01:05 AM - 01:10 AM	46.2	03:45 AM - 03:50 AM	42.6
07:50 PM - 07:55 PM	52.0	10:30 PM - 10:35 PM	46.6	01:10 AM - 01:15 AM	46.2	03:50 AM - 03:55 AM	41.4
07:55 PM - 08:00 PM	53.3	10:35 PM - 10:40 PM	46.0	01:15 AM - 01:20 AM	45.0	03:55 AM - 04:00 AM	42.6
08:00 PM - 08:05 PM	53.6	10:40 PM - 10:45 PM	47.0	01:20 AM - 01:25 AM	44.3	04:00 AM - 04:05 AM	42.7
08:05 PM - 08:10 PM	52.2	10:45 PM - 10:50 PM	50.1	01:25 AM - 01:30 AM	50.4	04:05 AM - 04:10 AM	43.4
08:10 PM - 08:15 PM	51.7	10:50 PM - 10:55 PM	45.9	01:30 AM - 01:35 AM	44.3	04:10 AM - 04:15 AM	42.6
08:15 PM - 08:20 PM	52.3	10:55 PM - 11:00 PM	45.7	01:35 AM - 01:40 AM	46.1	04:15 AM - 04:20 AM	42.6
08:20 PM - 08:25 PM	57.1	11:00 PM - 11:05 PM	46.1	01:40 AM - 01:45 AM	45.7	04:20 AM - 04:25 AM	42.6
08:25 PM - 08:30 PM	54.7	11:05 PM - 11:10 PM	46.5	01:45 AM - 01:50 AM	45.6	04:25 AM - 04:30 AM	42.6
08:30 PM - 08:35 PM	53.5	11:10 PM - 11:15 PM	46.1	01:50 AM - 01:55 AM	46.3	04:30 AM - 04:35 AM	43.1
08:35 PM - 08:40 PM	53.2	11:15 PM - 11:20 PM	46.0	01:55 AM - 02:00 AM	46.7	04:35 AM - 04:40 AM	43.8

The above results are valid only for the analyzed sample(s) as indicated in the report. No part of this report or certificate can be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) Ltd. strongly recommends that this report is not reproduced except in full.

Approved by

Sarayuht Jitranont
Assistant General Manager

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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

Lot ID: 22133616
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report Number : 2512792-1

P/O : สัญญา
Project Name : Project AIE Rayong
Project Location :

Page 1 of 3

Sample Number : 22133616-24
Parameter : Noise Level (Leq 5 min)
Location : N4 (ท่าเรือกรุงเทพ-คลองเตย) (GPS 47P 0727280,1406871)
Measurement Date : Nov 28 - Nov 29, 2022
Measurement by : Santi Chaichana
Sound Level meter : Serial No. 00873057

Nov 28, 2022		Nov 28, 2022		Nov 28, 2022		Nov 28, 2022		
Time	Leq dB(A)	L90 dB(A)	Time	Leq dB(A)	L90 dB(A)	Time	Leq dB(A)	L90 dB(A)
10:00 AM - 10:05 AM	41.2	40.2	12:40 PM - 12:45 PM	43.7	40.4	03:20 PM - 03:25 PM	47.3	40.0
10:05 AM - 10:10 AM	41.8	41.0	12:45 PM - 12:50 PM	46.4	41.8	03:25 PM - 03:30 PM	41.7	39.0
10:10 AM - 10:15 AM	41.6	40.5	12:50 PM - 12:55 PM	45.5	42.1	03:30 PM - 03:35 PM	43.5	39.1
10:15 AM - 10:20 AM	50.7	41.2	12:55 PM - 01:00 PM	46.5	42.3	03:35 PM - 03:40 PM	46.3	39.6
10:20 AM - 10:25 AM	49.1	40.3	01:00 PM - 01:05 PM	50.1	42.7	03:40 PM - 03:45 PM	43.9	39.0
10:25 AM - 10:30 AM	43.1	40.7	01:05 PM - 01:10 PM	46.5	42.7	03:45 PM - 03:50 PM	38.4	37.1
10:30 AM - 10:35 AM	43.6	40.5	01:10 PM - 01:15 PM	51.3	43.2	03:50 PM - 03:55 PM	45.7	39.8
10:35 AM - 10:40 AM	43.2	40.1	01:15 PM - 01:20 PM	51.5	43.2	03:55 PM - 04:00 PM	46.7	37.8
10:40 AM - 10:45 AM	45.6	41.3	01:20 PM - 01:25 PM	50.7	42.9	04:00 PM - 04:05 PM	42.7	36.6
10:45 AM - 10:50 AM	49.5	41.9	01:25 PM - 01:30 PM	50.7	42.8	04:05 PM - 04:10 PM	39.4	38.2
10:50 AM - 10:55 AM	43.3	41.1	01:30 PM - 01:35 PM	50.6	42.3	04:10 PM - 04:15 PM	42.5	38.9
10:55 AM - 11:00 AM	41.6	40.7	01:35 PM - 01:40 PM	46.2	41.9	04:15 PM - 04:20 PM	40.2	39.3
11:00 AM - 11:05 AM	41.0	39.7	01:40 PM - 01:45 PM	53.4	42.5	04:20 PM - 04:25 PM	45.4	39.8
11:05 AM - 11:10 AM	41.8	39.4	01:45 PM - 01:50 PM	47.7	42.4	04:25 PM - 04:30 PM	46.9	39.4
11:10 AM - 11:15 AM	45.3	40.2	01:50 PM - 01:55 PM	46.9	41.9	04:30 PM - 04:35 PM	41.2	39.0
11:15 AM - 11:20 AM	45.1	41.3	01:55 PM - 02:00 PM	44.6	42.1	04:35 PM - 04:40 PM	41.9	39.4
11:20 AM - 11:25 AM	43.0	41.1	02:00 PM - 02:05 PM	43.0	42.0	04:40 PM - 04:45 PM	46.7	40.4
11:25 AM - 11:30 AM	48.1	41.1	02:05 PM - 02:10 PM	42.9	41.9	04:45 PM - 04:50 PM	41.1	39.8
11:30 AM - 11:35 AM	44.3	41.4	02:10 PM - 02:15 PM	44.4	42.5	04:50 PM - 04:55 PM	43.8	40.3
11:35 AM - 11:40 AM	47.1	41.1	02:15 PM - 02:20 PM	43.1	41.9	04:55 PM - 05:00 PM	46.0	40.0
11:40 AM - 11:45 AM	48.4	41.2	02:20 PM - 02:25 PM	41.9	41.5	05:00 PM - 05:05 PM	40.0	41.2
11:45 AM - 11:50 AM	46.5	40.7	02:25 PM - 02:30 PM	41.3	41.3	05:05 PM - 05:10 PM	55.8	41.3
11:50 AM - 11:55 AM	52.8	40.3	02:30 PM - 02:35 PM	47.4	41.7	05:10 PM - 05:15 PM	55.8	41.6
11:55 AM - 12:00 PM	46.3	41.0	02:35 PM - 02:40 PM	44.6	41.9	05:15 PM - 05:20 PM	51.5	41.9
12:00 PM - 12:05 PM	48.9	40.1	02:40 PM - 02:45 PM	43.1	42.1	05:20 PM - 05:25 PM	50.8	45.4
12:05 PM - 12:10 PM	52.4	41.3	02:45 PM - 02:50 PM	42.8	41.7	05:25 PM - 05:30 PM	54.2	42.8
12:10 PM - 12:15 PM	48.3	40.2	02:50 PM - 02:55 PM	42.2	41.1	05:30 PM - 05:35 PM	56.1	41.5
12:15 PM - 12:20 PM	47.0	40.9	02:55 PM - 03:00 PM	47.3	40.2	05:35 PM - 05:40 PM	54.4	40.7
12:20 PM - 12:25 PM	44.7	40.1	03:00 PM - 03:05 PM	45.2	40.4	05:40 PM - 05:45 PM	46.3	40.3
12:25 PM - 12:30 PM	49.3	40.4	03:05 PM - 03:10 PM	42.9	40.4	05:45 PM - 05:50 PM	46.7	40.1
12:30 PM - 12:35 PM	46.4	41.0	03:10 PM - 03:15 PM	44.7	39.2	05:50 PM - 05:55 PM	48.1	40.2
12:35 PM - 12:40 PM	47.4	41.0	03:15 PM - 03:20 PM	40.3	39.4	05:55 PM - 06:00 PM	40.5	41.3



Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (S103) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : 8999999

Project Name : Project AIE Rayong

Project Location :

Lot ID: 22133616

Date Received : Dec 06, 2022

Date Reported : Dec 15, 2022

Report Number : 2512793-1

Page 1 of 3

Sample Number : 22133616-25
Parameter : Noise Level (Leq 5 min)
Location : N4 (ทางเข้า/ออกถนนสุขุมวิท) (GPS 47P 0727280,1406871)
Measurement Date : Nov 29 - Nov 30, 2022
Measurement by : Santi Chaichana
Sound Level meter : Serial No. 00873057

Nov 29, 2022			Nov 29, 2022			Nov 29, 2022		
Time	Leq dB(A)	L90 dB(A)	Time	Leq dB(A)	L90 dB(A)	Time	Leq dB(A)	L90 dB(A)
10:00 AM - 10:05 AM	43.8	39.8	12:40 PM - 12:45 PM	43.3	40.7	03:20 PM - 03:25 PM	41.1	38.3
10:05 AM - 10:10 AM	42.2	39.2	12:45 PM - 12:50 PM	46.0	41.0	03:25 PM - 03:30 PM	41.5	38.0
10:10 AM - 10:15 AM	42.5	39.9	12:50 PM - 12:55 PM	46.3	40.6	03:30 PM - 03:35 PM	46.5	36.6
10:15 AM - 10:20 AM	43.3	40.6	12:55 PM - 01:00 PM	43.3	39.9	03:35 PM - 03:40 PM	42.3	40.5
10:20 AM - 10:25 AM	41.6	40.5	01:00 PM - 01:05 PM	46.3	40.0	03:40 PM - 03:45 PM	43.9	39.2
10:25 AM - 10:30 AM	48.1	41.4	01:05 PM - 01:10 PM	47.0	39.4	03:45 PM - 03:50 PM	43.5	37.3
10:30 AM - 10:35 AM	41.5	40.6	01:10 PM - 01:15 PM	45.7	40.2	03:50 PM - 03:55 PM	45.7	38.2
10:35 AM - 10:40 AM	57.2	40.8	01:15 PM - 01:20 PM	46.9	40.3	03:55 PM - 04:00 PM	43.4	37.3
10:40 AM - 10:45 AM	43.2	40.6	01:20 PM - 01:25 PM	46.7	40.0	04:00 PM - 04:05 PM	38.9	37.4
10:45 AM - 10:50 AM	44.9	40.9	01:25 PM - 01:30 PM	47.0	39.6	04:05 PM - 04:10 PM	39.5	37.1
10:50 AM - 10:55 AM	44.7	40.1	01:30 PM - 01:35 PM	57.2	44.0	04:10 PM - 04:15 PM	41.4	36.2
10:55 AM - 11:00 AM	47.6	41.0	01:35 PM - 01:40 PM	42.5	39.4	04:15 PM - 04:20 PM	41.7	36.0
11:00 AM - 11:05 AM	46.3	41.7	01:40 PM - 01:45 PM	41.7	40.0	04:20 PM - 04:25 PM	45.2	36.4
11:05 AM - 11:10 AM	41.1	40.3	01:45 PM - 01:50 PM	43.7	39.7	04:25 PM - 04:30 PM	49.5	36.9
11:10 AM - 11:15 AM	41.1	40.3	01:50 PM - 01:55 PM	40.3	39.3	04:30 PM - 04:35 PM	47.6	37.4
11:15 AM - 11:20 AM	41.4	40.1	01:55 PM - 02:00 PM	39.8	39.0	04:35 PM - 04:40 PM	52.0	38.9
11:20 AM - 11:25 AM	47.3	40.8	02:00 PM - 02:05 PM	42.2	39.0	04:40 PM - 04:45 PM	46.4	39.4
11:25 AM - 11:30 AM	44.4	40.2	02:05 PM - 02:10 PM	39.9	38.9	04:45 PM - 04:50 PM	51.8	41.4
11:30 AM - 11:35 AM	44.6	40.0	02:10 PM - 02:15 PM	41.3	40.0	04:50 PM - 04:55 PM	46.0	38.8
11:35 AM - 11:40 AM	46.1	40.7	02:15 PM - 02:20 PM	44.0	39.3	04:55 PM - 05:00 PM	49.3	38.1
11:40 AM - 11:45 AM	49.6	41.0	02:20 PM - 02:25 PM	40.6	39.4	05:00 PM - 05:05 PM	49.5	38.1
11:45 AM - 11:50 AM	44.3	40.6	02:25 PM - 02:30 PM	40.6	39.6	05:05 PM - 05:10 PM	59.5	39.7
11:50 AM - 11:55 AM	51.6	40.7	02:30 PM - 02:35 PM	39.8	38.7	05:10 PM - 05:15 PM	47.4	39.4
11:55 AM - 12:00 PM	47.3	40.7	02:35 PM - 02:40 PM	45.9	40.0	05:15 PM - 05:20 PM	49.7	39.9
12:00 PM - 12:05 PM	45.1	39.7	02:40 PM - 02:45 PM	45.0	39.9	05:20 PM - 05:25 PM	59.0	43.3
12:05 PM - 12:10 PM	48.5	41.1	02:45 PM - 02:50 PM	46.2	40.3	05:25 PM - 05:30 PM	57.7	47.7
12:10 PM - 12:15 PM	51.1	40.3	02:50 PM - 02:55 PM	46.6	40.4	05:30 PM - 05:35 PM	60.4	57.6
12:15 PM - 12:20 PM	43.8	39.9	02:55 PM - 03:00 PM	54.8	40.1	05:35 PM - 05:40 PM	56.3	52.7
12:20 PM - 12:25 PM	46.8	40.3	03:00 PM - 03:05 PM	49.3	41.0	05:40 PM - 05:45 PM	56.9	54.6
12:25 PM - 12:30 PM	53.4	42.5	03:05 PM - 03:10 PM	51.4	40.5	05:45 PM - 05:50 PM	54.1	49.0
12:30 PM - 12:35 PM	53.0	42.3	03:10 PM - 03:15 PM	51.8	38.6	05:50 PM - 05:55 PM	51.0	46.6
12:35 PM - 12:40 PM	41.2	40.6	03:15 PM - 03:20 PM	57.3	37.3	05:55 PM - 06:00 PM	50.7	46.6



Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (S103) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : 8999999

Project Name : Project AIE Rayong

Project Location :

Lot ID: 22133616

Date Received : Dec 06, 2022

Date Reported : Dec 15, 2022

Report Number : 2512793-1

Page 2 of 3

Sample Number : 22133616-25
Parameter : Noise Level (Leq 5 min)
Location : N4 (ทางเข้า/ออกถนนสุขุมวิท) (GPS 47P 0727280,1406871)
Measurement Date : Nov 29 - Nov 30, 2022
Measurement by : Santi Chaichana
Sound Level meter : Serial No. 00873057

Nov 29, 2022			Nov 29, 2022			Nov 29 - Nov 30, 2022		
Time	Leq dB(A)	L90 dB(A)	Time	Leq dB(A)	L90 dB(A)	Time	Leq dB(A)	L90 dB(A)
06:00 PM - 06:05 PM	50.9	46.4	08:40 PM - 08:45 PM	49.9	47.0	11:20 PM - 11:25 PM	48.3	46.6
06:05 PM - 06:10 PM	47.4	46.0	08:45 PM - 08:50 PM	49.3	47.5	11:25 PM - 11:30 PM	49.8	46.3
06:10 PM - 06:15 PM	47.7	46.3	08:50 PM - 08:55 PM	50.1	48.3	11:30 PM - 11:35 PM	49.3	44.9
06:15 PM - 06:20 PM	49.9	47.0	08:55 PM - 09:00 PM	50.3	48.7	11:35 PM - 11:40 PM	46.4	43.9
06:20 PM - 06:25 PM	50.3	46.9	09:00 PM - 09:05 PM	46.4	47.4	11:40 PM - 11:45 PM	45.3	43.7
06:25 PM - 06:30 PM	53.0	47.2	09:05 PM - 09:10 PM	50.4	47.5	11:45 PM - 11:50 PM	52.6	44.0
06:30 PM - 06:35 PM	52.2	47.8	09:10 PM - 09:15 PM	52.4	47.1	11:50 PM - 11:55 PM	50.4	44.7
06:35 PM - 06:40 PM	51.6	48.2	09:15 PM - 09:20 PM	52.2	47.3	11:55 PM - 12:00 AM	50.6	45.4
06:40 PM - 06:45 PM	49.2	47.5	09:20 PM - 09:25 PM	50.8	46.9	12:00 AM - 12:05 AM	47.6	45.1
06:45 PM - 06:50 PM	50.0	48.4	09:25 PM - 09:30 PM	52.8	47.3	12:05 AM - 12:10 AM	45.8	44.8
06:50 PM - 06:55 PM	55.4	50.1	09:30 PM - 09:35 PM	50.9	47.0	12:10 AM - 12:15 AM	45.8	43.7
06:55 PM - 07:00 PM	52.2	49.8	09:35 PM - 09:40 PM	48.5	47.5	12:15 AM - 12:20 AM	45.3	43.2
07:00 PM - 07:05 PM	52.8	50.7	09:40 PM - 09:45 PM	49.0	47.9	12:20 AM - 12:25 AM	44.8	43.1
07:05 PM - 07:10 PM	51.2	49.2	09:45 PM - 09:50 PM	48.9	48.0	12:25 AM - 12:30 AM	47.4	43.6
07:10 PM - 07:15 PM	50.5	48.6	09:50 PM - 09:55 PM	48.3	47.5	12:30 AM - 12:35 AM	53.2	47.0
07:15 PM - 07:20 PM	51.4	48.8	09:55 PM - 10:00 PM	49.2	48.5	12:35 AM - 12:40 AM	54.5	53.9
07:20 PM - 07:25 PM	52.6	48.9	10:00 PM - 10:05 PM	48.5	47.8	12:40 AM - 12:45 AM	54.3	53.6
07:25 PM - 07:30 PM	53.1	48.9	10:05 PM - 10:10 PM	48.6	47.6	12:45 AM - 12:50 AM	54.8	54.2
07:30 PM - 07:35 PM	52.3	48.0	10:10 PM - 10:15 PM	48.6	47.6	12:50 AM - 12:55 AM	53.1	45.5
07:35 PM - 07:40 PM	53.9	47.9	10:15 PM - 10:20 PM	47.9	46.9	12:55 AM - 01:00 AM	46.5	43.8
07:40 PM - 07:45 PM	52.1	47.9	10:20 PM - 10:25 PM	47.3	46.1	01:00 AM - 01:05 AM	43.9	43.0
07:45 PM - 07:50 PM	50.7	48.6	10:25 PM - 10:30 PM	48.6	46.9	01:05 AM - 01:10 AM	46.8	44.8
07:50 PM - 07:55 PM	52.1	51.0	10:30 PM - 10:35 PM	50.0	47.9	01:10 AM - 01:15 AM	47.2	45.9
07:55 PM - 08:00 PM	48.7	47.3	10:35 PM - 10:40 PM	52.6	48.3	01:15 AM - 01:20 AM	46.9	45.6
08:00 PM - 08:05 PM	51.4	48.0	10:40 PM - 10:45 PM	54.0	53.7	01:20 AM - 01:25 AM	47.6	46.5
08:05 PM - 08:10 PM	51.1	47.0	10:45 PM - 10:50 PM	51.7	47.5	01:25 AM - 01:30 AM	49.7	46.4
08:10 PM - 08:15 PM	50.3	47.6	10:50 PM - 10:55 PM	48.4	47.2	01:30 AM - 01:35 AM	47.0	46.0
08:15 PM - 08:20 PM	51.3	49.6	10:55 PM - 11:00 PM	48.4	47.4	01:35 AM - 01:40 AM	47.0	44.6
08:20 PM - 08:25 PM	57.4	47.0	11:00 PM - 11:05 PM	49.1	48.1	01:40 AM - 01:45 AM	44.4	42.3
08:25 PM - 08:30 PM	54.2	48.6	11:05 PM - 11:10 PM	49.3	48.1	01:45 AM - 01:50 AM	45.2	43.1
08:30 PM - 08:35 PM	49.6	47.7	11:10 PM - 11:15 PM	49.2	47.8	01:50 AM - 01:55 AM	46.1	44.2
08:35 PM - 08:40 PM	49.4	47.4	11:15 PM - 11:20 PM	48.2	47.3	01:55 AM - 02:00 AM	46.5	44.8

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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (S103) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : 8999999

Project Name : Project AIE Rayong

Project Location :

Lot ID: 22133616

Date Received : Dec 06, 2022

Date Reported : Dec 15, 2022

Report Number : 2512793-1

Page 3 of 3

Sample Number : 22133616-25
Parameter : Noise Level (Leq 5 min)
Location : N4 (ทางเข้า/ออกถนนสุขุมวิท) (GPS 47P 0727280,1406871)
Measurement Date : Nov 29 - Nov 30, 2022
Measurement by : Santi Chaichana
Sound Level meter : Serial No. 00873057

Nov 30, 2022			Nov 30, 2022			Nov 30, 2022		
Time	Leq dB(A)	L90 dB(A)	Time	Leq dB(A)	L90 dB(A)	Time	Leq dB(A)	L90 dB(A)
02:00 AM - 02:05 AM	46.0	44.4	04:40 AM - 04:45 AM	46.7	46.3	07:20 AM - 07:25 AM	55.3	49.2
02:05 AM - 02:10 AM	45.3	43.1	04:45 AM - 04:50 AM	46.6	46.0	07:25 AM - 07:30 AM	53.0	48.4
02:10 AM - 02:15 AM	51.5	43.4	04:50 AM - 04:55 AM	46.3	45.8	07:30 AM - 07:35 AM	58.3	48.4
02:15 AM - 02:20 AM	45.1	43.1	04:55 AM - 05:00 AM	46.7	46.1	07:35 AM - 07:40 AM	52.4	47.2
02:20 AM - 02:25 AM	46.2	42.9	05:00 AM - 05:05 AM	47.5	46.0	07:40 AM - 07:45 AM	53.3	46.0
02:25 AM - 02:30 AM	48.3	41.0	05:05 AM - 05:10 AM	46.8	46.3	07:45 AM - 07:50 AM	55.8	44.7
02:30 AM - 02:35 AM	43.4	41.0	05:10 AM - 05:15 AM	46.4	45.3	07:50 AM - 07:55 AM	51.5	43.1
02:35 AM - 02:40 AM	43.1	40.1	05:15 AM - 05:20 AM	45.6	44.4	07:55 AM - 08:00 AM	53.7	43.1
02:40 AM - 02:45 AM	45.5	42.1	05:20 AM - 05:25 AM	45.3	43.8	08:00 AM - 08:05 AM	62.7	45.6
02:45 AM - 02:50 AM	44.2	40.4	05:25 AM - 05:30 AM	48.0	44.6	08:05 AM - 08:10 AM	59.7	42.8
02:50 AM - 02:55 AM	46.0	41.6	05:30 AM - 05:35 AM	44.7	43.6	08:10 AM - 08:15 AM	52.5	41.0
02:55 AM - 03:00 AM	45.8	43.1	05:35 AM - 05:40 AM	43.8	42.8	08:15 AM - 08:20 AM	56.0	39.5
03:00 AM - 03:05 AM	48.7	44.8	05:40 AM - 05:45 AM	44.5	43.3	08:20 AM - 08:25 AM	51.3	39.1
03:05 AM - 03:10 AM	47.6	44.3	05:45 AM - 05:50 AM	45.5	43.6	08:25 AM - 08:30 AM	53.8	38.7
03:10 AM - 03:15 AM	46.7	43.6	05:50 AM - 05:55 AM	44.9	43.2	08:30 AM - 08:35 AM	47.6	38.0
03:15 AM - 03:20 AM	49.0	46.4	05:55 AM - 06:00 AM	45.2	43.3	08:35 AM - 08:40 AM	50.8	37.8
03:20 AM - 03:25 AM	46.3	44.2	06:00 AM - 06:05 AM	49.1	44.4	08:40 AM - 08:45 AM	48.6	36.5
03:25 AM - 03:30 AM	46.3	44.7	06:05 AM - 06:10 AM	47.4	44.0	08:45 AM - 08:50 AM	47.3	36.4
03:30 AM - 03:35 AM	44.8	42.8	06:10 AM - 06:15 AM	46.6	44.7	08:50 AM - 08:55 AM	46.0	35.1
03:35 AM - 03:40 AM	47.8	44.6	06:15 AM - 06:20 AM	55.5	46.5	08:55 AM - 09:00 AM	45.1	35.9
03:40 AM - 03:45 AM	47.3	45.6	06:20 AM - 06:25 AM	48.3	47.0	09:00 AM - 09:05 AM	44.9	35.9
03:45 AM - 03:50 AM	48.2	46.5	06:25 AM - 06:30 AM	49.6	47.1	09:05 AM - 09:10 AM	45.7	36.1
03:50 AM - 03:55 AM	48.3	46.8	06:30 AM - 06:35 AM	49.5	47.3	09:10 AM - 09:15 AM	46.0	35.8
03:55 AM - 04:00 AM	48.8	46.8	06:35 AM - 06:40 AM	50.9	47.5	09:15 AM - 09:20 AM	45.0	36.0
04:00 AM - 04:05 AM	48.6	46.5	06:40 AM - 06:45 AM	52.1	47.6	09:20 AM - 09:25 AM	37.8	36.1
04:05 AM - 04:10 AM	47.9	46.2	06:45 AM - 06:50 AM	50.9	47.1	09:25 AM - 09:30 AM	42.4	35.1
04:10 AM - 04:15 AM	47.5	46.0	06:50 AM - 06:55 AM	52.3	48.3	09:30 AM - 09:35 AM	45.4	35.4
04:15 AM - 04:20 AM	47.4	45.7	06:55 AM - 07:00 AM	54.3	48.8	09:35 AM - 09:40 AM	39.6	35.3
04:20 AM - 04:25 AM	46.7	45.9	07:00 AM - 07:05 AM	54.5	49.4	09:40 AM - 09:45 AM	38.8	35.0
04:25 AM - 04:30 AM	47.1	46.5	07:05 AM - 07:10 AM	82.8	50.3	09:45 AM - 09:50 AM	41.0	35.3
04:30 AM - 04:35 AM	48.2	46.8	07:10 AM - 07:15 AM	53.7	49.0	09:50 AM - 09:55 AM	46.0	36.8
04:35 AM - 04:40 AM	47.3	46.7	07:15 AM - 07:20 AM	55.7	48.6	09:55 AM - 10:00 AM	39.9	35.6



Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (S103) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O : สัญญา
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22133616
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report Number : 2512794-1

Page 2 of 3

Sample Number 22133616-26
Parameter Noise Level (Leq 5 min)
Location N4 (หน่วยวัดเสียงตามแนวลอน) (GPS 47P 0727280,1406871)
Measurement Date Nov 30 - Dec 01, 2022
Measurement by Santi Chaichana
Sound Level meter Serial No. 00873057

Nov 30, 2022				Nov 30, 2022				Nov 30 - Dec 01, 2022			
Time		Leq dB(A)	L90 dB(A)	Time		Leq dB(A)	L90 dB(A)	Time		Leq dB(A)	L90 dB(A)
08:00 PM - 08:05 PM	48.6	42.6	48.6	08:40 PM - 08:45 PM	56.9	44.3	44.3	11:20 PM - 11:25 PM	47.8	44.9	44.9
08:05 PM - 08:10 PM	49.5	42.5	48.6	08:45 PM - 08:50 PM	46.7	43.5	43.5	11:25 PM - 11:30 PM	45.9	44.2	44.2
08:10 PM - 08:15 PM	47.7	42.1	48.6	08:50 PM - 08:55 PM	48.1	44.3	44.3	11:30 PM - 11:35 PM	49.8	44.4	44.4
08:15 PM - 08:20 PM	46.2	42.5	48.6	08:55 PM - 09:00 PM	45.6	44.2	44.2	11:35 PM - 11:40 PM	45.7	43.3	43.3
08:20 PM - 08:25 PM	49.6	43.3	48.6	09:00 PM - 09:05 PM	46.4	44.4	44.4	11:40 PM - 11:45 PM	45.4	42.6	42.6
08:25 PM - 08:30 PM	51.1	44.1	48.6	09:05 PM - 09:10 PM	45.6	44.2	44.2	11:45 PM - 11:50 PM	44.4	42.4	42.4
08:30 PM - 08:35 PM	48.5	44.5	48.6	09:10 PM - 09:15 PM	46.8	43.7	43.7	11:50 PM - 11:55 PM	44.8	42.2	42.2
08:35 PM - 08:40 PM	54.2	45.4	48.6	09:15 PM - 09:20 PM	45.3	43.4	43.4	11:55 PM - 12:00 AM	44.3	41.6	41.6
08:40 PM - 08:45 PM	59.3	48.9	48.6	09:20 PM - 09:25 PM	45.2	44.2	44.2	12:00 AM - 12:05 AM	45.4	42.1	42.1
08:45 PM - 08:50 PM	52.2	49.2	48.6	09:25 PM - 09:30 PM	59.8	43.9	43.9	12:05 AM - 12:10 AM	44.1	41.9	41.9
08:50 PM - 08:55 PM	52.7	49.9	48.6	09:30 PM - 09:35 PM	61.5	43.5	43.5	12:10 AM - 12:15 AM	44.8	42.1	42.1
08:55 PM - 09:00 PM	51.3	49.5	48.6	09:35 PM - 09:40 PM	51.2	43.1	43.1	12:15 AM - 12:20 AM	45.3	41.9	41.9
09:00 PM - 09:05 PM	51.9	47.4	48.6	09:40 PM - 09:45 PM	44.8	43.0	43.0	12:20 AM - 12:25 AM	50.4	41.4	41.4
09:05 PM - 09:10 PM	58.2	49.3	48.6	09:45 PM - 09:50 PM	43.5	42.5	42.5	12:25 AM - 12:30 AM	47.7	41.4	41.4
09:10 PM - 09:15 PM	56.6	42.1	48.6	09:50 PM - 09:55 PM	61.3	43.4	43.4	12:30 AM - 12:35 AM	45.5	41.8	41.8
09:15 PM - 09:20 PM	50.4	46.7	48.6	09:55 PM - 10:00 PM	49.8	42.0	42.0	12:35 AM - 12:40 AM	49.3	42.9	42.9
09:20 PM - 09:25 PM	52.1	46.9	48.6	10:00 PM - 10:05 PM	49.1	42.4	42.4	12:40 AM - 12:45 AM	46.4	41.8	41.8
09:25 PM - 09:30 PM	50.7	47.4	48.6	10:05 PM - 10:10 PM	44.3	42.2	42.2	12:45 AM - 12:50 AM	43.2	40.7	40.7
09:30 PM - 09:35 PM	49.0	47.3	48.6	10:10 PM - 10:15 PM	44.4	42.0	42.0	12:50 AM - 12:55 AM	45.2	40.6	40.6
09:35 PM - 09:40 PM	55.1	47.8	48.6	10:15 PM - 10:20 PM	43.7	42.0	42.0	12:55 AM - 01:00 AM	42.2	40.3	40.3
09:40 PM - 09:45 PM	51.9	46.3	48.6	10:20 PM - 10:25 PM	43.9	42.4	42.4	01:00 AM - 01:05 AM	46.9	41.3	41.3
09:45 PM - 09:50 PM	56.3	46.4	48.6	10:25 PM - 10:30 PM	45.5	42.9	42.9	01:05 AM - 01:10 AM	41.2	40.1	40.1
09:50 PM - 09:55 PM	49.7	45.6	48.6	10:30 PM - 10:35 PM	43.9	42.4	42.4	01:10 AM - 01:15 AM	40.9	40.1	40.1
09:55 PM - 08:00 PM	51.2	45.5	48.6	10:35 PM - 10:40 PM	45.3	42.4	42.4	01:15 AM - 01:20 AM	42.1	40.0	40.0
08:00 PM - 08:05 PM	50.7	45.1	48.6	10:40 PM - 10:45 PM	44.8	42.1	42.1	01:20 AM - 01:25 AM	40.0	39.3	39.3
08:05 PM - 08:10 PM	58.9	58.0	48.6	10:45 PM - 10:50 PM	44.6	42.1	42.1	01:25 AM - 01:30 AM	41.5	39.6	39.6
08:10 PM - 08:15 PM	59.5	58.1	48.6	10:50 PM - 10:55 PM	46.0	44.6	44.6	01:30 AM - 01:35 AM	41.1	39.8	39.8
08:15 PM - 08:20 PM	53.7	46.0	48.6	10:55 PM - 11:00 PM	46.8	45.0	45.0	01:35 AM - 01:40 AM	40.7	40.0	40.0
08:20 PM - 08:25 PM	56.1	45.8	48.6	11:00 PM - 11:05 PM	46.6	43.4	43.4	01:40 AM - 01:45 AM	40.2	39.4	39.4
08:25 PM - 08:30 PM	53.5	45.6	48.6	11:05 PM - 11:10 PM	44.7	42.2	42.2	01:45 AM - 01:50 AM	40.3	39.1	39.1
08:30 PM - 08:35 PM	59.4	58.9	48.6	11:10 PM - 11:15 PM	44.9	42.3	42.3	01:50 AM - 01:55 AM	42.3	38.8	38.8
08:35 PM - 08:40 PM	68.8	58.9	48.6	11:15 PM - 11:20 PM	46.4	43.8	43.8	01:55 AM - 02:00 AM	42.2	38.9	38.9

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Approved by

Sarayu Thirattont
Assistant General Manager

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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (S103) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O : สัญญา
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22133616
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report Number : 2512794-1

Page 3 of 3

Sample Number 22133616-26
Parameter Noise Level (Leq 5 min)
Location N4 (หน่วยวัดเสียงตามแนวลอน) (GPS 47P 0727280,1406871)
Measurement Date Nov 30 - Dec 01, 2022
Measurement by Santi Chaichana
Sound Level meter Serial No. 00873057

Dec 01, 2022				Dec 01, 2022				Dec 01, 2022			
Time		Leq dB(A)	L90 dB(A)	Time		Leq dB(A)	L90 dB(A)	Time		Leq dB(A)	L90 dB(A)
02:00 AM - 02:05 AM	39.3	38.1	41.6	04:40 AM - 04:45 AM	41.6	40.9	40.9	07:20 AM - 07:25 AM	55.5	44.6	44.6
02:05 AM - 02:10 AM	41.7	37.6	41.6	04:45 AM - 04:50 AM	43.2	40.0	40.0	07:25 AM - 07:30 AM	51.9	44.4	44.4
02:10 AM - 02:15 AM	45.3	38.2	41.6	04:50 AM - 04:55 AM	42.7	39.9	39.9	07:30 AM - 07:35 AM	47.8	43.3	43.3
02:15 AM - 02:20 AM	39.3	38.2	41.6	04:55 AM - 05:00 AM	42.6	40.0	40.0	07:35 AM - 07:40 AM	52.4	44.3	44.3
02:20 AM - 02:25 AM	41.2	38.2	41.6	05:00 AM - 05:05 AM	42.5	40.6	40.6	07:40 AM - 07:45 AM	52.5	42.9	42.9
02:25 AM - 02:30 AM	42.5	39.0	41.6	05:05 AM - 05:10 AM	41.0	40.1	40.1	07:45 AM - 07:50 AM	52.9	42.7	42.7
02:30 AM - 02:35 AM	40.6	38.7	41.6	05:10 AM - 05:15 AM	40.6	39.8	39.8	07:50 AM - 07:55 AM	51.2	41.5	41.5
02:35 AM - 02:40 AM	40.7	38.5	41.6	05:15 AM - 05:20 AM	41.0	40.3	40.3	07:55 AM - 08:00 AM	56.4	43.2	43.2
02:40 AM - 02:45 AM	38.7	37.4	41.6	05:20 AM - 05:25 AM	41.3	40.5	40.5	08:00 AM - 08:05 AM	57.1	44.3	44.3
02:45 AM - 02:50 AM	39.3	37.3	41.6	05:25 AM - 05:30 AM	41.5	40.6	40.6	08:05 AM - 08:10 AM	59.2	41.9	41.9
02:50 AM - 02:55 AM	38.3	37.3	41.6	05:30 AM - 05:35 AM	42.4	41.5	41.5	08:10 AM - 08:15 AM	55.2	41.3	41.3
02:55 AM - 03:00 AM	44.3	37.6	41.6	05:35 AM - 05:40 AM	43.1	42.2	42.2	08:15 AM - 08:20 AM	48.2	38.8	38.8
03:00 AM - 03:05 AM	44.8	39.5	41.6	05:40 AM - 05:45 AM	43.4	42.9	42.9	08:20 AM - 08:25 AM	50.3	41.2	41.2
03:05 AM - 03:10 AM	39.7	38.8	41.6	05:45 AM - 05:50 AM	45.3	42.0	42.0	08:25 AM - 08:30 AM	48.7	41.3	41.3
03:10 AM - 03:15 AM	42.5	38.1	41.6	05:50 AM - 05:55 AM	44.0	42.9	42.9	08:30 AM - 08:35 AM	48.4	41.6	41.6
03:15 AM - 03:20 AM	42.5	38.1	41.6	05:55 AM - 06:00 AM	43.2	42.0	42.0	08:35 AM - 08:40 AM	50.8	41.3	41.3
03:20 AM - 03:25 AM	40.2	38.9	41.6	06:00 AM - 06:05 AM	45.2	43.4	43.4	08:40 AM - 08:45 AM	48.9	39.9	39.9
03:25 AM - 03:30 AM	43.6	39.6	41.6	06:05 AM - 06:10 AM	48.2	42.7	42.7	08:45 AM - 08:50 AM	44.1	38.9	38.9
03:30 AM - 03:35 AM	47.8	39.1	41.6	06:10 AM - 06:15 AM	46.5	44.0	44.0	08:50 AM - 08:55 AM	49.1	39.2	39.2
03:35 AM - 03:40 AM	38.9	37.9	41.6	06:15 AM - 06:20 AM	46.0	43.3	43.3	08:55 AM - 09:00 AM	42.7	39.3	39.3
03:40 AM - 03:45 AM	38.8	38.2	41.6	06:20 AM - 06:25 AM	48.2	43.4	43.4	09:00 AM - 09:05 AM	46.1	37.8	37.8
03:45 AM - 03:50 AM	40.9	38.7	41.6	06:25 AM - 06:30 AM	47.9	43.1	43.1	09:05 AM - 09:10 AM	41.1	37.9	37.9
03:50 AM - 03:55 AM	41.4	40.7	41.6	06:30 AM - 06:35 AM	49.0	44.0	44.0	09:10 AM - 09:15 AM	43.9	38.6	38.6
03:55 AM - 04:00 AM	45.3	39.6	41.6	06:35 AM - 06:40 AM	46.5	44.3	44.3	09:15 AM - 09:20 AM	37.2	37.1	37.1
04:00 AM - 04:05 AM	44.9	42.1	41.6	06:40 AM - 06:45 AM	49.2	45.5	45.5	09:20 AM - 09:25 AM	41.0	36.8	36.8
04:05 AM - 04:10 AM	44.2	39.6	41.6	06:45 AM - 06:50 AM	52.3	45.1	45.1	09:25 AM - 09:30 AM	47.2	37.3	37.3
04:10 AM - 04:15 AM	43.9	39.9	41.6	06:50 AM - 06:55 AM	52.3	45.2	45.2	09:30 AM - 09:35 AM	42.6	36.8	36.8
04:15 AM - 04:20 AM	43.7	39.0	41.6	06:55 AM - 07:00 AM	53.1	46.1	46.1	09:35 AM - 09:40 AM	40.2	36.0	36.0
04:20 AM - 04:25 AM	43.9	39.8	41.6	07:00 AM - 07:05 AM	42.9	45.9	45.9	09:40 AM - 09:45 AM	42.4	36.6	36.6
04:25 AM - 04:30 AM	41.9	40.8	41.6	07:05 AM - 07:10 AM	50.7	45.3	45.3	09:45 AM - 09:50 AM	45.7	36.3	36.3
04:30 AM - 04:35 AM	42.8	41.1	41.6	07:10 AM - 07:15 AM	51.8	44.8	44.8	09:50 AM - 09:55 AM	45.7	36.9	36.9
04:35 AM - 04:40 AM	43.9	41.0	41.6	07:15 AM - 07:20 AM	52.2	44.1	44.1	09:55 AM - 10:00 AM	42.6	36.1	36.1

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Approved by

Sarayu Thirattont
Assistant General Manager

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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (S103) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O : สัญญา
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22133616
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report Number : 2512795-1

Page 1 of 3

Sample Number 22133616-27
Parameter Noise Level (Leq 5 min)
Location N4 (หน่วยวัดเสียงตามแนวลอน) (GPS 47P 0727280,1406871)
Measurement Date Dec 01 - Dec 02, 2022
Measurement by Santi Chaichana
Sound Level meter Serial No. 00873057

Dec 01, 2022				Dec 01, 2022				Dec 01, 2022			
Time		Leq dB(A)	L90 dB(A)	Time		Leq dB(A)	L90 dB(A)	Time		Leq dB(A)	L90 dB(A)
10:00 AM - 10:05 AM	42.7	35.5	38.7	12:40 PM - 12:45 PM	49.5	38.7	38.7	03:20 PM - 03:25 PM	46.0	40.8	
10:05 AM - 10:10 AM	37.7	36.5	38.7	12:45 PM - 12:50 PM	43.9	36.8	36.8	03:25 PM - 03:30 PM	51.2	40.6	
10:10 AM - 10:15 AM	50.5	39.5	38.7	12:50 PM - 12:55 PM	44.5	38.8	38.8	03:30 PM - 03:35 PM	44.3	40.3	
10:15 AM - 10:20 AM	40.2	37.6	38.7	12:55 PM - 01:00 PM	46.7	38.6	38.6	03:35 PM - 03:40 PM	45.9	40.0	
10:20 AM - 10:25 AM	44.3	38.0	38.7	01:00 PM - 01:05 PM	44.8	36.8	36.8	03:40 PM - 03:45 PM	48.5	40.0	
10:25 AM - 10:30 AM	50.5	39.5	38.7	01:05 PM - 01:10 PM	49.1	36.8	36.8	03:45 PM - 03:50 PM	44.9	39.7	
10:30 AM - 10:35 AM	40.2	38.2	38.7	01:10 PM - 01:15 PM	49.3	37.5	37.5	03:50 PM - 03:55 PM	41.1	39.0	
10:35 AM - 10:40 AM	42.7	38.4	38.7	01:15 PM - 01:20 PM	51.3	36.2	36.2	03:55 PM - 04:00 PM	44.0	38.5	
10:40 AM - 10:45 AM	42.6	38.3	38.7	01:20 PM - 01:25 PM	43.5	35.8	35.8	04:00 PM - 04:05 PM	42.8	38.8	
10:45 AM - 10:50 AM	41.1	39.0	38.7	01:25 PM - 01:30 PM	48.1	37.2	37.2	04:05 PM - 04:10 PM	42.2	39.6	
10:50 AM - 10:55 AM	40.2	37.9	38.7	01:30 PM - 01:35 PM	44.2	35.3	35.3	04:10 PM - 04:15 PM	44.1	39.4	
10:55 AM - 11:00 AM	40.7	37.1	38.7	01:35 PM - 01:40 PM	40.0	34.3	34.3	04:15 PM - 04:20 PM	40.5	39.1	
11:00 AM - 11:05 AM	41.4	37.3	38.7	01:40 PM - 01:45 PM	41.3	36.3	36.3	04:20 PM - 04:25 PM	37.7	39.3	
11:05 AM - 11:10 AM	39.6	38.1	38.7	01:45 PM - 01:50 PM	40.0	36.6	36.6	04:25 PM - 04:30 PM	46.7	39.9	
11:10 AM - 11:15 AM	47.6	38.7	38.7	01:50 PM - 01:55 PM	41.9	36.4	36.4	04:30 PM - 04:35 PM	48.7	40.2	
11:15 AM - 11:20 AM	41.3	38.3	38.7	01:55 PM - 02:00 PM	43.8	39.5	39.5	04:35 PM - 04:40 PM	44.4	39.9	
11:20 AM - 11:25 AM	40.7	38.1	38.7	02:00 PM - 02:05 PM	46.0	42.2	42.2	04:40 PM - 04:45 PM	46.1	39.5	
11:25 AM - 11:30 AM	48.2	38.8	38.7	02:05 PM - 02:10 PM	49.4	42.0	42.0	04:45 PM - 04:50 PM	48.1	39.7	
11:30 AM - 11:35 AM	47.0	38.9	38.7	02:10 PM - 02:15 PM	50.5	44.5	44.5	04:50 PM - 04:55 PM	45.3	40.0	
11:35 AM - 11:40 AM	44.3	38.7	38.7	02:15 PM - 02:20 PM	44.8	40.9	40.9	04:55 PM - 05:00 PM	49.7	40.3	
11:40 AM - 11:45 AM	40.7	40.2	38.7	02:20 PM - 02:25 PM	42.2	42.2	42.2	05:00 PM - 05:05 PM	50.0	41.3	
11:45 AM - 11:50 AM	45.5	37.6	38.7	02:25 PM - 02:30 PM	45.9	41.9	41.9	05:05 PM - 05:10 PM	51.9	40.9	
11:50 AM - 11:55 AM	48.5	39.1	38.7	02:30 PM - 02:35 PM	49.3	42.3	42.3	05:10 PM - 05:15 PM	50.4	40.6	
11:55 AM - 12:00 PM	43.3	38.4	38.7	02:35 PM - 02:40 PM	44.8	42.0	42.0	05:15 PM - 05:20 PM	50.6	40.8	
12:00 PM - 12:05 PM	47.9	38.5	38.7	02:40 PM - 02:45 PM	45.4	40.7	40.7	05:20 PM - 05:25 PM	51.3	42.2	
12:05 PM - 12:10 PM	49.0	39.8	38.7	02:45 PM - 02:50 PM	43.8	41.0	41.0	05:25 PM - 05:30 PM	57.0	42.9	
12:10 PM - 12:15 PM	48.0	39.4	38.7	02:50 PM - 02:55 PM	42.2	41.4	41.4	05:30 PM - 05:35 PM	52.2	41.2	
12:15 PM - 12:20 PM	40.1	40.3	38.7	02:55 PM - 03:00 PM	42.2	41.6	41.6	05:35 PM - 05:40 PM	46.8	41.0	
12:20 PM - 12:25 PM	50.1	39.8	38.7	03:00 PM - 03:05 PM	42.3	40.8	40.8	05:40 PM - 05:45 PM	49.6	41.2	
12:25 PM - 12:30 PM	44.8	39.1	38.7	03:05 PM - 03:10 PM	41.7	40.8	40.8	05:45 PM - 05:50 PM	51.3	41.0	
12:30 PM - 12:35 PM	43.6	38.5	38.7	03:10 PM - 03:15 PM	41.7	40.7	40.7	05:50 PM - 05:55 PM	46.8	40.8	
12:35 PM - 12:40 PM	44.0	38.7	38.7	03:15 PM - 03:20 PM	41.3	40.2	40.2	05:55 PM - 06:00 PM	50.9	41.1	



Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Silo 3) Asia Sermk Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : 00000000

Project Name : Project AIE Rayong

Project Location :

Sample Number : 22133616-27
Parameter : Noise Level (Leq 5 min)
Location : N4 (ทางเข้า/ออกถนนสุขุมวิท) (GPS 47P 0727280,1406871)
Measurement Date : Dec 01 - Dec 02, 2022
Measurement by : Santi Chaichana
Sound Level meter : Serial No. 00873057

Lot ID: 22133616

Date Received : Dec 06, 2022

Date Reported : Dec 15, 2022

Report Number : 2512796-1

Page 3 of 3

Dec 02, 2022	Leq	L90	Dec 02, 2022	Leq	L90	Dec 02, 2022	Leq	L90
Time	dB(A)	dB(A)	Time	dB(A)	dB(A)	Time	dB(A)	dB(A)
02:00 AM - 02:05 AM	46.2	43.1	04:40 AM - 04:45 AM	46.7	41.7	07:20 AM - 07:25 AM	53.0	47.1
02:05 AM - 02:10 AM	46.4	43.2	04:45 AM - 04:50 AM	43.8	41.4	07:25 AM - 07:30 AM	51.6	46.9
02:10 AM - 02:15 AM	44.2	42.5	04:50 AM - 04:55 AM	43.8	41.9	07:30 AM - 07:35 AM	53.4	47.7
02:15 AM - 02:20 AM	46.9	43.8	04:55 AM - 05:00 AM	43.2	40.3	07:35 AM - 07:40 AM	53.7	47.7
02:20 AM - 02:25 AM	46.3	45.2	05:00 AM - 05:05 AM	46.6	43.4	07:40 AM - 07:45 AM	54.3	47.6
02:25 AM - 02:30 AM	46.7	45.7	05:05 AM - 05:10 AM	45.9	43.0	07:45 AM - 07:50 AM	54.6	47.6
02:30 AM - 02:35 AM	47.5	45.2	05:10 AM - 05:15 AM	45.3	42.9	07:50 AM - 07:55 AM	53.8	47.2
02:35 AM - 02:40 AM	45.4	44.5	05:15 AM - 05:20 AM	44.5	42.6	07:55 AM - 08:00 AM	54.7	46.9
02:40 AM - 02:45 AM	45.7	44.7	05:20 AM - 05:25 AM	43.6	42.2	08:00 AM - 08:05 AM	57.7	47.5
02:45 AM - 02:50 AM	47.1	46.0	05:25 AM - 05:30 AM	46.3	41.8	08:05 AM - 08:10 AM	49.1	43.4
02:50 AM - 02:55 AM	46.8	45.6	05:30 AM - 05:35 AM	46.0	42.4	08:10 AM - 08:15 AM	56.5	46.4
02:55 AM - 03:00 AM	47.6	44.5	05:35 AM - 05:40 AM	46.8	42.5	08:15 AM - 08:20 AM	52.6	44.0
03:00 AM - 03:05 AM	45.7	44.7	05:40 AM - 05:45 AM	45.6	42.6	08:20 AM - 08:25 AM	53.6	44.2
03:05 AM - 03:10 AM	46.7	44.2	05:45 AM - 05:50 AM	49.5	44.4	08:25 AM - 08:30 AM	49.5	44.4
03:10 AM - 03:15 AM	45.3	43.9	05:50 AM - 05:55 AM	49.4	44.1	08:30 AM - 08:35 AM	50.5	43.9
03:15 AM - 03:20 AM	47.7	44.0	05:55 AM - 06:00 AM	52.0	45.5	08:35 AM - 08:40 AM	53.3	42.6
03:20 AM - 03:25 AM	45.0	43.4	06:00 AM - 06:05 AM	52.6	44.4	08:40 AM - 08:45 AM	47.2	42.9
03:25 AM - 03:30 AM	45.9	43.6	06:05 AM - 06:10 AM	52.5	45.4	08:45 AM - 08:50 AM	48.3	42.2
03:30 AM - 03:35 AM	49.8	43.7	06:10 AM - 06:15 AM	47.1	44.6	08:50 AM - 08:55 AM	46.5	43.0
03:35 AM - 03:40 AM	48.1	44.0	06:15 AM - 06:20 AM	46.3	44.4	08:55 AM - 09:00 AM	46.3	42.7
03:40 AM - 03:45 AM	45.2	44.1	06:20 AM - 06:25 AM	46.8	44.5	09:00 AM - 09:05 AM	46.4	42.2
03:45 AM - 03:50 AM	45.3	44.2	06:25 AM - 06:30 AM	49.0	44.8	09:05 AM - 09:10 AM	46.2	40.6
03:50 AM - 03:55 AM	45.2	43.9	06:30 AM - 06:35 AM	51.2	45.0	09:10 AM - 09:15 AM	44.9	40.7
03:55 AM - 04:00 AM	48.6	42.9	06:35 AM - 06:40 AM	49.2	45.1	09:15 AM - 09:20 AM	45.4	41.8
04:00 AM - 04:05 AM	46.9	43.2	06:40 AM - 06:45 AM	47.8	45.9	09:20 AM - 09:25 AM	44.4	41.5
04:05 AM - 04:10 AM	51.7	43.6	06:45 AM - 06:50 AM	50.9	45.5	09:25 AM - 09:30 AM	44.9	41.2
04:10 AM - 04:15 AM	47.9	43.5	06:50 AM - 06:55 AM	54.2	46.8	09:30 AM - 09:35 AM	47.2	41.7
04:15 AM - 04:20 AM	46.7	43.6	06:55 AM - 07:00 AM	50.7	46.8	09:35 AM - 09:40 AM	45.2	41.2
04:20 AM - 04:25 AM	47.4	44.7	07:00 AM - 07:05 AM	55.0	46.6	09:40 AM - 09:45 AM	43.6	39.4
04:25 AM - 04:30 AM	45.8	43.4	07:05 AM - 07:10 AM	49.8	46.3	09:45 AM - 09:50 AM	42.3	39.2
04:30 AM - 04:35 AM	44.9	42.6	07:10 AM - 07:15 AM	54.4	47.2	09:50 AM - 09:55 AM	40.6	38.0
04:35 AM - 04:40 AM	42.8	41.9	07:15 AM - 07:20 AM	54.1	46.0	09:55 AM - 10:00 AM	42.4	38.3

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Approved by

Saranyut Jitranont
Assistant General Manager

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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Silo 3) Asia Sermk Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : 00000000

Project Name : Project AIE Rayong

Project Location :

Sample Number : 22133616-28
Parameter : Noise Level (Leq 5 min)
Location : N4 (ทางเข้า/ออกถนนสุขุมวิท) (GPS 47P 0727280,1406871)
Measurement Date : Dec 02 - Dec 03, 2022
Measurement by : Santi Chaichana
Sound Level meter : Serial No. 00873057

Lot ID: 22133616

Date Received : Dec 06, 2022

Date Reported : Dec 15, 2022

Report Number : 2512796-1

Page 2 of 3

Dec 02, 2022	Leq	L90	Dec 02, 2022	Leq	L90	Dec 02 - Dec 03, 2022	Leq	L90
Time	dB(A)	dB(A)	Time	dB(A)	dB(A)	Time	dB(A)	dB(A)
06:00 PM - 06:05 PM	46.5	42.8	08:40 PM - 08:45 PM	45.5	44.5	11:20 PM - 11:25 PM	53.5	44.2
06:05 PM - 06:10 PM	47.0	42.5	08:45 PM - 08:50 PM	45.3	44.1	11:25 PM - 11:30 PM	46.4	44.2
06:10 PM - 06:15 PM	48.9	42.3	08:50 PM - 08:55 PM	47.1	44.2	11:30 PM - 11:35 PM	46.6	44.1
06:15 PM - 06:20 PM	47.5	42.7	08:55 PM - 09:00 PM	47.4	46.1	11:35 PM - 11:40 PM	45.9	44.5
06:20 PM - 06:25 PM	49.1	43.4	09:00 PM - 09:05 PM	46.3	43.5	11:40 PM - 11:45 PM	46.3	44.5
06:25 PM - 06:30 PM	50.5	44.3	09:05 PM - 09:10 PM	47.4	43.2	11:45 PM - 11:50 PM	48.5	44.8
06:30 PM - 06:35 PM	50.5	44.3	09:10 PM - 09:15 PM	44.6	43.0	11:50 PM - 11:55 PM	46.5	44.4
06:35 PM - 06:40 PM	48.6	44.0	09:15 PM - 09:20 PM	45.5	42.6	11:55 PM - 12:00 AM	48.4	44.1
06:40 PM - 06:45 PM	49.5	45.3	09:20 PM - 09:25 PM	47.2	42.9	12:00 AM - 12:05 AM	47.3	44.9
06:45 PM - 06:50 PM	53.2	48.5	09:25 PM - 09:30 PM	45.8	42.8	12:05 AM - 12:10 AM	48.0	45.5
06:50 PM - 06:55 PM	52.9	50.7	09:30 PM - 09:35 PM	48.4	43.8	12:10 AM - 12:15 AM	48.1	45.0
06:55 PM - 07:00 PM	53.1	50.5	09:35 PM - 09:40 PM	45.1	43.1	12:15 AM - 12:20 AM	48.0	45.9
07:00 PM - 07:05 PM	53.1	48.8	09:40 PM - 09:45 PM	45.1	43.1	12:20 AM - 12:25 AM	48.7	45.2
07:05 PM - 07:10 PM	53.5	47.5	09:45 PM - 09:50 PM	44.7	42.9	12:25 AM - 12:30 AM	55.9	45.0
07:10 PM - 07:15 PM	51.8	49.7	09:50 PM - 09:55 PM	43.9	42.1	12:30 AM - 12:35 AM	49.6	44.7
07:15 PM - 07:20 PM	52.1	49.1	09:55 PM - 10:00 PM	44.0	42.5	12:35 AM - 12:40 AM	52.4	44.6
07:20 PM - 07:25 PM	52.3	49.9	10:00 PM - 10:05 PM	45.8	43.7	12:40 AM - 12:45 AM	53.4	45.5
07:25 PM - 07:30 PM	53.2	49.3	10:05 PM - 10:10 PM	48.2	42.9	12:45 AM - 12:50 AM	56.7	45.4
07:30 PM - 07:35 PM	54.9	48.4	10:10 PM - 10:15 PM	40.6	42.1	12:50 AM - 12:55 AM	48.4	44.7
07:35 PM - 07:40 PM	55.0	47.7	10:15 PM - 10:20 PM	46.0	42.2	12:55 AM - 01:00 AM	46.4	44.0
07:40 PM - 07:45 PM	52.8	47.2	10:20 PM - 10:25 PM	45.3	42.8	01:00 AM - 01:05 AM	48.6	44.2
07:45 PM - 07:50 PM	50.1	47.1	10:25 PM - 10:30 PM	46.3	42.9	01:05 AM - 01:10 AM	47.4	44.4
07:50 PM - 07:55 PM	50.5	47.1	10:30 PM - 10:35 PM	46.3	42.6	01:10 AM - 01:15 AM	47.9	44.5
07:55 PM - 08:00 PM	50.5	48.0	10:35 PM - 10:40 PM	45.8	43.2	01:15 AM - 01:20 AM	48.0	45.2
08:00 PM - 08:05 PM	50.2	46.7	10:40 PM - 10:45 PM	44.6	42.5	01:20 AM - 01:25 AM	47.4	45.2
08:05 PM - 08:10 PM	49.1	46.4	10:45 PM - 10:50 PM	44.2	42.7	01:25 AM - 01:30 AM	50.1	46.2
08:10 PM - 08:15 PM	48.6	46.5	10:50 PM - 10:55 PM	44.0	42.8	01:30 AM - 01:35 AM	47.2	44.6
08:15 PM - 08:20 PM	48.9	47.1	10:55 PM - 11:00 PM	46.0	44.3	01:35 AM - 01:40 AM	47.5	45.1
08:20 PM - 08:25 PM	53.5	45.8	11:00 PM - 11:05 PM	48.2	45.4	01:40 AM - 01:45 AM	48.3	45.3
08:25 PM - 08:30 PM	53.2	47.2	11:05 PM - 11:10 PM	47.6	43.6	01:45 AM - 01:50 AM	47.1	44.2
08:30 PM - 08:35 PM	48.6	45.1	11:10 PM - 11:15 PM	45.8	44.0	01:50 AM - 01:55 AM	46.5	44.2
08:35 PM - 08:40 PM	50.3	44.7	11:15 PM - 11:20 PM	45.3	43.9	01:55 AM - 02:00 AM	46.7	44.3

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Approved by

Saranyut Jitranont
Assistant General Manager

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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Silo 3) Asia Sermk Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : 00000000

Project Name : Project AIE Rayong

Project Location :

Sample Number : 22133616-28
Parameter : Noise Level (Leq 5 min)
Location : N4 (ทางเข้า/ออกถนนสุขุมวิท) (GPS 47P 0727280,1406871)
Measurement Date : Dec 02 - Dec 03, 2022
Measurement by : Santi Chaichana
Sound Level meter : Serial No. 00873057

Lot ID: 22133616

Date Received : Dec 06, 2022

Date Reported : Dec 15, 2022

Report Number : 2512796-1

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Dec 02, 2022	Leq	L90	Dec 02, 2022	Leq	L90	Dec 02, 2022	Leq	L90
Time	dB(A)	dB(A)	Time	dB(A)	dB(A)	Time	dB(A)	dB(A)
10:00 AM - 10:05 AM	45.0	39.8	12:40 PM - 12:45 PM	44.0	36.8	03:20 PM - 03:25 PM	45.7	42.5
10:05 AM - 10:10 AM	39.6	38.0	12:45 PM - 12:50 PM	44.0	38.3	03:25 PM - 03:30 PM	47.2	42.1
10:10 AM - 10:15 AM	39.7	38.0	12:50 PM - 12:55 PM	42.6	38.5	03:30 PM - 03:35 PM	42.8	41.2
10:15 AM - 10:20 AM	44.0	40.0	12:55 PM - 01:00 PM	46.9	37.2	03:35 PM - 03:40 PM	42.4	40.2
10:20 AM - 10:25 AM	41.1	38.3	01:00 PM - 01:05 PM	44.3	37.3	03:40 PM - 03:45 PM	46.9	39.7
10:25 AM - 10:30 AM	39.8	38.0	01:05 PM - 01:10 PM	43.9	38.5	03:45 PM - 03:50 PM	60.5	40.1
10:30 AM - 10:35 AM	42.7	38.8	01:10 PM - 01:15 PM	49.8	36.9	03:50 PM - 03:55 PM	40.7	39.4
10:35 AM - 10:40 AM	49.7	39.9	01:15 PM - 01:20 PM	47.8	38.8	03:55 PM - 04:00 PM	47.0	39.8
10:40 AM - 10:45 AM	44.1	37.9	01:20 PM - 01:25 PM	47.8	38.7	04:00 PM - 04:05 PM	42.1	39.3
10:45 AM - 10:50 AM	42.2	38.5	01:25 PM - 01:30 PM	47.6	37.8	04:05 PM - 04:10 PM	43.4	39.9
10:50 AM - 10:55 AM	40.0	38.0	01:30 PM - 01:35 PM	44.4	38.6	04:10 PM - 04:15 PM	41.4	40.4
10:55 AM - 11:00 AM	46.6	38.9	01:35 PM - 01:40 PM	49.9	39.0	04:15 PM - 04:20 PM	45.0	40.3
11:00 AM - 11:05 AM	45.5	40.0	01:40 PM - 01:45 PM	42.7	38.1	04:20 PM - 04:25 PM	40.2	39.3
11:05 AM - 11:10 AM	45.1	39.8	01:45 PM - 01:50 PM	42.3	38.7	04:25 PM - 04:30 PM	47.6	39.6
11:10 AM - 11:15 AM	46.8	39.3	01:50 PM - 01:55 PM	42.7	38.6	04:30 PM - 04:35 PM	42.9	39.7
11:15 AM - 11:20 AM	45.1	38.7	01:55 PM - 02:00 PM	44.5	37.2	04:35 PM - 04:40 PM	46.5	39.7
11:20 AM - 11:25 AM	42.2	38.4	02:00 PM - 02:05 PM	43.4	38.4	04:40 PM - 04:45 PM	42.6	40.4
11:25 AM - 11:30 AM	46.4	37.6	02:05 PM - 02:10 PM	38.4	36.4	04:45 PM - 04:50 PM	44.5	41.1
11:30 AM - 11:35 AM	45.0	37.4	02:10 PM - 02:15 PM	43.2	36.9	04:50 PM - 04:55 PM	42.5	40.3
11:35 AM - 11:40 AM	46.5	38.2	02:15 PM - 02:20 PM	44.1	40.0	04:55 PM - 05:00 PM	48.0	39.8
11:40 AM - 11:45 AM	44.4	38.6	02:20 PM - 02:25 PM	40.4	38.1	05:00 PM - 05:05 PM	46.2	39.2
11:45 AM - 11:50 AM	43.3	37.7	02:25 PM - 02:30 PM	39.7	37.6	05:05 PM - 05:10 PM	50.6	39.9
11:50 AM - 11:55 AM	44.6	38.3	02:30 PM - 02:35 PM	43.7	36.8	05:10 PM - 05:15 PM	51.8	38.6
11:55 AM - 12:00 PM	48.3	38.1	02:35 PM - 02:40 PM	39.5	37.7	05:15 PM - 05:20 PM	47.8	38.9
12:00 PM - 12:05 PM	40.6	38.7	02:40 PM - 02:45 PM	40.6	37.6	05:20 PM - 05:25 PM	54.8	40.5
12:05 PM - 12:10 PM	50.5	40.0	02:45 PM - 02:50 PM	40.3	38.1	05:25 PM - 05:30 PM	54.8	43.8
12:10 PM - 12:15 PM	46.5	38.1	02:50 PM - 02:55 PM	43.7	37.5	05:30 PM - 05:35 PM	56.6	41.3
12:15 PM - 12:20 PM	46.7	39.2	02:55 PM - 03:00 PM	43.7	37.8	05:35 PM - 05:40 PM	51.0	41.8
12:20 PM - 12:25 PM	46.2	38.6	03:00 PM - 03:05 PM	42.0	38.0	05:40 PM - 05:45 PM	50.3	40.8
12:25 PM - 12:30 PM	43.0	38.5	03:05 PM - 03:10 PM	41.7	39.1	05:45 PM - 05:50 PM	46.9	41.1
12:30 PM - 12:35 PM	46.5	38.7	03:10 PM - 03:15 PM	44.2	40.6	05:50 PM - 05:55 PM	49.2	42.6
12:35 PM - 12:40 PM	44.1	38.4	03:15 PM - 03:20 PM	42.2	40.9	05:55 PM - 06:00 PM	47.6	42.0



Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : สัญญาจ้าง
Project Name : Project AIE Raying
Project Location :

Lot ID: 22133617
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report Number : 2518865-1

Sample No. 22133617-1
Parameter เลื่อนฐาน
Location N1 (พื้นที่รื้อถอนเก่า) (GPS 47P 0726474,1407389)
Measurement Date Nov 26 - 27, 2022
Measurement by Santi Chaichana
Sound Level Meter 00572561

Page 1 of 3

เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	ผลต่างระดับเสียง	ตัวปรับค่า	ปรับค่าเสียงจากแหล่งกำเนิด		เสียงพื้นฐาน	ค่าระดับการรบกวน
					กลางวัน	กลางคืน		
11:00 AM - 12:00 PM	52.8	48.0	4.8	1.5	51.3	-	42.4	8.9
12:00 PM - 01:00 PM	53.5	55.2	-17.7	7.0	46.5	-	49.5	-3.0
01:00 PM - 02:00 PM	52.7	50.1	2.6	3.0	49.7	-	44.9	4.8
02:00 PM - 03:00 PM	56.1	51.8	4.3	2.0	54.1	-	44.0	10.1
03:00 PM - 04:00 PM	53.3	51.7	1.6	4.5	48.8	-	44.4	4.4
04:00 PM - 05:00 PM	55.7	50.8	4.9	1.5	54.2	-	45.5	8.7
05:00 PM - 06:00 PM	62.0	52.3	9.7	0.5	61.5	-	46.0	15.5
06:00 PM - 07:00 PM	55.9	51.9	4.0	2.0	53.9	-	46.1	7.8
07:00 PM - 08:00 PM	55.9	51.1	4.8	1.5	54.4	-	46.1	8.3
08:00 PM - 09:00 PM	54.0	50.1	3.9	2.0	52.0	-	43.9	8.1
09:00 PM - 10:00 PM	52.6	48.6	4.0	2.0	50.6	-	44.8	5.8
10:00 PM - 10:55 PM	53.4	45.8	7.6	0.5	-	55.9	42.1	13.8
10:55 PM - 11:00 PM	51.7	45.7	6.0	1.5	-	53.2	42.1	11.1
11:00 PM - 11:55 PM	51.0	48.7	2.3	4.5	-	49.5	42.2	7.3
11:55 PM - 12:00 PM	52.6	45.3	7.3	0.0	-	54.6	41.8	12.8
12:00 PM - 12:25 PM	50.2	48.2	2.0	4.5	-	48.7	42.0	6.7
12:25 PM - 12:30 PM	51.6	46.8	4.8	1.5	-	53.1	40.6	12.5
12:30 PM - 12:35 PM	49.6	50.1	-0.5	7.0	-	45.6	40.9	4.7
12:35 PM - 12:40 PM	48.8	48.5	0.3	7.0	-	44.8	41.7	3.1
12:40 PM - 12:45 PM	51.8	48.0	3.8	2.0	-	52.8	41.8	11.0
12:45 PM - 12:50 PM	51.0	46.0	5.0	1.5	-	52.5	41.6	10.9
12:50 PM - 12:55 PM	51.6	44.6	7.0	1.0	-	53.6	40.8	12.8
12:55 PM - 1:00 PM	50.0	45.0	5.0	1.5	-	51.5	41.4	10.1
1:00 PM - 1:05 PM	50.1	45.8	4.3	2.0	-	51.1	41.9	9.2
1:05 PM - 1:10 PM	48.2	51.0	-2.8	7.0	-	44.2	41.3	2.9
1:10 PM - 1:15 PM	48.7	46.8	1.9	4.5	-	47.2	41.9	5.3
1:15 PM - 1:20 PM	47.6	45.1	2.5	3.0	-	47.6	42.0	5.6
1:20 PM - 1:25 PM	48.5	46.5	1.5	4.5	-	46.5	42.4	4.1
1:25 PM - 1:30 PM	51.9	45.0	6.9	1.0	-	53.9	41.8	12.1
1:30 PM - 1:35 PM	52.9	45.3	7.6	0.5	-	55.4	42.0	13.4
1:35 PM - 1:40 PM	47.8	50.5	-2.7	7.0	-	43.8	41.3	0.5
1:40 PM - 1:45 PM	53.2	48.8	4.4	2.0	-	54.2	42.8	11.4
1:45 PM - 1:50 PM	50.2	47.2	3.0	3.0	-	50.2	42.1	8.1
1:50 PM - 1:55 PM	46.4	44.9	1.5	4.5	-	44.9	42.1	2.8
1:55 PM - 12:00 AM	48.0	52.2	-4.2	7.0	-	44.0	42.2	1.8
12:00 AM - 12:05 AM	48.7	44.7	4.0	2.0	-	49.7	41.8	7.9
12:05 AM - 12:10 AM	47.3	50.1	-2.8	7.0	-	43.3	42.4	0.9
12:10 AM - 12:15 AM	47.5	45.5	2.0	4.5	-	46.0	41.4	4.6
12:15 AM - 12:20 AM	48.5	42.3	6.2	1.5	-	50.0	41.2	8.8
12:20 AM - 12:25 AM	48.8	46.6	2.2	4.5	-	47.3	41.4	5.9

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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : สัญญาจ้าง
Project Name : Project AIE Raying
Project Location :

Lot ID: 22133617
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report Number : 2518865-1

Sample No. 22133617-1
Parameter เลื่อนฐาน
Location N1 (พื้นที่รื้อถอนเก่า) (GPS 47P 0726474,1407389)
Measurement Date Nov 26 - 27, 2022
Measurement by Santi Chaichana
Sound Level Meter 00572561

Page 2 of 3

เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	ผลต่างระดับเสียง	ตัวปรับค่า	ปรับค่าเสียงจากแหล่งกำเนิด		เสียงพื้นฐาน	ค่าระดับการรบกวน
					กลางวัน	กลางคืน		
12:25 AM - 12:30 AM	48.1	43.9	4.2	2.0	-	49.1	41.6	7.5
12:30 AM - 12:35 AM	46.7	45.8	0.9	7.0	-	47.7	41.7	6.0
12:35 AM - 12:40 AM	48.5	46.2	2.3	4.5	-	47.0	42.0	5.0
12:40 AM - 12:45 AM	50.0	43.4	6.6	1.0	-	52.0	41.3	10.7
12:45 AM - 12:50 AM	48.4	46.0	2.4	4.5	-	46.9	41.4	5.5
12:50 AM - 12:55 AM	46.6	45.7	0.9	7.0	-	42.6	41.3	1.3
12:55 AM - 01:00 AM	47.9	43.8	4.1	2.0	-	48.9	41.7	7.2
01:00 AM - 01:05 AM	49.3	45.1	4.2	3.0	-	50.3	42.4	7.9
01:05 AM - 01:10 AM	48.0	42.4	5.6	1.5	-	49.5	40.9	8.6
01:10 AM - 01:15 AM	46.9	44.9	2.0	4.5	-	45.4	41.8	3.6
01:15 AM - 01:20 AM	48.2	48.6	-0.4	7.0	-	44.2	42.7	1.5
01:20 AM - 01:25 AM	49.3	42.9	6.4	1.5	-	50.8	41.4	9.4
01:25 AM - 01:30 AM	47.2	45.3	1.9	4.5	-	45.7	41.9	3.8
01:30 AM - 01:35 AM	48.7	44.3	4.4	2.0	-	49.7	41.0	8.7
01:35 AM - 01:40 AM	46.3	47.4	-1.1	7.0	-	42.3	42.0	0.3
01:40 AM - 01:45 AM	48.0	47.2	0.8	7.0	-	44.0	42.9	1.1
01:45 AM - 01:50 AM	46.3	43.2	3.1	3.0	-	46.3	41.4	4.9
01:50 AM - 01:55 AM	48.9	43.6	5.3	1.5	-	50.4	40.9	9.5
01:55 AM - 02:00 AM	48.8	44.3	4.5	1.5	-	50.3	40.9	9.4
02:00 AM - 02:05 AM	47.8	42.5	5.3	1.5	-	49.3	40.5	8.8
02:05 AM - 02:10 AM	46.0	42.8	3.2	3.0	-	46.0	41.2	4.8
02:10 AM - 02:15 AM	56.2	46.2	10.0	0.5	-	58.7	40.7	18.0
02:15 AM - 02:20 AM	46.3	44.8	1.5	4.5	-	44.8	40.9	3.9
02:20 AM - 02:25 AM	46.4	43.5	2.9	3.0	-	46.4	40.8	5.6
02:25 AM - 02:30 AM	42.3	41.9	0.4	7.0	-	38.3	40.3	-2.0
02:30 AM - 02:35 AM	43.9	42.6	1.3	7.0	-	39.9	39.5	0.4
02:35 AM - 02:40 AM	42.4	41.6	0.8	7.0	-	38.4	39.5	-1.1
02:40 AM - 02:45 AM	45.0	46.3	-1.3	7.0	-	41.0	39.9	1.1
02:45 AM - 02:50 AM	42.4	42.7	-0.3	7.0	-	38.4	40.5	-2.1
02:50 AM - 02:55 AM	44.0	43.1	0.9	7.0	-	40.0	39.7	0.3
02:55 AM - 03:00 AM	46.0	42.3	3.7	2.0	-	46.0	39.4	6.6
03:00 AM - 03:05 AM	43.9	47.7	-3.8	7.0	-	39.9	39.4	0.5
03:05 AM - 03:10 AM	45.9	45.9	0.0	7.0	-	41.9	39.8	2.1
03:10 AM - 03:15 AM	47.4	40.7	6.7	1.0	-	49.4	39.7	9.7
03:15 AM - 03:20 AM	44.2	44.2	0.0	7.0	-	38.7	39.9	-1.2
03:20 AM - 03:25 AM	44.0	44.3	-0.3	7.0	-	40.0	39.3	0.7
03:25 AM - 03:30 AM	44.5	47.0	-2.5	7.0	-	40.5	39.5	1.0
03:30 AM - 03:35 AM	50.7	47.9	2.8	3.0	-	50.7	39.3	11.2
03:35 AM - 03:40 AM	43.2	41.4	1.8	4.5	-	41.7	39.4	2.3
03:40 AM - 03:45 AM	43.7	42.1	1.6	4.5	-	42.2	39.6	2.6

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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : สัญญาจ้าง
Project Name : Project AIE Raying
Project Location :

Lot ID: 22133617
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report Number : 2518865-1

Sample No. 22133617-1
Parameter เลื่อนฐาน
Location N1 (พื้นที่รื้อถอนเก่า) (GPS 47P 0726474,1407389)
Measurement Date Nov 26 - 27, 2022
Measurement by Santi Chaichana
Sound Level Meter 00572561

Page 3 of 3

ตารางเสียง (dB(A))								
เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	ผลต่างระดับเสียง	ตัวปรับค่า	ปรับค่าเสียงจากแหล่งกำเนิดกลางคืน	เสียงพื้นฐาน	ค่าระดับการรบกวน	
03:45 AM - 03:50 AM	45.1	42.7	2.4	4.5	-	43.6	40.0	3.6
03:50 AM - 03:55 AM	47.1	42.3	4.8	1.5	-	48.6	39.5	9.1
03:55 AM - 04:00 AM	49.3	40.6	8.7	0.5	-	51.8	39.3	12.5
04:00 AM - 04:05 AM	45.7	40.8	4.9	1.5	-	47.2	39.4	7.8
04:05 AM - 04:10 AM	45.6	42.6	3.0	3.0	-	45.6	39.9	5.7
04:10 AM - 04:15 AM	45.9	42.7	3.2	3.0	-	45.9	41.0	4.9
04:15 AM - 04:20 AM	48.0	42.6	5.4	1.5	-	49.5	40.5	9.0
04:20 AM - 04:25 AM	49.3	41.9	7.4	1.0	-	51.3	39.9	11.4
04:25 AM - 04:30 AM	50.8	40.8	10.0	0.5	-	53.3	39.1	14.2
04:30 AM - 04:35 AM	47.5	42.1	5.4	1.5	-	49.0	39.3	9.7
04:35 AM - 04:40 AM	47.7	43.9	3.8	2.0	-	48.7	39.3	9.4
04:40 AM - 04:45 AM	47.1	42.7	4.4	2.0	-	48.1	39.2	8.9
04:45 AM - 04:50 AM	49.5	40.6	8.9	0.5	-	54.5	40.0	14.5
04:50 AM - 04:55 AM	48.7	42.8	5.9	1.0	-	44.7	39.1	5.6
04:55 AM - 05:00 AM	48.8	48.5	0.3	7.0	-	44.8	39.1	5.7
05:00 AM - 05:05 AM	50.3	48.6	1.7	4.5	-	48.8	39.3	9.5
05:05 AM - 05:10 AM	50.6	47.1	3.5	2.0	-	51.6	39.3	12.3
05:10 AM - 05:15 AM	49.1	48.8	0.3	7.0	-	45.1	40.1	5.0
05:15 AM - 05:20 AM	52.4	47.0	5.4	1.5	-	53.9	41.2	12.7
05:20 AM - 05:25 AM	52.0	44.0	8.0	0.5	-	54.5	40.9	13.6
05:25 AM - 05:30 AM	51.0	44.8	6.2	1.5	-	52.5	40.9	11.6
05:30 AM - 05:35 AM	61.9	48.7	13.2	0.0	-	64.9	40.7	24.2
05:35 AM - 05:40 AM	53.1	49.6	3.5	2.0	-	54.1	41.0	13.1
05:40 AM - 05:45 AM	55.5	46.2	9.3	0.5	-	58.0	41.1	16.9
05:45 AM - 05:50 AM	54.5	53.5	1.0	7.0	-	50.5	41.9	8.6
05:50 AM - 05:55 AM	58.0	53.6	4.4	2.0	-	59.0	43.4	15.6
05:55 AM - 06:00 AM	53.6	51.6	2.0	4.5	-	52.1	43.8	8.3
06:00 AM - 07:00 AM	56.3	57.0	-0.7	7.0	49.3	-	44.5	4.8
07:00 AM - 08:00 AM	52.2	53.0	-0.8	2.0	49.6	-	44.6	10.1
08:00 AM - 09:00 AM	56.1	53.2	2.8	1.5	46.7	-	46.7	7.9
09:00 AM - 10:00 AM	52.9	53.1	0.1	7.0	46.2	-	49.6	-3.4
10:00 AM - 11:00 AM	53.2	52.2	1.0	7.0	45.9	-	47.8	-1.0



Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silm 3) Asia Sermik Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O : วิศวกร
Project Name : Project AIE Rayong
Project Location : วิศวกร

Lot ID: 22133617
Date Received : Dec 05, 2022
Date Reported : Dec 15, 2022
Report Number : 2518866-1

Sample No. : 22133617-2
Parameter : เสียงรบกวน
Location : N1 (โหนดวัดหน้าประตู) (GPS 47P 0726474, 1407389)
Measurement Date : Nov 27 - 28, 2022
Measurement by : Santi Chachana
Sound Level Meter : 00572561

เวลา	เสียงจากแหล่งกำเนิด	เสียงรบกวน	ผลต่าง	ตัวปรับค่า	ปรับค่าเสียงจากแหล่งกำเนิด		เสียงที่ฐาน	ค่าระดับการรบกวน
					กลางวัน	กลางคืน		
12:25 AM - 12:30 AM	50.4	43.4	7.0	1.0	-	52.4	40.8	11.6
12:30 AM - 12:35 AM	47.2	45.1	2.1	4.5	-	45.7	41.2	4.5
12:35 AM - 12:40 AM	47.4	43.7	3.7	2.0	-	48.4	41.2	7.2
12:40 AM - 12:45 AM	45.1	47.0	-1.9	7.0	-	41.1	41.0	0.1
12:45 AM - 12:50 AM	46.9	49.8	-2.9	7.0	-	42.0	40.8	1.2
12:50 AM - 12:55 AM	45.8	41.7	4.1	4.5	-	44.3	41.3	3.0
12:55 AM - 01:00 AM	45.0	44.7	0.3	7.0	-	41.0	41.5	-0.5
01:00 AM - 01:05 AM	46.6	45.6	1.0	7.0	-	42.6	41.4	1.2
01:05 AM - 01:10 AM	44.9	42.8	2.1	4.5	-	45.5	42.5	3.0
01:10 AM - 01:15 AM	46.4	45.2	1.2	3.0	-	48.4	40.7	7.7
01:15 AM - 01:20 AM	45.3	44.1	1.2	7.0	-	41.3	41.0	0.3
01:20 AM - 01:25 AM	44.6	44.0	0.6	7.0	-	40.6	41.8	-1.2
01:25 AM - 01:30 AM	47.0	44.7	2.3	4.5	-	45.5	42.5	3.0
01:30 AM - 01:35 AM	47.9	41.3	6.6	1.5	-	49.4	42.0	7.4
01:35 AM - 01:40 AM	45.3	44.1	1.2	7.0	-	41.3	42.0	-0.7
01:40 AM - 01:45 AM	41.9	44.5	-2.6	7.0	-	37.9	41.8	-3.9
01:45 AM - 01:50 AM	46.2	42.8	3.4	3.0	-	46.2	41.7	4.5
01:50 AM - 01:55 AM	42.9	41.3	1.6	7.0	-	38.9	41.7	-2.8
01:55 AM - 02:00 AM	43.6	43.1	0.5	7.0	-	39.6	41.0	-1.4
02:00 AM - 02:05 AM	47.4	41.7	5.7	1.5	-	48.9	40.4	8.5
02:05 AM - 02:10 AM	43.2	42.3	0.9	7.0	-	39.2	39.7	-0.5
02:10 AM - 02:15 AM	46.6	44.4	2.2	7.0	-	40.6	39.8	0.8
02:15 AM - 02:20 AM	45.0	42.0	3.0	3.0	-	45.0	40.0	5.0
02:20 AM - 02:25 AM	45.0	41.1	3.9	2.0	-	46.0	40.4	5.6
02:25 AM - 02:30 AM	44.1	44.8	-0.7	7.0	-	40.1	41.4	-1.3
02:30 AM - 02:35 AM	47.2	42.8	4.4	2.0	-	48.2	41.0	7.2
02:35 AM - 02:40 AM	46.5	42.2	4.3	2.0	-	47.5	41.2	6.3
02:40 AM - 02:45 AM	45.8	43.7	2.1	4.5	-	44.3	42.2	2.1
02:45 AM - 02:50 AM	42.9	41.9	1.0	7.0	-	38.9	40.7	-1.8
02:50 AM - 02:55 AM	45.3	41.6	3.7	2.0	-	46.3	40.6	5.7
02:55 AM - 03:00 AM	43.2	43.3	-0.1	7.0	-	39.2	41.5	-2.3
03:00 AM - 03:05 AM	43.9	42.8	1.1	7.0	-	39.9	41.9	-2.0
03:05 AM - 03:10 AM	45.4	43.2	2.2	4.5	-	43.9	41.1	2.8
03:10 AM - 03:15 AM	45.7	43.4	2.3	4.5	-	44.2	41.2	3.0
03:15 AM - 03:20 AM	46.9	41.7	5.2	1.5	-	48.4	40.5	7.9
03:20 AM - 03:25 AM	45.5	43.2	2.3	4.5	-	44.0	41.0	3.0
03:25 AM - 03:30 AM	44.9	43.4	1.5	4.5	-	41.9	41.8	0.1
03:30 AM - 03:35 AM	48.2	41.4	6.8	1.0	-	50.2	40.0	10.2
03:35 AM - 03:40 AM	45.3	46.1	-0.8	7.0	-	41.3	39.6	1.7
03:40 AM - 03:45 AM	43.7	47.7	-4.0	7.0	-	39.7	39.7	0.0

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Analysis / Test Report

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P/O : วิศวกร
Project Name : Project AIE Rayong
Project Location : วิศวกร

Lot ID: 22133617
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report Number : 2518866-1

Sample No. : 22133617-2
Parameter : เสียงรบกวน
Location : N1 (โหนดวัดหน้าประตู) (GPS 47P 0726474, 1407389)
Measurement Date : Nov 27 - 28, 2022
Measurement by : Santi Chachana
Sound Level Meter : 00572561

เวลา	เสียงจากแหล่งกำเนิด	เสียงรบกวน	ผลต่าง	ตัวปรับค่า	ปรับค่าเสียงจากแหล่งกำเนิด		เสียงที่ฐาน	ค่าระดับการรบกวน
					กลางวัน	กลางคืน		
03:45 AM - 03:50 AM	45.5	41.6	3.9	2.0	-	46.5	39.4	7.1
03:50 AM - 03:55 AM	49.6	41.0	8.6	1.0	-	51.6	39.3	12.3
03:55 AM - 04:00 AM	44.6	41.4	3.2	3.0	-	44.6	39.9	4.7
04:00 AM - 04:05 AM	45.9	41.5	4.4	2.0	-	46.9	39.7	7.2
04:05 AM - 04:10 AM	46.1	49.8	-3.7	7.0	-	42.1	39.7	2.4
04:10 AM - 04:15 AM	54.8	45.0	9.8	0.5	-	57.3	39.3	18.0
04:15 AM - 04:20 AM	57.7	41.0	16.7	0.0	-	60.7	39.2	21.5
04:20 AM - 04:25 AM	48.8	48.7	0.1	7.0	-	44.8	40.4	4.4
04:25 AM - 04:30 AM	48.2	41.7	6.5	1.0	-	49.2	39.5	10.7
04:30 AM - 04:35 AM	49.8	41.0	8.8	1.5	-	51.8	39.2	12.6
04:35 AM - 04:40 AM	45.4	43.6	1.8	4.5	-	43.9	41.4	2.5
04:40 AM - 04:45 AM	46.1	45.8	0.3	7.0	-	42.1	41.0	1.1
04:45 AM - 04:50 AM	48.4	44.8	3.6	2.0	-	49.4	40.9	8.5
04:50 AM - 04:55 AM	48.1	47.8	0.3	7.0	-	49.8	40.5	9.3
04:55 AM - 05:00 AM	48.5	42.8	5.7	1.5	-	50.0	40.0	10.0
05:00 AM - 05:05 AM	49.2	43.8	5.4	1.5	-	50.7	40.2	10.5
05:05 AM - 05:10 AM	51.9	45.6	6.3	1.5	-	53.0	40.5	12.5
05:10 AM - 05:15 AM	50.7	46.2	4.5	1.5	-	52.2	41.1	11.1
05:15 AM - 05:20 AM	52.2	46.2	6.0	2.0	-	53.2	41.7	11.5
05:20 AM - 05:25 AM	50.4	48.5	1.9	4.5	-	48.9	41.7	7.2
05:25 AM - 05:30 AM	51.4	45.6	5.8	1.5	-	52.9	41.6	11.3
05:30 AM - 05:35 AM	50.2	48.2	2.0	0.5	-	51.7	42.6	15.1
05:35 AM - 05:40 AM	53.6	47.7	5.9	1.5	-	55.1	42.2	12.9
05:40 AM - 05:45 AM	54.5	49.6	4.9	1.5	-	56.0	42.5	13.5
05:45 AM - 05:50 AM	53.7	54.3	-0.6	7.0	-	49.7	43.6	6.1
05:50 AM - 05:55 AM	51.9	52.1	-1.8	4.5	-	52.4	42.6	9.8
05:55 AM - 06:00 AM	55.2	51.0	4.2	2.0	-	56.2	43.7	12.5
06:00 AM - 07:00 AM	56.6	53.5	3.1	3.0	53.6	-	48.0	5.6
07:00 AM - 08:00 AM	57.4	55.4	2.0	4.5	52.9	-	48.8	4.1
08:00 AM - 09:00 AM	54.4	49.4	5.0	1.5	50.3	-	44.7	8.2
09:00 AM - 10:00 AM	52.3	48.2	4.1	2.0	50.3	-	43.1	7.2
10:00 AM - 11:00 AM	52.3	50.7	1.6	4.5	47.8	-	42.5	5.3

Reference Method : Based on ISO 1996-1 and ISO 1996-2

หมายเหตุ

1. โปรดตรวจสอบผลการทดสอบ : ผลการทดสอบเสียงรบกวนตามระดับเสียงที่แสดงจากผลการทดสอบตาม พ.ร.บ. 2548
2. โปรดตรวจสอบผลการทดสอบ : ผลการทดสอบเสียงรบกวนตามระดับเสียงที่แสดงจากผลการทดสอบตาม พ.ร.บ. 2548
3. โปรดตรวจสอบผลการทดสอบ : ผลการทดสอบเสียงรบกวนตามระดับเสียงที่แสดงจากผลการทดสอบตาม พ.ร.บ. 2548

ระดับเสียงรบกวนเฉลี่ย : 42.5 dB (A) (ค่าเฉลี่ยของระดับเสียงรบกวนตามระดับเสียงที่แสดงจากผลการทดสอบตาม พ.ร.บ. 2548)

ระดับเสียงรบกวนสูงสุด : 60.7 dB (A) (ค่าสูงสุดของระดับเสียงรบกวนตามระดับเสียงที่แสดงจากผลการทดสอบตาม พ.ร.บ. 2548)

The above results are valid only for the analyzed (tested) service(s) as indicated in this report. The part of the report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silm 3) Asia Sermik Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O : วิศวกร
Project Name : Project AIE Rayong
Project Location : วิศวกร

Lot ID: 22133617
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report Number : 2518867-1

Sample No. : 22133617-3
Parameter : เสียงรบกวน
Location : N1 (โหนดวัดหน้าประตู) (GPS 47P 0726474, 1407389)
Measurement Date : Nov 28 - 29, 2022
Measurement by : Santi Chachana
Sound Level Meter : 00572561

เวลา	เสียงจากแหล่งกำเนิด	เสียงรบกวน โมดูลการควบคุม	ระดับเสียง (dB(A))		ปรับค่าเสียงจากแหล่งกำเนิด		เสียงที่ฐาน	ค่าระดับการรบกวน
			ผลต่าง	ตัวปรับค่า	กลางวัน	กลางคืน		
11:00 AM - 12:00 PM	52.9	49.0	3.9	2.0	50.9	-	42.2	8.7
12:00 PM - 01:00 PM	54.1	50.8	3.3	3.0	51.1	-	42.4	8.7
01:00 PM - 02:00 PM	54.8	53.1	1.7	4.5	50.3	-	42.5	7.8
02:00 PM - 03:00 PM	60.1	56.6	3.5	2.0	58.1	-	51.0	7.1
03:00 PM - 04:00 PM	53.6	52.0	1.6	4.5	49.1	-	47.3	1.8
04:00 PM - 05:00 PM	54.8	52.3	2.5	3.0	51.8	-	46.2	5.6
05:00 PM - 06:00 PM	56.3	54.6	1.7	4.5	51.8	-	50.9	0.9
06:00 PM - 07:00 PM	55.2	51.5	3.7	2.0	53.2	-	47.8	5.4
07:00 PM - 08:00 PM	55.0	50.6	4.4	2.0	53.0	-	47.3	5.7
08:00 PM - 09:00 PM	51.6	52.3	-0.7	7.0	46.6	-	47.8	-1.2
09:00 PM - 10:00 PM	52.9	50.4	2.5	3.0	49.9	-	44.6	5.3
10:00 PM - 10:05 PM	50.8	46.3	4.5	1.5	-	52.3	43.8	8.5
10:05 PM - 10:10 PM	51.6	47.6	4.0	2.0	-	52.6	43.7	8.9
10:10 PM - 10:15 PM	50.7	46.5	4.2	4.5	-	51.7	44.1	7.6
10:15 PM - 10:20 PM	50.9	47.9	3.0	3.0	-	50.9	44.1	6.8
10:20 PM - 10:25 PM	48.9	47.6	1.3	7.0	-	44.9	43.6	1.3
10:25 PM - 10:30 PM	49.2	51.6	-2.4	7.0	-	45.2	43.6	1.6
10:30 PM - 10:35 PM	48.9	47.4	1.5	4.5	-	47.4	41.0	6.4
10:35 PM - 10:40 PM	49.6	46.8	2.8	3.0	-	49.6	43.3	6.3
10:40 PM - 10:45 PM	48.8	49.5	-0.7	7.0	-	44.8	43.7	1.1
10:45 PM - 10:50 PM	47.3	54.3	-7.0	7.0	-	43.3	43.9	-0.6
10:50 PM - 10:55 PM	52.0	50.8	1.2	4.5	-	48.0	43.0	5.0
10:55 PM - 11:00 PM	48.2	49.3	-1.1	7.0	-	44.2	43.2	1.0
11:00 PM - 11:05 PM	48.4	47.1	1.3	7.0	-	44.4	43.3	1.1
11:05 PM - 11:10 PM	48.2	44.9	3.3	3.0	48.2	-	42.9	5.3
11:10 PM - 11:15 PM	50.1	47.5	2.6	3.0	50.1	-	43.3	6.8
11:15 PM - 11:20 PM	48.2	45.2	3.0	3.0	48.2	-	43.2	5.0
11:20 PM - 11:25 PM	46.1	45.3	0.8	7.0	42.1	-	43.5	-1.4
11:25 PM - 11:30 PM	47.9	45.5	2.4	4.5	46.4	-	43.5	2.9
11:30 PM - 11:35 PM	46.6	45.7	-0.9	7.0	40.6	-	43.5	-2.9
11:35 PM - 11:40 PM	45.7	45.5	0.2	7.0	41.7	-	44.0	-2.3
11:40 PM - 11:45 PM	50.5	46.2	4.3	2.0	51.5	-	43.5	8.0
11:45 PM - 11:50 PM	46.0	48.7	-2.7	7.0	42.0	-	43.6	-1.6
11:50 PM - 11:55 PM	46.1	45.7	0.7	7.0	42.4	-	43.1	-0.7
11:55 PM - 12:00 AM	44.7	52.7	-8.0	7.0	40.7	-	43.1	-2.4
12:00 AM - 12:05 AM	47.7	44.5	3.2	3.0	47.7	-	43.0	4.7
12:05 AM - 12:10 AM	44.7	44.8	-0.6	7.0	40.7	-	42.8	-2.6
12:10 AM - 12:15 AM	47.4	44.2	3.2	3.0	47.4	-	43.5	3.9
12:15 AM - 12:20 AM	47.0	45.5	1.5	4.5	45.5	-	42.8	2.6
12:20 AM - 12:25 AM	48.1	46.3	1.8	4.5	48.3	-	43.9	4.4



Analysis / Test Report

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P/O : สัญญาจ้าง
Project Name : Project AIE Rayong
Project Location : Project AIE Rayong

Lot ID: 22133617
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report Number : 2518868-1

Page 2 of 3

Sample No. : 22133617-3
Parameter : เสียงรบกวน
Location : N1 (ใกล้ประตูหน้าทางเข้า) (GPS 47P 0726474,1407389)
Measurement Date : Nov 28 - 29, 2022
Measurement by : Santi Chaichana
Sound Level Meter : 00572561

เวลา	เสียงจากแหล่งกำเนิด	เสียงรบกวน ไม่มีการรบกวน	ผลต่าง ระดับเสียง	ตัวปรับค่า	ปรับค่าเสียงจากแหล่งกำเนิด		เสียงที่ฐาน	ค่าระดับ การรบกวน
					กลางคืน	กลางวัน		
03:45 AM - 03:50 AM	45.3	46.0	-0.7	7.0	-	41.3	45.6	-4.3
03:50 AM - 03:55 AM	46.5	47.0	-0.5	7.0	-	42.5	45.7	-3.2
03:55 AM - 04:00 AM	44.1	45.8	-1.7	7.0	-	40.1	45.5	-5.4
04:00 AM - 04:05 AM	49.5	49.9	-0.4	7.0	-	50.5	45.3	5.2
04:05 AM - 04:10 AM	47.5	46.0	1.5	4.5	-	46.0	44.9	1.1
04:10 AM - 04:15 AM	51.8	47.1	4.7	1.5	-	51.3	45.9	7.4
04:15 AM - 04:20 AM	52.6	51.6	1.0	7.0	-	48.6	45.6	3.0
04:20 AM - 04:25 AM	48.1	50.3	-2.2	7.0	-	44.1	46.0	-1.9
04:25 AM - 04:30 AM	46.8	47.4	-0.6	7.0	-	42.8	46.0	-3.2
04:30 AM - 04:35 AM	45.7	46.7	-1.0	7.0	-	41.7	45.8	-4.1
04:35 AM - 04:40 AM	48.8	47.0	1.8	4.5	-	47.3	46.0	1.3
04:40 AM - 04:45 AM	48.4	47.2	1.2	7.0	-	44.4	45.8	-1.4
04:45 AM - 04:50 AM	49.7	47.3	2.4	4.5	-	48.2	45.6	2.6
04:50 AM - 04:55 AM	48.8	47.3	1.5	4.5	-	47.3	45.6	1.7
04:55 AM - 05:00 AM	50.5	46.3	4.2	7.0	-	51.5	45.5	6.0
05:00 AM - 05:05 AM	48.3	46.5	1.8	4.5	-	46.8	43.6	3.2
05:05 AM - 05:10 AM	48.5	45.8	2.7	3.0	-	48.5	43.4	5.1
05:10 AM - 05:15 AM	51.1	45.9	5.2	7.0	-	52.6	43.2	9.4
05:15 AM - 05:20 AM	48.4	45.8	2.6	3.0	-	48.4	43.4	5.0
05:20 AM - 05:25 AM	51.3	46.8	4.5	1.5	-	52.8	43.1	9.7
05:25 AM - 05:30 AM	50.9	46.4	4.5	1.5	-	52.4	43.2	9.2
05:30 AM - 05:35 AM	54.4	48.7	5.7	1.5	-	55.9	44.0	11.9
05:35 AM - 05:40 AM	53.8	48.7	5.1	1.5	-	55.3	43.9	11.4
05:40 AM - 05:45 AM	53.0	51.1	1.9	4.5	-	51.5	45.9	5.6
05:45 AM - 05:50 AM	53.6	53.5	0.1	7.0	-	49.6	46.7	2.9
05:50 AM - 05:55 AM	55.2	56.4	-1.2	7.0	-	51.2	45.8	5.4
05:55 AM - 06:00 AM	53.5	54.8	-1.3	7.0	-	49.5	46.2	3.3
06:00 AM - 07:00 AM	56.6	54.9	1.7	4.5	52.1	-	48.1	4.0
07:00 AM - 08:00 AM	57.2	53.7	3.5	2.0	55.2	-	48.6	6.6
08:00 AM - 09:00 AM	54.7	51.3	3.4	3.0	51.7	-	47.2	7.5
09:00 AM - 10:00 AM	52.7	48.4	4.3	2.0	50.7	-	42.4	8.3
10:00 AM - 11:00 AM	52.3	48.8	3.5	2.0	50.3	-	43.2	7.1
หมายเหตุ : < 10								

Reference Method : Based on ISO 1996-1 and ISO 1996-2

- หมายเหตุ :
1. ประกาศกระทรวงมหาดไทย เรื่อง การกำหนดวิธีวัดเสียงการรบกวนและระดับเสียงที่อาคารประเภทที่พักอาศัยในกรุงเทพมหานคร พ.ศ. 2548
 2. ประกาศกระทรวงมหาดไทย เรื่อง การกำหนดวิธีวัดเสียงการรบกวนและระดับเสียงที่อาคารประเภทที่พักอาศัยในกรุงเทพมหานคร พ.ศ. 2553
 3. ประกาศกระทรวงมหาดไทย เรื่อง การกำหนดวิธีวัดเสียงการรบกวนและระดับเสียงที่อาคารประเภทที่พักอาศัยในกรุงเทพมหานคร พ.ศ. 2561
- ระดับเสียงจากแหล่งกำเนิด : พิกัดอาคารวัด ณ 28-29 พฤศจิกายน 2565
ระดับเสียงที่ฐานและระดับเสียงรบกวนไม่มีการรบกวน (Sample No. 22133750-4) ณ พิกัดอาคารวัด 28-29 พฤศจิกายน 2565)

Approved by

Wibb.
Wibwan Borik
Assistant Manager

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Analysis / Test Report

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P/O : สัญญาจ้าง
Project Name : Project AIE Rayong
Project Location : Project AIE Rayong

Lot ID: 22133617
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report Number : 2518868-1

Page 2 of 3

Sample No. : 22133617-4
Parameter : เสียงรบกวน
Location : N1 (ใกล้ประตูหน้าทางเข้า) (GPS 47P 0726474,1407389)
Measurement Date : Nov 29 - 30, 2022
Measurement by : Santi Chaichana
Sound Level Meter : 00572561

เวลา	เสียงจากแหล่งกำเนิด	เสียงรบกวน ไม่มีการรบกวน	ผลต่าง ระดับเสียง	ตัวปรับค่า	ปรับค่าเสียงจากแหล่งกำเนิด		เสียงที่ฐาน	ค่าระดับ การรบกวน
					กลางคืน	กลางวัน		
12:25 AM - 12:30 AM	49.0	43.6	5.4	1.5	-	50.5	41.6	9.3
12:30 AM - 12:35 AM	48.3	45.3	3.0	3.0	-	48.3	41.4	6.9
12:35 AM - 12:40 AM	46.9	43.9	3.0	3.0	-	46.9	41.4	5.5
12:40 AM - 12:45 AM	48.7	47.2	1.5	4.5	-	47.2	41.2	6.0
12:45 AM - 12:50 AM	50.2	50.0	0.2	7.0	-	46.2	41.0	5.2
12:50 AM - 12:55 AM	48.6	43.9	4.7	1.5	-	50.1	41.5	8.6
12:55 AM - 01:00 AM	46.8	44.9	1.9	4.5	-	45.3	41.7	3.6
01:00 AM - 01:05 AM	48.1	45.8	2.3	4.5	-	46.6	41.6	5.0
01:05 AM - 01:10 AM	49.5	43.0	6.5	1.0	-	51.5	41.2	10.3
01:10 AM - 01:15 AM	48.2	45.4	2.8	3.0	-	48.2	40.9	7.3
01:15 AM - 01:20 AM	47.1	44.3	2.8	3.0	-	47.1	41.2	5.9
01:20 AM - 01:25 AM	48.4	44.2	4.2	2.0	-	49.4	41.0	7.4
01:25 AM - 01:30 AM	49.5	44.9	4.6	1.5	-	51.0	40.7	8.3
01:30 AM - 01:35 AM	47.4	43.5	3.9	2.0	-	48.4	40.7	6.7
01:35 AM - 01:40 AM	48.9	44.3	4.6	1.5	-	50.4	40.2	8.2
01:40 AM - 01:45 AM	46.5	44.7	1.8	4.5	-	45.0	40.0	3.0
01:45 AM - 01:50 AM	48.2	43.0	5.2	1.5	-	49.7	41.9	7.8
01:50 AM - 01:55 AM	46.5	43.5	3.0	3.0	-	46.5	41.9	4.6
01:55 AM - 02:00 AM	49.1	43.3	5.8	1.5	-	50.6	41.2	9.4
02:00 AM - 02:05 AM	49.0	41.9	7.1	3.0	-	51.0	40.6	10.4
02:05 AM - 02:10 AM	48.2	42.5	5.7	7.0	-	48.5	39.9	8.6
02:10 AM - 02:15 AM	46.2	44.6	1.6	4.5	-	44.7	40.0	4.7
02:15 AM - 02:20 AM	56.4	42.2	14.2	0.0	-	59.4	40.2	19.2
02:20 AM - 02:25 AM	46.5	41.3	5.2	1.5	-	48.0	40.0	7.4
02:25 AM - 02:30 AM	46.6	45.0	1.6	4.5	-	45.1	41.6	3.5
02:30 AM - 02:35 AM	42.5	43.0	-0.5	7.0	-	38.5	41.2	-2.7
02:35 AM - 02:40 AM	44.1	42.4	1.7	4.5	-	42.6	41.4	1.2
02:40 AM - 02:45 AM	42.6	43.9	-1.3	7.0	-	38.6	42.4	-3.8
02:45 AM - 02:50 AM	42.7	42.1	0.6	7.0	-	45.2	40.9	4.3
02:50 AM - 02:55 AM	42.6	41.8	0.8	7.0	-	38.6	40.8	-2.2
02:55 AM - 03:00 AM	44.2	43.5	0.7	7.0	-	40.2	41.7	-1.5
03:00 AM - 03:05 AM	46.2	43.0	3.2	3.0	-	46.2	42.1	4.1
03:05 AM - 03:10 AM	44.1	43.4	0.7	7.0	-	40.1	41.3	-1.2
03:10 AM - 03:15 AM	46.1	43.6	2.5	3.0	-	46.1	41.4	4.7
03:15 AM - 03:20 AM	47.6	41.9	5.7	1.5	-	49.1	40.7	8.4
03:20 AM - 03:25 AM	42.9	43.4	-0.5	7.0	-	38.9	41.2	-2.3
03:25 AM - 03:30 AM	42.2	43.6	-1.4	7.0	-	44.2	41.0	3.2
03:30 AM - 03:35 AM	44.7	41.6	3.1	3.0	-	44.7	40.2	4.5
03:35 AM - 03:40 AM	50.9	46.3	4.6	1.5	-	52.4	39.8	12.6
03:40 AM - 03:45 AM	43.4	47.9	-4.5	7.0	-	39.4	39.9	-0.5

Approved by

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Wibwan Borik
Assistant Manager

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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (S103) 3 Asia Sermji Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O : สัญญาจ้าง
Project Name : Project AIE Rayong
Project Location : Project AIE Rayong

Lot ID: 22133617
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report Number : 2518868-1

Page 1 of 3

Sample No. : 22133617-4
Parameter : เสียงรบกวน
Location : N1 (ใกล้ประตูหน้าทางเข้า) (GPS 47P 0726474,1407389)
Measurement Date : Nov 29 - 30, 2022
Measurement by : Santi Chaichana
Sound Level Meter : 00572561

เวลา	เสียงจากแหล่งกำเนิด	เสียงรบกวน ไม่มีการรบกวน	ผลต่าง ระดับเสียง	ตัวปรับค่า	ปรับค่าเสียงจากแหล่งกำเนิด		เสียงที่ฐาน	ค่าระดับ การรบกวน
					กลางคืน	กลางวัน		
11:00 AM - 12:00 PM	53.0	51.3	1.7	4.5	-	48.5	-	1.6
12:00 PM - 01:00 PM	53.8	49.7	4.1	2.0	-	51.8	-	6.5
01:00 PM - 02:00 PM	52.9	52.2	0.7	7.0	-	45.9	-	1.2
02:00 PM - 03:00 PM	56.3	54.1	2.2	4.5	-	51.8	-	0.4
03:00 PM - 04:00 PM	53.5	54.5	-1.0	7.0	-	46.5	-	-4.8
04:00 PM - 05:00 PM	55.4	52.7	2.7	3.0	-	52.4	-	4.7
05:00 PM - 06:00 PM	62.2	53.8	8.4	0.5	-	61.7	-	13.1
06:00 PM - 07:00 PM	56.1	51.5	4.6	1.5	-	54.6	-	7.8
07:00 PM - 08:00 PM	56.2	51.3	4.9	1.5	-	54.7	-	9.1
08:00 PM - 09:00 PM	54.2	49.5	4.7	1.5	-	52.7	-	7.0
09:00 PM - 10:00 PM	53.0	47.6	5.4	1.5	-	51.5	-	8.6
10:00 PM - 10:05 PM	52.0	50.2	1.8	4.5	-	50.5	-	6.6
10:05 PM - 10:10 PM	53.6	49.6	4.0	2.0	-	54.6	-	11.0
10:10 PM - 10:15 PM	51.9	48.6	3.3	1.5	-	51.9	-	11.6
10:15 PM - 10:20 PM	51.2	51.6	-0.4	7.0	-	47.2	-	4.6
10:20 PM - 10:25 PM	52.8	46.0	6.8	1.0	-	54.8	-	12.7
10:25 PM - 10:30 PM	50.4	45.9	4.5	1.5	-	51.9	-	9.3
10:30 PM - 10:35 PM	51.8	45.0	6.8	1.5	-	53.3	-	11.6
10:35 PM - 10:40 PM	49.8	44.0	5.8	1.5	-	51.3	-	10.3
10:40 PM - 10:45 PM	49.0	45.9	3.1	3.0	-	49.0	-	7.9
10:45 PM - 10:50 PM	52.0	44.8	7.2	1.0	-	54.0	-	12.2
10:50 PM - 10:55 PM	51.2	48.2	3.0	1.5	-	52.7	-	12.1
10:55 PM - 11:00 PM	51.8	52.5	-0.7	7.0	-	47.8	-	5.1
11:00 PM - 11:05 PM	50.2	47.3	2.9	3.0	-	50.2	-	7.5
11:05 PM - 11:10 PM	50.3	44.6	5.7	1.5	-	51.8	-	9.8
11:10 PM - 11:15 PM	48.4	49.9	-1.5	7.0	-	46.4	-	1.5
11:15 PM - 11:20 PM	48.9	46.6	2.3	4.5	-	47.4	-	6.0
11:20 PM - 11:25 PM	47.8	47.5	0.3	7.0	-	43.8	-	4.1
11:25 PM - 11:30 PM	48.2	47.1	1.1	7.0	-	44.2	-	4.7
11:30 PM - 11:35 PM	52.1	46.8	5.3	1.0	-	54.1	-	11.3
11:35 PM - 11:40 PM	53.1	45.7	7.4	1.0	-	55.1	-	12.5
11:40 PM - 11:45 PM	48.0	46.6	1.4	7.0	-	44.0	-	4.8
11:45 PM - 11:50 PM	53.4	46.3	7.1	1.0	-	55.4	-	14.5
11:50 PM - 11:55 PM	50.4	43.9	6.5	1.0	-	50.4	-	10.9
11:55 PM - 12:00 AM	46.6	43.3	3.3	3.0	-	46.6	-	6.0



Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Sliom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O : วิศวกร
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22133617
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report Number : 2518869-1

Sample No. : 22133617-5
Parameter : เสียงรบกวน
Location : N1 (ห้องประชุมชั้น 7) (GPS 47P 0726474,1407389)
Measurement Date : Nov 30 - 01, 2022
Measurement by : Santi Chaichana
Sound Level Meter : 00572561

เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	ผลต่างระดับเสียง	ค่าปรับค่า	ปรับค่าเสียงจากแหล่งกำเนิด		เสียงที่ฐาน	ค่าระดับการรบกวน
					กลางวัน	กลางคืน		
11:00 AM - 12:00 PM	53.7	49.2	4.5	1.5	52.2	-	42.4	9.8
12:00 PM - 01:00 PM	53.5	51.0	2.5	3.0	50.5	-	42.6	7.9
01:00 PM - 02:00 PM	52.8	53.3	-0.5	7.0	45.8	-	42.7	3.1
02:00 PM - 03:00 PM	52.4	56.8	-4.4	7.0	45.8	-	51.2	-5.8
03:00 PM - 04:00 PM	53.9	52.2	1.7	4.5	49.4	-	47.5	1.9
04:00 PM - 05:00 PM	56.4	52.5	3.9	2.0	54.4	-	48.4	6.0
05:00 PM - 06:00 PM	56.9	54.8	2.1	4.5	52.4	-	51.1	1.3
06:00 PM - 07:00 PM	55.8	51.7	4.1	2.0	53.8	-	48.0	5.8
07:00 PM - 08:00 PM	56.0	50.8	5.2	1.5	54.5	-	47.5	7.0
08:00 PM - 09:00 PM	54.4	52.5	1.9	4.5	49.9	-	48.0	1.9
09:00 PM - 10:00 PM	52.7	50.6	2.1	4.5	48.2	-	44.8	3.4
10:00 PM - 10:05 PM	51.2	46.5	4.7	1.5	-	52.7	44.0	8.7
10:05 PM - 10:10 PM	51.6	47.8	3.8	2.0	-	52.6	43.9	8.7
10:10 PM - 10:15 PM	50.8	46.7	3.3	2.0	-	50.0	44.3	5.7
10:15 PM - 10:20 PM	51.3	48.1	3.2	3.0	-	51.3	44.3	7.0
10:20 PM - 10:25 PM	51.2	47.8	3.4	3.0	-	51.2	43.8	7.4
10:25 PM - 10:30 PM	52.2	51.8	0.4	7.0	-	48.2	43.8	4.4
10:30 PM - 10:35 PM	51.2	47.6	3.6	2.0	-	52.2	43.2	9.0
10:35 PM - 10:40 PM	50.9	47.0	3.9	2.0	-	51.9	42.5	8.4
10:40 PM - 10:45 PM	51.2	49.7	1.5	4.5	-	49.7	43.9	5.8
10:45 PM - 10:50 PM	49.5	54.5	-5.0	7.0	-	45.5	44.1	1.4
10:50 PM - 10:55 PM	51.7	50.8	0.9	7.0	-	47.7	43.2	4.5
10:55 PM - 11:00 PM	49.4	49.5	-0.1	7.0	-	45.4	43.4	2.0
11:00 PM - 11:05 PM	49.1	47.3	1.8	4.5	-	47.6	43.5	4.1
11:05 PM - 11:10 PM	50.8	45.1	5.7	1.5	-	52.3	43.1	9.2
11:10 PM - 11:15 PM	50.1	47.7	2.4	4.5	-	48.6	43.5	5.1
11:15 PM - 11:20 PM	53.7	45.4	8.3	0.5	-	56.2	43.4	12.8
11:20 PM - 11:25 PM	53.9	45.5	8.4	0.5	-	56.4	43.7	12.7
11:25 PM - 11:30 PM	50.7	45.7	5.0	1.5	-	52.2	43.7	8.5
11:30 PM - 11:35 PM	48.8	45.9	2.9	3.0	-	48.8	43.7	5.1
11:35 PM - 11:40 PM	48.8	45.9	2.9	3.0	-	48.8	44.2	4.6
11:40 PM - 11:45 PM	52.1	46.4	5.7	1.5	-	53.6	43.7	9.9
11:45 PM - 11:50 PM	48.8	48.9	-0.1	7.0	-	44.8	43.8	1.0
11:50 PM - 11:55 PM	49.0	45.9	3.1	7.0	-	49.0	43.0	6.0
11:55 PM - 12:00 AM	47.3	52.9	-5.6	7.0	-	43.3	43.3	0.0
12:00 AM - 12:05 AM	52.4	44.7	7.7	0.5	-	54.9	43.2	11.7
12:05 AM - 12:10 AM	49.7	45.0	4.7	1.5	-	51.2	43.0	8.2
12:10 AM - 12:15 AM	47.0	44.4	2.6	7.0	-	47.0	43.0	4.0
12:15 AM - 12:20 AM	46.8	45.7	1.1	7.0	-	42.8	44.1	-1.3
12:20 AM - 12:25 AM	48.4	45.5	2.9	3.0	-	48.4	44.1	4.3

Page 1 of 3

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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Sliom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O : วิศวกร
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22133617
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report Number : 2518869-1

Sample No. : 22133617-5
Parameter : เสียงรบกวน
Location : N1 (ห้องประชุมชั้น 7) (GPS 47P 0726474,1407389)
Measurement Date : Nov 30 - 01, 2022
Measurement by : Santi Chaichana
Sound Level Meter : 00572561

เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	ผลต่างระดับเสียง	ค่าปรับค่า	ปรับค่าเสียงจากแหล่งกำเนิด		เสียงที่ฐาน	ค่าระดับการรบกวน
					กลางวัน	กลางคืน		
03:45 AM - 03:50 AM	46.4	46.2	0.2	7.0	-	42.4	45.8	-3.4
03:50 AM - 03:55 AM	46.1	47.2	-0.9	7.0	-	44.1	45.9	-1.8
03:55 AM - 04:00 AM	50.9	46.0	4.9	1.5	-	52.4	45.7	6.7
04:00 AM - 04:05 AM	49.6	46.1	3.5	3.0	-	48.6	45.5	3.1
04:05 AM - 04:10 AM	46.6	46.2	0.4	7.0	-	42.6	45.1	-2.5
04:10 AM - 04:15 AM	47.3	47.3	0.0	7.0	-	43.3	46.1	-2.8
04:15 AM - 04:20 AM	46.6	51.8	-5.2	7.0	-	44.6	45.8	-1.2
04:20 AM - 04:25 AM	45.5	45.0	0.5	7.0	-	43.5	46.2	-2.7
04:25 AM - 04:30 AM	47.9	47.6	0.3	7.0	-	43.9	46.2	-2.3
04:30 AM - 04:35 AM	50.0	48.6	1.4	3.0	-	50.0	46.0	4.0
04:35 AM - 04:40 AM	47.6	47.2	0.4	7.0	-	43.6	46.2	-2.6
04:40 AM - 04:45 AM	49.3	47.4	1.9	4.5	-	47.8	46.0	1.8
04:45 AM - 04:50 AM	52.7	47.5	5.2	1.5	-	54.2	45.8	8.4
04:50 AM - 04:55 AM	49.9	47.5	2.4	4.5	-	48.4	45.8	2.6
04:55 AM - 05:00 AM	50.0	46.5	3.5	2.0	-	51.0	45.7	5.3
05:00 AM - 05:05 AM	50.3	46.7	3.6	2.0	-	51.3	43.8	7.5
05:05 AM - 05:10 AM	50.3	46.0	4.3	2.0	-	51.3	43.6	7.7
05:10 AM - 05:15 AM	52.5	46.1	6.4	1.5	-	54.0	43.4	10.6
05:15 AM - 05:20 AM	51.7	46.0	5.7	1.5	-	53.2	43.6	9.6
05:20 AM - 05:25 AM	51.3	47.0	4.3	2.0	-	52.3	43.3	9.0
05:25 AM - 05:30 AM	56.4	46.6	9.8	0.5	-	58.9	43.4	15.5
05:30 AM - 05:35 AM	51.1	48.9	2.2	2.0	-	54.1	44.2	9.9
05:35 AM - 05:40 AM	53.4	48.9	4.5	1.5	-	54.9	44.1	10.8
05:40 AM - 05:45 AM	52.5	51.3	1.2	7.0	-	48.5	46.1	2.4
05:45 AM - 05:50 AM	54.5	53.7	0.8	7.0	-	50.5	46.9	3.6
05:50 AM - 05:55 AM	54.3	56.6	-2.3	7.0	-	50.3	45.8	4.5
05:55 AM - 06:00 AM	58.5	55.0	3.5	2.0	-	59.5	46.4	13.1
06:00 AM - 07:00 AM	56.5	55.1	1.4	7.0	-	56.3	46.3	10.0
07:00 AM - 08:00 AM	57.1	53.9	3.2	3.0	-	48.8	53.3	-4.5
08:00 AM - 09:00 AM	54.5	51.5	3.0	3.0	-	47.7	51.5	-3.8
09:00 AM - 10:00 AM	53.2	48.6	4.6	1.5	-	51.7	42.6	9.1
10:00 AM - 11:00 AM	54.2	49.6	4.6	1.5	-	52.7	43.7	9.0

Reference Method : Based on ISO 1996-1 and ISO 1996-2

หมายเหตุ

1. ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกินจากประกาศฉบับที่ 3 พ.ศ. 2548
 2. ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกินจากประกาศฉบับที่ 3 พ.ศ. 2553
 3. ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกินจากประกาศฉบับที่ 3 พ.ศ. 2561
- ระดับเสียงรบกวนเฉลี่ยตามวิธีคำนวณ (Sample No. 22133617-5 ในวันที่ 30-01 ธันวาคม 2565)

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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Sliom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O : วิศวกร
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22133617
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report Number : 2518869-1

Sample No. : 22133617-5
Parameter : เสียงรบกวน
Location : N1 (ห้องประชุมชั้น 7) (GPS 47P 0726474,1407389)
Measurement Date : Nov 30 - 01, 2022
Measurement by : Santi Chaichana
Sound Level Meter : 00572561

ระดับเสียง (dB(A))								
เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	ผลต่างระดับเสียง	ค่าปรับค่า	ปรับค่าเสียงจากแหล่งกำเนิด	เสียงที่ฐาน	ค่าระดับการรบกวน	
12:25 AM - 12:30 AM	48.7	45.5	3.2	3.0	-	48.7	43.6	
12:30 AM - 12:35 AM	47.0	44.7	2.3	4.5	-	45.5	43.9	
12:35 AM - 12:40 AM	47.3	46.6	0.7	7.0	-	43.3	43.5	
12:40 AM - 12:45 AM	46.0	50.6	-4.6	7.0	-	42.0	43.0	
12:45 AM - 12:50 AM	44.1	44.0	0.1	7.0	-	40.1	42.5	
12:50 AM - 12:55 AM	44.6	43.7	0.9	7.0	-	40.6	42.7	
12:55 AM - 01:00 AM	44.7	43.6	1.1	7.0	-	40.7	42.7	
01:00 AM - 01:05 AM	52.0	49.4	2.6	3.0	-	52.0	43.4	
01:05 AM - 01:10 AM	45.0	45.2	-0.2	7.0	-	41.0	42.7	
01:10 AM - 01:15 AM	44.5	45.3	-0.8	7.0	-	40.5	42.7	
01:15 AM - 01:20 AM	44.3	44.0	0.3	7.0	-	40.3	42.8	
01:20 AM - 01:25 AM	44.8	45.2	-0.4	7.0	-	40.8	43.5	
01:25 AM - 01:30 AM	52.3	44.2	8.1	0.5	-	54.8	40.5	
01:30 AM - 01:35 AM	44.5	43.4	1.1	7.0	-	40.5	42.6	
01:35 AM - 01:40 AM	45.7	43.5	2.2	7.0	-	41.7	42.5	
01:40 AM - 01:45 AM	46.5	43.5	3.0	3.0	-	46.5	42.1	
01:45 AM - 01:50 AM	51.1	49.8	1.3	7.0	-	47.1	42.8	
01:50 AM - 01:55 AM	48.0	43.9	4.1	2.0	-	49.0	42.5	
01:55 AM - 02:00 AM	54.1	43.9	10.2	0.5	-	56.6	41.9	
02:00 AM - 02:05 AM	46.7	44.2	2.5	3.0	-	46.7	42.9	
02:05 AM - 02:10 AM	47.6	43.2	4.4	2.0	-	48.6	42.6	
02:10 AM - 02:15 AM	47.1	46.7	0.4	7.0	-	43.1	42.5	
02:15 AM - 02:20 AM	47.2	43.5	3.7	2.0	-	48.2	42.3	
02:20 AM - 02:25 AM	43.9	44.4	-0.5	7.0	-	39.9	42.5	
02:25 AM - 02:30 AM	46.6	45.1	1.5	4.5	-	45.1	42.9	
02:30 AM - 02:35 AM	45.7	43.8	1.9	4.5	-	44.2	42.4	
02:35 AM - 02:40 AM	53.7	51.9	1.8	7.0	-	53.7	42.4	
02:40 AM - 02:45 AM	46.3	45.9	0.4	7.0	-	42.3	42.4	
02:45 AM - 02:50 AM	48.7	46.4	2.3	4.5	-	47.2	42.7	
02:50 AM - 02:55 AM	46.9	45.9	1.0	7.0	-	42.9	42.5	
02:55 AM - 03:00 AM	48.1	48.1	0.0	7.0	-	44.1	42.3	
03:00 AM - 03:05 AM	46.0	46.0	0.0	7.0	-	42.0	42.4	
03:05 AM - 03:10 AM	46.5	53.8	-7.3	7.0	-	42.5	45.9	
03:10 AM - 03:15 AM	44.3	50.1	-5.8	7.0	-	40.3	45.5	
03:15 AM - 03:20 AM	47.5	46.4	1.1	7.0	-	43.3	45.7	
03:20 AM - 03:25 AM	46.4	45.8	0.6	7.0	-	42.3	45.6	
03:25 AM - 03:30 AM	45.3	50.5	-5.5	7.0	-	41.3	45.7	
03:30 AM - 03:35 AM	49.1	45.4	3.7	2.0	-	50.1	45.0	
03:35 AM - 03:40 AM	46.9	46.0	0.9	7.0	-	42.9	45.3	
03:40 AM - 03:45 AM	46.4	46.0	0.4	7.0	-	42.4	45.3	



Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silm 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O : สัญญาจ้าง
Project Name : Project AIE Rayong
Project Location :
Page 2 of 3

Lot ID: 22133617
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report Number : 2518870-1

Sample No. 22133617-6
Parameter เลื่อนฐาน
Location N1 (โรงโม่หินตอมังปาด) (GPS 47P 0726474, 1407389)
Measurement Date Dec 01 - 02, 2022
Measurement by Santi Chaichana
Sound Level Meter 00572561

เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	ผลต่างระดับเสียง	ตัวปรับค่า	ปรับค่าเสียงจากแหล่งกำเนิด		เสียงที่ฐาน	ค่าระดับการรบกวน
					กลางคืน	กลางวัน		
12:25 AM - 12:30 AM	50.0	43.4	6.6	1.0	-	52.0	41.6	10.4
12:30 AM - 12:35 AM	49.5	43.8	5.7	1.5	-	51.0	41.1	9.9
12:35 AM - 12:40 AM	50.1	44.5	5.6	1.5	-	51.6	41.1	10.5
12:40 AM - 12:45 AM	50.1	42.7	7.4	1.0	-	52.1	40.7	11.4
12:45 AM - 12:50 AM	49.7	43.0	6.7	1.0	-	51.7	41.4	10.3
12:50 AM - 12:55 AM	48.7	46.4	2.3	4.5	-	47.2	46.9	6.3
12:55 AM - 01:00 AM	48.5	45.0	3.5	2.0	-	49.5	41.1	8.4
01:00 AM - 01:05 AM	49.8	43.7	6.1	1.5	-	51.3	41.0	10.3
01:05 AM - 01:10 AM	50.1	42.1	8.0	0.5	-	52.6	40.5	12.1
01:10 AM - 01:15 AM	50.4	42.8	7.6	0.5	-	52.9	39.7	13.2
01:15 AM - 01:20 AM	47.4	41.8	5.6	1.5	-	48.9	39.7	9.2
01:20 AM - 01:25 AM	50.8	46.5	4.3	2.0	-	51.8	40.1	11.7
01:25 AM - 01:30 AM	47.5	42.9	4.6	1.5	-	49.0	40.7	8.3
01:30 AM - 01:35 AM	45.5	43.3	2.2	4.5	-	44.0	39.9	4.1
01:35 AM - 01:40 AM	47.6	43.4	4.2	2.0	-	48.6	39.6	9.0
01:40 AM - 01:45 AM	47.3	42.9	4.4	2.0	-	47.0	39.6	7.4
01:45 AM - 01:50 AM	43.8	46.1	-2.2	7.0	-	39.9	40.0	-0.1
01:50 AM - 01:55 AM	48.2	40.9	7.3	1.0	-	50.2	39.9	10.3
01:55 AM - 02:00 AM	54.7	44.4	10.3	0.5	-	57.2	40.1	17.1
02:00 AM - 02:05 AM	47.0	44.5	2.5	3.0	-	47.0	39.5	7.5
02:05 AM - 02:10 AM	48.5	47.2	0.7	7.0	-	42.5	39.7	2.8
02:10 AM - 02:15 AM	48.2	48.1	0.1	7.0	-	44.2	39.7	4.5
02:15 AM - 02:20 AM	50.0	41.6	8.4	0.5	-	52.5	39.6	12.9
02:20 AM - 02:25 AM	49.0	42.3	6.7	1.0	-	51.0	39.8	11.2
02:25 AM - 02:30 AM	45.6	42.9	2.7	3.0	-	45.6	40.2	5.4
02:30 AM - 02:35 AM	45.0	42.5	2.5	3.0	-	45.0	39.7	5.3
02:35 AM - 02:40 AM	49.6	40.8	8.8	0.5	-	52.1	39.5	12.6
02:40 AM - 02:45 AM	46.2	41.0	5.2	2.0	-	47.7	39.6	8.1
02:45 AM - 02:50 AM	46.1	42.8	3.3	2.0	-	47.3	40.1	7.2
02:50 AM - 02:55 AM	47.0	42.9	4.1	2.0	-	48.0	41.2	6.8
02:55 AM - 03:00 AM	44.4	42.8	1.6	4.5	-	42.9	40.7	2.2
03:00 AM - 03:05 AM	47.1	42.1	5.0	1.5	-	48.6	40.1	8.5
03:05 AM - 03:10 AM	47.1	41.0	6.1	1.5	-	48.8	39.3	9.5
03:10 AM - 03:15 AM	46.1	42.3	3.8	2.0	-	47.1	39.5	7.6
03:15 AM - 03:20 AM	48.1	44.1	4.0	2.0	-	49.1	39.5	9.6
03:20 AM - 03:25 AM	51.1	42.9	8.2	0.5	-	51.6	39.4	14.2
03:25 AM - 03:30 AM	47.0	50.0	-3.0	7.0	-	43.0	40.2	2.8
03:30 AM - 03:35 AM	48.1	49.0	-0.9	7.0	-	44.1	39.3	4.8
03:35 AM - 03:40 AM	47.0	48.7	-1.7	7.0	-	43.0	39.3	3.7
03:40 AM - 03:45 AM	48.1	48.8	-0.7	7.0	-	44.1	39.5	4.6

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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silm 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O : สัญญาจ้าง
Project Name : Project AIE Rayong
Project Location :
Page 2 of 3

Lot ID: 22133617
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report Number : 2518870-1

Sample No. 22133617-6
Parameter เลื่อนฐาน
Location N1 (โรงโม่หินตอมังปาด) (GPS 47P 0726474, 1407389)
Measurement Date Dec 01 - 02, 2022
Measurement by Santi Chaichana
Sound Level Meter 00572561

เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	ผลต่างระดับเสียง	ตัวปรับค่า	ปรับค่าเสียงจากแหล่งกำเนิด		เสียงที่ฐาน	ค่าระดับการรบกวน
					กลางคืน	กลางวัน		
03:45 AM - 03:50 AM	47.1	47.3	-0.2	7.0	-	47.1	39.5	3.6
03:50 AM - 03:55 AM	47.1	49.0	-1.9	7.0	-	43.1	40.3	2.8
03:55 AM - 04:00 AM	55.1	47.2	7.9	0.5	-	57.6	41.4	16.2
04:00 AM - 04:05 AM	51.6	44.1	7.5	1.0	-	53.6	41.1	12.5
04:05 AM - 04:10 AM	45.7	45.0	0.7	7.0	-	41.7	41.1	0.6
04:10 AM - 04:15 AM	49.9	48.9	1.0	7.0	-	45.9	40.9	5.0
04:15 AM - 04:20 AM	47.9	49.8	-1.9	7.0	-	43.9	41.2	2.7
04:20 AM - 04:25 AM	49.0	45.1	3.9	7.0	-	49.0	41.3	7.7
04:25 AM - 04:30 AM	48.3	53.7	-5.4	7.0	-	44.3	42.1	2.2
04:30 AM - 04:35 AM	49.3	53.8	-4.5	7.0	-	45.3	43.6	1.7
04:35 AM - 04:40 AM	52.4	51.8	0.6	7.0	-	48.4	44.6	4.4
04:40 AM - 04:45 AM	51.8	50.1	1.7	4.5	-	50.3	43.0	7.3
04:45 AM - 04:50 AM	50.0	49.1	0.9	7.0	-	46.0	42.6	3.4
04:50 AM - 04:55 AM	50.2	58.1	-7.9	7.0	-	46.2	44.9	1.3
04:55 AM - 05:00 AM	51.5	60.6	-9.1	7.0	-	47.5	44.5	3.0
05:00 AM - 05:05 AM	52.1	59.7	-7.6	7.0	-	48.1	41.1	4.0
05:05 AM - 05:10 AM	50.8	60.6	-9.8	7.0	-	46.8	45.0	1.8
05:10 AM - 05:15 AM	51.5	60.1	-8.6	7.0	-	47.5	47.5	0.0
05:15 AM - 05:20 AM	52.6	58.0	-5.4	7.0	-	48.6	45.9	4.7
05:20 AM - 05:25 AM	53.8	52.2	1.6	4.5	-	52.3	48.2	4.1
05:25 AM - 05:30 AM	55.1	51.9	3.2	3.0	-	55.1	45.4	9.7
05:30 AM - 05:35 AM	52.1	51.7	0.4	7.0	-	48.1	45.6	2.5
05:35 AM - 05:40 AM	53.8	50.5	3.3	3.0	-	53.8	41.3	10.5
05:40 AM - 05:45 AM	56.3	56.3	0.0	7.0	-	59.2	47.4	11.8
05:45 AM - 05:50 AM	54.4	54.8	-0.4	7.0	-	50.4	46.8	3.6
05:50 AM - 05:55 AM	56.1	53.3	2.8	3.0	-	56.1	45.5	10.6
05:55 AM - 06:00 AM	57.3	53.9	3.4	3.0	-	57.3	46.1	11.2
06:00 AM - 07:00 AM	59.1	52.1	7.0	1.0	58.1	-	45.2	12.9
07:00 AM - 08:00 AM	60.7	52.0	8.7	0.5	60.2	-	47.9	12.3
08:00 AM - 09:00 AM	57.8	53.3	4.5	1.5	56.3	-	49.7	6.6
09:00 AM - 10:00 AM	55.9	52.2	3.7	2.0	53.9	-	48.0	5.7
10:00 AM - 11:00 AM	54.4	52.1	2.3	4.5	49.9	-	47.7	2.2

Reference Method : Based on ISO 1996-1 and ISO 1996-2

หมายเหตุ

- ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่สังเกตการประกอบกิจการโรงงาน พ.ศ. 2568
- ประกาศกระทรวงอุตสาหกรรม เรื่อง โยธาธิการและสิ่งแวดล้อม พ.ศ. 2561 และประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่สังเกตการประกอบกิจการโรงงาน พ.ศ. 2563
- ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานเสียงที่อนุญาตให้ประชาชนได้รับจากกิจกรรมการประกอบกิจการในชุมชน พ.ศ. 2561

ระดับเสียงที่ฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No.2213370-6 วันที่ตรวจ 01-02 ธันวาคม 2565)

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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silm 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O : สัญญาจ้าง
Project Name : Project AIE Rayong
Project Location :
Page 1 of 3

Lot ID: 22133617
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report Number : 2518871-1

Sample No. 22133617-7
Parameter เลื่อนฐาน
Location N1 (โรงโม่หินตอมังปาด) (GPS 47P 0726474, 1407389)
Measurement Date Dec 02 - 03, 2022
Measurement by Santi Chaichana
Sound Level Meter 00572561

เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	ผลต่างระดับเสียง	ตัวปรับค่า	ปรับค่าเสียงจากแหล่งกำเนิด		เสียงที่ฐาน	ค่าระดับการรบกวน
					กลางคืน	กลางวัน		
11:00 AM - 12:00 PM	54.6	51.0	3.6	2.0	52.6	-	46.6	8.0
12:00 PM - 01:00 PM	54.3	49.4	4.9	1.5	52.8	-	43.0	9.8
01:00 PM - 02:00 PM	52.0	51.9	0.1	7.0	45.0	-	44.4	0.6
02:00 PM - 03:00 PM	55.6	53.8	1.8	4.5	51.1	-	51.1	0.0
03:00 PM - 04:00 PM	53.2	54.2	-1.0	7.0	46.2	-	51.0	-4.8
04:00 PM - 05:00 PM	54.9	52.4	2.5	3.0	51.9	-	47.4	4.5
05:00 PM - 06:00 PM	56.4	53.5	2.9	3.0	53.4	-	48.3	5.1
06:00 PM - 07:00 PM	55.9	51.2	4.7	1.5	54.4	-	46.5	7.9
07:00 PM - 08:00 PM	54.3	51.0	3.3	3.0	51.3	-	45.3	6.0
08:00 PM - 09:00 PM	54.3	49.2	5.1	1.5	52.8	-	45.4	7.4
09:00 PM - 10:00 PM	52.7	47.3	5.4	1.5	51.2	-	42.6	8.6
10:00 PM - 10:05 PM	52.3	49.9	2.4	4.5	-	50.8	43.6	7.2
10:05 PM - 10:10 PM	50.7	49.3	1.4	7.0	-	46.7	43.3	3.4
10:10 PM - 10:15 PM	55.3	46.3	9.0	0.5	-	57.8	41.5	16.3
10:15 PM - 10:20 PM	50.0	51.3	-1.3	7.0	-	46.0	42.3	3.7
10:20 PM - 10:25 PM	52.0	45.7	6.3	1.5	-	53.5	41.8	11.7
10:25 PM - 10:30 PM	52.2	45.6	6.6	1.0	-	54.2	42.3	11.9
10:30 PM - 10:35 PM	52.4	45.6	6.8	1.0	-	54.4	41.4	13.0
10:35 PM - 10:40 PM	53.1	43.7	9.4	0.5	-	55.6	40.7	14.9
10:40 PM - 10:45 PM	49.9	45.6	4.3	2.0	-	50.9	40.8	10.1
10:45 PM - 10:50 PM	51.5	44.5	7.0	1.0	-	53.5	41.5	12.0
10:50 PM - 10:55 PM	55.8	45.9	9.9	0.5	-	58.3	42.1	16.2
10:55 PM - 11:00 PM	57.4	52.2	5.2	1.5	-	58.9	42.7	14.9
11:00 PM - 11:05 PM	51.4	47.0	4.4	2.0	-	52.4	42.4	10.0
11:05 PM - 11:10 PM	53.1	44.3	8.8	0.5	-	55.6	41.7	13.9
11:10 PM - 11:15 PM	53.9	49.6	4.3	2.0	-	54.9	42.6	12.3
11:15 PM - 11:20 PM	53.3	46.3	7.0	1.0	-	55.3	41.1	14.2
11:20 PM - 11:25 PM	51.6	47.2	4.4	2.0	-	52.6	41.8	10.8
11:25 PM - 11:30 PM	56.2	46.8	9.4	0.5	-	58.7	42.4	16.3
11:30 PM - 11:35 PM	54.1	44.5	9.6	0.5	-	56.6	42.1	14.5
11:35 PM - 11:40 PM	56.6	45.4	11.2	0.5	-	59.1	42.1	16.8
11:40 PM - 11:45 PM	56.5	46.3	10.2	0.5	-	59.0	41.5	17.5
11:45 PM - 11:50 PM	50.6	46.0	4.6	1.5	-	52.1	40.6	11.5
11:50 PM - 11:55 PM	57.0	43.6	13.4	0.0	-	60.1	40.6	19.4
11:55 PM - 12:00 AM	52.8	43.0	9.8	0.0	-	55.3	40.3	13.0
12:00 AM - 12:05 AM	50.6	44.0	6.6	1.0	-	52.6	40.3	12.3
12:05 AM - 12:10 AM	53.8	42.7	11.1	0.5	-	56.3	40.3	16.0
12:10 AM - 12:15 AM	52.7	44.8	7.9	0.5	-	55.2	40.6	14.6
12:15 AM - 12:20 AM	53.5	41.9	11.6	0.5	-	56.0	40.5	15.5
12:20 AM - 12:25 AM	52.0	48.0	8.0	0.5	-	54.3	40.6	13.9



Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
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Thailand 10500
P/O : ภัยพิบัติ
Project Name : Project AIE Rayong
Project Location : Sant Chai Chana 0072561

Lot ID: 22133617
Date Received: Dec 06, 2022
Date Reported: Dec 15, 2022
Report Number: 2518872-1

Sample No. 22133617-7
Parameter เลื่อนรบกวน
Location N1 (หน้าบ้านบ้านวัด) (GPS 47P 0726474, 1407389)
Measurement Date Dec 02 - 03, 2022
Measurement by Sound Level Meter 00572561

เวลา	เสียงจากแหล่งกำเนิด	เสียงรบกวนไม่มีการรบกวน	ผลต่างระดับเสียง	ตัวแปรค่า	ปรับค่าเสียงจากแหล่งกำเนิด		เสียงที่ปรากฏ	ค่าระดับการรบกวน
					กลางคืน	กลางวัน		
03:45 AM - 03:50 AM	45.9	41.5	4.4	2.0	-	46.9	39.3	7.6
03:50 AM - 03:55 AM	45.4	42.8	2.5	3.0	-	45.4	39.2	6.2
03:55 AM - 04:00 AM	47.4	41.3	6.1	1.5	-	46.9	39.8	9.1
04:00 AM - 04:05 AM	47.2	41.4	5.8	1.5	-	46.7	39.6	9.1
04:05 AM - 04:10 AM	47.1	49.7	-2.6	7.0	-	43.1	39.6	3.5
04:10 AM - 04:15 AM	47.2	44.8	2.3	4.5	-	45.7	39.2	6.5
04:15 AM - 04:20 AM	47.8	40.9	6.9	1.0	-	49.8	39.1	10.7
04:20 AM - 04:25 AM	50.1	48.6	1.5	4.5	-	48.6	40.3	8.3
04:25 AM - 04:30 AM	46.1	41.6	4.5	1.5	-	47.6	39.4	8.2
04:30 AM - 04:35 AM	46.6	42.8	1.7	4.5	-	43.1	39.1	4.0
04:35 AM - 04:40 AM	47.1	43.5	3.6	2.0	-	48.1	41.3	6.8
04:40 AM - 04:45 AM	48.6	45.7	2.9	3.0	-	48.6	40.9	7.7
04:45 AM - 04:50 AM	56.0	44.7	11.3	0.5	-	58.5	40.8	17.7
04:50 AM - 04:55 AM	51.7	42.7	8.0	0.5	-	54.2	40.4	13.8
04:55 AM - 05:00 AM	51.4	42.7	8.7	0.5	-	53.9	39.9	14.0
05:00 AM - 05:05 AM	47.9	43.7	4.2	2.0	-	48.9	40.1	8.8
05:05 AM - 05:10 AM	49.9	45.5	4.4	2.0	-	50.9	40.4	10.5
05:10 AM - 05:15 AM	49.3	46.1	3.2	3.0	-	49.3	41.0	8.3
05:15 AM - 05:20 AM	48.8	48.1	0.7	7.0	-	44.8	41.6	3.2
05:20 AM - 05:25 AM	50.1	48.4	1.7	4.5	-	48.6	41.6	7.0
05:25 AM - 05:30 AM	51.6	45.5	6.1	1.5	-	53.1	41.5	11.6
05:30 AM - 05:35 AM	51.6	48.1	3.5	1.5	-	55.1	42.5	12.6
05:35 AM - 05:40 AM	50.5	47.6	2.9	3.0	-	50.5	42.1	8.4
05:40 AM - 05:45 AM	52.8	49.5	3.3	3.0	-	52.8	42.4	10.4
05:45 AM - 05:50 AM	55.0	54.2	0.8	7.0	-	51.0	43.5	7.5
05:50 AM - 05:55 AM	55.5	52.8	2.7	2.0	-	56.5	42.5	14.0
05:55 AM - 06:00 AM	54.2	50.9	3.3	3.0	-	54.2	43.6	10.6
06:00 AM - 06:05 AM	55.0	53.4	1.6	4.5	50.5	-	47.9	2.6
06:05 AM - 06:10 AM	56.9	55.3	1.6	4.5	52.4	-	46.7	3.7
06:10 AM - 06:15 AM	51.3	49.8	1.5	1.5	51.8	-	46.6	4.2
06:15 AM - 06:20 AM	55.9	48.1	7.8	0.5	55.4	-	43.0	12.4
06:20 AM - 06:25 AM	53.3	50.6	2.7	3.0	50.3	-	42.4	7.9
06:25 AM - 06:30 AM	-	-	-	-	-	-	-	5.10

Reference Method : Based on ISO 1996-1 and ISO 1996-2

หมายเหตุ

1. ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่ส่งผลกระทบต่อสุขภาพ พ.ศ. 2548
2. ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่ส่งผลกระทบต่อสุขภาพ พ.ศ. 2553
3. ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่ส่งผลกระทบต่อสุขภาพ พ.ศ. 2561

ระดับเสียงรบกวนและระดับเสียงรบกวนไม่มีการรบกวน (Sample No.22133750-7 วันอังคารที่ 02-03 ธันวาคม 2565)

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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O : ภัยพิบัติ
Project Name : Project AIE Rayong
Project Location : Sant Chai Chana 0072561

Lot ID: 22133617
Date Received: Dec 06, 2022
Date Reported: Dec 15, 2022
Report Number: 2518872-1

Sample No. 22133617-8
Parameter เลื่อนรบกวน
Location N2 (หน้าบ้านบ้านวัด) (GPS 47P 0726181, 1406270)
Measurement Date Nov 26 - 27, 2022
Measurement by Sound Level Meter 00734218

เวลา	เสียงจากแหล่งกำเนิด	เสียงรบกวนไม่มีการรบกวน	ผลต่างระดับเสียง	ตัวแปรค่า	ปรับค่าเสียงจากแหล่งกำเนิด		เสียงที่ปรากฏ	ค่าระดับการรบกวน
					กลางคืน	กลางวัน		
12:25 AM - 12:30 AM	49.2	47.2	2.0	7.0	-	57.4	41.4	16.0
12:30 AM - 12:35 AM	50.2	49.2	1.0	7.0	-	48.2	41.3	6.9
12:35 AM - 12:40 AM	51.5	46.2	5.3	1.5	-	53.0	42.7	10.3
12:40 AM - 12:45 AM	48.7	45.4	3.3	3.0	-	48.7	42.4	6.3
12:45 AM - 12:50 AM	51.9	47.5	4.4	2.0	-	52.9	42.5	10.4
12:50 AM - 12:55 AM	52.1	45.0	7.1	1.0	-	54.1	41.1	13.0
12:55 AM - 01:00 AM	53.1	47.7	5.4	1.5	-	54.6	43.8	10.8
01:00 AM - 01:05 AM	49.0	47.8	1.2	7.0	-	45.0	43.1	1.9
01:05 AM - 01:10 AM	48.6	45.8	2.8	3.0	-	48.6	42.8	5.8
01:10 AM - 01:15 AM	51.5	45.6	5.9	1.5	-	53.0	43.9	9.1
01:15 AM - 01:20 AM	51.8	47.9	3.9	2.0	-	52.8	44.5	8.3
01:20 AM - 01:25 AM	54.3	48.0	6.3	1.5	-	55.8	44.8	11.0
01:25 AM - 01:30 AM	57.1	49.8	7.3	1.0	-	59.1	44.3	14.7
01:30 AM - 01:35 AM	52.3	50.8	1.5	4.5	-	50.8	43.6	7.2
01:35 AM - 01:40 AM	48.1	44.5	3.6	2.0	-	49.1	43.2	5.9
01:40 AM - 01:45 AM	54.9	45.8	9.1	0.5	-	57.4	43.8	13.6
01:45 AM - 01:50 AM	50.1	52.1	-2.0	7.0	-	46.1	45.6	0.5
01:50 AM - 01:55 AM	50.2	48.5	1.7	4.5	-	48.7	44.8	3.9
01:55 AM - 02:00 AM	52.3	46.7	5.6	1.5	-	53.8	44.6	9.2
02:00 AM - 02:05 AM	52.6	47.0	5.6	1.5	-	54.1	44.7	9.4
02:05 AM - 02:10 AM	48.9	49.4	-0.5	7.0	-	44.9	44.9	0.0
02:10 AM - 02:15 AM	51.0	45.5	5.5	1.5	-	52.5	43.6	8.9
02:15 AM - 02:20 AM	51.0	47.8	3.2	3.0	-	51.0	43.9	7.1
02:20 AM - 02:25 AM	54.3	47.6	6.7	1.0	-	56.3	45.1	11.2
02:25 AM - 02:30 AM	48.6	47.0	1.6	4.5	-	47.1	45.7	1.4
02:30 AM - 02:35 AM	49.2	49.2	0.0	7.0	-	48.5	46.0	2.5
02:35 AM - 02:40 AM	45.9	47.6	-1.7	7.0	-	41.9	45.9	-4.0
02:40 AM - 02:45 AM	52.7	47.5	5.2	1.5	-	54.2	45.4	8.8
02:45 AM - 02:50 AM	45.3	47.1	-1.8	7.0	-	41.3	45.0	-3.7
02:50 AM - 02:55 AM	46.2	46.0	0.2	7.0	-	42.2	45.2	3.0
02:55 AM - 03:00 AM	47.9	43.4	4.5	1.5	-	49.4	42.3	7.1
03:00 AM - 03:05 AM	58.8	43.2	15.6	0.0	-	61.8	42.1	19.7
03:05 AM - 03:10 AM	52.1	48.7	3.4	3.0	-	52.1	43.6	8.5
03:10 AM - 03:15 AM	44.6	44.6	0.0	3.0	-	44.6	43.3	1.3
03:15 AM - 03:20 AM	45.1	46.9	-1.8	7.0	-	41.1	42.0	-0.9
03:20 AM - 03:25 AM	46.1	43.3	2.8	3.0	-	46.1	42.2	3.9
03:25 AM - 03:30 AM	46.0	43.6	2.4	2.0	-	49.0	42.0	7.0
03:30 AM - 03:35 AM	40.4	45.9	-5.5	1.5	-	51.9	42.2	9.7
03:35 AM - 03:40 AM	46.0	50.5	-4.5	7.0	-	42.0	43.3	-1.3
03:40 AM - 03:45 AM	47.9	44.7	3.2	3.0	-	47.9	42.6	5.3

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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O : ภัยพิบัติ
Project Name : Project AIE Rayong
Project Location : Sant Chai Chana 00734218

Lot ID: 22133617
Date Received: Dec 06, 2022
Date Reported: Dec 15, 2022
Report Number: 2518872-1

Sample No. 22133617-8
Parameter เลื่อนรบกวน
Location N2 (หน้าบ้านบ้านวัด) (GPS 47P 0726181, 1406270)
Measurement Date Nov 26 - 27, 2022
Measurement by Sound Level Meter 00734218

เวลา	เสียงจากแหล่งกำเนิด	เสียงรบกวนไม่มีการรบกวน	ผลต่างระดับเสียง	ตัวแปรค่า	ปรับค่าเสียงจากแหล่งกำเนิด		เสียงที่ปรากฏ	ค่าระดับการรบกวน
					กลางคืน	กลางวัน		
11:00 AM - 12:00 PM	58.6	52.5	6.1	1.5	57.1	-	45.0	12.1
12:00 PM - 01:00 PM	61.2	60.9	0.3	7.0	54.2	-	55.8	-1.6
01:00 PM - 02:00 PM	58.8	53.2	5.6	1.5	57.3	-	47.5	9.8
02:00 PM - 03:00 PM	59.4	52.6	6.8	1.0	58.4	-	49.7	14.7
03:00 PM - 04:00 PM	60.3	56.2	4.1	2.0	58.3	-	45.2	13.1
04:00 PM - 05:00 PM	61.1	55.9	5.2	1.5	59.6	-	45.5	14.1
05:00 PM - 06:00 PM	60.7	56.1	4.6	1.5	59.2	-	47.3	11.9
06:00 PM - 07:00 PM	60.4	56.2	4.2	2.0	58.4	-	47.4	11.0
07:00 PM - 08:00 PM	57.9	51.1	6.8	1.5	56.4	-	46.5	9.9
08:00 PM - 09:00 PM	56.4	51.3	5.1	1.5	54.9	-	45.4	9.5
09:00 PM - 10:00 PM	55.8	50.7	5.1	1.5	54.3	-	43.8	10.5
10:00 PM - 10:55 PM	57.2	48.7	8.5	0.5	-	-	59.7	41.4
10:55 PM - 11:00 PM	54.5	51.9	2.6	3.0	-	-	54.5	42.7
11:00 PM - 11:05 PM	56.8	50.2	6.6	1.0	-	-	58.8	43.4
11:05 PM - 11:10 PM	58.3	49.4	8.9	0.5	-	-	60.8	43.7
11:10 PM - 11:15 PM	57.6	52.9	4.7	1.5	-	-	59.1	44.3
11:15 PM - 11:20 PM	61.1	52.0	9.1	0.5	-	-	63.6	43.2
11:20 PM - 11:25 PM	58.8	53.4	5.4	1.5	-	-	60.3	42.8
11:25 PM - 11:30 PM	53.2	53.6	-0.4	7.0	-	-	49.2	43.1
11:30 PM - 11:35 PM	61.3	49.0	12.3	0.0	-	-	66.3	41.3
11:35 PM - 11:40 PM	55.2	50.7	4.5	1.5	-	-	56.7	41.2
11:40 PM - 11:45 PM	53.4	48.4	5.0	1.5	-	-	54.9	41.0
11:45 PM - 11:50 PM	53.8	50.8	3.0	3.0	-	-	53.8	42.0
11:50 PM - 11:55 PM	56.1	46.0	10.1	0.5	-	-	58.6	42.2
11:55 PM - 12:00 PM	57.0	46.0	11.0	0.5	-	-	59.5	42.5
12:00 PM - 12:05 PM	54.4	50.2	4.2	2.0	-	-	55.4	42.0
12:05 PM - 12:10 PM	57.1	49.8	7.3	1.0	-	-	59.1	42.6
12:10 PM - 12:15 PM	58.8	49.0	9.8	0.5	-	-	61.3	42.8
12:15 PM - 12:20 PM	51.9	52.1	1.8	4.5	-	-	52.4	42.8
12:20 PM - 12:25 PM	48.0	49.6	-1.6	7.0	-	-	44.0	42.5
12:25 PM - 12:30 PM	51.5	45.1	6.4	1.5	-	-	53.0	43.0
12:30 PM - 12:35 PM	51.5	45.5	6.0	1.5	-	-	53.0	42.4
12:35 PM - 12:40 PM	50.5	48.6	1.9	4.5	-	-	49.9	41.9
12:40 PM - 12:45 PM	48.3	45.3	3.0	3.0	-	-	48.3	41.2
12:45 PM - 12:50 AM	48.0	43.5	4.5	2.0	-	-	49.8	41.3
12:50 AM - 12:55 AM	56.4	45.5	10.9	0.5	-	-	58.9	41.0
12:55 AM - 1:00 AM	56.3	50.1	6.2	1.5	-	-	57.8	40.9
1:00 AM - 1:05 AM	52.2	52.7	-0.5	7.0	-	-	48.2	41.3
1:05 AM - 1:10 AM	51.1	48.6	2.5	7.0	-	-	48.9	40.9
1:10 AM - 1:15 AM	54.6	49.0	5.6	1.5	-	-	56.1	41.3



Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silm 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O : สัญญาจ้าง
Project Name : Project AIE Rayong
Project Location :
Sample No. : 22133617-9
Parameter : เสียงรบกวน
Location : N2 (หมู่บ้านบ้านไร่โคก) (GPS 47P 0726181,1406270)
Measurement Date : Nov 27 - 28, 2022
Measurement by : Santi Chaichana
Sound Level Meter : 00734218

Lot ID: 22133617
Date Received: Dec 06, 2022
Date Reported: Dec 15, 2022
Report Number: 2518873-1

Page 1 of 3

เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	ผลต่างระดับเสียง	ค่าปรับค่า	ปรับค่าเสียงจากแหล่งกำเนิด		เสียงที่ฐาน	ค่าระดับการรบกวน
					กลางวัน	กลางคืน		
11:00 AM - 12:00 PM	58.8	51.4	7.4	1.0	57.8	-	42.6	15.2
12:00 PM - 01:00 PM	59.9	52.2	7.7	1.0	58.6	-	44.0	14.0
01:00 PM - 02:00 PM	58.9	53.1	5.8	1.5	57.4	-	42.5	14.9
02:00 PM - 03:00 PM	58.2	50.8	7.4	1.0	57.2	-	41.6	15.6
03:00 PM - 04:00 PM	59.2	52.4	6.8	1.0	58.2	-	41.9	16.3
04:00 PM - 05:00 PM	58.7	54.5	4.2	2.0	56.7	-	43.1	13.1
05:00 PM - 06:00 PM	59.6	55.1	4.5	1.5	58.1	-	43.3	12.8
06:00 PM - 07:00 PM	58.7	54.9	3.8	2.0	56.7	-	46.3	10.4
07:00 PM - 08:00 PM	57.8	54.5	3.3	3.0	54.8	-	46.6	8.2
08:00 PM - 09:00 PM	57.2	53.9	3.3	3.0	54.2	-	46.0	8.2
09:00 PM - 10:00 PM	56.4	52.0	4.4	2.0	54.4	-	45.5	8.9
10:00 PM - 10:55 PM	57.9	49.5	8.4	0.5	-	60.4	45.0	15.4
10:55 PM - 11:00 PM	52.7	53.4	-0.7	2.0	-	48.7	45.5	3.2
11:00 PM - 11:15 PM	52.3	48.2	4.1	2.0	-	53.1	45.4	7.9
11:15 PM - 11:30 PM	51.4	49.8	1.6	4.5	-	49.9	44.5	5.4
11:30 PM - 11:45 PM	50.9	48.5	2.4	4.5	-	49.4	44.7	4.7
11:45 PM - 11:55 PM	53.5	50.3	3.2	3.0	-	53.5	44.4	9.1
11:55 PM - 12:00 PM	57.8	48.6	9.2	0.5	-	60.3	44.8	15.5
12:00 PM - 12:05 PM	52.7	50.8	1.9	4.5	-	51.2	45.4	5.8
12:05 PM - 12:10 PM	51.8	50.4	1.4	7.0	-	47.8	45.5	2.3
12:10 PM - 12:15 PM	56.1	48.4	7.7	0.5	-	58.6	45.3	13.3
12:15 PM - 12:20 PM	53.7	51.3	2.2	4.5	-	52.2	45.5	6.7
12:20 PM - 11:00 PM	61.7	50.6	11.1	0.5	-	64.2	45.4	18.8
11:00 PM - 11:05 PM	52.3	52.3	0.0	7.0	-	48.3	45.1	3.2
11:05 PM - 11:10 PM	61.4	47.9	13.5	0.0	-	64.4	45.0	19.4
11:10 PM - 11:15 PM	54.7	52.0	2.7	3.0	-	54.7	45.1	9.7
11:15 PM - 11:20 PM	58.5	50.2	8.3	0.5	-	61.0	45.1	15.9
11:20 PM - 11:25 PM	55.7	48.4	7.3	1.0	-	57.7	44.7	13.0
11:25 PM - 11:30 PM	54.8	56.2	-1.4	7.0	-	50.8	45.0	5.8
11:30 PM - 11:35 PM	55.1	50.4	4.7	1.5	-	56.6	44.0	12.6
11:35 PM - 11:40 PM	52.7	49.2	3.5	2.0	-	53.7	43.9	9.8
11:40 PM - 11:45 PM	52.5	46.6	5.9	1.5	-	54.0	43.7	10.3
11:45 PM - 11:50 PM	49.5	47.1	2.4	4.5	-	49.5	40.7	8.8
11:50 PM - 11:55 PM	50.0	45.1	4.9	1.5	-	51.5	43.2	8.3
11:55 PM - 12:00 AM	51.6	50.7	0.9	7.0	-	47.6	44.2	3.4
12:00 AM - 12:05 AM	53.9	47.4	6.5	1.0	-	55.9	44.2	11.7
12:05 AM - 12:10 AM	52.7	48.5	4.2	2.0	-	53.7	44.6	9.1
12:10 AM - 12:15 AM	52.5	48.4	4.1	2.0	-	53.5	43.9	9.6
12:15 AM - 12:20 AM	52.4	45.7	6.7	1.0	-	54.4	44.2	10.2
12:20 AM - 12:25 AM	51.8	50.1	1.7	4.5	-	50.3	44.2	6.1

The above results are valid only for the analyzed tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silm 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O : สัญญาจ้าง
Project Name : Project AIE Rayong
Project Location :
Sample No. : 22133617-9
Parameter : เสียงรบกวน
Location : N2 (หมู่บ้านบ้านไร่โคก) (GPS 47P 0726181,1406270)
Measurement Date : Nov 27 - 28, 2022
Measurement by : Santi Chaichana
Sound Level Meter : 00734218

Lot ID: 22133617
Date Received: Dec 06, 2022
Date Reported: Dec 15, 2022
Report Number: 2518873-1

Page 2 of 3

เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	ผลต่างระดับเสียง	ค่าปรับค่า	ปรับค่าเสียงจากแหล่งกำเนิด		เสียงที่ฐาน	ค่าระดับการรบกวน
					กลางวัน	กลางคืน		
03:45 AM - 03:50 AM	45.4	44.5	0.9	7.0	-	41.4	43.4	-2.0
03:50 AM - 03:55 AM	47.6	45.0	2.6	3.0	-	47.6	43.1	4.5
03:55 AM - 04:00 AM	46.4	45.4	1.0	7.0	-	42.4	40.7	-1.7
04:00 AM - 04:05 AM	56.1	44.3	11.8	0.5	-	58.6	43.0	15.6
04:05 AM - 04:10 AM	49.0	46.7	2.3	4.5	-	47.5	43.5	4.0
04:10 AM - 04:15 AM	47.7	46.5	1.2	7.0	-	43.7	44.8	-1.1
04:15 AM - 04:20 AM	51.4	46.5	4.9	1.5	-	52.9	45.1	7.8
04:20 AM - 04:25 AM	52.3	48.3	4.0	2.0	-	53.3	45.4	7.9
04:25 AM - 04:30 AM	49.5	44.5	5.0	1.5	-	51.0	42.7	8.8
04:30 AM - 04:35 AM	49.0	45.4	3.6	2.0	-	50.0	41.7	8.3
04:35 AM - 04:40 AM	46.5	45.2	1.3	7.0	-	48.0	41.7	6.3
04:40 AM - 04:45 AM	48.6	44.8	3.8	1.5	-	45.1	41.1	4.0
04:45 AM - 04:50 AM	43.0	44.9	-1.9	7.0	-	39.0	41.8	-2.8
04:50 AM - 04:55 AM	53.0	46.6	6.4	0.5	-	55.5	43.8	11.7
04:55 AM - 05:00 AM	49.5	47.8	1.7	4.5	-	48.0	44.7	3.3
05:00 AM - 05:05 AM	42.7	49.2	-6.5	7.0	-	38.7	44.5	-5.8
05:05 AM - 05:10 AM	51.5	47.7	3.8	2.0	-	52.5	44.3	8.2
05:10 AM - 05:15 AM	51.1	47.7	3.4	3.0	-	51.1	44.7	6.4
05:15 AM - 05:20 AM	54.0	48.5	5.5	1.5	-	55.5	44.4	11.1
05:20 AM - 05:25 AM	53.8	51.0	2.8	3.0	-	53.8	45.3	8.5
05:25 AM - 05:30 AM	53.8	49.0	4.8	1.5	-	55.3	44.9	10.4
05:30 AM - 05:35 AM	56.9	50.2	6.7	1.0	-	58.9	46.3	12.6
05:35 AM - 05:40 AM	55.4	50.2	5.2	1.5	-	56.9	46.7	10.2
05:40 AM - 05:45 AM	55.6	49.5	6.1	1.5	-	57.1	46.3	10.8
05:45 AM - 05:50 AM	56.2	50.8	5.4	1.5	-	57.7	46.2	11.5
05:50 AM - 05:55 AM	59.1	50.6	8.7	0.5	-	61.8	44.9	16.9
05:55 AM - 06:00 AM	58.7	51.2	7.5	0.5	-	61.2	45.1	16.1
06:00 AM - 07:00 AM	61.1	54.6	6.5	1.0	-	66.1	-	12.7
07:00 AM - 08:00 AM	61.7	56.2	5.5	1.5	-	60.2	-	12.3
08:00 AM - 09:00 AM	53.9	53.9	0.0	1.5	-	56.9	-	14.0
09:00 AM - 10:00 AM	57.3	51.2	6.1	1.5	-	55.8	-	12.2
10:00 AM - 11:00 AM	56.2	50.8	5.4	1.5	-	54.7	-	12.0

Reference Method : Based on ISO 196-1 and ISO 196-2

- หมายเหตุ
1. ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่ควรพิจารณาจากโรงงาน พ.ศ. 2548
 2. ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่ควรพิจารณาจากโรงงาน พ.ศ. 2553
 3. ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่ควรพิจารณาจากโรงงาน พ.ศ. 2561
- ระดับเสียงที่ฐานและระดับเสียงที่ควรพิจารณา (Sample No. 22133750-9 วันจันทร์ที่ 27-28 พฤศจิกายน 2565)

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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silm 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O : สัญญาจ้าง
Project Name : Project AIE Rayong
Project Location :
Sample No. : 22133617-9
Parameter : เสียงรบกวน
Location : N2 (หมู่บ้านบ้านไร่โคก) (GPS 47P 0726181,1406270)
Measurement Date : Nov 27 - 28, 2022
Measurement by : Santi Chaichana
Sound Level Meter : 00734218

Lot ID: 22133617
Date Received: Dec 06, 2022
Date Reported: Dec 15, 2022
Report Number: 2518873-1

Page 2 of 3

เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	ผลต่างระดับเสียง	ค่าปรับค่า	ปรับค่าเสียงจากแหล่งกำเนิด		เสียงที่ฐาน	ค่าระดับการรบกวน
					กลางวัน	กลางคืน		
12:25 AM - 12:30 AM	52.7	48.4	4.3	2.0	-	53.2	44.6	8.6
12:30 AM - 12:35 AM	55.1	47.6	7.5	0.5	-	57.6	43.8	13.7
12:35 AM - 12:40 AM	51.3	48.5	2.8	3.0	-	51.3	43.3	8.0
12:40 AM - 12:45 AM	53.6	47.5	6.1	1.5	-	55.1	43.7	11.4
12:45 AM - 12:50 AM	49.3	47.5	1.8	4.5	-	47.8	43.9	3.9
12:50 AM - 12:55 AM	49.6	46.1	3.5	2.0	-	50.6	44.5	6.1
12:55 AM - 01:00 AM	48.5	45.1	3.4	4.5	-	47.0	43.6	3.4
01:00 AM - 01:05 AM	49.2	44.3	4.9	1.5	-	50.7	43.0	7.7
01:05 AM - 01:10 AM	51.9	45.1	6.8	1.0	-	53.9	43.1	10.8
01:10 AM - 01:15 AM	51.4	45.7	5.7	1.5	-	52.9	43.4	9.5
01:15 AM - 01:20 AM	52.5	47.4	5.1	1.5	-	54.0	43.9	10.1
01:20 AM - 01:25 AM	52.9	47.5	5.4	1.5	-	54.4	44.4	10.0
01:25 AM - 01:30 AM	46.5	47.4	-0.9	7.0	-	42.5	43.6	-1.1
01:30 AM - 01:35 AM	47.8	44.4	3.4	3.0	-	47.8	42.7	4.1
01:35 AM - 01:40 AM	45.6	44.6	1.0	7.0	-	41.6	42.9	-1.3
01:40 AM - 01:45 AM	45.3	43.7	1.6	4.5	-	43.8	43.1	0.7
01:45 AM - 01:50 AM	51.0	48.4	2.6	3.0	-	51.0	42.9	8.1
01:50 AM - 01:55 AM	45.7	46.7	-1.0	7.0	-	41.7	42.6	-0.9
01:55 AM - 02:00 AM	45.4	43.5	1.9	4.5	-	43.9	42.0	1.9
02:00 AM - 02:05 AM	45.6	43.2	2.4	4.5	-	44.1	42.7	1.4
02:05 AM - 02:10 AM	50.4	43.8	6.6	1.0	-	52.4	43.2	9.2
02:10 AM - 02:15 AM	45.8	45.1	0.5	7.0	-	41.8	43.2	-1.4
02:15 AM - 02:20 AM	47.4	43.3	4.1	2.0	-	48.4	42.7	5.7
02:20 AM - 02:25 AM	46.6	43.8	2.8	3.0	-	46.6	42.5	4.1
02:25 AM - 02:30 AM	48.7	43.5	5.2	1.5	-	50.2	42.9	7.3
02:30 AM - 02:35 AM	50.4	43.6	6.5	1.0	-	52.4	43.2	9.2
02:35 AM - 02:40 AM	56.3	46.6	9.7	0.5	-	58.8	43.6	15.2
02:40 AM - 02:45 AM	50.1	50.5	-0.4	7.0	-	46.1	42.9	3.2
02:45 AM - 02:50 AM	50.1	45.5	4.6	1.5	-	51.6	43.7	7.9
02:50 AM - 02:55 AM	48.8	46.6	2.2	4.5	-	47.1	44.5	2.6
02:55 AM - 03:00 AM	52.6	44.1	8.5	0.5	-	55.1	43.3	11.8
03:00 AM - 03:05 AM	47.4	46.8	0.6	7.0	-	43.4	43.4	0.0
03:05 AM - 03:10 AM	50.4	44.4	6.0	1.5	-	51.9	43.6	8.3



Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (S103) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : สัญญาจ้าง
Project Name : Project AIE Rayong
Project Location :

Sample No. : 22133617-10
Parameter : เลื่อนฐาน
Location : N2 (หมู่บ้านบ้านวัด) (GPS 47P 0726181,1406270)
Measurement Date : Nov 28 - 29, 2022
Measurement by : Santi Chaichana
Sound Level Meter : 00734218

Lot ID: 22133617
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report Number : 2518874-1

Page 2 of 3

เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	ผลต่างระดับเสียง	ตัวปรับค่า	ปรับค่าเสียงจากแหล่งกำเนิด		เสียงที่ฐาน	ค่าระดับการรบกวน
					กลางวัน	กลางคืน		
12:25 AM - 12:30 AM	49.7	46.3	3.4	3.0	-	-	44.5	5.2
12:30 AM - 12:35 AM	48.2	46.3	1.9	4.5	-	-	46.7	4.3
12:35 AM - 12:40 AM	49.0	44.2	4.8	1.5	-	-	50.5	4.6
12:40 AM - 12:45 AM	43.8	45.4	-1.6	7.0	-	-	39.8	4.3
12:45 AM - 12:50 AM	49.8	43.7	6.1	1.5	-	-	51.3	4.2
12:50 AM - 12:55 AM	51.6	43.6	8.0	0.5	-	-	54.4	4.1
12:55 AM - 01:00 AM	52.7	46.3	6.4	1.5	-	-	54.2	4.1
01:00 AM - 01:05 AM	51.0	46.7	4.3	2.0	-	-	52.0	39.1
01:05 AM - 01:10 AM	46.4	45.2	1.2	7.0	-	-	42.4	38.5
01:10 AM - 01:15 AM	46.6	42.5	4.4	2.0	-	-	47.9	38.4
01:15 AM - 01:20 AM	49.2	39.1	10.1	0.5	-	-	51.7	38.5
01:20 AM - 01:25 AM	51.4	45.3	6.1	1.5	-	-	52.9	39.3
01:25 AM - 01:30 AM	44.0	45.4	-1.4	7.0	-	-	40.0	41.5
01:30 AM - 01:35 AM	43.7	42.7	1.0	4.5	-	-	43.2	41.8
01:35 AM - 01:40 AM	47.7	42.5	5.2	1.5	-	-	49.2	41.6
01:40 AM - 01:45 AM	46.3	42.7	3.6	2.0	-	-	47.3	40.1
01:45 AM - 01:50 AM	49.1	45.5	3.6	2.0	-	-	50.1	40.3
01:50 AM - 01:55 AM	45.4	45.1	0.3	7.0	-	-	41.4	41.8
01:55 AM - 02:00 AM	47.1	52.3	-5.2	7.0	-	-	43.1	43.2
02:00 AM - 02:05 AM	48.2	46.2	2.0	4.5	-	-	46.7	42.4
02:05 AM - 02:10 AM	44.8	45.5	-0.7	7.0	-	-	40.8	42.1
02:10 AM - 02:15 AM	44.2	44.0	0.2	7.0	-	-	40.2	41.3
02:15 AM - 02:20 AM	47.5	43.4	4.1	2.0	-	-	48.5	40.9
02:20 AM - 02:25 AM	46.5	44.0	2.5	3.0	-	-	46.5	40.9
02:25 AM - 02:30 AM	40.6	45.1	-4.5	7.0	-	-	36.6	40.6
02:30 AM - 02:35 AM	50.4	41.9	8.5	0.5	-	-	52.9	40.2
02:35 AM - 02:40 AM	49.0	44.9	4.1	2.0	-	-	50.0	41.9
02:40 AM - 02:45 AM	46.2	43.9	2.3	4.5	-	-	44.7	40.5
02:45 AM - 02:50 AM	43.9	45.3	-1.4	7.0	-	-	39.9	40.5
02:50 AM - 02:55 AM	51.5	40.6	11.9	0.5	-	-	55.0	39.9
02:55 AM - 03:00 AM	43.9	45.3	-1.4	7.0	-	-	39.9	40.8
03:00 AM - 03:05 AM	51.7	41.9	9.8	0.5	-	-	54.2	41.0
03:05 AM - 03:10 AM	47.2	47.0	0.2	7.0	-	-	43.2	41.2
03:10 AM - 03:15 AM	50.9	45.6	5.3	1.5	-	-	52.4	41.6
03:15 AM - 03:20 AM	50.3	46.3	4.0	2.0	-	-	51.3	43.9
03:20 AM - 03:25 AM	48.5	47.1	1.4	7.0	-	-	44.5	44.9
03:25 AM - 03:30 AM	48.8	45.8	3.0	3.0	-	-	48.8	44.8
03:30 AM - 03:35 AM	46.5	48.1	-1.6	7.0	-	-	42.5	44.1
03:35 AM - 03:40 AM	46.5	48.2	-1.7	7.0	-	-	44.5	43.7
03:40 AM - 03:45 AM	50.3	50.3	0.0	7.0	-	-	46.3	44.4

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Analysis / Test Report

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Thailand 10500

P/O : สัญญาจ้าง
Project Name : Project AIE Rayong
Project Location :

Sample No. : 22133617-11
Parameter : เลื่อนฐาน
Location : N2 (หมู่บ้านบ้านวัด) (GPS 47P 0726181,1406270)
Measurement Date : Nov 29 - 30, 2022
Measurement by : Santi Chaichana
Sound Level Meter : 00734218

Lot ID: 22133617
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report Number : 2518875-1

Page 1 of 3

เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	ผลต่างระดับเสียง	ตัวปรับค่า	ปรับค่าเสียงจากแหล่งกำเนิด		เสียงที่ฐาน	ค่าระดับการรบกวน
					กลางวัน	กลางคืน		
11:00 AM - 12:00 PM	58.2	51.3	6.9	1.0	57.2	-	43.8	13.4
12:00 PM - 01:00 PM	57.8	51.5	6.3	1.5	56.3	-	43.6	12.7
01:00 PM - 02:00 PM	56.0	51.3	4.7	1.5	54.5	-	41.0	13.5
02:00 PM - 03:00 PM	56.8	52.2	4.6	1.5	55.3	-	41.0	14.3
03:00 PM - 04:00 PM	57.3	52.8	4.5	1.5	55.8	-	40.4	15.4
04:00 PM - 05:00 PM	60.4	56.0	4.4	2.0	58.4	-	44.2	14.2
05:00 PM - 06:00 PM	63.3	59.8	3.5	2.0	61.3	-	51.5	9.8
06:00 PM - 07:00 PM	61.2	53.8	7.4	1.0	60.2	-	47.3	12.9
07:00 PM - 08:00 PM	58.9	53.1	5.8	1.5	57.4	-	44.5	12.9
08:00 PM - 09:00 PM	56.8	52.4	4.4	2.0	54.8	-	45.3	9.5
09:00 PM - 10:00 PM	55.1	49.1	6.0	1.5	53.6	-	45.1	8.5
10:00 PM - 10:05 PM	55.6	48.9	6.7	1.0	57.6	45.3	12.3	57.6
10:05 PM - 10:10 PM	54.5	51.7	2.8	3.0	54.5	45.9	8.6	54.5
10:10 PM - 10:15 PM	54.6	50.3	4.3	2.0	55.6	45.3	10.3	55.6
10:15 PM - 10:20 PM	56.1	50.0	6.1	1.5	57.6	45.3	12.4	57.6
10:20 PM - 10:25 PM	55.1	52.9	2.2	4.5	53.6	44.7	8.9	53.6
10:25 PM - 10:30 PM	57.8	50.4	7.4	1.0	59.8	44.7	15.1	59.8
10:30 PM - 10:35 PM	58.0	50.0	8.0	1.5	56.5	45.6	10.9	56.5
10:35 PM - 10:40 PM	52.7	48.7	4.0	7.0	52.4	45.1	8.5	52.4
10:40 PM - 10:45 PM	51.1	49.0	2.1	4.5	49.6	44.9	4.7	49.6
10:45 PM - 10:50 PM	52.0	51.6	0.4	7.0	48.0	46.0	2.0	48.0
10:50 PM - 10:55 PM	58.3	44.8	13.5	3.0	58.3	53.1	5.2	58.3
10:55 PM - 11:00 PM	53.9	53.2	0.7	7.0	48.0	52.2	-2.8	48.0
11:00 PM - 11:05 PM	50.8	54.2	-3.4	7.0	46.8	51.4	-4.6	46.8
11:05 PM - 11:10 PM	53.8	52.6	1.2	7.0	49.8	51.6	-1.8	49.8
11:10 PM - 11:15 PM	52.1	52.8	-0.7	7.0	48.1	51.7	-3.6	48.1
11:15 PM - 11:20 PM	47.1	52.5	-5.4	7.0	46.1	51.6	-5.5	46.1
11:20 PM - 11:25 PM	47.3	53.4	-6.1	7.0	43.3	51.6	-8.3	43.3
11:25 PM - 11:30 PM	55.3	51.9	3.4	3.0	55.3	51.1	4.2	55.3
11:30 PM - 11:35 PM	52.1	51.2	0.9	7.0	48.2	51.2	-3.1	48.2
11:35 PM - 11:40 PM	50.1	51.8	-1.7	0.5	46.1	51.2	-5.1	46.1
11:40 PM - 11:45 PM	49.9	54.1	-4.2	7.0	45.9	51.2	-5.3	45.9
11:45 PM - 11:50 PM	55.8	52.2	3.6	2.0	55.8	51.1	5.7	55.8
11:50 PM - 11:55 PM	52.6	52.3	0.3	7.0	48.6	51.1	-2.6	48.6
11:55 PM - 12:00 AM	48.2	52.1	-3.9	7.0	44.2	51.1	-6.9	44.2
12:00 AM - 12:05 AM	50.9	52.2	-1.3	7.0	46.9	51.2	-4.3	46.9
12:05 AM - 12:10 AM	49.7	51.8	-2.1	7.0	45.7	51.3	-5.6	45.7
12:10 AM - 12:15 AM	49.7	52.3	-2.6	7.0	45.7	51.4	-5.7	45.7
12:15 AM - 12:20 AM	49.3	52.0	-2.7	7.0	45.3	51.5	-6.2	45.3
12:20 AM - 12:25 AM	47.4	52.3	-4.9	7.0	43.4	51.3	-7.9	43.4

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Wibab

Wibab Borik
Assistant Manager

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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (S103) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : สัญญาจ้าง
Project Name : Project AIE Rayong
Project Location :

Sample No. : 22133617-10
Parameter : เลื่อนฐาน
Location : N2 (หมู่บ้านบ้านวัด) (GPS 47P 0726181,1406270)
Measurement Date : Nov 28 - 29, 2022
Measurement by : Santi Chaichana
Sound Level Meter : 00734218

Lot ID: 22133617
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report Number : 2518874-1

Page 3 of 3

เวลา	ระดับเสียง (dB(A))				ปรับค่าเสียงจากแหล่งกำเนิด		เสียงที่ฐาน	ค่าระดับการรบกวน
	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	ผลต่างระดับเสียง	ตัวปรับค่า	กลางวัน	กลางคืน		
03:45 AM - 03:50 AM	45.5	45.7	-0.2	7.0	-	-	41.5	43.9
03:50 AM - 03:55 AM	47.9	45.4	2.3	1.5	-	-	52.2	43.2
03:55 AM - 04:00 AM	48.6	47.0	0.9	7.0	-	-	43.9	43.0
04:00 AM - 04:05 AM	48.6	45.0	3.6	2.0	-	-	49.6	43.6
04:05 AM - 04:10 AM	49.5	49.4	0.1	7.0	-	-	45.5	44.4
04:10 AM - 04:15 AM	49.7	47.1	2.6	3.0	-	-	49.7	44.0
04:15 AM - 04:20 AM	48.1	46.2	1.9	4.5	-	-	46.6	43.4
04:20 AM - 04:25 AM	50.6	45.3	5.3	1.5	-	-	52.1	44.4
04:25 AM - 04:30 AM	48.4	49.9	-1.5	7.0	-	-	44.4	45.1
04:30 AM - 04:35 AM	52.2	48.2	4.0	2.0	-	-	53.2	44.9
04:35 AM - 04:40 AM	48.8	48.0	0.8	7.0	-	-	44.8	44.4
04:40 AM - 04:45 AM	54.9	47.7	7.2	1.0	-	-	56.9	46.0
04:45 AM - 04:50 AM	52.5	48.0	4.5	1.5	-	-	54.0	45.8
04:50 AM - 04:55 AM	54.1	46.8	7.3	1.0	-	-	56.1	46.2
04:55 AM - 05:00 AM	52.0	48.3	3.7	2.0	-	-	53.0	46.0
05:00 AM - 05:05 AM	46.8	48.8	-2.0	7.0	-	-	44.8	45.6
05:05 AM - 05:10 AM	48.3	49.1	-0.8	7.0	-	-	44.3	46.2
05:10 AM - 05:15 AM	51.5	47.7	3.8	2.0	-	-	52.5	45.9
05:15 AM - 05:20 AM	51.1	47.6	3.5	2.0	-	-	52.1	45.0
05:20 AM - 05:25 AM	51.9	48.2	3.7	2.0	-	-	52.9	44.6
05:25 AM - 05:30 AM	52.0	50.3	1.7	4.5	-	-	50.5	43.5
05:30 AM - 05:35 AM	54.3	47.2	7.1	1.0	-	-	56.3	43.1
05:35 AM - 05:40 AM	53.2	49.8	3.4	3.0	-	-	53.2	44.2
05:40 AM - 05:45 AM	54.7	50.2	4.5	1.5	-	-	56.2	45.5
05:45 AM - 05:50 AM	54.8	51.0	3.8	2.0	-	-	55.8	44.2
05:50 AM - 05:55 AM	55.6	50.4	5.2	1.5	-	-	57.1	45.3
05:55 AM - 06:00 AM	57.8	51.6	6.2	1.5	-	-	59.3	47.0
06:00 AM - 07:00 AM	60.5	54.5	6.0	0.5	59.0	-	44.7	42.0
07:00 AM - 08:00 AM	61.4	55.1	6.3	1.5	59.9	-	45.9	44.0
08:00 AM - 09:00 AM	59.1	53.1	5.7	1.5	57.6	-	43.7	45.9
09:00 AM - 10:00 AM	58.6	52.1	5.9	1.5	56.5	-	42.0	44.5
10:00 AM - 11:00 AM	56.9	50.9	6.0	1.5	55.4	-	42.5	42.9

ค่าปรับค่าเสียง

≤ 10



Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : สัญญาจ้าง
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22133617
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report Number : 2518875-1

Page 3 of 3

Sample No. 22133617-11
Parameter เลื่อนกราด
Location N2 (หมู่บ้านบ้านวัด) (GPS 47P 0726181, 1406270)
Measurement Date Nov 30 - 01, 2022
Measurement by Santi Chaichana
Sound Level Meter 00734218

เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	ผลค่าระดับเสียง		พื้นที่ค่าเสียงจากแหล่งกำเนิด	เสียงที่ฐาน	ค่าระดับการรบกวน	
			ค่าจริง	ตัวปรับ				
03:45 AM - 03:50 AM	44.3	47.6	-3.1	7.0	-	40.5	39.4	1.1
03:50 AM - 03:55 AM	50.0	48.2	1.8	4.5	-	48.5	39.1	9.4
03:55 AM - 04:00 AM	44.3	47.3	-3.0	7.0	-	40.3	39.8	0.5
04:00 AM - 04:05 AM	51.2	43.5	7.7	0.5	-	51.7	39.0	14.7
04:05 AM - 04:10 AM	45.1	44.0	1.1	7.0	-	41.3	40.2	1.1
04:10 AM - 04:15 AM	47.6	43.8	3.8	2.0	-	48.6	40.5	8.1
04:15 AM - 04:20 AM	47.9	47.7	0.2	7.0	-	43.9	42.0	1.9
04:20 AM - 04:25 AM	52.7	44.8	7.9	0.5	-	52.2	41.6	13.6
04:25 AM - 04:30 AM	45.2	48.6	-3.4	7.0	-	41.2	41.7	-0.5
04:30 AM - 04:35 AM	51.4	47.8	3.6	2.0	-	52.4	41.3	11.1
04:35 AM - 04:40 AM	44.2	42.1	2.1	4.5	-	42.7	40.9	1.8
04:40 AM - 04:45 AM	42.4	43.4	-1.0	7.0	-	38.4	41.3	-2.9
04:45 AM - 04:50 AM	46.2	47.1	-0.9	7.0	-	42.2	41.6	0.6
04:50 AM - 04:55 AM	52.9	51.2	1.7	4.5	-	51.4	44.1	7.3
04:55 AM - 05:00 AM	51.7	47.5	4.2	2.0	-	52.7	42.8	9.9
05:00 AM - 05:05 AM	50.4	48.9	1.5	4.5	-	48.9	42.8	6.1
05:05 AM - 05:10 AM	52.9	49.9	3.0	3.0	-	52.9	42.3	10.6
05:10 AM - 05:15 AM	51.3	49.1	2.2	4.5	-	49.8	43.2	6.6
05:15 AM - 05:20 AM	51.7	51.1	0.6	7.0	-	47.7	43.5	4.2
05:20 AM - 05:25 AM	54.8	50.5	4.3	2.0	-	55.8	43.4	12.4
05:25 AM - 05:30 AM	54.2	52.2	2.0	4.5	-	52.7	44.3	8.4
05:30 AM - 05:35 AM	53.8	51.8	2.0	4.5	-	52.3	45.5	6.8
05:35 AM - 05:40 AM	53.3	51.8	1.5	4.5	-	51.8	45.5	6.3
05:40 AM - 05:45 AM	52.0	50.4	1.6	4.5	-	50.5	45.4	5.1
05:45 AM - 05:50 AM	54.9	51.3	3.6	4.5	-	53.4	46.1	7.3
05:50 AM - 05:55 AM	55.4	53.3	2.1	4.5	-	53.9	46.4	7.5
05:55 AM - 06:00 AM	56.5	52.7	3.8	2.0	-	57.5	47.0	10.5
06:00 AM - 07:00 AM	60.5	56.0	4.5	1.5	59.8	-	48.0	11.0
07:00 AM - 08:00 AM	61.9	56.7	5.2	1.5	60.4	-	48.1	12.3
08:00 AM - 09:00 AM	61.3	52.3	9.0	0.5	60.8	-	42.4	18.4
09:00 AM - 10:00 AM	58.2	51.5	6.7	1.0	57.2	-	40.9	16.3
10:00 AM - 11:00 AM	59.7	50.8	8.9	0.5	59.2	-	40.6	15.0

Reference Method : Based on ISO 1996-1 and ISO 1996-2

- หมายเหตุ :
1. ผลการตรวจวัดค่าเสียง (เมื่อ ค่าตามการประเมินเสียงการรบกวนและระดับเสียงที่วัดได้จากการประเมินการรบกวน พ.ศ. 2548
 2. ผลการตรวจวัดค่าเสียง (เมื่อ ค่าตามการประเมินเสียงการรบกวน และระดับเสียงที่วัดได้ 24 ชั่วโมง และระดับเสียงสูงสุดที่วัดได้จากการประเมินการรบกวน พ.ศ. 2553
 3. ผลการตรวจวัดค่าเสียง (เมื่อ ค่าตามการประเมินเสียงการรบกวนและระดับเสียงที่วัดได้จากการประเมินการรบกวนที่ประเมินโดยผลรวม พ.ศ. 2561
- ระดับเสียงที่ฐานและพื้นที่ค่าเสียง (Sample No. 22133617-11) วันที่ตรวจวัด 30-01-2022 (หน่วยค่าเสียง 2565)



Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : สัญญาจ้าง
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22133617
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report Number : 2518875-1

Page 1 of 3

Sample No. 22133617-12
Parameter เลื่อนกราด
Location N2 (หมู่บ้านบ้านวัด) (GPS 47P 0726181, 1406270)
Measurement Date Nov 30 - 01, 2022
Measurement by Santi Chaichana
Sound Level Meter 00734218

ระดับเสียง (dB(A))							
เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	ผลค่าระดับเสียง	ตัวปรับค่า	พื้นที่ค่าเสียงจากแหล่งกำเนิด	เสียงที่ฐาน	ค่าระดับการรบกวน
11:00 AM - 12:00 PM	58.3	52.9	5.4	1.5	56.8	-	43.7 13.1
12:00 PM - 01:00 PM	58.6	51.8	6.8	1.0	57.6	-	43.3 14.3
01:00 PM - 02:00 PM	57.7	52.2	5.5	1.5	56.2	-	43.0 13.2
02:00 PM - 03:00 PM	57.8	52.9	4.9	1.5	56.3	-	43.2 13.1
03:00 PM - 04:00 PM	58.4	53.0	5.4	1.5	56.9	-	43.9 13.0
04:00 PM - 05:00 PM	61.8	53.7	8.1	0.5	61.3	-	44.9 16.4
05:00 PM - 06:00 PM	61.0	54.2	6.8	1.0	60.0	-	46.4 13.6
06:00 PM - 07:00 PM	59.7	54.8	4.9	1.5	58.2	-	46.0 12.2
07:00 PM - 08:00 PM	59.7	53.4	6.3	1.5	58.2	-	43.3 14.9
08:00 PM - 09:00 PM	59.0	53.9	5.1	1.5	57.5	-	43.4 14.1
09:00 PM - 10:00 PM	57.1	50.9	6.2	1.5	55.6	-	41.6 14.0
10:00 PM - 10:05 PM	57.3	49.0	8.3	0.5	-	59.8	39.5 20.3
10:05 PM - 10:10 PM	52.0	46.4	5.6	1.5	-	53.5	39.8 13.7
10:10 PM - 10:15 PM	51.8	50.4	1.4	7.0	-	47.2	49.8 2.6
10:15 PM - 10:20 PM	55.0	47.2	7.8	0.5	-	57.5	39.5 18.0
10:20 PM - 10:25 PM	52.4	45.9	6.5	1.0	-	54.4	39.8 14.6
10:25 PM - 10:30 PM	53.7	52.6	1.1	7.0	-	50.1	49.7 -0.4
10:30 PM - 10:35 PM	55.2	52.9	2.3	4.5	-	53.7	49.9 3.8
10:35 PM - 10:40 PM	52.5	51.2	1.3	7.0	-	48.5	49.3 -0.8
10:40 PM - 10:45 PM	53.0	50.9	2.1	4.5	-	51.5	49.2 2.3
10:45 PM - 10:50 PM	54.2	51.1	3.1	3.0	-	54.2	49.8 4.4
10:50 PM - 10:55 PM	51.2	51.9	-0.7	7.0	-	47.2	49.8 2.6
10:55 PM - 11:00 PM	51.0	50.1	0.9	7.0	-	47.0	49.4 -2.4
11:00 PM - 11:05 PM	52.2	51.3	0.9	7.0	-	48.2	49.7 -1.5
11:05 PM - 11:10 PM	53.3	50.5	2.8	3.0	-	53.3	49.5 3.8
11:10 PM - 11:15 PM	51.3	50.4	0.9	7.0	-	47.3	49.4 -2.1
11:15 PM - 11:20 PM	49.8	52.4	-2.5	7.0	-	45.9	49.3 -3.4
11:20 PM - 11:25 PM	52.0	53.3	-1.3	7.0	-	48.0	49.4 -1.4
11:25 PM - 11:30 PM	58.5	51.8	6.7	1.0	-	60.5	49.2 11.3
11:30 PM - 11:35 PM	57.3	51.3	6.0	1.5	-	58.8	49.1 9.7
11:35 PM - 11:40 PM	50.7	50.7	0.0	7.0	-	46.7	49.2 -2.5
11:40 PM - 11:45 PM	56.8	50.5	6.3	1.5	-	58.3	49.2 9.1
11:45 PM - 11:50 PM	50.9	49.7	1.2	7.0	-	46.9	49.1 -2.2
11:50 PM - 11:55 PM	47.9	50.3	-2.4	7.0	-	43.9	49.2 -5.3
11:55 PM - 12:00 AM	50.2	54.0	-3.8	7.0	-	46.2	49.0 -2.8
12:00 AM - 12:05 AM	61.1	50.4	10.7	0.5	-	63.6	49.2 14.4
12:05 AM - 12:10 AM	51.0	49.8	1.2	7.0	-	47.0	49.0 -2.0
12:10 AM - 12:15 AM	48.4	50.7	-2.3	7.0	-	44.4	49.1 -4.7
12:15 AM - 12:20 AM	44.6	49.7	-5.1	7.0	-	40.6	48.9 -8.3
12:20 AM - 12:25 AM	51.5	50.1	1.4	7.0	-	47.5	49.2 -1.7

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Wibawan Borikak
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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : สัญญาจ้าง
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22133617
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report Number : 2518875-1

Page 2 of 3

Sample No. 22133617-12
Parameter เลื่อนกราด
Location N2 (หมู่บ้านบ้านวัด) (GPS 47P 0726181, 1406270)
Measurement Date Nov 30 - 01, 2022
Measurement by Santi Chaichana
Sound Level Meter 00734218

เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	ระดับเสียง (dB(A))		พื้นที่ค่าเสียงจากแหล่งกำเนิดภายใน	เสียงที่ฐาน	ค่าระดับการรบกวน	
			ผลค่า	ตัวปรับค่า				
12:25 AM - 12:30 AM	47.2	49.8	-2.6	7.0	-	43.2	48.9	-5.7
12:30 AM - 12:35 AM	51.1	50.4	0.7	7.0	-	47.1	49.1	-2.0
12:35 AM - 12:40 AM	50.4	49.5	0.9	7.0	-	46.4	49.0	-2.6
12:40 AM - 12:45 AM	45.5	49.8	-4.3	7.0	-	41.5	49.1	-7.6
12:45 AM - 12:50 AM	49.0	49.1	-0.1	7.0	-	45.0	48.7	-3.7
12:50 AM - 12:55 AM	41.3	50.5	-9.2	7.0	-	37.3	48.9	-11.6
12:55 AM - 01:00 AM	43.1	52.0	-8.9	7.0	-	39.1	49.0	-9.9
01:00 AM - 01:05 AM	46.6	49.4	-2.8	7.0	-	43.6	49.1	-5.5
01:05 AM - 01:10 AM	47.6	49.7	-2.1	7.0	-	43.6	48.9	-5.3
01:10 AM - 01:15 AM	46.4	49.2	-2.8	7.0	-	42.4	48.9	-6.5
01:15 AM - 01:20 AM	41.2	49.8	-8.6	7.0	-	37.2	49.2	-12.0
01:20 AM - 01:25 AM	45.4	49.4	-4.0	7.0	-	41.4	49.1	-7.7
01:25 AM - 01:30 AM	45.8	50.5	-4.7	7.0	-	41.8	49.1	-7.3
01:30 AM - 01:35 AM	46.6	49.0	-2.4	7.0	-	42.6	48.6	-6.0
01:35 AM - 01:40 AM	45.0	50.2	-5.2	7.0	-	41.0	48.9	-7.9
01:40 AM - 01:45 AM	48.1	49.8	-1.7	7.0	-	44.1	48.8	-4.7
01:45 AM - 01:50 AM	40.3	49.7	-9.4	7.0	-	36.3	48.6	-12.3
01:50 AM - 01:55 AM	46.0	51.7	-5.7	7.0	-	42.0	48.9	-6.9
01:55 AM - 02:00 AM	54.4	50.5	3.9	2.0	-	53.4	48.9	4.5
02:00 AM - 02:05 AM	47.3	49.9	-2.6	7.0	-	43.3	48.6	-5.3
02:05 AM - 02:10 AM	51.0	42.7	8.3	0.5	-	53.5	37.6	15.9
02:10 AM - 02:15 AM	46.8	46.5	0.3	7.0	-	42.8	38.0	4.8
02:15 AM - 02:20 AM	53.2	42.5	10.7	0.5	-	55.7	37.6	18.1
02:20 AM - 02:25 AM	44.3	42.1	2.2	3.0	-	44.3	37.6	6.7
02:25 AM - 02:30 AM	46.8	40.7	6.1	1.5	-	48.3	36.0	12.3
02:30 AM - 02:35 AM	41.6	39.5	2.1	4.5	-	40.1	35.0	4.1
02:35 AM - 02:40 AM	44.6	40.9	3.7	2.0	-	45.6	37.8	7.8
02:40 AM - 02:45 AM	40.3	38.6	1.7	0.5	-	41.8	37.8	4.0
02:45 AM - 02:50 AM	37.8	47.0	-9.2	7.0	-	33.8	38.6	-4.8
02:50 AM - 02:55 AM	50.6	49.1	1.5	4.5	-	49.1	39.5	9.6
02:55 AM - 03:00 AM	51.9	44.3	7.6	0.5	-	54.4	39.1	15.3
03:00 AM - 03:05 AM	49.0	43.5	5.5	1.5	-	50.5	39.0	11.5
03:05 AM - 03:10 AM	46.3	40.7	5.6	1.5	-	47.8	39.5	8.3
03:10 AM - 03:15 AM	43.3	40.1	3.2	3.0	-	43.3	39.5	3.8
03:15 AM - 03:20 AM	37.7	44.7	-7.0	7.0	-	33.7	37.8	-4.1
03:20 AM - 03:25 AM	40.9	40.2	0.7	0.5	-	51.4	38.5	12.9
03:25 AM - 03:30 AM	43.8	44.9	-1.1	7.0	-	39.8	39.0	0.8
03:30 AM - 03:35 AM	47.8	42.7	5.1	1.5	-	49.3	39.6	9.7
03:35 AM - 03:40 AM	44.2	41.0	3.2	0.5	-	46.2	40.2	6.0
03:40 AM - 03:45 AM	50.9	41.0	9.9	0.5	-	53.4	40.3	13.1



Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silm 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O : ภัยพิบัติ
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22133617
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report Number : 2518877-1

Sample No. : 22133617-13
Parameter : เสียงรบกวน
Location : N2 (หน้าบ้านหน้าโรงไฟฟ้า) (GPS 47P 0726181,1406270)
Measurement Date : Dec 01 - 02, 2022
Measurement by : Santi Chaichana
Sound Level Meter : 00734218

เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	ผลต่างระดับเสียง	ค่าปรับค่า	ปรับค่าเสียงจากแหล่งกำเนิด		เสียงที่ฐาน	ค่าระดับการรบกวน
					กลางคืน	กลางวัน		
11:00 AM - 12:00 PM	59.5	51.5	8.0	0.5	60.0	-	42.5	17.5
12:00 PM - 01:00 PM	57.3	50.2	7.1	1.0	56.3	-	41.8	14.9
01:00 PM - 02:00 PM	59.0	51.5	7.5	0.5	58.5	-	43.6	14.9
02:00 PM - 03:00 PM	59.1	51.4	7.7	0.5	58.6	-	43.9	14.7
03:00 PM - 04:00 PM	59.7	51.3	8.4	0.5	59.2	-	42.0	17.2
04:00 PM - 05:00 PM	60.7	53.4	7.3	1.0	59.7	-	45.4	14.3
05:00 PM - 06:00 PM	60.4	53.7	6.7	1.0	56.4	-	45.7	13.7
06:00 PM - 07:00 PM	60.4	54.1	6.3	1.5	58.9	-	46.5	12.4
07:00 PM - 08:00 PM	59.2	52.5	6.7	1.0	58.2	-	44.1	14.1
08:00 PM - 09:00 PM	59.5	54.2	5.3	1.5	58.0	-	45.8	11.9
09:00 PM - 10:00 PM	56.2	50.9	5.3	1.5	54.7	-	47.0	7.7
10:00 PM - 10:05 PM	56.0	54.3	1.7	4.5	-	54.5	45.3	9.2
10:05 PM - 10:10 PM	54.8	48.6	6.2	1.5	-	56.3	43.4	12.9
10:10 PM - 10:15 PM	53.6	47.6	6.0	1.5	-	55.1	43.7	11.4
10:15 PM - 10:20 PM	53.2	48.8	4.4	2.0	-	54.2	45.1	9.1
10:20 PM - 10:25 PM	53.4	53.3	0.1	7.0	-	49.4	45.5	3.9
10:25 PM - 10:30 PM	59.1	49.2	9.9	0.5	-	61.6	45.7	15.9
10:30 PM - 10:35 PM	52.4	49.4	3.0	3.0	-	52.4	46.0	6.4
10:35 PM - 10:40 PM	54.5	48.3	6.2	1.5	-	56.0	45.4	10.6
10:40 PM - 10:45 PM	60.8	48.6	12.2	0.5	-	63.3	45.3	18.0
10:45 PM - 10:50 PM	57.8	48.3	9.5	0.5	-	60.3	45.1	15.2
10:50 PM - 10:55 PM	57.5	47.7	9.8	0.5	-	60.0	46.6	13.4
10:55 PM - 11:00 PM	55.9	50.9	5.0	1.5	-	57.4	46.7	10.7
11:00 PM - 11:05 PM	53.5	50.7	2.8	3.0	-	53.5	46.9	6.6
11:05 PM - 11:10 PM	54.6	50.8	3.8	2.0	-	55.6	46.6	9.0
11:10 PM - 11:15 PM	53.1	48.9	4.2	1.5	-	56.8	47.0	9.8
11:15 PM - 11:20 PM	53.0	48.5	4.5	1.5	-	54.5	46.0	8.5
11:20 PM - 11:25 PM	54.2	49.0	5.2	1.5	-	55.7	45.6	10.1
11:25 PM - 11:30 PM	52.5	51.0	1.5	4.5	-	51.0	45.9	5.1
11:30 PM - 11:35 PM	54.6	47.6	7.0	1.0	-	56.6	45.6	11.0
11:35 PM - 11:40 PM	53.3	54.5	-1.2	7.0	-	49.3	48.0	1.3
11:40 PM - 11:45 PM	57.0	48.1	8.9	0.5	-	59.5	46.3	13.2
11:45 PM - 11:50 PM	57.2	49.3	7.9	2.0	-	54.2	46.1	8.1
11:50 PM - 11:55 PM	53.5	52.2	-0.7	7.0	-	47.5	45.6	1.9
11:55 PM - 12:00 AM	54.4	49.6	4.8	1.5	-	55.9	46.0	9.9
12:00 AM - 12:05 AM	55.6	47.8	7.8	0.5	-	58.1	46.5	11.6
12:05 AM - 12:10 AM	50.0	47.8	2.2	4.5	-	48.5	46.0	2.5
12:10 AM - 12:15 AM	51.5	47.0	4.5	1.5	-	53.0	44.5	8.5
12:15 AM - 12:20 AM	50.3	46.0	4.3	2.0	-	51.3	44.1	7.2
12:20 AM - 12:25 AM	48.8	46.3	0.5	7.0	-	44.8	45.0	-0.2

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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silm 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O : ภัยพิบัติ
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22133617
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report Number : 2518877-1

Sample No. : 22133617-13
Parameter : เสียงรบกวน
Location : N2 (หน้าบ้านหน้าโรงไฟฟ้า) (GPS 47P 0726181,1406270)
Measurement Date : Dec 01 - 02, 2022
Measurement by : Santi Chaichana
Sound Level Meter : 00734218

เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	ผลต่างระดับเสียง	ค่าปรับค่า	ปรับค่าเสียงจากแหล่งกำเนิด		เสียงที่ฐาน	ค่าระดับการรบกวน
					กลางคืน	กลางวัน		
03:45 AM - 03:50 AM	53.4	43.8	9.6	0.5	-	55.9	42.3	13.6
03:50 AM - 03:55 AM	46.9	48.1	-1.2	7.0	-	42.9	43.3	-0.4
03:55 AM - 04:00 AM	45.9	49.7	-3.8	7.0	-	41.9	45.9	-4.0
04:00 AM - 04:05 AM	48.8	49.5	-0.7	7.0	-	46.6	46.1	-0.5
04:05 AM - 04:10 AM	53.1	48.2	4.9	1.5	-	54.6	45.1	9.5
04:10 AM - 04:15 AM	50.8	46.8	4.0	2.0	-	51.8	45.2	6.6
04:15 AM - 04:20 AM	47.7	46.7	1.0	7.0	-	43.7	44.7	-1.0
04:20 AM - 04:25 AM	52.2	46.6	5.6	1.5	-	54.2	44.2	10.0
04:25 AM - 04:30 AM	52.7	46.4	6.3	1.5	-	54.2	42.1	12.1
04:30 AM - 04:35 AM	49.0	50.9	-1.9	7.0	-	45.0	44.6	0.4
04:35 AM - 04:40 AM	56.4	48.3	8.1	0.5	-	58.9	44.7	14.2
04:40 AM - 04:45 AM	45.5	48.0	-2.5	7.0	-	41.5	45.6	-4.1
04:45 AM - 04:50 AM	50.0	49.4	0.6	7.0	-	46.0	45.7	0.3
04:50 AM - 04:55 AM	50.0	49.7	0.3	7.0	-	46.0	46.7	-0.7
04:55 AM - 05:00 AM	50.6	51.4	-0.8	7.0	-	46.6	47.6	-1.0
05:00 AM - 05:05 AM	51.6	48.2	3.4	3.0	-	51.6	45.6	6.0
05:05 AM - 05:10 AM	48.7	51.0	-2.3	7.0	-	44.7	46.3	-1.6
05:10 AM - 05:15 AM	52.7	49.3	3.4	3.0	-	52.7	46.2	6.5
05:15 AM - 05:20 AM	53.6	51.0	2.6	3.0	-	53.6	45.9	7.7
05:20 AM - 05:25 AM	50.6	54.0	-3.4	7.0	-	46.6	46.1	0.5
05:25 AM - 05:30 AM	56.8	50.3	6.5	1.0	-	58.8	46.0	12.8
05:30 AM - 05:35 AM	51.5	52.8	-1.3	7.0	-	47.5	46.4	1.1
05:35 AM - 05:40 AM	58.3	48.3	10.0	1.0	-	60.3	46.7	13.6
05:40 AM - 05:45 AM	55.6	51.9	3.7	2.0	-	56.6	47.2	9.4
05:45 AM - 05:50 AM	54.7	52.3	2.4	4.5	-	53.2	47.0	6.2
05:50 AM - 05:55 AM	55.1	52.2	2.9	3.0	-	55.1	46.8	8.3
05:55 AM - 06:00 AM	56.4	54.9	1.5	4.5	-	54.9	47.3	7.6
06:00 AM - 07:00 AM	60.5	55.2	5.3	1.5	59.0	-	41.5	17.5
07:00 AM - 08:00 AM	61.9	55.6	6.3	1.5	60.4	-	47.7	12.7
08:00 AM - 09:00 AM	58.7	54.2	4.5	1.5	57.2	-	45.2	12.0
09:00 AM - 10:00 AM	56.8	50.9	5.9	1.5	55.3	-	41.7	13.6
10:00 AM - 11:00 AM	57.2	51.2	6.0	1.5	55.7	-	42.8	12.7

Reference Method : Based on ISO 1996-1 and ISO 1996-2

หมายเหตุ

1. ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่คาดการณ์จากการประกอบกิจการโรงงาน พ.ศ. 2548
2. ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่คาดการณ์จากการประกอบกิจการโรงงาน พ.ศ. 2553
3. ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่คาดการณ์จากการประกอบกิจการโรงงาน พ.ศ. 2561

ระดับเสียงรบกวนและระดับเสียงที่คาดการณ์การรบกวน (Sample No.22133617-13 วันที่ตรวจ 01-02 ธันวาคม 2565)

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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silm 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O : ภัยพิบัติ
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22133617
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report Number : 2518877-1

Sample No. : 22133617-13
Parameter : เสียงรบกวน
Location : N2 (หน้าบ้านหน้าโรงไฟฟ้า) (GPS 47P 0726181,1406270)
Measurement Date : Dec 01 - 02, 2022
Measurement by : Santi Chaichana
Sound Level Meter : 00734218

เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	ผลต่างระดับเสียง	ค่าปรับค่า	ปรับค่าเสียงจากแหล่งกำเนิด		เสียงที่ฐาน	ค่าระดับการรบกวน
					กลางคืน	กลางวัน		
12:25 AM - 12:30 AM	51.1	47.6	3.5	2.0	-	52.1	45.8	6.3
12:30 AM - 12:35 AM	50.3	46.6	3.7	2.0	-	51.3	45.8	5.5
12:35 AM - 12:40 AM	46.2	49.8	-3.6	7.0	-	42.2	45.3	-3.1
12:40 AM - 12:45 AM	53.8	47.9	5.9	1.5	-	55.7	44.8	10.9
12:45 AM - 12:50 AM	48.9	50.1	-1.2	7.0	-	44.9	44.3	0.6
12:50 AM - 12:55 AM	47.7	47.9	-0.2	7.0	-	43.7	43.8	-0.1
12:55 AM - 01:00 AM	53.4	48.7	4.7	1.0	-	57.4	42.9	14.5
01:00 AM - 01:05 AM	50.7	46.5	4.2	2.0	-	51.7	42.8	8.8
01:05 AM - 01:10 AM	50.0	43.1	6.9	1.0	-	52.0	42.2	9.8
01:10 AM - 01:15 AM	47.6	45.0	2.6	3.0	-	47.6	43.3	4.3
01:15 AM - 01:20 AM	43.7	45.4	-1.7	7.0	-	39.7	43.5	-3.8
01:20 AM - 01:25 AM	46.8	52.3	-5.5	7.0	-	42.6	42.9	-0.3
01:25 AM - 01:30 AM	57.1	43.7	13.4	0.0	-	60.1	42.7	17.4
01:30 AM - 01:35 AM	44.4	47.5	-3.1	7.0	-	40.4	44.1	-3.7
01:35 AM - 01:40 AM	47.0	46.8	0.2	7.0	-	43.0	43.5	-0.5
01:40 AM - 01:45 AM	52.1	46.5	5.6	1.5	-	53.6	42.9	10.7
01:45 AM - 01:50 AM	48.6	46.5	2.1	4.5	-	47.1	43.1	4.0
01:50 AM - 01:55 AM	44.8	45.5	-0.7	7.0	-	40.8	42.1	-1.3
01:55 AM - 02:00 AM	51.0	44.5	6.5	1.0	-	53.0	42.7	10.3
02:00 AM - 02:05 AM	45.9	44.3	1.6	4.5	-	44.4	42.6	1.8
02:05 AM - 02:10 AM	46.9	51.5	-4.6	7.0	-	42.9	42.7	0.2
02:10 AM - 02:15 AM	54.0	49.2	4.8	1.5	-	55.5	43.2	12.3
02:15 AM - 02:20 AM	51.9	46.1	5.8	0.5	-	56.4	44.4	12.0
02:20 AM - 02:25 AM	52.8	46.8	6.0	1.5	-	54.3	45.8	8.5
02:25 AM - 02:30 AM	47.6	48.2	-0.6	7.0	-	43.6	45.8	-2.2
02:30 AM - 02:35 AM	50.6	47.6	3.0	2.0	-	51.6	45.0	6.6
02:35 AM - 02:40 AM	56.7	45.4	11.3	4.5	-	49.2	46.0	3.2
02:40 AM - 02:45 AM	52.0	48.7	3.3	3.0	-	52.0	46.5	5.5
02:45 AM - 02:50 AM	49.5	49.5	0.0	7.0	-	45.5	46.4	-0.9
02:50 AM - 02:55 AM	51.7	47.7	4.0	2.0	-	52.7	45.9	6.8
02:55 AM - 03:00 AM	50.3	50.3	0.0	7.0	-	48.8	43.7	5.1
03:00 AM - 03:05 AM	53.1	44.8	8.3	0.5	-	55.6	42.8	12.8
03:05 AM - 03:10 AM	44.8	43.5	1.3	7.0	-	40.8	42.3	-1.5
03:10 AM - 03:15 AM	45.0	45.5	-0.5	7.0	-	41.0	42.5	-1.5
03:15 AM - 03:20 AM	50.3	46.7	3.6	2.0	-	51.3	42.7	8.7
03:20 AM - 03:25 AM	51.7	45.0	6.7	1.0	-	53.7	41.2	12.5
03:25 AM - 03:30 AM	49.0	45.8	3.2	3.0	-	49.0	41.8	7.2
03:30 AM - 03:35 AM	49.8	47.3	2.5	3.0	-	49.8	43.1	6.7
03:35 AM - 03:40 AM	50.6	45.4	5.2	1.5	-	52.1	44.4	8.7
03:40 AM - 03:45 AM	48.2	49.3	-1.1	7.0	-	44.9	42.0	2.9



Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : สัญญาจ้าง
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22133617
Date Received :Dec 06, 2022
Date Reported :Dec 15, 2022
Report Number : 2518878-1

Sample No. 22133617-14
Parameter เลื่อนกรวน
Location N2 (หน้าบ้านท่าเรือ) (GPS 47P 0726181,1406270)
Measurement Date Dec 02 - 03, 2022
Measurement by Santi Chaichana
Sound Level Meter 00734218

Page 2 of 3

เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	ผลต่างระดับเสียง	ค่าปรับค่า	ปรับค่าเสียงจากแหล่งกำเนิด		เสียงที่ฐาน	ค่าระดับการรบกวน
					กลางคืน	กลางวัน		
12:25 AM - 12:30 AM	53.1	46.5	6.6	1.0	-	55.3	41.7	13.6
12:30 AM - 12:35 AM	52.8	46.1	6.7	1.0	-	54.8	41.8	13.0
12:35 AM - 12:40 AM	51.4	45.9	5.5	1.5	-	52.9	41.6	11.3
12:40 AM - 12:45 AM	50.8	45.3	5.5	1.5	-	49.3	41.1	8.2
12:45 AM - 12:50 AM	52.8	46.1	6.7	1.0	-	55.3	42.8	12.5
12:50 AM - 12:55 AM	46.8	44.9	1.9	4.5	-	45.3	42.6	2.7
12:55 AM - 01:00 AM	51.1	45.2	5.9	1.5	-	52.6	43.7	8.9
01:00 AM - 01:05 AM	53.1	46.2	6.9	3.0	-	53.1	43.2	9.9
01:05 AM - 01:10 AM	56.7	46.8	9.9	0.5	-	59.2	44.0	15.2
01:10 AM - 01:15 AM	46.0	46.3	-0.3	7.0	-	42.0	43.8	-1.8
01:15 AM - 01:20 AM	47.5	45.8	1.7	4.5	-	46.0	44.1	1.9
01:20 AM - 01:25 AM	52.8	48.0	-4.8	1.5	-	54.3	43.3	11.0
01:25 AM - 01:30 AM	54.9	45.8	9.1	0.5	-	57.4	42.7	14.7
01:30 AM - 01:35 AM	46.9	45.9	1.0	7.0	-	42.9	42.0	0.9
01:35 AM - 01:40 AM	53.1	45.3	7.8	0.5	-	55.6	40.5	15.1
01:40 AM - 01:45 AM	50.9	45.1	5.8	0.5	-	53.4	39.9	13.5
01:45 AM - 01:50 AM	49.4	42.9	6.5	1.0	-	51.4	40.1	11.3
01:50 AM - 01:55 AM	46.4	53.2	-6.8	7.0	-	42.4	40.8	1.6
01:55 AM - 02:00 AM	54.4	43.6	10.8	0.5	-	56.9	41.7	15.2
02:00 AM - 02:05 AM	44.8	47.5	-2.7	7.0	-	40.8	40.8	0.0
02:05 AM - 02:10 AM	55.5	46.7	8.8	0.5	-	58.0	40.9	17.1
02:10 AM - 02:15 AM	44.4	48.1	-3.7	7.0	-	40.4	40.9	-0.5
02:15 AM - 02:20 AM	60.4	42.5	17.9	0.0	-	63.4	41.1	22.3
02:20 AM - 02:25 AM	42.0	48.1	-6.1	7.0	-	38.0	42.4	-4.4
02:25 AM - 02:30 AM	50.8	48.4	2.4	4.5	-	49.3	41.9	7.4
02:30 AM - 02:35 AM	51.7	45.1	6.6	1.0	-	53.7	42.0	11.7
02:35 AM - 02:40 AM	53.0	46.7	6.3	1.5	-	54.5	41.1	13.4
02:40 AM - 02:45 AM	50.3	45.5	4.8	1.5	-	51.8	42.0	9.8
02:45 AM - 02:50 AM	48.5	47.3	1.2	7.0	-	44.5	43.2	1.3
02:50 AM - 02:55 AM	51.7	44.8	6.9	1.0	-	53.7	43.4	10.3
02:55 AM - 03:00 AM	50.9	43.7	7.2	1.0	-	52.9	42.2	10.7
03:00 AM - 03:05 AM	47.8	43.2	4.6	1.5	-	49.3	41.5	7.8
03:05 AM - 03:10 AM	46.1	42.5	3.6	2.0	-	47.1	41.0	6.1
03:10 AM - 03:15 AM	43.4	45.6	-2.2	7.0	-	39.4	43.2	-3.8
03:15 AM - 03:20 AM	50.7	45.5	5.2	1.5	-	52.2	43.2	9.0
03:20 AM - 03:25 AM	49.3	45.8	3.5	2.0	-	50.3	43.2	7.0
03:25 AM - 03:30 AM	47.0	44.6	2.4	4.5	-	45.5	43.8	1.7
03:30 AM - 03:35 AM	46.9	47.0	-0.1	7.0	-	42.9	43.9	-1.0
03:35 AM - 03:40 AM	48.8	46.8	2.0	4.5	-	47.3	43.4	3.9
03:40 AM - 03:45 AM	44.1	43.6	0.5	7.0	-	40.1	43.3	-3.2

The above results are valid only for the analyzed/checked sample(s) as indicated in this report. No part of this report, including the data, may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) hereby recommends that this report is not reproduced except in full.

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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : สัญญาจ้าง
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22133617
Date Received :Dec 06, 2022
Date Reported :Dec 15, 2022
Report Number : 2518878-1

Sample No. 22133617-14
Parameter เลื่อนกรวน
Location N2 (หน้าบ้านท่าเรือ) (GPS 47P 0726181,1406270)
Measurement Date Dec 02 - 03, 2022
Measurement by Santi Chaichana
Sound Level Meter 00734218

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เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	ผลต่างระดับเสียง	ค่าปรับค่า	ปรับค่าเสียงจากแหล่งกำเนิด		เสียงที่ฐาน	ค่าระดับการรบกวน
					กลางคืน	กลางวัน		
03:45 AM - 03:50 AM	53.0	44.0	-1.0	7.0	-	39.0	41.9	-2.9
03:50 AM - 03:55 AM	43.8	42.9	0.9	7.0	-	39.8	41.7	-1.9
03:55 AM - 04:00 AM	46.3	44.9	1.4	7.0	-	42.3	42.6	-0.3
04:00 AM - 04:05 AM	46.1	45.7	-0.8	7.0	-	42.1	42.3	-0.2
04:05 AM - 04:10 AM	50.5	43.4	7.1	1.0	-	52.5	41.8	10.7
04:10 AM - 04:15 AM	44.7	46.3	-1.6	7.0	-	41.0	42.6	-1.6
04:15 AM - 04:20 AM	47.5	44.9	2.6	3.0	-	47.5	43.9	3.5
04:20 AM - 04:25 AM	45.8	44.1	1.7	7.0	-	41.8	43.1	-1.3
04:25 AM - 04:30 AM	45.6	45.8	-0.2	7.0	-	41.6	44.0	-2.4
04:30 AM - 04:35 AM	45.8	46.5	-0.7	7.0	-	41.8	43.9	-2.1
04:35 AM - 04:40 AM	46.0	47.1	-1.1	7.0	-	42.9	44.7	-1.8
04:40 AM - 04:45 AM	49.9	49.1	-0.1	7.0	-	45.0	44.1	0.9
04:45 AM - 04:50 AM	53.1	52.5	0.6	7.0	-	49.1	45.0	4.1
04:50 AM - 04:55 AM	53.8	46.5	7.3	1.0	-	55.8	44.6	11.2
04:55 AM - 05:00 AM	55.9	47.4	8.5	0.5	-	58.4	44.7	13.7
05:00 AM - 05:05 AM	46.5	47.2	-0.7	7.0	-	42.5	45.2	-2.7
05:05 AM - 05:10 AM	51.3	48.2	3.1	3.0	-	51.3	45.0	6.3
05:10 AM - 05:15 AM	46.8	47.5	-0.7	7.0	-	42.8	44.7	-1.9
05:15 AM - 05:20 AM	48.6	47.5	1.1	7.0	-	44.6	44.1	0.5
05:20 AM - 05:25 AM	51.7	47.5	4.2	2.0	-	52.7	45.0	7.7
05:25 AM - 05:30 AM	50.4	53.5	-3.1	7.0	-	46.4	46.1	-0.3
05:30 AM - 05:35 AM	58.6	49.5	9.1	0.5	-	61.1	45.8	15.3
05:35 AM - 05:40 AM	54.3	49.6	4.7	1.5	-	55.8	45.6	10.2
05:40 AM - 05:45 AM	52.8	51.8	1.0	7.0	-	48.8	46.0	2.8
05:45 AM - 05:50 AM	54.7	51.3	3.4	3.0	-	54.7	46.4	8.3
05:50 AM - 05:55 AM	54.9	51.7	3.2	3.0	-	54.9	46.6	8.3
05:55 AM - 06:00 AM	55.2	55.6	-0.4	7.0	-	51.2	46.2	5.0
06:00 AM - 07:00 AM	59.6	54.3	5.3	1.5	58.1	-	46.8	11.3
07:00 AM - 08:00 AM	60.8	55.5	5.3	1.5	59.3	-	46.5	12.8
08:00 AM - 09:00 AM	59.4	55.1	4.3	2.0	57.4	-	44.6	12.8
09:00 AM - 10:00 AM	58.6	54.1	4.5	2.0	57.1	-	44.9	12.7
10:00 AM - 11:00 AM	57.4	55.1	2.3	4.5	52.9	-	47.2	5.7
ค่าเฉลี่ยฐาน								≤ 10

Reference Method : Based on ISO 1996-1 and ISO 1996-2

1. ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่คาดการณ์การรบกวนของอาคารโรงงาน พ.ศ. 2548
2. ประกาศกระทรวงอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงการรบกวนของอาคารโรงงาน พ.ศ. 2553
3. ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าของเสียงที่คาดหมายจากกิจกรรมการรบกวนของอาคารเป็นข้อมูลของอาคาร พ.ศ. 2561

ระดับเสียงฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No.22133750-14 วันที่ตรวจวัด 02-03 มีนาคม 2565)

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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
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Thailand 10500

P/O : สัญญาจ้าง
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22133617
Date Received :Dec 06, 2022
Date Reported :Dec 15, 2022
Report Number : 2518879-1

Sample No. 22133617-15
Parameter เลื่อนกรวน
Location N3 (หน้ารถตู้) (GPS 47P 0730757,1407391)
Measurement Date Nov 26 - 27, 2022
Measurement by Santi Chaichana
Sound Level Meter 00472127

Page 1 of 3

เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	ผลต่างระดับเสียง	ค่าปรับค่า	ปรับค่าเสียงจากแหล่งกำเนิด		เสียงที่ฐาน	ค่าระดับการรบกวน
					กลางคืน	กลางวัน		
10:00 AM - 11:00 AM	49.2	55.1	-5.9	7.0	42.2	-	48.4	-6.2
11:00 AM - 12:00 PM	47.6	61.4	-13.8	7.0	40.6	-	57.3	-16.7
12:00 PM - 01:00 PM	61.9	55.0	6.9	1.0	60.9	-	48.3	12.6
01:00 PM - 02:00 PM	52.2	61.3	-9.1	7.0	50.2	-	57.2	-7.0
02:00 PM - 03:00 PM	50.1	51.2	-1.1	7.0	43.1	-	47.7	-4.6
03:00 PM - 04:00 PM	50.6	53.9	-3.3	7.0	43.6	-	45.3	-1.7
04:00 PM - 05:00 PM	53.5	49.9	3.6	2.0	51.5	-	45.0	6.5
05:00 PM - 06:00 PM	51.8	53.6	-1.8	7.0	44.8	-	46.8	-2.0
06:00 PM - 07:00 PM	54.2	52.9	1.3	7.0	47.2	-	49.4	-2.2
07:00 PM - 08:00 PM	59.2	52.9	6.3	1.5	57.7	-	49.4	8.3
08:00 PM - 09:00 PM	58.2	53.0	5.2	1.5	56.7	-	49.4	7.3
09:00 PM - 10:00 PM	52.4	53.9	-1.5	7.0	55.9	-	47.4	8.5
10:00 PM - 10:05 PM	56.8	50.5	5.9	1.5	-	58.3	47.5	10.8
10:05 PM - 10:10 PM	56.8	51.2	5.6	1.5	-	58.3	47.8	10.5
10:10 PM - 10:15 PM	56.8	49.8	7.0	1.0	-	58.8	47.0	11.8
10:15 PM - 10:20 PM	57.9	49.5	7.5	0.5	-	59.5	46.3	13.2
10:20 PM - 10:25 PM	56.9	54.0	2.9	3.0	-	56.9	48.4	8.5
10:25 PM - 10:30 PM	57.1	50.0	7.1	1.0	-	59.1	47.6	11.5
10:30 PM - 10:35 PM	57.0	51.6	5.4	1.5	-	58.5	46.8	11.7
10:35 PM - 10:40 PM	56.8	51.5	5.3	1.5	-	58.3	47.7	10.6
10:40 PM - 10:45 PM	56.6	49.6	7.0	1.0	-	58.6	46.3	12.3
10:45 PM - 10:50 PM	56.4	50.7	5.7	1.5	-	57.9	47.5	10.4
10:50 PM - 10:55 PM	56.5	51.7	4.8	1.5	-	58.0	47.7	10.7
10:55 PM - 11:00 PM	56.4	50.5	5.9	1.5	-	57.9	45.8	12.1
11:00 PM - 11:05 PM	56.4	50.9	5.5	1.5	-	57.9	46.7	11.5
11:05 PM - 11:10 PM	56.4	49.3	7.1	1.0	-	58.4	47.2	11.2
11:10 PM - 11:15 PM	56.3	49.4	6.9	1.0	-	58.3	46.7	11.6
11:15 PM - 11:20 PM	56.4	49.1	7.3	1.0	-	58.4	46.7	11.7
11:20 PM - 11:25 PM	56.5	49.9	6.6	1.0	-	58.5	45.4	13.1
11:25 PM - 11:30 PM	56.4	49.0	7.4	1.0	-	58.4	46.3	12.1
11:30 PM - 11:35 PM	56.5	50.8	5.7	1.5	-	58.0	45.7	12.3
11:35 PM - 11:40 PM	56.4	51.0	5.4	1.5	-	57.9	47.8	10.1
11:40 PM - 11:45 PM	56.4	49.9	6.5	1.0	-	58.4	47.3	11.1
11:45 PM - 11:50 PM	56.4	53.1	3.3	1.0	-	56.4	48.0	8.4
11:50 PM - 11:55 PM	56.3	50.2	6.1	1.5	-	57.8	48.2	8.6
11:55 PM - 12:00 AM	56.1	51.5	4.6	1.5	-	57.6	44.7	12.9
12:00 AM - 12:05 AM	56.0	51.1	4.9	0.5	-	58.5	43.3	15.2
12:05 AM - 12:10 AM	56.1	48.7	7.4	1.0	-	58.1	45.6	12.5
12:10 AM - 12:15 AM	56.4	48.5	7.9	1.0	-	58.9	44.9	14.0
12:15 AM - 12:20 AM	47.5	6.4	0.5	-	-	58.4	44.3	14.1



Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
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Thailand 10500
P/O : ภัยพิบัติ
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22133617
Date Received :Dec 06, 2022
Date Reported :Dec 15, 2022
Report Number : 2518890-1

Sample No. 22133617-15
Parameter เลื่อนกรวน
Location N3 (ทรานซูเจน) (GPS 47P 0730757,1407391)
Measurement Date Nov 26 - 27, 2022
Measurement by Santi Chaichana
Sound Level Meter 00472127

เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีกิจกรรม	ระดับเสียง (dB(A))		เสียงที่เกินค่าเฉลี่ยจากแหล่งกำเนิด	เสียงที่เกินค่าเฉลี่ยจากแหล่งกำเนิด	ค่าระดับการรบกวน
			แหล่งกำเนิด	ตัวรับ	ค่าเฉลี่ย	ค่าเฉลี่ย	
03:40 AM - 03:45 AM	53.6	45.5	8.1	0.5	-	56.1	41.4
03:45 AM - 03:50 AM	54.2	47.1	7.1	1.0	-	56.2	41.3
03:50 AM - 03:55 AM	53.5	46.6	6.9	1.0	-	55.5	40.8
03:55 AM - 04:00 AM	48.1	45.9	2.2	4.5	-	46.6	41.6
04:00 AM - 04:05 AM	48.3	46.1	2.2	4.5	-	46.8	40.9
04:05 AM - 04:10 AM	47.3	45.5	1.8	4.5	-	45.8	40.5
04:10 AM - 04:15 AM	47.6	43.5	4.1	2.0	-	48.6	40.8
04:15 AM - 04:20 AM	47.3	48.7	-1.4	7.0	-	43.1	40.7
04:20 AM - 04:25 AM	47.8	48.7	-0.9	7.0	-	43.8	41.7
04:25 AM - 04:30 AM	49.1	49.0	0.1	7.0	-	45.1	41.4
04:30 AM - 04:35 AM	50.6	48.1	2.5	3.0	-	50.6	41.2
04:35 AM - 04:40 AM	49.3	47.7	1.6	4.5	-	47.8	41.8
04:40 AM - 04:45 AM	51.0	47.9	3.1	3.0	-	51.0	40.8
04:45 AM - 04:50 AM	48.2	43.4	4.8	1.5	-	49.7	40.7
04:50 AM - 04:55 AM	48.3	49.9	-1.6	7.0	-	44.3	42.4
04:55 AM - 05:00 AM	48.6	47.6	1.0	7.0	-	44.6	41.2
05:00 AM - 05:05 AM	49.2	50.8	-1.6	7.0	-	45.2	44.7
05:05 AM - 05:10 AM	49.1	47.5	1.6	4.5	-	47.6	42.9
05:10 AM - 05:15 AM	49.7	48.2	1.5	4.5	-	48.2	42.9
05:15 AM - 05:20 AM	50.0	44.4	5.6	1.5	-	51.5	42.5
05:20 AM - 05:25 AM	49.3	44.9	4.4	2.0	-	50.3	42.3
05:25 AM - 05:30 AM	48.9	44.9	4.0	2.0	-	49.9	42.2
05:30 AM - 05:35 AM	50.8	46.6	4.2	2.0	-	51.8	42.2
05:35 AM - 05:40 AM	47.8	45.7	2.1	4.5	-	46.3	42.1
05:40 AM - 05:45 AM	59.3	46.1	13.2	0.0	-	62.3	42.9
05:45 AM - 05:50 AM	50.6	46.5	4.1	2.0	-	51.6	44.2
05:50 AM - 05:55 AM	55.5	57.4	-2.1	7.0	-	51.5	45.0
05:55 AM - 06:00 AM	57.4	54.8	2.6	3.0	-	57.4	44.0
06:00 AM - 07:00 AM	52.1	54.7	-2.6	7.0	-	45.1	-
07:00 AM - 08:00 AM	49.7	50.6	-0.9	7.0	-	46.5	-
08:00 AM - 09:00 AM	52.1	51.1	1.0	0.5	-	46.9	-
09:00 AM - 10:00 AM	57.5	53.0	4.5	1.5	-	56.0	-

Reference Method : Based on ISO 1996-1 and ISO 1996-2

หมายเหตุ

1. โปรดตรวจสอบข้อมูลก่อนการพิมพ์ โดยกำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่คาดการณ์จากแหล่งกำเนิดการรบกวน พ.ศ. 2548
2. โปรดตรวจสอบข้อมูลก่อนการพิมพ์ โดยกำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่คาดการณ์จากแหล่งกำเนิดการรบกวน พ.ศ. 2553
3. โปรดตรวจสอบข้อมูลก่อนการพิมพ์ โดยกำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่คาดการณ์จากแหล่งกำเนิดการรบกวน พ.ศ. 2561

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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silo 3) Asia Sermik Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O : ภัยพิบัติ
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22133617
Date Received :Dec 06, 2022
Date Reported :Dec 15, 2022
Report Number : 2518890-1

Sample No. 22133617-16
Parameter เลื่อนกรวน
Location N3 (ทรานซูเจน) (GPS 47P 0730757,1407391)
Measurement Date Nov 27 - 28, 2022
Measurement by Santi Chaichana
Sound Level Meter 00472127

เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีกิจกรรม	ระดับเสียง (dB(A))		เสียงที่เกินค่าเฉลี่ยจากแหล่งกำเนิด	เสียงที่เกินค่าเฉลี่ยจากแหล่งกำเนิด	ค่าระดับการรบกวน
			แหล่งกำเนิด	ตัวรับ	ค่าเฉลี่ย	ค่าเฉลี่ย	
10:00 AM - 11:00 AM	56.1	55.4	0.7	7.0	-	49.1	-
11:00 AM - 12:00 PM	53.3	51.0	2.3	4.5	-	45.5	-
12:00 PM - 01:00 PM	50.2	50.0	0.2	7.0	-	43.2	-
01:00 PM - 02:00 PM	50.2	50.1	0.1	7.0	-	44.7	-
02:00 PM - 03:00 PM	50.3	48.0	2.3	4.5	-	45.8	-
03:00 PM - 04:00 PM	49.1	48.0	1.1	7.0	-	42.1	-
04:00 PM - 05:00 PM	48.4	48.1	0.3	7.0	-	41.4	-
05:00 PM - 06:00 PM	50.9	51.9	-1.0	7.0	-	43.9	-
06:00 PM - 07:00 PM	52.2	53.3	-1.1	7.0	-	45.2	-
07:00 PM - 08:00 PM	53.5	51.9	1.6	4.5	-	49.0	-
08:00 PM - 09:00 PM	55.9	52.7	3.2	2.0	-	53.9	-
09:00 PM - 10:00 PM	55.3	50.8	4.5	1.5	-	47.3	-
10:00 PM - 10:05 PM	54.5	48.6	5.9	1.5	-	56.0	-
10:05 PM - 10:10 PM	53.7	47.5	6.2	1.5	-	55.2	-
10:10 PM - 10:15 PM	53.9	48.3	5.6	1.5	-	55.4	-
10:15 PM - 10:20 PM	54.3	49.3	5.0	1.5	-	55.8	-
10:20 PM - 10:25 PM	53.9	50.3	3.6	2.0	-	54.9	-
10:25 PM - 10:30 PM	53.6	49.5	4.1	2.0	-	54.6	-
10:30 PM - 10:35 PM	53.6	49.5	4.1	2.0	-	54.6	-
10:35 PM - 10:40 PM	53.7	49.7	4.0	2.0	-	54.7	-
10:40 PM - 10:45 PM	54.2	49.7	4.5	1.5	-	55.7	-
10:45 PM - 10:50 PM	54.0	48.6	5.4	1.5	-	55.5	-
10:50 PM - 10:55 PM	54.8	48.6	7.0	1.0	-	57.8	-
10:55 PM - 11:00 PM	55.9	47.6	8.3	0.5	-	58.4	-
11:00 PM - 11:05 PM	56.5	56.1	0.4	7.0	-	52.5	-
11:05 PM - 11:10 PM	56.5	54.6	1.9	4.5	-	55.0	-
11:10 PM - 11:15 PM	56.3	47.4	8.9	0.5	-	58.8	-
11:15 PM - 11:20 PM	54.1	58.4	-4.3	7.0	-	50.1	-
11:20 PM - 11:25 PM	53.9	47.7	6.2	1.5	-	55.4	-
11:25 PM - 11:30 PM	54.5	47.1	7.2	1.0	-	56.5	-
11:30 PM - 11:35 PM	47.3	47.5	6.4	1.5	-	55.2	-
11:35 PM - 11:40 PM	53.1	48.3	4.8	1.5	-	54.6	-
11:40 PM - 11:45 PM	53.6	47.0	6.6	1.0	-	55.6	-
11:45 PM - 11:50 PM	53.5	45.9	7.6	0.5	-	56.0	-
11:50 PM - 11:55 PM	53.3	45.8	7.5	0.5	-	55.8	-
11:55 PM - 12:00 AM	53.3	51.6	1.7	4.5	-	51.8	-
12:00 AM - 12:05 AM	53.4	46.2	7.2	1.0	-	55.4	-
12:05 AM - 12:10 AM	53.1	48.8	4.7	2.0	-	54.1	-
12:10 AM - 12:15 AM	53.0	48.7	4.3	2.0	-	54.0	-
12:15 AM - 12:20 AM	53.1	47.6	5.5	1.5	-	54.6	-

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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silo 3) Asia Sermik Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O : ภัยพิบัติ
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22133617
Date Received :Dec 06, 2022
Date Reported :Dec 15, 2022
Report Number : 2518880-1

Sample No. 22133617-16
Parameter เลื่อนกรวน
Location N3 (ทรานซูเจน) (GPS 47P 0730757,1407391)
Measurement Date Nov 27 - 28, 2022
Measurement by Santi Chaichana
Sound Level Meter 00472127

เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีกิจกรรม	ระดับเสียง (dB(A))		เสียงที่เกินค่าเฉลี่ยจากแหล่งกำเนิด	เสียงที่เกินค่าเฉลี่ยจากแหล่งกำเนิด	ค่าระดับการรบกวน
			แหล่งกำเนิด	ตัวรับ	ค่าเฉลี่ย	ค่าเฉลี่ย	
12:20 AM - 12:25 AM	53.2	50.2	3.0	3.0	-	53.2	45.8
12:25 AM - 12:30 AM	53.1	49.5	3.6	2.0	-	54.1	45.2
12:30 AM - 12:35 AM	53.2	49.8	3.4	3.0	-	53.2	44.9
12:35 AM - 12:40 AM	53.1	48.9	4.2	2.0	-	54.1	45.1
12:40 AM - 12:45 AM	53.0	48.0	5.0	1.5	-	54.5	44.5
12:45 AM - 12:50 AM	53.0	48.1	4.9	1.5	-	54.5	44.2
12:50 AM - 12:55 AM	48.8	49.3	-0.5	7.0	-	44.8	45.6
12:55 AM - 01:00 AM	44.0	48.8	-4.8	7.0	-	40.0	44.5
01:00 AM - 01:05 AM	44.0	48.6	-4.6	7.0	-	40.0	44.5
01:05 AM - 01:10 AM	44.4	50.4	-6.0	7.0	-	40.4	46.6
01:10 AM - 01:15 AM	43.9	49.6	-5.7	7.0	-	39.9	44.4
01:15 AM - 01:20 AM	44.4	49.2	-4.8	7.0	-	40.4	43.7
01:20 AM - 01:25 AM	44.3	49.9	-5.6	7.0	-	40.3	45.0
01:25 AM - 01:30 AM	43.9	50.4	-6.5	7.0	-	39.9	45.5
01:30 AM - 01:35 AM	48.1	51.7	-3.6	7.0	-	44.1	42.8
01:35 AM - 01:40 AM	43.5	47.7	-4.2	7.0	-	39.5	42.2
01:40 AM - 01:45 AM	43.9	51.1	-7.2	7.0	-	39.9	43.0
01:45 AM - 01:50 AM	43.8	48.4	-4.6	7.0	-	39.8	42.7
01:50 AM - 01:55 AM	43.8	48.6	-4.8	7.0	-	39.8	43.0
01:55 AM - 02:00 AM	43.9	56.3	-12.4	7.0	-	39.9	46.9
02:00 AM - 02:05 AM	44.5	49.9	-5.4	7.0	-	40.5	43.4
02:05 AM - 02:10 AM	50.7	50.7	0.0	7.0	-	46.7	43.7
02:10 AM - 02:15 AM	51.7	51.7	0.0	7.0	-	47.7	43.9
02:15 AM - 02:20 AM	53.2	51.1	2.1	4.5	-	51.7	44.5
02:20 AM - 02:25 AM	53.6	48.7	4.9	1.5	-	55.1	42.5
02:25 AM - 02:30 AM	53.5	47.8	5.7	1.5	-	55.0	41.5
02:30 AM - 02:35 AM	54.3	48.0	6.3	0.5	-	56.8	41.4
02:35 AM - 02:40 AM	55.0	45.9	9.1	0.5	-	55.5	42.3
02:40 AM - 02:45 AM	54.8	44.5	10.3	0.5	-	57.3	40.1
02:45 AM - 02:50 AM	54.7	48.6	6.7	1.0	-	56.7	42.2
02:50 AM - 02:55 AM	54.6	47.1	7.5	0.5	-	57.1	44.9
02:55 AM - 03:00 AM	54.6	46.4	8.2	0.5	-	57.1	42.0
03:00 AM - 03:05 AM	54.6	47.2	7.4	1.0	-	56.6	41.7
03:05 AM - 03:10 AM	54.6	45.7	8.9	0.5	-	57.1	41.7
03:10 AM - 03:15 AM	55.1	45.6	9.5	0.5	-	57.6	41.2
03:15 AM - 03:20 AM	55.1	42.6	12.5	0.0	-	58.1	40.3
03:20 AM - 03:25 AM	61.0	49.3	11.7	0.5	-	63.5	40.8
03:25 AM - 03:30 AM	55.4	51.3	4.1	2.0	-	56.4	41.5
03:30 AM - 03:35 AM	55.4	51.6	3.8	2.0	-	56.1	42.4
03:35 AM - 03:40 AM	53.6	60.1	-6.5	7.0	-	49.6	42.6

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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silo 3) Asia Sermik Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O : ภัยพิบัติ
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22133617
Date Received :Dec 06, 2022
Date Reported :Dec 15, 2022
Report Number : 2518880-1

Sample No. 22133617-16
Parameter เลื่อนกรวน
Location N3 (ทรานซูเจน) (GPS 47P 0730757,1407391)
Measurement Date Nov 27 - 28, 2022
Measurement by Santi Chaichana
Sound Level Meter 00472127

เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีกิจกรรม	ระดับเสียง (dB(A))	
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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O : ญุฑฑาญา
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22133617
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report Number : 2518881-1

Page 1 of 3

Sample No. : 22133617-17
Parameter : เสียงรบกวน
Location : N3 (สนามหญ้า) (GPS 47P 0730757, 1407391)
Measurement Date : Nov 28 - 29, 2022
Measurement by : Santi Chaichana
Sound Level Meter : 00472127

เวลา	เสียงจากแหล่งกำเนิด	เสียงรบกวนไม่มีการรบกวน	ผลต่างระดับเสียง	ตัวปรับค่า	ปรับค่าเสียงจากแหล่งกำเนิด		เสียงที่ฐาน	ค่าระดับการรบกวน
					กลางคืน	กลางวัน		
10:00 AM - 11:00 AM	52.0	55.8	-3.8	7.0	45.0	-	53.9	-8.9
11:00 AM - 12:00 PM	56.1	51.4	4.7	1.5	54.6	-	45.9	8.7
12:00 PM - 01:00 PM	54.6	50.4	4.2	2.0	52.6	-	45.7	6.9
01:00 PM - 02:00 PM	46.8	50.5	-3.7	7.0	39.8	-	45.1	-5.3
02:00 PM - 03:00 PM	53.8	48.4	5.4	1.5	52.3	-	42.8	9.5
03:00 PM - 04:00 PM	59.9	48.4	11.5	0.5	59.4	-	42.2	17.2
04:00 PM - 05:00 PM	53.3	48.5	4.8	1.5	51.8	-	41.1	8.7
05:00 PM - 06:00 PM	55.6	52.3	3.3	3.0	52.6	-	43.4	6.8
06:00 PM - 07:00 PM	54.3	53.7	0.6	7.0	47.3	-	48.1	-0.8
07:00 PM - 08:00 PM	53.5	52.3	1.2	7.0	46.5	-	49.2	-2.7
08:00 PM - 09:00 PM	54.2	52.6	1.6	4.5	49.7	-	46.3	3.1
09:00 PM - 10:00 PM	48.9	51.2	-2.3	7.0	41.9	-	47.7	-5.8
10:00 PM - 10:05 PM	48.7	49.0	-0.3	7.0	-	-	44.7	-1.4
10:05 PM - 10:10 PM	48.1	47.9	0.2	7.0	-	-	44.1	-1.9
10:10 PM - 10:15 PM	48.2	47.7	0.5	7.0	-	-	43.6	-2.3
10:15 PM - 10:20 PM	47.7	49.7	-2.0	7.0	-	-	43.7	-0.9
10:20 PM - 10:25 PM	48.2	50.7	-2.5	7.0	-	-	44.2	-2.6
10:25 PM - 10:30 PM	48.8	49.9	-1.1	7.0	-	-	44.8	-2.4
10:30 PM - 10:35 PM	47.7	49.9	-2.2	7.0	-	-	43.7	-0.6
10:35 PM - 10:40 PM	47.7	50.1	-2.4	7.0	-	-	43.7	-3.0
10:40 PM - 10:45 PM	48.4	50.1	-1.7	7.0	-	-	44.4	-2.2
10:45 PM - 10:50 PM	47.8	49.0	-1.2	7.0	-	-	43.8	-2.9
10:50 PM - 10:55 PM	47.1	49.2	-2.1	7.0	-	-	43.1	-3.5
10:55 PM - 11:00 PM	47.2	49.0	-1.8	7.0	-	-	43.2	-2.5
11:00 PM - 11:05 PM	47.4	56.5	-9.1	7.0	-	-	43.4	-2.9
11:05 PM - 11:10 PM	47.2	55.0	-7.8	7.0	-	-	43.2	-2.4
11:10 PM - 11:15 PM	48.7	47.8	0.9	7.0	-	-	44.7	-0.8
11:15 PM - 11:20 PM	48.1	58.8	-10.7	7.0	-	-	44.1	-5.8
11:20 PM - 11:25 PM	46.8	48.1	-1.3	7.0	-	-	42.8	-5.6
11:25 PM - 11:30 PM	48.2	47.7	0.5	7.0	-	-	44.2	-5.5
11:30 PM - 11:35 PM	46.6	47.7	-1.1	7.0	-	-	42.6	-4.9
11:35 PM - 11:40 PM	46.1	48.7	-2.6	7.0	-	-	42.1	-4.6
11:40 PM - 11:45 PM	46.7	47.4	-0.7	7.0	-	-	42.7	-1.9
11:45 PM - 11:50 PM	47.7	46.3	1.4	7.0	-	-	43.7	-0.1
11:50 PM - 11:55 PM	45.7	48.2	-2.5	7.0	-	-	41.2	-4.3
11:55 PM - 12:00 AM	44.6	52.0	-7.4	7.0	-	-	40.6	-5.2
12:00 AM - 12:05 AM	45.5	46.6	-1.1	7.0	-	-	41.5	-3.8
12:05 AM - 12:10 AM	45.6	49.2	-3.6	7.0	-	-	41.6	-4.5
12:10 AM - 12:15 AM	45.3	49.1	-3.8	7.0	-	-	41.3	-4.1
12:15 AM - 12:20 AM	45.5	48.0	-2.5	7.0	-	-	41.5	-3.3

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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O : ญุฑฑาญา
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22133617
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report Number : 2518881-1

Page 2 of 3

Sample No. : 22133617-17
Parameter : เสียงรบกวน
Location : N3 (สนามหญ้า) (GPS 47P 0730757, 1407391)
Measurement Date : Nov 28 - 29, 2022
Measurement by : Santi Chaichana
Sound Level Meter : 00472127

เวลา	เสียงจากแหล่งกำเนิด	เสียงรบกวนไม่มีการรบกวน	ผลต่างระดับเสียง	ตัวปรับค่า	ปรับค่าเสียงจากแหล่งกำเนิด		เสียงที่ฐาน	ค่าระดับการรบกวน
					กลางคืน	กลางวัน		
02:40 AM - 02:45 AM	45.5	46.0	-0.5	7.0	-	-	41.5	-0.4
02:45 AM - 03:00 AM	44.9	47.6	-2.7	7.0	-	-	40.9	-0.9
03:00 AM - 03:05 AM	45.3	47.1	-1.8	7.0	-	-	41.3	0.0
03:05 AM - 04:00 AM	47.3	48.4	-1.1	7.0	-	-	43.3	1.2
04:00 AM - 04:05 AM	48.4	46.6	1.8	4.5	-	-	46.9	1.8
04:05 AM - 04:10 AM	48.0	46.0	2.0	4.5	-	-	46.5	1.0
04:10 AM - 04:15 AM	47.3	44.0	3.3	3.0	-	-	47.3	6.0
04:15 AM - 04:20 AM	48.3	45.2	3.9	7.0	-	-	44.3	4.0
04:20 AM - 04:25 AM	49.7	50.2	-0.5	7.0	-	-	45.7	2.0
04:25 AM - 04:30 AM	47.7	51.0	-3.3	7.0	-	-	43.7	0.4
04:30 AM - 04:35 AM	47.6	51.8	-4.2	7.0	-	-	43.6	-0.6
04:35 AM - 04:40 AM	48.3	51.4	-3.1	7.0	-	-	44.3	-0.5
04:40 AM - 04:45 AM	47.8	49.0	-1.2	7.0	-	-	43.8	1.0
04:45 AM - 04:50 AM	49.2	48.1	1.1	7.0	-	-	45.2	4.8
04:50 AM - 04:55 AM	49.4	46.3	3.1	3.0	-	-	49.4	7.7
04:55 AM - 05:00 AM	49.4	46.2	3.2	3.0	-	-	49.4	8.6
05:00 AM - 05:05 AM	49.6	44.8	4.8	1.5	-	-	51.1	8.4
05:05 AM - 05:10 AM	49.4	48.3	1.1	7.0	-	-	45.4	2.9
05:10 AM - 05:15 AM	49.8	47.4	2.4	4.5	-	-	48.3	5.8
05:15 AM - 05:20 AM	49.8	46.7	3.1	3.0	-	-	49.8	7.5
05:20 AM - 05:25 AM	49.4	47.5	1.9	4.5	-	-	47.9	5.9
05:25 AM - 05:30 AM	49.1	46.0	3.1	3.0	-	-	49.1	7.1
05:30 AM - 05:35 AM	48.8	45.9	2.9	3.0	-	-	48.8	7.5
05:35 AM - 05:40 AM	50.6	49.9	0.7	0.5	-	-	53.1	12.5
05:40 AM - 05:45 AM	50.2	49.6	0.6	7.0	-	-	46.2	5.1
05:45 AM - 05:50 AM	51.6	51.6	0.0	7.0	-	-	47.6	5.8
05:50 AM - 05:55 AM	52.8	51.9	0.9	7.0	-	-	48.8	2.1
05:55 AM - 06:00 AM	55.9	60.4	-4.5	7.0	-	-	51.9	9.0
06:00 AM - 07:00 AM	53.4	47.6	5.8	1.5	51.9	-	44.3	8.8
07:00 AM - 08:00 AM	58.2	50.4	7.8	0.5	57.7	-	44.4	13.3
08:00 AM - 09:00 AM	54.7	51.7	3.0	3.0	51.7	-	47.4	4.3
09:00 AM - 10:00 AM	53.7	49.9	3.8	2.0	51.7	-	45.3	6.4
ค่าเฉลี่ย								≤ 10

Reference Method : Based on ISO 1996-1 and ISO 1996-2

หมายเหตุ

1. ผลการตรวจวัดค่าเสียงรบกวน เป็น ค่าเฉลี่ยระดับเสียงการรบกวนตามระยะเวลาที่กำหนดในการตรวจวัดค่าเสียงรบกวน พ.ศ. 2568
2. ผลการตรวจวัดค่าเสียงรบกวน เป็น ค่าเฉลี่ยระดับเสียงการรบกวนตามระยะเวลาที่กำหนดในการตรวจวัดค่าเสียงรบกวน พ.ศ. 2553
3. ผลการตรวจวัดค่าเสียงรบกวน เป็น ค่าเฉลี่ยระดับเสียงการรบกวนตามระยะเวลาที่กำหนดในการตรวจวัดค่าเสียงรบกวน พ.ศ. 2561

ระดับเสียงรบกวนตามข้อกำหนดตามมาตรฐาน (Sample No. 22133617-17) วันที่ตรวจวัด 28-29 พฤศจิกายน 2565

The above results are valid only for the area and condition specified as indicated in this report. No part of this report or certificate can be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) Ltd. strongly recommends that this report is not reproduced except in full.

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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O : ญุฑฑาญา
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22133617
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report Number : 2518881-1

Page 2 of 3

Sample No. : 22133617-17
Parameter : เสียงรบกวน
Location : N3 (สนามหญ้า) (GPS 47P 0730757, 1407391)
Measurement Date : Nov 28 - 29, 2022
Measurement by : Santi Chaichana
Sound Level Meter : 00472127

ตารางข้อมูลเสียง (dB(A))								
เวลา	เสียงจากแหล่งกำเนิด	เสียงรบกวนไม่มีการรบกวน	ผลต่างระดับเสียง	ตัวปรับค่า	ปรับค่าเสียงจากแหล่งกำเนิดกลางคืน		เสียงที่ฐาน	ค่าระดับการรบกวน
12:20 AM - 12:25 AM	45.9	50.6	-4.7	7.0	-	-	41.9	-4.3
12:25 AM - 12:30 AM	45.3	49.9	-4.6	7.0	-	-	41.3	-5.6
12:30 AM - 12:35 AM	44.9	50.2	-5.3	7.0	-	-	40.9	-5.3
12:35 AM - 12:40 AM	48.0	49.3	-1.3	7.0	-	-	44.0	-1.5
12:40 AM - 12:45 AM	44.5	48.4	-3.9	7.0	-	-	40.5	-4.4
12:45 AM - 12:50 AM	44.7	48.5	-3.8	7.0	-	-	40.7	-3.9
12:50 AM - 12:55 AM	44.5	49.7	-5.2	7.0	-	-	40.5	-5.5
12:55 AM - 01:00 AM	44.8	49.2	-4.4	7.0	-	-	40.8	-4.6
01:00 AM - 01:05 AM	44.1	49.0	-4.9	7.0	-	-	40.1	-4.9
01:05 AM - 01:10 AM	44.6	50.8	-6.2	7.0	-	-	40.6	-6.4
01:10 AM - 01:15 AM	44.9	50.6	-5.7	7.0	-	-	40.9	-5.9
01:15 AM - 01:20 AM	48.1	49.6	-1.5	7.0	-	-	44.1	-0.9
01:20 AM - 01:25 AM	50.9	50.3	0.6	7.0	-	-	46.9	4.5
01:25 AM - 01:30 AM	51.1	50.8	0.3	7.0	-	-	47.1	4.5
01:30 AM - 01:35 AM	50.9	54.1	-3.2	7.0	-	-	46.9	4.2
01:35 AM - 01:40 AM	51.4	48.1	3.3	3.0	-	-	51.4	4.6
01:40 AM - 01:45 AM	51.0	51.5	-0.5	7.0	-	-	47.0	4.4
01:45 AM - 01:50 AM	50.6	48.8	1.8	4.5	-	-	49.1	6.0
01:50 AM - 01:55 AM	50.0	50.0	0.0	7.0	-	-	46.6	4.4
01:55 AM - 02:00 AM	51.2	56.7	-5.5	7.0	-	-	47.2	-0.1
02:00 AM - 02:05 AM	51.7	50.3	1.4	7.0	-	-	47.7	3.9
02:05 AM - 02:10 AM	50.5	51.1	-0.6	7.0	-	-	46.5	4.4
02:10 AM - 02:15 AM	46.1	51.9	-5.8	7.0	-	-	42.1	-6.2
02:15 AM - 02:20 AM	46.3	51.5	-5.2	7.0	-	-	42.3	-4.9
02:20 AM - 02:25 AM	45.9	49.1	-3.2	7.0	-	-	41.9	-2.9
02:25 AM - 02:30 AM	45.9	48.2	-2.3	7.0	-	-	41.9	-0.9
02:30 AM - 02:35 AM	47.5	46.4	1.1	7.0	-	-	43.5	1.7
02:35 AM - 02:40 AM	46.8	46.3	0.5	7.0	-	-	42.8	0.7
02:40 AM - 02:45 AM	48.7	44.9	3.8	2.0	-	-	49.7	7.2
02:45 AM - 02:50 AM	48.1	48.4	-0.3	7.0	-	-	44.1	4.6
02:50 AM - 02:55 AM	47.0	47.5	-0.5	7.0	-	-	43.0	0.6
02:55 AM - 03:00 AM	47.9	46.8	0.1	7.0	-	-	43.9	4.1
03:00 AM - 03:05 AM	46.7	47.6	-0.9	7.0	-	-	42.7	0.2
03:05 AM - 03:10 AM	46.3	46.1	0.2	7.0	-	-	42.3	0.2
03:10 AM - 03:15 AM	45.7	46.0	-0.3	7.0	-	-	41.7	0.6
03:15 AM - 03:20 AM	46.1	43.0	3.1	3.0	-	-	46.1	7.0
03:20 AM - 03:25 AM	44.6	49.7	-5.1	7.0	-	-	40.6	-4.1
03:25 AM - 03:30 AM	45.3	51.7	-6.4	7.0	-	-	41.3	-6.6
03:30 AM - 03:35 AM	44.4	50.0	-5.6	7.0	-	-	40.4	-6.8
03:35 AM - 03:40 AM	44.8	49.5	-4.7	7.0	-	-	40.8	-4.9



Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermik Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : วิศวกร
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22133617
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report Number : 2518882-1

Page 2 of 3

Sample No. : 22133617-18
Parameter : (เสียงรบกวน)
Location : N3 (สนามหญ้า) (GPS 47P 0730757,1407391)
Measurement Date : Nov 29 - 30, 2022
Measurement by : Santi Chaichana
Sound Level Meter : 00472127

เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	ผลต่างระดับเสียง	ตัวปรับค่า	ปรับค่าเสียงจากแหล่งกำเนิด		เสียงพื้นฐาน	ค่าระดับการรบกวน
					กลางแจ้ง	กลางแจ้ง		
12:20 AM - 12:25 AM	49.1	46.6	2.5	3.0	-	49.1	42.0	7.1
12:25 AM - 12:30 AM	49.4	44.8	4.6	1.5	-	50.9	42.2	8.7
12:30 AM - 12:35 AM	55.8	45.7	10.1	0.5	-	58.3	42.3	16.0
12:35 AM - 12:40 AM	57.0	46.6	10.4	0.5	-	59.5	41.9	17.6
12:40 AM - 12:45 AM	57.0	44.0	13.0	0.0	-	60.0	40.9	19.1
12:45 AM - 12:50 AM	57.1	40.8	16.3	0.5	-	59.6	42.3	17.3
12:50 AM - 12:55 AM	57.2	44.1	13.1	0.0	-	60.2	41.1	19.1
12:55 AM - 01:00 AM	54.2	45.0	9.2	0.5	-	56.7	41.1	15.6
01:00 AM - 01:05 AM	47.1	44.4	2.7	3.0	-	47.1	41.4	5.7
01:05 AM - 01:10 AM	47.1	44.7	2.4	1.5	-	45.6	40.9	4.7
01:10 AM - 01:15 AM	56.7	43.7	13.0	0.0	-	59.7	40.3	19.4
01:15 AM - 01:20 AM	57.2	45.4	11.8	0.5	-	59.7	41.5	18.2
01:20 AM - 01:25 AM	57.3	45.4	11.9	0.5	-	59.8	41.1	18.7
01:25 AM - 01:30 AM	57.3	42.7	14.6	0.0	-	60.3	40.3	20.0
01:30 AM - 01:35 AM	57.3	42.6	14.7	0.0	-	60.3	40.1	20.2
01:35 AM - 01:40 AM	57.5	46.0	11.5	0.5	-	60.0	40.5	19.5
01:40 AM - 01:45 AM	57.5	45.2	12.3	0.5	-	60.0	40.8	19.2
01:45 AM - 01:50 AM	57.4	44.1	13.3	0.0	-	60.4	40.3	20.1
01:50 AM - 01:55 AM	57.5	48.8	8.7	0.5	-	60.0	39.7	20.3
01:55 AM - 02:00 AM	57.5	44.2	13.3	0.0	-	60.5	39.3	21.2
02:00 AM - 02:05 AM	57.5	46.0	11.5	0.5	-	60.0	39.9	20.1
02:05 AM - 02:10 AM	57.5	45.2	12.3	0.5	-	60.0	40.9	19.1
02:10 AM - 02:15 AM	57.5	44.6	12.9	0.0	-	60.5	40.6	19.9
02:15 AM - 02:20 AM	57.1	44.8	12.3	0.5	-	59.6	40.5	19.1
02:20 AM - 02:25 AM	56.4	44.8	11.6	0.5	-	58.9	39.7	19.2
02:25 AM - 02:30 AM	49.2	41.1	8.1	2.0	-	50.3	39.1	11.2
02:30 AM - 02:35 AM	49.2	55.3	-6.1	7.0	-	45.2	39.1	6.1
02:35 AM - 02:40 AM	48.9	44.9	4.0	2.0	-	49.9	39.9	10.0
02:40 AM - 02:45 AM	48.8	45.6	3.2	3.0	-	48.8	40.3	8.5
02:45 AM - 02:50 AM	49.3	44.3	5.0	1.5	-	50.8	39.5	11.3
02:50 AM - 02:55 AM	49.4	43.1	6.3	1.5	-	50.9	39.2	11.7
02:55 AM - 03:00 AM	49.3	42.5	6.8	1.0	-	51.3	39.3	12.0
03:00 AM - 03:05 AM	49.7	45.0	4.7	1.5	-	51.2	39.4	11.8
03:05 AM - 03:10 AM	49.7	42.5	6.2	1.5	-	51.2	39.2	12.0
03:10 AM - 03:15 AM	49.7	43.7	6.0	1.5	-	51.2	39.3	11.9
03:15 AM - 03:20 AM	49.3	43.3	6.0	1.5	-	50.8	40.2	10.6
03:20 AM - 03:25 AM	49.2	43.5	5.7	1.5	-	50.7	39.9	10.8
03:25 AM - 03:30 AM	49.0	42.0	7.0	1.5	-	51.0	40.2	10.8
03:30 AM - 03:35 AM	49.1	42.8	6.3	1.5	-	50.6	39.2	11.4
03:35 AM - 03:40 AM	49.7	42.4	7.3	1.0	-	51.7	39.3	12.4

The above results are valid only for the specified period(s) as indicated in this report. The part of the report for the specified period(s) is not valid if any part of the report is not reproduced in full. (The above results are valid only for the specified period(s) as indicated in this report. The part of the report for the specified period(s) is not valid if any part of the report is not reproduced in full.)

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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermik Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : วิศวกร
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22133617
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report Number : 2518882-1

Page 3 of 3

Sample No. : 22133617-18
Parameter : (เสียงรบกวน)
Location : N3 (สนามหญ้า) (GPS 47P 0730757,1407391)
Measurement Date : Nov 29 - 30, 2022
Measurement by : Santi Chaichana
Sound Level Meter : 00472127

ระดับเสียง (dB(A))									
เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	ผลต่าง	ตัวปรับค่า	ปรับค่าเสียงจากแหล่งกำเนิด		เสียงพื้นฐาน	ค่าระดับการรบกวน	
					กลางแจ้ง	กลางแจ้ง			
03:40 AM - 03:45 AM	49.2	42.5	6.7	1.0	-	51.2	40.0	11.2	
03:45 AM - 03:50 AM	49.1	43.7	5.4	1.5	-	50.6	39.3	10.3	
03:50 AM - 03:55 AM	49.3	43.4	5.9	1.5	-	50.8	39.5	11.3	
03:55 AM - 04:00 AM	49.1	42.3	6.8	1.0	-	51.1	39.1	12.0	
04:00 AM - 04:05 AM	53.0	41.4	11.6	0.5	-	55.5	38.7	16.8	
04:05 AM - 04:10 AM	49.5	43.7	5.8	1.5	-	51.0	39.3	11.7	
04:10 AM - 04:15 AM	49.5	54.3	-4.8	7.0	-	45.5	38.9	6.6	
04:15 AM - 04:20 AM	49.5	41.7	7.8	0.5	-	52.0	39.3	12.7	
04:20 AM - 04:25 AM	49.6	42.5	7.1	1.0	-	51.6	39.2	12.4	
04:25 AM - 04:30 AM	48.5	42.2	6.3	1.5	-	50.0	39.6	10.4	
04:30 AM - 04:35 AM	47.7	42.5	5.2	1.5	-	49.2	39.8	9.4	
04:35 AM - 04:40 AM	47.4	42.2	5.2	7.0	-	43.4	40.9	2.5	
04:40 AM - 04:45 AM	47.4	48.3	-0.9	7.0	-	43.4	41.6	1.8	
04:45 AM - 04:50 AM	48.0	44.8	3.2	3.0	-	48.0	40.9	7.1	
04:50 AM - 04:55 AM	50.4	44.7	5.7	1.5	-	51.9	41.4	10.5	
04:55 AM - 05:00 AM	51.2	44.9	6.3	1.5	-	52.7	41.8	10.9	
05:00 AM - 05:05 AM	51.5	45.7	5.8	1.5	-	53.0	41.8	11.2	
05:05 AM - 05:10 AM	51.4	45.6	5.8	1.5	-	52.9	42.5	10.4	
05:10 AM - 05:15 AM	51.5	44.8	6.7	1.0	-	53.5	41.6	11.9	
05:15 AM - 05:20 AM	51.6	46.5	5.1	1.5	-	53.1	42.2	10.9	
05:20 AM - 05:25 AM	51.4	45.4	6.0	1.5	-	52.9	42.2	10.7	
05:25 AM - 05:30 AM	54.9	47.6	7.3	1.0	-	56.9	43.3	13.6	
05:30 AM - 05:35 AM	51.6	47.0	4.6	1.5	-	53.1	43.3	9.8	
05:35 AM - 05:40 AM	51.7	47.2	4.5	1.5	-	53.2	43.3	9.9	
05:40 AM - 05:45 AM	51.3	50.0	1.3	7.0	-	47.3	44.2	3.1	
05:45 AM - 05:50 AM	53.8	49.4	4.4	2.0	-	54.8	43.7	11.1	
05:50 AM - 05:55 AM	53.4	48.1	5.3	2.0	-	52.4	44.9	12.5	
05:55 AM - 06:00 AM	54.0	56.6	-2.6	7.0	-	50.0	45.9	4.1	
06:00 AM - 07:00 AM	53.1	53.3	-0.2	7.0	46.1	-	49.1	-3.0	
07:00 AM - 08:00 AM	57.6	41.3	16.3	0.5	53.6	-	49.7	7.9	
08:00 AM - 09:00 AM	58.5	51.4	7.1	1.0	57.5	-	46.2	11.3	
09:00 AM - 10:00 AM	53.3	48.6	4.7	1.5	51.8	-	44.0	7.8	

Reference Method : Based on ISO 1996-1 and ISO 1996-2

หมายเหตุ

1. โปรดดูค่าเฉลี่ยของผลทดสอบ (ค่าเฉลี่ย) สำหรับค่าเฉลี่ยของผลทดสอบ (ค่าเฉลี่ย) ที่แสดงโดยโปรแกรมการประมวลผลข้อมูลของ ALS
2. โปรดดูค่าเฉลี่ยของผลทดสอบ (ค่าเฉลี่ย) สำหรับค่าเฉลี่ยของผลทดสอบ (ค่าเฉลี่ย) ที่แสดงโดยโปรแกรมการประมวลผลข้อมูลของ ALS
3. โปรดดูค่าเฉลี่ยของผลทดสอบ (ค่าเฉลี่ย) สำหรับค่าเฉลี่ยของผลทดสอบ (ค่าเฉลี่ย) ที่แสดงโดยโปรแกรมการประมวลผลข้อมูลของ ALS

ระดับเสียงสูงสุดตามระดับเสียงขณะไม่มีการรบกวน (Sample No.22133750-18 ในระหว่างปี 29-30 พฤศจิกายน 2565)

The above results are valid only for the specified period(s) as indicated in this report. The part of the report for the specified period(s) is not valid if any part of the report is not reproduced in full. (The above results are valid only for the specified period(s) as indicated in this report. The part of the report for the specified period(s) is not valid if any part of the report is not reproduced in full.)

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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermik Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : วิศวกร
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22133617
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report Number : 2518883-1

Page 1 of 3

Sample No. : 22133617-19
Parameter : (เสียงรบกวน)
Location : N3 (สนามหญ้า) (GPS 47P 0730757,1407391)
Measurement Date : Nov 30 - 01, 2022
Measurement by : Santi Chaichana
Sound Level Meter : 00472127

เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	ผลต่างระดับเสียง	ตัวปรับค่า	ปรับค่าเสียงจากแหล่งกำเนิด		เสียงพื้นฐาน	ค่าระดับการรบกวน
					กลางแจ้ง	กลางแจ้ง		
10:00 AM - 11:00 AM	49.0	46.0	3.0	7.0	42.0	-	44.3	-2.3
11:00 AM - 12:00 PM	48.8	48.9	-0.1	7.0	41.8	-	44.1	-2.3
12:00 PM - 01:00 PM	46.2	48.1	11.9	0.5	56.2	-	44.7	11.5
01:00 PM - 02:00 PM	57.3	48.8	8.5	0.5	56.8	-	41.6	15.2
02:00 PM - 03:00 PM	58.6	48.4	10.2	0.5	58.1	-	43.0	15.1
03:00 PM - 04:00 PM	61.5	51.2	10.3	0.5	61.0	-	45.1	15.9
04:00 PM - 05:00 PM	54.2	52.6	1.6	1.5	54.8	-	46.8	8.4
05:00 PM - 06:00 PM	50.8	56.2	-5.4	7.0	43.8	-	50.8	-7.0
06:00 PM - 07:00 PM	54.8	53.4	1.4	7.0	47.8	-	49.4	-1.6
07:00 PM - 08:00 PM	53.5	53.1	0.4	7.0	46.5	-	49.5	-3.0
08:00 PM - 09:00 PM	52.0	51.5	0.5	7.0	44.0	-	49.4	-5.4
09:00 PM - 10:00 PM	52.4	51.2	1.2	7.0	45.4	-	47.6	-2.2
10:00 PM - 10:05 PM	52.4	49.9	2.5	3.0	-	52.4	45.9	6.5
10:05 PM - 10:10 PM	52.3	49.4	2.9	3.0	-	52.3	46.8	5.5
10:10 PM - 10:15 PM	52.6	49.5	3.1	7.0	-	52.6	46.2	6.4
10:15 PM - 10:20 PM	51.1	51.4	-0.3	7.0	-	47.1	46.0	1.1
10:20 PM - 10:25 PM	49.0	50.2	-1.2	7.0	-	45.0	46.3	-1.3
10:25 PM - 10:30 PM	46.4	51.1	-4.7	7.0	-	42.4	47.4	-5.0
10:30 PM - 10:35 PM	45.9	48.5	-2.6	7.0	-	41.9	45.7	-3.8
10:35 PM - 10:40 PM	45.6	47.6	-2.0	7.0	-	41.6	44.3	-2.7
10:40 PM - 10:45 PM	45.4	49.2	-3.8	7.0	-	41.4	46.0	-4.6
10:45 PM - 10:50 PM	45.5	49.5	-4.0	7.0	-	41.5	46.4	-4.9
10:50 PM - 10:55 PM	45.2	49.1	-3.9	7.0	-	41.2	45.2	-4.0
10:55 PM - 11:00 PM	44.1	48.8	-4.7	7.0	-	40.1	44.5	-4.4
11:00 PM - 11:05 PM	45.1	48.9	-3.8	7.0	-	41.1	46.4	-5.3
11:05 PM - 11:10 PM	45.7	51.1	-5.4	7.0	-	41.7	46.4	-4.7
11:10 PM - 11:15 PM	46.5	51.5	-5.0	7.0	-	42.5	46.4	-3.9
11:15 PM - 11:20 PM	46.5	48.5	-2.0	7.0	-	44.5	45.3	-0.8
11:20 PM - 11:25 PM	45.8	47.0	-1.7	7.0	-	41.8	44.4	-2.6
11:25 PM - 11:30 PM	45.7	48.8	-3.1	7.0	-	41.7	43.1	-1.4
11:30 PM - 11:35 PM	46.1	47.0	-0.9	7.0	-	42.1	46.0	-3.9



Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O : อัญญา
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22133617
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report Number : 2518884-1

Page 3 of 3

Sample No. 22133617-19
Parameter เสียงรบกวน
Location N3 (สนามหญ้า) (GPS 477 0730757, 1407391)
Measurement Date Nov 30 - 01, 2022
Measurement by Santi Chaichana
Sound Level Meter 00472127

เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	ผลต่างระดับเสียง	ค่าปรับค่า	ปรับค่าเสียงจากแหล่งกำเนิด		เสียงที่ฐาน	ค่าระดับการรบกวน
					กลางคืน	กลางวัน		
03:40 AM - 03:45 AM	55.5	44.2	11.3	0.5	-	58.0	39.8	18.2
03:45 AM - 03:50 AM	55.5	44.5	11.0	0.5	-	58.0	39.8	18.2
03:50 AM - 03:55 AM	55.5	44.9	10.6	0.5	-	58.0	39.5	18.5
03:55 AM - 04:00 AM	55.5	43.5	12.0	0.5	-	58.0	39.9	18.1
04:00 AM - 04:05 AM	55.4	44.5	10.9	0.5	-	57.9	40.0	17.9
04:05 AM - 04:10 AM	55.0	43.9	11.1	0.5	-	57.5	40.2	17.3
04:10 AM - 04:15 AM	54.2	41.8	12.4	0.5	-	56.7	40.5	16.2
04:15 AM - 04:20 AM	54.1	41.8	12.3	0.5	-	56.6	40.0	16.6
04:20 AM - 04:25 AM	54.2	42.7	11.5	0.5	-	56.7	39.4	17.3
04:25 AM - 04:30 AM	54.3	42.4	11.9	0.5	-	56.8	39.8	17.0
04:30 AM - 04:35 AM	54.3	42.7	11.6	0.5	-	56.8	40.0	16.8
04:35 AM - 04:40 AM	54.4	42.4	12.0	1.0	-	56.4	41.1	15.3
04:40 AM - 04:45 AM	54.3	48.5	5.8	1.5	-	55.8	41.8	14.0
04:45 AM - 04:50 AM	54.4	45.0	9.4	0.5	-	56.9	41.1	15.8
04:50 AM - 04:55 AM	54.4	44.9	9.5	0.5	-	56.9	41.6	15.3
04:55 AM - 05:00 AM	54.4	45.1	9.3	0.5	-	56.9	42.0	14.9
05:00 AM - 05:05 AM	54.3	45.9	8.4	0.5	-	56.8	42.0	14.8
05:05 AM - 05:10 AM	54.3	45.8	8.5	0.5	-	56.8	42.7	14.1
05:10 AM - 05:15 AM	54.3	45.0	9.3	0.5	-	56.8	41.8	15.0
05:15 AM - 05:20 AM	54.3	46.2	7.6	0.5	-	56.8	42.4	14.4
05:20 AM - 05:25 AM	46.2	45.6	0.6	7.0	-	42.2	42.4	-0.2
05:25 AM - 05:30 AM	45.8	47.8	-2.0	7.0	-	41.8	43.5	-1.7
05:30 AM - 05:35 AM	46.3	47.2	-0.9	7.0	-	42.3	43.5	-1.2
05:35 AM - 05:40 AM	46.7	47.4	-0.7	7.0	-	42.7	43.5	-0.8
05:40 AM - 05:45 AM	47.1	50.2	-3.1	7.0	-	43.1	44.4	-1.3
05:45 AM - 05:50 AM	46.4	49.6	-3.2	7.0	-	42.4	43.9	-1.5
05:50 AM - 05:55 AM	48.2	48.5	-0.3	7.0	-	44.2	45.1	-0.9
05:55 AM - 06:00 AM	51.3	56.8	-5.5	7.0	-	47.3	48.1	-0.8
06:00 AM - 07:00 AM	51.2	53.5	-2.3	7.0	-	49.3	51.1	-1.8
07:00 AM - 08:00 AM	55.3	53.7	1.6	4.5	50.8	-	49.9	0.9
08:00 AM - 09:00 AM	57.5	51.6	5.9	1.5	56.0	-	46.4	9.6
09:00 AM - 10:00 AM	50.1	48.8	1.3	7.0	41.1	-	44.2	-1.3

Reference Method : Based on ISO 1996-1 and ISO 1996-2

หมายเหตุ

- ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่สังเกตจากประเภทกิจการโรงงาน พ.ศ. 2548
- ประกาศกระทรวงอุตสาหกรรม เรื่อง วิธีการวัดระดับเสียงการรบกวน ระดับเสียงระดับ 24 ชั่วโมง และระดับเสียงสูงสุดที่สังเกตจากประเภทกิจการโรงงาน พ.ศ. 2553
- ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่สังเกตจากประเภทกิจการโรงงาน พ.ศ. 2561

ระดับเสียงจากแหล่งกำเนิด มีการตรวจวัด ณ 30-01 ธันวาคม 2565

ระดับเสียงที่ฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No.22133750-19 วันที่ตรวจวัด 30-01 ธันวาคม 2565)

The above results are valid only for the test conditions specified as indicated in this report. No part of this report or any data herein may be reproduced in any form without written consent from the Laboratory. A/C Laboratory Group (Thailand) Group recommends that this report is not reproduced except in full.

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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O : อัญญา
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22133617
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report Number : 2518884-1

Page 1 of 3

Sample No. 22133617-20
Parameter เสียงรบกวน
Location N3 (สนามหญ้า) (GPS 477 0730757, 1407391)
Measurement Date Dec 01 - 02, 2022
Measurement by Santi Chaichana
Sound Level Meter 00472127

เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	ผลต่างระดับเสียง	ค่าปรับค่า	ปรับค่าเสียงจากแหล่งกำเนิด		เสียงที่ฐาน	ค่าระดับการรบกวน
					กลางคืน	กลางวัน		
10:00 AM - 11:00 AM	47.0	49.2	-2.2	7.0	40.0	-	44.5	-4.5
11:00 AM - 12:00 PM	46.8	49.1	-2.3	7.0	39.8	-	44.3	-4.5
12:00 PM - 01:00 PM	57.0	46.1	10.7	0.5	56.5	-	40.8	15.7
01:00 PM - 02:00 PM	58.2	49.0	9.2	0.5	57.7	-	41.8	15.9
02:00 PM - 03:00 PM	63.4	48.6	14.8	0.0	63.4	-	43.2	20.2
03:00 PM - 04:00 PM	63.4	51.4	12.0	0.5	62.9	-	45.3	17.6
04:00 PM - 05:00 PM	55.7	53.0	2.7	5.0	52.7	-	45.6	0.2
05:00 PM - 06:00 PM	52.1	56.4	-4.3	7.0	45.1	-	51.0	-5.9
06:00 PM - 07:00 PM	55.6	53.6	2.0	4.5	51.1	-	49.6	1.5
07:00 PM - 08:00 PM	52.7	53.3	-0.6	7.0	45.7	-	49.7	-4.0
08:00 PM - 09:00 PM	48.7	52.7	-4.0	7.0	41.7	-	48.6	-6.9
09:00 PM - 10:00 PM	47.4	51.4	-4.0	7.0	40.4	-	47.8	-7.4
10:00 PM - 10:05 PM	48.3	50.1	-1.8	7.0	-	44.3	46.1	-1.8
10:05 PM - 10:10 PM	49.9	49.6	0.3	7.0	-	45.9	47.0	-1.1
10:10 PM - 10:15 PM	49.9	50.1	-0.2	7.0	-	45.1	46.4	-1.3
10:15 PM - 10:20 PM	48.1	51.6	-3.5	7.0	-	44.1	46.2	-2.1
10:20 PM - 10:25 PM	48.2	50.4	-2.2	7.0	-	44.2	46.5	-2.3
10:25 PM - 10:30 PM	48.0	51.3	-3.3	7.0	-	44.0	47.6	-3.6
10:30 PM - 10:35 PM	48.7	52.7	-4.0	7.0	-	44.1	45.9	-1.8
10:35 PM - 10:40 PM	46.9	47.8	-0.9	7.0	-	42.9	44.5	-1.6
10:40 PM - 10:45 PM	47.0	49.4	-2.4	7.0	-	43.0	46.2	-3.2
10:45 PM - 10:50 PM	47.8	49.7	-1.9	7.0	-	43.8	46.6	-2.8
10:50 PM - 10:55 PM	48.9	50.1	-1.2	7.0	-	44.9	45.4	-0.5
10:55 PM - 11:00 PM	48.6	49.0	-0.4	7.0	-	44.6	44.7	-0.1
11:00 PM - 11:05 PM	48.1	49.1	-1.0	7.0	-	44.1	46.6	-2.5
11:05 PM - 11:10 PM	47.3	51.3	-4.0	7.0	-	43.2	46.8	-3.6
11:10 PM - 11:15 PM	48.1	51.7	-3.6	7.0	-	44.1	49.2	-5.0
11:15 PM - 11:20 PM	49.7	48.7	1.0	7.0	-	45.7	45.5	0.2
11:20 PM - 11:25 PM	48.2	47.7	0.5	7.0	-	44.2	44.6	-0.4
11:25 PM - 11:30 PM	48.1	48.2	-0.1	7.0	-	44.5	43.3	1.2
11:30 PM - 11:35 PM	47.8	52.8	-5.0	7.0	-	43.8	46.2	-2.4
11:35 PM - 11:40 PM	48.1	49.5	-1.4	7.0	-	44.1	44.3	-0.2
11:40 PM - 11:45 PM	48.7	48.7	0.0	7.0	-	44.3	45.6	-1.3
11:45 PM - 11:50 PM	49.1	48.3	0.8	7.0	-	45.4	45.7	-0.3
11:50 PM - 11:55 PM	48.9	49.9	-1.0	7.0	-	44.9	44.6	0.3
11:55 PM - 12:00 AM	46.8	48.8	-2.0	7.0	-	42.8	46.5	-3.7
12:00 AM - 12:05 AM	47.0	50.0	-3.0	7.0	-	43.0	42.5	0.5
12:05 AM - 12:10 AM	46.4	45.5	0.9	7.0	-	42.4	42.3	0.1
12:10 AM - 12:15 AM	46.9	45.7	1.2	7.0	-	42.9	41.2	1.7
12:15 AM - 12:20 AM	47.0	45.8	1.2	7.0	-	43.0	40.7	2.3

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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O : อัญญา
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22133617
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report Number : 2518884-1

Page 2 of 3

Sample No. 22133617-20
Parameter เสียงรบกวน
Location N3 (สนามหญ้า) (GPS 477 0730757, 1407391)
Measurement Date Dec 01 - 02, 2022
Measurement by Santi Chaichana
Sound Level Meter 00472127

เวลา	ระดับเสียง (dB(A))					เสียงที่ฐาน	การรบกวน	
	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	ผลต่างระดับเสียง	ค่าปรับค่า	ปรับค่าเสียงจากแหล่งกำเนิด			
				กลางคืน	กลางวัน			
12:20 AM - 12:25 AM	46.8	44.6	2.2	4.5	-	45.3	41.9	3.4
12:25 AM - 12:30 AM	46.2	44.8	1.4	7.0	-	42.2	40.7	1.5
12:30 AM - 12:35 AM	45.6	44.9	0.7	7.0	-	41.6	40.7	0.9
12:35 AM - 12:40 AM	45.7	46.3	-0.6	7.0	-	41.7	40.6	1.1
12:40 AM - 12:45 AM	46.5	48.6	-2.1	7.0	-	42.5	41.6	0.9
12:45 AM - 12:50 AM	47.9	46.9	1.0	7.0	-	43.9	41.1	2.8
12:50 AM - 12:55 AM	46.0	43.3	2.7	3.0	-	46.0	39.6	6.4
12:55 AM - 01:00 AM	46.4	44.6	1.8	4.5	-	44.9	39.9	5.0
01:00 AM - 01:05 AM	46.9	43.9	3.0	3.0	-	46.9	41.0	5.9
01:05 AM - 01:10 AM	46.7	43.5	3.2	3.0	-	46.7	40.5	6.2
01:10 AM - 01:15 AM	46.2	44.5	1.7	4.5	-	44.7	41.3	3.4
01:15 AM - 01:20 AM	45.4	46.1	-0.7	7.0	-	41.4	41.4	0.0
01:20 AM - 01:25 AM	45.4	48.0	-2.6	7.0	-	41.4	42.3	-0.9
01:25 AM - 01:30 AM	44.2	43.2	1.0	7.0	-	40.2	40.7	-0.5
01:30 AM - 01:35 AM	43.8	42.9	0.9	7.0	-	39.8	39.4	0.4
01:35 AM - 01:40 AM	42.0	43.7	-1.7	7.0	-	38.0	40.6	-2.6
01:40 AM - 01:45 AM	41.9	43.2	-1.3	7.0	-	37.9	39.2	-1.3
01:45 AM - 01:50 AM	41.1	46.2	-5.1	7.0	-	37.1	40.4	-3.3
01:50 AM - 01:55 AM	41.3	46.1	-4.8	7.0	-	37.3	39.5	-1.2
01:55 AM - 02:00 AM	40.8	47.3	-6.5	7.0	-	36.8	38.5	-1.7
02:00 AM - 02:05 AM	42.3	52.1	-9.8	7.0	-	38.3	39.2	-0.9
02:05 AM - 02:10 AM	41.3	54.8	-13.5	7.0	-	37.3	38.4	-1.1
02:10 AM - 02:15 AM	42.4	51.1	-8.7	7.0	-	38.3	38.2	0.1
02:15 AM - 02:20 AM	65.9	46.9	19.0	0.0	-	68.9	39.3	29.6
02:20 AM - 02:25 AM	46.6	41.9	4.7	3.0	-	46.6	39.2	7.4
02:25 AM - 02:30 AM	44.8	54.3	-9.5	7.0	-	40.3	39.4	0.9
02:30 AM - 02:35 AM	46.2	43.8	2.4	7.0	-	46.4	39.4	7.0
02:35 AM - 02:40 AM	44.6	41.5	3.1	3.0	-	44.6	38.6	6.0
02:40 AM - 02:45 AM	41.9	42.2	-0.3	7.0	-	37.9	38.5	-0.6
02:45 AM - 02:50 AM	41.5	42.9	-1.4	7.0	-	38.5	39.0	-0.5
02:50 AM - 02:55 AM	41.5	42.4	-0.9	7.0	-	37.5	38.8	-1.3
02:55 AM - 03:00 AM	43.5	48.2	-4.7	7.0	-	39.5	38.9	0.6
03:00 AM - 03:05 AM	46.2	40.3	5.9	1.5	-	47.7	37.9	9.8
03:05 AM - 03:10 AM	45.9	40.9	5.0	1.5	-	47.4	38.5	8.9
03:10 AM - 03:15 AM	46.2	43.9	2.3	3.0	-	46.2	39.7	6.5
03:15 AM - 03:20 AM	45.5	44.7	0.8	7.0	-	41.5	39.5	2.0
03:20 AM - 03:25 AM	43.4	40.7	2.7	3.0	-	43.4	38.6	4.8
03:25 AM - 03:30 AM	41.9	40.9	3.0	3.0	-	43.9	38.2	5.7
03:30 AM - 03:35 AM	44.2	42.1	1.8	4.5	-	42.8	39.9	2.8
03:35 AM - 03:40 AM	45.5	42.9	2.6	3.0	-	45.5	39.0	6.5



Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O : สัญญาจ้าง
Project Name : Project AIE Rayong
Project Location :
Sample No. : 22133617-21
Parameter : เสียงรบกวน
Location : N3 (หอรบนาเกลือ) (GPS 47P 0730757,1407391)
Measurement Date : Dec 02 - 03, 2022
Measurement by : Santi Chaichana
Sound Level Meter : 00472127

Lot ID: 22133617
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report Number : 2518865-1

Page 1 of 3

เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	ผลต่างระดับเสียง	ส่วนเกินค่า	ปรับค่าเสียงจากแหล่งกำเนิด		เสียงที่รบกวน	ค่าระดับการรบกวน
					กลางคืน	กลางวัน		
10:00 AM - 11:00 AM	51.8	55.0	-3.2	7.0	44.8	-	53.3	-8.5
11:00 AM - 12:00 PM	50.5	45.7	4.8	1.5	49.0	-	40.7	8.3
12:00 PM - 01:00 PM	56.9	46.6	10.3	0.5	56.4	-	41.8	14.6
01:00 PM - 02:00 PM	48.1	45.9	2.2	4.5	43.6	-	41.4	2.2
02:00 PM - 03:00 PM	61.2	53.2	8.0	0.5	60.7	-	43.2	17.5
03:00 PM - 04:00 PM	64.2	53.5	10.7	0.5	63.7	-	45.4	18.3
04:00 PM - 05:00 PM	55.4	53.9	1.5	2.0	53.4	-	46.4	7.0
05:00 PM - 06:00 PM	51.8	60.2	-8.4	7.0	44.8	-	56.8	-12.0
06:00 PM - 07:00 PM	51.2	54.0	-2.8	7.0	44.2	-	49.6	-5.4
07:00 PM - 08:00 PM	50.3	52.9	-2.6	7.0	43.3	-	49.1	-5.8
08:00 PM - 09:00 PM	48.8	52.6	-3.8	7.0	41.8	-	47.9	-6.1
09:00 PM - 10:00 PM	44.5	49.7	-5.2	7.0	37.5	-	46.7	-9.2
10:00 PM - 10:05 PM	43.5	49.1	-5.6	7.0	-	39.5	46.9	-7.4
10:05 PM - 10:10 PM	43.5	49.2	-5.7	7.0	-	39.5	46.8	-7.3
10:10 PM - 10:15 PM	43.2	50.4	-7.2	7.0	-	39.2	47.2	-8.0
10:15 PM - 10:20 PM	43.3	49.9	-6.6	7.0	-	39.3	47.1	-7.8
10:20 PM - 10:25 PM	42.4	50.1	-7.7	7.0	-	38.4	47.7	-9.3
10:25 PM - 10:30 PM	42.5	49.8	-7.3	7.0	-	38.5	46.6	-8.1
10:30 PM - 10:35 PM	42.7	47.3	-4.6	7.0	-	38.7	45.3	-6.6
10:35 PM - 10:40 PM	46.7	49.2	-2.5	7.0	-	42.7	47.4	-4.7
10:40 PM - 10:45 PM	48.0	48.4	-0.4	7.0	-	40.0	45.6	-5.6
10:45 PM - 10:50 PM	45.2	49.4	-4.2	7.0	-	41.2	46.3	-5.1
10:50 PM - 10:55 PM	44.6	48.4	-3.8	7.0	-	40.6	45.8	-5.2
10:55 PM - 11:00 PM	46.7	48.5	-1.8	7.0	-	42.7	45.6	-2.9
11:00 PM - 11:05 PM	45.9	49.3	-3.4	7.0	-	41.9	46.1	-4.2
11:05 PM - 11:10 PM	42.4	47.2	-4.8	7.0	-	38.4	44.1	-5.7
11:10 PM - 11:15 PM	42.2	46.9	-4.7	7.0	-	38.2	43.9	-5.7
11:15 PM - 11:20 PM	42.1	49.9	-7.8	7.0	-	38.1	44.8	-6.7
11:20 PM - 11:25 PM	41.7	48.4	-6.7	7.0	-	37.7	44.8	-7.1
11:25 PM - 11:30 PM	42.0	47.6	-5.6	7.0	-	38.0	45.0	-7.0
11:30 PM - 11:35 PM	42.6	47.9	-5.3	7.0	-	38.6	44.3	-5.7
11:35 PM - 11:40 PM	42.1	49.2	-7.1	7.0	-	38.1	46.0	-7.9
11:40 PM - 11:45 PM	43.0	49.0	-6.0	7.0	-	39.0	45.2	-6.2
11:45 PM - 11:50 PM	41.9	50.0	-8.1	7.0	-	37.9	45.1	-7.2
11:50 PM - 11:55 PM	41.7	49.7	-8.0	7.0	-	37.7	46.6	-8.9
11:55 PM - 12:00 AM	41.9	49.8	-7.9	7.0	-	37.9	47.2	-9.3
12:00 AM - 12:05 AM	41.8	47.5	-5.7	7.0	-	37.8	44.6	-6.8
12:05 AM - 12:10 AM	41.5	46.1	-4.6	7.0	-	37.5	43.1	-5.6
12:10 AM - 12:15 AM	42.0	44.6	-2.6	7.0	-	38.0	41.8	-3.8
12:15 AM - 12:20 AM	42.7	47.6	-4.9	7.0	-	38.7	43.0	-4.3

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Approved by

Wiwann Borrik
Assistant Manager

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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O : สัญญาจ้าง
Project Name : Project AIE Rayong
Project Location :
Sample No. : 22133617-21
Parameter : เสียงรบกวน
Location : N3 (หอรบนาเกลือ) (GPS 47P 0730757,1407391)
Measurement Date : Dec 02 - 03, 2022
Measurement by : Santi Chaichana
Sound Level Meter : 00472127

Lot ID: 22133617
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report Number : 2518865-1

Page 3 of 3

เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	ผลต่างระดับเสียง	ส่วนเกินค่า	ปรับค่าเสียงจากแหล่งกำเนิด		เสียงที่รบกวน	ค่าระดับการรบกวน
					กลางคืน	กลางวัน		
03:40 AM - 03:45 AM	42.9	42.7	0.2	7.0	-	38.9	40.2	-1.3
03:45 AM - 03:50 AM	42.7	43.9	-1.2	7.0	-	38.7	40.5	-1.8
03:50 AM - 03:55 AM	41.8	43.6	-1.8	7.0	-	37.8	39.7	-1.9
03:55 AM - 04:00 AM	44.1	42.5	1.6	4.5	-	42.6	39.3	3.3
04:00 AM - 04:05 AM	43.4	41.6	1.8	4.5	-	41.9	38.9	3.0
04:05 AM - 04:10 AM	42.0	43.9	-1.9	7.0	-	38.0	39.5	-1.5
04:10 AM - 04:15 AM	42.5	54.5	-12.0	7.0	-	38.5	39.1	-0.6
04:15 AM - 04:20 AM	43.2	41.9	1.3	7.0	-	39.2	39.5	-0.3
04:20 AM - 04:25 AM	42.2	46.8	-4.6	7.0	-	38.2	41.8	-3.6
04:25 AM - 04:30 AM	42.6	49.1	-6.5	7.0	-	38.6	41.5	-2.9
04:30 AM - 04:35 AM	42.8	48.2	-5.4	7.0	-	38.8	41.3	-2.5
04:35 AM - 04:40 AM	42.1	47.8	-5.7	7.0	-	38.1	41.9	-3.8
04:40 AM - 04:45 AM	43.2	43.8	-0.6	7.0	-	40.2	44.8	-4.6
04:45 AM - 04:50 AM	43.2	43.5	-0.3	7.0	-	39.2	40.8	-1.6
04:50 AM - 04:55 AM	43.1	50.0	-6.9	7.0	-	39.1	42.5	-3.4
04:55 AM - 05:00 AM	43.8	47.2	-3.4	7.0	-	39.8	41.3	-1.5
05:00 AM - 05:05 AM	46.2	50.9	-4.7	7.0	-	40.2	44.8	-4.6
05:05 AM - 05:10 AM	45.2	47.6	-2.4	7.0	-	41.2	43.0	-1.8
05:10 AM - 05:15 AM	44.8	48.3	-3.5	7.0	-	40.8	41.6	-0.8
05:15 AM - 05:20 AM	44.5	44.5	0.0	7.0	-	40.5	42.6	-2.1
05:20 AM - 05:25 AM	44.6	45.0	-0.4	7.0	-	40.6	42.4	-1.8
05:25 AM - 05:30 AM	45.8	45.0	0.8	7.0	-	41.8	42.3	-0.5
05:30 AM - 05:35 AM	46.1	46.7	-0.6	7.0	-	42.1	43.3	-1.2
05:35 AM - 05:40 AM	46.2	45.8	0.4	7.0	-	42.2	42.2	0.0
05:40 AM - 05:45 AM	46.8	46.2	0.6	7.0	-	42.8	41.0	-1.8
05:45 AM - 05:50 AM	47.5	46.6	0.9	7.0	-	43.5	44.3	-0.8
05:50 AM - 05:55 AM	57.4	57.7	-0.3	7.0	-	53.4	45.1	8.3
05:55 AM - 06:00 AM	51.3	54.9	-3.6	7.0	-	47.3	44.1	3.2
06:00 AM - 07:00 AM	50.0	54.8	-4.8	7.0	43.0	-	46.3	-6.7
07:00 AM - 08:00 AM	48.4	50.7	-2.3	7.0	41.4	-	46.6	-5.2
08:00 AM - 09:00 AM	51.0	52.2	-1.2	7.0	44.0	-	46.9	-2.9
09:00 AM - 10:00 AM	56.1	53.1	3.0	3.0	53.1	-	49.5	3.6

Reference Method : Based on ISO 1996-1 and ISO 1996-2

- หมายเหตุ :
1. ผลการตรวจวัดค่าเสียงรบกวน เป็น ค่าเฉลี่ยระดับเสียงจากการตรวจวัดแบบต่อเนื่องเป็นระยะเวลา 24 ชั่วโมง ยกเว้นค่าการตรวจวัดค่าเสียงรบกวน ณ เวลา 25:00
 2. ผลการตรวจวัดค่าเสียงรบกวน เป็น ค่าเฉลี่ยระดับเสียงจากการตรวจวัดแบบต่อเนื่องเป็นระยะเวลา 24 ชั่วโมง ยกเว้นค่าการตรวจวัดค่าเสียงรบกวน ณ เวลา 25:00
 3. ผลการตรวจวัดค่าเสียงรบกวน เป็น ค่าเฉลี่ยระดับเสียงจากการตรวจวัดแบบต่อเนื่องเป็นระยะเวลา 24 ชั่วโมง ยกเว้นค่าการตรวจวัดค่าเสียงรบกวน ณ เวลา 25:00
- ระดับเสียงที่ตรวจวัดได้เกินค่ามาตรฐาน (Sample No. 22133750-21 วันที่ตรวจวัด 02-03 ธันวาคม 2565)

The above results are valid only for the work/untested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

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Wiwann Borrik
Assistant Manager

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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O : สัญญาจ้าง
Project Name : Project AIE Rayong
Project Location :
Sample No. : 22133617-21
Parameter : เสียงรบกวน
Location : N3 (หอรบนาเกลือ) (GPS 47P 0730757,1407391)
Measurement Date : Dec 02 - 03, 2022
Measurement by : Santi Chaichana
Sound Level Meter : 00472127

Lot ID: 22133617
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report Number : 2518865-1

Page 2 of 3

รณภูมิเสียง (dB(A))								
เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	ผลต่างระดับเสียง	ส่วนเกินค่า	ปรับค่าเสียงจากแหล่งกำเนิด		เสียงที่รบกวน	ค่าระดับการรบกวน
					กลางคืน	กลางวัน		
12:20 AM - 12:25 AM	42.7	46.8	-4.1	7.0	-	38.7	42.2	-3.5
12:25 AM - 12:30 AM	42.8	44.8	-2.0	7.0	-	38.8	42.4	-3.6
12:30 AM - 12:35 AM	46.3	45.9	0.4	7.0	-	42.3	42.5	-0.2
12:35 AM - 12:40 AM	42.7	46.8	-4.1	7.0	-	38.7	42.1	-3.4
12:40 AM - 12:45 AM	42.9	44.2	-1.3	7.0	-	38.9	41.1	-2.2
12:45 AM - 12:50 AM	42.6	46.5	-3.9	7.0	-	38.6	42.5	-3.9
12:50 AM - 12:55 AM	42.8	44.3	-1.5	7.0	-	38.8	41.3	-2.5
12:55 AM - 01:00 AM	43.0	45.2	-2.2	7.0	-	39.0	41.3	-2.3
01:00 AM - 01:05 AM	44.5	44.6	-0.1	7.0	-	40.5	41.6	-1.1
01:05 AM - 01:10 AM	42.4	44.9	-2.5	7.0	-	38.4	41.1	-2.7
01:10 AM - 01:15 AM	43.0	43.9	-0.9	7.0	-	39.0	40.5	-1.5
01:15 AM - 01:20 AM	43.8	45.8	-2.0	7.0	-	39.0	41.7	-2.7
01:20 AM - 01:25 AM	43.6	45.6	-2.0	7.0	-	39.6	41.3	-1.7
01:25 AM - 01:30 AM	43.8	42.9	0.9	7.0	-	39.8	40.5	-0.7
01:30 AM - 01:35 AM	44.6	42.8	1.8	4.5	-	43.1	40.3	2.8
01:35 AM - 01:40 AM	43.4	42.2	1.2	7.0	-	39.4	40.7	-1.3
01:40 AM - 01:45 AM	46.4	45.4	1.0	7.0	-	42.4	41.0	1.4
01:45 AM - 01:50 AM	54.6	44.3	10.3	0.5	-	57.1	40.5	16.6
01:50 AM - 01:55 AM	65.0	49.0	16.0	0.0	-	68.0	39.9	28.1
01:55 AM - 02:00 AM	41.1	44.4	-3.3	7.0	-	39.1	39.5	-0.4
02:00 AM - 02:05 AM	41.8	46.2	-4.4	7.0	-	37.8	40.1	-2.3
02:05 AM - 02:10 AM	42.7	45.4	-2.7	7.0	-	38.7	41.1	-2.4
02:10 AM - 02:15 AM	42.4	44.8	-2.4	7.0	-	38.4	40.8	-2.4
02:15 AM - 02:20 AM	42.6	45.0	-2.4	7.0	-	38.6	40.7	-2.1
02:20 AM - 02:25 AM	42.5	45.0	-2.5	7.0	-	38.5	39.9	-1.4
02:25 AM - 02:30 AM	43.1	45.4	-2.3	7.0	-	39.1	39.3	-0.2
02:30 AM - 02:35 AM	43.1	55.5	-12.4	7.0	-	39.1	39.3	-0.2
02:35 AM - 02:40 AM	43.3	45.1	-1.8	7.0	-	39.3	40.1	-0.8
02:40 AM - 02:45 AM	41.5	45.8	-4.3	7.0	-	37.5	40.5	-3.0
02:45 AM - 02:50 AM	41.8	44.5	-2.7	7.0	-	37.8	39.7	-1.9
02:50 AM - 02:55 AM	41.6	43.3	-1.7	7.0	-	37.6	39.4	-1.8
02:55 AM - 03:00 AM	42.0	42.7	-0.7	7.0	-	38.0	39.5	-1.5
03:00 AM - 03:05 AM	41.7	45.2	-3.5	7.0	-	37.7	39.6	-1.9
03:05 AM - 03:10 AM	42.4	43.8	-1.4	7.0	-	38.4	39.4	-1.0
03:10 AM - 03:15 AM	42.9	43.9	-1.0	7.0	-	38.9	39.5	-0.6
03:15 AM - 03:20 AM	42.5	43.5	-1.0	7.0	-	38.5	40.4	-1.9
03:20 AM - 03:25 AM	44.6	43.7	0.9	7.0	-	40.6	40.1	0.5
03:25 AM - 03:30 AM	56.7	42.7	14.0	0.0	-	59.7	39.3	19.4
03:30 AM - 03:35 AM	45.5	43.0	0.5	7.0	-	39.5	39.4	0.1
03:35 AM - 03:40 AM	44.2	44.6	-0.4	7.0	-	40.2	40.2	0.0



Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silo 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : สัญญาจ้าง
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22133617
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report Number : 2518886-1

Sample No. 22133617-22
Parameter เสียงรบกวน
Location N4 (ท่าอากาศยานดอนเมือง) (GPS 47P 0727280,1406871)
Measurement Date Nov 26 - 27, 2022
Measurement by Santi Chaichana
Sound Level Meter 00873057

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เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	ผลต่างระดับเสียง	ตัวปรับค่า	ปรับค่าเสียงจากแหล่งกำเนิด		เสียงที่ฐาน	ค่าระดับการรบกวน
					ค่าจริง	ค่าปรับ		
12:20 AM - 12:25 AM	45.1	43.3	2.0	4.5	43.8	41.7	2.1	-
12:25 AM - 12:30 AM	45.2	44.4	0.8	7.0	41.2	42.7	-1.5	-
12:30 AM - 12:35 AM	44.5	44.6	-0.1	7.0	40.5	41.1	-0.6	-
12:35 AM - 12:40 AM	43.7	44.4	-0.7	7.0	39.7	41.0	-1.3	-
12:40 AM - 12:45 AM	46.1	44.5	1.6	4.5	44.6	42.6	2.0	-
12:45 AM - 12:50 AM	46.1	43.4	2.7	3.0	46.1	42.1	4.0	-
12:50 AM - 12:55 AM	46.4	44.2	2.2	4.5	44.9	43.0	1.9	-
12:55 AM - 01:00 AM	45.7	44.4	1.3	7.0	41.7	43.4	-1.7	-
01:00 AM - 01:05 AM	45.1	44.4	0.7	7.0	41.1	42.5	-1.4	-
01:05 AM - 01:10 AM	45.1	43.1	2.0	4.5	43.6	41.9	1.7	-
01:10 AM - 01:15 AM	45.3	42.8	2.5	3.0	45.3	41.9	3.4	-
01:15 AM - 01:20 AM	44.9	42.3	2.6	3.0	44.9	41.1	3.8	-
01:20 AM - 01:25 AM	43.0	41.8	1.2	7.0	39.0	40.4	-1.4	-
01:25 AM - 01:30 AM	46.2	42.2	4.0	2.0	47.2	40.5	6.7	-
01:30 AM - 01:35 AM	42.7	43.4	-0.7	7.0	38.7	41.4	-2.7	-
01:35 AM - 01:40 AM	42.8	43.2	-0.4	7.0	38.8	41.8	-3.0	-
01:40 AM - 01:45 AM	42.1	43.1	-1.0	7.0	38.4	42.3	-3.9	-
01:45 AM - 01:50 AM	43.0	44.6	-1.6	7.0	39.0	43.1	-4.1	-
01:50 AM - 01:55 AM	43.2	45.5	-2.3	7.0	39.2	43.8	-4.6	-
01:55 AM - 02:00 AM	43.2	46.0	-2.8	7.0	39.2	44.5	-5.3	-
02:00 AM - 02:05 AM	43.7	44.3	-0.6	7.0	39.7	43.4	-3.7	-
02:05 AM - 02:10 AM	44.8	44.3	0.5	7.0	40.8	43.5	-2.7	-
02:10 AM - 02:15 AM	45.9	44.6	1.3	7.0	41.9	43.6	-1.7	-
02:15 AM - 02:20 AM	45.2	45.0	0.2	7.0	41.2	44.2	-3.0	-
02:20 AM - 02:25 AM	44.4	45.0	-0.6	7.0	40.4	44.4	-4.0	-
02:25 AM - 02:30 AM	44.8	45.4	-0.6	7.0	40.8	44.7	-3.9	-
02:30 AM - 02:35 AM	45.8	45.7	0.1	7.0	41.8	44.6	-2.8	-
02:35 AM - 02:40 AM	45.9	45.0	0.9	7.0	41.9	44.0	-2.1	-
02:40 AM - 02:45 AM	45.7	45.5	0.2	7.0	41.7	44.4	-2.7	-
02:45 AM - 02:50 AM	45.8	46.5	-0.7	7.0	41.8	45.4	-3.6	-
02:50 AM - 02:55 AM	45.8	46.5	-0.7	7.0	41.8	45.4	-3.6	-
02:55 AM - 03:00 AM	44.9	45.0	-0.1	7.0	40.9	44.1	-3.4	-
03:00 AM - 03:05 AM	46.1	44.8	1.3	7.0	42.1	43.5	-1.2	-
03:05 AM - 03:10 AM	46.2	46.5	-0.3	7.0	42.2	45.4	-3.2	-
03:10 AM - 03:15 AM	45.4	44.8	0.6	7.0	41.4	44.2	-2.8	-
03:15 AM - 03:20 AM	44.8	46.1	-1.3	7.0	40.8	45.3	-4.5	-
03:20 AM - 03:25 AM	45.2	46.2	-1.0	7.0	41.2	45.3	-4.1	-
03:25 AM - 03:30 AM	45.3	47.2	-1.9	7.0	41.3	46.3	-5.0	-
03:30 AM - 03:35 AM	44.9	47.1	-2.2	7.0	40.9	46.5	-5.6	-
03:35 AM - 03:40 AM	45.7	46.8	-1.1	7.0	41.7	45.5	-3.8	-

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or its contents shall be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silo 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : สัญญาจ้าง
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22133617
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report Number : 2518887-1

Sample No. 22133617-23
Parameter เสียงรบกวน
Location N4 (ท่าอากาศยานดอนเมือง) (GPS 47P 0727280,1406871)
Measurement Date Nov 27 - 28, 2022
Measurement by Santi Chaichana
Sound Level Meter 00873057

Page 1 of 2

เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	ผลต่างระดับเสียง	ตัวปรับค่า	ปรับค่าเสียงจากแหล่งกำเนิด		เสียงที่ฐาน	ค่าระดับการรบกวน
					ค่าจริง	ค่าปรับ		
10:00 AM - 10:05 AM	46.2	43.8	2.4	4.5	41.7	42.6	-0.9	-
10:05 AM - 10:10 AM	46.8	41.7	5.1	1.5	45.3	40.0	5.3	-
10:10 AM - 10:15 AM	46.7	42.1	4.6	1.5	45.2	40.1	5.1	-
10:15 AM - 10:20 PM	45.3	39.8	5.5	1.5	43.8	37.9	5.9	-
02:00 PM - 03:00 PM	41.8	39.9	1.9	4.5	37.3	38.7	-1.4	-
03:00 PM - 04:00 PM	44.3	41.5	2.8	3.0	41.3	39.9	1.4	-
04:00 PM - 05:00 PM	45.9	41.0	4.9	1.5	44.4	39.6	4.8	-
05:00 PM - 06:00 PM	46.8	42.8	4.0	2.0	44.8	41.4	3.4	-
06:00 PM - 07:00 PM	50.7	44.5	6.2	1.5	49.2	43.5	5.7	-
07:00 PM - 08:00 PM	49.9	45.6	4.3	2.0	47.9	44.7	3.2	-
08:00 PM - 09:00 PM	50.9	47.9	3.0	3.0	47.9	46.3	1.6	-
09:00 PM - 10:00 PM	48.8	47.8	1.0	7.0	41.8	46.4	-4.6	-
10:00 PM - 10:05 PM	49.8	47.7	2.1	4.5	47.3	46.9	0.4	-
10:05 PM - 10:10 PM	49.8	47.8	2.0	4.5	47.3	46.7	0.6	-
10:10 PM - 10:15 PM	49.7	48.0	1.7	4.5	47.2	46.6	0.6	-
10:15 PM - 10:20 PM	49.0	47.8	1.2	7.0	45.0	47.0	-2.0	-
10:20 PM - 10:25 PM	48.8	47.5	1.3	7.0	44.8	46.7	-1.9	-
10:25 PM - 10:30 PM	49.3	47.0	2.3	4.5	47.8	46.2	1.6	-
10:30 PM - 10:35 PM	48.5	46.5	2.0	4.5	47.0	45.7	1.3	-
10:35 PM - 10:40 PM	48.6	45.3	3.3	3.0	48.6	44.3	4.3	-
10:40 PM - 10:45 PM	47.8	44.5	3.3	3.0	47.8	43.9	3.9	-
10:45 PM - 10:50 PM	47.3	44.2	3.1	3.0	47.3	43.6	3.7	-
10:50 PM - 10:55 PM	46.8	44.5	2.3	4.5	45.3	43.8	1.5	-
10:55 PM - 11:00 PM	45.4	45.6	-0.2	7.0	41.4	43.8	-2.4	-
11:00 PM - 11:05 PM	43.6	44.9	-1.3	7.0	41.6	44.4	-2.8	-
11:05 PM - 11:10 PM	44.5	45.0	-0.5	7.0	40.5	44.2	-3.7	-
11:10 PM - 11:15 PM	45.2	45.3	-0.1	7.0	41.2	44.5	-3.3	-
11:15 PM - 11:20 PM	45.3	45.0	0.3	7.0	41.3	44.4	-3.1	-
11:20 PM - 11:25 PM	45.4	41.8	3.6	4.5	41.9	43.0	0.9	-
11:25 PM - 11:30 PM	45.3	43.5	1.8	4.5	43.8	42.9	0.9	-
11:30 PM - 11:35 PM	46.2	44.0	2.2	2.0	49.2	43.3	5.9	-
11:35 PM - 11:40 PM	48.5	44.9	3.6	3.0	46.5	44.1	2.4	-
11:40 PM - 11:45 PM	44.4	41.6	2.8	7.0	40.4	43.0	-2.6	-
11:45 PM - 11:50 PM	43.9	44.2	-0.3	7.0	39.9	43.6	-3.7	-
11:50 PM - 11:55 PM	44.9	44.2	0.7	7.0	40.9	43.5	-2.6	-
11:55 PM - 12:00 AM	44.5	44.6	-0.1	7.0	40.5	42.8	-2.3	-
12:00 AM - 12:05 AM	44.4	44.4	0.0	7.0	40.4	42.8	-2.4	-
12:05 AM - 12:10 AM	45.3	44.8	0.5	7.0	41.3	43.7	-2.9	-
12:10 AM - 12:15 AM	46.0	44.6	1.4	7.0	42.0	44.0	-2.0	-
12:15 AM - 12:20 AM	46.3	44.7	1.6	4.5	44.8	44.0	0.8	-

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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silo 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : สัญญาจ้าง
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22133617
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report Number : 2518886-1

Sample No. 22133617-22
Parameter เสียงรบกวน
Location N4 (ท่าอากาศยานดอนเมือง) (GPS 47P 0727280,1406871)
Measurement Date Nov 26 - 27, 2022
Measurement by Santi Chaichana
Sound Level Meter 00873057

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ตารางบันทึกเสียง (dB(A))								
เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	ผลต่างระดับเสียง	ตัวปรับค่า	ปรับค่าเสียงจากแหล่งกำเนิดตามจริง	เสียงที่ฐาน	ค่าระดับการรบกวน	
03:40 AM - 03:45 AM	45.9	44.9	1.0	7.0	-	41.9	43.9	-2.0
03:45 AM - 03:50 AM	47.1	46.6	0.5	7.0	-	43.1	45.5	-2.4
03:50 AM - 03:55 AM	46.1	46.1	0.0	7.0	-	42.1	44.7	-2.6
03:55 AM - 04:00 AM	45.6	45.0	0.6	7.0	-	41.6	44.2	-2.6
04:00 AM - 04:05 AM	46.2	45.4	0.8	7.0	-	42.2	44.4	-2.2
04:05 AM - 04:10 AM	46.4	43.5	2.9	3.0	-	46.4	42.3	4.1
04:10 AM - 04:15 AM	46.1	45.3	0.8	7.0	-	42.1	44.4	-2.3
04:15 AM - 04:20 AM	46.2	43.8	2.4	4.5	-	44.7	42.8	1.9
04:20 AM - 04:25 AM	38.7	43.6	-4.9	7.0	-	38.7	42.6	-3.9
04:25 AM - 04:30 AM	43.9	44.3	-0.4	7.0	-	39.9	43.5	-3.6
04:30 AM - 04:35 AM	51.6	44.7	6.9	1.0	-	51.6	43.7	7.9
04:35 AM - 04:40 AM	56.8	43.7	13.1	0.0	-	56.8	43.2	13.6
04:40 AM - 04:45 AM	43.5	44.3	-0.8	7.0	-	39.5	43.5	-4.0
04:45 AM - 04:50 AM	44.3	44.4	-0.1	7.0	-	40.3	43.7	-3.4
04:50 AM - 04:55 AM	43.8	43.2	0.6	7.0	-	39.8	42.3	-2.5
04:55 AM - 05:00 AM	44.4	45.1	-0.7	7.0	-	40.4	42.9	-2.5
05:00 AM - 05:05 AM	44.9	44.4	0.5	7.0	-	40.9	43.0	-2.1
05:05 AM - 05:10 AM	44.4	45.2	-0.8	7.0	-	40.4	43.2	-2.8
05:10 AM - 05:15 AM	43.7	44.4	-0.7	7.0	-	39.7	42.6	-2.9
05:15 AM - 05:20 AM	44.7	44.0	0.7	7.0	-	40.7	42.7	-2.0
05:20 AM - 05:25 AM	43.8	44.0	-0.2	7.0	-	39.8	43.2	-3.4
05:25 AM - 05:30 AM	44.0	43.9	0.1	7.0	-	40.0	43.2	-3.2
05:30 AM - 05:35 AM	43.1	44.7	-1.6	7.0	-	39.1	43.3	-4.2
05:35 AM - 05:40 AM	46.0	45.8	0.2	7.0	-	42.0	43.5	-1.5
05:40 AM - 05:45 AM	45.0	47.1	-2.1	7.0	-	41.0	44.7	-3.7
05:45 AM - 05:50 AM	46.7	47.1	-0.4	7.0	-	42.7	43.7	-1.0
05:50 AM - 05:55 AM	44.6	47.8	-3.2	7.0	-	40.6	45.0	-4.4
05:55 AM - 06:00 AM	46.7	47.8	-0.9	7.0	-	42.7	45.6	-2.9
06:00 AM - 07:00 AM	50.2	48.2	2.0	4.5	45.7	45.6	0.1	-
07:00 AM - 08:00 AM	51.4	47.8	3.5	2.0	49.4	-	45.0	4.4
08:00 AM - 09:00 AM	55.3	44.3	11.0	0.5	54.8	-	42.2	12.6
09:00 AM - 10:00 AM	45.2	45.0	0.2	7.0	38.2	-	43.1	2.1
								± 1.0



Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Sliom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O : 899999
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22133617
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report Number : 2518888-1

Sample No. : 22133617-23
Parameter : เสียงรบกวน
Location : N4 (ทางเข้าพื้นที่นิคมอุตสาหกรรม) (GPS 47P 0727280,1406871)
Measurement Date : Nov 27 - 28, 2022
Measurement by : Santi Chaichana
Sound Level Meter : 00873057

Page 3 of 3

เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	ผลต่างระดับเสียง	ค่าปรับค่า	ปรับค่าเสียงจากแหล่งกำเนิด		เสียงที่ตรวจ	ค่าระดับการรบกวน
					กลางวัน	กลางคืน		
03:40 AM - 03:45 AM	44.6	46.6	-2.0	7.0	-	-	40.6	-5.0
03:45 AM - 03:50 AM	45.0	46.9	-1.9	7.0	-	-	41.0	-4.8
03:50 AM - 03:55 AM	44.9	46.5	-1.6	7.0	-	-	40.9	-3.8
03:55 AM - 04:00 AM	45.1	44.9	0.2	7.0	-	-	42.3	-0.7
04:00 AM - 04:05 AM	46.8	46.2	0.6	7.0	-	-	42.8	-1.8
04:05 AM - 04:10 AM	60.3	46.5	13.8	0.0	-	-	63.3	18.0
04:10 AM - 04:15 AM	47.5	46.9	0.6	7.0	-	-	43.5	-2.8
04:15 AM - 04:20 AM	45.1	45.8	-0.7	7.0	-	-	40.2	-4.7
04:20 AM - 04:25 AM	46.1	44.4	1.7	4.5	-	-	44.6	3.9
04:25 AM - 04:30 AM	47.7	41.9	5.8	1.5	-	-	49.2	4.0
04:30 AM - 04:35 AM	45.8	41.9	3.9	2.0	-	-	46.8	6.5
04:35 AM - 04:40 AM	45.1	42.7	2.4	4.5	-	-	43.6	11.0
04:40 AM - 04:45 AM	42.6	41.8	0.8	7.0	-	-	38.6	-1.8
04:45 AM - 04:50 AM	42.4	41.9	0.5	7.0	-	-	38.4	-2.4
04:50 AM - 04:55 AM	42.9	44.1	-1.2	7.0	-	-	38.9	-4.2
04:55 AM - 05:00 AM	42.4	43.9	-1.5	7.0	-	-	38.4	-4.1
05:00 AM - 05:05 AM	42.6	41.9	0.7	7.0	-	-	38.6	-1.9
05:05 AM - 05:10 AM	43.4	42.3	1.1	7.0	-	-	39.4	-1.1
05:10 AM - 05:15 AM	43.6	41.9	1.7	4.5	-	-	42.1	1.7
05:15 AM - 05:20 AM	43.0	42.9	0.1	7.0	-	-	39.0	-2.0
05:20 AM - 05:25 AM	42.4	43.9	-1.5	7.0	-	-	38.4	-3.9
05:25 AM - 05:30 AM	42.8	42.3	0.5	7.0	-	-	38.8	-2.1
05:30 AM - 05:35 AM	43.1	42.6	0.5	7.0	-	-	39.1	-1.4
05:35 AM - 05:40 AM	44.0	50.5	-6.5	7.0	-	-	40.0	-1.5
05:40 AM - 05:45 AM	43.7	51.6	-7.9	7.0	-	-	39.7	-1.6
05:45 AM - 05:50 AM	43.6	52.0	-8.4	7.0	-	-	39.6	-5.6
05:50 AM - 05:55 AM	44.0	48.1	-4.1	7.0	-	-	40.0	-5.4
05:55 AM - 06:00 AM	44.7	47.2	-2.4	7.0	-	-	40.7	-3.8
06:00 AM - 07:00 AM	50.8	49.4	1.4	7.0	43.8	-	47.2	-3.4
07:00 AM - 08:00 AM	55.3	52.0	3.3	3.0	52.0	-	49.8	2.5
08:00 AM - 09:00 AM	56.9	42.9	14.0	0.0	56.9	-	35.5	18.4
09:00 AM - 10:00 AM	44.0	40.8	3.2	3.0	41.0	-	39.4	≤ 10

Reference Method : Based on ISO 1996-1 and ISO 1996-2

หมายเหตุ

1. โปรดทราบว่าผลการตรวจวัดเสียงรบกวนเป็นค่าเฉลี่ยของค่าที่ได้จากการประมาณการโดยโรงงาน พ.ศ. 2568
2. โปรดทราบว่าผลการตรวจวัดเสียงรบกวนเป็นค่าเฉลี่ยของค่าที่ได้จากการประมาณการโดยโรงงาน พ.ศ. 2553
3. โปรดทราบว่าผลการตรวจวัดเสียงรบกวนเป็นค่าเฉลี่ยของค่าที่ได้จากการประมาณการโดยโรงงาน พ.ศ. 2561

ระดับเสียงที่ตรวจวัดและระดับเสียงที่คำนวณได้จากการตรวจวัด (Sample No. 22133617-23 วันที่ตรวจวัด 27-28 พฤศจิกายน 2565)

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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Sliom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O : 899999
Project Name : Project AIE Rayong
Project Location :

Sample No. : 22133617-24
Parameter : เสียงรบกวน
Location : N4 (ทางเข้าพื้นที่นิคมอุตสาหกรรม) (GPS 47P 0727280,1406871)
Measurement Date : Nov 28 - 29, 2022
Measurement by : Santi Chaichana
Sound Level Meter : 00873057

Page 1 of 3

เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	ผลต่างระดับเสียง	ค่าปรับค่า	ปรับค่าเสียงจากแหล่งกำเนิด		เสียงที่ตรวจ	ค่าระดับการรบกวน
					กลางวัน	กลางคืน		
10:00 AM - 11:00 AM	45.3	41.5	3.8	2.0	43.3	-	40.3	3.0
11:00 AM - 12:00 PM	47.0	42.1	4.9	1.5	45.5	-	40.2	5.3
12:00 PM - 01:00 PM	47.8	42.7	5.1	1.5	46.3	-	40.9	5.4
01:00 PM - 02:00 PM	45.2	43.5	1.7	0.5	51.7	-	41.5	10.2
02:00 PM - 03:00 PM	44.2	41.7	2.5	3.0	41.2	-	40.5	0.7
03:00 PM - 04:00 PM	44.5	40.8	3.7	2.0	42.5	-	38.6	3.9
04:00 PM - 05:00 PM	43.9	41.4	2.5	3.0	40.9	-	39.5	1.4
05:00 PM - 06:00 PM	44.5	44.4	0.1	0.5	54.0	-	40.8	13.1
06:00 PM - 07:00 PM	51.3	44.8	6.5	1.0	50.3	-	43.0	7.3
07:00 PM - 08:00 PM	51.3	44.8	6.5	1.0	50.3	-	42.8	7.5
08:00 PM - 09:00 PM	53.4	45.9	7.5	0.5	52.9	-	44.4	8.5
09:00 PM - 10:00 PM	50.3	45.4	4.9	1.5	46.8	-	43.8	5.0
10:00 PM - 10:05 PM	47.5	44.6	2.9	3.0	-	-	47.5	4.4
10:05 PM - 10:10 PM	44.2	42.7	1.5	3.0	-	-	46.9	4.2
10:10 PM - 10:15 PM	47.0	44.5	2.5	3.0	-	-	47.0	4.3
10:15 PM - 10:20 PM	47.2	44.8	2.4	4.5	-	-	45.7	4.3
10:20 PM - 10:25 PM	47.3	46.4	0.9	7.0	-	-	42.3	-0.2
10:25 PM - 10:30 PM	47.0	45.5	1.5	4.5	-	-	45.5	4.2
10:30 PM - 10:35 PM	46.6	44.4	2.2	4.5	-	-	45.1	2.8
10:35 PM - 10:40 PM	46.0	44.4	1.6	4.5	-	-	44.5	1.8
10:40 PM - 10:45 PM	47.0	45.6	1.4	7.0	-	-	43.0	-1.0
10:45 PM - 10:50 PM	50.1	46.5	3.6	2.0	-	-	51.1	44.9
10:50 PM - 10:55 PM	45.9	44.6	1.3	7.0	-	-	41.9	-1.4
10:55 PM - 11:00 PM	45.2	45.2	0.0	7.0	-	-	41.7	-2.6
11:00 PM - 11:05 PM	46.1	44.6	1.5	4.5	-	-	44.6	3.5
11:05 PM - 11:10 PM	46.5	45.4	1.1	7.0	-	-	42.5	-1.6
11:10 PM - 11:15 PM	46.3	45.5	0.8	7.0	-	-	42.1	-2.1
11:15 PM - 11:20 PM	46.0	45.7	0.3	7.0	-	-	42.0	-1.0
11:20 PM - 11:25 PM	47.9	42.8	5.1	1.5	-	-	49.4	4.5
11:25 PM - 11:30 PM	47.1	43.8	3.3	3.0	-	-	47.1	4.2
11:30 PM - 11:35 PM	45.4	44.7	0.7	7.0	-	-	41.4	-2.6
11:35 PM - 11:40 PM	46.8	45.8	1.0	7.0	-	-	42.8	-1.8
11:40 PM - 11:45 PM	45.8	44.4	1.4	7.0	-	-	41.8	-2.9
11:45 PM - 11:50 PM	45.3	43.5	1.8	4.5	-	-	43.8	0.2
11:50 PM - 11:55 PM	45.7	46.1	-0.4	7.0	-	-	41.7	-2.8
11:55 PM - 12:00 AM	46.7	47.4	-0.7	7.0	-	-	42.7	-0.5
12:00 AM - 12:05 AM	46.2	46.8	-0.6	7.0	-	-	42.2	-3.6
12:05 AM - 12:10 AM	45.6	47.0	-1.4	7.0	-	-	41.6	-4.7
12:10 AM - 12:15 AM	46.0	48.2	-0.2	7.0	-	-	44.0	-5.2
12:15 AM - 12:20 AM	47.0	45.8	1.2	7.0	-	-	43.0	-2.0

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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Sliom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O : 899999
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22133617
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report Number : 2518888-1

Sample No. : 22133617-24
Parameter : เสียงรบกวน
Location : N4 (ทางเข้าพื้นที่นิคมอุตสาหกรรม) (GPS 47P 0727280,1406871)
Measurement Date : Nov 28 - 29, 2022
Measurement by : Santi Chaichana
Sound Level Meter : 00873057

Page 2 of 3

เวลา	ระดับเสียง (dB(A))				ปรับค่าเสียงจากแหล่งกำเนิด	เสียงที่ตรวจ	ค่าระดับการรบกวน
	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	ผลต่างระดับเสียง	ค่าปรับค่า			
12:20 AM - 12:25 AM	47.0	47.0	0.0	7.0	-	43.0	-3.0
12:25 AM - 12:30 AM	49.7	45.8	3.9	2.0	-	50.7	4.7
12:30 AM - 12:35 AM	47.9	46.4	1.5	4.5	-	46.4	-1.7
12:35 AM - 12:40 AM	47.2	48.0	-0.8	7.0	-	43.2	-4.0
12:40 AM - 12:45 AM	46.8	49.1	-2.3	7.0	-	42.8	-4.0
12:45 AM - 12:50 AM	45.8	46.2	-0.4	7.0	-	41.8	-3.5
12:50 AM - 12:55 AM	47.4	46.5	0.9	7.0	-	43.4	-1.6
12:55 AM - 01:00 AM	46.5	44.4	2.1	2.0	-	41.0	-3.0
01:00 AM - 01:05 AM	46.9	43.5	3.4	3.0	-	46.9	5.0
01:05 AM - 01:10 AM	46.2	43.2	3.0	3.0	-	46.2	4.4
01:10 AM - 01:15 AM	46.2	45.1	1.1	7.0	-	42.2	-1.1
01:15 AM - 01:20 AM	45.0	45.1	-0.1	7.0	-	41.0	-3.0
01:20 AM - 01:25 AM	44.3	45.3	-1.0	7.0	-	40.3	-4.4
01:25 AM - 01:30 AM	44.4	44.4	0.0	1.5	-	51.9	43.8
01:30 AM - 01:35 AM	44.3	44.4	-0.1	7.0	-	40.3	-2.8
01:35 AM - 01:40 AM	46.1	45.9	0.2	7.0	-	42.1	-0.9
01:40 AM - 01:45 AM	45.7	45.0	0.7	7.0	-	41.7	-2.7
01:45 AM - 01:50 AM	45.6	44.6	1.0	7.0	-	41.6	-2.2
01:50 AM - 01:55 AM	46.3	46.7	-0.4	7.0	-	42.3	-2.6
01:55 AM - 02:00 AM	46.7	45.1	1.6	4.5	-	45.2	0.8
02:00 AM - 02:05 AM	45.9	45.9	0.0	7.0	-	41.9	-2.6
02:05 AM - 02:10 AM	46.5	47.5	-1.0	7.0	-	42.5	-4.4
02:10 AM - 02:15 AM	46.7	47.3	-0.6	7.0	-	42.7	-4.0
02:15 AM - 02:20 AM	46.8	46.4	0.4	7.0	-	41.8	-2.7
02:20 AM - 02:25 AM	49.0	46.5	2.5	3.0	-	49.0	3.4
02:25 AM - 02:30 AM	49.9	46.7	3.2	3.0	-	49.9	3.8
02:30 AM - 02:35 AM	51.6	47.3	4.3	1.5	-	53.1	46.1
02:35 AM - 02:40 AM	47.0	46.7	0.3	7.0	-	43.0	-1.0
02:40 AM - 02:45 AM	46.9	45.9	1.0	7.0	-	42.9	-4.0
02:45 AM - 02:50 AM	46.1	46.1	0.0	7.0	-	42.1	-3.1
02:50 AM - 02:55 AM	46.0	45.5	0.5	7.0	-	42.0	-2.0
02:55 AM - 03:00 AM	45.9	44.0	1.9	4.5	-	44.8	1.2
03:00 AM - 03:05 AM	45.8	46.5	-0.7	7.0	-	41.8	-3.4
03:05 AM - 03:10 AM	47.6	46.2	1.4	7.0	-	43.6	-1.0
03:10 AM - 03:15 AM	44.7	46.2	-1.5	4.5	-	43.2	-1.6
03:15 AM - 03:20 AM	46.4	43.6	2.8	3.0	-	46.4	0.3
03:20 AM - 03:25 AM	47.0	43.5	3.5	2.0	-	48.0	4.5
03:25 AM - 03:30 AM	45.2	42.3	2.9	3.0	-	45.2	3.9
03:30 AM - 03:35 AM	43.4	45.3	-2.1	4.5	-	41.9	3.9
03:35 AM - 03:40 AM	43.8	41.1	2.7	4.5	-	41.8	4.1



Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : สัญญาจ้าง
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22133617
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report Number : 2518899-1

Page 1 of 3

Sample No. 22133617-25
Parameter เลื่อนรบกวน
Location N4 (ทางเข้าพื้นที่จอดรถ) (GPS 47P 0727280,1406871)
Measurement Date Nov 29 - 30, 2022
Measurement by Santi Chaichana
Sound Level Meter 00873057

เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	ผลต่าง	ตัวปรับค่า	ระดับเสียง (dB(A))		เสียงที่รบกวน	ค่าระดับการรบกวน
					ค่าจริง	ค่าปรับ		
10:00 AM - 11:00 AM	48.4	41.4	7.0	1.0	47.4	-	39.8	7.6
11:00 AM - 12:00 PM	46.6	41.3	5.3	1.5	45.1	-	39.8	5.3
12:00 PM - 01:00 PM	48.6	41.8	6.8	1.0	47.6	-	40.5	7.1
01:00 PM - 02:00 PM	48.6	41.7	6.9	1.0	47.6	-	39.5	8.0
02:00 PM - 03:00 PM	46.7	50.8	-4.1	7.0	39.7	-	39.5	0.2
03:00 PM - 04:00 PM	49.7	46.6	3.1	0.5	49.2	-	37.0	12.2
04:00 PM - 05:00 PM	47.4	44.1	3.3	3.0	44.4	-	37.3	7.1
05:00 PM - 06:00 PM	55.9	51.8	4.1	2.0	53.9	-	46.3	5.4
06:00 PM - 07:00 PM	51.4	48.3	3.1	3.0	48.4	-	47.1	1.3
07:00 PM - 08:00 PM	52.0	48.8	3.2	3.0	49.0	-	47.6	1.4
08:00 PM - 09:00 PM	52.0	48.6	3.4	3.0	49.0	-	47.3	1.9
09:00 PM - 10:00 PM	50.3	49.0	1.3	4.5	45.8	-	47.5	-1.8
10:00 PM - 10:55 PM	48.5	47.4	1.1	7.0	-	-	44.5	45.0
10:55 PM - 11:00 PM	48.6	47.2	1.4	7.0	-	-	44.6	45.3
11:00 PM - 11:05 PM	48.6	47.5	1.1	7.0	-	-	44.6	45.2
11:05 PM - 11:10 PM	47.9	49.6	-1.7	7.0	-	-	43.9	48.0
11:10 PM - 11:15 PM	47.3	49.3	-2.0	7.0	-	-	43.3	48.7
11:15 PM - 11:20 PM	48.6	47.5	1.1	7.0	-	-	44.6	45.5
11:20 PM - 11:25 PM	50.0	48.0	2.0	4.5	-	-	48.5	47.2
11:25 PM - 11:30 PM	52.6	48.6	4.0	2.0	-	-	53.6	47.0
11:30 PM - 11:35 PM	54.0	48.4	5.6	1.5	-	-	55.5	47.9
11:35 PM - 11:40 PM	51.7	49.5	2.2	4.5	-	-	50.2	48.3
11:40 PM - 11:45 PM	48.4	49.4	-1.0	7.0	-	-	44.4	48.2
11:45 PM - 11:50 PM	48.4	49.1	-0.7	7.0	-	-	44.1	48.1
11:50 PM - 11:55 PM	49.1	48.5	0.6	7.0	-	-	45.1	47.8
11:55 PM - 12:00 AM	49.7	47.7	1.6	4.5	-	-	47.8	46.5
12:00 AM - 12:05 AM	49.2	47.7	1.5	4.5	-	-	47.2	46.1
12:05 AM - 12:10 AM	48.2	44.0	4.2	2.0	-	-	49.6	42.1
12:10 AM - 12:15 PM	48.3	44.5	3.8	2.0	-	-	49.3	43.3
12:15 PM - 12:20 PM	49.8	44.1	5.7	1.5	-	-	51.3	42.6
12:20 PM - 12:25 PM	49.3	44.1	5.2	1.5	-	-	50.8	42.6
12:25 PM - 12:30 PM	46.4	44.9	1.5	4.5	-	-	44.9	43.1
12:30 PM - 12:35 PM	45.3	44.2	1.1	7.0	-	-	41.3	43.1
12:35 PM - 12:40 PM	52.6	46.2	6.4	1.5	-	-	54.1	44.0
12:40 PM - 12:45 PM	50.4	45.2	5.2	1.5	-	-	51.9	44.4
12:45 PM - 12:50 PM	50.0	45.0	5.0	1.5	-	-	52.4	43.1
12:50 AM - 12:55 AM	47.6	44.7	2.9	3.0	-	-	47.6	43.8
12:55 AM - 12:59 AM	45.8	45.1	0.7	7.0	-	-	41.8	43.9
12:59 AM - 01:00 AM	45.8	46.9	-1.1	7.0	-	-	41.8	45.7
12:59 AM - 01:00 AM	45.3	46.4	-1.1	7.0	-	-	41.3	45.1

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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : สัญญาจ้าง
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22133617
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report Number : 2518899-1

Page 2 of 3

Sample No. 22133617-25
Parameter เลื่อนรบกวน
Location N4 (ทางเข้าพื้นที่จอดรถ) (GPS 47P 0727280,1406871)
Measurement Date Nov 29 - 30, 2022
Measurement by Santi Chaichana
Sound Level Meter 00873057

เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	ผลต่าง	ตัวปรับค่า	ระดับเสียง (dB(A))		เสียงที่รบกวน	ค่าระดับการรบกวน
					ค่าจริง	ค่าปรับ		
12:20 AM - 12:25 AM	48.8	47.5	-2.7	7.0	-	-	44.1	-3.3
12:25 AM - 12:30 AM	47.4	45.9	1.5	4.5	-	-	45.9	44.6
12:30 AM - 12:35 AM	53.2	46.0	7.2	1.0	-	-	55.2	45.1
12:35 AM - 12:40 AM	54.5	48.0	6.5	1.0	-	-	56.5	46.3
12:40 AM - 12:45 AM	54.3	46.5	7.8	0.5	-	-	56.8	44.9
12:45 AM - 12:50 AM	54.8	46.6	8.2	0.5	-	-	57.3	44.9
12:50 AM - 12:55 AM	53.1	48.5	4.6	1.5	-	-	54.6	47.2
12:55 AM - 01:00 AM	49.1	-2.6	7.0	-	-	-	42.5	48.4
01:00 AM - 01:05 AM	43.9	48.8	-4.9	7.0	-	-	39.9	47.8
01:05 AM - 01:10 AM	46.8	48.8	-2.0	7.0	-	-	42.8	48.3
01:10 AM - 01:15 AM	47.2	48.5	-1.3	7.0	-	-	42.2	47.6
01:15 AM - 01:20 AM	47.0	47.9	-1.0	7.0	-	-	42.9	47.0
01:20 AM - 01:25 AM	47.6	47.2	0.4	7.0	-	-	43.6	44.0
01:25 AM - 01:30 AM	49.7	43.7	6.0	1.5	-	-	51.2	42.7
01:30 AM - 01:35 AM	47.0	44.3	2.7	3.0	-	-	47.0	43.0
01:35 AM - 01:40 AM	47.0	46.2	0.8	7.0	-	-	43.0	44.8
01:40 AM - 01:45 AM	44.4	45.7	-1.3	7.0	-	-	40.4	44.8
01:45 AM - 01:50 AM	45.2	44.5	0.7	7.0	-	-	41.2	43.5
01:50 AM - 01:55 AM	46.1	43.5	2.6	3.0	-	-	46.1	42.7
01:55 AM - 02:00 AM	46.5	43.7	2.8	3.0	-	-	46.5	42.3
02:00 AM - 02:05 AM	46.0	41.4	4.6	1.5	-	-	47.5	39.5
02:05 AM - 02:10 AM	45.3	46.0	-0.7	7.0	-	-	41.3	39.1
02:10 AM - 02:15 AM	51.5	43.8	7.7	0.5	-	-	54.0	40.0
02:15 AM - 02:20 AM	45.1	40.9	4.2	7.0	-	-	46.1	39.7
02:20 AM - 02:25 AM	46.2	38.3	7.9	0.5	-	-	48.7	37.2
02:25 AM - 02:30 AM	48.3	39.4	8.9	0.5	-	-	50.8	37.1
02:30 AM - 02:35 AM	43.4	41.2	2.2	7.0	-	-	41.9	39.2
02:35 AM - 02:40 AM	43.1	42.0	1.1	7.0	-	-	39.1	40.9
02:40 AM - 02:45 AM	45.5	43.7	1.8	4.5	-	-	44.0	42.2
02:45 AM - 02:50 AM	44.2	44.6	-0.4	7.0	-	-	40.2	43.4
02:50 AM - 02:55 AM	46.0	44.5	1.5	4.5	-	-	44.5	43.1
02:55 AM - 03:00 AM	45.8	46.4	-0.6	7.0	-	-	41.8	45.4
03:00 AM - 03:05 AM	48.7	46.5	2.2	4.5	-	-	47.2	45.6
03:05 AM - 03:10 AM	47.6	45.7	1.9	4.5	-	-	46.1	44.9
03:10 AM - 03:15 AM	46.7	46.1	0.6	7.0	-	-	42.7	44.8
03:15 AM - 03:20 AM	45.0	45.0	0.0	7.0	-	-	50.0	43.9
03:20 AM - 03:25 AM	46.3	46.9	-0.6	7.0	-	-	42.3	45.5
03:25 AM - 03:30 AM	46.3	47.3	-1.0	7.0	-	-	42.3	46.8
03:30 AM - 03:35 AM	44.8	47.6	-2.8	7.0	-	-	40.8	47.0
03:35 AM - 03:40 AM	47.8	47.2	0.6	7.0	-	-	43.8	46.7

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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : สัญญาจ้าง
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22133617
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report Number : 2518899-1

Page 3 of 3

Sample No. 22133617-25
Parameter เลื่อนรบกวน
Location N4 (ทางเข้าพื้นที่จอดรถ) (GPS 47P 0727280,1406871)
Measurement Date Nov 29 - 30, 2022
Measurement by Santi Chaichana
Sound Level Meter 00873057

เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	ผลต่าง	ตัวปรับค่า	ปรับค่าเสียงจากแหล่งกำเนิด		เสียงที่รบกวน	ค่าระดับการรบกวน
					ค่าจริง	ค่าปรับ		
03:40 AM - 03:45 AM	47.3	47.0	0.3	7.0	-	-	43.3	-6.5
03:45 AM - 03:50 AM	48.2	47.9	0.3	7.0	-	-	44.2	47.0
03:50 AM - 03:55 AM	48.3	47.8	0.5	7.0	-	-	44.3	47.4
03:55 AM - 04:00 AM	48.8	47.7	1.1	7.0	-	-	44.8	47.1
04:00 AM - 04:05 AM	48.6	47.7	0.9	7.0	-	-	44.6	-2.5
04:05 AM - 04:10 AM	47.9	46.7	1.2	7.0	-	-	43.9	47.6
04:10 AM - 04:15 AM	47.5	47.6	-0.1	7.0	-	-	43.5	47.1
04:15 AM - 04:20 AM	47.4	48.3	-0.9	7.0	-	-	43.4	47.6
04:20 AM - 04:25 AM	46.7	47.3	-0.6	7.0	-	-	42.7	46.4
04:25 AM - 04:30 AM	47.1	46.3	0.8	7.0	-	-	43.1	45.8
04:30 AM - 04:35 AM	48.2	46.0	2.2	4.5	-	-	46.7	45.1
04:35 AM - 04:40 AM	47.3	46.2	1.1	7.0	-	-	43.3	45.5
04:40 AM - 04:45 AM	46.7	47.0	-0.3	7.0	-	-	42.7	46.3
04:45 AM - 04:50 AM	46.8	46.9	-0.1	7.0	-	-	42.8	46.3
04:50 AM - 04:55 AM	46.3	46.7	-0.4	7.0	-	-	42.3	46.0
04:55 AM - 05:00 AM	46.7	45.4	1.3	7.0	-	-	42.7	44.3
05:00 AM - 05:05 AM	47.5	44.4	3.1	3.0	-	-	47.5	43.2
05:05 AM - 05:10 AM	46.8	45.6	1.2	7.0	-	-	42.8	43.7
05:10 AM - 05:15 AM	46.4	45.9	0.5	7.0	-	-	42.4	44.3
05:15 AM - 05:20 AM	45.6	44.6	1.0	7.0	-	-	41.6	42.7
05:20 AM - 05:25 AM	45.3	45.3	0.0	7.0	-	-	41.3	43.0
05:25 AM - 05:30 AM	48.0	44.5	3.5	2.0	-	-	49.0	42.5
05:30 AM - 05:35 AM	44.7	44.1	0.6	7.0	-	-	40.7	42.6
05:35 AM - 05:40 AM	43.8	44.0	-0.2	7.0	-	-	39.8	42.4
05:40 AM - 05:45 AM	44.5	44.1	0.4	7.0	-	-	40.5	42.2
05:45 AM - 05:50 AM	45.5	45.7	-0.2	7.0	-	-	41.5	42.5
05:50 AM - 05:55 AM	44.9	43.6	1.3	7.0	-	-	40.9	41.8
05:55 AM - 06:00 AM	45.2	46.3	-1.1	7.0	-	-	41.2	44.8
06:00 AM - 07:00 AM	51.3	50.2	1.1	7.0	-	-	48.3	-1.1
07:00 AM - 08:00 AM	56.3	48.3	8.0	0.5	-	-	55.8	-0.5
08:00 AM - 09:00 AM	55.2	39.4	15.8	0.0	-	-	55.2	-35.7
09:00 AM - 10:00 AM	43.4	37.3	6.1	1.5	-	-	34.0	7.9



Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermji Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O : สัญกรณ์
Project Name : Project AIE Rayong
Project Location :
Sample No. : 22133617-26
Parameter : เสียงรบกวน
Location : N4 (ทางเข้าพื้นที่นิคมอุตสาหกรรม) (GPS 47P 0727280,1406871)
Measurement Date : Nov 30 - 01, 2022
Measurement by : Santi Chaiachana
Sound Level Meter : 00873057

Lot ID: 22133617
Date Received: Dec 06, 2022
Date Reported: Dec 15, 2022
Report Number : 2518890-1

Page 2 of 3

เวลา	เสียงจากแหล่งกำเนิด	เสียงรบกวน	ทิศทาง	ค่าปรับ	ระดับเสียง (dB(A))		เสียงรบกวน	ค่าปรับ	ค่าเฉลี่ย
					ค่าจริง	ค่าปรับ			
12:20 AM - 12:25 AM	50.4	40.3	10.1	0.5	-	52.9	38.1	14.8	
12:25 AM - 12:30 AM	47.7	38.9	8.8	0.5	-	50.2	37.2	13.0	
12:30 AM - 12:35 AM	45.5	41.2	4.3	2.0	-	46.5	36.8	9.7	
12:35 AM - 12:40 AM	49.3	42.8	6.5	1.0	-	51.3	37.8	13.5	
12:40 AM - 12:45 AM	46.4	40.8	5.6	1.5	-	47.9	37.8	10.1	
12:45 AM - 12:50 AM	43.2	39.6	3.6	2.0	-	44.2	37.2	7.0	
12:50 AM - 12:55 AM	45.2	38.2	7.0	1.0	-	47.2	36.7	10.5	
12:55 AM - 01:00 AM	42.2	37.9	4.3	2.0	-	43.2	35.9	7.3	
01:00 AM - 01:05 AM	46.9	37.7	9.2	0.5	-	49.4	35.9	13.5	
01:05 AM - 01:10 AM	41.2	37.4	3.8	2.0	-	42.2	35.5	6.7	
01:10 AM - 01:15 AM	40.2	42.4	0.5	2.0	-	40.2	36.4	0.5	
01:15 AM - 01:20 AM	47.1	38.1	9.0	0.5	-	49.6	35.4	14.2	
01:20 AM - 01:25 AM	40.0	36.0	4.0	2.0	-	41.0	35.2	5.8	
01:25 AM - 01:30 AM	41.5	37.4	4.1	2.0	-	42.5	35.6	6.9	
01:30 AM - 01:35 AM	41.1	36.8	4.3	2.0	-	42.1	35.6	6.5	
01:35 AM - 01:40 AM	40.7	41.3	-0.6	2.0	-	38.2	35.1	1.6	
01:40 AM - 01:45 AM	40.2	40.1	0.1	2.0	-	38.2	35.0	0.4	
01:45 AM - 01:50 AM	40.1	35.6	4.5	1.5	-	41.6	34.1	7.5	
01:50 AM - 01:55 AM	42.3	36.5	5.8	1.5	-	43.8	34.1	9.7	
01:55 AM - 02:00 AM	42.2	44.1	-1.9	2.0	-	38.2	34.2	4.0	
02:00 AM - 02:05 AM	39.3	38.7	0.6	2.0	-	35.3	34.4	0.9	
02:05 AM - 02:10 AM	41.7	40.7	1.0	2.0	-	37.7	35.0	2.7	
02:10 AM - 02:15 AM	45.3	35.8	9.5	0.5	-	47.8	34.9	12.9	
02:15 AM - 02:20 AM	39.3	36.2	3.1	3.0	-	39.3	35.4	3.9	
02:20 AM - 02:25 AM	41.2	39.8	1.4	2.0	-	37.2	34.5	2.7	
02:25 AM - 02:30 AM	42.5	36.6	5.9	1.5	-	44.0	34.2	9.8	
02:30 AM - 02:35 AM	40.6	34.4	6.2	1.5	-	42.1	34.4	7.7	
02:35 AM - 02:40 AM	40.7	35.4	5.3	1.5	-	42.2	34.1	8.1	
02:40 AM - 02:45 AM	38.7	35.6	3.1	3.0	-	38.7	34.5	4.2	
02:45 AM - 02:50 AM	39.3	36.0	3.3	3.0	-	39.3	34.8	4.5	
02:50 AM - 02:55 AM	41.1	40.1	-1.0	2.0	-	34.3	34.6	-0.3	
02:55 AM - 03:00 AM	44.3	35.0	9.3	0.5	-	48.8	33.8	15.0	
03:00 AM - 03:05 AM	39.0	35.6	3.4	3.0	-	39.0	33.8	5.2	
03:05 AM - 03:10 AM	44.8	40.9	3.9	2.0	-	45.8	34.8	11.0	
03:10 AM - 03:15 AM	39.7	37.3	2.4	2.0	-	39.7	34.6	5.1	
03:15 AM - 03:20 AM	42.5	36.9	5.6	1.5	-	44.0	34.2	9.8	
03:20 AM - 03:25 AM	40.2	36.7	3.5	2.0	-	41.2	34.8	6.4	
03:25 AM - 03:30 AM	43.6	37.7	5.9	1.5	-	45.1	35.7	9.4	
03:30 AM - 03:35 AM	37.8	36.0	1.8	0.5	-	37.8	35.3	2.5	
03:35 AM - 03:40 AM	38.9	39.0	-0.1	2.0	-	34.9	38.0	-3.1	

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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermji Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O : สัญกรณ์
Project Name : Project AIE Rayong
Project Location :
Sample No. : 22133617-27
Parameter : เสียงรบกวน
Location : N4 (ทางเข้าพื้นที่นิคมอุตสาหกรรม) (GPS 47P 0727280,1406871)
Measurement Date : Dec 01 - 02, 2022
Measurement by : Santi Chaiachana
Sound Level Meter : 00873057

Lot ID: 22133617
Date Received: Dec 06, 2022
Date Reported: Dec 15, 2022
Report Number : 2518891-1

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เวลา	เสียงจากแหล่งกำเนิด	เสียงรบกวน	ทิศทาง	ค่าปรับ	ระดับเสียง (dB(A))		เสียงรบกวน	ค่าปรับ	ค่าเฉลี่ย
					ค่าจริง	ค่าปรับ			
10:00 AM - 11:00 AM	43.5	40.9	2.6	3.0	40.5	-	37.5	3.0	
11:00 AM - 12:00 PM	44.9	41.5	3.4	3.0	41.9	-	38.1	3.8	
12:00 PM - 01:00 PM	47.4	43.1	4.3	2.0	45.4	-	37.7	7.7	
01:00 PM - 02:00 PM	45.8	43.0	2.8	3.0	42.8	-	38.6	4.2	
02:00 PM - 03:00 PM	46.7	42.5	4.2	2.0	44.7	-	37.6	7.1	
03:00 PM - 04:00 PM	45.6	41.5	4.1	2.0	43.6	-	35.6	4.0	
04:00 PM - 05:00 PM	46.2	42.4	3.8	2.0	44.2	-	39.7	4.5	
05:00 PM - 06:00 PM	45.5	41.0	4.5	0.5	42.0	-	40.9	7.1	
06:00 PM - 07:00 PM	51.5	47.0	4.5	1.5	50.0	-	42.7	11.3	
07:00 PM - 08:00 PM	52.3	46.0	6.3	1.5	50.8	-	44.2	6.6	
08:00 PM - 09:00 PM	51.8	47.4	4.4	2.0	49.8	-	44.6	5.2	
09:00 PM - 10:00 PM	49.3	46.7	2.6	3.5	46.3	-	45.6	0.7	
10:00 PM - 10:05 PM	50.0	46.1	3.9	2.0	-	51.0	48.2	2.8	
10:05 PM - 10:10 PM	49.0	45.9	3.1	3.0	-	49.0	44.1	4.9	
10:10 PM - 10:15 PM	49.2	45.2	4.0	2.0	-	50.2	43.7	6.5	
10:15 PM - 10:20 PM	49.4	45.0	4.4	2.0	-	49.4	42.8	7.6	
10:20 PM - 10:25 PM	47.9	45.0	2.9	3.0	-	47.9	43.3	4.6	
10:25 PM - 10:30 PM	48.3	43.6	4.7	1.5	-	49.8	42.7	7.1	
10:30 PM - 10:35 PM	47.2	45.9	1.3	2.0	-	43.2	44.9	-1.7	
10:35 PM - 10:40 PM	47.3	45.8	1.5	4.5	-	45.8	45.2	0.6	
10:40 PM - 10:45 PM	46.4	45.6	0.8	2.0	-	42.4	44.8	-2.4	
10:45 PM - 10:50 PM	46.2	44.1	2.1	4.5	-	44.7	42.9	1.8	
10:50 PM - 10:55 PM	47.1	43.5	3.6	2.0	-	48.1	42.8	5.3	
10:55 PM - 11:00 PM	47.0	41.4	2.6	3.0	-	47.0	43.2	3.8	
11:00 PM - 11:05 PM	46.9	44.2	2.7	3.0	-	46.9	43.2	3.7	
11:05 PM - 11:10 PM	46.2	44.4	1.8	4.5	-	44.7	43.3	1.4	
11:10 PM - 11:15 PM	47.3	44.6	2.7	3.0	-	47.3	43.8	3.5	
11:15 PM - 11:20 PM	46.6	44.7	1.9	4.5	-	46.3	43.8	1.3	
11:20 PM - 11:25 PM	48.3	44.9	3.4	3.0	-	48.3	44.3	4.0	
11:25 PM - 11:30 PM	48.6	44.3	4.3	2.0	-	49.6	43.3	6.3	
11:30 PM - 11:35 PM	48.5	43.4	5.1	1.5	-	50.0	42.7	7.3	
11:35 PM - 11:40 PM	48.1	44.5	3.6	2.0	-	48.1	42.7	5.4	
11:40 PM - 11:45 PM	46.5	43.6	2.9	3.0	-	46.5	42.7	3.8	
11:45 PM - 11:50 PM	46.3	43.0	3.3	3.0	-	46.3	42.3	4.0	
11:50 PM - 11:55 PM	52.3	42.8	9.5	0.5	-	54.8	41.4	13.4	
11:55 PM - 12:00 AM	53.1	44.8	8.3	0.5	-	55.6	43.7	11.9	
12:00 AM - 12:05 AM	46.6	45.1	1.5	4.5	-	45.1	42.6	2.5	
12:05 AM - 12:10 AM	47.5	45.8	1.7	4.5	-	46.0	43.1	2.9	
12:10 AM - 12:15 AM	47.4	44.8	2.6	3.0	-	47.4	43.6	3.8	
12:15 AM - 12:20 AM	46.5	45.0	1.5	4.5	-	45.0	43.6	1.4	

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Approved by

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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermji Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O : สัญกรณ์
Project Name : Project AIE Rayong
Project Location :
Sample No. : 22133617-26
Parameter : เสียงรบกวน
Location : N4 (ทางเข้าพื้นที่นิคมอุตสาหกรรม) (GPS 47P 0727280,1406871)
Measurement Date : Nov 30 - 01, 2022
Measurement by : Santi Chaiachana
Sound Level Meter : 00873057

Lot ID: 22133617
Date Received: Dec 06, 2022
Date Reported: Dec 15, 2022
Report Number : 2518890-1

Page 3 of 3

เวลา	เสียงจากแหล่งกำเนิด	เสียงรบกวน	ระดับเสียง (dB(A))		ปรับค่าเสียงจากแหล่งกำเนิด	เสียงรบกวน	ค่าเฉลี่ยการรบกวน	
			ค่าจริง	ค่าปรับ				
03:40 AM - 03:45 AM	43.8	40.3	3.5	2.0	-	44.8	37.9	6.9
03:45 AM - 03:50 AM	40.8	40.3	0.5	2.0	-	36.8	38.7	-1.9
03:50 AM - 03:55 AM	41.4	38.5	2.9	3.0	-	41.4	37.7	3.7
03:55 AM - 04:00 AM	45.3	40.1	5.2	1.5	-	46.8	38.8	8.0
04:00 AM - 04:05 AM	44.9	38.5	6.4	1.5	-	46.4	36.2	10.2
04:05 AM - 04:10 AM	44.2	38.7	5.5	1.5	-	45.7	36.9	8.8
04:10 AM - 04:15 AM	43.9	39.6	4.3	2.0	-	44.9	38.4	6.5
04:15 AM - 04:20 AM	43.7	42.4	1.3	2.0	-	39.7	39.6	1.1
04:20 AM - 04:25 AM	41.9	39.6	2.3	4.5	-	40.4	38.4	2.0
04:25 AM - 04:30 AM	41.5	39.4	2.5	3.0	-	41.9	38.2	3.7
04:30 AM - 04:35 AM	42.8	39.6	3.2	3.0	-	42.8	38.4	4.4
04:35 AM - 04:40 AM	43.9	39.5	4.4	2.0	-	44.9	38.4	6.5
04:40 AM - 04:45 AM	43.6	39.8	3.8	2.0	-	44.6	38.2	6.4
04:45 AM - 04:50 AM	43.2	41.0	2.2	4.5	-	41.7	39.3	2.4
04:50 AM - 04:55 AM	42.2	39.6	2.6	3.0	-	42.2	38.9	3.3
04:55 AM - 05:00 AM	43.6	39.4	4.2	2.0	-	44.6	38.4	6.2
05:00 AM - 05:05 AM	42.5	40.8	1.7	4.5	-	41.0	39.6	1.4
05:05 AM - 05:10 AM	41.0	40.6	0.4	7.0	-	37.0	39.5	-2.5
05:10 AM - 05:15 AM	40.6	41.6	-1.0	2.0	-	36.6	40.1	-3.5
05:15 AM - 05:20 AM	41.0	42.5	-1.5	7.0	-	37.0	41.2	-4.2
05:20 AM - 05:25 AM	41.3	43.8	-2.5	7.0	-	37.3	42.4	-5.1
05:25 AM - 05:30 AM	41.5	44.0	-2.5	7.0	-	37.5	43.2	-5.7
05:30 AM - 05:35 AM	42.4	44.8	-2.4	7.0	-	38.4	42.9	-4.5
05:35 AM - 05:40 AM	43.1	43.5	0.4	7.0	-	39.1	40.9	-1.8
05:40 AM - 05:45 AM	43.4	41.5	0.1	7.0	-	37.4	42.1	-3.7
05:45 AM - 05:50 AM	45.3	46.1	-0.8	7.0	-	41.3	42.8	-1.5
05:50 AM - 05:55 AM	44.0	44.2	0.2	7.0	-	40.0	41.8	-1.8
05:55 AM - 06:00 AM	43.2	44.2	1.0	7.0	-	39.2	42.0	-2.8
06:00 AM - 07:00 AM	45.5	46.8	1.3	7.0	46.5	44.3	44.3	3.2
07:00 AM - 08:00 AM	54.9	45.7	9.2	0.5	54.4	-	43.0	-1.4
08:00 AM - 09:00 AM	52.9	48.2	5.3	0.5	52.4	-	38.8	13.6
09:00 AM - 10:00 AM	43.8	45.6	1.8	1.5	42.3	-	35.8	6.9
ค่าเฉลี่ยการรบกวน								



Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silm 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : สัญญาจ้าง
Project Name : Project AIE Raying
Project Location :

Lot ID: 22133617
Date Received: Dec 06, 2022
Date Reported: Dec 15, 2022
Report Number : 2518891-1

Page 3 of 3

Sample No. 22133617-27
Parameter เลื่อนทวน
Location N4 (ทางผ่านหน้าห้องเครื่องโรงทาน) (GPS 47P 0727280,1406871)
Measurement Date Dec 01 - 02, 2022
Measurement by Santi Chachana
Sound Level Meter 00873057

เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	ผลต่างระดับเสียง	ส่วนเกิน	เปรียบเทียบเสียงจากแหล่งกำเนิด		เสียงพื้นฐาน	ค่าระดับการรบกวน
					กลางวัน	กลางคืน		
03:40 AM - 03:45 AM	45.2	42.6	2.6	3.0	-	45.2	41.5	3.7
03:45 AM - 03:50 AM	45.3	42.8	2.5	3.0	-	45.3	41.8	3.5
03:50 AM - 03:55 AM	45.2	44.7	0.5	7.0	-	41.2	47.6	-1.4
03:55 AM - 04:00 AM	48.6	44.5	4.1	2.0	-	49.6	42.2	7.4
04:00 AM - 04:05 AM	46.9	45.1	1.8	4.5	-	45.4	43.6	1.8
04:05 AM - 04:10 AM	51.7	44.8	6.9	1.0	-	53.7	42.5	11.2
04:10 AM - 04:15 AM	47.8	41.1	6.7	2.0	-	48.9	41.3	7.6
04:15 AM - 04:20 AM	46.7	41.4	5.3	1.5	-	48.2	40.0	8.2
04:20 AM - 04:25 AM	47.4	41.2	6.2	1.5	-	48.9	39.6	9.3
04:25 AM - 04:30 AM	45.8	40.9	4.9	1.5	-	47.3	38.9	8.4
04:30 AM - 04:35 AM	44.9	41.9	3.0	3.0	-	44.9	40.3	4.6
04:35 AM - 04:40 AM	42.8	40.8	2.0	4.5	-	41.3	39.5	1.8
04:40 AM - 04:45 AM	46.7	42.2	4.5	1.5	-	48.2	40.8	7.4
04:45 AM - 04:50 AM	43.8	45.5	-1.7	7.0	-	39.8	41.2	-1.4
04:50 AM - 04:55 AM	43.6	48.5	-4.7	7.0	-	38.8	40.6	-0.8
04:55 AM - 05:00 AM	43.2	44.3	-1.1	7.0	-	39.2	43.7	-4.5
05:00 AM - 05:05 AM	46.6	43.7	2.9	3.0	-	46.6	40.4	6.2
05:05 AM - 05:10 AM	45.9	44.4	1.5	4.5	-	44.4	41.5	2.9
05:10 AM - 05:15 AM	45.1	45.5	-0.2	7.0	-	41.3	41.6	-0.3
05:15 AM - 05:20 AM	44.5	43.8	0.7	7.0	-	40.5	41.9	-1.4
05:20 AM - 05:25 AM	43.6	42.8	-0.7	7.0	-	39.6	41.1	-1.5
05:25 AM - 05:30 AM	46.3	45.2	-1.1	7.0	-	42.3	40.5	-1.8
05:30 AM - 05:35 AM	46.0	43.6	2.4	4.5	-	44.5	40.5	4.0
05:35 AM - 05:40 AM	46.8	42.6	4.2	2.0	-	47.8	40.9	6.9
05:40 AM - 05:45 AM	45.6	45.0	0.6	7.0	-	41.6	41.3	0.3
05:45 AM - 05:50 AM	49.5	45.5	4.0	2.0	-	50.5	41.5	9.0
05:50 AM - 05:55 AM	49.4	44.5	4.9	1.5	-	50.9	42.3	8.6
05:55 AM - 06:00 AM	52.0	45.3	6.7	1.0	-	54.0	43.2	10.8
06:00 AM - 07:00 AM	52.6	47.4	5.2	1.5	51.1	-	44.8	6.3
07:00 AM - 08:00 AM	53.7	49.8	3.9	2.0	51.7	-	46.6	5.1
08:00 AM - 09:00 AM	52.5	48.4	4.1	0.1	51.0	-	41.7	10.3
09:00 AM - 10:00 AM	44.7	41.4	3.3	3.0	41.7	-	38.5	3.2
ค่าเฉลี่ยรวม								5.10

Reference Method : Based on ISO 1996-1 and ISO 1996-2

หมายเหตุ

1. โปรดพิจารณาผลการทดสอบ (เสียง) ตามค่าระดับเสียงการรบกวนและระดับเสียงที่วัดได้จากค่าการรบกวนที่รายงาน พ.ศ. 2568
 2. โปรดพิจารณาผลการทดสอบ (เสียง) ที่วัดจากค่าระดับเสียงการรบกวนและระดับเสียงที่วัดได้จากค่าการรบกวนที่รายงาน พ.ศ. 2553
 3. โปรดพิจารณาผลการทดสอบ (เสียง) ที่วัดจากค่าระดับเสียงการรบกวนและระดับเสียงที่วัดได้จากค่าการรบกวนที่รายงาน พ.ศ. 2561
- ระดับเสียงที่คำนวณได้จากการวัด (Sample No. 22133750-27 วันที่ตรวจวัด 01-02 ธันวาคม 2565)

ระดับเสียงที่คำนวณได้จากการวัด (Sample No. 22133750-27 วันที่ตรวจวัด 01-02 ธันวาคม 2565)

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Approved by

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Assistant Manager

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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silm 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : สัญญาจ้าง
Project Name : Project AIE Raying
Project Location :

Lot ID: 22133617
Date Received: Dec 06, 2022
Date Reported: Dec 15, 2022
Report Number : 2518892-1

Page 2 of 3

Sample No. 22133617-28
Parameter เลื่อนทวน
Location N4 (ทางผ่านหน้าห้องเครื่องโรงทาน) (GPS 47P 0727280,1406871)
Measurement Date Dec 02 - 03, 2022
Measurement by Santi Chachana
Sound Level Meter 00873057

เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	ผลต่างระดับเสียง	ส่วนเกิน	เปรียบเทียบเสียงจากแหล่งกำเนิด		เสียงพื้นฐาน	ค่าระดับการรบกวน
					กลางวัน	กลางคืน		
12:20 AM - 12:25 AM	48.7	51.3	-2.6	7.0	-	44.7	40.4	4.3
12:25 AM - 12:30 AM	55.9	48.9	9.0	0.5	-	58.4	40.1	18.3
12:30 AM - 12:35 AM	49.6	41.8	7.8	0.5	-	52.1	40.0	12.1
12:35 AM - 12:40 AM	52.4	41.0	11.4	0.5	-	54.9	39.6	15.3
12:40 AM - 12:45 AM	53.4	39.6	13.8	0.0	-	56.4	38.8	17.6
12:45 AM - 12:50 AM	56.7	51.2	5.5	1.5	-	58.2	38.8	19.4
12:50 AM - 12:55 AM	48.4	51.6	-3.2	7.0	-	44.4	40.2	4.2
12:55 AM - 01:00 AM	46.4	52.5	-6.1	7.0	-	42.4	40.3	2.1
01:00 AM - 01:05 AM	48.6	46.5	2.1	4.5	-	47.1	40.1	7.0
01:05 AM - 01:10 AM	47.4	43.3	4.1	2.0	-	46.4	40.0	6.4
01:10 AM - 01:15 AM	47.9	47.0	0.9	7.0	-	43.9	40.6	3.3
01:15 AM - 01:20 AM	48.0	44.0	4.0	2.0	-	49.0	39.8	9.2
01:20 AM - 01:25 AM	47.4	43.9	3.5	2.0	-	48.4	40.5	7.9
01:25 AM - 01:30 AM	50.1	42.6	7.5	0.5	-	52.6	41.0	11.6
01:30 AM - 01:35 AM	47.2	43.7	3.5	2.0	-	48.2	41.3	6.9
01:35 AM - 01:40 AM	47.5	42.9	4.6	1.5	-	49.0	41.0	8.0
01:40 AM - 01:45 AM	48.3	42.3	6.0	1.5	-	49.8	39.6	10.2
01:45 AM - 01:50 AM	47.1	41.3	5.8	1.5	-	48.6	39.2	9.4
01:50 AM - 01:55 AM	46.5	40.1	-13.0	7.0	-	42.5	39.6	2.9
01:55 AM - 02:00 AM	46.7	36.8	-9.1	7.0	-	42.7	51.4	-8.7
02:00 AM - 02:05 AM	46.6	42.7	3.9	2.0	-	47.4	39.1	8.3
02:05 AM - 02:10 AM	48.4	42.4	6.0	1.5	-	49.9	39.3	10.6
02:10 AM - 02:15 AM	49.2	40.2	9.0	0.5	-	51.7	39.4	12.3
02:15 AM - 02:20 AM	48.3	40.6	7.7	0.5	-	50.8	39.1	11.7
02:20 AM - 02:25 AM	50.6	40.0	10.6	0.5	-	53.1	38.8	14.3
02:25 AM - 02:30 AM	51.3	43.5	7.8	0.5	-	53.8	40.9	12.9
02:30 AM - 02:35 AM	47.1	42.9	4.2	7.0	-	43.1	38.9	4.2
02:35 AM - 02:40 AM	46.1	40.3	5.8	1.5	-	47.6	38.5	9.1
02:40 AM - 02:45 AM	54.6	40.1	14.5	0.0	-	56.6	38.5	18.1
02:45 AM - 02:50 AM	53.9	33.6	20.3	0.0	-	55.6	38.8	16.1
02:50 AM - 02:55 AM	52.0	39.1	12.9	0.0	-	55.0	38.4	16.6
02:55 AM - 03:00 AM	48.4	40.4	8.0	0.5	-	50.9	37.9	13.0
03:00 AM - 03:05 AM	47.4	38.7	8.7	0.5	-	47.4	37.5	9.9
03:05 AM - 03:10 AM	46.5	38.0	8.5	0.5	-	46.5	37.9	8.6
03:10 AM - 03:15 AM	45.2	40.9	4.3	2.0	-	46.2	37.8	8.4
03:15 AM - 03:20 AM	45.2	42.6	2.6	3.0	-	45.2	38.2	7.0
03:20 AM - 03:25 AM	44.8	43.2	1.6	4.5	-	44.3	38.4	5.9
03:25 AM - 03:30 AM	47.2	42.6	4.6	2.0	-	48.2	38.0	9.2
03:30 AM - 03:35 AM	48.5	41.6	6.9	1.0	-	50.5	37.9	12.6
03:35 AM - 03:40 AM	56.5	41.3	15.2	0.0	-	59.5	38.2	21.3

Reference Method : Based on ISO 1996-1 and ISO 1996-2

หมายเหตุ

1. โปรดพิจารณาผลการทดสอบ (เสียง) ตามค่าระดับเสียงการรบกวนและระดับเสียงที่วัดได้จากค่าการรบกวนที่รายงาน พ.ศ. 2568
 2. โปรดพิจารณาผลการทดสอบ (เสียง) ที่วัดจากค่าระดับเสียงการรบกวนและระดับเสียงที่วัดได้จากค่าการรบกวนที่รายงาน พ.ศ. 2553
 3. โปรดพิจารณาผลการทดสอบ (เสียง) ที่วัดจากค่าระดับเสียงการรบกวนและระดับเสียงที่วัดได้จากค่าการรบกวนที่รายงาน พ.ศ. 2561
- ระดับเสียงที่คำนวณได้จากการวัด (Sample No. 22133750-28 วันที่ตรวจวัด 02-03 ธันวาคม 2565)

ระดับเสียงที่คำนวณได้จากการวัด (Sample No. 22133750-28 วันที่ตรวจวัด 02-03 ธันวาคม 2565)

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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silm 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : สัญญาจ้าง
Project Name : Project AIE Raying
Project Location :

Lot ID: 22133617
Date Received: Dec 06, 2022
Date Reported: Dec 15, 2022
Report Number : 2518892-1

Page 1 of 3

Sample No. 22133617-28
Parameter เลื่อนทวน
Location N4 (ทางผ่านหน้าห้องเครื่องโรงทาน) (GPS 47P 0727280,1406871)
Measurement Date Dec 02 - 03, 2022
Measurement by Santi Chachana
Sound Level Meter 00873057

เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	ผลต่างระดับเสียง	ส่วนเกิน	เปรียบเทียบเสียงจากแหล่งกำเนิด		เสียงพื้นฐาน	ค่าระดับการรบกวน
					กลางวัน	กลางคืน		
10:00 AM - 11:00 AM	43.6	41.6	2.0	3.0	40.6	-	37.6	3.0
11:00 AM - 12:00 PM	45.5	40.9	4.6	1.5	44.0	-	37.7	6.3
12:00 PM - 01:00 PM	46.3	41.3	5.0	1.5	44.8	-	37.9	6.9
01:00 PM - 02:00 PM	46.5	41.3	5.2	1.5	45.0	-	38.0	7.0
02:00 PM - 03:00 PM	42.1	41.1	1.0	7.0	35.1	-	38.3	-3.2
03:00 PM - 04:00 PM	50.7	42.6	8.1	0.5	50.2	-	40.0	10.2
04:00 PM - 05:00 PM	44.0	40.8	4.1	2.0	42.9	-	39.4	3.5
05:00 PM - 06:00 PM	51.0	43.1	7.9	0.5	50.5	-	41.5	9.0
06:00 PM - 07:00 PM	50.4	45.5	4.9	1.5	48.9	-	43.7	5.2
07:00 PM - 08:00 PM	52.6	45.7	6.9	1.0	51.6	-	41.6	8.0
08:00 PM - 09:00 PM	49.7	44.4	5.3	1.5	48.2	-	41.9	6.3
09:00 PM - 10:00 PM	46.0	42.5	3.5	2.0	44.0	-	40.4	5.6
10:00 PM - 10:05 PM	45.8	47.1	-1.3	7.0	-	41.8	40.8	1.0
10:05 PM - 11:00 PM	48.3	43.4	4.9	1.5	-	49.8	40.2	9.6
11:00 PM - 11:15 PM	43.6	41.5	2.1	4.5	-	42.1	39.7	2.4
11:15 PM - 12:00 PM	46.0	40.1	5.9	1.5	-	47.5	38.8	8.7
12:00 PM - 12:05 PM	45.3	41.3	4.0	2.0	-	46.3	38.5	7.8
12:05 PM - 12:10 PM	46.3	40.8	5.5	1.5	-	47.8	38.4	9.4
12:10 PM - 12:15 PM	46.3	45.4	0.9	7.0	-	42.3	38.8	3.5
12:15 PM - 12:20 PM	45.8	45.5	0.3	7.0	-	41.8	39.4	2.4
12:20 PM - 12:25 PM	44.6	41.4	3.2	3.0	-	44.6	39.8	4.8
12:25 PM - 12:30 PM	44.2	43.2	1.0	7.0	-	40.2	40.0	0.2
12:30 PM - 12:35 PM	44.0	41.2	2.8	3.0	-	44.0	39.2	4.8
12:35 PM - 12:40 PM	48.0	40.8	7.2	1.5	-	47.5	39.5	8.0
12:40 PM - 12:45 PM	48.2	41.4	6.8	1.0	-	50.2	40.1	10.1



Analysis / Test Report



TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : **สัญญาจ้าง**
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22133750
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report No. : 2518895-1

Sample No. : 22133750-1
Parameter : Noise
Location : จักรยานยนต์ N1 (ในเขตชุมชน) (GPS 47P 0724418, 1402539) (Shut down)
Measurement Date : Nov 26 - 27, 2022
Measurement by : Santi Chaichana
Sound Level Meter : 00873109

Page 1 of 3

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	48.0	69.8	42.4
12:00 PM - 01:00 PM	53.2	75.1	49.5
01:00 PM - 02:00 PM	50.1	67.4	44.9
02:00 PM - 03:00 PM	51.8	70.7	44.0
03:00 PM - 04:00 PM	51.7	71.5	44.4
04:00 PM - 05:00 PM	50.8	70.0	45.5
05:00 PM - 06:00 PM	52.3	72.0	46.0
06:00 PM - 07:00 PM	51.9	72.8	46.1
07:00 PM - 08:00 PM	51.1	70.7	46.1
08:00 PM - 09:00 PM	50.1	74.0	46.1
09:00 PM - 10:00 PM	48.6	69.0	43.9
10:00 PM - 10:05 PM	45.8	52.0	42.1
10:05 PM - 10:10 PM	45.7	54.1	42.1
10:10 PM - 10:15 PM	48.7	64.4	42.1
10:15 PM - 10:20 PM	45.3	53.0	41.8
10:20 PM - 10:25 PM	48.2	58.2	42.0
10:25 PM - 10:30 PM	46.8	59.9	40.9
10:30 PM - 10:35 PM	50.1	69.2	40.6
10:35 PM - 10:40 PM	48.5	61.7	41.7
10:40 PM - 10:45 PM	48.0	62.4	41.8
10:45 PM - 10:50 PM	46.0	58.8	41.6
10:50 PM - 10:55 PM	44.6	57.2	40.8
10:55 PM - 11:00 PM	45.0	60.2	41.4
11:00 PM - 11:05 PM	45.8	53.6	41.9
11:05 PM - 11:10 PM	51.0	70.2	41.3
11:10 PM - 11:15 PM	46.8	60.5	41.9
11:15 PM - 11:20 PM	45.1	54.0	42.0
11:20 PM - 11:25 PM	46.5	57.4	42.4
11:25 PM - 11:30 PM	45.0	54.9	41.8
11:30 PM - 11:35 PM	45.1	56.6	42.0
11:35 PM - 11:40 PM	50.5	61.6	43.3
11:40 PM - 11:45 PM	48.8	62.7	43.8
11:45 PM - 11:50 PM	47.2	60.9	42.1
11:50 PM - 11:55 PM	44.9	55.8	42.1
11:55 PM - 12:00 AM	52.2	66.5	42.2
12:00 AM - 12:05 AM	44.7	53.7	41.8
12:05 AM - 12:10 AM	50.1	65.9	42.4
12:10 AM - 12:15 AM	45.5	57.9	41.4
12:15 AM - 12:20 AM	42.3	48.8	41.2
12:20 AM - 12:25 AM	46.6	57.8	41.4

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Analysis / Test Report



TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : **สัญญาจ้าง**
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22133750
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report No. : 2518895-1

Sample No. : 22133750-1
Parameter : Noise
Location : จักรยานยนต์ N1 (ในเขตชุมชน) (GPS 47P 0724418, 1402539) (Shut down)
Measurement Date : Nov 26 - 27, 2022
Measurement by : Santi Chaichana
Sound Level Meter : 00873109

Page 2 of 3

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:25 AM - 12:30 AM	43.9	49.4	41.6
12:30 AM - 12:35 AM	45.8	54.1	41.7
12:35 AM - 12:40 AM	46.2	56.6	42.0
12:40 AM - 12:45 AM	43.4	49.8	41.3
12:45 AM - 12:50 AM	46.0	60.5	41.4
12:50 AM - 12:55 AM	45.7	55.0	41.3
12:55 AM - 01:00 AM	43.8	53.9	41.7
01:00 AM - 01:05 AM	45.1	58.6	42.4
01:05 AM - 01:10 AM	42.4	50.1	40.9
01:10 AM - 01:15 AM	44.9	58.4	41.8
01:15 AM - 01:20 AM	48.6	61.8	42.7
01:20 AM - 01:25 AM	42.9	49.3	41.4
01:25 AM - 01:30 AM	45.3	54.0	41.9
01:30 AM - 01:35 AM	44.3	56.1	41.0
01:35 AM - 01:40 AM	47.4	56.0	42.0
01:40 AM - 01:45 AM	43.2	48.7	42.9
01:45 AM - 01:50 AM	43.2	54.8	40.9
01:50 AM - 01:55 AM	43.6	54.5	40.9
01:55 AM - 02:00 AM	44.3	50.7	40.5
02:00 AM - 02:05 AM	42.5	48.9	41.2
02:05 AM - 02:10 AM	42.8	60.8	40.7
02:10 AM - 02:15 AM	46.2	58.0	40.9
02:15 AM - 02:20 AM	44.8	55.8	40.8
02:20 AM - 02:25 AM	43.5	49.0	40.3
02:25 AM - 02:30 AM	41.9	53.3	39.5
02:30 AM - 02:35 AM	42.6	50.0	39.5
02:35 AM - 02:40 AM	41.6	65.3	39.5
02:40 AM - 02:45 AM	46.3	51.5	39.5
02:45 AM - 02:50 AM	42.7	58.8	39.7
02:50 AM - 02:55 AM	43.1	58.1	39.4
02:55 AM - 03:00 AM	43.2	60.9	39.4
03:00 AM - 03:05 AM	47.3	60.5	39.8
03:05 AM - 03:10 AM	45.9	50.0	39.7
03:10 AM - 03:15 AM	40.7	53.5	39.9
03:15 AM - 03:20 AM	44.2	57.7	39.3
03:20 AM - 03:25 AM	44.3	59.2	39.5
03:25 AM - 03:30 AM	47.0	59.8	39.5
03:30 AM - 03:35 AM	47.9	51.2	39.4
03:35 AM - 03:40 AM	41.4	56.6	39.6
03:40 AM - 03:45 AM	42.1		

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Analysis / Test Report



TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : **สัญญาจ้าง**
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22133750
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report No. : 2518895-1

Sample No. : 22133750-1
Parameter : Noise
Location : จักรยานยนต์ N1 (ในเขตชุมชน) (GPS 47P 0724418, 1402539) (Shut down)
Measurement Date : Nov 26 - 27, 2022
Measurement by : Santi Chaichana
Sound Level Meter : 00873109

Page 3 of 3

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:45 AM - 03:50 AM	42.7	51.1	40.0
03:50 AM - 03:55 AM	42.3	39.5	39.5
03:55 AM - 04:00 AM	40.6	46.8	39.3
04:00 AM - 04:05 AM	40.8	46.3	39.4
04:05 AM - 04:10 AM	42.6	53.9	39.9
04:10 AM - 04:15 AM	42.7	50.2	41.0
04:15 AM - 04:20 AM	42.6	53.3	40.5
04:20 AM - 04:25 AM	41.9	50.8	39.9
04:25 AM - 04:30 AM	40.8	48.5	39.1
04:30 AM - 04:35 AM	42.1	51.1	39.3
04:35 AM - 04:40 AM	41.9	63.8	39.3
04:40 AM - 04:45 AM	42.7	57.0	39.2
04:45 AM - 04:50 AM	49.8	60.5	40.0
04:50 AM - 04:55 AM	48.8	63.9	39.1
04:55 AM - 05:00 AM	48.5	60.4	39.3
05:00 AM - 05:05 AM	48.6	60.6	39.3
05:05 AM - 05:10 AM	47.1	61.2	39.3
05:10 AM - 05:15 AM	48.8	64.5	40.1
05:15 AM - 05:20 AM	47.0	60.9	41.2
05:20 AM - 05:25 AM	44.0	53.9	40.9
05:25 AM - 05:30 AM	44.8	52.8	40.9
05:30 AM - 05:35 AM	48.7	61.1	40.7
05:35 AM - 05:40 AM	46.9	68.9	41.0
05:40 AM - 05:45 AM	46.2	53.5	41.1
05:45 AM - 05:50 AM	53.5	69.5	41.9
05:50 AM - 05:55 AM	53.6	68.3	41.4
05:55 AM - 06:00 AM	51.6	65.9	43.8
06:00 AM - 07:00 AM	57.0	76.2	44.5
07:00 AM - 08:00 AM	51.3	68.6	44.9
08:00 AM - 09:00 AM	51.1	69.2	46.7
09:00 AM - 10:00 AM	51.1	68.6	49.6
10:00 AM - 11:00 AM	52.2	68.5	47.8

Reference Method : Based on ISO 1996-1 and ISO 1996-2

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Analysis / Test Report



TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : **สัญญาจ้าง**
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22133750
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report No. : 2518895-1

Sample No. : 22133750-2
Parameter : Noise
Location : จักรยานยนต์ N1 (ในเขตชุมชน) (GPS 47P 0724418, 1402539) (Shut down)
Measurement Date : Nov 27 - 28, 2022
Measurement by : Santi Chaichana
Sound Level Meter : 00873109

Page 1 of 3

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	51.1	70.2	46.7
12:00 PM - 01:00 PM	49.5	68.4	43.1
01:00 PM - 02:00 PM	52.0	83.7	44.5
02:00 PM - 03:00 PM	53.9	70.1	51.2
03:00 PM - 04:00 PM	54.3	69.0	51.1
04:00 PM - 05:00 PM	52.5	72.1	47.5
05:00 PM - 06:00 PM	53.6	73.2	48.4
06:00 PM - 07:00 PM	51.3	72.9	46.6
07:00 PM - 08:00 PM	51.1	72.3	45.4
08:00 PM - 09:00 PM	49.3	59.7	45.5
09:00 PM - 10:00 PM	47.4	70.5	42.7
10:00 PM - 10:05 PM	50.0	61.3	43.7
10:05 PM - 10:10 PM	49.4	64.0	43.4
10:10 PM - 10:15 PM	46.4	58.7	41.6
10:15 PM - 10:20 PM	51.4	68.0	42.4
10:20 PM - 10:25 PM	45.8	57.7	41.9
10:25 PM - 10:30 PM	45.7	55.3	42.4
10:30 PM - 10:35 PM	45.7	56.3	41.5
10:35 PM - 10:40 PM	43.8	52.2	40.8
10:40 PM - 10:45 PM	43.7	57.1	40.9
10:45 PM - 10:50 PM	44.6	52.9	41.6
10:50 PM - 10:55 PM	46.0	59.6	42.2
10:55 PM - 11:00 PM	52.3	71.3	42.5
11:00 PM - 11:05 PM	47.1	59.1	42.5
11:05 PM - 11:10 PM	44.4	50.2	41.8
11:10 PM - 11:15 PM	49.7	65.6	42.7
11:15 PM - 11:20 PM	46.4	62.9	41.2
11:20 PM - 11:25 PM	47.3	63.0	41.9
11:25 PM - 11:30 PM	46.9	56.0	42.5
11:30 PM - 11:35 PM	44.6	53.0	42.2
11:35 PM - 11:40 PM	45.5	58.4	42.4
11:40 PM - 11:45 PM	46.4	57.1	41.6
11:45 PM - 11:50 PM	46.1	55.9	40.7
11:50 PM - 11:55 PM	43.7	53.4	40.7
11:55 PM - 12:00 AM	43.1	50.5	40.4
12:00 AM - 12:05 AM	44.1	56.2	40.4
12:05 AM - 12:10 AM	42.8	49.2	40.4
12:10 AM - 12:15 AM	44.9	57.2	40.7
12:15 AM - 12:20 AM	42.0	48.5	40.6
12:20 AM - 12:25 AM	44.1	56.9	40.7

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Analysis / Test Report



TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O : สังกะขันธ์
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22133750
Date Received: Dec 06, 2022
Date Reported: Dec 15, 2022
Report No.: 2518896-1

Page 2 of 3

Sample No. 22133750-2
Parameter Noise
Location จอดรถ N1 (โหนดวัดสัญญาณ) (GPS 47P 0724418, 1402539) (Shut down)
Measurement Date Nov 27 - 28, 2022
Measurement by Santi Chaichana
Sound Level Meter 00873109

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:25 AM - 12:30 AM	43.4	59.4	40.8
12:30 AM - 12:35 AM	45.1	65.5	41.2
12:35 AM - 12:40 AM	43.7	54.6	41.2
12:40 AM - 12:45 AM	47.0	61.7	41.0
12:45 AM - 12:50 AM	49.8	67.0	40.8
12:50 AM - 12:55 AM	43.7	54.4	41.3
12:55 AM - 01:00 AM	44.7	58.9	41.5
01:00 AM - 01:05 AM	45.6	61.2	41.4
01:05 AM - 01:10 AM	42.8	51.0	41.0
01:10 AM - 01:15 AM	45.2	59.6	40.7
01:15 AM - 01:20 AM	44.1	53.7	41.0
01:20 AM - 01:25 AM	44.0	53.5	41.0
01:25 AM - 01:30 AM	44.7	59.0	41.0
01:30 AM - 01:35 AM	43.3	49.9	42.5
01:35 AM - 01:40 AM	44.1	54.9	42.0
01:40 AM - 01:45 AM	44.5	55.4	41.8
01:45 AM - 01:50 AM	42.8	50.4	41.7
01:50 AM - 01:55 AM	43.3	55.4	41.7
01:55 AM - 02:00 AM	43.1	56.3	41.0
02:00 AM - 02:05 AM	41.7	53.1	40.4
02:05 AM - 02:10 AM	42.3	52.5	39.7
02:10 AM - 02:15 AM	44.4	61.8	39.8
02:15 AM - 02:20 AM	42.0	56.4	40.0
02:20 AM - 02:25 AM	41.1	49.1	41.4
02:25 AM - 02:30 AM	44.8	59.2	41.0
02:30 AM - 02:35 AM	42.8	53.2	41.2
02:35 AM - 02:40 AM	42.2	46.3	41.2
02:40 AM - 02:45 AM	43.7	53.1	42.2
02:45 AM - 02:50 AM	41.9	46.4	40.7
02:50 AM - 02:55 AM	41.6	43.8	40.6
02:55 AM - 03:00 AM	43.3	56.3	41.5
03:00 AM - 03:05 AM	42.8	45.5	41.9
03:05 AM - 03:10 AM	41.2	51.9	41.2
03:10 AM - 03:15 AM	43.4	51.4	41.1
03:15 AM - 03:20 AM	41.7	48.6	40.5
03:20 AM - 03:25 AM	43.2	51.6	41.0
03:25 AM - 03:30 AM	43.4	47.1	41.8
03:30 AM - 03:35 AM	41.4	44.1	40.0
03:35 AM - 03:40 AM	46.1	61.0	39.6
03:40 AM - 03:45 AM	47.7	63.2	39.7

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Analysis / Test Report



TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

Lot ID: 22133750
Date Received: Dec 06, 2022
Date Reported: Dec 15, 2022
Report No.: 2518896-1

P/O : สังกะขันธ์
Project Name : Project AIE Rayong
Project Location :

Sample No. 22133750-2
Parameter Noise
Location จอดรถ N1 (โหนดวัดสัญญาณ) (GPS 47P 0724418, 1402539) (Shut down)
Measurement Date Nov 27 - 28, 2022
Measurement by Santi Chaichana
Sound Level Meter 00873109

Page 3 of 3

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:45 AM - 03:50 AM	41.6	53.3	39.4
03:50 AM - 03:55 AM	43.0	55.3	39.3
03:55 AM - 04:00 AM	41.4	46.9	39.9
04:00 AM - 04:05 AM	41.5	49.9	39.7
04:05 AM - 04:10 AM	49.8	64.8	39.7
04:10 AM - 04:15 AM	45.0	63.8	39.3
04:15 AM - 04:20 AM	41.0	46.9	39.2
04:20 AM - 04:25 AM	40.7	64.8	40.4
04:25 AM - 04:30 AM	41.7	49.8	39.5
04:30 AM - 04:35 AM	43.0	53.1	39.2
04:35 AM - 04:40 AM	43.6	46.9	41.4
04:40 AM - 04:45 AM	45.8	61.1	41.0
04:45 AM - 04:50 AM	44.8	60.9	40.9
04:50 AM - 04:55 AM	42.8	51.9	40.5
04:55 AM - 05:00 AM	42.8	53.0	40.0
05:00 AM - 05:05 AM	43.8	58.1	40.2
05:05 AM - 05:10 AM	45.6	59.4	40.5
05:10 AM - 05:15 AM	46.2	59.5	41.1
05:15 AM - 05:20 AM	46.2	58.5	41.7
05:20 AM - 05:25 AM	46.5	63.9	40.7
05:25 AM - 05:30 AM	45.6	56.0	41.6
05:30 AM - 05:35 AM	47.7	66.9	42.6
05:35 AM - 05:40 AM	47.7	56.8	42.2
05:40 AM - 05:45 AM	49.6	58.3	42.5
05:45 AM - 05:50 AM	54.3	70.2	43.6
05:50 AM - 05:55 AM	52.1	64.7	42.6
05:55 AM - 06:00 AM	51.0	63.4	43.7
06:00 AM - 07:00 AM	53.5	69.7	48.0
07:00 AM - 08:00 AM	55.4	74.9	48.8
08:00 AM - 09:00 AM	49.9	70.7	44.7
09:00 AM - 10:00 AM	48.2	64.9	41.1
10:00 AM - 11:00 AM	50.7	74.7	42.5

Reference Method : Based on ISO 1996-1 and ISO 1996-2

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Analysis / Test Report



TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

Lot ID: 22133750
Date Received: Dec 06, 2022
Date Reported: Dec 15, 2022
Report No.: 2518897-1

P/O : สังกะขันธ์
Project Name : Project AIE Rayong
Project Location :

Page 1 of 3

Sample No. 22133750-3
Parameter Noise
Location จอดรถ N1 (โหนดวัดสัญญาณ) (GPS 47P 0724418, 1402539) (Shut down)
Measurement Date Nov 28 - 29, 2022
Measurement by Santi Chaichana
Sound Level Meter 00873109

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	49.0	70.0	42.2
12:00 PM - 01:00 PM	50.8	74.7	42.4
01:00 PM - 02:00 PM	53.1	71.6	42.5
02:00 PM - 03:00 PM	50.6	78.5	51.0
03:00 PM - 04:00 PM	52.0	68.5	47.3
04:00 PM - 05:00 PM	52.3	73.4	46.2
05:00 PM - 06:00 PM	54.6	68.6	50.9
06:00 PM - 07:00 PM	51.5	68.0	47.8
07:00 PM - 08:00 PM	50.5	65.1	47.3
08:00 PM - 09:00 PM	52.3	72.0	47.8
09:00 PM - 10:00 PM	50.4	76.7	44.6
10:00 PM - 10:05 PM	46.3	53.4	43.8
10:05 PM - 10:10 PM	47.6	57.9	43.7
10:10 PM - 10:15 PM	46.5	53.6	44.1
10:15 PM - 10:20 PM	47.9	58.7	44.1
10:20 PM - 10:25 PM	47.6	60.2	43.6
10:25 PM - 10:30 PM	51.6	68.8	43.6
10:30 PM - 10:35 PM	47.4	59.5	43.0
10:35 PM - 10:40 PM	46.8	57.0	43.3
10:40 PM - 10:45 PM	49.5	64.4	43.7
10:45 PM - 10:50 PM	54.3	69.6	43.6
10:50 PM - 10:55 PM	50.6	65.2	43.0
10:55 PM - 11:00 PM	49.3	68.7	43.2
11:00 PM - 11:05 PM	47.1	68.5	43.3
11:05 PM - 11:10 PM	44.9	53.0	42.9
11:10 PM - 11:15 PM	47.5	60.2	43.3
11:15 PM - 11:20 PM	45.2	51.8	43.2
11:20 PM - 11:25 PM	49.3	53.6	43.5
11:25 PM - 11:30 PM	45.5	51.1	43.5
11:30 PM - 11:35 PM	45.7	52.3	43.5
11:35 PM - 11:40 PM	49.7	53.6	44.0
11:40 PM - 11:45 PM	46.2	60.0	43.5
11:45 PM - 11:50 PM	48.7	64.4	43.6
11:50 PM - 11:55 PM	45.7	56.0	43.1
11:55 PM - 12:00 AM	52.7	69.9	43.1
12:00 AM - 12:05 AM	44.5	52.7	43.0
12:05 AM - 12:10 AM	44.8	56.0	42.8
12:10 AM - 12:15 AM	44.2	42.8	42.8
12:15 AM - 12:20 AM	45.5	56.5	43.9
12:20 AM - 12:25 AM	45.3	54.4	43.9

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Analysis / Test Report



TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

Lot ID: 22133750
Date Received: Dec 06, 2022
Date Reported: Dec 15, 2022
Report No.: 2518897-1

P/O : สังกะขันธ์
Project Name : Project AIE Rayong
Project Location :

Sample No. 22133750-3
Parameter Noise
Location จอดรถ N1 (โหนดวัดสัญญาณ) (GPS 47P 0724418, 1402539) (Shut down)
Measurement Date Nov 28 - 29, 2022
Measurement by Santi Chaichana
Sound Level Meter 00873109

Page 2 of 3

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:25 AM - 12:30 AM	45.3	55.4	43.4
12:30 AM - 12:35 AM	44.5	47.5	43.7
12:35 AM - 12:40 AM	46.4	62.2	43.3
12:40 AM - 12:45 AM	50.4	65.2	42.8
12:45 AM - 12:50 AM	43.8	54.3	42.3
12:50 AM - 12:55 AM	43.5	48.0	42.5
12:55 AM - 01:00 AM	43.4	50.5	42.0
01:00 AM - 01:05 AM	49.2	64.1	43.2
01:05 AM - 01:10 AM	45.0	53.8	42.5
01:10 AM - 01:15 AM	44.9	64.4	42.5
01:15 AM - 01:20 AM	44.1	50.2	42.6
01:20 AM - 01:25 AM	45.0	52.0	43.3
01:25 AM - 01:30 AM	44.0	51.2	42.3
01:30 AM - 01:35 AM	43.2	46.9	42.4
01:35 AM - 01:40 AM	47.6	61.1	42.3
01:40 AM - 01:45 AM	43.3	52.4	41.9
01:45 AM - 01:50 AM	49.6	64.1	42.6
01:50 AM - 01:55 AM	43.7	50.1	42.3
01:55 AM - 02:00 AM	43.7	52.6	41.7
02:00 AM - 02:05 AM	44.0	47.6	42.7
02:05 AM - 02:10 AM	43.0	46.8	42.4
02:10 AM - 02:15 AM	46.5	60.3	42.3
02:15 AM - 02:20 AM	43.3	51.5	42.1
02:20 AM - 02:25 AM	44.2	55.9	42.3
02:25 AM - 02:30 AM	44.9	53.3	42.7
02:30 AM - 02:35 AM	43.6	51.2	42.2
02:35 AM - 02:40 AM	43.3	45.5	42.3
02:40 AM - 02:45 AM	45.7	50.1	42.6
02:45 AM - 02:50 AM	46.2	51.6	42.5
02:50 AM - 02:55 AM	45.7	47.6	42.5
02:55 AM - 03:00 AM	53.8	74.2	45.1
03:00 AM - 03:05 AM	46.6	52.8	42.5
03:05 AM - 03:10 AM	53.6	68.4	45.7
03:10 AM - 03:15 AM	49.9	62.6	45.3
03:15 AM - 03:20 AM	46.2	54.8	45.4
03:20 AM - 03:25 AM	46.7	55.4	45.5
03:25 AM - 03:30 AM	50.6	63.3	44.8
03:30 AM - 03:35 AM	45.2	47.5	45.1
03:35 AM - 03:40 AM	45.8	53.0	45.1
03:40 AM - 03:45 AM	45.7	48.4	41.8

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Analysis / Test Report

TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silm 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

Lot ID: 22133750
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report No. : 2518897-1

P/O :
Project Name : Project AIE Rayong
Project Location :

Page 1 of 3

Sample No. 22133750-3
Parameter Noise
Location จอดรถ N1 (ใกล้ประตูด้านหลัง) (GPS 47P 0724418, 1402539) (Shut down)
Measurement Date Nov 28 - 29, 2022
Measurement by Santi Chaichana
Sound Level Meter 00873109

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:45 AM - 03:50 AM	46.0	50.7	45.8
03:50 AM - 03:55 AM	47.0	52.8	45.7
03:55 AM - 04:00 AM	45.8	47.9	45.5
04:00 AM - 04:05 AM	45.9	50.3	45.3
04:05 AM - 04:10 AM	46.0	48.5	44.9
04:10 AM - 04:15 AM	47.1	66.0	45.9
04:15 AM - 04:20 AM	51.6	62.9	45.6
04:20 AM - 04:25 AM	50.3	63.5	46.0
04:25 AM - 04:30 AM	47.4	59.1	45.8
04:30 AM - 04:35 AM	46.4	50.5	45.8
04:35 AM - 04:40 AM	47.0	54.9	46.0
04:40 AM - 04:45 AM	47.2	57.1	45.8
04:45 AM - 04:50 AM	47.3	58.3	45.6
04:50 AM - 04:55 AM	47.3	66.6	45.6
04:55 AM - 05:00 AM	46.3	50.1	45.5
05:00 AM - 05:05 AM	46.5	53.4	43.6
05:05 AM - 05:10 AM	45.8	55.6	43.4
05:10 AM - 05:15 AM	45.9	56.2	43.2
05:15 AM - 05:20 AM	45.8	55.7	43.4
05:20 AM - 05:25 AM	46.8	55.4	43.1
05:25 AM - 05:30 AM	46.4	55.1	43.2
05:30 AM - 05:35 AM	48.7	60.8	44.0
05:35 AM - 05:40 AM	46.7	57.2	43.9
05:40 AM - 05:45 AM	51.1	63.4	45.9
05:45 AM - 05:50 AM	53.5	66.7	46.7
05:50 AM - 05:55 AM	56.4	67.4	45.6
05:55 AM - 06:00 AM	54.8	69.5	46.2
06:00 AM - 07:00 AM	54.9	71.6	48.1
07:00 AM - 08:00 AM	53.7	74.2	48.6
08:00 AM - 09:00 AM	51.3	77.6	43.5
09:00 AM - 10:00 AM	48.4	64.0	42.4
10:00 AM - 11:00 AM		70.1	43.2

Reference Method : Based on ISO 1996-1 and ISO 1996-2



Analysis / Test Report

TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silm 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

Lot ID: 22133750
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report No. : 2518898-1

P/O :
Project Name : Project AIE Rayong
Project Location :

Page 1 of 3

Sample No. 22133750-4
Parameter Noise
Location จอดรถ N1 (ใกล้ประตูด้านหลัง) (GPS 47P 0724418, 1402539) (Shut down)
Measurement Date Nov 29 - 30, 2022
Measurement by Santi Chaichana
Sound Level Meter 00873109

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	51.3	70.4	46.5
12:00 PM - 01:00 PM	49.7	68.6	43.3
01:00 PM - 02:00 PM	52.2	83.9	44.7
02:00 PM - 03:00 PM	54.1	70.3	51.4
03:00 PM - 04:00 PM	54.9	69.2	51.1
04:00 PM - 05:00 PM	52.7	72.3	47.7
05:00 PM - 06:00 PM	53.8	73.4	48.6
06:00 PM - 07:00 PM	51.5	73.1	46.8
07:00 PM - 08:00 PM	51.3	72.5	45.6
08:00 PM - 09:00 PM	49.5	59.9	45.7
09:00 PM - 10:00 PM	47.6	70.7	42.9
10:00 PM - 10:05 PM	50.2	61.5	43.9
10:05 PM - 10:10 PM	49.6	64.2	41.6
10:10 PM - 10:15 PM	46.6	58.9	41.8
10:15 PM - 10:20 PM	51.6	68.2	42.6
10:20 PM - 10:25 PM	45.9	65.9	42.1
10:25 PM - 10:30 PM	45.9	55.5	42.6
10:30 PM - 10:35 PM	45.9	56.5	41.7
10:35 PM - 10:40 PM	44.0	52.4	41.0
10:40 PM - 10:45 PM	45.9	57.3	41.1
10:45 PM - 10:50 PM	44.8	53.1	41.8
10:50 PM - 10:55 PM	46.2	59.8	42.4
10:55 PM - 11:00 PM	52.5	71.5	42.7
11:00 PM - 11:05 PM	47.3	59.3	42.7
11:05 PM - 11:10 PM	44.6	50.4	42.8
11:10 PM - 11:15 PM	49.9	65.8	42.9
11:15 PM - 11:20 PM	46.6	63.1	41.4
11:20 PM - 11:25 PM	47.5	63.2	42.1
11:25 PM - 11:30 PM	47.1	56.2	42.7
11:30 PM - 11:35 PM	44.8	53.2	42.4
11:35 PM - 11:40 PM	45.7	58.6	42.6
11:40 PM - 11:45 PM	46.6	57.3	41.8
11:45 PM - 11:50 PM	46.3	56.1	40.9
11:50 PM - 11:55 PM	43.9	53.6	40.9
11:55 PM - 12:00 AM	43.3	50.7	40.6
12:00 AM - 12:05 AM	44.3	56.4	40.6
12:05 AM - 12:10 AM	43.0	49.4	40.6
12:10 AM - 12:15 AM	45.1	57.4	40.9
12:15 AM - 12:20 AM	42.2	48.7	40.8
12:20 AM - 12:25 AM	44.3	57.1	40.9

Reference Method : Based on ISO 1996-1 and ISO 1996-2

Approved by

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Wibab Borrik
Assistant Manager

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Analysis / Test Report

TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silm 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

Lot ID: 22133750
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report No. : 2518898-1

P/O :
Project Name : Project AIE Rayong
Project Location :

Page 2 of 3

Sample No. 22133750-4
Parameter Noise
Location จอดรถ N1 (ใกล้ประตูด้านหลัง) (GPS 47P 0724418, 1402539) (Shut down)
Measurement Date Nov 29 - 30, 2022
Measurement by Santi Chaichana
Sound Level Meter 00873109

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:25 AM - 12:30 AM	43.6	59.6	41.8
12:30 AM - 12:35 AM	45.3	65.7	41.4
12:35 AM - 12:40 AM	43.9	54.8	41.4
12:40 AM - 12:45 AM	47.2	61.9	41.2
12:45 AM - 12:50 AM	50.0	67.2	41.0
12:50 AM - 12:55 AM	43.9	54.6	41.5
12:55 AM - 01:00 AM	44.9	59.1	41.7
01:00 AM - 01:05 AM	45.8	61.4	41.6
01:05 AM - 01:10 AM	43.0	51.2	41.2
01:10 AM - 01:15 AM	45.4	59.8	40.9
01:15 AM - 01:20 AM	44.3	53.9	41.2
01:20 AM - 01:25 AM	44.2	53.7	42.0
01:25 AM - 01:30 AM	44.9	59.2	42.7
01:30 AM - 01:35 AM	43.5	50.1	42.2
01:35 AM - 01:40 AM	44.3	55.1	42.2
01:40 AM - 01:45 AM	44.7	55.6	41.9
01:45 AM - 01:50 AM	43.0	50.6	42.0
01:50 AM - 01:55 AM	43.5	55.6	41.9
01:55 AM - 02:00 AM	43.3	56.5	41.2
02:00 AM - 02:05 AM	41.9	53.3	39.9
02:05 AM - 02:10 AM	42.5	52.7	39.9
02:10 AM - 02:15 AM	44.6	62.0	40.0
02:15 AM - 02:20 AM	42.2	56.6	40.2
02:20 AM - 02:25 AM	41.3	43.3	41.6
02:25 AM - 02:30 AM	43.0	59.4	40.6
02:30 AM - 02:35 AM	43.0	53.4	41.2
02:35 AM - 02:40 AM	42.4	46.5	41.4
02:40 AM - 02:45 AM	43.5	52.3	42.4
02:45 AM - 02:50 AM	42.1	46.6	40.9
02:50 AM - 02:55 AM	41.8	44.0	40.8
02:55 AM - 03:00 AM	43.5	56.5	41.7
03:00 AM - 03:05 AM	43.0	45.7	42.1
03:05 AM - 03:10 AM	43.4	52.1	41.3
03:10 AM - 03:15 AM	43.6	51.6	41.4
03:15 AM - 03:20 AM	41.9	48.8	40.7
03:20 AM - 03:25 AM	43.4	51.8	41.2
03:25 AM - 03:30 AM	43.6	47.1	42.0
03:30 AM - 03:35 AM	41.6	44.3	40.2
03:35 AM - 03:40 AM	46.3	61.2	39.8
03:40 AM - 03:45 AM	47.9	63.4	39.9

The above results are valid only for the analyzed/checked sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the laboratory. A laboratory (Group/Company) strongly recommends that this report is not reproduced except in full.

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RIGHT SOLUTIONS RIGHT PLACE RIGHT TIME



Analysis / Test Report

TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silm 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

Lot ID: 22133750
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report No. : 2518898-1

P/O :
Project Name : Project AIE Rayong
Project Location :

Page 3 of 3

Sample No. 22133750-4
Parameter Noise
Location จอดรถ N1 (ใกล้ประตูด้านหลัง) (GPS 47P 0724418, 1402539) (Shut down)
Measurement Date Nov 29 - 30, 2022
Measurement by Santi Chaichana
Sound Level Meter 00873109

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:45 AM - 03:50 AM	41.8	53.5	39.6
03:50 AM - 03:55 AM	43.2	55.5	39.5
03:55 AM - 04:00 AM	41.6	47.1	40.1
04:00 AM - 04:05 AM	41.7	50.1	39.9
04:05 AM - 04:10 AM	50.0	65.0	39.5
04:10 AM - 04:15 AM	45.2	64.0	39.5
04:15 AM - 04:20 AM	41.2	47.1	39.4
04:20 AM - 04:25 AM	48.9	65.0	40.6
04:25 AM - 04:30 AM	41.9	50.0	39.7
04:30 AM - 04:35 AM	43.2	53.3	39.4
04:35 AM - 04:40 AM	43.8	50.1	41.6
04:40 AM - 04:45 AM	46.0	61.3	41.2
04:45 AM - 04:50 AM	45.0	61.1	41.1
04:50 AM - 04:55 AM	43.0	52.1	40.7
04:55 AM - 05:00 AM	43.0	53.2	40.2
05:00 AM - 05:05 AM	44.0	58.3	40.4
05:05 AM - 05:10 AM	45.8	59.6	40.7
05:10 AM - 05:15 AM	46.4	59.7	41.3
05:15 AM - 05:20 AM	48.4	58.7	41.9
05:20 AM - 05:25 AM	48.7	64.1	41.9
05:25 AM - 05:30 AM	45.8	56.2	41.8
05:30 AM - 05:35 AM	48.4	61.1	42.8
05:35 AM - 05:40 AM	47.9	57.0	42.4
05:40 AM - 05:45 AM	49.8	58.5	42.7
05:45 AM - 05:50 AM	54.5	70.4	43.8
05:50 AM - 05:55 AM	52.3	64.9	42.8
05:55 AM - 06:00 AM	51.2	63.6	43.9
06:00 AM - 07:00 AM	53.7	75.1	49.0
07:00 AM - 08:00 AM	55.6	70.9	44.9
08:00 AM - 09:00 AM	50.1	65.1	43.3
09:00 AM - 10:00 AM	48.4	65.1	42.7
10:00 AM - 11:00 AM	50.9	74.9	42.7

Reference Method : Based on ISO 1996-1 and ISO 1996-2

The above results are valid only for the analyzed/checked sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the laboratory. A laboratory (Group/Company) strongly recommends that this report is not reproduced except in full.

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TESTING
No.0042

Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silm 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O : สัญญาจ้าง
Project Name : Project AIE Rayong
Project Location :
Page 1 of 3

Lot ID: 22133750
Date Received: Dec 06, 2022
Date Reported: Dec 15, 2022
Report No.: 2518899-1

Sample No. 22133750-5
Parameter Noise
Location จอดรถ N1 (ใกล้ประตูรถบรรทุก) (GPS 47P 0724418, 1402539) (Shut down)
Measurement Date Nov 30 - 01, 2022
Measurement by Santi Chaichana
Sound Level Meter 00873109

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	49.2	70.2	42.4
12:00 PM - 01:00 PM	51.0	74.9	42.6
01:00 PM - 02:00 PM	53.3	71.8	42.7
02:00 PM - 03:00 PM	56.8	79.7	51.2
03:00 PM - 04:00 PM	52.2	68.7	47.3
04:00 PM - 05:00 PM	52.5	73.6	46.4
05:00 PM - 06:00 PM	54.8	68.8	51.1
06:00 PM - 07:00 PM	51.7	68.2	48.0
07:00 PM - 08:00 PM	50.8	65.3	47.5
08:00 PM - 09:00 PM	52.5	72.2	48.0
09:00 PM - 10:00 PM	50.6	76.9	44.8
10:00 PM - 10:55 PM	46.5	53.6	44.0
10:55 PM - 11:00 PM	47.8	58.1	43.9
10:10 PM - 10:15 PM	46.7	53.8	44.3
10:15 PM - 10:20 PM	48.1	58.9	44.3
10:20 PM - 10:25 PM	47.8	60.4	43.8
10:25 PM - 10:30 PM	51.8	69.0	43.8
10:30 PM - 10:35 PM	47.6	59.7	43.2
10:35 PM - 10:40 PM	47.0	57.2	43.5
10:40 PM - 10:45 PM	49.7	64.6	43.5
10:45 PM - 10:50 PM	54.5	68.8	44.1
10:50 PM - 10:55 PM	50.8	65.4	43.2
10:55 PM - 11:00 PM	49.5	68.9	43.4
11:00 PM - 11:05 PM	47.3	68.7	43.5
11:05 PM - 11:10 PM	47.2	53.2	43.1
11:10 PM - 11:15 PM	47.7	60.4	43.5
11:15 PM - 11:20 PM	45.4	52.0	43.4
11:20 PM - 11:25 PM	45.5	53.8	43.7
11:25 PM - 11:30 PM	45.7	51.1	43.7
11:30 PM - 11:35 PM	45.9	52.5	43.7
11:35 PM - 11:40 PM	45.9	53.8	43.7
11:40 PM - 11:45 PM	46.4	60.2	43.7
11:45 PM - 11:50 PM	48.9	64.6	43.8
11:50 PM - 11:55 PM	45.9	56.2	43.3
11:55 PM - 12:00 AM	52.9	70.1	43.3
12:00 AM - 12:05 AM	44.7	52.9	43.2
12:05 AM - 12:10 AM	45.0	56.2	43.0
12:10 AM - 12:15 AM	44.4	51.4	43.0
12:15 AM - 12:20 AM	45.7	56.7	44.1
12:20 AM - 12:25 AM	45.5	54.6	44.1

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ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

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TESTING
No.0042

Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silm 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O : สัญญาจ้าง
Project Name : Project AIE Rayong
Project Location :
Page 2 of 3

Lot ID: 22133750
Date Received: Dec 06, 2022
Date Reported: Dec 15, 2022
Report No.: 2518899-1

Sample No. 22133750-5
Parameter Noise
Location จอดรถ N1 (ใกล้ประตูรถบรรทุก) (GPS 47P 0724418, 1402539) (Shut down)
Measurement Date Nov 30 - 01, 2022
Measurement by Santi Chaichana
Sound Level Meter 00873109

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:25 AM - 12:30 AM	45.5	55.6	43.6
12:30 AM - 12:35 AM	44.7	47.7	43.9
12:35 AM - 12:40 AM	46.6	62.4	43.5
12:40 AM - 12:45 AM	50.6	65.4	43.0
12:45 AM - 12:50 AM	44.0	54.5	42.5
12:50 AM - 12:55 AM	43.7	48.2	42.7
12:55 AM - 01:00 AM	43.6	50.7	42.7
01:00 AM - 01:05 AM	49.4	64.3	43.4
01:05 AM - 01:10 AM	45.2	54.0	42.7
01:10 AM - 01:15 AM	45.1	64.6	42.7
01:15 AM - 01:20 AM	44.3	50.4	42.8
01:20 AM - 01:25 AM	45.2	56.1	42.5
01:25 AM - 01:30 AM	44.7	51.4	42.5
01:30 AM - 01:35 AM	43.4	47.1	42.6
01:35 AM - 01:40 AM	47.8	61.3	42.5
01:40 AM - 01:45 AM	43.5	52.6	42.1
01:45 AM - 01:50 AM	49.8	64.3	42.8
01:50 AM - 01:55 AM	43.9	50.3	42.5
01:55 AM - 02:00 AM	43.9	52.8	41.9
02:00 AM - 02:05 AM	44.2	47.8	42.9
02:05 AM - 02:10 AM	43.2	47.0	42.6
02:10 AM - 02:15 AM	46.7	60.5	42.5
02:15 AM - 02:20 AM	43.5	51.7	42.3
02:20 AM - 02:25 AM	44.4	56.1	42.5
02:25 AM - 02:30 AM	45.1	53.5	42.9
02:30 AM - 02:35 AM	43.8	51.4	42.4
02:35 AM - 02:40 AM	43.5	45.7	42.4
02:40 AM - 02:45 AM	45.9	50.3	43.2
02:45 AM - 02:50 AM	46.4	51.8	45.7
02:50 AM - 02:55 AM	45.9	47.8	45.5
02:55 AM - 03:00 AM	56.0	74.4	45.3
03:00 AM - 03:05 AM	46.8	53.0	45.4
03:05 AM - 03:10 AM	53.8	68.6	45.9
03:10 AM - 03:15 AM	50.1	62.8	45.5
03:15 AM - 03:20 AM	46.4	35.0	45.7
03:20 AM - 03:25 AM	46.9	55.6	45.6
03:25 AM - 03:30 AM	50.8	63.5	45.5
03:30 AM - 03:35 AM	45.4	47.7	45.0
03:35 AM - 03:40 AM	46.0	53.2	45.3
03:40 AM - 03:45 AM	45.9	48.6	45.0

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TESTING
No.0042

Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silm 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O : สัญญาจ้าง
Project Name : Project AIE Rayong
Project Location :
Page 3 of 3

Lot ID: 22133750
Date Received: Dec 06, 2022
Date Reported: Dec 15, 2022
Report No.: 2518899-1

Sample No. 22133750-5
Parameter Noise
Location จอดรถ N1 (ใกล้ประตูรถบรรทุก) (GPS 47P 0724418, 1402539) (Shut down)
Measurement Date Nov 30 - 01, 2022
Measurement by Santi Chaichana
Sound Level Meter 00873109

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:45 AM - 03:50 AM	46.2	50.9	43.8
03:50 AM - 03:55 AM	47.2	53.0	43.9
03:55 AM - 04:00 AM	46.0	48.1	45.7
04:00 AM - 04:05 AM	46.1	50.5	45.5
04:05 AM - 04:10 AM	46.2	48.7	45.1
04:10 AM - 04:15 AM	47.1	66.2	46.1
04:15 AM - 04:20 AM	51.8	63.1	45.8
04:20 AM - 04:25 AM	50.5	63.7	46.2
04:25 AM - 04:30 AM	47.6	59.3	46.2
04:30 AM - 04:35 AM	48.6	50.7	46.0
04:35 AM - 04:40 AM	47.2	55.1	46.2
04:40 AM - 04:45 AM	47.4	57.3	46.0
04:45 AM - 04:50 AM	47.5	58.5	45.8
04:50 AM - 04:55 AM	47.5	66.8	45.8
04:55 AM - 05:00 AM	46.5	50.3	45.7
05:00 AM - 05:05 AM	46.7	53.6	43.8
05:05 AM - 05:10 AM	46.0	55.8	43.6
05:10 AM - 05:15 AM	46.1	56.4	43.4
05:15 AM - 05:20 AM	46.0	55.9	43.6
05:20 AM - 05:25 AM	47.0	55.6	43.3
05:25 AM - 05:30 AM	46.6	55.3	43.4
05:30 AM - 05:35 AM	48.9	61.0	44.2
05:35 AM - 05:40 AM	48.9	57.4	44.1
05:40 AM - 05:45 AM	51.3	63.6	46.1
05:45 AM - 05:50 AM	53.7	66.9	46.9
05:50 AM - 05:55 AM	56.6	67.6	45.8
05:55 AM - 06:00 AM	55.0	69.7	46.4
06:00 AM - 07:00 AM	55.1	71.8	48.3
07:00 AM - 08:00 AM	53.9	74.4	48.8
08:00 AM - 09:00 AM	51.5	77.8	43.7
09:00 AM - 10:00 AM	48.6	64.2	42.6
10:00 AM - 11:00 AM	49.6	72.4	43.7

Reference Method : Based on ISO 1996-1 and ISO 1996-2

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TESTING
No.0042

Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silm 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O : สัญญาจ้าง
Project Name : Project AIE Rayong
Project Location :
Page 1 of 3

Lot ID: 22133750
Date Received: Dec 06, 2022
Date Reported: Dec 15, 2022
Report No.: 2518899-1

Sample No. 22133750-5
Parameter Noise
Location จอดรถ N1 (ใกล้ประตูรถบรรทุก) (GPS 47P 0724418, 1402539) (Shut down)
Measurement Date Dec 01 - 02, 2022
Measurement by Santi Chaichana
Sound Level Meter 00873109

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	55.2	75.3	49.5
12:00 PM - 01:00 PM	50.6	67.6	45.1
01:00 PM - 02:00 PM	52.7	71.7	44.5
02:00 PM - 03:00 PM	50.9	68.2	44.6
03:00 PM - 04:00 PM	51.8	70.2	46.2
04:00 PM - 05:00 PM	52.2	73.0	45.9
05:00 PM - 06:00 PM	52.7	70.9	47.0
06:00 PM - 07:00 PM	50.7	74.2	45.2
07:00 PM - 08:00 PM	49.2	65.7	43.4
08:00 PM - 09:00 PM	48.1	66.2	42.2
09:00 PM - 10:00 PM	47.4	70.4	43.7
10:00 PM - 10:05 PM	46.7	57.6	42.6
10:05 PM - 10:10 PM	45.2	55.1	42.0
10:10 PM - 10:15 PM	45.5	56.8	42.2
10:15 PM - 10:20 PM	50.7	61.8	41.8
10:20 PM - 10:25 PM	46.0	62.9	43.0
10:25 PM - 10:30 PM	47.4	61.1	42.3
10:30 PM - 10:35 PM	45.1	56.0	42.3
10:35 PM - 10:40 PM	52.4	66.7	42.4
10:40 PM - 10:45 PM	44.9	53.9	42.0
10:45 PM - 10:50 PM	50.3	66.1	42.6
10:50 PM - 10:55 PM	45.7	57.8	41.6
10:55 PM - 11:00 PM	47.5	49.0	41.5
11:00 PM - 11:05 PM	46.8	58.0	41.6
11:05 PM - 11:10 PM	44.1	49.6	41.8
11:10 PM - 11:15 PM	46.0	54.3	41.9
11:15 PM - 11:20 PM	46.4	56.8	42.2
11:20 PM - 11:25 PM	43.6	50.0	41.5
11:25 PM - 11:30 PM	46.2	60.7	41.6
11:30 PM - 11:35 PM	45.9	55.2	41.5
11:35 PM - 11:40 PM	44.9	54.1	41.5
11:40 PM - 11:45 PM	45.3	58.8	42.6
11:45 PM - 11:50 PM	42.6	50.3	41.1
11:50 PM - 11:55 PM	45.1	58.6	42.0
11:55 PM - 12:00 AM	48.9	62.0	42.9
12:00 AM - 12:05 AM	43.1	48.5	41.6
12:05 AM - 12:10 AM	45.5	54.2	42.1
12:10 AM - 12:15 AM	44.5	56.3	41.2
12:15 AM - 12:20 AM	47.6	56.7	42.2
12:20 AM - 12:25 AM	47.4	65.9	43.1

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Analysis / Test Report



TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermuk Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : **ปิยะวิภา**
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22133750
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report No. : 2518900-1

Page 2 of 3

Sample No. 22133750-6
Parameter Noise
Location จอดรถ N1 (พื้นที่จอดรถ) (GPS 47P 0724418, 1402539) (Shut down)
Measurement Date Dec 01 - 02, 2022
Measurement by Santi Chaichana
Sound Level Meter 00873109

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:25 AM - 12:30 AM	43.4	48.9	41.6
12:30 AM - 12:35 AM	43.8	55.0	41.1
12:35 AM - 12:40 AM	44.5	54.7	41.1
12:40 AM - 12:45 AM	42.7	50.9	40.7
12:45 AM - 12:50 AM	43.0	49.1	41.4
12:50 AM - 12:55 AM	46.4	61.0	40.9
12:55 AM - 01:00 AM	45.0	58.5	41.1
01:00 AM - 01:05 AM	43.7	56.0	41.0
01:05 AM - 01:10 AM	42.1	49.2	40.5
01:10 AM - 01:15 AM	42.8	53.5	39.7
01:15 AM - 01:20 AM	41.8	50.2	39.7
01:20 AM - 01:25 AM	46.5	65.5	40.1
01:25 AM - 01:30 AM	42.9	51.7	40.7
01:30 AM - 01:35 AM	43.3	59.0	39.9
01:35 AM - 01:40 AM	43.4	58.5	39.6
01:40 AM - 01:45 AM	47.9	61.1	39.6
01:45 AM - 01:50 AM	46.1	60.7	40.0
01:50 AM - 01:55 AM	40.9	50.2	39.9
01:55 AM - 02:00 AM	44.4	53.7	40.1
02:00 AM - 02:05 AM	44.5	57.9	39.5
02:05 AM - 02:10 AM	47.2	59.4	39.7
02:10 AM - 02:15 AM	48.1	60.0	39.7
02:15 AM - 02:20 AM	41.6	51.4	39.6
02:20 AM - 02:25 AM	42.3	56.8	39.8
02:25 AM - 02:30 AM	42.9	51.3	40.2
02:30 AM - 02:35 AM	42.3	55.1	39.7
02:35 AM - 02:40 AM	40.8	47.0	39.5
02:40 AM - 02:45 AM	41.0	46.5	39.6
02:45 AM - 02:50 AM	42.8	54.1	40.1
02:50 AM - 02:55 AM	42.9	52.4	41.2
02:55 AM - 03:00 AM	42.8	53.5	40.7
03:00 AM - 03:05 AM	42.1	51.0	40.1
03:05 AM - 03:10 AM	41.0	48.7	39.3
03:10 AM - 03:15 AM	42.3	51.1	39.5
03:15 AM - 03:20 AM	44.1	64.0	39.5
03:20 AM - 03:25 AM	42.9	57.2	39.4
03:25 AM - 03:30 AM	50.0	60.7	40.2
03:30 AM - 03:35 AM	49.0	62.1	39.9
03:35 AM - 03:40 AM	48.7	60.6	39.3
03:40 AM - 03:45 AM	48.8	60.8	39.5

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Analysis / Test Report



TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermuk Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : **ปิยะวิภา**
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22133750
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report No. : 2518901-1

Page 1 of 3

Sample No. 22133750-7
Parameter Noise
Location จอดรถ N1 (พื้นที่จอดรถ) (GPS 47P 0724418, 1402539) (Shut down)
Measurement Date Dec 02 - 03, 2022
Measurement by Santi Chaichana
Sound Level Meter 00873109

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	51.0	70.1	46.6
12:00 PM - 01:00 PM	49.4	68.3	43.9
01:00 PM - 02:00 PM	51.9	83.6	44.4
02:00 PM - 03:00 PM	53.8	70.0	51.1
03:00 PM - 04:00 PM	54.2	68.9	51.0
04:00 PM - 05:00 PM	52.4	72.0	47.4
05:00 PM - 06:00 PM	53.5	73.1	48.3
06:00 PM - 07:00 PM	51.2	72.8	46.5
07:00 PM - 08:00 PM	51.0	72.2	45.3
08:00 PM - 09:00 PM	49.2	59.6	45.4
09:00 PM - 10:00 PM	47.3	70.4	42.6
10:00 PM - 10:05 PM	49.9	61.2	43.6
10:05 PM - 10:10 PM	49.3	63.9	43.3
10:10 PM - 10:15 PM	46.3	58.6	41.5
10:15 PM - 10:20 PM	51.3	67.9	42.3
10:20 PM - 10:25 PM	45.7	65.6	41.8
10:25 PM - 10:30 PM	45.6	55.2	42.3
10:30 PM - 10:35 PM	45.6	56.2	41.4
10:35 PM - 10:40 PM	43.7	52.1	40.7
10:40 PM - 10:45 PM	45.6	57.0	40.8
10:45 PM - 10:50 PM	44.5	52.8	41.5
10:50 PM - 10:55 PM	45.9	59.5	42.1
10:55 PM - 11:00 PM	52.2	71.2	42.4
11:00 PM - 11:05 PM	47.0	59.0	42.0
11:05 PM - 11:10 PM	44.3	50.1	41.7
11:10 PM - 11:15 PM	49.6	65.5	42.8
11:15 PM - 11:20 PM	46.3	62.8	41.1
11:20 PM - 11:25 PM	47.2	62.9	41.8
11:25 PM - 11:30 PM	46.8	55.9	42.4
11:30 PM - 11:35 PM	44.5	52.9	42.1
11:35 PM - 11:40 PM	45.4	58.3	42.3
11:40 PM - 11:45 PM	46.3	57.0	41.5
11:45 PM - 11:50 PM	46.0	55.8	40.6
11:50 PM - 11:55 PM	43.6	51.3	40.8
11:55 PM - 12:00 AM	43.0	50.4	40.3
12:00 AM - 12:05 AM	44.0	56.1	40.3
12:05 AM - 12:10 AM	42.7	49.1	40.3
12:10 AM - 12:15 AM	44.8	57.1	40.6
12:15 AM - 12:20 AM	41.9	48.4	40.5
12:20 AM - 12:25 AM	44.0	56.8	40.6

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Analysis / Test Report



TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermuk Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : **ปิยะวิภา**
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22133750
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report No. : 2518900-1

Page 3 of 3

Sample No. 22133750-6
Parameter Noise
Location จอดรถ N1 (พื้นที่จอดรถ) (GPS 47P 0724418, 1402539) (Shut down)
Measurement Date Dec 01 - 02, 2022
Measurement by Santi Chaichana
Sound Level Meter 00873109

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:45 AM - 03:50 AM	47.3	61.4	39.5
03:50 AM - 03:55 AM	49.0	64.7	40.3
03:55 AM - 04:00 AM	47.2	61.1	41.4
04:00 AM - 04:05 AM	44.2	54.1	41.1
04:05 AM - 04:10 AM	45.0	53.0	41.1
04:10 AM - 04:15 AM	48.9	63.3	40.9
04:15 AM - 04:20 AM	49.8	69.1	41.2
04:20 AM - 04:25 AM	46.4	53.7	41.3
04:25 AM - 04:30 AM	53.7	69.7	42.1
04:30 AM - 04:35 AM	51.8	68.5	41.6
04:35 AM - 04:40 AM	51.8	66.1	42.0
04:40 AM - 04:45 AM	50.1	62.3	43.0
04:45 AM - 04:50 AM	49.1	60.8	42.6
04:50 AM - 04:55 AM	56.1	74.4	44.9
04:55 AM - 05:00 AM	60.6	75.2	44.5
05:00 AM - 05:05 AM	59.7	75.8	44.1
05:05 AM - 05:10 AM	60.6	76.4	45.0
05:10 AM - 05:15 AM	60.1	75.1	47.5
05:15 AM - 05:20 AM	58.0	75.1	43.9
05:20 AM - 05:25 AM	52.2	64.5	44.2
05:25 AM - 05:30 AM	51.9	63.8	45.4
05:30 AM - 05:35 AM	51.7	65.6	45.6
05:35 AM - 05:40 AM	50.5	67.5	43.3
05:40 AM - 05:45 AM	56.3	68.2	47.4
05:45 AM - 05:50 AM	54.8	67.1	46.8
05:50 AM - 05:55 AM	53.9	66.4	45.5
05:55 AM - 06:00 AM	53.9	66.3	46.1
06:00 AM - 07:00 AM	52.1	69.4	45.2
07:00 AM - 08:00 AM	52.0	68.8	47.9
08:00 AM - 09:00 AM	53.1	67.5	49.7
09:00 AM - 10:00 AM	52.2	68.7	48.2
10:00 AM - 11:00 AM	52.1	68.4	47.7

Reference Method : Based on ISO 1996-1 and ISO 1996-2

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Analysis / Test Report



TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermuk Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : **ปิยะวิภา**
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22133750
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report No. : 2518901-1

Page 2 of 3

Sample No. 22133750-7
Parameter Noise
Location จอดรถ N1 (พื้นที่จอดรถ) (GPS 47P 0724418, 1402539) (Shut down)
Measurement Date Dec 02 - 03, 2022
Measurement by Santi Chaichana
Sound Level Meter 00873109

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:25 AM - 12:30 AM	43.3	59.3	40.7
12:30 AM - 12:35 AM	45.0	65.4	41.1
12:35 AM - 12:40 AM	43.6	54.5	41.1
12:40 AM - 12:45 AM	46.9	61.6	40.9
12:45 AM - 12:50 AM	49.7	66.9	40.7
12:50 AM - 12:55 AM	43.6	54.2	41.2
12:55 AM - 01:00 AM	44.6	58.8	41.4
01:00 AM - 01:05 AM	45.5	61.1	41.3
01:05 AM - 01:10 AM	42.7	50.9	40.9
01:10 AM - 01:15 AM	45.1	59.5	40.6
01:15 AM - 01:20 AM	44.0	53.6	40.9
01:20 AM - 01:25 AM	43.9	53.4	41.7
01:25 AM - 01:30 AM	44.6	58.9	42.4
01:30 AM - 01:35 AM	43.2	49.8	41.9
01:35 AM - 01:40 AM	44.0	54.8	41.9
01:40 AM - 01:45 AM	44.4	55.3	41.7
01:45 AM - 01:50 AM	42.7	50.3	41.6
01:50 AM - 01:55 AM	43.2	55.3	41.6
01:55 AM - 02:00 AM	43.0	56.2	40.9
02:00 AM - 02:05 AM	41.6	53.0	40.3
02:05 AM - 02:10 AM	42.2	52.4	39.6
02:10 AM - 02:15 AM	44.3	61.7	39.7
02:15 AM - 02:20 AM	41.9	56.3	40.9
02:20 AM - 02:25 AM	43.0	43.0	40.3
02:25 AM - 02:30 AM	44.7	59.1	41.3
02:30 AM - 02:35 AM	42.7	53.1	40.9
02:35 AM - 02:40 AM	42.1	46.2	41.1
02:40 AM - 02:45 AM	43.6	53.0	42.1
02:45 AM - 02:50 AM	41.8	46.3	40.6
02:50 AM - 02:55 AM	41.5	43.7	40.5
02:55 AM - 03:00 AM	43.2	56.2	41.4
03:00 AM - 03:05 AM	42.7	45.4	41.8
03:05 AM - 03:10 AM	43.1	51.8	41.0
03:10 AM - 03:15 AM	43.3	51.3	41.1
03:15 AM - 03:20 AM	41.6	48.5	40.4
03:20 AM - 03:25 AM	43.1	51.5	40.9
03:25 AM - 03:30 AM	43.3	47.0	41.7
03:30 AM - 03:35 AM	41.3	44.0	39.9
03:35 AM - 03:40 AM	46.0	60.9	39.5
03:40 AM - 03:45 AM	47.6	63.1	39.6

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Analysis / Test Report



TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silm 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O : สิริกุลวิชัย
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22133750
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report No. : 2518901-1

Page 3 of 3

Sample No. 22133750-7
Parameter Noise
Location จุดวัด N1 (ใกล้ประตูหน้าอาคาร) (GPS 47P 072418, 1402539) (Shut down)
Measurement Date Dec 02 - 03, 2022
Measurement by Santi Chaichana
Sound Level Meter 00873109

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:45 AM - 03:50 AM	41.5	53.2	39.3
03:50 AM - 03:55 AM	42.9	55.2	39.2
03:55 AM - 04:00 AM	41.3	46.8	38.8
04:00 AM - 04:05 AM	41.4	49.8	39.6
04:05 AM - 04:10 AM	48.7	64.7	39.6
04:10 AM - 04:15 AM	44.8	63.7	39.2
04:15 AM - 04:20 AM	48.5	46.8	39.1
04:20 AM - 04:25 AM	48.6	64.7	40.3
04:25 AM - 04:30 AM	41.6	49.7	39.4
04:30 AM - 04:35 AM	42.9	51.0	39.1
04:35 AM - 04:40 AM	43.5	49.8	41.3
04:40 AM - 04:45 AM	45.7	61.0	40.9
04:45 AM - 04:50 AM	44.7	60.8	40.8
04:50 AM - 04:55 AM	42.7	51.8	40.4
04:55 AM - 05:00 AM	42.7	52.9	39.9
05:00 AM - 05:05 AM	43.7	58.0	40.1
05:05 AM - 05:10 AM	45.5	59.3	40.4
05:10 AM - 05:15 AM	46.1	59.4	41.0
05:15 AM - 05:20 AM	48.1	58.4	41.6
05:20 AM - 05:25 AM	48.4	63.8	41.6
05:25 AM - 05:30 AM	45.5	55.9	41.5
05:30 AM - 05:35 AM	48.1	60.8	42.5
05:35 AM - 05:40 AM	47.6	56.7	42.1
05:40 AM - 05:45 AM	49.5	58.2	42.4
05:45 AM - 05:50 AM	54.2	70.1	43.5
05:50 AM - 05:55 AM	52.0	64.6	42.5
05:55 AM - 06:00 AM	58.9	63.3	43.6
06:00 AM - 07:00 AM	53.4	69.6	47.9
07:00 AM - 08:00 AM	55.3	74.8	48.7
08:00 AM - 09:00 AM	49.8	70.6	44.6
09:00 AM - 10:00 AM	48.1	64.8	43.0
10:00 AM - 11:00 AM	50.6	74.6	42.4

Reference Method : Based on ISO 1996-1 and ISO 1996-2

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Analysis / Test Report



TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silm 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O : สิริกุลวิชัย
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22133750
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report No. : 2518902-1

Page 2 of 3

Sample No. 22133750-8
Parameter Noise
Location จุดวัด N2 (หน้าบ้านหน้าอาคาร) (GPS 47P 0726116, 1406058) (Shut down)
Measurement Date Nov 26 - 27, 2022
Measurement by Santi Chaichana
Sound Level Meter 00472126

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:25 AM - 12:30 AM	47.2	67.7	41.4
12:30 AM - 12:35 AM	49.2	67.7	42.3
12:35 AM - 12:40 AM	46.2	62.7	42.7
12:40 AM - 12:45 AM	45.4	62.0	42.4
12:45 AM - 12:50 AM	47.5	64.6	42.5
12:50 AM - 12:55 AM	45.8	58.0	41.1
12:55 AM - 01:00 AM	47.7	62.5	43.8
01:00 AM - 01:05 AM	47.8	65.0	43.1
01:05 AM - 01:10 AM	45.8	63.8	42.8
01:10 AM - 01:15 AM	45.4	57.7	43.6
01:15 AM - 01:20 AM	47.8	66.7	44.5
01:20 AM - 01:25 AM	48.0	64.3	44.8
01:25 AM - 01:30 AM	49.8	70.4	45.4
01:30 AM - 01:35 AM	48.5	68.3	43.8
01:35 AM - 01:40 AM	44.5	58.1	43.2
01:40 AM - 01:45 AM	45.8	64.5	43.8
01:45 AM - 01:50 AM	52.1	70.3	45.6
01:50 AM - 01:55 AM	48.5	68.8	44.8
01:55 AM - 02:00 AM	46.7	65.7	44.6
02:00 AM - 02:05 AM	47.0	64.6	44.7
02:05 AM - 02:10 AM	49.4	68.1	44.9
02:10 AM - 02:15 AM	45.6	61.8	43.8
02:15 AM - 02:20 AM	47.8	63.4	43.9
02:20 AM - 02:25 AM	47.6	61.6	45.1
02:25 AM - 02:30 AM	47.0	55.4	45.7
02:30 AM - 02:35 AM	49.2	66.0	46.0
02:35 AM - 02:40 AM	47.6	57.1	45.9
02:40 AM - 02:45 AM	47.5	63.3	45.4
02:45 AM - 02:50 AM	47.1	61.6	45.0
02:50 AM - 02:55 AM	46.0	61.0	43.5
02:55 AM - 03:00 AM	43.4	56.1	42.3
03:00 AM - 03:05 AM	43.2	56.7	42.1
03:05 AM - 03:10 AM	48.7	68.1	43.6
03:10 AM - 03:15 AM	44.6	55.6	43.3
03:15 AM - 03:20 AM	46.9	64.9	42.0
03:20 AM - 03:25 AM	43.3	45.7	42.2
03:25 AM - 03:30 AM	43.6	56.9	42.0
03:30 AM - 03:35 AM	45.9	56.8	42.2
03:35 AM - 03:40 AM	50.5	66.1	43.3
03:40 AM - 03:45 AM	44.7	60.7	42.6

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Analysis / Test Report



TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silm 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O : สิริกุลวิชัย
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22133750
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report No. : 2518902-1

Page 1 of 3

Sample No. 22133750-8
Parameter Noise
Location จุดวัด N2 (หน้าบ้านหน้าอาคาร) (GPS 47P 0726116, 1406058) (Shut down)
Measurement Date Nov 26 - 27, 2022
Measurement by Santi Chaichana
Sound Level Meter 00472126

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	52.5	74.4	45.0
12:00 PM - 01:00 PM	60.9	73.8	55.8
01:00 PM - 02:00 PM	53.2	71.2	47.5
02:00 PM - 03:00 PM	52.6	77.0	43.7
03:00 PM - 04:00 PM	56.2	82.5	45.2
04:00 PM - 05:00 PM	55.9	81.2	45.5
05:00 PM - 06:00 PM	56.1	79.8	47.3
06:00 PM - 07:00 PM	56.2	85.8	47.4
07:00 PM - 08:00 PM	53.1	75.1	46.5
08:00 PM - 09:00 PM	51.3	72.2	45.4
09:00 PM - 10:00 PM	50.7	75.7	43.8
10:00 PM - 10:05 PM	48.7	66.1	41.4
10:05 PM - 10:10 PM	51.9	69.2	42.7
10:10 PM - 10:15 PM	50.2	66.3	43.4
10:15 PM - 10:20 PM	48.4	65.7	43.1
10:20 PM - 10:25 PM	52.9	75.1	44.3
10:25 PM - 10:30 PM	52.0	67.8	43.2
10:30 PM - 10:35 PM	53.4	76.3	42.8
10:35 PM - 10:40 PM	51.6	72.4	43.1
10:40 PM - 10:45 PM	49.0	66.2	41.3
10:45 PM - 10:50 PM	50.7	71.7	41.2
10:50 PM - 10:55 PM	48.4	65.1	41.0
10:55 PM - 11:00 PM	50.8	69.1	42.0
11:00 PM - 11:05 PM	46.0	62.2	42.2
11:05 PM - 11:10 PM	48.0	65.5	42.2
11:10 PM - 11:15 PM	50.2	66.9	42.0
11:15 PM - 11:20 PM	49.8	67.3	42.6
11:20 PM - 11:25 PM	49.0	69.2	42.8
11:25 PM - 11:30 PM	52.1	74.5	42.8
11:30 PM - 11:35 PM	49.6	68.1	42.5
11:35 PM - 11:40 PM	45.1	57.1	43.0
11:40 PM - 11:45 PM	45.5	58.6	42.4
11:45 PM - 11:50 PM	48.6	67.0	41.9
11:50 PM - 11:55 PM	45.3	61.4	41.2
11:55 PM - 12:00 AM	44.5	61.7	41.3
12:00 AM - 12:05 AM	45.5	62.5	41.0
12:05 AM - 12:10 AM	50.1	69.4	40.9
12:10 AM - 12:15 AM	52.2	72.9	41.3
12:15 AM - 12:20 AM	51.7	74.8	40.9
12:20 AM - 12:25 AM	49.0	68.2	41.3

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Analysis / Test Report



TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silm 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O : สิริกุลวิชัย
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22133750
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report No. : 2518902-1

Page 3 of 3

Sample No. 22133750-8
Parameter Noise
Location จุดวัด N2 (หน้าบ้านหน้าอาคาร) (GPS 47P 0726116, 1406058) (Shut down)
Measurement Date Nov 26 - 27, 2022
Measurement by Santi Chaichana
Sound Level Meter 00472126

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:45 AM - 03:50 AM	45.6	58.9	43.7
03:50 AM - 03:55 AM	45.2	51.4	43.9
03:55 AM - 04:00 AM	44.5	51.3	42.5
04:00 AM - 04:05 AM	44.7	58.2	42.2
04:05 AM - 04:10 AM	44.4	60.5	41.3
04:10 AM - 04:15 AM	47.4	71.7	40.9
04:15 AM - 04:20 AM	43.7	61.1	41.0
04:20 AM - 04:25 AM	44.7	58.9	41.6
04:25 AM - 04:30 AM	44.7	59.3	43.0
04:30 AM - 04:35 AM	45.6	62.4	43.1
04:35 AM - 04:40 AM	43.4	56.0	42.6
04:40 AM - 04:45 AM	46.5	62.4	43.2
04:45 AM - 04:50 AM	48.1	65.6	44.3
04:50 AM - 04:55 AM	46.9	62.3	43.7
04:55 AM - 05:00 AM	46.5	64.8	44.0
05:00 AM - 05:05 AM	48.1	60.3	44.5
05:05 AM - 05:10 AM	47.8	60.2	44.8
05:10 AM - 05:15 AM	46.6	57.9	44.6
05:15 AM - 05:20 AM	48.6	67.4	43.7
05:20 AM - 05:25 AM	47.4	63.0	43.5
05:25 AM - 05:30 AM	47.8	65.7	44.4
05:30 AM - 05:35 AM	47.5	62.5	44.5
05:35 AM - 05:40 AM	46.5	64.8	44.2
05:40 AM - 05:45 AM	50.8	66.2	45.9
05:45 AM - 05:50 AM	50.3	63.0	45.3
05:50 AM - 05:55 AM	51.6	67.3	45.8
05:55 AM - 06:00 AM	49.1	62.2	45.2
06:00 AM - 07:00 AM	54.4	80.3	44.2
07:00 AM - 08:00 AM	54.3	74.9	43.8
08:00 AM - 09:00 AM	53.2	62.4	44.8
09:00 AM - 10:00 AM	54.4	79.8	47.8
10:00 AM - 11:00 AM	53.2	75.3	46.8

Reference Method : Based on ISO 1996-1 and ISO 1996-2

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Analysis / Test Report



TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermikj Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

Lot ID: 22133750
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report No. : 2518903-1

P/O : อัญญา
Project Name : Project AIE Rayong
Project Location :

Page 1 of 3

Sample No. 22133750-9
Parameter Noise
Location จักรวรรดิ N2 (หน้าบ้านบ้านวัดหลัก) (GPS 47P 0726116, 1406058) (Shut down)
Measurement Date Nov 27 - 28, 2022
Measurement by Santi Chaichana
Sound Level Meter 00472126

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	51.4	72.1	42.6
12:00 PM - 01:00 PM	53.2	75.8	44.6
01:00 PM - 02:00 PM	53.1	80.3	42.5
02:00 PM - 03:00 PM	50.8	71.3	41.6
03:00 PM - 04:00 PM	52.4	74.3	41.9
04:00 PM - 05:00 PM	54.5	82.5	43.4
05:00 PM - 06:00 PM	55.1	80.2	43.1
06:00 PM - 07:00 PM	54.9	82.5	46.3
07:00 PM - 08:00 PM	54.5	81.6	46.6
08:00 PM - 09:00 PM	53.9	81.1	46.0
09:00 PM - 10:00 PM	52.0	77.9	45.5
10:00 PM - 10:55 PM	49.5	64.5	45.0
10:55 PM - 11:00 PM	53.4	75.1	45.5
10:55 PM - 11:05 PM	48.2	62.5	45.4
10:55 PM - 11:10 PM	49.8	67.8	44.5
10:55 PM - 11:20 PM	48.5	66.0	44.7
10:55 PM - 11:30 PM	50.3	71.3	44.4
10:55 PM - 11:40 PM	48.6	63.8	44.8
10:55 PM - 11:50 PM	50.8	70.7	45.4
10:55 PM - 12:00 PM	50.4	72.3	45.5
10:55 PM - 12:10 PM	48.4	61.9	45.3
10:55 PM - 12:20 PM	51.5	71.3	45.4
10:55 PM - 11:00 PM	50.6	70.3	45.4
11:00 PM - 11:05 PM	52.3	69.7	45.1
11:05 PM - 11:10 PM	47.9	59.5	45.0
11:10 PM - 11:15 PM	52.0	73.6	45.0
11:15 PM - 11:20 PM	50.2	65.8	45.1
11:20 PM - 11:25 PM	48.4	65.8	44.7
11:25 PM - 11:30 PM	56.2	85.3	45.0
11:30 PM - 11:35 PM	50.4	72.2	44.0
11:35 PM - 11:40 PM	49.2	67.7	43.9
11:40 PM - 11:45 PM	46.6	66.4	43.7
11:45 PM - 11:50 PM	47.1	62.5	43.7
11:50 PM - 11:55 PM	45.1	55.9	43.2
11:55 PM - 12:00 PM	50.7	72.3	44.2
12:00 AM - 12:05 AM	47.4	69.1	44.2
12:05 AM - 12:10 AM	48.5	65.8	44.6
12:10 AM - 12:15 AM	48.4	69.8	43.9
12:15 AM - 12:20 AM	45.7	59.5	44.2
12:20 AM - 12:25 AM	50.1	70.0	44.2

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Analysis / Test Report



TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermikj Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

Lot ID: 22133750
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report No. : 2518903-1

P/O : อัญญา
Project Name : Project AIE Rayong
Project Location :

Page 3 of 3

Sample No. 22133750-9
Parameter Noise
Location จักรวรรดิ N2 (หน้าบ้านบ้านวัดหลัก) (GPS 47P 0726116, 1406058) (Shut down)
Measurement Date Nov 27 - 28, 2022
Measurement by Santi Chaichana
Sound Level Meter 00472126

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:45 AM - 03:50 AM	44.5	54.9	43.4
03:50 AM - 03:55 AM	45.0	54.2	43.1
03:55 AM - 04:00 AM	45.4	63.6	43.1
04:00 AM - 04:05 AM	44.3	56.0	43.0
04:05 AM - 04:10 AM	46.7	57.4	43.5
04:10 AM - 04:15 AM	46.5	56.9	44.8
04:15 AM - 04:20 AM	46.5	55.9	45.1
04:20 AM - 04:25 AM	48.3	61.9	45.4
04:25 AM - 04:30 AM	44.5	56.0	42.2
04:30 AM - 04:35 AM	45.4	61.7	41.7
04:35 AM - 04:40 AM	45.2	59.7	41.3
04:40 AM - 04:45 AM	44.8	60.9	41.1
04:45 AM - 04:50 AM	44.9	60.3	41.8
04:50 AM - 04:55 AM	44.6	56.3	43.8
04:55 AM - 05:00 AM	47.8	65.8	44.7
05:00 AM - 05:05 AM	49.2	69.4	44.5
05:05 AM - 05:10 AM	47.7	59.0	44.3
05:10 AM - 05:15 AM	47.7	65.3	44.7
05:15 AM - 05:20 AM	48.5	60.6	44.4
05:20 AM - 05:25 AM	51.0	68.5	45.3
05:25 AM - 05:30 AM	49.0	62.0	44.9
05:30 AM - 05:35 AM	50.2	62.8	46.3
05:35 AM - 05:40 AM	50.2	63.5	46.7
05:40 AM - 05:45 AM	49.5	61.9	46.3
05:45 AM - 05:50 AM	50.8	66.8	46.2
05:50 AM - 05:55 AM	50.6	63.1	44.9
05:55 AM - 06:00 AM	51.7	61.2	45.1
06:00 AM - 07:00 AM	54.6	74.8	47.4
07:00 AM - 08:00 AM	56.2	75.6	47.9
08:00 AM - 09:00 AM	52.9	75.5	42.9
09:00 AM - 10:00 AM	51.2	71.3	42.5
10:00 AM - 11:00 AM	50.8	69.0	41.9

Reference Method : Based on ISO 1996-1 and ISO 1996-2

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Analysis / Test Report



TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermikj Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

Lot ID: 22133750
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report No. : 2518903-1

P/O : อัญญา
Project Name : Project AIE Rayong
Project Location :

Page 2 of 3

Sample No. 22133750-9
Parameter Noise
Location จักรวรรดิ N2 (หน้าบ้านบ้านวัดหลัก) (GPS 47P 0726116, 1406058) (Shut down)
Measurement Date Nov 27 - 28, 2022
Measurement by Santi Chaichana
Sound Level Meter 00472126

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:25 AM - 12:30 AM	48.4	64.2	41.6
12:30 AM - 12:35 AM	47.6	64.8	41.9
12:35 AM - 12:40 AM	48.5	67.9	43.3
12:40 AM - 12:45 AM	47.5	64.7	43.7
12:45 AM - 12:50 AM	47.5	64.4	43.9
12:50 AM - 12:55 AM	46.1	64.5	44.5
12:55 AM - 01:00 AM	46.1	60.7	43.6
01:00 AM - 01:05 AM	44.3	57.2	43.0
01:05 AM - 01:10 AM	45.1	56.3	43.1
01:10 AM - 01:15 AM	45.7	64.6	43.4
01:15 AM - 01:20 AM	47.4	68.1	43.9
01:20 AM - 01:25 AM	47.5	64.7	44.4
01:25 AM - 01:30 AM	47.4	64.6	43.6
01:30 AM - 01:35 AM	44.4	50.2	43.7
01:35 AM - 01:40 AM	44.6	60.7	42.9
01:40 AM - 01:45 AM	43.7	50.0	43.1
01:45 AM - 01:50 AM	48.4	72.6	42.9
01:50 AM - 01:55 AM	46.7	64.4	42.6
01:55 AM - 02:00 AM	43.5	59.9	42.0
02:00 AM - 02:05 AM	43.2	45.1	42.7
02:05 AM - 02:10 AM	43.8	45.3	43.2
02:10 AM - 02:15 AM	45.3	64.3	43.2
02:15 AM - 02:20 AM	43.3	44.9	42.7
02:20 AM - 02:25 AM	43.8	60.4	42.5
02:25 AM - 02:30 AM	43.5	45.0	43.9
02:30 AM - 02:35 AM	43.9	52.0	43.2
02:35 AM - 02:40 AM	46.6	61.7	43.6
02:40 AM - 02:45 AM	46.8	70.4	42.9
02:45 AM - 02:50 AM	45.5	48.0	43.7
02:50 AM - 02:55 AM	46.6	65.6	44.0
02:55 AM - 03:00 AM	44.1	47.0	43.3
03:00 AM - 03:05 AM	42.7	67.3	43.4
03:05 AM - 03:10 AM	44.4	48.6	43.6
03:10 AM - 03:15 AM	43.5	48.6	42.7
03:15 AM - 03:20 AM	42.8	46.2	42.2
03:20 AM - 03:25 AM	42.7	45.3	42.0
03:25 AM - 03:30 AM	43.4	45.5	42.8
03:30 AM - 03:35 AM	46.3	62.7	43.0
03:35 AM - 03:40 AM	43.8	45.7	43.2
03:40 AM - 03:45 AM	47.9	67.5	43.6

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RIGHT SOLUTIONS PRECISE ANALYSIS



Analysis / Test Report



TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermikj Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

Lot ID: 22133750
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report No. : 2518904-1

P/O : อัญญา
Project Name : Project AIE Rayong
Project Location :

Page 1 of 3

Sample No. 22133750-10
Parameter Noise
Location จักรวรรดิ N2 (หน้าบ้านบ้านวัดหลัก) (GPS 47P 0726116, 1406058) (Shut down)
Measurement Date Nov 28 - 29, 2022
Measurement by Santi Chaichana
Sound Level Meter 00472126

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	51.8	76.8	43.4
12:00 PM - 01:00 PM	50.5	73.2	43.8
01:00 PM - 02:00 PM	51.7	71.4	44.1
02:00 PM - 03:00 PM	51.5	72.8	43.0
03:00 PM - 04:00 PM	52.5	81.0	41.8
04:00 PM - 05:00 PM	54.5	75.2	44.5
05:00 PM - 06:00 PM	56.1	76.2	45.4
06:00 PM - 07:00 PM	60.5	80.5	45.7
07:00 PM - 08:00 PM	53.4	80.5	44.9
08:00 PM - 09:00 PM	51.6	71.9	45.7
09:00 PM - 10:00 PM	50.7	70.7	45.3
10:00 PM - 10:05 PM	50.0	69.6	44.2
10:05 PM - 10:10 PM	51.9	70.9	44.2
10:10 PM - 10:15 PM	48.9	64.4	43.1
10:15 PM - 10:20 PM	48.6	68.4	42.0
10:20 PM - 10:25 PM	49.1	69.0	42.3
10:25 PM - 10:30 PM	47.9	64.8	43.1
10:30 PM - 10:35 PM	47.5	62.8	44.7
10:35 PM - 10:40 PM	47.1	59.4	44.8
10:40 PM - 10:45 PM	47.7	63.2	42.2
10:45 PM - 10:50 PM	49.9	67.8	43.7
10:50 PM - 10:55 PM	46.9	62.5	44.0
10:55 PM - 11:00 PM	48.6	66.7	44.0
11:00 PM - 11:05 PM	47.2	62.9	44.2
11:05 PM - 11:10 PM	48.7	63.1	43.3
11:10 PM - 11:15 PM	46.8	63.6	42.0
11:15 PM - 11:20 PM	45.0	61.1	42.4
11:20 PM - 11:25 PM	46.4	61.4	43.1
11:25 PM - 11:30 PM	48.4	66.4	42.4
11:30 PM - 11:35 PM	45.8	59.4	43.5
11:35 PM - 11:40 PM	45.8	63.6	44.2
11:40 PM - 11:45 PM	46.2	58.3	44.4
11:45 PM - 11:50 PM	45.7	57.5	44.1
11:50 PM - 11:55 PM	48.7	66.8	43.0
11:55 PM - 12:00 AM	45.6	61.2	42.5
12:00 AM - 12:05 AM	43.5	53.7	41.7
12:05 AM - 12:10 AM	44.5	58.2	42.1
12:10 AM - 12:15 AM	44.4	59.1	42.7
12:15 AM - 12:20 AM	46.0	60.6	43.5
12:20 AM - 12:25 AM	48.9	66.4	44.3

The above results are valid only for the analysis period (sample(s) as indicated in this report). No part of this report or certificate may be reproduced in any form without written consent from the Laboratory (ALS Laboratory Group (Thailand)) except as recommended in this report is not reproduced except in full.

Approved by

Wiwawan Borik
Assistant Manager

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RIGHT SOLUTIONS PRECISE ANALYSIS



Analysis / Test Report



TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

Lot ID: 22133750
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report No. : 2518904-1

P/O : สัญญาจ้าง
Project Name : Project AIE Rayong
Project Location :
Page 2 of 3

Sample No. 22133750-10
Parameter Noise
Location จุดวัดเสียง N2 (หมู่บ้านบ้านวัดหลัก) (GPS 47P 0726116, 1406058) (Shut down)
Measurement Date Nov 29 - 30, 2022
Measurement by Santi Chaiachana
Sound Level Meter 00472126

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:25 AM - 12:30 AM	46.3	58.2	44.3
12:30 AM - 12:35 AM	46.3	59.2	43.4
12:35 AM - 12:40 AM	44.2	59.3	41.6
12:40 AM - 12:45 AM	45.4	61.3	43.3
12:45 AM - 12:50 AM	43.7	56.1	42.2
12:50 AM - 12:55 AM	42.6	51.4	41.4
12:55 AM - 01:00 AM	46.3	66.8	41.1
01:00 AM - 01:05 AM	46.7	66.4	39.1
01:05 AM - 01:10 AM	45.2	64.4	38.3
01:10 AM - 01:15 AM	42.5	62.0	38.4
01:15 AM - 01:20 AM	39.1	44.0	38.5
01:20 AM - 01:25 AM	45.3	64.6	39.3
01:25 AM - 01:30 AM	45.4	64.1	41.5
01:30 AM - 01:35 AM	42.7	55.6	41.8
01:35 AM - 01:40 AM	42.5	52.4	41.6
01:40 AM - 01:45 AM	42.7	59.1	40.1
01:45 AM - 01:50 AM	45.5	60.3	40.3
01:50 AM - 01:55 AM	45.1	60.4	41.8
01:55 AM - 02:00 AM	52.3	69.3	43.7
02:00 AM - 02:05 AM	46.2	72.6	42.4
02:05 AM - 02:10 AM	45.5	65.3	42.1
02:10 AM - 02:15 AM	44.0	63.9	41.3
02:15 AM - 02:20 AM	43.4	67.7	40.9
02:20 AM - 02:25 AM	44.0	59.4	40.9
02:25 AM - 02:30 AM	45.1	66.8	40.6
02:30 AM - 02:35 AM	41.9	49.2	40.2
02:35 AM - 02:40 AM	44.9	69.9	41.9
02:40 AM - 02:45 AM	43.9	62.4	40.5
02:45 AM - 02:50 AM	45.3	71.1	40.5
02:50 AM - 02:55 AM	46.6	44.7	39.9
02:55 AM - 03:00 AM	45.3	62.9	40.8
03:00 AM - 03:05 AM	41.9	46.2	41.0
03:05 AM - 03:10 AM	47.0	66.3	43.2
03:10 AM - 03:15 AM	45.6	62.2	43.6
03:15 AM - 03:20 AM	46.3	64.8	43.9
03:20 AM - 03:25 AM	47.1	67.4	44.9
03:25 AM - 03:30 AM	45.8	48.8	44.8
03:30 AM - 03:35 AM	64.6	87.6	44.1
03:35 AM - 03:40 AM	48.2	59.9	43.7
03:40 AM - 03:45 AM	50.3	70.8	44.4

The above results are valid only for the work period specified as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. A Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Wibb.

Wibwan Borirak
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Analysis / Test Report



TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

Lot ID: 22133750
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report No. : 2518904-1

P/O : สัญญาจ้าง
Project Name : Project AIE Rayong
Project Location :
Page 3 of 3

Sample No. 22133750-10
Parameter Noise
Location จุดวัดเสียง N2 (หมู่บ้านบ้านวัดหลัก) (GPS 47P 0726116, 1406058) (Shut down)
Measurement Date Nov 28 - 29, 2022
Measurement by Santi Chaiachana
Sound Level Meter 00472126

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:45 AM - 03:50 AM	45.7	56.6	43.9
03:50 AM - 03:55 AM	45.4	58.3	43.2
03:55 AM - 04:00 AM	47.0	65.7	43.0
04:00 AM - 04:05 AM	45.0	51.7	41.6
04:05 AM - 04:10 AM	49.4	68.8	44.4
04:10 AM - 04:15 AM	47.1	63.3	44.0
04:15 AM - 04:20 AM	46.2	63.4	43.4
04:20 AM - 04:25 AM	45.3	56.4	44.4
04:25 AM - 04:30 AM	49.9	64.5	45.3
04:30 AM - 04:35 AM	48.2	60.3	44.9
04:35 AM - 04:40 AM	48.0	66.3	44.4
04:40 AM - 04:45 AM	47.7	56.7	46.0
04:45 AM - 04:50 AM	48.0	65.9	45.8
04:50 AM - 04:55 AM	46.8	53.8	46.2
04:55 AM - 05:00 AM	48.3	65.1	46.0
05:00 AM - 05:05 AM	48.8	63.4	45.6
05:05 AM - 05:10 AM	49.1	67.9	46.2
05:10 AM - 05:15 AM	47.7	60.2	45.9
05:15 AM - 05:20 AM	47.6	59.4	45.0
05:20 AM - 05:25 AM	48.2	61.7	44.6
05:25 AM - 05:30 AM	50.3	65.5	43.5
05:30 AM - 05:35 AM	47.2	59.1	43.1
05:35 AM - 05:40 AM	49.8	67.1	44.2
05:40 AM - 05:45 AM	50.2	63.2	45.3
05:45 AM - 05:50 AM	51.0	65.5	44.2
05:50 AM - 05:55 AM	50.4	67.7	45.3
05:55 AM - 06:00 AM	51.6	64.2	47.0
06:00 AM - 07:00 AM	54.5	80.4	47.0
07:00 AM - 08:00 AM	55.1	74.4	45.9
08:00 AM - 09:00 AM	53.4	71.8	41.7
09:00 AM - 10:00 AM	52.1	75.2	42.0
10:00 AM - 11:00 AM	50.9	72.2	42.5

Reference Method : Based on ISO 1996-1 and ISO 1996-2

Approved by

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Analysis / Test Report



TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

Lot ID: 22133750
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report No. : 2518905-1

P/O : สัญญาจ้าง
Project Name : Project AIE Rayong
Project Location :
Page 1 of 3

Sample No. 22133750-11
Parameter Noise
Location จุดวัดเสียง N2 (หมู่บ้านบ้านวัดหลัก) (GPS 47P 0726116, 1406058) (Shut down)
Measurement Date Nov 29 - 30, 2022
Measurement by Santi Chaiachana
Sound Level Meter 00472126

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	51.3	75.7	43.8
12:00 PM - 01:00 PM	51.5	75.2	43.6
01:00 PM - 02:00 PM	51.3	73.7	41.0
02:00 PM - 03:00 PM	52.2	82.1	41.0
03:00 PM - 04:00 PM	52.8	77.5	40.4
04:00 PM - 05:00 PM	56.0	82.0	44.2
05:00 PM - 06:00 PM	59.8	89.5	51.5
06:00 PM - 07:00 PM	53.5	71.4	42.3
07:00 PM - 08:00 PM	53.1	75.2	44.5
08:00 PM - 09:00 PM	52.4	80.6	45.3
09:00 PM - 10:00 PM	49.1	67.2	45.1
10:00 PM - 10:05 PM	48.9	63.7	45.3
10:05 PM - 10:10 PM	51.7	67.0	45.9
10:10 PM - 10:15 PM	50.3	65.7	45.3
10:15 PM - 10:20 PM	50.0	67.0	45.7
10:20 PM - 10:25 PM	52.9	74.8	46.7
10:25 PM - 10:30 PM	50.4	70.6	44.7
10:30 PM - 10:35 PM	50.0	73.0	45.6
10:35 PM - 10:40 PM	48.7	64.3	45.5
10:40 PM - 10:45 PM	49.0	66.3	44.9
10:45 PM - 10:50 PM	51.6	69.7	46.0
10:50 PM - 10:55 PM	54.9	69.2	53.1
10:55 PM - 11:00 PM	53.2	63.6	52.2
11:00 PM - 11:05 PM	54.2	70.5	51.4
11:05 PM - 11:10 PM	52.6	66.0	51.6
11:10 PM - 11:15 PM	52.0	56.9	51.7
11:15 PM - 11:20 PM	52.5	59.5	51.6
11:20 PM - 11:25 PM	53.4	68.5	51.6
11:25 PM - 11:30 PM	51.9	62.0	51.1
11:30 PM - 11:35 PM	55.2	77.1	51.2
11:35 PM - 11:40 PM	51.6	59.8	51.2
11:40 PM - 11:45 PM	54.1	73.2	51.2
11:45 PM - 11:50 PM	52.2	67.6	51.1
11:50 PM - 11:55 PM	52.1	63.4	51.2
11:55 PM - 12:00 AM	52.1	66.6	51.1
12:00 AM - 12:05 AM	52.2	62.7	51.2
12:05 AM - 12:10 AM	51.8	62.3	51.3
12:10 AM - 12:15 AM	52.3	65.0	51.4
12:15 AM - 12:20 AM	52.0	58.9	51.5
12:20 AM - 12:25 AM	52.3	64.7	51.3

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Analysis / Test Report



TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

Lot ID: 22133750
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report No. : 2518905-1

P/O : สัญญาจ้าง
Project Name : Project AIE Rayong
Project Location :
Page 2 of 3

Sample No. 22133750-11
Parameter Noise
Location จุดวัดเสียง N2 (หมู่บ้านบ้านวัดหลัก) (GPS 47P 0726116, 1406058) (Shut down)
Measurement Date Nov 29 - 30, 2022
Measurement by Santi Chaiachana
Sound Level Meter 00472126

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:25 AM - 12:30 AM	51.4	52.9	51.1
12:30 AM - 12:35 AM	51.9	61.3	51.3
12:35 AM - 12:40 AM	53.5	70.1	51.3
12:40 AM - 12:45 AM	52.3	64.8	51.4
12:45 AM - 12:50 AM	52.2	63.7	51.4
12:50 AM - 12:55 AM	51.5	52.5	51.1
12:55 AM - 01:00 AM	53.0	65.6	51.2
01:00 AM - 01:05 AM	51.8	59.2	51.4
01:05 AM - 01:10 AM	51.6	59.3	51.2
01:10 AM - 01:15 AM	52.1	65.9	51.2
01:15 AM - 01:20 AM	51.7	63.1	51.1
01:20 AM - 01:25 AM	51.5	52.7	51.3
01:25 AM - 01:30 AM	51.1	53.9	50.9
01:30 AM - 01:35 AM	52.3	63.9	51.1
01:35 AM - 01:40 AM	51.3	60.2	51.0
01:40 AM - 01:45 AM	51.8	70.3	50.9
01:45 AM - 01:50 AM	51.7	64.4	50.9
01:50 AM - 01:55 AM	49.3	64.6	39.0
01:55 AM - 02:00 AM	49.0	71.4	38.7
02:00 AM - 02:05 AM	42.3	63.4	38.4
02:05 AM - 02:10 AM	41.9	63.6	38.3
02:10 AM - 02:15 AM	43.1	60.0	38.5
02:15 AM - 02:20 AM	48.7	68.7	38.8
02:20 AM - 02:25 AM	40.7	53.8	38.9
02:25 AM - 02:30 AM	40.1	54.1	37.4
02:30 AM - 02:35 AM	43.5	64.2	36.9
02:35 AM - 02:40 AM	38.9	46.4	37.0
02:40 AM - 02:45 AM	40.6	58.4	37.1
02:45 AM - 02:50 AM	43.4	51.2	38.2
02:50 AM - 02:55 AM	38.4	42.7	37.0
02:55 AM - 03:00 AM	44.5	67.2	36.9
03:00 AM - 03:05 AM	38.3	45.8	36.7
03:05 AM - 03:10 AM	41.4	57.9	37.6
03:10 AM - 03:15 AM	41.3	58.8	38.3
03:15 AM - 03:20 AM	39.1	50.6	37.8
03:20 AM - 03:25 AM	41.1	56.4	37.8
03:25 AM - 03:30 AM	46.0	63.2	38.4
03:30 AM - 03:35 AM	44.6	65.0	38.4
03:35 AM - 03:40 AM	41.2	50.1	38.3
03:40 AM - 03:45 AM	42.5	55.1	39.1

Approved by

Wibb.

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Analysis / Test Report



TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

Lot ID: 22133750
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report No. : 2518905-1

P/O : สัญญา
Project Name : Project AIE Rayong
Project Location :

Page 1 of 3

Sample No. : 22133750-11
Parameter : Noise
Location : ซอยพิปัด N2 (หมู่บ้านวัดใหม่) (GPS 47P 0726116, 1406058) (Shut down)
Measurement Date : Nov 29 - 30, 2022
Measurement by : Santi Chaichana
Sound Level Meter : 00472126

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:45 AM - 03:50 AM	47.6	63.5	39.4
03:50 AM - 03:55 AM	46.2	58.9	39.1
03:55 AM - 04:00 AM	47.3	61.3	39.8
04:00 AM - 04:05 AM	43.5	60.8	39.0
04:05 AM - 04:10 AM	44.0	58.7	40.2
04:10 AM - 04:15 AM	43.8	61.2	40.5
04:15 AM - 04:20 AM	42.7	63.4	42.0
04:20 AM - 04:25 AM	44.8	59.7	41.6
04:25 AM - 04:30 AM	48.6	69.3	41.7
04:30 AM - 04:35 AM	47.8	60.8	41.3
04:35 AM - 04:40 AM	42.1	52.5	40.9
04:40 AM - 04:45 AM	43.4	58.7	41.3
04:45 AM - 04:50 AM	47.1	65.9	41.6
04:50 AM - 04:55 AM	51.2	64.1	44.1
04:55 AM - 05:00 AM	47.5	62.8	42.8
05:00 AM - 05:05 AM	48.9	66.6	42.8
05:05 AM - 05:10 AM	49.9	62.3	42.3
05:10 AM - 05:15 AM	49.1	62.6	43.2
05:15 AM - 05:20 AM	51.1	61.3	43.5
05:20 AM - 05:25 AM	50.5	69.4	43.4
05:25 AM - 05:30 AM	52.2	65.3	44.3
05:30 AM - 05:35 AM	51.8	64.7	45.5
05:35 AM - 05:40 AM	51.9	67.6	45.5
05:40 AM - 05:45 AM	50.4	66.4	45.4
05:45 AM - 05:50 AM	53.3	64.0	46.1
05:50 AM - 05:55 AM	53.3	66.4	46.4
05:55 AM - 06:00 AM	51.7	64.7	47.0
06:00 AM - 06:05 AM	56.0	75.2	48.0
06:05 AM - 06:10 AM	56.7	76.3	48.1
06:10 AM - 06:15 AM	52.3	70.1	42.4
06:15 AM - 06:20 AM	51.5	72.7	40.9
06:20 AM - 06:25 AM	50.8	68.1	40.6

Reference Method : Based on ISO 1996-1 and ISO 1996-2



Analysis / Test Report



TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

Lot ID: 22133750
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report No. : 2518906-1

P/O : สัญญา
Project Name : Project AIE Rayong
Project Location :

Page 1 of 3

Sample No. : 22133750-12
Parameter : Noise
Location : ซอยพิปัด N2 (หมู่บ้านวัดใหม่) (GPS 47P 0726116, 1406058) (Shut down)
Measurement Date : Nov 30 - 01, 2022
Measurement by : Santi Chaichana
Sound Level Meter : 00472126

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	52.9	79.9	43.7
12:00 PM - 01:00 PM	51.8	79.4	43.3
01:00 PM - 02:00 PM	52.2	80.3	43.0
02:00 PM - 03:00 PM	52.9	84.0	43.2
03:00 PM - 04:00 PM	53.0	73.7	43.9
04:00 PM - 05:00 PM	53.7	77.0	44.5
05:00 PM - 06:00 PM	54.2	77.3	46.4
06:00 PM - 07:00 PM	54.8	81.7	46.0
07:00 PM - 08:00 PM	53.4	79.7	43.3
08:00 PM - 09:00 PM	53.9	84.2	43.4
09:00 PM - 10:00 PM	50.9	74.0	41.6
10:00 PM - 10:05 PM	49.0	71.1	39.5
10:05 PM - 10:10 PM	46.4	62.0	39.8
10:10 PM - 10:15 PM	50.4	72.0	39.9
10:15 PM - 10:20 PM	63.9	63.9	39.5
10:20 PM - 10:25 PM	45.9	56.7	39.8
10:25 PM - 10:30 PM	52.6	66.1	50.1
10:30 PM - 10:35 PM	52.9	67.7	49.9
10:35 PM - 10:40 PM	51.2	64.5	49.3
10:40 PM - 10:45 PM	50.9	64.6	49.2
10:45 PM - 10:50 PM	51.1	62.9	49.8
10:50 PM - 10:55 PM	51.9	64.0	49.8
10:55 PM - 11:00 PM	50.1	59.6	49.4
11:00 PM - 11:05 PM	51.3	60.4	49.7
11:05 PM - 11:10 PM	50.5	63.1	49.5
11:10 PM - 11:15 PM	50.4	63.8	49.4
11:15 PM - 11:20 PM	52.4	68.7	49.3
11:20 PM - 11:25 PM	53.3	70.5	49.4
11:25 PM - 11:30 PM	51.8	70.7	49.2
11:30 PM - 11:35 PM	51.3	65.5	49.2
11:35 PM - 11:40 PM	50.7	61.9	49.3
11:40 PM - 11:45 PM	50.5	64.4	49.2
11:45 PM - 11:50 PM	49.7	60.5	49.1
11:50 PM - 11:55 PM	50.3	61.8	49.2
11:55 PM - 12:00 AM	54.0	75.1	49.0
12:00 AM - 12:05 AM	50.4	64.0	49.2
12:05 AM - 12:10 AM	49.8	60.2	49.0
12:10 AM - 12:15 AM	50.7	67.4	49.1
12:15 AM - 12:20 AM	49.7	55.8	48.9
12:20 AM - 12:25 AM	50.1	60.4	49.7

Reference Method : Based on ISO 1996-1 and ISO 1996-2

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Assistant Manager

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Analysis / Test Report



TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

Lot ID: 22133750
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report No. : 2518905-1

P/O : สัญญา
Project Name : Project AIE Rayong
Project Location :

Page 2 of 3

Sample No. : 22133750-12
Parameter : Noise
Location : ซอยพิปัด N2 (หมู่บ้านวัดใหม่) (GPS 47P 0726116, 1406058) (Shut down)
Measurement Date : Nov 30 - 01, 2022
Measurement by : Santi Chaichana
Sound Level Meter : 00472126

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:25 AM - 12:30 AM	49.8	61.5	48.9
12:30 AM - 12:35 AM	50.4	63.1	49.1
12:35 AM - 12:40 AM	49.5	57.1	49.0
12:40 AM - 12:45 AM	49.8	59.0	49.1
12:45 AM - 12:50 AM	49.1	57.1	48.7
12:50 AM - 12:55 AM	50.5	69.2	48.9
12:55 AM - 01:00 AM	52.0	72.6	49.0
01:00 AM - 01:05 AM	49.4	54.8	49.1
01:05 AM - 01:10 AM	49.7	64.1	48.9
01:10 AM - 01:15 AM	49.2	53.3	48.9
01:15 AM - 01:20 AM	49.8	57.6	49.2
01:20 AM - 01:25 AM	49.4	54.0	49.1
01:25 AM - 01:30 AM	50.5	66.6	49.1
01:30 AM - 01:35 AM	49.0	49.9	48.8
01:35 AM - 01:40 AM	50.2	64.4	48.8
01:40 AM - 01:45 AM	49.8	62.8	48.6
01:45 AM - 01:50 AM	49.7	57.8	48.6
01:50 AM - 01:55 AM	51.7	67.5	48.9
01:55 AM - 02:00 AM	50.5	66.1	48.9
02:00 AM - 02:05 AM	49.9	60.7	48.6
02:05 AM - 02:10 AM	52.7	61.8	37.6
02:10 AM - 02:15 AM	46.5	64.8	38.0
02:15 AM - 02:20 AM	42.5	61.6	37.6
02:20 AM - 02:25 AM	41.1	58.0	37.6
02:25 AM - 02:30 AM	40.7	61.0	36.0
02:30 AM - 02:35 AM	39.5	51.3	36.0
02:35 AM - 02:40 AM	40.9	50.8	37.8
02:40 AM - 02:45 AM	38.6	49.2	37.8
02:45 AM - 02:50 AM	47.0	66.2	38.6
02:50 AM - 02:55 AM	49.1	70.8	39.5
02:55 AM - 03:00 AM	44.3	65.4	39.1
03:00 AM - 03:05 AM	43.9	65.6	39.9
03:05 AM - 03:10 AM	40.7	50.2	39.5
03:10 AM - 03:15 AM	40.1	45.6	39.5
03:15 AM - 03:20 AM	44.7	66.8	37.8
03:20 AM - 03:25 AM	40.2	56.1	38.5
03:25 AM - 03:30 AM	44.9	64.1	39.0
03:30 AM - 03:35 AM	42.7	60.9	39.6
03:35 AM - 03:40 AM	44.2	61.9	40.0
03:40 AM - 03:45 AM	41.0	50.7	40.3

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Assistant Manager

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Analysis / Test Report



TESTING
No. 0042

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O : สัญญาจ้าง
Project Name : Project AIE Rayong
Project Location : Santai Chaichana

Lot ID: 22133750-13
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report No. : 2518907-1

Page 1 of 3

Sample No. : 22133750-13
Parameter : Noise
Location : จุดวัดหน้า N2 (หน้าบ้านหน้าวัด) (GPS 47P 0726116, 1406058) (Shut down)
Measurement Date : Dec 01 - 02, 2022
Measurement by : Santai Chaichana
Sound Level Meter : 00472126

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	51.5	78.7	42.5
12:00 PM - 01:00 PM	50.2	74.7	41.8
01:00 PM - 02:00 PM	51.5	73.5	43.6
02:00 PM - 03:00 PM	51.4	74.3	43.5
03:00 PM - 04:00 PM	51.3	74.7	42.0
04:00 PM - 05:00 PM	53.4	73.7	45.4
05:00 PM - 06:00 PM	53.7	76.7	45.7
06:00 PM - 07:00 PM	54.1	76.8	46.5
07:00 PM - 08:00 PM	52.5	77.6	44.1
08:00 PM - 09:00 PM	54.2	83.4	45.6
09:00 PM - 10:00 PM	50.9	70.0	47.0
10:00 PM - 10:55 PM	54.3	78.3	45.3
10:55 PM - 11:00 PM	48.6	63.4	43.4
11:00 PM - 11:05 PM	47.6	62.4	43.7
11:05 PM - 11:10 PM	48.8	60.8	45.1
11:10 PM - 11:15 PM	49.2	74.0	45.5
11:15 PM - 11:20 PM	49.2	64.5	45.7
11:20 PM - 11:25 PM	49.4	62.6	46.0
11:25 PM - 11:30 PM	48.3	62.9	45.4
11:30 PM - 11:35 PM	48.9	62.9	45.3
11:35 PM - 11:40 PM	48.3	61.2	45.1
11:40 PM - 11:45 PM	47.7	58.3	46.6
11:45 PM - 11:50 PM	50.7	72.8	46.7
11:50 PM - 11:55 PM	50.7	66.5	46.9
11:55 PM - 12:00 PM	50.8	65.5	46.6
12:00 PM - 12:05 PM	49.9	66.9	47.0
12:05 PM - 12:10 PM	48.5	66.0	46.0
12:10 PM - 12:15 PM	48.0	61.5	45.6
12:15 PM - 12:20 AM	51.0	70.2	45.9
12:20 AM - 12:25 AM	47.6	57.5	45.6
12:25 AM - 12:30 AM	54.5	74.5	48.0
12:30 AM - 12:35 AM	48.1	52.6	46.3
12:35 AM - 12:40 AM	49.3	64.5	46.1
12:40 AM - 12:45 AM	52.2	72.8	45.6
12:45 AM - 12:50 AM	49.6	59.5	46.0
12:50 AM - 12:55 AM	47.8	58.4	46.5
12:55 AM - 1:00 AM	47.8	58.3	46.0
1:00 AM - 1:05 AM	47.0	58.9	44.5
1:05 AM - 1:10 AM	46.0	65.7	44.1
1:10 AM - 1:15 AM	46.3	66.8	45.0

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Analysis / Test Report



TESTING
No. 0042

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O : สัญญาจ้าง
Project Name : Project AIE Rayong
Project Location : Santai Chaichana

Lot ID: 22133750-13
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report No. : 2518907-1

Page 2 of 3

Sample No. : 22133750-13
Parameter : Noise
Location : จุดวัดหน้า N2 (หน้าบ้านหน้าวัด) (GPS 47P 0726116, 1406058) (Shut down)
Measurement Date : Dec 01 - 02, 2022
Measurement by : Santai Chaichana
Sound Level Meter : 00472126

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:25 AM - 12:30 AM	47.6	61.6	45.8
12:30 AM - 12:35 AM	46.6	55.3	45.8
12:35 AM - 12:40 AM	49.0	67.0	45.3
12:40 AM - 12:45 AM	47.9	68.1	44.8
12:45 AM - 12:50 AM	50.1	73.0	44.3
12:50 AM - 12:55 AM	47.9	63.3	43.8
12:55 AM - 01:00 AM	48.7	67.2	42.9
01:00 AM - 01:05 AM	46.5	64.9	42.8
01:05 AM - 01:10 AM	43.1	53.9	42.2
01:10 AM - 01:15 AM	45.0	63.7	43.3
01:15 AM - 01:20 AM	45.4	60.4	43.5
01:20 AM - 01:25 AM	52.3	76.0	42.8
01:25 AM - 01:30 AM	43.7	46.4	42.7
01:30 AM - 01:35 AM	47.5	69.7	44.1
01:35 AM - 01:40 AM	46.8	66.6	43.5
01:40 AM - 01:45 AM	45.5	62.9	42.8
01:45 AM - 01:50 AM	46.5	65.7	43.1
01:50 AM - 01:55 AM	45.5	59.2	42.1
01:55 AM - 02:00 AM	44.5	57.4	42.7
02:00 AM - 02:05 AM	44.3	57.5	42.6
02:05 AM - 02:10 AM	51.5	73.9	42.7
02:10 AM - 02:15 AM	49.2	66.5	43.2
02:15 AM - 02:20 AM	46.1	56.4	44.4
02:20 AM - 02:25 AM	46.8	50.5	43.8
02:25 AM - 02:30 AM	48.2	64.8	45.8
02:30 AM - 02:35 AM	49.6	59.6	45.0
02:35 AM - 02:40 AM	48.4	69.2	46.0
02:40 AM - 02:45 AM	48.7	64.0	46.5
02:45 AM - 02:50 AM	49.5	63.9	46.4
02:50 AM - 02:55 AM	47.7	62.6	45.9
02:55 AM - 03:00 AM	48.8	68.0	43.7
03:00 AM - 03:05 AM	44.8	59.4	42.8
03:05 AM - 03:10 AM	43.5	54.9	42.3
03:10 AM - 03:15 AM	48.5	64.7	42.5
03:15 AM - 03:20 AM	46.3	65.1	42.0
03:20 AM - 03:25 AM	45.0	61.7	41.2
03:25 AM - 03:30 AM	45.8	64.0	41.8
03:30 AM - 03:35 AM	47.3	64.5	43.1
03:35 AM - 03:40 AM	45.4	58.8	43.4
03:40 AM - 03:45 AM	49.3	71.9	42.0

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Analysis / Test Report



TESTING
No. 0042

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O : สัญญาจ้าง
Project Name : Project AIE Rayong
Project Location : Santai Chaichana

Lot ID: 22133750-13
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report No. : 2518907-1

Page 3 of 3

Sample No. : 22133750-13
Parameter : Noise
Location : จุดวัดหน้า N2 (หน้าบ้านหน้าวัด) (GPS 47P 0726116, 1406058) (Shut down)
Measurement Date : Dec 01 - 02, 2022
Measurement by : Santai Chaichana
Sound Level Meter : 00472126

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:45 AM - 03:50 AM	47.8	51.5	42.3
03:50 AM - 03:55 AM	48.1	58.1	43.3
03:55 AM - 04:00 AM	49.7	58.4	43.9
04:00 AM - 04:05 AM	49.5	66.7	45.6
04:05 AM - 04:10 AM	48.2	61.0	45.1
04:10 AM - 04:15 AM	48.6	58.8	45.2
04:15 AM - 04:20 AM	46.7	56.9	44.7
04:20 AM - 04:25 AM	46.6	60.2	44.2
04:25 AM - 04:30 AM	46.4	58.7	43.1
04:30 AM - 04:35 AM	50.9	70.0	45.6
04:35 AM - 04:40 AM	46.3	52.1	44.7
04:40 AM - 04:45 AM	48.0	60.9	45.6
04:45 AM - 04:50 AM	49.4	60.8	45.7
04:50 AM - 04:55 AM	49.7	61.8	46.7
04:55 AM - 05:00 AM	51.4	69.3	47.6
05:00 AM - 05:05 AM	48.2	59.1	45.6
05:05 AM - 05:10 AM	51.0	61.5	46.3
05:10 AM - 05:15 AM	48.3	60.8	46.2
05:15 AM - 05:20 AM	51.0	64.9	45.9
05:20 AM - 05:25 AM	54.0	74.4	46.1
05:25 AM - 05:30 AM	50.3	64.1	46.0
05:30 AM - 05:35 AM	52.8	66.8	46.4
05:35 AM - 05:40 AM	51.4	65.6	46.7
05:40 AM - 05:45 AM	51.9	63.5	47.2
05:45 AM - 05:50 AM	52.3	63.3	47.0
05:50 AM - 05:55 AM	51.2	63.3	46.8
05:55 AM - 06:00 AM	54.9	68.4	47.3
06:00 AM - 07:00 AM	55.2	72.9	48.8
07:00 AM - 08:00 AM	55.6	78.1	47.7
08:00 AM - 09:00 AM	54.2	80.9	45.2
09:00 AM - 10:00 AM	50.9	71.6	41.7
10:00 AM - 11:00 AM	51.2	74.0	42.0

Reference Method : Based on ISO 1996-1 and ISO 1996-2

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Analysis / Test Report



TESTING
No. 0042

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O : สัญญาจ้าง
Project Name : Project AIE Rayong
Project Location : Santai Chaichana

Lot ID: 22133750-14
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report No. : 2518908-1

Page 1 of 3

Sample No. : 22133750-14
Parameter : Noise
Location : จุดวัดหน้า N2 (หน้าบ้านหน้าวัด) (GPS 47P 0726116, 1406058) (Shut down)
Measurement Date : Dec 02 - 03, 2022
Measurement by : Santai Chaichana
Sound Level Meter : 00472126

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	49.8	69.8	42.4
12:00 PM - 01:00 PM	50.9	71.9	43.1
01:00 PM - 02:00 PM	50.6	74.5	43.1
02:00 PM - 03:00 PM	51.2	71.5	42.9
03:00 PM - 04:00 PM	52.6	76.4	44.1
04:00 PM - 05:00 PM	55.9	86.7	45.3
05:00 PM - 06:00 PM	54.7	84.4	45.1
06:00 PM - 07:00 PM	56.2	86.0	46.1
07:00 PM - 08:00 PM	53.1	74.7	45.9
08:00 PM - 09:00 PM	53.1	77.2	44.4
09:00 PM - 10:00 PM	52.5	80.5	42.1
10:00 PM - 10:05 PM	49.9	69.8	41.6
10:05 PM - 10:10 PM	47.9	62.2	41.6
10:10 PM - 10:15 PM	50.1	71.6	42.7
10:15 PM - 10:20 PM	47.3	68.4	42.7
10:20 PM - 10:25 PM	56.8	81.3	43.4
10:25 PM - 10:30 PM	51.1	73.0	42.7
10:30 PM - 10:35 PM	50.1	68.7	42.7
10:35 PM - 10:40 PM	47.3	65.6	42.2
10:40 PM - 10:45 PM	47.8	63.5	43.0
10:45 PM - 10:50 PM	48.4	69.6	42.1
10:50 PM - 10:55 PM	49.2	65.5	43.1
10:55 PM - 11:00 AM	49.0	77.9	42.1
11:00 PM - 11:05 PM	47.2	59.4	42.2
11:05 PM - 11:10 PM	50.3	64.9	42.5
11:10 PM - 11:15 PM	51.8	70.6	42.5
11:15 PM - 11:20 PM	57.4	79.8	43.1
11:20 PM - 11:25 PM	55.9	81.0	42.4
11:25 PM - 11:30 PM	46.9	60.2	42.7
11:30 PM - 11:35 PM	48.1	65.1	43.0
11:35 PM - 11:40 PM	48.3	68.1	42.6
11:40 PM - 11:45 PM	46.3	62.0	42.5
11:45 PM - 11:50 PM	47.2	65.3	42.5
11:50 PM - 11:55 PM	45.9	59.4	42.1
11:55 PM - 12:00 AM	49.1	63.7	42.1
12:00 AM - 12:05 AM	50.3	67.2	43.0
12:05 AM - 12:10 AM	49.0	68.2	42.8
12:10 AM - 12:15 AM	48.9	65.3	42.9
12:15 AM - 12:20 AM	48.7	67.3	42.3
12:20 AM - 12:25 AM	50.7	70.7	42.3

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Analysis / Test Report



TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silm 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O : สัญญาจ้าง
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22133750
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report No. : 2518909-1

Page 2 of 3

Sample No. : 22133750-14
Parameter : Noise
Location : ซอยพิปัด N2 (ซอยหน้าวัดโสมนัส) (GPS 47P 0726116, 1406058) (Shut down)
Measurement Date : Dec 02 - 03, 2022
Measurement by : Santi Chaichana
Sound Level Meter : 00472126

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:25 AM - 12:30 AM	46.5	61.3	41.7
12:30 AM - 12:35 AM	46.1	61.7	41.8
12:35 AM - 12:40 AM	45.9	61.1	41.6
12:40 AM - 12:45 AM	49.3	67.6	43.1
12:45 AM - 12:50 AM	44.3	56.3	42.8
12:50 AM - 12:55 AM	44.9	64.5	42.6
12:55 AM - 01:00 AM	41.2	54.9	43.7
01:00 AM - 01:05 AM	50.2	73.6	44.3
01:05 AM - 01:10 AM	46.8	67.9	44.0
01:10 AM - 01:15 AM	46.3	61.2	43.8
01:15 AM - 01:20 AM	45.8	57.6	44.1
01:20 AM - 01:25 AM	48.0	61.3	43.3
01:25 AM - 01:30 AM	45.8	59.9	42.7
01:30 AM - 01:35 AM	45.9	69.7	42.0
01:35 AM - 01:40 AM	45.3	60.8	40.5
01:40 AM - 01:45 AM	43.1	61.4	39.9
01:45 AM - 01:50 AM	42.9	57.6	40.1
01:50 AM - 01:55 AM	53.2	76.4	40.8
01:55 AM - 02:00 AM	43.6	55.0	41.7
02:00 AM - 02:05 AM	47.5	65.4	40.8
02:05 AM - 02:10 AM	44.7	64.6	40.9
02:10 AM - 02:15 AM	48.1	66.5	40.9
02:15 AM - 02:20 AM	42.5	45.2	41.1
02:20 AM - 02:25 AM	48.1	67.4	42.4
02:25 AM - 02:30 AM	48.4	65.1	41.9
02:30 AM - 02:35 AM	45.1	62.7	42.0
02:35 AM - 02:40 AM	46.7	64.1	41.1
02:40 AM - 02:45 AM	45.5	62.9	42.0
02:45 AM - 02:50 AM	47.3	63.0	43.2
02:50 AM - 02:55 AM	44.8	57.5	43.4
02:55 AM - 03:00 AM	43.7	57.9	42.2
03:00 AM - 03:05 AM	43.2	53.4	41.5
03:05 AM - 03:10 AM	42.5	47.7	41.0
03:10 AM - 03:15 AM	45.6	61.6	43.2
03:15 AM - 03:20 AM	45.5	59.4	43.2
03:20 AM - 03:25 AM	45.8	61.6	43.3
03:25 AM - 03:30 AM	44.6	49.2	43.8
03:30 AM - 03:35 AM	47.0	64.5	43.9
03:35 AM - 03:40 AM	46.8	68.1	43.4
03:40 AM - 03:45 AM	43.6	53.8	42.3

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Analysis / Test Report



TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silm 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O : สัญญาจ้าง
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22133750
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report No. : 2518909-1

Page 1 of 3

Sample No. : 22133750-15
Parameter : Noise
Location : ซอยพิปัด N3 (ซอยหน้าวัดโสมนัส) (GPS 47P 0726357, 1407350) (Shut down)
Measurement Date : Nov 26 - 27, 2022
Measurement by : Santi Chaichana
Sound Level Meter : 00472132

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	55.1	66.4	48.4
11:00 AM - 12:00 PM	61.4	73.3	57.3
12:00 PM - 01:00 PM	55.0	66.3	48.3
01:00 PM - 02:00 PM	61.3	73.2	57.2
02:00 PM - 03:00 PM	51.2	67.4	47.7
03:00 PM - 04:00 PM	53.9	73.4	45.3
04:00 PM - 05:00 PM	49.9	64.7	46.8
05:00 PM - 06:00 PM	53.6	74.9	46.8
06:00 PM - 07:00 PM	52.9	66.8	49.4
07:00 PM - 08:00 PM	52.9	71.4	49.4
08:00 PM - 09:00 PM	53.0	73.2	49.4
09:00 PM - 10:00 PM	51.5	69.0	47.4
10:00 PM - 10:05 PM	50.9	58.6	47.5
10:05 PM - 10:10 PM	51.2	62.5	47.8
10:10 PM - 10:15 PM	51.7	54.3	47.0
10:15 PM - 10:20 PM	49.5	58.1	46.3
10:20 PM - 10:25 PM	54.0	67.0	48.4
10:25 PM - 10:30 PM	50.0	56.6	47.6
10:30 PM - 10:35 PM	51.6	62.7	46.8
10:35 PM - 10:40 PM	51.5	60.6	47.7
10:40 PM - 10:45 PM	49.6	55.4	46.3
10:45 PM - 10:50 PM	50.7	61.6	47.5
10:50 PM - 10:55 PM	51.7	67.2	47.7
10:55 PM - 11:00 PM	50.5	61.2	45.8
11:00 PM - 11:05 PM	50.9	58.7	46.4
11:05 PM - 11:10 PM	49.3	54.2	47.2
11:10 PM - 11:15 PM	49.4	55.6	46.7
11:15 PM - 11:20 PM	49.1	55.2	46.7
11:20 PM - 11:25 PM	49.9	58.2	45.4
11:25 PM - 11:30 PM	49.0	56.3	46.3
11:30 PM - 11:35 PM	50.8	66.7	45.7
11:35 PM - 11:40 PM	51.0	62.7	47.8
11:40 PM - 11:45 PM	49.9	54.5	47.3
11:45 PM - 11:50 PM	53.1	64.7	48.0
11:50 PM - 11:55 PM	50.2	56.4	46.2
11:55 PM - 12:00 AM	51.5	66.7	44.7
12:00 AM - 12:05 AM	46.1	53.7	43.3
12:05 AM - 12:10 AM	48.7	56.4	45.6
12:10 AM - 12:15 AM	48.6	59.6	44.9
12:15 AM - 12:20 AM	47.5	56.1	44.3

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Analysis / Test Report



TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silm 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O : สัญญาจ้าง
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22133750
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report No. : 2518909-1

Page 3 of 3

Sample No. : 22133750-14
Parameter : Noise
Location : ซอยพิปัด N2 (ซอยหน้าวัดโสมนัส) (GPS 47P 0726116, 1406058) (Shut down)
Measurement Date : Dec 02 - 03, 2022
Measurement by : Santi Chaichana
Sound Level Meter : 00472126

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:45 AM - 03:50 AM	44.0	58.8	41.9
03:50 AM - 03:55 AM	42.9	53.0	41.7
03:55 AM - 04:00 AM	44.9	60.6	42.6
04:00 AM - 04:05 AM	46.9	65.9	42.3
04:05 AM - 04:10 AM	44.6	58.1	41.8
04:10 AM - 04:15 AM	44.7	64.6	42.6
04:15 AM - 04:20 AM	44.9	59.9	43.0
04:20 AM - 04:25 AM	44.6	58.4	43.1
04:25 AM - 04:30 AM	45.8	57.3	43.0
04:30 AM - 04:35 AM	46.5	57.6	43.9
04:35 AM - 04:40 AM	47.1	60.1	44.1
04:40 AM - 04:45 AM	49.1	68.6	44.1
04:45 AM - 04:50 AM	52.5	68.3	45.0
04:50 AM - 04:55 AM	46.5	57.3	44.6
04:55 AM - 05:00 AM	47.4	62.6	44.7
05:00 AM - 05:05 AM	47.5	58.2	45.2
05:05 AM - 05:10 AM	48.2	60.7	45.0
05:10 AM - 05:15 AM	47.5	59.7	44.7
05:15 AM - 05:20 AM	47.5	60.2	44.1
05:20 AM - 05:25 AM	47.5	58.2	45.0
05:25 AM - 05:30 AM	53.5	70.3	46.1
05:30 AM - 05:35 AM	49.5	60.8	45.8
05:35 AM - 05:40 AM	49.6	60.7	45.6
05:40 AM - 05:45 AM	51.8	63.8	46.0
05:45 AM - 05:50 AM	51.3	62.6	46.4
05:50 AM - 05:55 AM	51.7	64.2	46.6
05:55 AM - 06:00 AM	55.6	68.6	46.2
06:00 AM - 07:00 AM	54.3	76.8	46.8
07:00 AM - 08:00 AM	55.5	79.6	46.5
08:00 AM - 09:00 AM	55.1	87.3	44.6
09:00 AM - 10:00 AM	54.1	81.6	44.9
10:00 AM - 11:00 AM	55.1	77.1	47.2

Reference Method : Based on ISO 1996-1 and ISO 1996-2

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Analysis / Test Report



TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silm 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O : สัญญาจ้าง
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22133750
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report No. : 2518909-1

Page 2 of 3

Sample No. : 22133750-15
Parameter : Noise
Location : ซอยพิปัด N3 (ซอยหน้าวัดโสมนัส) (GPS 47P 0726357, 1407350) (Shut down)
Measurement Date : Nov 26 - 27, 2022
Measurement by : Santi Chaichana
Sound Level Meter : 00472132

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:20 AM - 12:25 AM	50.1	60.4	45.7
12:25 AM - 12:30 AM	49.4	59.6	45.1
12:30 AM - 12:35 AM	49.7	56.8	44.8
12:35 AM - 12:40 AM	48.8	56.9	45.0
12:40 AM - 12:45 AM	47.9	54.7	44.4
12:45 AM - 12:50 AM	48.0	60.5	44.1
12:50 AM - 12:55 AM	49.2	55.7	45.5
12:55 AM - 01:00 AM	48.7	55.5	44.1
01:00 AM - 01:05 AM	48.5	56.0	44.4
01:05 AM - 01:10 AM	50.3	55.1	46.5
01:10 AM - 01:15 AM	49.5	58.2	44.3
01:15 AM - 01:20 AM	49.1	59.9	43.6
01:20 AM - 01:25 AM	49.8	56.1	44.8
01:25 AM - 01:30 AM	50.3	56.0	45.3
01:30 AM - 01:35 AM	53.6	67.3	42.7
01:35 AM - 01:40 AM	47.6	61.1	42.9
01:40 AM - 01:45 AM	51.0	69.4	42.9
01:45 AM - 01:50 AM	48.3	56.4	42.6
01:50 AM - 01:55 AM	49.5	56.8	42.9
01:55 AM - 02:00 AM	56.2	75.7	46.8
02:00 AM - 02:05 AM	49.8	57.4	43.1
02:05 AM - 02:10 AM	50.6	60.3	42.9
02:10 AM - 02:15 AM	51.4	56.1	47.8
02:15 AM - 02:20 AM	57.3	62.0	44.4
02:20 AM - 02:25 AM	48.6	60.2	42.4
02:25 AM - 02:30 AM	47.7	55.5	41.4
02:30 AM - 02:35 AM	45.9	61.1	41.3
02:35 AM - 02:40 AM	44.9	54.5	42.2
02:40 AM - 02:45 AM	44.4	54.7	42.0
02:45 AM - 02:50 AM	47.9	55.8	42.1
02:50 AM - 02:55 AM	47.0	64.4	42.1
02:55 AM - 03:00 AM	46.3	56.2	42.9
03:00 AM - 03:05 AM	47.1	56.5	41.6
03:05 AM - 03:10 AM	45.6	55.0	41.6
03:10 AM - 03:15 AM	45.5	55.8	41.1
03:15 AM - 03:20 AM	42.5	52.6	40.2
03:20 AM - 03:25 AM	49.2	59.4	40.7
03:25 AM - 03:30 AM	51.2	56.8	41.4
03:30 AM - 03:35 AM	51.5	58.0	46.3
03:35 AM - 03:40 AM	60.0	79.8	42.5

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Analysis / Test Report



TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : บริษัท

Project Name : Project AIE Raying

Project Location :

Lot ID: 22133750

Date Received : Dec 06, 2022

Date Reported : Dec 15, 2022

Report No. : 251899-1

Page 3 of 3

Sample No. 22133750-15
Parameter Noise
Location หน้าห้อง N3 (Nearstaircase) (GPS 47P 0726357, 1407350) (Shut down)
Measurement Date Nov 26 - 27, 2022
Measurement by Santi Chaichana
Sound Level Meter 00472132

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:40 AM - 03:45 AM	45.3	56.3	41.4
03:45 AM - 03:50 AM	47.1	57.0	41.3
03:50 AM - 03:55 AM	46.6	55.4	40.8
03:55 AM - 04:00 AM	45.9	55.5	41.6
04:00 AM - 04:05 AM	46.1	55.7	40.9
04:05 AM - 04:10 AM	45.5	57.0	40.5
04:10 AM - 04:15 AM	43.5	54.2	40.8
04:15 AM - 04:20 AM	46.7	56.8	40.7
04:20 AM - 04:25 AM	48.7	56.6	41.7
04:25 AM - 04:30 AM	49.0	57.1	41.4
04:30 AM - 04:35 AM	46.1	56.9	41.2
04:35 AM - 04:40 AM	47.7	56.8	41.8
04:40 AM - 04:45 AM	47.9	56.9	40.8
04:45 AM - 04:50 AM	43.4	53.8	40.7
04:50 AM - 04:55 AM	49.9	56.4	42.4
04:55 AM - 05:00 AM	45.7	55.3	41.2
05:00 AM - 05:05 AM	50.8	58.1	44.7
05:05 AM - 05:10 AM	47.5	59.7	42.9
05:10 AM - 05:15 AM	48.2	62.8	42.9
05:15 AM - 05:20 AM	44.4	48.6	42.5
05:20 AM - 05:25 AM	44.9	51.1	42.3
05:25 AM - 05:30 AM	44.9	50.8	42.2
05:30 AM - 05:35 AM	46.6	55.1	43.2
05:35 AM - 05:40 AM	45.7	54.2	42.1
05:40 AM - 05:45 AM	46.1	53.2	42.9
05:45 AM - 05:50 AM	46.5	55.4	44.2
05:50 AM - 05:55 AM	57.6	76.8	45.0
05:55 AM - 06:00 AM	54.8	77.1	44.0
06:00 AM - 07:00 AM	54.7	76.9	46.3
07:00 AM - 08:00 AM	50.6	63.8	46.5
08:00 AM - 09:00 AM	51.1	67.8	46.9
09:00 AM - 10:00 AM	53.0	72.1	48.4

Reference Method : Based on ISO 1996-1 and ISO 1996-2



Analysis / Test Report



TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : บริษัท

Project Name : Project AIE Raying

Project Location :

Lot ID: 22133750

Date Received : Dec 06, 2022

Date Reported : Dec 15, 2022

Report No. : 251899-1

Page 1 of 3

Sample No. 22133750-16
Parameter Noise
Location หน้าห้อง N3 (Nearstaircase) (GPS 47P 0726357, 1407350) (Shut down)
Measurement Date Nov 27 - 28, 2022
Measurement by Santi Chaichana
Sound Level Meter 00472132

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	55.4	68.2	53.5
11:00 AM - 12:00 PM	51.0	69.9	45.5
12:00 PM - 01:00 PM	50.0	69.9	45.3
01:00 PM - 02:00 PM	50.1	75.5	44.7
02:00 PM - 03:00 PM	48.0	63.7	42.4
03:00 PM - 04:00 PM	48.0	75.3	41.8
04:00 PM - 05:00 PM	48.1	64.5	42.7
05:00 PM - 06:00 PM	51.9	76.7	45.4
06:00 PM - 07:00 PM	53.3	78.4	47.7
07:00 PM - 08:00 PM	51.9	66.0	46.8
08:00 PM - 09:00 PM	53.2	67.7	49.1
09:00 PM - 10:00 PM	50.8	67.8	47.3
10:00 PM - 10:05 PM	48.6	60.7	45.7
10:05 PM - 10:10 PM	47.5	51.9	45.6
10:10 PM - 10:15 PM	48.3	56.9	46.1
10:15 PM - 10:20 PM	49.3	57.2	46.5
10:20 PM - 10:25 PM	50.3	64.9	46.3
10:25 PM - 10:30 PM	49.5	57.1	46.8
10:30 PM - 10:35 PM	49.5	56.6	46.4
10:35 PM - 10:40 PM	49.7	66.5	46.3
10:40 PM - 10:45 PM	49.7	68.2	46.2
10:45 PM - 10:50 PM	48.6	54.2	46.3
10:50 PM - 10:55 PM	48.6	60.9	46.2
10:55 PM - 11:00 PM	47.6	62.9	45.3
11:00 PM - 11:05 PM	56.1	73.7	45.9
11:05 PM - 11:10 PM	54.6	67.9	45.2
11:10 PM - 11:15 PM	47.4	52.8	45.1
11:15 PM - 11:20 PM	58.4	76.9	45.4
11:20 PM - 11:25 PM	47.7	60.4	45.2
11:25 PM - 11:30 PM	47.3	56.0	45.1
11:30 PM - 11:35 PM	47.3	55.4	44.5
11:35 PM - 11:40 PM	48.3	61.3	44.2
11:40 PM - 11:45 PM	47.0	56.9	44.2
11:45 PM - 11:50 PM	45.9	54.4	43.2
11:50 PM - 11:55 PM	45.8	50.9	43.0
11:55 PM - 12:00 AM	51.6	66.8	44.8
12:00 AM - 12:05 AM	46.2	53.8	43.4
12:05 AM - 12:10 AM	48.8	56.5	45.7
12:10 AM - 12:15 AM	48.7	59.7	45.0
12:15 AM - 12:20 AM	47.8	56.2	44.4

Reference Method : Based on ISO 1996-1 and ISO 1996-2

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Assistant Manager

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Analysis / Test Report



TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : บริษัท

Project Name : Project AIE Raying

Project Location :

Lot ID: 22133750

Date Received : Dec 06, 2022

Date Reported : Dec 15, 2022

Report No. : 251899-1

Page 2 of 3

Sample No. 22133750-16
Parameter Noise
Location หน้าห้อง N3 (Nearstaircase) (GPS 47P 0726357, 1407350) (Shut down)
Measurement Date Nov 27 - 28, 2022
Measurement by Santi Chaichana
Sound Level Meter 00472132

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:20 AM - 12:25 AM	50.2	60.5	45.8
12:25 AM - 12:30 AM	49.5	59.7	45.2
12:30 AM - 12:35 AM	49.8	56.9	44.9
12:35 AM - 12:40 AM	48.9	57.0	45.1
12:40 AM - 12:45 AM	48.0	54.8	44.5
12:45 AM - 12:50 AM	48.1	60.6	44.2
12:50 AM - 12:55 AM	49.3	55.8	45.6
12:55 AM - 01:00 AM	48.8	55.6	44.2
01:00 AM - 01:05 AM	48.6	56.1	44.5
01:05 AM - 01:10 AM	50.4	55.2	46.6
01:10 AM - 01:15 AM	49.6	58.3	44.4
01:15 AM - 01:20 AM	49.2	60.0	45.7
01:20 AM - 01:25 AM	49.9	56.2	45.0
01:25 AM - 01:30 AM	50.4	56.1	45.4
01:30 AM - 01:35 AM	53.7	67.4	42.8
01:35 AM - 01:40 AM	47.7	61.2	42.2
01:40 AM - 01:45 AM	51.1	69.5	43.0
01:45 AM - 01:50 AM	48.4	56.5	42.7
01:50 AM - 01:55 AM	49.6	56.9	43.0
01:55 AM - 02:00 AM	56.3	75.8	42.6
02:00 AM - 02:05 AM	48.0	57.5	43.4
02:05 AM - 02:10 AM	50.7	56.4	43.0
02:10 AM - 02:15 AM	51.5	56.2	47.9
02:15 AM - 02:20 AM	51.1	57.4	44.5
02:20 AM - 02:25 AM	48.7	60.3	42.5
02:25 AM - 02:30 AM	47.8	55.6	41.5
02:30 AM - 02:35 AM	46.0	61.2	41.4
02:35 AM - 02:40 AM	45.9	55.0	42.3
02:40 AM - 02:45 AM	44.5	54.8	42.1
02:45 AM - 02:50 AM	48.0	55.9	42.2
02:50 AM - 02:55 AM	47.1	64.5	42.2
02:55 AM - 03:00 AM	46.4	56.3	42.6
03:00 AM - 03:05 AM	47.2	56.4	41.7
03:05 AM - 03:10 AM	45.7	55.1	41.7
03:10 AM - 03:15 AM	45.6	55.9	41.2
03:15 AM - 03:20 AM	42.6	52.7	40.3
03:20 AM - 03:25 AM	49.3	59.5	40.8
03:25 AM - 03:30 AM	51.3	56.9	41.5
03:30 AM - 03:35 AM	51.6	58.1	46.4
03:35 AM - 03:40 AM	60.1	79.9	42.6

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Analysis / Test Report



TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : บริษัท

Project Name : Project AIE Raying

Project Location :

Lot ID: 22133750

Date Received : Dec 06, 2022

Date Reported : Dec 15, 2022

Report No. : 251899-1

Page 3 of 3

Sample No. 22133750-16
Parameter Noise
Location หน้าห้อง N3 (Nearstaircase) (GPS 47P 0726357, 1407350) (Shut down)
Measurement Date Nov 27 - 28, 2022
Measurement by Santi Chaichana
Sound Level Meter 00472132

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:40 AM - 03:45 AM	45.6	56.4	41.5
03:45 AM - 03:50 AM	47.2	57.1	41.4
03:50 AM - 03:55 AM	46.7	55.5	40.9
03:55 AM - 04:00 AM	46.0	55.6	41.7
04:00 AM - 04:05 AM	46.0	55.8	41.0
04:05 AM - 04:10 AM	45.6	57.1	40.6
04:10 AM - 04:15 AM	43.6	54.3	40.9
04:15 AM - 04:20 AM	48.8	56.9	40.8
04:20 AM - 04:25 AM	49.1	57.0	42.1
04:25 AM - 04:30 AM	49.4	57.5	41.8
04:30 AM - 04:35 AM	48.5	57.1	41.6
04:35 AM - 04:40 AM	48.3	57.2	42.2
04:40 AM - 04:45 AM	48.3	57.3	41.2
04:45 AM - 04:50 AM	43.8	54.2	41.1
04:50 AM - 04:55 AM	50.3	56.8	42.8
04:55 AM - 05:00 AM	48.0	55.7	41.6
05:00 AM - 05:05 AM	51.2	58.5	45.1
05:05 AM - 05:10 AM	47.9	60.1	43.3
05:10 AM - 05:15 AM	48.6	63.2	43.3
05:15 AM - 05:20 AM	44.8	49.0	42.9
05:20 AM - 05:25 AM	45.3	51.5	42.7
05:25 AM - 05:30 AM	45.3	51.2	42.6
05:30 AM - 05:35 AM	47.0	55.5	43.6
05:35 AM - 05:40 AM	46.3	54.6	42.5
05:40 AM - 05:45 AM	46.5	53.6	43.3
05:45 AM - 05:50 AM	46.9	55.8	44.6
05:50 AM - 05:55 AM	58.0	79.2	45.4
05:55 AM - 06:00 AM	55.2	77.5	44.4
06:00 AM - 07:00 AM	55.1	77.3	46.7
07:00 AM - 08:00 AM	51.0	64.2	46.9
08:00 AM - 09:00 AM	51.5	68.2	47.3
09:00 AM - 10:00 AM	53.4	72.5	48.8

Reference Method : Based on ISO 1996-1 and ISO 1996-2

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TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermik Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O :
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22133750
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report No. : 2518911-1

Page 1 of 3

Sample No. 22133750-17
Parameter Noise
Location จันทนา N3 (จันทนา) (GPS 47P 0726357, 1407350) (Shut down)
Measurement Date Nov 28 - 29, 2022
Measurement by Santi Chaichana
Sound Level Meter 00472132

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	55.8	68.6	53.9
11:00 AM - 12:00 PM	51.4	70.3	45.9
12:00 PM - 01:00 PM	50.4	70.3	45.7
01:00 PM - 02:00 PM	50.5	75.9	45.1
02:00 PM - 03:00 PM	48.4	64.1	42.8
03:00 PM - 04:00 PM	48.4	75.7	42.2
04:00 PM - 05:00 PM	48.5	64.9	43.1
05:00 PM - 06:00 PM	52.3	77.1	43.8
06:00 PM - 07:00 PM	53.7	78.8	48.1
07:00 PM - 08:00 PM	52.3	66.4	49.2
08:00 PM - 09:00 PM	52.4	68.1	49.8
09:00 PM - 10:00 PM	51.2	68.2	47.7
10:00 PM - 10:05 PM	49.0	61.1	46.1
10:05 PM - 10:10 PM	47.9	52.3	46.0
10:10 PM - 10:15 PM	48.7	57.3	46.5
10:15 PM - 10:20 PM	49.7	57.6	46.9
10:20 PM - 10:25 PM	50.7	65.3	46.7
10:25 PM - 10:30 PM	49.9	57.5	47.2
10:30 PM - 10:35 PM	49.9	57.0	46.8
10:35 PM - 10:40 PM	50.1	66.9	46.7
10:40 PM - 10:45 PM	50.1	68.6	46.6
10:45 PM - 10:50 PM	49.0	54.6	46.7
10:50 PM - 10:55 PM	49.2	61.3	46.3
10:55 PM - 11:00 PM	48.0	63.3	45.7
11:00 PM - 11:05 PM	56.5	74.1	46.3
11:05 PM - 11:10 PM	55.0	68.3	45.6
11:10 PM - 11:15 PM	47.8	53.2	45.2
11:15 PM - 11:20 PM	58.8	77.3	45.8
11:20 PM - 11:25 PM	48.1	60.8	45.6
11:25 PM - 11:30 PM	47.7	56.4	45.5
11:30 PM - 11:35 PM	47.7	55.8	44.9
11:35 PM - 11:40 PM	48.7	61.7	44.6
11:40 PM - 11:45 PM	47.4	57.3	44.6
11:45 PM - 11:50 PM	46.3	54.8	43.6
11:50 PM - 11:55 PM	46.2	51.3	44.1
11:55 PM - 12:00 AM	52.0	67.2	45.2
12:00 AM - 12:05 AM	46.6	54.2	43.8
12:05 AM - 12:10 AM	49.2	56.9	46.1
12:10 AM - 12:15 AM	49.1	60.1	45.4
12:15 AM - 12:20 AM	48.0	56.6	44.8

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Analysis / Test Report



TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermik Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O :
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22133750
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report No. : 2518911-1

Page 3 of 3

Sample No. 22133750-17
Parameter Noise
Location จันทนา N3 (จันทนา) (GPS 47P 0726357, 1407350) (Shut down)
Measurement Date Nov 28 - 29, 2022
Measurement by Santi Chaichana
Sound Level Meter 00472132

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:40 AM - 03:45 AM	46.0	56.8	41.9
03:45 AM - 03:50 AM	47.6	57.5	41.8
03:50 AM - 03:55 AM	47.1	55.9	41.3
03:55 AM - 04:00 AM	46.4	56.0	42.1
04:00 AM - 04:05 AM	46.6	56.2	41.4
04:05 AM - 04:10 AM	46.0	57.5	41.0
04:10 AM - 04:15 AM	44.0	54.7	41.3
04:15 AM - 04:20 AM	49.2	57.3	41.2
04:20 AM - 04:25 AM	50.2	57.8	43.7
04:25 AM - 04:30 AM	51.0	56.7	43.3
04:30 AM - 04:35 AM	51.8	56.5	48.2
04:35 AM - 04:40 AM	51.4	57.7	44.8
04:40 AM - 04:45 AM	49.0	60.6	42.8
04:45 AM - 04:50 AM	48.1	55.9	41.8
04:50 AM - 04:55 AM	46.3	61.5	41.7
04:55 AM - 05:00 AM	46.2	55.3	42.6
05:00 AM - 05:05 AM	44.8	55.1	42.4
05:05 AM - 05:10 AM	48.3	56.2	42.5
05:10 AM - 05:15 AM	47.4	64.8	42.5
05:15 AM - 05:20 AM	46.7	56.6	42.3
05:20 AM - 05:25 AM	47.5	56.9	42.0
05:25 AM - 05:30 AM	46.0	55.4	42.0
05:30 AM - 05:35 AM	45.9	56.2	41.5
05:35 AM - 05:40 AM	42.9	53.0	40.6
05:40 AM - 05:45 AM	49.6	59.8	41.1
05:45 AM - 05:50 AM	51.6	57.2	41.8
05:50 AM - 05:55 AM	51.9	58.4	46.7
05:55 AM - 06:00 AM	50.4	60.2	49.2
06:00 AM - 07:00 AM	47.6	60.9	42.1
07:00 AM - 08:00 AM	50.4	69.8	44.4
08:00 AM - 09:00 AM	51.7	76.1	47.4
09:00 AM - 10:00 AM	49.9	73.3	45.3

Reference Method : Based on ISO 1996-1 and ISO 1996-2

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TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermik Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O :
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22133750
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report No. : 2518911-1

Page 2 of 3

Sample No. 22133750-17
Parameter Noise
Location จันทนา N3 (จันทนา) (GPS 47P 0726357, 1407350) (Shut down)
Measurement Date Nov 28 - 29, 2022
Measurement by Santi Chaichana
Sound Level Meter 00472132

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:20 AM - 12:25 AM	50.6	60.9	46.2
12:25 AM - 12:30 AM	49.9	60.1	45.6
12:30 AM - 12:35 AM	50.2	57.3	45.3
12:35 AM - 12:40 AM	49.3	57.4	45.5
12:40 AM - 12:45 AM	48.4	55.2	44.9
12:45 AM - 12:50 AM	48.5	61.0	44.6
12:50 AM - 12:55 AM	49.7	56.2	46.0
12:55 AM - 01:00 AM	49.2	56.0	44.6
01:00 AM - 01:05 AM	49.0	56.5	44.9
01:05 AM - 01:10 AM	50.8	53.6	47.9
01:10 AM - 01:15 AM	50.0	56.7	44.9
01:15 AM - 01:20 AM	49.6	60.4	44.1
01:20 AM - 01:25 AM	50.3	56.6	45.4
01:25 AM - 01:30 AM	50.6	56.5	45.8
01:30 AM - 01:35 AM	54.1	67.8	43.7
01:35 AM - 01:40 AM	48.1	61.6	42.6
01:40 AM - 01:45 AM	51.5	69.9	43.4
01:45 AM - 01:50 AM	49.8	56.9	43.1
01:50 AM - 01:55 AM	50.0	57.3	43.4
01:55 AM - 02:00 AM	56.7	76.2	47.3
02:00 AM - 02:05 AM	50.3	57.9	43.8
02:05 AM - 02:10 AM	51.1	56.8	43.4
02:10 AM - 02:15 AM	51.9	56.6	46.3
02:15 AM - 02:20 AM	51.5	57.8	44.9
02:20 AM - 02:25 AM	49.1	60.7	42.9
02:25 AM - 02:30 AM	49.2	56.0	41.9
02:30 AM - 02:35 AM	46.4	61.6	41.8
02:35 AM - 02:40 AM	46.3	55.4	42.7
02:40 AM - 02:45 AM	44.9	55.2	42.5
02:45 AM - 02:50 AM	48.4	56.3	42.6
02:50 AM - 02:55 AM	47.5	64.9	42.6
02:55 AM - 03:00 AM	46.8	56.7	42.4
03:00 AM - 03:05 AM	47.6	57.0	42.1
03:05 AM - 03:10 AM	46.1	55.5	42.1
03:10 AM - 03:15 AM	46.0	56.3	41.6
03:15 AM - 03:20 AM	43.0	53.1	40.7
03:20 AM - 03:25 AM	49.7	59.9	41.2
03:25 AM - 03:30 AM	51.7	57.3	41.9
03:30 AM - 03:35 AM	52.0	58.5	46.8
03:35 AM - 03:40 AM	60.5	80.3	43.0

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Analysis / Test Report



TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermik Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O :
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22133750
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report No. : 2518912-1

Page 1 of 3

Sample No. 22133750-18
Parameter Noise
Location จันทนา N3 (จันทนา) (GPS 47P 0726357, 1407350) (Shut down)
Measurement Date Nov 29 - 30, 2022
Measurement by Santi Chaichana
Sound Level Meter 00472132

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	53.2	66.8	44.7
11:00 AM - 12:00 PM	45.5	60.7	40.5
12:00 PM - 01:00 PM	46.4	65.7	41.6
01:00 PM - 02:00 PM	45.7	61.5	41.2
02:00 PM - 03:00 PM	46.4	66.3	43.0
03:00 PM - 04:00 PM	53.3	66.8	45.3
04:00 PM - 05:00 PM	51.7	68.2	46.2
05:00 PM - 06:00 PM	60.0	73.1	52.6
06:00 PM - 07:00 PM	52.7	68.6	49.4
07:00 PM - 08:00 PM	52.7	68.6	48.9
08:00 PM - 09:00 PM	52.4	72.0	47.7
09:00 PM - 10:00 PM	49.5	65.0	46.5
10:00 PM - 10:05 PM	48.5	61.3	46.7
10:05 PM - 10:10 PM	49.0	57.0	46.6
10:10 PM - 10:15 PM	50.2	60.5	47.0
10:15 PM - 10:20 PM	49.7	56.8	47.5
10:20 PM - 10:25 PM	49.9	59.7	46.4
10:25 PM - 10:30 PM	49.6	62.1	46.4
10:30 PM - 10:35 PM	47.1	52.1	45.1
10:35 PM - 10:40 PM	49.0	56.2	47.2
10:40 PM - 10:45 PM	48.2	53.9	45.4
10:45 PM - 10:50 PM	49.2	61.3	46.1
10:50 PM - 10:55 PM	48.2	58.1	45.6
10:55 PM - 11:00 PM	48.3	59.0	45.1
11:00 PM - 11:05 PM	49.1	57.9	45.9
11:05 PM - 11:10 PM	47.0	53.8	43.9
11:10 PM - 11:15 PM	46.7	54.7	43.7
11:15 PM - 11:20 PM	49.7	62.8	47.6
11:20 PM - 11:25 PM	48.2	57.0	44.6
11:25 PM - 11:30 PM	47.4	56.1	44.8
11:30 PM - 11:35 PM	47.7	54.0	44.1
11:35 PM - 11:40 PM	48.0	57.5	45.8
11:40 PM - 11:45 PM	46.8	57.8	45.0
11:45 PM - 11:50 PM	49.8	60.1	44.9
11:50 PM - 11:55 PM	49.5	59.2	46.4
11:55 PM - 12:00 AM	49.6	56.2	47.0
12:00 AM - 12:05 AM	47.3	56.9	44.4
12:05 AM - 12:10 AM	45.9	53.5	42.9
12:10 AM - 12:15 AM	44.4	55.9	41.6
12:15 AM - 12:20 AM	47.4	57.2	42.8

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TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (S10m 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O : อนุรักษ์
Project Name : Project AIE Rayong
Project Location : 00472132

Lot ID: 22133750
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report No. : 2518912-1

Page 2 of 3

Sample No. : 22133750-18
Parameter : Noise
Location : จุดวัดเสียง N3 (โรงงาน) (GPS 47P 0726357, 1407350) (Shut down)
Measurement Date : Nov 29 - 30, 2022
Measurement by : Santi Chaichana
Sound Level Meter : 00472132

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:20 AM - 12:25 AM	46.5	55.8	42.0
12:25 AM - 12:30 AM	44.6	52.4	42.2
12:30 AM - 12:35 AM	45.7	53.8	42.3
12:35 AM - 12:40 AM	46.6	56.3	41.9
12:40 AM - 12:45 AM	44.0	54.5	40.9
12:45 AM - 12:50 AM	46.3	56.5	42.3
12:50 AM - 12:55 AM	44.1	51.2	41.1
12:55 AM - 01:00 AM	45.0	55.7	41.1
01:00 AM - 01:05 AM	44.4	51.9	41.4
01:05 AM - 01:10 AM	44.7	51.6	40.9
01:10 AM - 01:15 AM	43.7	51.6	40.3
01:15 AM - 01:20 AM	45.4	55.6	41.5
01:20 AM - 01:25 AM	45.4	56.2	41.1
01:25 AM - 01:30 AM	42.7	52.5	40.3
01:30 AM - 01:35 AM	42.6	53.4	40.1
01:35 AM - 01:40 AM	46.0	56.5	40.5
01:40 AM - 01:45 AM	45.2	58.4	40.8
01:45 AM - 01:50 AM	44.1	52.4	40.3
01:50 AM - 01:55 AM	46.8	66.6	39.7
01:55 AM - 02:00 AM	44.2	58.0	39.3
02:00 AM - 02:05 AM	46.0	58.8	39.9
02:05 AM - 02:10 AM	45.2	54.3	40.5
02:10 AM - 02:15 AM	44.6	54.8	40.6
02:15 AM - 02:20 AM	44.8	58.0	40.5
02:20 AM - 02:25 AM	44.8	57.0	39.7
02:25 AM - 02:30 AM	45.2	57.5	39.1
02:30 AM - 02:35 AM	55.3	76.0	39.1
02:35 AM - 02:40 AM	44.9	55.9	39.9
02:40 AM - 02:45 AM	45.6	60.1	40.3
02:45 AM - 02:50 AM	44.3	53.8	39.5
02:50 AM - 02:55 AM	43.1	55.2	39.2
02:55 AM - 03:00 AM	42.5	53.1	39.3
03:00 AM - 03:05 AM	45.0	55.4	39.4
03:05 AM - 03:10 AM	43.6	63.0	39.7
03:10 AM - 03:15 AM	43.7	54.9	39.3
03:15 AM - 03:20 AM	43.3	52.6	40.2
03:20 AM - 03:25 AM	43.5	54.4	39.9
03:25 AM - 03:30 AM	42.3	50.8	40.1
03:30 AM - 03:35 AM	42.8	52.8	39.2
03:35 AM - 03:40 AM	42.4	50.1	39.3

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Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (S10m 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O : อนุรักษ์
Project Name : Project AIE Rayong
Project Location : 00472132

Lot ID: 22133750
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report No. : 2518912-1

Page 3 of 3

Sample No. : 22133750-18
Parameter : Noise
Location : จุดวัดเสียง N3 (โรงงาน) (GPS 47P 0726357, 1407350) (Shut down)
Measurement Date : Nov 29 - 30, 2022
Measurement by : Santi Chaichana
Sound Level Meter : 00472132

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:40 AM - 03:45 AM	42.5	53.3	40.0
03:45 AM - 03:50 AM	43.7	54.2	40.3
03:50 AM - 03:55 AM	43.4	53.1	39.5
03:55 AM - 04:00 AM	42.3	52.5	39.1
04:00 AM - 04:05 AM	41.4	51.4	38.7
04:05 AM - 04:10 AM	43.7	55.9	39.3
04:10 AM - 04:15 AM	54.3	77.3	38.9
04:15 AM - 04:20 AM	41.7	51.5	39.3
04:20 AM - 04:25 AM	42.5	49.5	39.2
04:25 AM - 04:30 AM	42.2	50.3	39.6
04:30 AM - 04:35 AM	42.5	51.1	39.8
04:35 AM - 04:40 AM	47.2	60.2	40.9
04:40 AM - 04:45 AM	48.3	62.4	41.6
04:45 AM - 04:50 AM	44.8	51.9	40.9
04:50 AM - 04:55 AM	44.7	52.6	41.4
04:55 AM - 05:00 AM	44.9	55.7	41.8
05:00 AM - 05:05 AM	45.7	54.9	41.8
05:05 AM - 05:10 AM	45.6	54.6	42.5
05:10 AM - 05:15 AM	44.8	52.8	41.6
05:15 AM - 05:20 AM	46.5	56.0	42.2
05:20 AM - 05:25 AM	45.4	52.9	42.2
05:25 AM - 05:30 AM	47.6	60.0	43.3
05:30 AM - 05:35 AM	47.0	55.6	43.3
05:35 AM - 05:40 AM	47.2	65.9	43.3
05:40 AM - 05:45 AM	50.0	65.7	44.2
05:45 AM - 05:50 AM	49.4	65.6	43.7
05:50 AM - 05:55 AM	48.3	55.3	44.9
05:55 AM - 06:00 AM	56.6	76.3	45.9
06:00 AM - 07:00 AM	51.3	75.2	49.1
07:00 AM - 08:00 AM	53.5	71.4	49.7
08:00 AM - 09:00 AM	51.4	68.1	46.2
09:00 AM - 10:00 AM	48.6	65.4	44.8

Reference Method : Based on ISO 1996-1 and ISO 1996-2

Approved by

WibB.

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Assistant Manager

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TESTING
No.0042

Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (S10m 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O : อนุรักษ์
Project Name : Project AIE Rayong
Project Location : 00472132

Lot ID: 22133750
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report No. : 2518913-1

Page 1 of 3

Sample No. : 22133750-19
Parameter : Noise
Location : จุดวัดเสียง N3 (โรงงาน) (GPS 47P 0726357, 1407350) (Shut down)
Measurement Date : Nov 30 - 01, 2022
Measurement by : Santi Chaichana
Sound Level Meter : 00472132

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	49.0	62.5	44.3
11:00 AM - 12:00 PM	48.9	75.8	44.1
12:00 PM - 01:00 PM	46.1	67.1	40.6
01:00 PM - 02:00 PM	48.8	69.2	41.6
02:00 PM - 03:00 PM	48.4	76.1	41.0
03:00 PM - 04:00 PM	51.2	75.7	45.1
04:00 PM - 05:00 PM	52.8	76.9	46.3
05:00 PM - 06:00 PM	56.2	75.3	50.8
06:00 PM - 07:00 PM	53.4	78.4	49.4
07:00 PM - 08:00 PM	53.1	71.6	49.5
08:00 PM - 09:00 PM	52.5	67.4	48.4
09:00 PM - 10:00 PM	51.2	69.9	47.6
10:00 PM - 11:00 PM	49.9	63.5	45.9
11:00 PM - 12:00 AM	49.4	56.7	46.8
12:00 AM - 01:00 AM	49.9	60.0	46.2
01:00 AM - 02:00 AM	51.4	67.4	46.0
02:00 AM - 03:00 AM	50.2	57.8	46.3
03:00 AM - 04:00 AM	51.1	67.1	47.4
04:00 AM - 05:00 AM	48.5	58.8	45.7
05:00 AM - 06:00 AM	47.6	57.5	44.3
06:00 AM - 07:00 AM	49.2	55.3	46.0
07:00 AM - 08:00 AM	49.5	54.9	46.4
08:00 AM - 09:00 AM	49.1	55.1	45.2
09:00 AM - 10:00 AM	48.8	55.8	44.5
10:00 AM - 11:00 PM	48.9	57.8	44.4
11:00 PM - 11:05 PM	51.1	63.5	46.4
11:05 PM - 11:10 PM	51.5	65.6	44.5
11:10 PM - 11:15 PM	48.5	56.8	45.3
11:15 PM - 11:20 PM	47.5	54.0	44.4
11:20 PM - 11:25 PM	48.0	53.3	43.1
11:25 PM - 11:30 PM	52.6	67.4	46.0
11:30 PM - 11:35 PM	49.3	59.8	44.1
11:35 PM - 11:40 PM	48.5	56.4	45.4
11:40 PM - 11:45 PM	48.1	52.8	45.5
11:45 PM - 11:50 PM	49.7	63.9	44.4
11:50 PM - 12:00 AM	48.6	54.3	46.3
12:00 AM - 12:05 AM	49.8	62.3	46.2
12:05 AM - 12:10 AM	45.3	58.1	42.1
12:10 AM - 12:15 AM	45.5	60.1	41.0
12:15 AM - 12:20 AM	45.6	57.8	40.5

The above results are valid only for the analyzed/selected sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

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Analysis / Test Report

TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (S10m 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O : อนุรักษ์
Project Name : Project AIE Rayong
Project Location : 00472132

Lot ID: 22133750
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report No. : 2518913-1

Page 2 of 3

Sample No. : 22133750-19
Parameter : Noise
Location : จุดวัดเสียง N3 (โรงงาน) (GPS 47P 0726357, 1407350) (Shut down)
Measurement Date : Nov 30 - 01, 2022
Measurement by : Santi Chaichana
Sound Level Meter : 00472132

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:20 AM - 12:25 AM	44.6	52.8	41.7
12:25 AM - 12:30 AM	44.6	55.1	40.5
12:30 AM - 12:35 AM	44.7	54.1	40.5
12:35 AM - 12:40 AM	46.1	57.6	40.4
12:40 AM - 12:45 AM	48.4	62.1	41.4
12:45 AM - 12:50 AM	46.7	60.7	40.9
12:50 AM - 12:55 AM	43.1	52.3	39.4
12:55 AM - 01:00 AM	44.4	53.6	39.7
01:00 AM - 01:05 AM	43.7	50.9	40.8
01:05 AM - 01:10 AM	43.3	51.2	40.3
01:10 AM - 01:15 AM	44.3	53.6	41.1
01:15 AM - 01:20 AM	45.9	54.9	41.2
01:20 AM - 01:25 AM	47.8	61.5	42.1
01:25 AM - 01:30 AM	43.0	52.3	40.5
01:30 AM - 01:35 AM	42.7	50.3	39.2
01:35 AM - 01:40 AM	43.5	52.7	40.4
01:40 AM - 01:45 AM	43.8	54.8	39.0
01:45 AM - 01:50 AM	46.0	60.2	40.2
01:50 AM - 01:55 AM	44.1	58.0	38.3
01:55 AM - 02:00 AM	47.1	61.9	38.3
02:00 AM - 02:05 AM	51.9	71.9	39.0
02:05 AM - 02:10 AM	54.6	76.0	38.2
02:10 AM - 02:15 AM	47.2	65.0	38.0
02:15 AM - 02:20 AM	46.7	66.6	39.1
02:20 AM - 02:25 AM	46.7	56.4	39.0
02:25 AM - 02:30 AM	54.1	76.4	39.2
02:30 AM - 02:35 AM	43.6	52.3	39.2
02:35 AM - 02:40 AM	43.3	55.1	38.4
02:40 AM - 02:45 AM	42.0	50.2	38.3
02:45 AM - 02:50 AM	42.7	52.1	38.8
02:50 AM - 02:55 AM	40.2	45.2	38.6
02:55 AM - 03:00 AM	48.0	64.7	38.7
03:00 AM - 03:05 AM	40.1	48.5	37.7
03:05 AM - 03:10 AM	39.8	46.6	38.3
03:10 AM - 03:15 AM	42.8	52.9	39.1
03:15 AM - 03:20 AM	44.5	54.6	39.3
03:20 AM - 03:25 AM	40.2	57.0	38.4
03:25 AM - 03:30 AM	40.7	49.2	38.0
03:30 AM - 03:35 AM	42.2	52.4	38.7
03:35 AM - 03:40 AM	42.7	54.1	38.8

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Analysis / Test Report



TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : สัญญา
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22133750
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report No. : 2518913-1

Page 3 of 3

Sample No. : 22133750-19
Parameter : Noise
Location : ซอยพิปัด N3 (Sermkij) (GPS 47P 0726357, 1407350) (Shut down)
Measurement Date : Nov 30 - 01, 2022
Measurement by : Santi Chaichana
Sound Level Meter : 00472132

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:40 AM - 03:45 AM	44.2	52.1	39.8
03:45 AM - 03:50 AM	44.5	55.3	39.8
03:50 AM - 03:55 AM	44.9	59.1	39.5
03:55 AM - 04:00 AM	43.5	53.5	35.9
04:00 AM - 04:05 AM	44.5	56.8	40.0
04:05 AM - 04:10 AM	43.9	53.3	40.2
04:10 AM - 04:15 AM	41.8	46.9	40.5
04:15 AM - 04:20 AM	41.8	46.0	40.0
04:20 AM - 04:25 AM	42.7	49.7	39.4
04:25 AM - 04:30 AM	42.4	50.5	38.8
04:30 AM - 04:35 AM	42.7	51.3	40.0
04:35 AM - 04:40 AM	47.4	60.4	41.1
04:40 AM - 04:45 AM	48.5	67.6	41.8
04:45 AM - 04:50 AM	45.0	52.1	41.1
04:50 AM - 04:55 AM	44.9	52.8	41.6
04:55 AM - 05:00 AM	45.1	55.9	42.0
05:00 AM - 05:05 AM	45.9	55.1	42.0
05:05 AM - 05:10 AM	45.8	54.8	42.7
05:10 AM - 05:15 AM	45.0	53.0	41.8
05:15 AM - 05:20 AM	46.7	56.2	42.4
05:20 AM - 05:25 AM	45.6	53.1	42.4
05:25 AM - 05:30 AM	47.8	60.2	43.5
05:30 AM - 05:35 AM	47.2	55.8	43.5
05:35 AM - 05:40 AM	47.4	56.1	43.5
05:40 AM - 05:45 AM	50.2	65.9	44.4
05:45 AM - 05:50 AM	49.6	65.8	43.9
05:50 AM - 05:55 AM	46.3	55.5	45.1
05:55 AM - 06:00 AM	56.8	76.5	46.1
06:00 AM - 07:00 AM	53.5	75.4	49.3
07:00 AM - 08:00 AM	53.7	71.6	49.9
08:00 AM - 09:00 AM	51.6	68.3	46.4
09:00 AM - 10:00 AM	51.6	65.6	44.2

Reference Method : Based on ISO 1996-1 and ISO 1996-2

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Analysis / Test Report



TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : สัญญา
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22133750
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report No. : 2518914-1

Page 2 of 3

Sample No. : 22133750-20
Parameter : Noise
Location : ซอยพิปัด N3 (Sermkij) (GPS 47P 0726357, 1407350) (Shut down)
Measurement Date : Dec 01 - 02, 2022
Measurement by : Santi Chaichana
Sound Level Meter : 00472132

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:20 AM - 12:25 AM	44.6	53.0	41.9
12:25 AM - 12:30 AM	44.8	55.3	40.7
12:30 AM - 12:35 AM	44.9	54.3	40.7
12:35 AM - 12:40 AM	46.3	57.8	39.3
12:40 AM - 12:45 AM	48.6	62.1	41.6
12:45 AM - 12:50 AM	46.9	60.9	41.1
12:50 AM - 12:55 AM	43.3	52.5	39.6
12:55 AM - 01:00 AM	44.6	53.8	41.1
01:00 AM - 01:05 AM	43.9	51.1	41.0
01:05 AM - 01:10 AM	43.5	51.4	40.5
01:10 AM - 01:15 AM	44.5	53.8	41.3
01:15 AM - 01:20 AM	46.1	55.1	41.4
01:20 AM - 01:25 AM	48.0	61.7	42.3
01:25 AM - 01:30 AM	43.2	52.5	40.7
01:30 AM - 01:35 AM	42.9	50.5	39.4
01:35 AM - 01:40 AM	43.7	52.9	39.2
01:40 AM - 01:45 AM	43.2	53.0	39.2
01:45 AM - 01:50 AM	46.2	60.4	40.4
01:50 AM - 01:55 AM	44.3	58.2	38.5
01:55 AM - 02:00 AM	47.3	64.1	39.2
02:00 AM - 02:05 AM	52.1	72.1	39.2
02:05 AM - 02:10 AM	54.8	76.2	38.4
02:10 AM - 02:15 AM	47.4	65.2	38.2
02:15 AM - 02:20 AM	46.9	66.2	39.2
02:20 AM - 02:25 AM	43.9	56.6	39.2
02:25 AM - 02:30 AM	54.3	76.6	39.3
02:30 AM - 02:35 AM	43.8	52.5	39.4
02:35 AM - 02:40 AM	41.5	55.3	38.6
02:40 AM - 02:45 AM	42.2	50.4	38.5
02:45 AM - 02:50 AM	42.9	52.3	39.0
02:50 AM - 02:55 AM	40.4	45.4	38.8
02:55 AM - 03:00 AM	48.2	64.9	38.9
03:00 AM - 03:05 AM	40.3	46.7	37.9
03:05 AM - 03:10 AM	40.0	46.8	38.5
03:10 AM - 03:15 AM	43.0	53.1	39.3
03:15 AM - 03:20 AM	44.7	54.8	39.5
03:20 AM - 03:25 AM	40.7	52.2	38.6
03:25 AM - 03:30 AM	40.9	49.4	38.2
03:30 AM - 03:35 AM	42.4	52.6	38.9
03:35 AM - 03:40 AM	42.9	54.3	39.0

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Analysis / Test Report



TESTING
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Client : Asia Industrial Estate Co., Ltd.
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P/O : สัญญา
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22133750
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report No. : 2518914-1

Page 1 of 3

Sample No. : 22133750-20
Parameter : Noise
Location : ซอยพิปัด N3 (Sermkij) (GPS 47P 0726357, 1407350) (Shut down)
Measurement Date : Dec 01 - 02, 2022
Measurement by : Santi Chaichana
Sound Level Meter : 00472132

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	49.2	62.7	44.5
11:00 AM - 12:00 PM	49.1	75.0	44.3
12:00 PM - 01:00 PM	46.3	67.3	40.8
01:00 PM - 02:00 PM	56.4	69.4	41.8
02:00 PM - 03:00 PM	48.6	76.3	43.2
03:00 PM - 04:00 PM	51.4	75.9	45.3
04:00 PM - 05:00 PM	53.0	77.1	46.5
05:00 PM - 06:00 PM	56.4	75.5	51.0
06:00 PM - 07:00 PM	53.6	78.6	49.6
07:00 PM - 08:00 PM	53.3	71.8	49.7
08:00 PM - 09:00 PM	52.7	67.6	48.6
09:00 PM - 10:00 PM	51.4	70.1	47.8
10:00 PM - 10:05 PM	50.1	63.7	46.1
10:05 PM - 10:10 PM	49.6	56.9	47.0
10:10 PM - 10:15 PM	50.1	60.2	46.4
10:15 PM - 10:20 PM	51.8	67.6	46.2
10:20 PM - 10:25 PM	50.4	58.0	46.5
10:25 PM - 10:30 PM	51.3	67.3	47.6
10:30 PM - 10:35 PM	48.7	59.0	45.9
10:35 PM - 10:40 PM	47.8	57.7	44.5
10:40 PM - 10:45 PM	49.4	55.5	46.2
10:45 PM - 10:50 PM	49.7	55.1	46.6
10:50 PM - 10:55 PM	49.3	55.3	45.4
10:55 PM - 11:00 PM	49.0	56.0	44.7
11:00 PM - 11:05 PM	49.1	56.2	46.6
11:05 PM - 11:10 PM	51.3	63.7	46.6
11:10 PM - 11:15 PM	51.7	65.8	44.7
11:15 PM - 11:20 PM	48.7	57.0	45.5
11:20 PM - 11:25 PM	47.7	54.2	44.6
11:25 PM - 11:30 PM	48.2	53.5	43.3
11:30 PM - 11:35 PM	52.8	67.6	46.2
11:35 PM - 11:40 PM	49.5	60.0	44.3
11:40 PM - 11:45 PM	48.7	56.6	45.6
11:45 PM - 11:50 PM	48.3	53.0	45.7
11:50 PM - 11:55 PM	49.9	64.1	44.6
11:55 PM - 12:00 AM	48.8	54.5	46.5
12:00 AM - 12:05 AM	50.6	64.4	43.5
12:05 AM - 12:10 AM	45.5	58.3	42.3
12:10 AM - 12:15 AM	45.7	60.3	41.2
12:15 AM - 12:20 AM	45.8	58.0	40.7

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Approved by

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Wibaw Borirak
Assistant Manager

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Analysis / Test Report



TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : สัญญา
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22133750
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report No. : 2518914-1

Page 3 of 3

Sample No. : 22133750-20
Parameter : Noise
Location : ซอยพิปัด N3 (Sermkij) (GPS 47P 0726357, 1407350) (Shut down)
Measurement Date : Dec 01 - 02, 2022
Measurement by : Santi Chaichana
Sound Level Meter : 00472132

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:40 AM - 03:45 AM	44.4	52.3	40.0
03:45 AM - 03:50 AM	44.7	55.5	40.0
03:50 AM - 03:55 AM	45.1	59.3	39.7
03:55 AM - 04:00 AM	43.7	53.7	40.1
04:00 AM - 04:05 AM	44.7	57.0	40.2
04:05 AM - 04:10 AM	41.1	53.5	40.4
04:10 AM - 04:15 AM	42.0	47.1	40.7
04:15 AM - 04:20 AM	42.0	46.2	40.2
04:20 AM - 04:25 AM	48.8	56.7	41.8
04:25 AM - 04:30 AM	49.3	57.2	41.5
04:30 AM - 04:35 AM	48.2	57.0	41.3
04:35 AM - 04:40 AM	47.8	56.9	41.9
04:40 AM - 04:45 AM	48.0	57.0	40.9
04:45 AM - 04:50 AM	43.5	53.9	40.8
04:50 AM - 04:55 AM	50.0	56.5	42.5
04:55 AM - 05:00 AM	47.7	55.4	41.3
05:00 AM - 05:05 AM	50.9	58.2	44.8
05:05 AM - 05:10 AM	47.6	59.8	43.0
05:10 AM - 05:15 AM	48.3	62.9	43.0
05:15 AM - 05:20 AM	44.5	48.7	42.6
05:20 AM - 05:25 AM	45.0	51.2	42.4
05:25 AM - 05:30 AM	43.9	45.0	42.3
05:30 AM - 05:35 AM	46.7	55.2	43.3
05:35 AM - 05:40 AM	45.8	54.3	42.2
05:40 AM - 05:45 AM	46.2	53.3	43.0
05:45 AM - 05:50 AM	46.8	54.1	44.1
05:50 AM - 05:55 AM	57.7	75.9	45.1
05:55 AM - 06:00 AM	54.9	77.2	44.1
06:00 AM - 07:00 AM	54.8	77.0	46.4
07:00 AM - 08:00 AM	50.7	63.9	43.9
08:00 AM - 09:00 AM	51.2	67.9	46.8
09:00 AM - 10:00 AM	53.1	72.2	49.5

Reference Method : Based on ISO 1996-1 and ISO 1996-2

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Analysis / Test Report



TESTING
No. 0042

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silm 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

Lot ID: 22133750
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report No. : 2518915-1

P/O : สัญญาจ้าง
Project Name : Project AIE Raying
Project Location :

Page 1 of 3

Sample No. : 22133750-21
Parameter : Noise
Location : จุดวัดเสียง N3 (ข้างประตูเข้า) (GPS 47P 0726357, 1407350) (Shut down)
Measurement Date : Dec 02 - 03, 2022
Measurement by : Santi Chachana
Sound Level Meter : 00472132

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	55.0	71.3	53.3
11:00 AM - 12:00 PM	45.7	60.9	40.7
12:00 PM - 01:00 PM	46.6	65.9	41.8
01:00 PM - 02:00 PM	45.9	61.7	41.4
02:00 PM - 03:00 PM	53.2	66.5	43.2
03:00 PM - 04:00 PM	53.5	67.0	45.4
04:00 PM - 05:00 PM	51.9	68.4	46.4
05:00 PM - 06:00 PM	60.2	73.3	56.8
06:00 PM - 07:00 PM	54.0	73.3	49.6
07:00 PM - 08:00 PM	52.9	68.8	49.1
08:00 PM - 09:00 PM	52.6	72.2	47.9
09:00 PM - 10:00 PM	49.7	65.2	46.7
10:00 PM - 10:55 PM	49.1	61.5	46.9
10:55 PM - 11:00 PM	49.2	58.1	46.8
11:00 PM - 11:05 PM	50.4	60.7	47.2
11:05 PM - 11:10 PM	49.9	57.0	47.1
11:10 PM - 11:15 PM	50.1	59.9	47.7
11:15 PM - 11:20 PM	49.8	62.5	46.6
11:20 PM - 11:25 PM	47.3	52.3	45.3
11:25 PM - 11:30 PM	49.2	56.4	47.4
11:30 PM - 11:35 PM	48.4	57.1	45.6
11:35 PM - 11:40 PM	49.4	63.5	46.3
11:40 PM - 11:45 PM	48.4	58.3	45.8
11:45 PM - 11:50 PM	48.5	59.2	45.6
11:50 PM - 11:55 PM	49.3	59.1	46.1
11:55 PM - 12:00 PM	47.2	56.0	44.1
12:00 PM - 12:05 PM	46.9	54.9	43.9
12:05 PM - 12:10 PM	49.9	63.0	44.8
12:10 PM - 12:15 PM	48.4	57.2	44.8
12:15 PM - 12:20 PM	47.6	56.3	45.3
12:20 PM - 12:25 PM	47.9	54.2	44.0
12:25 PM - 12:30 PM	49.2	57.7	46.0
12:30 PM - 12:35 PM	49.0	58.0	45.2
12:35 PM - 12:40 PM	50.0	60.3	45.1
12:40 PM - 12:45 PM	49.7	59.4	46.6
12:45 PM - 12:50 PM	49.8	56.4	47.2
12:50 PM - 12:55 PM	47.5	57.1	44.6
12:55 PM - 13:00 PM	46.1	53.7	43.1
13:00 PM - 13:05 PM	44.6	56.1	41.8
13:05 PM - 13:10 PM	47.6	57.4	43.0



Analysis / Test Report



TESTING
No. 0042

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silm 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

Lot ID: 22133750
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report No. : 2518915-1

P/O : สัญญาจ้าง
Project Name : Project AIE Raying
Project Location :

Page 2 of 3

Sample No. : 22133750-21
Parameter : Noise
Location : จุดวัดเสียง N3 (ข้างประตูเข้า) (GPS 47P 0726357, 1407350) (Shut down)
Measurement Date : Dec 02 - 03, 2022
Measurement by : Santi Chachana
Sound Level Meter : 00472132

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:20 AM - 12:25 AM	46.8	56.0	42.2
12:25 AM - 12:30 AM	44.8	52.6	42.4
12:30 AM - 12:35 AM	45.9	54.0	42.5
12:35 AM - 12:40 AM	46.8	56.5	42.1
12:40 AM - 12:45 AM	49.2	54.7	41.1
12:45 AM - 12:50 AM	46.5	56.7	42.5
12:50 AM - 12:55 AM	44.3	51.4	41.3
12:55 AM - 01:00 AM	45.2	55.9	41.3
01:00 AM - 01:05 AM	44.6	52.1	41.6
01:05 AM - 01:10 AM	44.9	51.8	41.1
01:10 AM - 01:15 AM	43.9	51.8	40.5
01:15 AM - 01:20 AM	45.6	55.8	41.7
01:20 AM - 01:25 AM	45.6	56.4	41.3
01:25 AM - 01:30 AM	42.9	52.7	40.5
01:30 AM - 01:35 AM	42.8	53.6	40.3
01:35 AM - 01:40 AM	46.2	56.7	40.7
01:40 AM - 01:45 AM	45.4	58.6	41.0
01:45 AM - 01:50 AM	44.3	52.6	40.5
01:50 AM - 01:55 AM	49.0	60.8	39.9
01:55 AM - 02:00 AM	44.4	58.2	39.5
02:00 AM - 02:05 AM	46.2	59.0	40.1
02:05 AM - 02:10 AM	45.4	54.5	41.1
02:10 AM - 02:15 AM	44.8	55.0	40.8
02:15 AM - 02:20 AM	45.0	56.2	40.7
02:20 AM - 02:25 AM	45.0	57.2	39.9
02:25 AM - 02:30 AM	45.4	57.7	39.3
02:30 AM - 02:35 AM	55.5	78.2	39.3
02:35 AM - 02:40 AM	45.1	56.1	40.1
02:40 AM - 02:45 AM	45.8	60.3	40.5
02:45 AM - 02:50 AM	44.5	54.0	39.7
02:50 AM - 02:55 AM	43.3	55.4	39.4
02:55 AM - 03:00 AM	42.7	53.3	39.5
03:00 AM - 03:05 AM	45.2	55.6	39.6
03:05 AM - 03:10 AM	43.8	63.2	39.4
03:10 AM - 03:15 AM	43.9	55.1	39.5
03:15 AM - 03:20 AM	43.5	52.8	40.4
03:20 AM - 03:25 AM	43.7	54.6	40.1
03:25 AM - 03:30 AM	42.7	51.0	40.3
03:30 AM - 03:35 AM	42.0	53.0	39.4
03:35 AM - 03:40 AM	42.6	50.3	35.5

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Analysis / Test Report



TESTING
No. 0042

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silm 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

Lot ID: 22133750
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report No. : 2518915-1

P/O : สัญญาจ้าง
Project Name : Project AIE Raying
Project Location :

Page 3 of 3

Sample No. : 22133750-21
Parameter : Noise
Location : จุดวัดเสียง N4 (ข้างประตูเข้า) (GPS 47P 0727141, 1406790) (Shut down)
Measurement Date : Nov 26 - 27, 2022
Measurement by : Santi Chachana
Sound Level Meter : 00472130

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:40 AM - 03:45 AM	42.7	55.5	40.2
03:45 AM - 03:50 AM	43.9	54.4	40.5
03:50 AM - 03:55 AM	43.6	53.3	39.7
03:55 AM - 04:00 AM	42.5	57.7	39.3
04:00 AM - 04:05 AM	41.6	51.6	38.9
04:05 AM - 04:10 AM	48.1	56.1	39.5
04:10 AM - 04:15 AM	54.5	77.5	39.1
04:15 AM - 04:20 AM	41.9	51.7	39.5
04:20 AM - 04:25 AM	48.8	56.7	41.8
04:25 AM - 04:30 AM	49.1	57.2	41.5
04:30 AM - 04:35 AM	48.2	57.0	41.3
04:35 AM - 04:40 AM	47.8	56.9	41.9
04:40 AM - 04:45 AM	48.0	57.0	40.9
04:45 AM - 04:50 AM	48.5	53.9	40.8
04:50 AM - 04:55 AM	50.0	56.5	42.5
04:55 AM - 05:00 AM	47.7	55.4	41.3
05:00 AM - 05:05 AM	50.9	58.2	44.8
05:05 AM - 05:10 AM	47.6	59.8	41.0
05:10 AM - 05:15 AM	48.3	62.9	43.0
05:15 AM - 05:20 AM	44.5	48.7	42.6
05:20 AM - 05:25 AM	45.0	51.2	42.4
05:25 AM - 05:30 AM	48.0	58.9	42.3
05:30 AM - 05:35 AM	46.7	55.2	43.3
05:35 AM - 05:40 AM	45.8	54.3	42.2
05:40 AM - 05:45 AM	46.2	53.3	43.0
05:45 AM - 05:50 AM	46.6	55.5	44.3
05:50 AM - 05:55 AM	57.7	78.9	45.1
05:55 AM - 06:00 AM	54.9	77.2	44.1
06:00 AM - 07:00 AM	54.8	77.0	46.4
07:00 AM - 08:00 AM	50.7	63.9	46.8
08:00 AM - 09:00 AM	52.2	78.9	46.9
09:00 AM - 10:00 AM	53.1	72.2	49.5

Reference Method : Based on ISO 1996-1 and ISO 1996-2



Analysis / Test Report



TESTING
No. 0042

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silm 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

Lot ID: 22133750
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report No. : 2518915-1

P/O : สัญญาจ้าง
Project Name : Project AIE Raying
Project Location :

Page 1 of 3

Sample No. : 22133750-22
Parameter : Noise
Location : จุดวัดเสียง N4 (ข้างประตูเข้า) (GPS 47P 0727141, 1406790) (Shut down)
Measurement Date : Nov 26 - 27, 2022
Measurement by : Santi Chachana
Sound Level Meter : 00472130

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	46.9	78.8	40.5
11:00 AM - 12:00 PM	44.4	60.3	42.3
12:00 PM - 01:00 PM	50.3	65.7	41.6
01:00 PM - 02:00 PM	47.8	61.0	46.8
02:00 PM - 03:00 PM	46.7	58.8	45.4
03:00 PM - 04:00 PM	45.4	53.7	44.1
04:00 PM - 05:00 PM	44.7	57.5	41.3
05:00 PM - 06:00 PM	45.7	62.1	44.1
06:00 PM - 07:00 PM	46.9	59.7	45.4
07:00 PM - 08:00 PM	46.9	58.3	45.4
08:00 PM - 09:00 PM	46.7	53.8	45.2
09:00 PM - 10:00 PM	45.3	61.5	43.8
10:00 PM - 10:05 PM	46.3	53.5	44.4
10:05 PM - 10:10 PM	46.6	49.8	45.7
10:10 PM - 10:15 PM	47.6	52.3	46.8
10:15 PM - 10:20 PM	47.5	52.1	46.5
10:20 PM - 10:25 PM	47.3	60.4	46.2
10:25 PM - 10:30 PM	47.3	50.3	46.4
10:30 PM - 10:35 PM	47.5	50.8	46.4
10:35 PM - 10:40 PM	47.0	52.1	45.3
10:40 PM - 10:45 PM	45.7	49.2	44.8
10:45 PM - 10:50 PM	44.9	48.0	44.2
10:50 PM - 10:55 PM	48.0	63.5	44.9
10:55 PM - 11:00 PM	46.0	58.2	43.1
11:00 PM - 11:05 PM	44.4	50.0	43.2
11:05 PM - 11:10 PM	46.6	57.8	43.7
11:10 PM - 11:15 PM	46.9	50.3	43.6
11:15 PM - 11:20 PM	46.0	60.7	43.0
11:20 PM - 11:25 PM	46.3	59.7	43.9
11:25 PM - 11:30 PM	44.2	52.4	42.4
11:30 PM - 11:35 PM	43.3	46.8	42.4
11:35 PM - 11:40 PM	44.5	57.3	42.0
11:40 PM - 11:45 PM	42.6	49.4	41.3
11:45 PM - 11:50 PM	42.6	52.3	41.0
11:50 PM - 11:55 PM	45.8	60.3	42.1
11:55 PM - 12:00 AM	43.7	53.9	42.3
12:00 AM - 12:05 AM	49.3	61.6	42.8
12:05 AM - 12:10 AM	45.8	61.6	42.5
12:10 AM - 12:15 AM	47.2	55.2	43.2
12:15 AM - 12:20 AM	43.1	50.0	41.5

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Analysis / Test Report



TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : สัญญาจ้าง
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22133750
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report No. : 2518916-1

Page 2 of 3

Sample No. 22133750-22
Parameter Noise
Location จลลาลนิล N4 (ทางเข้าพื้นที่นิคมอุตสาหกรรม) (GPS 47P 0727141, 1406790) (Shut down)
Measurement Date Nov 26 - 27, 2022
Measurement by Santi Chaichana
Sound Level Meter 00472130

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:20 AM - 12:25 AM	43.3	57.6	41.7
12:25 AM - 12:30 AM	44.4	58.5	42.7
12:30 AM - 12:35 AM	44.6	49.2	43.1
12:35 AM - 12:40 AM	44.4	55.9	43.0
12:40 AM - 12:45 AM	44.5	47.4	42.6
12:45 AM - 12:50 AM	43.4	46.3	42.3
12:50 AM - 12:55 AM	44.2	49.7	43.0
12:55 AM - 01:00 AM	44.4	48.4	43.4
01:00 AM - 01:05 AM	44.4	51.3	42.5
01:05 AM - 01:10 AM	43.1	49.3	41.9
01:10 AM - 01:15 AM	42.8	48.8	41.5
01:15 AM - 01:20 AM	42.3	47.5	41.1
01:20 AM - 01:25 AM	41.8	48.1	40.4
01:25 AM - 01:30 AM	42.2	46.4	40.5
01:30 AM - 01:35 AM	43.4	57.3	41.4
01:35 AM - 01:40 AM	43.2	49.8	41.8
01:40 AM - 01:45 AM	43.3	47.0	42.3
01:45 AM - 01:50 AM	44.6	47.1	43.1
01:50 AM - 01:55 AM	45.5	55.1	43.8
01:55 AM - 02:00 AM	46.0	54.8	44.5
02:00 AM - 02:05 AM	44.3	50.9	43.4
02:05 AM - 02:10 AM	44.3	47.8	43.5
02:10 AM - 02:15 AM	44.6	47.5	43.6
02:15 AM - 02:20 AM	45.2	49.9	44.2
02:20 AM - 02:25 AM	45.0	46.9	44.4
02:25 AM - 02:30 AM	45.4	47.7	44.7
02:30 AM - 02:35 AM	45.7	50.0	44.6
02:35 AM - 02:40 AM	45.0	50.4	44.0
02:40 AM - 02:45 AM	45.5	50.0	44.4
02:45 AM - 02:50 AM	46.5	49.9	45.4
02:50 AM - 02:55 AM	46.5	51.3	45.4
02:55 AM - 03:00 AM	45.0	48.5	44.3
03:00 AM - 03:05 AM	44.8	47.9	43.8
03:05 AM - 03:10 AM	46.5	50.1	45.4
03:10 AM - 03:15 AM	44.8	46.7	44.2
03:15 AM - 03:20 AM	46.1	48.7	45.3
03:20 AM - 03:25 AM	46.2	48.4	45.3
03:25 AM - 03:30 AM	47.2	49.9	46.3
03:30 AM - 03:35 AM	47.1	49.5	46.5
03:35 AM - 03:40 AM	46.8	52.7	45.5

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Analysis / Test Report



TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : สัญญาจ้าง
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22133750
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report No. : 2518917-1

Page 1 of 3

Sample No. 22133750-23
Parameter Noise
Location จลลาลนิล N4 (ทางเข้าพื้นที่นิคมอุตสาหกรรม) (GPS 47P 0727141, 1406790) (Shut down)
Measurement Date Nov 27 - 28, 2022
Measurement by Santi Chaichana
Sound Level Meter 00472130

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 10:05 AM	43.8	60.6	42.6
10:05 AM - 10:10 AM	41.7	55.4	40.0
10:10 AM - 10:15 AM	42.1	71.6	40.1
10:15 AM - 10:20 AM	39.8	62.1	37.9
10:20 AM - 10:25 AM	39.9	48.0	38.7
10:25 AM - 10:30 AM	41.5	53.5	39.9
10:30 AM - 10:35 AM	41.0	55.8	39.6
10:35 AM - 10:40 AM	42.8	56.7	41.4
10:40 AM - 10:45 AM	44.5	58.5	43.5
10:45 AM - 10:50 AM	45.6	62.2	44.7
10:50 AM - 10:55 AM	47.9	61.2	46.3
10:55 AM - 11:00 AM	47.8	59.4	46.4
11:00 AM - 11:05 AM	47.7	51.9	46.9
11:05 AM - 11:10 AM	47.8	49.9	46.7
11:10 AM - 11:15 AM	48.0	54.7	46.6
11:15 AM - 11:20 AM	47.8	53.0	47.0
11:20 AM - 11:25 AM	47.5	50.3	46.7
11:25 AM - 11:30 AM	47.0	50.4	46.2
11:30 AM - 11:35 PM	46.5	48.7	45.7
11:35 PM - 11:40 PM	45.3	49.0	44.3
11:40 PM - 11:45 PM	44.5	46.8	43.9
11:45 PM - 11:50 PM	44.2	46.3	43.6
11:50 PM - 11:55 PM	44.5	48.1	43.8
11:55 PM - 12:00 AM	45.6	59.6	43.8
12:00 PM - 11:05 PM	44.9	47.8	44.4
11:05 PM - 11:10 PM	45.0	46.8	44.2
11:10 PM - 11:15 PM	45.3	48.1	44.5
11:15 PM - 11:20 PM	45.0	46.4	44.4
11:20 PM - 11:25 PM	43.8	52.4	43.0
11:25 PM - 11:30 PM	43.5	45.7	42.9
11:30 PM - 11:35 PM	44.0	47.1	43.3
11:35 PM - 11:40 PM	43.9	46.7	43.1
11:40 PM - 11:45 PM	43.6	46.5	43.0
11:45 PM - 11:50 PM	44.2	46.4	43.8
11:50 PM - 11:55 PM	44.2	46.9	43.5
11:55 PM - 12:00 AM	44.6	46.3	43.8
12:00 AM - 12:05 AM	44.4	46.5	43.7
12:05 AM - 12:10 AM	44.8	46.9	43.9
12:10 AM - 12:15 AM	44.6	47.7	44.0
12:15 AM - 12:20 AM	44.7	48.0	44.0

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Approved by

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Analysis / Test Report



TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : สัญญาจ้าง
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22133750
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report No. : 2518916-1

Page 3 of 3

Sample No. 22133750-22
Parameter Noise
Location จลลาลนิล N4 (ทางเข้าพื้นที่นิคมอุตสาหกรรม) (GPS 47P 0727141, 1406790) (Shut down)
Measurement Date Nov 26 - 27, 2022
Measurement by Santi Chaichana
Sound Level Meter 00472130

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:40 AM - 03:45 AM	44.9	50.5	43.9
03:45 AM - 03:50 AM	46.6	50.6	45.5
03:50 AM - 03:55 AM	46.1	50.6	44.7
03:55 AM - 04:00 AM	45.0	48.1	44.2
04:00 AM - 04:05 AM	45.4	47.8	44.4
04:05 AM - 04:10 AM	43.5	46.2	42.3
04:10 AM - 04:15 AM	45.3	50.8	44.4
04:15 AM - 04:20 AM	43.8	46.2	42.8
04:20 AM - 04:25 AM	43.6	46.8	42.6
04:25 AM - 04:30 AM	44.3	46.5	43.5
04:30 AM - 04:35 AM	44.7	47.3	43.7
04:35 AM - 04:40 AM	43.7	49.9	43.2
04:40 AM - 04:45 AM	44.3	46.4	43.5
04:45 AM - 04:50 AM	44.4	50.2	43.7
04:50 AM - 04:55 AM	44.2	50.5	42.9
04:55 AM - 05:00 AM	45.1	57.5	42.8
05:00 AM - 05:05 AM	44.4	48.2	43.0
05:05 AM - 05:10 AM	45.2	50.5	43.2
05:10 AM - 05:15 AM	44.4	49.0	42.6
05:15 AM - 05:20 AM	44.0	59.0	42.7
05:20 AM - 05:25 AM	44.0	47.7	43.2
05:25 AM - 05:30 AM	43.9	48.9	43.2
05:30 AM - 05:35 AM	44.7	55.2	43.3
05:35 AM - 05:40 AM	45.8	61.9	43.5
05:40 AM - 05:45 AM	47.1	61.1	44.7
05:45 AM - 05:50 AM	47.1	65.4	43.7
05:50 AM - 05:55 AM	47.8	62.2	45.0
05:55 AM - 06:00 AM	47.6	54.2	45.6
06:00 AM - 07:00 AM	48.2	63.6	45.6
07:00 AM - 08:00 AM	47.9	72.9	45.0
08:00 AM - 09:00 AM	44.3	62.9	42.7
09:00 AM - 10:00 AM	45.0	74.9	43.1

Reference Method : Based on ISO 1996-1 and ISO 1996-2

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Analysis / Test Report



TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : สัญญาจ้าง
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22133750
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report No. : 2518917-1

Page 2 of 3

Sample No. 22133750-23
Parameter Noise
Location จลลาลนิล N4 (ทางเข้าพื้นที่นิคมอุตสาหกรรม) (GPS 47P 0727141, 1406790) (Shut down)
Measurement Date Nov 27 - 28, 2022
Measurement by Santi Chaichana
Sound Level Meter 00472130

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:20 AM - 12:25 AM	44.7	46.8	43.9
12:25 AM - 12:30 AM	44.7	49.3	43.6
12:30 AM - 12:35 AM	44.0	46.7	43.2
12:35 AM - 12:40 AM	44.0	50.2	43.2
12:40 AM - 12:45 AM	46.3	44.8	43.2
12:45 AM - 12:50 AM	47.1	66.6	43.2
12:50 AM - 12:55 AM	44.0	50.0	43.4
12:55 AM - 01:00 AM	44.1	46.5	43.5
01:00 AM - 01:05 AM	44.0	46.2	43.4
01:05 AM - 01:10 AM	44.7	50.3	43.8
01:10 AM - 01:15 AM	44.6	46.8	43.6
01:15 AM - 01:20 AM	43.8	45.8	42.9
01:20 AM - 01:25 AM	44.0	46.3	43.3
01:25 AM - 01:30 AM	43.9	53.1	43.1
01:30 AM - 01:35 AM	43.8	48.3	43.1
01:35 AM - 01:40 AM	43.2	45.5	42.4
01:40 AM - 01:45 AM	45.2	45.2	42.2
01:45 AM - 01:50 AM	43.0	44.7	42.4
01:50 AM - 01:55 AM	43.4	46.2	42.4
01:55 AM - 02:00 AM	43.2	46.4	42.7
02:00 AM - 02:05 AM	43.2	46.0	42.2
02:05 AM - 02:10 AM	43.3	46.0	42.5
02:10 AM - 02:15 AM	43.4	45.6	42.7
02:15 AM - 02:20 AM	43.6	46.0	42.9
02:20 AM - 02:25 AM	44.0	46.4	43.1
02:25 AM - 02:30 AM	43.5	46.7	42.8
02:30 AM - 02:35 AM	43.7	45.4	42.6
02:35 AM - 02:40 AM	43.3	48.3	42.6
02:40 AM - 02:45 AM	45.2	43.4	42.7
02:45 AM - 02:50 AM	44.6	47.2	44.0
02:50 AM - 02:55 AM	43.7	48.5	43.0
02:55 AM - 03:00 AM	43.8	46.1	42.9
03:00 AM - 03:05 AM	44.0	46.3	43.3
03:05 AM - 03:10 AM	43.9	45.9	43.1
03:10 AM - 03:15 AM	44.1	47.3	43.4
03:15 AM - 03:20 AM	43.2	45.0	42.5
03:20 AM - 03:25 AM	43.8	46.1	43.2
03:25 AM - 03:30 AM	44.7	47.3	44.0
03:30 AM - 03:35 AM	44.5	46.4	44.0
03:35 AM - 03:40 AM	45.9	48.6	44.5

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Analysis / Test Report



TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

Lot ID: 22133750
Date Received :Dec 06, 2022
Date Reported :Dec 15, 2022
Report No. : 2518918-1

P/O : สัญญาจ้าง
Project Name : Project AIE Rayong
Project Location :

Page 3 of 3

Sample No. 22133750-23
Parameter Noise
Location จักรยานยนต์ N4 (ทางเข้าพื้นที่จอดรถ) (GPS 47P 0727141, 1406790) (Shut down)
Measurement Date Nov 27 - 28, 2022
Measurement by Santi Chaichana
Sound Level Meter 00472130

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:40 AM - 03:45 AM	46.6	49.2	45.6
03:45 AM - 03:50 AM	46.9	52.8	45.8
03:50 AM - 03:55 AM	46.5	52.6	44.7
03:55 AM - 04:00 AM	44.9	51.0	43.0
04:00 AM - 04:05 AM	46.2	50.6	44.6
04:05 AM - 04:10 AM	46.5	49.2	45.3
04:10 AM - 04:15 AM	46.9	49.7	46.3
04:15 AM - 04:20 AM	45.8	48.5	44.9
04:20 AM - 04:25 AM	44.4	49.1	40.7
04:25 AM - 04:30 AM	41.9	52.6	40.1
04:30 AM - 04:35 AM	41.9	49.7	40.3
04:35 AM - 04:40 AM	42.7	54.5	41.0
04:40 AM - 04:45 AM	41.8	47.2	40.4
04:45 AM - 04:50 AM	41.9	47.5	40.8
04:50 AM - 04:55 AM	44.1	47.4	43.1
04:55 AM - 05:00 AM	43.9	52.6	42.5
05:00 AM - 05:05 AM	41.9	46.2	40.5
05:05 AM - 05:10 AM	42.3	46.6	40.5
05:10 AM - 05:15 AM	41.9	45.5	40.4
05:15 AM - 05:20 AM	42.9	48.8	41.0
05:20 AM - 05:25 AM	41.9	51.1	42.3
05:25 AM - 05:30 AM	42.3	48.0	40.9
05:30 AM - 05:35 AM	42.6	59.0	40.5
05:35 AM - 05:40 AM	50.6	69.7	41.5
05:40 AM - 05:45 AM	51.6	68.9	41.3
05:45 AM - 05:50 AM	52.0	67.0	44.6
05:50 AM - 05:55 AM	48.1	57.9	45.4
05:55 AM - 06:00 AM	47.1	58.3	44.5
06:00 AM - 07:00 AM	49.4	65.2	47.2
07:00 AM - 08:00 AM	52.0	67.0	49.8
08:00 AM - 09:00 AM	42.9	67.4	38.5
09:00 AM - 10:00 AM	40.8	62.2	39.4

Reference Method : Based on ISO 1996-1 and ISO 1996-2



Analysis / Test Report



TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

Lot ID: 22133750
Date Received :Dec 06, 2022
Date Reported :Dec 15, 2022
Report No. : 2518918-1

P/O : สัญญาจ้าง
Project Name : Project AIE Rayong
Project Location :

Page 1 of 3

Sample No. 22133750-24
Parameter Noise
Location จักรยานยนต์ N4 (ทางเข้าพื้นที่จอดรถ) (GPS 47P 0727141, 1406790) (Shut down)
Measurement Date Nov 28 - 29, 2022
Measurement by Santi Chaichana
Sound Level Meter 00472130

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	41.5	52.6	40.3
11:00 AM - 12:00 PM	42.1	58.6	40.2
12:00 PM - 01:00 PM	42.7	56.5	40.9
01:00 PM - 02:00 PM	43.5	63.7	41.5
02:00 PM - 03:00 PM	41.7	55.2	40.5
03:00 PM - 04:00 PM	40.8	59.6	38.4
04:00 PM - 05:00 PM	41.4	54.6	39.5
05:00 PM - 06:00 PM	44.4	68.3	40.9
06:00 PM - 07:00 PM	44.8	63.2	43.0
07:00 PM - 08:00 PM	44.8	60.7	42.8
08:00 PM - 09:00 PM	45.9	58.8	44.4
09:00 PM - 10:00 PM	45.4	68.0	43.8
10:00 PM - 10:05 PM	44.6	49.6	43.4
10:05 PM - 10:10 PM	44.2	51.4	42.5
10:10 PM - 10:15 PM	44.5	48.2	43.5
10:15 PM - 10:20 PM	44.8	58.7	43.3
10:20 PM - 10:25 PM	46.4	63.0	43.5
10:25 PM - 10:30 PM	45.5	51.4	43.2
10:30 PM - 10:35 PM	44.4	51.0	42.3
10:35 PM - 10:40 PM	44.4	50.4	42.7
10:40 PM - 10:45 PM	45.6	51.5	44.0
10:45 PM - 10:50 PM	46.5	51.1	44.9
10:50 PM - 10:55 PM	44.6	47.9	43.3
10:55 PM - 11:00 PM	45.2	48.0	44.3
11:00 PM - 11:05 PM	44.6	47.7	43.5
11:05 PM - 11:10 PM	45.4	54.6	44.1
11:10 PM - 11:15 PM	45.9	49.1	44.2
11:15 PM - 11:20 PM	45.7	55.0	43.0
11:20 PM - 11:25 PM	42.8	51.4	41.5
11:25 PM - 11:30 PM	43.8	48.2	42.9
11:30 PM - 11:35 PM	44.7	47.2	44.0
11:35 PM - 11:40 PM	45.4	48.3	44.6
11:40 PM - 11:45 PM	44.4	53.5	42.9
11:45 PM - 11:50 PM	45.5	48.3	42.8
11:50 PM - 11:55 PM	46.1	51.5	44.5
11:55 PM - 12:00 AM	47.4	51.6	46.5
12:00 AM - 12:05 AM	46.8	50.0	45.8
12:05 AM - 12:10 AM	47.0	50.4	46.3
12:10 AM - 12:15 AM	48.2	57.6	45.2
12:15 AM - 12:20 AM	45.8	48.4	45.0

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Analysis / Test Report



TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

Lot ID: 22133750
Date Received :Dec 06, 2022
Date Reported :Dec 15, 2022
Report No. : 2518918-1

P/O : สัญญาจ้าง
Project Name : Project AIE Rayong
Project Location :

Page 2 of 3

Sample No. 22133750-24
Parameter Noise
Location จักรยานยนต์ N4 (ทางเข้าพื้นที่จอดรถ) (GPS 47P 0727141, 1406790) (Shut down)
Measurement Date Nov 28 - 29, 2022
Measurement by Santi Chaichana
Sound Level Meter 00472130

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:20 AM - 12:25 AM	47.0	51.2	46.0
12:25 AM - 12:30 AM	45.8	49.3	44.7
12:30 AM - 12:35 AM	46.4	49.4	45.2
12:35 AM - 12:40 AM	48.0	50.2	47.2
12:40 AM - 12:45 AM	49.1	55.9	46.8
12:45 AM - 12:50 AM	46.2	48.5	45.3
12:50 AM - 12:55 AM	46.5	51.9	45.0
12:55 AM - 01:00 AM	44.4	48.4	43.5
01:00 AM - 01:05 AM	43.5	48.1	41.0
01:05 AM - 01:10 AM	43.5	49.0	41.8
01:10 AM - 01:15 AM	45.1	50.5	43.3
01:15 AM - 01:20 AM	45.1	47.8	42.8
01:20 AM - 01:25 AM	45.3	47.6	44.4
01:25 AM - 01:30 AM	44.4	47.8	43.8
01:30 AM - 01:35 AM	44.4	48.1	43.1
01:35 AM - 01:40 AM	45.9	51.2	45.0
01:40 AM - 01:45 AM	45.0	46.7	44.4
01:45 AM - 01:50 AM	44.6	47.3	43.8
01:50 AM - 01:55 AM	46.7	56.7	44.9
01:55 AM - 02:00 AM	45.1	49.0	44.4
02:00 AM - 02:05 AM	45.9	48.0	44.5
02:05 AM - 02:10 AM	47.5	50.5	46.9
02:10 AM - 02:15 AM	47.3	53.5	46.7
02:15 AM - 02:20 AM	46.4	48.5	45.7
02:20 AM - 02:25 AM	46.5	48.5	45.6
02:25 AM - 02:30 AM	46.7	48.3	46.1
02:30 AM - 02:35 AM	47.1	50.1	46.1
02:35 AM - 02:40 AM	46.7	49.2	46.0
02:40 AM - 02:45 AM	45.9	48.3	44.9
02:45 AM - 02:50 AM	46.1	47.9	45.1
02:50 AM - 02:55 AM	45.5	48.1	44.0
02:55 AM - 03:00 AM	44.0	46.0	43.2
03:00 AM - 03:05 AM	46.5	49.0	45.2
03:05 AM - 03:10 AM	46.2	48.9	44.6
03:10 AM - 03:15 AM	42.7	45.8	41.6
03:15 AM - 03:20 AM	43.4	46.5	42.3
03:20 AM - 03:25 AM	43.5	46.1	42.5
03:25 AM - 03:30 AM	42.3	46.7	41.3
03:30 AM - 03:35 AM	41.3	45.3	39.9
03:35 AM - 03:40 AM	41.1	47.1	39.4

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Analysis / Test Report



TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

Lot ID: 22133750
Date Received :Dec 06, 2022
Date Reported :Dec 15, 2022
Report No. : 2518918-1

P/O : สัญญาจ้าง
Project Name : Project AIE Rayong
Project Location :

Page 3 of 3

Sample No. 22133750-24
Parameter Noise
Location จักรยานยนต์ N4 (ทางเข้าพื้นที่จอดรถ) (GPS 47P 0727141, 1406790) (Shut down)
Measurement Date Nov 28 - 29, 2022
Measurement by Santi Chaichana
Sound Level Meter 00472130

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:40 AM - 03:45 AM	40.3	43.8	39.2
03:45 AM - 03:50 AM	40.6	49.3	39.4
03:50 AM - 03:55 AM	39.7	55.8	38.3
03:55 AM - 04:00 AM	39.0	44.2	38.0
04:00 AM - 04:05 AM	39.5	49.0	37.5
04:05 AM - 04:10 AM	38.7	45.8	37.4
04:10 AM - 04:15 AM	39.5	42.4	42.4
04:15 AM - 04:20 AM	41.1	45.0	39.6
04:20 AM - 04:25 AM	40.2	51.5	38.6
04:25 AM - 04:30 AM	45.7	66.1	40.1
04:30 AM - 04:35 AM	47.3	64.2	42.3
04:35 AM - 04:40 AM	43.8	47.8	42.6
04:40 AM - 04:45 AM	47.8	67.0	41.7
04:45 AM - 04:50 AM	51.8	69.3	42.5
04:50 AM - 04:55 AM	56.4	69.9	42.7
04:55 AM - 05:00 AM	43.0	52.2	40.9
05:00 AM - 05:05 AM	47.3	64.8	42.0
05:05 AM - 05:10 AM	52.1	69.0	43.7
05:10 AM - 05:15 AM	54.4	69.4	41.0
05:15 AM - 05:20 AM	43.8	57.3	42.3
05:20 AM - 05:25 AM	49.8	68.8	41.1
05:25 AM - 05:30 AM	42.9	51.9	40.7
05:30 AM - 05:35 AM	44.2	55.2	41.8
05:35 AM - 05:40 AM	44.9	52.1	42.4
05:40 AM - 05:45 AM	53.2	68.4	41.5
05:45 AM - 05:50 AM	46.7	65.3	41.5
05:50 AM - 05:55 AM	45.2	59.9	40.0
05:55 AM - 06:00 AM	46.4	55.7	43.1
06:00 AM - 07:00 AM	49.1	64.1	46.5
07:00 AM - 08:00 AM	47.3	61.3	44.0
08:00 AM - 09:00 AM	38.7	60.2	35.4
09:00 AM - 10:00 AM	39.8	58.0	38.4

Reference Method : Based on ISO 1996-1 and ISO 1996-2

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Approved by Wilawan Borik Assistant Manager

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Analysis / Test Report



TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silm 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

Lot ID: 22133750
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report No. : 2518919-1

P/O : สัญญาจ้าง
Project Name : Project AIE Rayong
Project Location :

Sample No. 22133750-25
Parameter Noise
Location จดแจ้ง N4 (ทางเข้าพื้นที่นิคมอุตสาหกรรม) (GPS 47P 0727141, 1406790) (Shut down)
Measurement Date Nov 29 - 30, 2022
Measurement by Santi Chaichana
Sound Level Meter 00472130

Page 1 of 3

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	41.4	68.2	39.8
11:00 AM - 12:00 PM	41.3	55.4	39.8
12:00 PM - 01:00 PM	41.8	69.6	40.5
01:00 PM - 02:00 PM	41.7	58.1	39.6
02:00 PM - 03:00 PM	50.6	85.4	39.5
03:00 PM - 04:00 PM	40.6	66.2	37.0
04:00 PM - 05:00 PM	44.1	64.5	37.3
05:00 PM - 06:00 PM	51.8	70.0	48.5
06:00 PM - 07:00 PM	48.3	57.9	47.1
07:00 PM - 08:00 PM	48.8	56.7	47.6
08:00 PM - 09:00 PM	48.6	66.8	47.1
09:00 PM - 10:00 PM	49.0	60.6	47.8
10:00 PM - 10:55 PM	47.4	52.7	45.0
10:05 PM - 10:10 PM	47.2	55.4	45.3
10:10 PM - 10:15 PM	47.5	56.1	46.2
10:15 PM - 10:20 PM	49.6	55.3	48.0
10:20 PM - 10:25 PM	49.3	51.0	48.7
10:25 PM - 10:30 PM	47.5	51.2	46.5
10:30 PM - 10:35 PM	46.0	49.8	47.2
10:35 PM - 10:40 PM	48.6	53.3	47.0
10:40 PM - 10:45 PM	48.4	50.6	47.9
10:45 PM - 10:50 PM	49.5	51.7	47.2
10:50 PM - 10:55 PM	49.4	55.2	48.3
10:55 PM - 11:00 PM	49.1	50.9	48.1
11:00 PM - 11:05 PM	48.5	50.7	47.8
11:05 PM - 11:10 PM	47.7	50.9	46.1
11:10 PM - 11:15 PM	47.7	51.3	46.1
11:15 PM - 11:20 PM	44.0	48.5	42.9
11:20 PM - 11:25 PM	44.5	48.4	43.3
11:25 PM - 11:30 PM	44.1	48.2	42.6
11:30 PM - 11:35 PM	44.1	51.1	42.6
11:35 PM - 11:40 PM	44.9	50.8	43.1
11:40 PM - 11:45 PM	44.2	52.4	43.1
11:45 PM - 11:50 PM	46.2	56.1	44.0
11:50 PM - 11:55 PM	45.2	49.0	44.4
11:55 PM - 12:00 AM	45.9	56.4	43.1
12:00 AM - 12:05 AM	44.7	47.8	43.8
12:05 AM - 12:10 AM	45.1	50.3	43.9
12:10 AM - 12:15 AM	46.9	49.7	45.7
12:15 AM - 12:20 AM	46.4	52.2	45.1

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Approved by

Wibab.

Wibab Borik
Assistant Manager

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Analysis / Test Report



TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silm 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

Lot ID: 22133750
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report No. : 2518919-1

P/O : สัญญาจ้าง
Project Name : Project AIE Rayong
Project Location :

Sample No. 22133750-25
Parameter Noise
Location จดแจ้ง N4 (ทางเข้าพื้นที่นิคมอุตสาหกรรม) (GPS 47P 0727141, 1406790) (Shut down)
Measurement Date Nov 29 - 30, 2022
Measurement by Santi Chaichana
Sound Level Meter 00472130

Page 3 of 3

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:40 AM - 03:45 AM	47.0	48.6	46.5
03:45 AM - 03:50 AM	47.9	52.4	47.0
03:50 AM - 03:55 AM	47.8	49.1	47.4
03:55 AM - 04:00 AM	47.7	50.2	47.1
04:00 AM - 04:05 AM	47.7	49.5	47.1
04:05 AM - 04:10 AM	48.1	49.9	47.6
04:10 AM - 04:15 AM	47.6	49.2	47.1
04:15 AM - 04:20 AM	48.3	51.4	47.6
04:20 AM - 04:25 AM	47.3	50.3	46.4
04:25 AM - 04:30 AM	46.3	50.3	45.8
04:30 AM - 04:35 AM	46.0	49.7	45.1
04:35 AM - 04:40 AM	46.2	46.2	45.5
04:40 AM - 04:45 AM	47.0	51.0	46.3
04:45 AM - 04:50 AM	46.9	48.9	46.3
04:50 AM - 04:55 AM	46.7	50.5	46.0
04:55 AM - 05:00 AM	45.4	48.0	44.3
05:00 AM - 05:05 AM	44.4	49.7	43.2
05:05 AM - 05:10 AM	45.6	49.4	43.7
05:10 AM - 05:15 AM	45.9	54.2	44.3
05:15 AM - 05:20 AM	44.6	50.5	42.7
05:20 AM - 05:25 AM	45.3	50.3	43.0
05:25 AM - 05:30 AM	44.5	54.7	42.5
05:30 AM - 05:35 AM	44.1	48.3	42.6
05:35 AM - 05:40 AM	44.0	51.6	42.4
05:40 AM - 05:45 AM	44.1	55.3	42.2
05:45 AM - 05:50 AM	45.7	54.1	42.5
05:50 AM - 05:55 AM	43.6	53.9	41.8
05:55 AM - 06:00 AM	46.3	51.3	44.8
06:00 AM - 07:00 AM	50.2	64.8	48.1
07:00 AM - 08:00 AM	48.3	64.9	45.8
08:00 AM - 09:00 AM	39.4	58.3	35.7
09:00 AM - 10:00 AM	37.3	59.2	34.0

Reference Method : Based on ISO 1996-1 and ISO 1996-2

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Analysis / Test Report



TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silm 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

Lot ID: 22133750
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report No. : 2518919-1

P/O : สัญญาจ้าง
Project Name : Project AIE Rayong
Project Location :

Sample No. 22133750-25
Parameter Noise
Location จดแจ้ง N4 (ทางเข้าพื้นที่นิคมอุตสาหกรรม) (GPS 47P 0727141, 1406790) (Shut down)
Measurement Date Nov 29 - 30, 2022
Measurement by Santi Chaichana
Sound Level Meter 00472130

Page 2 of 3

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:20 AM - 12:25 AM	47.5	63.5	44.1
12:25 AM - 12:30 AM	45.9	54.2	44.6
12:30 AM - 12:35 AM	46.0	51.0	45.1
12:35 AM - 12:40 AM	48.0	52.8	46.3
12:40 AM - 12:45 AM	46.5	50.7	44.9
12:45 AM - 12:50 AM	46.6	51.7	44.8
12:50 AM - 12:55 AM	48.5	52.2	47.2
12:55 AM - 01:00 AM	49.1	51.1	48.4
01:00 AM - 01:05 AM	48.8	51.1	47.8
01:05 AM - 01:10 AM	48.8	50.7	48.1
01:10 AM - 01:15 AM	48.5	50.9	47.6
01:15 AM - 01:20 AM	47.9	50.8	47.0
01:20 AM - 01:25 AM	47.2	50.6	47.2
01:25 AM - 01:30 AM	43.7	50.4	44.6
01:30 AM - 01:35 AM	44.3	48.3	43.0
01:35 AM - 01:40 AM	46.2	51.8	44.8
01:40 AM - 01:45 AM	45.7	50.2	44.8
01:45 AM - 01:50 AM	44.5	48.2	43.5
01:50 AM - 01:55 AM	43.5	46.3	42.7
01:55 AM - 02:00 AM	43.7	57.0	42.3
02:00 AM - 02:05 AM	41.4	45.8	39.5
02:05 AM - 02:10 AM	46.0	65.5	42.7
02:10 AM - 02:15 AM	43.8	59.3	40.0
02:15 AM - 02:20 AM	40.9	46.1	39.7
02:20 AM - 02:25 AM	38.3	50.6	37.2
02:25 AM - 02:30 AM	39.4	49.0	37.1
02:30 AM - 02:35 AM	41.2	46.3	39.2
02:35 AM - 02:40 AM	42.0	46.3	40.9
02:40 AM - 02:45 AM	42.7	46.6	42.2
02:45 AM - 02:50 AM	44.6	48.6	43.4
02:50 AM - 02:55 AM	44.5	48.4	43.4
02:55 AM - 03:00 AM	46.4	48.3	45.4
03:00 AM - 03:05 AM	46.5	48.5	45.6
03:05 AM - 03:10 AM	45.7	48.7	44.9
03:10 AM - 03:15 AM	46.1	48.4	44.8
03:15 AM - 03:20 AM	45.0	47.5	43.9
03:20 AM - 03:25 AM	46.9	49.2	45.5
03:25 AM - 03:30 AM	47.3	50.5	46.8
03:30 AM - 03:35 AM	47.6	49.8	47.0
03:35 AM - 03:40 AM	47.2	48.6	46.7

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Assistant Manager

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Analysis / Test Report



TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silm 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

Lot ID: 22133750
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report No. : 2518920-1

P/O : สัญญาจ้าง
Project Name : Project AIE Rayong
Project Location :

Sample No. 22133750-26
Parameter Noise
Location จดแจ้ง N4 (ทางเข้าพื้นที่นิคมอุตสาหกรรม) (GPS 47P 0727141, 1406790) (Shut down)
Measurement Date Nov 30 - 01, 2022
Measurement by Santi Chaichana
Sound Level Meter 00472130

Page 1 of 3

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	38.8	57.9	34.5
11:00 AM - 12:00 PM	40.8	62.8	37.2
12:00 PM - 01:00 PM	41.3	61.6	39.0
01:00 PM - 02:00 PM	41.8	57.8	40.3
02:00 PM - 03:00 PM	41.9	63.5	40.6
03:00 PM - 04:00 PM	41.9	61.7	39.8
04:00 PM - 05:00 PM	43.1	69.7	40.1
05:00 PM - 06:00 PM	43.3	57.3	41.3
06:00 PM - 07:00 PM	44.4	60.7	42.7
07:00 PM - 08:00 PM	44.6	58.9	42.0
08:00 PM - 09:00 PM	44.0	63.6	41.0
09:00 PM - 10:00 PM	41.6	56.7	39.8
10:00 PM - 10:05 PM	46.9	46.7	40.2
10:05 PM - 10:10 PM	43.1	47.1	41.8
10:10 PM - 10:15 PM	43.3	50.8	40.2
10:15 PM - 10:20 PM	42.4	46.0	39.5
10:20 PM - 10:25 PM	40.5	44.4	39.5
10:25 PM - 10:30 PM	40.7	45.8	40.1
10:30 PM - 10:35 PM	43.4	45.8	41.6
10:35 PM - 10:40 PM	44.1	50.8	43.1
10:40 PM - 10:45 PM	42.7	49.4	40.9
10:45 PM - 10:50 PM	39.8	43.4	38.3
10:50 PM - 10:55 PM	39.6	45.9	38.1
10:55 PM - 11:00 PM	42.4	46.3	38.5
11:00 PM - 11:05 PM	45.1	57.4	40.3
11:05 PM - 11:10 PM	42.0	47.9	40.7
11:10 PM - 11:15 PM	41.2	46.1	40.2
11:15 PM - 11:20 PM	41.1	49.8	40.0
11:20 PM - 11:25 PM	41.7	47.1	40.7
11:25 PM - 11:30 PM	40.7	47.1	39.5
11:30 PM - 11:35 PM	39.4	43.5	38.5
11:35 PM - 11:40 PM	39.7	46.4	38.4
11:40 PM - 11:45 PM	42.8	58.0	38.1
11:45 PM - 11:50 PM	46.1	46.1	38.0
11:50 PM - 11:55 PM	41.4	48.0	39.3
11:55 PM - 12:00 AM	40.6	48.0	38.4
12:00 AM - 12:05 AM	66.8	62.2	37.0
12:05 AM - 12:10 AM	39.5	49.8	37.0
12:10 AM - 12:15 AM	40.4	49.9	37.4
12:15 AM - 12:20 AM	41.7	50.5	38.1

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Analysis / Test Report



TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermj Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

Lot ID: 22133750
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report No. : 2518920-1

P/O : สัญญาจ้าง
Project Name : Project AIE Rayong
Project Location :

Page 2 of 3

Sample No. : 22133750-26
Parameter : Noise
Location : จุดวางตัว N4 (ทางเข้าพื้นที่จอดรถ) (GPS 47P 0727141, 1406790) (Shut down)
Measurement Date : Nov 30 - 01, 2022
Measurement by : Santi Chachana
Sound Level Meter : 00472130

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:20 AM - 12:25 AM	40.3	53.9	38.1
12:25 AM - 12:30 AM	38.9	46.4	37.2
12:30 AM - 12:35 AM	41.2	54.6	36.8
12:35 AM - 12:40 AM	42.8	61.0	37.8
12:40 AM - 12:45 AM	40.8	48.6	37.8
12:45 AM - 12:50 AM	39.6	48.1	37.2
12:50 AM - 12:55 AM	38.2	45.0	36.7
12:55 AM - 01:00 AM	37.9	41.6	35.9
01:00 AM - 01:05 AM	37.7	41.5	35.9
01:05 AM - 01:10 AM	37.4	44.2	35.5
01:10 AM - 01:15 AM	41.4	60.7	36.4
01:15 AM - 01:20 AM	38.1	48.2	35.4
01:20 AM - 01:25 AM	36.0	39.5	35.7
01:25 AM - 01:30 AM	37.4	45.1	35.6
01:30 AM - 01:35 AM	36.8	40.6	35.6
01:35 AM - 01:40 AM	41.3	54.6	35.1
01:40 AM - 01:45 AM	40.1	51.4	35.0
01:45 AM - 01:50 AM	35.6	42.6	34.1
01:50 AM - 01:55 AM	36.5	47.4	34.1
01:55 AM - 02:00 AM	44.1	55.0	34.2
02:00 AM - 02:05 AM	38.7	50.2	34.4
02:05 AM - 02:10 AM	40.7	54.8	35.0
02:10 AM - 02:15 AM	35.8	48.1	34.9
02:15 AM - 02:20 AM	36.2	45.0	35.4
02:20 AM - 02:25 AM	39.8	51.5	34.5
02:25 AM - 02:30 AM	36.6	52.3	34.2
02:30 AM - 02:35 AM	34.4	38.4	33.4
02:35 AM - 02:40 AM	35.4	45.5	34.1
02:40 AM - 02:45 AM	35.6	40.2	34.5
02:45 AM - 02:50 AM	36.0	41.9	34.8
02:50 AM - 02:55 AM	40.1	50.3	34.6
02:55 AM - 03:00 AM	35.0	40.1	33.8
03:00 AM - 03:05 AM	35.6	41.2	33.8
03:05 AM - 03:10 AM	40.8	55.0	34.8
03:10 AM - 03:15 AM	37.3	44.7	34.6
03:15 AM - 03:20 AM	36.9	44.7	34.3
03:20 AM - 03:25 AM	36.7	45.3	34.8
03:25 AM - 03:30 AM	37.7	46.4	35.7
03:30 AM - 03:35 AM	39.0	41.2	38.3
03:35 AM - 03:40 AM	39.0	47.4	38.0



Analysis / Test Report



TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermj Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

Lot ID: 22133750
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report No. : 2518920-1

P/O : สัญญาจ้าง
Project Name : Project AIE Rayong
Project Location :

Page 3 of 3

Sample No. : 22133750-26
Parameter : Noise
Location : จุดวางตัว N4 (ทางเข้าพื้นที่จอดรถ) (GPS 47P 0727141, 1406790) (Shut down)
Measurement Date : Nov 30 - 01, 2022
Measurement by : Santi Chachana
Sound Level Meter : 00472130

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:40 AM - 03:45 AM	40.3	47.3	37.9
03:45 AM - 03:50 AM	40.3	47.1	38.7
03:50 AM - 03:55 AM	38.5	41.5	37.7
03:55 AM - 04:00 AM	40.1	47.4	38.8
04:00 AM - 04:05 AM	38.5	48.9	36.2
04:05 AM - 04:10 AM	38.7	45.6	36.9
04:10 AM - 04:15 AM	39.6	46.6	38.2
04:15 AM - 04:20 AM	42.4	56.0	38.4
04:20 AM - 04:25 AM	39.6	45.9	38.4
04:25 AM - 04:30 AM	39.4	47.3	38.2
04:30 AM - 04:35 AM	39.6	44.6	38.4
04:35 AM - 04:40 AM	39.5	46.3	38.4
04:40 AM - 04:45 AM	39.8	49.2	38.7
04:45 AM - 04:50 AM	41.0	52.4	39.3
04:50 AM - 04:55 AM	39.6	46.9	38.5
04:55 AM - 05:00 AM	39.4	43.4	38.4
05:00 AM - 05:05 AM	40.8	48.8	39.6
05:05 AM - 05:10 AM	40.6	45.5	39.5
05:10 AM - 05:15 AM	41.6	46.9	40.1
05:15 AM - 05:20 AM	42.5	47.1	41.2
05:20 AM - 05:25 AM	43.8	48.1	42.4
05:25 AM - 05:30 AM	44.0	49.9	43.2
05:30 AM - 05:35 AM	44.8	54.2	42.9
05:35 AM - 05:40 AM	43.5	52.6	40.8
05:40 AM - 05:45 AM	43.5	48.8	42.1
05:45 AM - 05:50 AM	46.1	62.6	42.8
05:50 AM - 05:55 AM	44.2	55.1	41.8
05:55 AM - 06:00 AM	44.2	55.7	42.0
06:00 AM - 06:05 AM	46.8	64.3	44.3
06:05 AM - 06:10 AM	45.7	61.4	43.0
06:10 AM - 06:15 AM	45.2	70.6	38.8
06:15 AM - 06:20 AM	38.6	54.2	35.8

Reference Method : Based on ISO 1996-1 and ISO 1996-2

Approved by

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Wibwan Borik
Assistant Manager

Approved by

Wibb.

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Analysis / Test Report



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No.0042

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermj Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

Lot ID: 22133750
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report No. : 2518921-1

P/O : สัญญาจ้าง
Project Name : Project AIE Rayong
Project Location :

Page 1 of 3

Sample No. : 22133750-27
Parameter : Noise
Location : จุดวางตัว N4 (ทางเข้าพื้นที่จอดรถ) (GPS 47P 0727141, 1406790) (Shut down)
Measurement Date : Dec 01 - 02, 2022
Measurement by : Santi Chachana
Sound Level Meter : 00472130

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	40.9	66.6	37.5
11:00 AM - 12:00 PM	41.5	58.3	38.1
12:00 PM - 01:00 PM	43.1	82.0	37.7
01:00 PM - 02:00 PM	43.0	69.5	38.6
02:00 PM - 03:00 PM	42.5	70.3	40.7
03:00 PM - 04:00 PM	41.5	57.9	39.6
04:00 PM - 05:00 PM	42.4	58.2	39.7
05:00 PM - 06:00 PM	43.0	56.8	40.7
06:00 PM - 07:00 PM	47.0	71.7	42.9
07:00 PM - 08:00 PM	46.0	58.5	44.2
08:00 PM - 09:00 PM	47.4	62.8	44.6
09:00 PM - 10:00 PM	46.7	57.1	45.6
10:00 PM - 10:05 PM	46.1	54.6	44.2
10:05 PM - 10:10 PM	45.9	54.8	44.1
10:10 PM - 10:15 PM	45.2	51.5	43.7
10:15 PM - 10:20 PM	45.4	54.7	42.6
10:20 PM - 10:25 PM	45.0	52.0	43.3
10:25 PM - 10:30 PM	43.6	46.4	42.7
10:30 PM - 10:35 PM	45.9	49.4	44.9
10:35 PM - 10:40 PM	45.8	48.5	45.2
10:40 PM - 10:45 PM	45.6	49.3	44.8
10:45 PM - 10:50 PM	44.1	46.4	42.9
10:50 PM - 10:55 PM	43.5	52.5	42.8
10:55 PM - 11:00 PM	44.4	58.7	42.2
11:00 PM - 11:05 PM	44.2	47.0	43.2
11:05 PM - 11:10 PM	44.4	47.4	43.3
11:10 PM - 11:15 PM	44.6	50.8	43.8
11:15 PM - 11:20 PM	44.7	50.2	43.8
11:20 PM - 11:25 PM	44.9	47.4	44.3
11:25 PM - 11:30 PM	44.3	52.5	43.3
11:30 PM - 11:35 PM	43.4	48.4	42.7
11:35 PM - 11:40 PM	44.5	55.5	43.4
11:40 PM - 11:45 PM	43.9	54.4	42.7
11:45 PM - 11:50 PM	43.0	44.9	42.3
11:50 PM - 11:55 PM	42.8	54.9	41.4
11:55 PM - 12:00 AM	44.8	52.0	43.7
12:00 AM - 12:05 AM	45.1	56.3	42.6
12:05 AM - 12:10 AM	45.8	58.8	43.1
12:10 AM - 12:15 AM	44.8	51.5	43.6
12:15 AM - 12:20 AM	45.0	53.4	43.6

Approved by

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Analysis / Test Report



TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermj Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

Lot ID: 22133750
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report No. : 2518921-1

P/O : สัญญาจ้าง
Project Name : Project AIE Rayong
Project Location :

Page 2 of 3

Sample No. : 22133750-27
Parameter : Noise
Location : จุดวางตัว N4 (ทางเข้าพื้นที่จอดรถ) (GPS 47P 0727141, 1406790) (Shut down)
Measurement Date : Dec 01 - 02, 2022
Measurement by : Santi Chachana
Sound Level Meter : 00472130

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:20 AM - 12:25 AM	44.4	54.2	43.0
12:25 AM - 12:30 AM	53.7	70.4	42.5
12:30 AM - 12:35 AM	45.5	54.4	44.6
12:35 AM - 12:40 AM	43.8	51.1	42.6
12:40 AM - 12:45 AM	43.1	48.8	42.2
12:45 AM - 12:50 AM	43.2	49.4	42.3
12:50 AM - 12:55 AM	50.3	68.9	41.7
12:55 AM - 01:00 AM	48.8	69.2	40.3
01:00 AM - 01:05 AM	40.7	46.9	39.4
01:05 AM - 01:10 AM	40.5	48.0	39.6
01:10 AM - 01:15 AM	41.2	49.9	40.4
01:15 AM - 01:20 AM	41.3	59.4	40.2
01:20 AM - 01:25 AM	41.4	45.5	40.3
01:25 AM - 01:30 AM	43.7	54.3	40.3
01:30 AM - 01:35 AM	42.3	57.8	40.6
01:35 AM - 01:40 AM	45.6	61.4	40.4
01:40 AM - 01:45 AM	42.5	54.9	40.3
01:45 AM - 01:50 AM	43.6	58.0	40.7
01:50 AM - 01:55 AM	42.9	58.1	40.2
01:55 AM - 02:00 AM	41.9	49.5	40.9
02:00 AM - 02:05 AM	44.5	50.5	43.4
02:05 AM - 02:10 AM	44.6	48.5	43.6
02:10 AM - 02:15 AM	45.1	52.7	44.2
02:15 AM - 02:20 AM	45.8	49.7	44.6
02:20 AM - 02:25 AM	44.5	46.7	43.9
02:25 AM - 02:30 AM	45.4	52.6	44.6
02:30 AM - 02:35 AM	44.8	46.7	44.2
02:35 AM - 02:40 AM	43.7	46.1	42.8
02:40 AM - 02:45 AM	43.1	47.0	42.3
02:45 AM - 02:50 AM	42.7	44.8	42.2
02:50 AM - 02:55 AM	40.6	60.6	42.1
02:55 AM - 03:00 AM	43.1	49.0	42.1
03:00 AM - 03:05 AM	42.5	48.5	41.8
03:05 AM - 03:10 AM	43.0	50.2	41.6
03:10 AM - 03:15 AM	43.0	54.0	41.7
03:15 AM - 03:20 AM	42.5	59.4	41.5
03:20 AM - 03:25 AM	43.2	48.2	41.9
03:25 AM - 03:30 AM	43.0	49.0	42.0
03:30 AM - 03:35 AM	43.3	46.8	41.9
03:35 AM - 03:40 AM	42.7	46.7	41.5

Approved by

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Analysis / Test Report

TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O : อัญญา
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22133750
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report No. : 2518921-1

Page 3 of 3

Sample No. 22133750-27
Parameter Noise
Location จักรยานยนต์ N4 (ท่ารถจักรยานยนต์ถนนโรจนา) (GPS 47P 0727141, 1406790) (Shut down)
Measurement Date Dec 01 - 02, 2022
Measurement by Santi Chaichana
Sound Level Meter 00472130

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:40 AM - 03:45 AM	42.6	46.5	41.5
03:45 AM - 03:50 AM	42.8	49.1	41.8
03:50 AM - 03:55 AM	44.7	51.8	42.6
03:55 AM - 04:00 AM	44.5	53.5	42.2
04:00 AM - 04:05 AM	45.1	54.0	43.6
04:05 AM - 04:10 AM	44.8	53.2	42.5
04:10 AM - 04:15 AM	43.8	51.8	41.3
04:15 AM - 04:20 AM	41.4	47.1	40.0
04:20 AM - 04:25 AM	41.2	47.5	39.6
04:25 AM - 04:30 AM	40.9	48.3	38.9
04:30 AM - 04:35 AM	41.9	47.0	40.3
04:35 AM - 04:40 AM	40.8	47.5	39.5
04:40 AM - 04:45 AM	42.2	47.6	40.8
04:45 AM - 04:50 AM	45.5	57.7	41.2
04:50 AM - 04:55 AM	48.5	68.0	40.6
04:55 AM - 05:00 AM	44.3	46.8	43.7
05:00 AM - 05:05 AM	43.7	55.0	40.4
05:05 AM - 05:10 AM	44.4	51.9	41.5
05:10 AM - 05:15 AM	45.5	54.4	43.6
05:15 AM - 05:20 AM	43.8	52.7	41.9
05:20 AM - 05:25 AM	62.8	67.5	41.1
05:25 AM - 05:30 AM	65.2	67.0	49.5
05:30 AM - 05:35 AM	43.6	56.2	40.5
05:35 AM - 05:40 AM	42.6	48.7	40.9
05:40 AM - 05:45 AM	45.0	58.3	41.3
05:45 AM - 05:50 AM	45.5	58.3	41.5
05:50 AM - 05:55 AM	44.5	53.6	42.3
05:55 AM - 06:00 AM	45.3	55.4	43.2
06:00 AM - 07:00 AM	47.4	62.3	44.8
07:00 AM - 08:00 AM	49.8	68.7	46.6
08:00 AM - 09:00 AM	44.4	65.1	41.7
09:00 AM - 10:00 AM	41.4	58.9	38.5

Reference Method : Based on ISO 1996-1 and ISO 1996-2

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Analysis / Test Report

TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O : อัญญา
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22133750
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report No. : 2518921-1

Page 2 of 3

Sample No. 22133750-28
Parameter Noise
Location จักรยานยนต์ N4 (ท่ารถจักรยานยนต์ถนนโรจนา) (GPS 47P 0727141, 1406790) (Shut down)
Measurement Date Dec 02 - 03, 2022
Measurement by Santi Chaichana
Sound Level Meter 00472130

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:20 AM - 12:25 AM	51.3	72.4	40.4
12:25 AM - 12:30 AM	46.9	64.6	40.1
12:30 AM - 12:35 AM	45.8	48.1	40.0
12:35 AM - 12:40 AM	41.0	52.6	37.6
12:40 AM - 12:45 AM	39.6	45.8	38.6
12:45 AM - 12:50 AM	51.2	68.2	38.8
12:50 AM - 12:55 AM	51.6	65.9	40.2
12:55 AM - 01:00 AM	52.5	69.1	40.3
01:00 AM - 01:05 AM	46.5	63.5	40.1
01:05 AM - 01:10 AM	43.3	56.0	40.0
01:10 AM - 01:15 AM	47.0	62.3	40.6
01:15 AM - 01:20 AM	44.0	61.6	39.8
01:20 AM - 01:25 AM	43.9	55.9	40.5
01:25 AM - 01:30 AM	42.6	47.1	41.0
01:30 AM - 01:35 AM	43.7	54.3	41.3
01:35 AM - 01:40 AM	42.9	54.6	41.0
01:40 AM - 01:45 AM	42.3	52.8	39.6
01:45 AM - 01:50 AM	41.3	49.3	39.2
01:50 AM - 01:55 AM	60.1	72.9	39.6
01:55 AM - 02:00 AM	56.8	69.8	51.4
02:00 AM - 02:05 AM	42.7	52.7	39.1
02:05 AM - 02:10 AM	42.4	50.7	39.3
02:10 AM - 02:15 AM	40.2	45.2	39.4
02:15 AM - 02:20 AM	40.6	47.6	39.1
02:20 AM - 02:25 AM	40.0	44.6	38.8
02:25 AM - 02:30 AM	43.5	57.0	40.9
02:30 AM - 02:35 AM	47.9	65.8	38.9
02:35 AM - 02:40 AM	40.3	50.4	38.9
02:40 AM - 02:45 AM	40.1	47.2	38.5
02:45 AM - 02:50 AM	40.3	52.4	38.8
02:50 AM - 02:55 AM	39.1	42.3	38.4
02:55 AM - 03:00 AM	40.4	48.8	37.8
03:00 AM - 03:05 AM	38.7	46.9	37.5
03:05 AM - 03:10 AM	38.9	44.5	37.9
03:10 AM - 03:15 AM	47.9	55.7	37.8
03:15 AM - 03:20 AM	42.6	55.1	38.2
03:20 AM - 03:25 AM	43.2	50.4	38.4
03:25 AM - 03:30 AM	42.8	56.7	39.0
03:30 AM - 03:35 AM	41.6	57.3	37.9
03:35 AM - 03:40 AM	41.3	52.6	38.2

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Analysis / Test Report

TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O : อัญญา
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22133750
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report No. : 2518921-1

Page 1 of 3

Sample No. 22133750-28
Parameter Noise
Location จักรยานยนต์ N4 (ท่ารถจักรยานยนต์ถนนโรจนา) (GPS 47P 0727141, 1406790) (Shut down)
Measurement Date Dec 02 - 03, 2022
Measurement by Santi Chaichana
Sound Level Meter 00472130

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	41.0	57.2	37.6
11:00 AM - 12:00 PM	40.9	55.0	37.7
12:00 PM - 01:00 PM	43.3	60.1	37.9
01:00 PM - 02:00 PM	41.3	57.1	38.0
02:00 PM - 03:00 PM	41.1	54.6	38.3
03:00 PM - 04:00 PM	42.6	64.8	40.0
04:00 PM - 05:00 PM	40.8	55.4	39.4
05:00 PM - 06:00 PM	43.1	62.7	41.5
06:00 PM - 07:00 PM	45.5	60.5	43.7
07:00 PM - 08:00 PM	45.7	61.7	43.6
08:00 PM - 09:00 PM	44.4	59.0	41.9
09:00 PM - 10:00 PM	42.5	64.7	40.4
10:00 PM - 10:05 PM	47.1	64.1	40.8
10:05 PM - 10:10 PM	43.4	58.0	40.2
10:10 PM - 10:15 PM	41.5	49.3	39.7
10:15 PM - 10:20 PM	40.1	47.1	38.8
10:20 PM - 10:25 PM	41.3	54.0	38.5
10:25 PM - 10:30 PM	40.8	51.8	38.4
10:30 PM - 10:35 PM	41.5	57.0	38.6
10:35 PM - 10:40 PM	45.5	56.9	39.4
10:40 PM - 10:45 PM	41.4	47.1	39.8
10:45 PM - 10:50 PM	43.2	51.4	40.0
10:50 PM - 10:55 PM	41.2	53.4	39.2
10:55 PM - 11:00 PM	40.8	48.0	39.5
11:00 PM - 11:05 PM	41.4	49.6	40.1
11:05 PM - 11:10 PM	43.4	51.9	40.5
11:10 PM - 11:15 PM	42.1	51.2	39.7
11:15 PM - 11:20 PM	41.2	49.1	39.8
11:20 PM - 11:25 PM	40.8	48.3	39.5
11:25 PM - 11:30 PM	43.0	57.1	40.5
11:30 PM - 11:35 PM	45.3	59.2	40.8
11:35 PM - 11:40 PM	45.5	56.5	40.4
11:40 PM - 11:45 PM	46.9	59.6	40.6
11:45 PM - 11:50 PM	45.3	59.5	40.2
11:50 PM - 11:55 PM	44.9	58.6	40.2
11:55 PM - 12:00 AM	47.5	59.4	40.9
12:00 AM - 12:05 AM	45.8	59.7	41.4
12:05 AM - 12:10 AM	46.7	62.6	41.4
12:10 AM - 12:15 AM	44.4	59.5	41.0
12:15 AM - 12:20 AM	47.4	58.2	40.6

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Analysis / Test Report

TESTING
No.0042

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O : อัญญา
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22133750
Date Received : Dec 06, 2022
Date Reported : Dec 15, 2022
Report No. : 2518921-1

Page 3 of 3

Sample No. 22133750-28
Parameter Noise
Location จักรยานยนต์ N4 (ท่ารถจักรยานยนต์ถนนโรจนา) (GPS 47P 0727141, 1406790) (Shut down)
Measurement Date Dec 02 - 03, 2022
Measurement by Santi Chaichana
Sound Level Meter 00472130

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:40 AM - 03:45 AM	40.8	49.9	38.0
03:45 AM - 03:50 AM	41.8	55.2	38.1
03:50 AM - 03:55 AM	40.6	52.8	38.3
03:55 AM - 04:00 AM	40.5	55.8	37.6
04:00 AM - 04:05 AM	38.2	47.5	37.0
04:05 AM - 04:10 AM	39.5	47.8	37.7
04:10 AM - 04:15 AM	40.7	51.1	37.9
04:15 AM - 04:20 AM	39.6	50.3	37.3
04:20 AM - 04:25 AM	43.4	52.8	38.2
04:25 AM - 04:30 AM	42.0	51.0	38.5
04:30 AM - 04:35 AM	41.9	51.7	37.5
04:35 AM - 04:40 AM	43.3	57.2	39.3
04:40 AM - 04:45 AM	40.9	55.3	37.7
04:45 AM - 04:50 AM	40.8	52.9	38.2
04:50 AM - 04:55 AM	53.0	71.0	37.7
04:55 AM - 05:00 AM	53.4	70.2	38.7
05:00 AM - 05:05 AM	42.6	55.9	38.4
05:05 AM - 05:10 AM	44.9	54.8	40.0
05:10 AM - 05:15 AM	43.9	55.9	39.5
05:15 AM - 05:20 AM	43.7	59.3	39.1
05:20 AM - 05:25 AM	43.4	53.3	40.0
05:25 AM - 05:30 AM	46.7	59.4	41.0
05:30 AM - 05:35 AM	43.7	56.4	40.0
05:35 AM - 05:40 AM	42.6	52.4	40.5
05:40 AM - 05:45 AM	45.8	57.9	40.8
05:45 AM - 05:50 AM	50.8	67.4	42.2
05:50 AM - 05:55 AM	46.3	58.3	41.3
05:55 AM - 06:00 AM	43.8	59.3	40.7
06:00 AM - 07:00 AM	46.8	65.4	43.3
07:00 AM - 08:00 AM	47.9	65.8	45.2
08:00 AM - 09:00 AM	46.8	68.5	43.6
09:00 AM - 10:00 AM	44.3	64.6	41.2

Reference Method : Based on ISO 1996-1 and ISO 1996-2

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คุณภาพน้ำผิวดิน



Analysis / Test Report



TESTING
No.0042

Lot ID: 22100489

Date Received : Sep 19, 2022

Date Reported : Sep 27, 2022

Report Number : 2404997-1

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : สัตตยากร

Project Name : Project AIE Rayong

Project Location :

Sample Number	22100489-1
Sampled Date	Sep 19, 2022 10:26 AM
Sample Description	Surface Water
Location	W1 (คลองสามกอนไหลผ่านจุดระบายน้ำทิ้งของโครงการ 500 เมตร)
Date Analysis Commenced	Sep 19, 2022
Condition of Sample	Contained in one BOD bottle, two glass vials and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Page 1 of 15

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
[A] Arsenic	mg/L	0.0003	0.0005	0.008	≤0.01	Based on APHA (2017), 3125	Bangkok
[A] Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.005	Based on APHA (2017), 3125	Bangkok
[A] Copper	mg/L	0.0003	0.0005	<0.0005	≤0.1	Based on APHA (2017), 3125	Bangkok
[A] Hexavalent Chromium	mg/L	0.003	0.01	Not Detected	≤0.05	Based on APHA (2017), 3500-Cr (B)	Bangkok
[A] Lead	mg/L	0.0003	0.0005	Not Detected	≤0.05	Based on APHA (2017), 3125	Bangkok
[A] Manganese	mg/L	0.0003	0.0005	3.28	≤1	Based on APHA (2017), 3125	Bangkok
[A] Mercury	mg/L	0.0001	0.0005	Not Detected	≤0.002	Based on US EPA, Method 1631 Revision E	Bangkok
[A] Nickel	mg/L	0.0003	0.0005	0.0005	≤0.1	Based on APHA (2017), 3125	Bangkok
[A] Zinc	mg/L	0.003	0.005	0.008	≤1	Based on APHA (2017), 3125	Bangkok
Microbiological Testing							
[A] Total Coliform	MPN/100mL	-	-	790.0	No Standard	APHA (2017), 9221 B	Bangkok
Water Testing							
Ammonia Nitrogen *	mg/L	0.02	0.05	0.24	≤0.5	Based on APHA (2017), 4500-NH ₃ F	Rayong
BOD (5 days at 20 Degree C) *	mg/L	-	2	<2	≤4	APHA (2017), 5210 B	Rayong
Cyanide as CN	mg/L	0.001	0.005	Not Detected	≤0.005	Based on APHA (2017), 4500-CN(C), (E)	Rayong
Dissolved Oxygen *	mg/L	-	0.1	6.1	≥2	Based on APHA (2017), 4500-O(C)	Rayong
Flow rate *	m ³ /s	-	-	0.349	No Standard	Flow meter	Rayong
Nitrate as N *	mg/L	0.015	0.05	0.06	≤5	Based on APHA (2017), 4500-NO ₃ (E)	Rayong
pH (on site) *	-	-	-	8.5	No Standard	Based on APHA (2017), 4500-H (B)	Rayong
Phenol *	mg/L	0.0005	0.001	Not Detected	≤0.005	APHA (2017), 5530 D	Rayong

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N. Banachkit

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Analysis / Test Report



TESTING
No.0042

Lot ID: 22100489

Date Received : Sep 19, 2022

Date Reported : Sep 27, 2022

Report Number : 2404997-1

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : สัตตยากร

Project Name : Project AIE Rayong

Project Location :

Sample Number	22100489-1
Sampled Date	Sep 19, 2022 10:26 AM
Sample Description	Surface Water
Location	W1 (คลองสามกอนไหลผ่านจุดระบายน้ำทิ้งของโครงการ 500 เมตร)
Date Analysis Commenced	Sep 19, 2022
Condition of Sample	Contained in one BOD bottle, two glass vials and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Page 2 of 15

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Temperature *	Degree C	-	-	27.3	n'	Based on APHA (2017), 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	144	No Standard	APHA (2017), 2540 C	Rayong
Turbidity *	NTU	-	0.1	40.0	No Standard	Based on APHA (2017), 2130 B	Rayong

Guideline : Notification of the National Environmental Board, No. 8, B.E.2537 issued under the Enhancement and Conservation of National Environmental Quality Act. B.E.2535, published in the Royal Government Gazette, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 4)

n': Change from Natural condition not more than 3 degree C

Sampled By : Paramet Sattayakun , Samart Khumphilee

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.
- [A] Analysis conducted by ALS Laboratory Group (Thailand) Co., Ltd. Bangkok Branch, DSS Accreditation No. 0009.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Approved by

N. Banachkit

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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : สมฤทธาจารย์

Project Name : Project AIE Rayong

Project Location :

Sample Number 22100489-2
Sampled Date Sep 19, 2022 10:45 AM
Sample Description Surface Water
Location W2 (คลองสามบริเวณจุดระบายน้ำทิ้งของโครงการ)
Date Analysis Commenced Sep 19, 2022
Condition of Sample Contained in one BOD bottle, two glass vials and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
^[A] Arsenic	mg/L	0.0003	0.0005	0.008	≤0.01	Based on APHA (2017), 3125	Bangkok
^[A] Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.005	Based on APHA (2017), 3125	Bangkok
^[A] Copper	mg/L	0.0003	0.0005	0.0005	≤0.1	Based on APHA (2017), 3125	Bangkok
^[A] Hexavalent Chromium	mg/L	0.003	0.01	Not Detected	≤0.05	Based on APHA (2017), 3500-Cr (B)	Bangkok
^[A] Lead	mg/L	0.0003	0.0005	Not Detected	≤0.05	Based on APHA (2017), 3125	Bangkok
^[A] Manganese	mg/L	0.0003	0.0005	3.16	≤1	Based on APHA (2017), 3125	Bangkok
^[A] Mercury	mg/L	0.0001	0.0005	Not Detected	≤0.002	Based on US EPA, Method 1631 Revision E	Bangkok
^[A] Nickel	mg/L	0.0003	0.0005	<0.0005	≤0.1	Based on APHA (2017), 3125	Bangkok
^[A] Zinc	mg/L	0.003	0.005	0.009	≤1	Based on APHA (2017), 3125	Bangkok
Microbiological Testing							
^[A] Total Coliform	MPN/100mL	-	-	1400.0	No Standard	APHA (2017), 9221 B	Bangkok
Water Testing							
Ammonia Nitrogen *	mg/L	0.02	0.05	0.28	≤0.5	Based on APHA (2017), 4500-NH ₃ F	Rayong
BOD (5 days at 20 Degree C) *	mg/L	-	2	<2	≤4	APHA (2017), 5210 B	Rayong
Cyanide as CN	mg/L	0.001	0.005	Not Detected	≤0.005	Based on APHA (2017), 4500-CN(C), (E)	Rayong
Dissolved Oxygen *	mg/L	-	0.1	6.6	≥2	Based on APHA (2017), 4500-O(C)	Rayong
Flow rate *	m ³ /s	-	-	0.112	No Standard	Flow meter	Rayong
Nitrate as N *	mg/L	0.015	0.05	<0.05	≤5	Based on APHA (2017), 4500-NO ₃ (E)	Rayong
pH (on site) *	-	-	-	8.6	No Standard	Based on APHA (2017), 4500-H (B)	Rayong
Phenol *	mg/L	0.0005	0.001	Not Detected	≤0.005	APHA (2017), 5530 D	Rayong

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TESTING
No.0042
Lot ID: 22100489

Date Received : Sep 19, 2022
Date Reported : Sep 27, 2022
Report Number : 2404997-1

Page 3 of 15



Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : สมฤทธาจารย์

Project Name : Project AIE Rayong

Project Location :

Sample Number 22100489-2
Sampled Date Sep 19, 2022 10:45 AM
Sample Description Surface Water
Location W2 (คลองสามบริเวณจุดระบายน้ำทิ้งของโครงการ)
Date Analysis Commenced Sep 19, 2022
Condition of Sample Contained in one BOD bottle, two glass vials and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Temperature *	Degree C	-	-	27.7	n ¹	Based on APHA (2017), 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	178	No Standard	APHA (2017), 2540 C	Rayong
Turbidity *	NTU	-	0.1	40.0	No Standard	Based on APHA (2017), 2130 B	Rayong

Guideline : Notification of the National Environmental Board, No. 8, B.E.2537 issued under the Enhancement and Conservation of National Environmental Quality Act. B.E.2535, published in the Royal Government Gazette, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 4)

n¹: Change from Natural condition not more than 3 degree C

Sampled By : Paramet Sattayakun , Samart Khumphlee

Remark :

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

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : ผู้ดูแลจ้าง

Project Name : Project AIE Rayong

Project Location :



TESTING

No.0042

Lot ID: 22100489

Date Received : Sep 19, 2022

Date Reported : Sep 27, 2022

Report Number : 2404997-1

Page 5 of 15

Sample Number	22100489-3					
Sampled Date	Sep 19, 2022 11:05 AM					
Sample Description	Surface Water					
Location	W3 (คลองสามหลังไหลผ่านจุดระบายน้ำทั้งโครงการ 500 เมตร)					
Date Analysis Commenced	Sep 19, 2022					
Condition of Sample	Contained in one BOD bottle, two glass vials and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)					

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
^[A] Arsenic	mg/L	0.0003	0.0005	0.006	≤0.01	Based on APHA (2017), 3125	Bangkok
^[A] Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.005	Based on APHA (2017), 3125	Bangkok
^[A] Copper	mg/L	0.0003	0.0005	0.001	≤0.1	Based on APHA (2017), 3125	Bangkok
^[A] Hexavalent Chromium	mg/L	0.003	0.01	Not Detected	≤0.05	Based on APHA (2017), 3500-Cr (B)	Bangkok
^[A] Lead	mg/L	0.0003	0.0005	<0.0005	≤0.05	Based on APHA (2017), 3125	Bangkok
^[A] Manganese	mg/L	0.0003	0.0005	1.60	≤1	Based on APHA (2017), 3125	Bangkok
^[A] Mercury	mg/L	0.0001	0.0005	Not Detected	≤0.002	Based on US EPA, Method 1631 Revision E	Bangkok
^[A] Nickel	mg/L	0.0003	0.0005	0.004	≤0.1	Based on APHA (2017), 3125	Bangkok
^[A] Zinc	mg/L	0.003	0.005	0.05	≤1	Based on APHA (2017), 3125	Bangkok
Microbiological Testing							
^[A] Total Coliform	MPN/100mL	-	-	33000.0	No Standard	APHA (2017), 9221 B	Bangkok
Water Testing							
Ammonia Nitrogen *	mg/L	0.02	0.05	0.45	≤0.5	Based on APHA (2017), 4500-NH ₃ F	Rayong
BOD (5 days at 20 Degree C) *	mg/L	-	2	<2	≤4	APHA (2017), 5210 B	Rayong
Cyanide as CN	mg/L	0.001	0.005	<0.005	≤0.005	Based on APHA (2017), 4500-CN(C), (E)	Rayong
Dissolved Oxygen *	mg/L	-	0.1	7.2	≥2	Based on APHA (2017), 4500-O(C)	Rayong
Flow rate *	m ³ /s	-	-	0.076	No Standard	Flow meter	Rayong
Nitrate as N *	mg/L	0.015	0.05	0.86	≤5	Based on APHA (2017), 4500-NO ₃ (E)	Rayong
pH (on site) *	-	-	-	7.6	No Standard	Based on APHA (2017), 4500-H (B)	Rayong
Phenol *	mg/L	0.0005	0.001	Not Detected	≤0.005	APHA (2017), 5530 D	Rayong

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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : ผู้ดูแลจ้าง

Project Name : Project AIE Rayong

Project Location :



TESTING

No.0042

Lot ID: 22100489

Date Received : Sep 19, 2022

Date Reported : Sep 27, 2022

Report Number : 2404997-1

Page 6 of 15

Sample Number	22100489-3					
Sampled Date	Sep 19, 2022 11:05 AM					
Sample Description	Surface Water					
Location	W3 (คลองสามหลังไหลผ่านจุดระบายน้ำทั้งโครงการ 500 เมตร)					
Date Analysis Commenced	Sep 19, 2022					
Condition of Sample	Contained in one BOD bottle, two glass vials and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)					

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Temperature *	Degree C	-	-	29.1	n'	Based on APHA (2017), 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	1024	No Standard	APHA (2017), 2540 C	Rayong
Turbidity *	NTU	-	0.1	26.0	No Standard	Based on APHA (2017), 2130 B	Rayong

Guideline : Notification of the National Environmental Board, No. 8, B.E.2537 issued under the Enhancement and Conservation of National Environmental Quality Act. B.E.2535, published in the Royal Government Gazette, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 4)
n': Change from Natural condition not more than 3 degree C

Sampled By : Paramet Sattayakun , Samart Khumphlee

Remark :

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



TESTING
No.0042

Lot ID: 22100489

Date Received : Sep 19, 2022

Date Reported : Sep 27, 2022

Report Number : 2404997-1

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok

Thailand 10500

P/O : ผู้ดูแลงาน

Project Name : Project AIE Rayong

Project Location :

Sample Number	22100489-4
Sampled Date	Sep 19, 2022 11:21 AM
Sample Description	Surface Water
Location	W5.2 (คลองบางกระทู้บริเวณจุดระบายน้ำฝั่งเดิม)
Date Analysis Commenced	Sep 19, 2022
Condition of Sample	Contained in one BOD bottle, two glass vials and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
^[A] Arsenic	mg/L	0.0003	0.0005	0.005	≤0.01	Based on APHA (2017), 3125	Bangkok
^[A] Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.005	Based on APHA (2017), 3125	Bangkok
^[A] Copper	mg/L	0.0003	0.0005	0.004	≤0.1	Based on APHA (2017), 3125	Bangkok
^[A] Hexavalent Chromium	mg/L	0.003	0.01	<0.01	≤0.05	Based on APHA (2017), 3500-Cr (B)	Bangkok
^[A] Lead	mg/L	0.0003	0.0005	<0.0005	≤0.05	Based on APHA (2017), 3125	Bangkok
^[A] Manganese	mg/L	0.0003	0.0005	1.00	≤1	Based on APHA (2017), 3125	Bangkok
^[A] Mercury	mg/L	0.0001	0.0005	Not Detected	≤0.002	Based on US EPA, Method 1631 Revision E	Bangkok
^[A] Nickel	mg/L	0.0003	0.0005	0.003	≤0.1	Based on APHA (2017), 3125	Bangkok
^[A] Zinc	mg/L	0.003	0.005	0.06	≤1	Based on APHA (2017), 3125	Bangkok
Microbiological Testing							
^[A] Total Coliform	MPN/100mL	-	-	7000.0	No Standard	APHA (2017), 9221 B	Bangkok
Water Testing							
Ammonia Nitrogen *	mg/L	0.02	0.05	0.23	≤0.5	Based on APHA (2017), 4500-NH3 F	Rayong
BOD (5 days at 20 Degree C) *	mg/L	-	2	<2	≤4	APHA (2017), 5210 B	Rayong
Cyanide as CN	mg/L	0.001	0.005	Not Detected	≤0.005	Based on APHA (2017), 4500-CN(C), (E)	Rayong
Dissolved Oxygen *	mg/L	-	0.1	6.4	≥2	Based on APHA (2017), 4500-O(C)	Rayong
Flow rate *	m3/s	-	-	0.455	No Standard	Flow meter	Rayong
Nitrate as N *	mg/L	0.015	0.05	0.35	≤5	Based on APHA (2017), 4500-NO3(E)	Rayong
pH (on site) *	-	-	-	8.2	No Standard	Based on APHA (2017), 4500-H (B)	Rayong
Phenol *	mg/L	0.0005	0.001	Not Detected	≤0.005	APHA (2017), 5530 D	Rayong

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N. Banchoangkit

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Analysis / Test Report



TESTING
No.0042

Lot ID: 22100489

Date Received : Sep 19, 2022

Date Reported : Sep 27, 2022

Report Number : 2404997-1

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok

Thailand 10500

P/O : ผู้ดูแลงาน

Project Name : Project AIE Rayong

Project Location :

Sample Number	22100489-4
Sampled Date	Sep 19, 2022 11:21 AM
Sample Description	Surface Water
Location	W5.2 (คลองบางกระทู้บริเวณจุดระบายน้ำฝั่งเดิม)
Date Analysis Commenced	Sep 19, 2022
Condition of Sample	Contained in one BOD bottle, two glass vials and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Temperature *	Degree C	-	-	28.7	n'	Based on APHA (2017), 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	202	No Standard	APHA (2017), 2540 C	Rayong
Turbidity *	NTU	-	0.1	31.0	No Standard	Based on APHA (2017), 2130 B	Rayong

Guideline : Notification of the National Environmental Board, No. 8, B.E.2537 issued under the Enhancement and Conservation of National Environmental Quality Act. B.E.2535, published in the Royal Government Gazette, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 4)

n': Change from Natural condition not more than 3 degree C

Sampled By : Paramet Sattayakun , Samart Khumphlee

Remark :

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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
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Thailand 10500
P/O : สัตย์สุภากร
Project Name : Project AIE Rayong
Project Location :



TESTING
No.0042

Lot ID: 22100489
Date Received : Sep 19, 2022
Date Reported : Sep 27, 2022
Report Number : 2404997-1

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Sample Number	22100489-5						
Sampled Date	Sep 19, 2022 2:26 PM						
Sample Description	Surface Water						
Location	W4 (คลองสองบริเวณสะพานบ้านเนินโป่ง)						
Date Analysis Commenced	Sep 20, 2022						
Condition of Sample	Contained in two glass vials and two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
^[A] Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.005	Based on APHA (2017), 3125	Bangkok
^[A] Lead	mg/L	0.0003	0.0005	0.002	≤0.05	Based on APHA (2017), 3125	Bangkok
^[A] Mercury	mg/L	0.0001	0.0005	Not Detected	≤0.002	Based on US EPA, Method 1631 Revision E	Bangkok
Water Testing							
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	188	No Standard	APHA (2017), 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C *	mg/L	-	5	33	No Standard	APHA (2017), 2540 D	Rayong

Guideline : Notification of the National Environmental Board, No. 8, B.E.2537 issued under the Enhancement and Conservation of National Environmental Quality Act. B.E.2535, published in the Royal Government Gazette, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 4)
n: Change from Natural condition not more than 3 degree C
Sampled By : Paramet Sattayakun , Samart Khumphlee

Remark :

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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- Analyte(s) marked * is/are not included in scope of Accreditation ISO/IEC 17025.
- [A] Analysis conducted by ALS Laboratory Group (Thailand) Co.,Ltd. Bangkok Branch, DSS Accreditation No. 0009.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Approved by

N. Banphit

Narumon Banchongkit
Supervisor

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1337-32/EMAIL



Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O : สัตย์สุภากร
Project Name : Project AIE Rayong
Project Location :



TESTING
No.0042

Lot ID: 22100489
Date Received : Sep 19, 2022
Date Reported : Sep 27, 2022
Report Number : 2404997-1

Page 10 of 15

Sample Number	22100489-6						
Sampled Date	Sep 19, 2022 2:58 PM						
Sample Description	Surface Water						
Location	W5.1 (คลองบางกระพูน บริเวณสะพานข้างถนนมิตรประชา)						
Date Analysis Commenced	Sep 20, 2022						
Condition of Sample	Contained in two glass vials and two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
^[A] Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.005	Based on APHA (2017), 3125	Bangkok
^[A] Lead	mg/L	0.0003	0.0005	0.0006	≤0.05	Based on APHA (2017), 3125	Bangkok
^[A] Mercury	mg/L	0.0001	0.0005	Not Detected	≤0.002	Based on US EPA, Method 1631 Revision E	Bangkok
Water Testing							
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	226	No Standard	APHA (2017), 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C *	mg/L	-	5	13	No Standard	APHA (2017), 2540 D	Rayong

Guideline : Notification of the National Environmental Board, No. 8, B.E.2537 issued under the Enhancement and Conservation of National Environmental Quality Act. B.E.2535, published in the Royal Government Gazette, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 4)
n: Change from Natural condition not more than 3 degree C
Sampled By : Paramet Sattayakun , Samart Khumphlee

Remark :

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N. Banphit

Narumon Banchongkit
Supervisor

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Analysis / Test Report

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49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O : ฝ่ายโรงงาน
Project Name : Project AIE Rayong
Project Location :



TESTING
No.0042
Lot ID: 22100489
Date Received : Sep 19, 2022
Date Reported : Sep 27, 2022
Report Number : 2404997-1

Page 11 of 15

Sample Number	22100489-7						
Sampled Date	Sep 19, 2022 2:01 PM						
Sample Description	Surface Water						
Location	W6 (บริเวณที่คลองสอง คลองสามและคลองบางกระพูนไหลมารวมกัน)						
Date Analysis Commenced	Sep 20, 2022						
Condition of Sample	Contained in two glass vials and two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
^(A) Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.005	Based on APHA (2017), 3125	Bangkok
^(A) Lead	mg/L	0.0003	0.0005	0.002	≤0.05	Based on APHA (2017), 3125	Bangkok
^(A) Mercury	mg/L	0.0001	0.0005	Not Detected	≤0.002	Based on US EPA, Method 1631 Revision E	Bangkok
Water Testing							
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	302	No Standard	APHA (2017), 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C *	mg/L	-	5	37	No Standard	APHA (2017), 2540 D	Rayong

Guideline : Notification of the National Environmental Board, No. 8, B.E.2537 issued under the Enhancement and Conservation of National Environmental Quality Act. B.E.2535, published in the Royal Government Gazette, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 4)
n: Change from Natural condition not more than 3 degree C
Sampled By : Paramet Sattayakun , Samart Khumphlee

Remark :
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Approved by

N. Banphit

Narumon Banchongkit
Supervisor

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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
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Thailand 10500
P/O : ฝ่ายโรงงาน
Project Name : Project AIE Rayong
Project Location :



TESTING
No.0042
Lot ID: 22100489
Date Received : Sep 19, 2022
Date Reported : Sep 27, 2022
Report Number : 2404997-1

Page 12 of 15

Sample Number	22100489-8						
Sampled Date	Sep 19, 2022 2:07 PM						
Sample Description	Surface Water						
Location	W7.1 (บริเวณปากคลองหนึ่ง)						
Date Analysis Commenced	Sep 20, 2022						
Condition of Sample	Contained in two glass vials and two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
^(A) Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.005	Based on APHA (2017), 3125	Bangkok
^(A) Lead	mg/L	0.0003	0.0005	0.002	≤0.05	Based on APHA (2017), 3125	Bangkok
^(A) Mercury	mg/L	0.0001	0.0005	Not Detected	≤0.002	Based on US EPA, Method 1631 Revision E	Bangkok
Water Testing							
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	182	No Standard	APHA (2017), 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C *	mg/L	-	5	30	No Standard	APHA (2017), 2540 D	Rayong

Guideline : Notification of the National Environmental Board, No. 8, B.E.2537 issued under the Enhancement and Conservation of National Environmental Quality Act. B.E.2535, published in the Royal Government Gazette, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 4)
n: Change from Natural condition not more than 3 degree C
Sampled By : Paramet Sattayakun , Samart Khumphlee

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Narumon Banchongkit
Supervisor

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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : สฤญดาจรัส

Project Name : Project AIE Rayong

Project Location :



TESTING
No.0042

Lot ID: 22100489

Date Received : Sep 19, 2022

Date Reported : Sep 27, 2022

Report Number : 2404997-1

Page 13 of 15

Sample Number	22100489-9						
Sampled Date	Sep 19, 2022 1:53 PM						
Sample Description	Surface Water						
Location	W7.2 (คลองบางกระบือ)						
Date Analysis Commenced	Sep 20, 2022						
Condition of Sample	Contained in two glass vials and two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
^[A] Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.005	Based on APHA (2017), 3125	Bangkok
^[A] Lead	mg/L	0.0003	0.0005	0.001	≤0.05	Based on APHA (2017), 3125	Bangkok
^[A] Mercury	mg/L	0.0001	0.0005	Not Detected	≤0.002	Based on US EPA, Method 1631 Revision E	Bangkok
Water Testing							
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	1480	No Standard	APHA (2017), 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C *	mg/L	-	5	36	No Standard	APHA (2017), 2540 D	Rayong

Guideline : Notification of the National Environmental Board, No. 8, B.E.2537 issued under the Enhancement and Conservation of National Environmental Quality Act, B.E.2535, published in the Royal Government Gazette, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 4)

n: Change from Natural condition not more than 3 degree C

Sampled By : Paramet Sattayakun , Samart Khumphlee

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N. Banthongkit

Narumon Banchongkit
Supervisor

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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : สฤญดาจรัส

Project Name : Project AIE Rayong

Project Location :



TESTING
No.0042

Lot ID: 22100489

Date Received : Sep 19, 2022

Date Reported : Sep 27, 2022

Report Number : 2404997-1

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Sample Number	22100489-10						
Sampled Date	Sep 19, 2022 11:52 AM						
Sample Description	Surface Water						
Location	W7.3 (คลองบางกระบือ)						
Date Analysis Commenced	Sep 20, 2022						
Condition of Sample	Contained in two glass vials and two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
^[A] Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.005	Based on APHA (2017), 3125	Bangkok
^[A] Lead	mg/L	0.0003	0.0005	Not Detected	≤0.05	Based on APHA (2017), 3125	Bangkok
^[A] Mercury	mg/L	0.0001	0.0005	Not Detected	≤0.002	Based on US EPA, Method 1631 Revision E	Bangkok
Water Testing							
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	8360	No Standard	APHA (2017), 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C *	mg/L	-	5	10	No Standard	APHA (2017), 2540 D	Rayong

Guideline : Notification of the National Environmental Board, No. 8, B.E.2537 issued under the Enhancement and Conservation of National Environmental Quality Act, B.E.2535, published in the Royal Government Gazette, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 4)

n: Change from Natural condition not more than 3 degree C

Sampled By : Paramet Sattayakun , Samart Khumphlee

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Approved by

N. Banthongkit

Narumon Banchongkit
Supervisor

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Analysis / Test Report



TESTING
No.0042

Lot ID: 22100489

Date Received : Sep 19, 2022

Date Reported : Sep 27, 2022

Report Number : 2404997-1

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok

Thailand 10500

P/O : สัตตยากร

Project Name : Project AIE Rayong

Project Location :

Sample Number	22100489-11
Sampled Date	Sep 19, 2022 11:42 AM
Sample Description	Surface Water
Location	W7.4 (เหนือจุดปล่อยน้ำทิ้งประมาณ 100 เมตรในรางระบายน้ำเดิมฯ ผาแดง)
Date Analysis Commenced	Sep 20, 2022
Condition of Sample	Contained in two glass vials and two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
^(A) Cadmium	mg/L	0.0003	0.0005	<0.0005	≤0.005	Based on APHA (2017), 3125	Bangkok
^(A) Lead	mg/L	0.0003	0.0005	<0.0005	≤0.05	Based on APHA (2017), 3125	Bangkok
^(A) Mercury	mg/L	0.0001	0.0005	Not Detected	≤0.002	Based on US EPA, Method 1631 Revision E	Bangkok
Water Testing							
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	4760	No Standard	APHA (2017), 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C *	mg/L	-	5	13	No Standard	APHA (2017), 2540 D	Rayong

Guideline : Notification of the National Environmental Board, No. 8, B.E.2537 issued under the Enhancement and Conservation of National Environmental Quality Act. B.E.2535, published in the Royal Government Gazette, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 4)

n: Change from Natural condition not more than 3 degree C

Sampled By : Paramet Sattayakun , Samart Khumphlee

Remark :

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N. Banongkit

Narumon Banchongkit
Supervisor

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Analysis / Test Report



TESTING
No.0042

Lot ID: 22136583

Date Received : Dec 19, 2022

Date Reported : Feb 13, 2023

Report Number : 2567483-1

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok

Thailand 10500

P/O : สัตตยากร

Project Name : Project AIE Rayong

Project Location :

Sample Number	22136583-1
Sampled Date	Dec 19, 2022 10:10 AM
Sample Description	Surface Water
Location	W1 (คลองสามกอนไหลผ่านจุดระบายน้ำทิ้งของโครงการ 500 เมตร)
Date Analysis Commenced	Dec 19, 2022
Condition of Sample	Contained in two glass vials, one BOD bottle and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
^(A) Arsenic	mg/L	0.0003	0.0005	0.01	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
^(A) Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
^(A) Copper	mg/L	0.0003	0.0005	Not Detected	≤0.1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
^(A) Hexavalent Chromium	mg/L	0.003	0.01	Not Detected	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3500-Cr B	Bangkok
^(A) Lead	mg/L	0.0003	0.0005	Not Detected	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
^(A) Manganese	mg/L	0.0003	0.0005	2.29	≤1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
^(A) Mercury	mg/L	0.0001	0.0005	Not Detected	≤0.002	In-house method : STM 05-007 based on United States Environmental Protection Agency, 2002, EPA Method 1631, Revision E	Bangkok
^(A) Nickel	mg/L	0.0003	0.0005	<0.0005	≤0.1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok

Approved by

N. Banongkit

Narumon Banchongkit
Supervisor

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Analysis / Test Report



TESTING
No.0042

Lot ID: 22136583

Date Received : Dec 19, 2022

Date Reported : Feb 13, 2023

Report Number : 2567483-1

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : สัตตยาจารย์

Project Name : Project AIE Rayong

Project Location :

Sample Number	22136583-1
Sampled Date	Dec 19, 2022 10:10 AM
Sample Description	Surface Water
Location	W1 (คลองสามกอนไหลผ่านจุดระบายน้ำทิ้งของโครงการ 500 เมตร)
Date Analysis Commenced	Dec 19, 2022
Condition of Sample	Contained in two glass vials, one BOD bottle and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
^[A] Zinc	mg/L	0.003	0.005	0.01	≤1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Microbiological Testing							
^[A] Total Coliform	MPN/100mL	-	-	33000.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B	Bangkok
Water Testing							
Ammonia Nitrogen *	mg/L	0.02	0.05	0.79	≤0.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-NH3 (D)	Rayong
Cyanide as CN	mg/L	0.001	0.005	Not Detected	≤0.005	In-house method : STM 02-003 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - CN (C, E)	Rayong
Dissolved Oxygen *	mg/L	-	0.1	6.0	≥2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (C)	Rayong
Flow rate *	m3/s	-	-	0.010	No Standard	Flow meter	Rayong
Nitrate as N *	mg/L	0.015	0.05	0.16	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-NO3 (E)	Rayong
pH (on site) *	-	-	-	6.8	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

N. Banachit

Narumon Banchongkit
Supervisor

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Analysis / Test Report



TESTING
No.0042

Lot ID: 22136583

Date Received : Dec 19, 2022

Date Reported : Feb 13, 2023

Report Number : 2567483-1

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : สัตตยาจารย์

Project Name : Project AIE Rayong

Project Location :

Sample Number	22136583-1
Sampled Date	Dec 19, 2022 10:10 AM
Sample Description	Surface Water
Location	W1 (คลองสามกอนไหลผ่านจุดระบายน้ำทิ้งของโครงการ 500 เมตร)
Date Analysis Commenced	Dec 19, 2022
Condition of Sample	Contained in two glass vials, one BOD bottle and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Phenol *	mg/L	0.0005	0.001	0.061	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5530 C	Rayong
Temperature *	Degree C	-	-	22.8	Not Change from natural condition	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	110	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong
Turbidity *	NTU	-	0.1	45.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2130 B	Rayong

Guideline : Notification of the National Environmental Board, No. 8, B.E.2537 issued under the Enhancement and Conservation of National Environmental Quality Act. B.E.2535, published in the Royal Government Gazette, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 4)
n: Change from Natural condition not more than 3 degree C

Note : This Analysis test report is reissued to supersede report No.2487110-1, Date Reported : Dec 26, 2022 due to revise analytical information.

Sampling By : Narunat thamasaro

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.
- [A] Analysis conducted by ALS Laboratory Group (Thailand) Co., Ltd. Bangkok Branch, DSS Accreditation No. 00009.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

N. Banachit

Narumon Banchongkit
Supervisor

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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : ศัญญาจาง

Project Name : Project AIE Rayong

Project Location :

Lot ID: 22154868

Date Received : Dec 29, 2022

Date Reported : Feb 13, 2023

Report Number : 2567506-1

Page 1 of 1

Sample Number	22154868-1
Sampled Date	Dec 29, 2022 10:30 AM
Sample Description	Surface Water
Location	W1 (คลองสามกอนไหลผ่านจุดระบายน้ำทิ้งของโครงการ 500 เมตร)
Date Analysis Commenced	Dec 29, 2022
Condition of Sample	Contained in two 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	8	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B	Rayong

Guideline : Notification of the National Environmental Board, No. 8, B.E.2537 issued under the Enhancement and Conservation of National Environmental Quality Act. B.E.2535, published in the Royal Government Gazette, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 4)
n: Change from Natural condition not more than 3 degree C

Note : This Analysis test report is reissued to supersede report No.2532292-1, Date Reported : Jan 09, 2023 due to revise analytical information.

Sampling By : Pathompong Komsawat

Remark :

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

Approved by

N. Banngkit

Narumon Banchongkit
Supervisor

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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : ศัญญาจาง

Project Name : Project AIE Rayong

Project Location :



TESTING

No.0042

Lot ID: 22136583

Date Received : Dec 19, 2022

Date Reported : Feb 13, 2023

Report Number : 2567484-1

Page 1 of 3

Sample Number	22136583-2
Sampled Date	Dec 19, 2022 10:25 AM
Sample Description	Surface Water
Location	W2 (คลองสามกอนไหลผ่านจุดระบายน้ำทิ้งของโครงการ)
Date Analysis Commenced	Dec 19, 2022
Condition of Sample	Contained in two glass vials, one BOD bottle and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
^[A] Arsenic	mg/L	0.0003	0.0005	0.01	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
^[A] Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
^[A] Copper	mg/L	0.0003	0.0005	<0.0005	≤0.1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
^[A] Hexavalent Chromium	mg/L	0.003	0.01	Not Detected	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3500-Cr B	Bangkok
^[A] Lead	mg/L	0.0003	0.0005	Not Detected	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
^[A] Mercury	mg/L	0.0001	0.0005	Not Detected	≤0.002	In-house method : STM 05-007 based on United States Environmental Protection Agency, 2002, EPA Method 1631, Revision E	Bangkok
^[A] Nickel	mg/L	0.0003	0.0005	0.0008	≤0.1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
^[A] Zinc	mg/L	0.003	0.005	0.02	≤1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok

Approved by

N. Banngkit

Narumon Banchongkit
Supervisor

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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok Thailand 10500

P/O : สัตตยาจารย์

Project Name : Project AIE Rayong

Project Location :



TESTING
No.0042

Lot ID: 22136583

Date Received : Dec 19, 2022

Date Reported : Feb 13, 2023

Report Number : 2567484-1

Page 2 of 3

Sample Number	22136583-2						
Sampled Date	Dec 19, 2022 10:25 AM						
Sample Description	Surface Water						
Location	W2 (คลองสามบริเวณจุดระบายน้ำทิ้งของโครงการ)						
Date Analysis Commenced	Dec 19, 2022						
Condition of Sample	Contained in two glass vials, one BOD bottle and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Microbiological Testing							
[A] Total Coliform	MPN/100mL	-	-	49000.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B	Bangkok
Water Testing							
Ammonia Nitrogen *	mg/L	0.02	0.05	0.30	≤0.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-NH3 (D)	Rayong
Cyanide as CN	mg/L	0.001	0.005	Not Detected	≤0.005	In-house method : STM 02-003 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - CN (C, E)	Rayong
Dissolved Oxygen *	mg/L	-	0.1	4.1	≥2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (C)	Rayong
Flow rate *	m3/s	-	-	0.030	No Standard	Flow meter	Rayong
Nitrate as N *	mg/L	0.015	0.05	0.34	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-NO3 (E)	Rayong
pH (on site) *	-	-	-	7.1	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Temperature *	Degree C	-	-	23.0	Not Change from natural condition	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	214	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong

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Approved by

N. Banmhit

Narumon Banchongkit
Supervisor

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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok Thailand 10500

P/O : สัตตยาจารย์

Project Name : Project AIE Rayong

Project Location :



TESTING
No.0042

Lot ID: 22136583

Date Received : Dec 19, 2022

Date Reported : Feb 13, 2023

Report Number : 2567484-1

Page 3 of 3

Sample Number	22136583-2						
Sampled Date	Dec 19, 2022 10:25 AM						
Sample Description	Surface Water						
Location	W2 (คลองสามบริเวณจุดระบายน้ำทิ้งของโครงการ)						
Date Analysis Commenced	Dec 19, 2022						
Condition of Sample	Contained in two glass vials, one BOD bottle and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Turbidity *	NTU	-	0.1	35.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2130 B	Rayong

Guideline : Notification of the National Environmental Board, No. 8, B.E.2537 issued under the Enhancement and Conservation of National Environmental Quality Act. B.E.2535, published in the Royal Government Gazette, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 4)

Note : This Analysis test report is reissued to supersede report No.2487110-1, Date Reported : Dec 26, 2022 due to revise analytical information.

Sampling By : Narunat thammassaro

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.
- [A] Analysis conducted by ALS Laboratory Group (Thailand) Co., Ltd. Bangkok Branch, DSS Accreditation No. 0009.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Approved by

N. Banmhit

Narumon Banchongkit
Supervisor

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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O :

Project Name : Project AIE Rayong

Project Location :



TESTING
No.0009
Lot ID: 22154868

Date Received : Dec 29, 2022

Date Reported : Feb 13, 2023

Report Number : 2567507-1

Page 1 of 1

Sample Number	22154868-2						
Sampled Date	Dec 29, 2022 10:50 AM						
Sample Description	Surface Water						
Location	W2 (คลองสวนบึงวัดจุฬาราชมนตรีของโครงการ)						
Date Analysis Commenced	Dec 29, 2022						
Condition of Sample	Contained in three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Manganese	mg/L	0.0003	0.0005	0.99	≤1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Water Testing							
BOD (5 days at 20 Degree C) *	mg/L	-	2.0	3	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B	Rayong
Phenol *	mg/L	0.0005	0.001	0.019	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5530 C	Rayong

Guideline : Notification of the National Environmental Board, No. 8, B.E.2537 issued under the Enhancement and Conservation of National Environmental Quality Act. B.E.2535, published in the Royal Government Gazette, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 4)

n: Change from Natural condition not more than 3 degree C

Note : This Analysis test report is issued to supersede report No.2532292-1, Date Reported : Jan 09, 2023 due to revise analytical information.

Sampling By : Pathompong Kornsawat

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

Approved by

Sawitree N.

Sawitree Noisangiam
Manager

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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : สัตยาจำ

Project Name : Project AIE Rayong

Project Location :



TESTING
No.0042
Lot ID: 22136583

Date Received : Dec 19, 2022

Date Reported : Dec 26, 2022

Report Number : 2487110-1

Page 7 of 19

Sample Number	22136583-3						
Sampled Date	Dec 19, 2022 11:00 AM						
Sample Description	Surface Water						
Location	W3 (คลองสามเหลี่ยมหน้าจตุรนาถน้ำทั้งโครงการ 500 เมตร)						
Date Analysis Commenced	Dec 19, 2022						
Condition of Sample	Contained in two glass vials, one BOD bottle and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
^[A] Arsenic	mg/L	0.0003	0.0005	0.007	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
^[A] Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
^[A] Copper	mg/L	0.0003	0.0005	0.002	≤0.1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
^[A] Hexavalent Chromium	mg/L	0.003	0.01	Not Detected	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3500-Cr B	Bangkok
^[A] Lead	mg/L	0.0003	0.0005	0.0006	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
^[A] Manganese	mg/L	0.0003	0.0005	0.72	≤1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
^[A] Mercury	mg/L	0.0001	0.0005	Not Detected	≤0.002	In-house method : STM 05-007 based on United States Environmental Protection Agency, 2002, EPA Method 1631, Revision E	Bangkok
^[A] Nickel	mg/L	0.0003	0.0005	0.004	≤0.1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok

Approved by

D. Chanchong

Dej Chanchong
Senior Manager

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Analysis / Test Report



TESTING
No.0042

Lot ID: 22136583

Date Received : Dec 19, 2022

Date Reported : Dec 26, 2022

Report Number : 2487110-1

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : ผู้ดูแลงาน

Project Name : Project AIE Rayong

Project Location :

Page 8 of 19

Sample Number	22136583-3
Sampled Date	Dec 19, 2022 11:00 AM
Sample Description	Surface Water
Location	W3 (คลองสามหลังไหลผ่านจุดระบายน้ำทั้งโครงการ 500 เมตร)
Date Analysis Commenced	Dec 19, 2022
Condition of Sample	Contained in two glass vials, one BOD bottle and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
^(A) Zinc	mg/L	0.003	0.005	0.06	≤1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Microbiological Testing							
^(A) Total Coliform	MPN/100mL	-	-	4900.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B	Bangkok
Water Testing							
Ammonia Nitrogen *	mg/L	0.02	0.05	0.08	≤0.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-NH3 (D)	Rayong
BOD (5 days at 20 Degree C) *	mg/L	-	2	4	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B	Rayong
Cyanide as CN	mg/L	0.001	0.005	Not Detected	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-CN (C, E)	Rayong
Dissolved Oxygen *	mg/L	-	0.1	7.5	≥2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (C)	Rayong
Flow rate *	m3/s	-	-	0.020	No Standard	Flow meter	Rayong
Nitrate as N *	mg/L	0.015	0.05	1.21	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-NO3 (E)	Rayong
pH (on site) *		-	-	7.9	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong

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Dej Changchon

Dej Changchon
Senior Manager

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Analysis / Test Report



TESTING
No.0042

Lot ID: 22136583

Date Received : Dec 19, 2022

Date Reported : Dec 26, 2022

Report Number : 2487110-1

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : ผู้ดูแลงาน

Project Name : Project AIE Rayong

Project Location :

Page 9 of 19

Sample Number	22136583-3
Sampled Date	Dec 19, 2022 11:00 AM
Sample Description	Surface Water
Location	W3 (คลองสามหลังไหลผ่านจุดระบายน้ำทั้งโครงการ 500 เมตร)
Date Analysis Commenced	Dec 19, 2022
Condition of Sample	Contained in two glass vials, one BOD bottle and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Phenol *	mg/L	0.0005	0.001	Not Detected	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5530 C	Rayong
Temperature *	Degree C	-	-	23.7	Not Change from natural condition	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	1140	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong
Turbidity *	NTU	-	0.1	30.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2130 B	Rayong

Guideline : Notification of the National Environmental Board, No. 8, B.E.2537 issued under the Enhancement and Conservation of National Environmental Quality Act. B.E.2535, published in the Royal Government Gazette, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 4)
n: Change from Natural condition not more than 3 degree C

Sampling By : Narurat thammassaro ทะนิณณเดช 7-323-4-9477

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.
- [A] Analysis conducted by ALS Laboratory Group (Thailand) Co., Ltd. Bangkok Branch, DSS Accreditation No. 0009.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

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Dej Changchon

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Analysis / Test Report



TESTING
No.0042

Lot ID: 22136583

Date Received : Dec 19, 2022

Date Reported : Dec 26, 2022

Report Number : 2487110-1

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : สัตยากร

Project Name : Project AIE Rayong

Project Location :

Page 10 of 19

Sample Number	22136583-4
Sampled Date	Dec 19, 2022 11:20 AM
Sample Description	Surface Water
Location	W5.2 (คลองบางกระบือบริเวณจุดระบายน้ำฝั่งเดิม)
Date Analysis Commenced	Dec 19, 2022
Condition of Sample	Contained in two glass vials, one BOD bottle and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
^(A) Arsenic	mg/L	0.0003	0.0005	0.003	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
^(A) Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
^(A) Copper	mg/L	0.0003	0.0005	0.001	≤0.1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Hexavalent Chromium	mg/L	0.003	0.01	Not Detected	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3500-Cr B	Bangkok
^(A) Lead	mg/L	0.0003	0.0005	Not Detected	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
^(A) Manganese	mg/L	0.0003	0.0005	0.89	≤1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
^(A) Mercury	mg/L	0.0001	0.0005	Not Detected	≤0.002	In-house method : STM 05-007 based on United States Environmental Protection Agency, 2002, EPA Method 1631, Revision E	Bangkok
^(A) Nickel	mg/L	0.0003	0.0005	0.001	≤0.1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok

Approved by

D. Changchon

Dej Changchon
Senior Manager

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Analysis / Test Report



TESTING
No.0042

Lot ID: 22136583

Date Received : Dec 19, 2022

Date Reported : Dec 26, 2022

Report Number : 2487110-1

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : สัตยากร

Project Name : Project AIE Rayong

Project Location :

Page 11 of 19

Sample Number	22136583-4
Sampled Date	Dec 19, 2022 11:20 AM
Sample Description	Surface Water
Location	W5.2 (คลองบางกระบือบริเวณจุดระบายน้ำฝั่งเดิม)
Date Analysis Commenced	Dec 19, 2022
Condition of Sample	Contained in two glass vials, one BOD bottle and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
^(A) Zinc	mg/L	0.003	0.005	0.07	≤1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Microbiological Testing							
^(A) Total Coliform	MPN/100mL	-	-	1300.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B	Bangkok
Water Testing							
Ammonia Nitrogen *	mg/L	0.02	0.05	0.25	≤0.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-NH3 (D)	Rayong
BOD (5 days at 20 Degree C) *	mg/L	-	2	<2	≤4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B	Rayong
Cyanide as CN	mg/L	0.001	0.005	Not Detected	≤0.005	In-house method : STM 02-003 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - CN (C, E)	Rayong
Dissolved Oxygen *	mg/L	-	0.1	8.3	≥2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (C)	Rayong
Flow rate *	m3/s	-	-	0.050	No Standard	Flow meter	Rayong
Nitrate as N *	mg/L	0.015	0.05	0.58	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-NO3 (E)	Rayong

Approved by

D. Changchon

Dej Changchon
Senior Manager

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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : ผู้ดูแลจ้าง

Project Name : Project AIE Rayong

Project Location :



TESTING

No.0042

Lot ID: 22136583

Date Received : Dec 19, 2022

Date Reported : Dec 26, 2022

Report Number : 2487110-1

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Sample Number	22136583-4
Sampled Date	Dec 19, 2022 11:20 AM
Sample Description	Surface Water
Location	W5.2 (คลองบางกอกใหญ่บริเวณจุดระบายน้ำฝั่งถนน)
Date Analysis Commenced	Dec 19, 2022
Condition of Sample	Contained in two glass vials, one BOD bottle and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH (on site) *		-	-	7.3	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Phenol *	mg/L	0.0005	0.001	Not Detected	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5530 C	Rayong
Temperature *	Degree C	-	-	24.4	Not Change from natural condition	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	178	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong
Turbidity *	NTU	-	0.1	15.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2130 B	Rayong

Guideline : Notification of the National Environmental Board, No. 8, B.E.2537 issued under the Enhancement and Conservation of National Environmental Quality Act. B.E.2535, published in the Royal Government Gazette, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 4)

n: Change from Natural condition not more than 3 degree C

Sampling By : Narunat thammassaro ทะนันณเดช 3-323-9477

Remark :

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

Dej Chongchon
Senior Manager

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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : ผู้ดูแลจ้าง

Project Name : Project AIE Rayong

Project Location :



TESTING

No.0042

Lot ID: 22136583

Date Received : Dec 19, 2022

Date Reported : Dec 26, 2022

Report Number : 2487110-1

Page 13 of 19

Sample Number	22136583-5
Sampled Date	Dec 19, 2022 2:34 PM
Sample Description	Surface Water
Location	W4 (คลองสองบริเวณสะพานบ้านเนินโป่ง)
Date Analysis Commenced	Dec 20, 2022
Condition of Sample	Contained in two glass vials and two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
[A] Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
[A] Lead	mg/L	0.0003	0.0005	<0.0005	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
[A] Mercury	mg/L	0.0001	0.0005	Not Detected	≤0.002	In-house method : STM 05-007 based on United States Environmental Protection Agency, 2002, EPA Method 1631, Revision E	Bangkok
Water Testing							
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	166	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C *	mg/L	-	5	8	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Rayong

Guideline : Notification of the National Environmental Board, No. 8, B.E.2537 issued under the Enhancement and Conservation of National Environmental Quality Act. B.E.2535, published in the Royal Government Gazette, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 4)

n: Change from Natural condition not more than 3 degree C

Sampling By : Narunat thammassaro ทะนันณเดช 3-323-9477

Remark :

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Analysis / Test Report



TESTING
No.0042

Lot ID: 22136583

Date Received : Dec 19, 2022

Date Reported : Dec 26, 2022

Report Number : 2487110-1

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : ผู้ดูแลจ้าง

Project Name : Project AIE Rayong

Project Location :

Page 14 of 19

Sample Number	22136583-6
Sampled Date	Dec 19, 2022 3:07 PM
Sample Description	Surface Water
Location	W5.1 (คลองบางกระทึก บริเวณสะพานข้ามถนนมิตรภาพ)
Date Analysis Commenced	Dec 20, 2022
Condition of Sample	Contained in two glass vials and two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
^(A) Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
^(A) Lead	mg/L	0.0003	0.0005	Not Detected	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
^(A) Mercury	mg/L	0.0001	0.0005	Not Detected	≤0.002	In-house method : STM 05-007 based on United States Environmental Protection Agency, 2002, EPA Method 1631, Revision E	Bangkok
Water Testing							
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	93	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C *	mg/L	-	5	10	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Rayong

Guideline : Notification of the National Environmental Board, No. 8, B.E.2537 issued under the Enhancement and Conservation of National Environmental Quality Act. B.E.2535, published in the Royal Government Gazette, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 4)
n: Change from Natural condition not more than 3 degree C

Sampling By : Narunat thammassaro โทร 09-323-9477

Remark :

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

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Analysis / Test Report



TESTING
No.0042

Lot ID: 22136583

Date Received : Dec 19, 2022

Date Reported : Dec 26, 2022

Report Number : 2487110-1

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : ผู้ดูแลจ้าง

Project Name : Project AIE Rayong

Project Location :

Page 15 of 19

Sample Number	22136583-7
Sampled Date	Dec 19, 2022 2:11 PM
Sample Description	Surface Water
Location	W6 (บริเวณที่คลองหลวง คลองสามและคลองบางกระทึกไหลมารวมกัน)
Date Analysis Commenced	Dec 20, 2022
Condition of Sample	Contained in two glass vials and two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
^(A) Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
^(A) Lead	mg/L	0.0003	0.0005	0.0008	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
^(A) Mercury	mg/L	0.0001	0.0005	Not Detected	≤0.002	In-house method : STM 05-007 based on United States Environmental Protection Agency, 2002, EPA Method 1631, Revision E	Bangkok
Water Testing							
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	472	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C *	mg/L	-	5	13	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Rayong

Guideline : Notification of the National Environmental Board, No. 8, B.E.2537 issued under the Enhancement and Conservation of National Environmental Quality Act. B.E.2535, published in the Royal Government Gazette, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 4)
n: Change from Natural condition not more than 3 degree C

Sampling By : Narunat thammassaro โทร 09-323-9477

Remark :

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Approved by

D. Changchon

Dej Changchon
Senior Manager

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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : ผู้ดูแลงาน

Project Name : Project AIE Rayong

Project Location :



TESTING
No.0042

Lot ID: 22136583

Date Received : Dec 19, 2022

Date Reported : Dec 26, 2022

Report Number : 2487110-1

Page 16 of 19

Sample Number	22136583-8						
Sampled Date	Dec 19, 2022 2:15 PM						
Sample Description	Surface Water						
Location	W7.1 (บริเวณท่าคลองหนึ่ง)						
Date Analysis Commenced	Dec 20, 2022						
Condition of Sample	Contained in two glass vials and two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
^(A) Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.005	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
^(A) Lead	mg/L	0.0003	0.0005	0.0008	≤0.05	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
^(A) Mercury	mg/L	0.0001	0.0005	Not Detected	≤0.002	In-house method : STM 05-007 based on United States Environmental Protection Agency, 2002, EPA Method 1631, Revision E	Bangkok
Water Testing							
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	194	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C *	mg/L	-	5	10	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Rayong

Guideline : Notification of the National Environmental Board, No. 8, B.E.2537 issued under the Enhancement and Conservation of National Environmental Quality Act. B.E.2535, published in the Royal Government Gazette, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 4)

n: Change from Natural condition not more than 3 degree C

Sampling By : Narunat thammassaro พนักงานเก็บตัวอย่าง 3-323-9477

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.
- [A] Analysis conducted by ALS Laboratory Group (Thailand) Co.,Ltd. Bangkok Branch, DSS Accreditation No. 0009.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Approved by

D. Changchon

Dej Changchon
Senior Manager

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1337-32/EMAIL



Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : ผู้ดูแลงาน

Project Name : Project AIE Rayong

Project Location :



TESTING
No.0042

Lot ID: 22136583

Date Received : Dec 19, 2022

Date Reported : Dec 26, 2022

Report Number : 2487110-1

Page 17 of 19

Sample Number	22136583-9						
Sampled Date	Dec 19, 2022 2:02 PM						
Sample Description	Surface Water						
Location	W7.2 (คลองบางกระพูน)						
Date Analysis Commenced	Dec 20, 2022						
Condition of Sample	Contained in two glass vials and two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
^(A) Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.005	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
^(A) Lead	mg/L	0.0003	0.0005	0.0007	≤0.05	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
^(A) Mercury	mg/L	0.0001	0.0005	Not Detected	≤0.002	In-house method : STM 05-007 based on United States Environmental Protection Agency, 2002, EPA Method 1631, Revision E	Bangkok
Water Testing							
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	1740	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C *	mg/L	-	5	16	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Rayong

Guideline : Notification of the National Environmental Board, No. 8, B.E.2537 issued under the Enhancement and Conservation of National Environmental Quality Act. B.E.2535, published in the Royal Government Gazette, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 4)

n: Change from Natural condition not more than 3 degree C

Sampling By : Narunat thammassaro พนักงานเก็บตัวอย่าง 3-323-9477

Remark :

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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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- [A] Analysis conducted by ALS Laboratory Group (Thailand) Co.,Ltd. Bangkok Branch, DSS Accreditation No. 0009.
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Approved by

D. Changchon

Dej Changchon
Senior Manager

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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : สฤญพรจำนง

Project Name : Project AIE Rayong

Project Location :



TESTING

No.0042

Lot ID: 22136583

Date Received : Dec 19, 2022

Date Reported : Dec 26, 2022

Report Number : 2487110-1

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Sample Number	22136583-10
Sampled Date	Dec 19, 2022 11:47 AM
Sample Description	Surface Water
Location	W7.3 (คลองบางเจ็ด)
Date Analysis Commenced	Dec 20, 2022
Condition of Sample	Contained in two glass vials and two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
^[A] Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
^[A] Lead	mg/L	0.0003	0.0005	0.0007	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
^[A] Mercury	mg/L	0.0001	0.0005	Not Detected	≤0.002	In-house method : STM 05-007 based on United States Environmental Protection Agency, 2002, EPA Method 1631, Revision E	Bangkok
Water Testing							
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	8060	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C *	mg/L	-	5	15	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Rayong

Guideline : Notification of the National Environmental Board, No. 8, B.E.2537 issued under the Enhancement and Conservation of National Environmental Quality Act. B.E.2535, published in the Royal Government Gazette, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 4)

n: Change from Natural condition not more than 3 degree C

Sampling By : Narunat thammassaro โทร 09-323-9477

Remark :

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Approved by

D. Chongchon

Dej Changchon
Senior Manager

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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.

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Thailand 10500

P/O : สฤญพรจำนง

Project Name : Project AIE Rayong

Project Location :



TESTING

No.0042

Lot ID: 22136583

Date Received : Dec 19, 2022

Date Reported : Dec 26, 2022

Report Number : 2487110-1

Page 19 of 19

Sample Number	22136583-11
Sampled Date	Dec 19, 2022 11:36 AM
Sample Description	Surface Water
Location	W7.4 (แหล่งจุดปล่อยน้ำทิ้งประมาณ 100 เมตรในรางระบายน้ำคันขวา ผาแดง)
Date Analysis Commenced	Dec 20, 2022
Condition of Sample	Contained in two glass vials and two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
^[A] Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
^[A] Lead	mg/L	0.0003	0.0005	0.0006	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
^[A] Mercury	mg/L	0.0001	0.0005	Not Detected	≤0.002	In-house method : STM 05-007 based on United States Environmental Protection Agency, 2002, EPA Method 1631, Revision E	Bangkok
Water Testing							
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	6740	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C *	mg/L	-	5	19	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Rayong

Guideline : Notification of the National Environmental Board, No. 8, B.E.2537 issued under the Enhancement and Conservation of National Environmental Quality Act. B.E.2535, published in the Royal Government Gazette, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 4)

n: Change from Natural condition not more than 3 degree C

Sampling By : Narunat thammassaro โทร 09-323-9477

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Dej Changchon
Senior Manager

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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
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Thailand 10500
P/O : 499478
Project Name : Project AIE Rayong
Project Location :

Lot ID: 2269478
Date Received : Jul 14, 2022
Date Reported : Jul 15, 2022
Report Number : 2335530-1

Page 1 of 3

Sample Number : 2269478-1
Sampled Date : Jul 14, 2022
Sample Description : Surface Water
Location : คลองนาหนองน้ำในสวนสาธารณะวัดรางบัว (W1) (Flow rate)
Date Analysis Commenced : Jul 14, 2022
Condition of Sample : data sheet

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Water Testing						
Flow rate	m ³ /s	-	-	0.011	Flow meter	Rayong

Sampled By : Narunat thamasaro

Remark :
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Approved by

Wilavan Borirak
Assistant Manager

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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O : 499478
Project Name : Project AIE Rayong
Project Location :

Lot ID: 2269478
Date Received : Jul 14, 2022
Date Reported : Jul 15, 2022
Report Number : 2335530-1

Page 2 of 3

Sample Number : 2269478-2
Sampled Date : Jul 14, 2022
Sample Description : Surface Water
Location : คลองนาหนองน้ำในสวนสาธารณะวัดรางบัว (W5.2) (Flow rate)
Date Analysis Commenced : Jul 14, 2022
Condition of Sample : data sheet

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Water Testing						
Flow rate	m ³ /s	-	-	0.294	Flow meter	Rayong

Sampled By : Narunat thamasaro

Remark :
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Assistant Manager

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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O : 499478
Project Name : Project AIE Rayong
Project Location :

Lot ID: 2269478
Date Received : Jul 14, 2022
Date Reported : Jul 15, 2022
Report Number : 2335530-1

Page 3 of 3

Sample Number : 2269478-3
Sampled Date : Jul 14, 2022
Sample Description : Surface Water
Location : คลองนาหนองน้ำในสวนสาธารณะวัดรางบัว (W2/1) (Flow rate)
Date Analysis Commenced : Jul 14, 2022
Condition of Sample : data sheet

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Water Testing						
Flow rate	m ³ /s	-	-	0.142	Flow meter	Rayong

Sampled By : Narunat thamasaro

Remark :
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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O : 499478
Project Name : Project AIE Rayong
Project Location :

Lot ID: 2285881
Date Received : Aug 10, 2022
Date Reported : Aug 11, 2022
Report Number : 2372924-1

Page 1 of 3

Sample Number : 2285881-1
Sampled Date : Aug 10, 2022 11:13 AM
Sample Description : Surface Water
Location : คลองนาหนองน้ำในสวนสาธารณะวัดรางบัว (W1) (Flow rate)
Date Analysis Commenced : Aug 10, 2022
Condition of Sample : data sheet

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Water Testing						
Flow rate	m ³ /s	-	-	0.190	Flow meter	Rayong

Sampled By : Paramet Sattayakun

Remark :
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Approved by

Narumon Banchongkit
Supervisor

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Client : Asia Industrial Estate Co., Ltd.
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Thailand 10500
P/O : ลูกค้า
Project Name : Project AIE Rayong
Project Location :

Lot ID: 2285881
Date Received : Aug 10, 2022
Date Reported : Aug 11, 2022
Report Number : 2372924-1

Page 2 of 3

Sample Number : 2285881-2
Sample Date : Aug 10, 2022 3:00 PM
Sample Description : Surface Water
Location : คลองบางนาตอนบนบริเวณถนนกาญจนาภิเษก (W5.2) (Flow rate)
Date Analysis Commenced : Aug 10, 2022
Condition of Sample : data sheet

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Water Testing						
Flow rate	m ³ /s	-	-	1.010	Flow meter	Rayong

Sampled By : Paramet Sattayakun

Remark :
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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
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Thailand 10500
P/O : ลูกค้า
Project Name : Project AIE Rayong
Project Location :

Lot ID: 2285881
Date Received : Aug 10, 2022
Date Reported : Aug 11, 2022
Report Number : 2372924-1

Page 2 of 3

Sample Number : 2285881-3
Sample Date : Aug 10, 2022 2:40 PM
Sample Description : Surface Water
Location : คลองบางนาตอนบนบริเวณถนนกาญจนาภิเษก (W2.1) (Flow rate)
Date Analysis Commenced : Aug 10, 2022
Condition of Sample : data sheet

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Water Testing						
Flow rate	m ³ /s	-	-	0.260	Flow meter	Rayong

Sampled By : Paramet Sattayakun

Remark :
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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
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Thailand 10500
P/O : ลูกค้า
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22100491
Date Received : Sep 19, 2022
Date Reported : Sep 21, 2022
Report Number : 2405003-1

Page 1 of 3

Sample Number : 22100491-1
Sample Date : Sep 19, 2022 10:26 AM
Sample Description : Surface Water
Location : คลองบางนาตอนบนบริเวณถนนกาญจนาภิเษก (W1) (Flow rate)
Date Analysis Commenced : Sep 19, 2022
Condition of Sample : data sheet

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Water Testing						
Flow rate	m ³ /s	-	-	0.349	Flow meter	Rayong

Sampled By : Sayan Yabamrungs

Remark :
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N. Banthong

Narumon Banchongkitt
Supervisor

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Analysis / Test Report

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Thailand 10500
P/O : ลูกค้า
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22100491
Date Received : Sep 19, 2022
Date Reported : Sep 21, 2022
Report Number : 2405003-1

Page 2 of 3

Sample Number : 22100491-2
Sample Date : Sep 19, 2022 11:21 AM
Sample Description : Surface Water
Location : คลองบางนาตอนบนบริเวณถนนกาญจนาภิเษก (W5.2) (Flow rate)
Date Analysis Commenced : Sep 19, 2022
Condition of Sample : data sheet

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Water Testing						
Flow rate	m ³ /s	-	-	0.455	Flow meter	Rayong

Sampled By : Sayan Yabamrungs

Remark :
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1237-32 (ENGL)



Analysis / Test Report

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49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O : 8999393
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22100491
Date Received : Sep 19, 2022
Date Reported : Sep 21, 2022
Report Number : 2405003-1

Page 3 of 3

Sample Number : 22100491-3
Sample Date : Sep 19, 2022 10:59 AM
Sample Description : Surface Water
Location : บริเวณทางระบายน้ำที่คลองโสมมาตร (W2/1) (Flow rate)
Date Analysis Commenced : Sep 19, 2022
Condition of Sample : data sheet

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Water Testing						
Flow rate	m ³ /s	-	-	0.093	Flow meter	Rayong

Sampled By : Sayan Yathamrungs

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

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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O : 8999393
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22111056
Date Received : Oct 12, 2022
Date Reported : Oct 15, 2022
Report Number : 2427471-1

Page 1 of 3

Sample Number : 22111056-1
Sample Date : Oct 12, 2022 1:48 PM
Sample Description : Surface Water
Location : คลองระบายน้ำที่คลองโสมมาตร (W1) (Flow rate)
Date Analysis Commenced : Oct 12, 2022
Condition of Sample : data sheet

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Water Testing						
Flow rate	m ³ /s	-	-	0.238	Flow meter	Rayong

Sampled By : Paramet Sattayakun

Remark :
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Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O : 8999393
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22111056
Date Received : Oct 12, 2022
Date Reported : Oct 15, 2022
Report Number : 2427471-1

Page 2 of 3

Sample Number : 22111056-2
Sample Date : Oct 12, 2022 3:00 PM
Sample Description : Surface Water
Location : คลองระบายน้ำที่คลองโสมมาตร (W5.2) (Flow rate)
Date Analysis Commenced : Oct 12, 2022
Condition of Sample : data sheet

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Water Testing						
Flow rate	m ³ /s	-	-	0.520	Flow meter	Rayong

Sampled By : Paramet Sattayakun

Remark :
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Client : Asia Industrial Estate Co., Ltd.
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Thailand 10500
P/O : 8999393
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22111056
Date Received : Oct 12, 2022
Date Reported : Oct 15, 2022
Report Number : 2427471-1

Page 3 of 3

Sample Number : 22111056-3
Sample Date : Oct 12, 2022 2:27 PM
Sample Description : Surface Water
Location : บริเวณทางระบายน้ำที่คลองโสมมาตร (W2/1) (Flow rate)
Date Analysis Commenced : Oct 12, 2022
Condition of Sample : data sheet

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Water Testing						
Flow rate	m ³ /s	-	-	0.056	Flow meter	Rayong

Sampled By : Paramet Sattayakun

Remark :
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Thailand 10500

P/O : **สัญญาจ้าง**
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22123743
Date Received : Nov 09, 2022
Date Reported : Nov 10, 2022
Report Number : 2457405-1

Page 1 of 3

Sample Number : 22123743-1
Sampled Date : Nov 09, 2022 2:39 PM
Sample Description : Surface Water
Location : คลองสายระบายน้ำจากโรงงานอุตสาหกรรม (W1) (Flow rate)
Date Analysis Commenced : Nov 09, 2022
Condition of Sample : data sheet

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Water Testing						
Flow rate	m ³ /s	-	-	0.241	Flow meter	Rayong

Sampled By : Natthawut Longnam

Remark :
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Analysis / Test Report

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Thailand 10500

P/O : **สัญญาจ้าง**
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22123743
Date Received : Nov 09, 2022
Date Reported : Nov 10, 2022
Report Number : 2457405-1

Page 2 of 3

Sample Number : 22123743-2
Sampled Date : Nov 09, 2022 2:54 PM
Sample Description : Surface Water
Location : คลองสายระบายน้ำจากโรงงานอุตสาหกรรม (W5.2) (Flow rate)
Date Analysis Commenced : Nov 09, 2022
Condition of Sample : data sheet

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Water Testing						
Flow rate	m ³ /s	-	-	0.177	Flow meter	Rayong

Sampled By : Natthawut Longnam

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

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N. Banngnit

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1237-32 (BML)



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Thailand 10500

P/O : **สัญญาจ้าง**
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22123743
Date Received : Nov 09, 2022
Date Reported : Nov 10, 2022
Report Number : 2457405-1

Page 2 of 3

Sample Number : 22123743-3
Sampled Date : Nov 09, 2022 2:44 PM
Sample Description : Surface Water
Location : คลองสายระบายน้ำจากโรงงานอุตสาหกรรม (W2/1) (Flow rate)
Date Analysis Commenced : Nov 09, 2022
Condition of Sample : data sheet

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Water Testing						
Flow rate	m ³ /s	-	-	0.112	Flow meter	Rayong

Sampled By : Natthawut Longnam

Remark :
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Thailand 10500

P/O : **สัญญาจ้าง**
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22136588
Date Received : Dec 19, 2022
Date Reported : Dec 21, 2022
Report Number : 2457117-1

Page 1 of 3

Sample Number : 22136588-1
Sampled Date : Dec 19, 2022 10:10 AM
Sample Description : Surface Water
Location : คลองสายระบายน้ำจากโรงงานอุตสาหกรรม (W1) (Flow rate)
Date Analysis Commenced : Dec 19, 2022
Condition of Sample : data sheet

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Water Testing						
Flow rate	m ³ /s	-	-	0.010	Flow meter	Rayong

Sampling By : Narunat thammassaro โทร 09-323-9477

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

Approved by

N. Banngnit

Narumon Banchongkit
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P/O : ศึกษานิเทศก์
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22136588
Date Received :Dec 19, 2022
Date Reported :Dec 21, 2022
Report Number :2487117-1

Sample Number	22136586-2
Sampled Date	Dec 19, 2022 11:20 AM
Sample Description	Surface Water
Location	คลองบางกรวยหน้าวัดคลองกรวยน้ำขุ่น (W5.2) (Flow rate)
Date Analysis Commenced	Dec 19, 2022
Condition of Sample	data sheet

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Water Testing						
Flow rate	m3/s	-	-	0.050	Flow meter	Rayong

Remark :
 LOD : Limit of Detection
 * < : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

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N. Bang MIT

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P/O : 
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22136588
Date Received : Dec 19, 2022
Date Reported : Dec 21, 2022
Report Number : 2487117-1

Sample Number	22136588-3
Sampled Date	Dec 19, 2022 10:40 AM
Sample Description	Surface Water
Location	บริเวณปากอุโมงค์ระบายน้ำของโครงการ (W2/1) (Flow rate)
Date Analysis Commenced	Dec 19, 2022
Condition of Sample	data sheet

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Water Testing						
Flow rate	m ³ /s	-	-	0.100	Flow meter	Rayong

Sampling By : Narunat thammasaro โทรเลขเลขที่ 7-323-9-9477

Remark :

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

Approved by _____

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Narumon Bandhongkit
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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : สฤณพิจา

Project Name : Project AIE Rayong

Project Location :

Lot ID: 22100493

Date Received : Sep 20, 2022

Date Reported : Sep 28, 2022

Report Number : 2405005-1

Page 1 of 8

Sample Number	22100493-1
Sampled Date	Sep 20, 2022 10:20 AM
Sample Description	Seawater
Location	CW1/CW5-100 (ปากคลองบางกรวยทางจากท่าเรือ 100 เมตร)
Date Analysis Commenced	Sep 20, 2022
Condition of Sample	Contained in one BOD bottle, two glass vials and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Cadmium	mg/L	0.0009	0.003	Not Detected	≤0.005	Based on APHA (2017), 3125	Bangkok
Chromium	mg/L	0.001	0.003	Not Detected	≤0.1	Based on APHA (2017), 3125	Bangkok
Copper	mg/L	0.001	0.003	Not Detected	≤0.008	Based on APHA (2017), 3125	Bangkok
Hexavalent Chromium	mg/L	0.003	0.01	Not Detected	≤0.05	Based on APHA (2017), 3500-Cr (B)	Bangkok
Iron	mg/L	0.001	0.003	0.14	≤0.3	Based on APHA (2017), 3125	Bangkok
Lead	mg/L	0.001	0.003	Not Detected	≤0.0085	Based on APHA (2017), 3125	Bangkok
Manganese	mg/L	0.001	0.003	0.03	≤0.1	Based on APHA (2017), 3125	Bangkok
Mercury	mg/L	0.000003	0.00005	<0.00005	≤0.0001	Based on US EPA, Method 1631 Revision E	Bangkok
Zinc	mg/L	0.001	0.003	0.006	≤0.05	Based on APHA (2017), 3125	Bangkok
Microbiological Testing							
Total Coliform	MPN/100mL	-	-	49.0	≤1000	APHA (2017), 9221 B	Bangkok
Water Testing							
Ammonia Nitrogen	mg/L	0.02	0.05	0.05	≤0.95	Based on APHA (2017), 4500-NH ₃ F	Rayong
Cyanide as CN	mg/L	0.001	0.005	Not Detected	≤0.007	Based on APHA (2017), 4500-CN(C), (E)	Rayong
Dissolved Oxygen	mg/L	-	0.1	2.2	>4	Based on APHA (2017), 4500-O(C)	Rayong
Fluoride	mg/L	0.05	0.2	0.70	≤1	APHA (2017), 4500-F(C)	Rayong
Nitrate as N	mg/L	0.015	0.05	<0.05	≤0.06	Based on APHA (2017), 4500-NO ₃ (E)	Rayong
pH (on site)	-	-	-	8.0	7.0-8.5	Based on APHA (2017), 4500-H (B)	Rayong
Phenol	mg/L	0.0005	0.001	Not Detected	≤0.03	APHA (2017), 5530 D	Rayong
Phosphate as P	mg/L	0.002	0.005	0.030	≤0.045	Based on APHA (2017), 4500-P(E)	Rayong

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Siriluk P.

Siriluk Puengpang
Supervisor

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Analysis / Test Report

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Thailand 10500

P/O : สฤณพิจา

Project Name : Project AIE Rayong

Project Location :

Lot ID: 22100493

Date Received : Sep 20, 2022

Date Reported : Sep 28, 2022

Report Number : 2405005-1

Page 2 of 8

Sample Number	22100493-1
Sampled Date	Sep 20, 2022 10:20 AM
Sample Description	Seawater
Location	CW1/CW5-100 (ปากคลองบางกรวยทางจากท่าเรือ 100 เมตร)
Date Analysis Commenced	Sep 20, 2022
Condition of Sample	Contained in one BOD bottle, two glass vials and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Residual Free Chlorine	mg/L	-	0.01	<0.01	≤0.01	Based on APHA (2017), 4500-Cl(F)	Rayong
Salinity	ppt	-	0.1	28.4	Change from lower salinity not more than 10%	Based on APHA (2017), 2520 B	Rayong
Sulfide as H ₂ S	mg/L	-	0.01	<0.01	≤0.01	Based on APHA (2017), 4500-S ₂ (D)	Bangkok
Temperature	Degree C	-	-	31.0	Change from natural condition not more than 2 degree C	Based on APHA (2017), 2550 B	Rayong
Transparency	m	-	-	0.9	Change from Natural condition not more than 10% of the lowest transparency	NIOSH (1994)	Rayong

Guideline : Notification of the National Environmental Board, B.E.2564 : Coastal Water Quality Standard (Class 5)

Sampled By : Pathompong Kornsawat, Samart Khumphlee

Remark :

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

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Analysis / Test Report

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Thailand 10500
P/O : สัตยกรกิจ
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22100493
Date Received : Sep 20, 2022
Date Reported : Sep 28, 2022
Report Number : 2405005-1

Page 3 of 8

Sample Number 22100493-2
Sampled Date Sep 20, 2022 10:10 AM
Sample Description Seawater
Location CW2/CWS-500 (ปากคลองบางกรวยทางจากทางฝั่ง 500 เมตร)
Date Analysis Commenced Sep 20, 2022
Condition of Sample Contained in one BOD bottle, two glass vials and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Cadmium	mg/L	0.0009	0.003	Not Detected	≤0.005	Based on APHA (2017), 3125	Bangkok
Chromium	mg/L	0.001	0.003	Not Detected	≤0.1	Based on APHA (2017), 3125	Bangkok
Copper	mg/L	0.001	0.003	Not Detected	≤0.008	Based on APHA (2017), 3125	Bangkok
Hexavalent Chromium	mg/L	0.003	0.01	Not Detected	≤0.05	Based on APHA (2017), 3500-Cr (B)	Bangkok
Iron	mg/L	0.001	0.003	0.05	≤0.3	Based on APHA (2017), 3125	Bangkok
Lead	mg/L	0.001	0.003	Not Detected	≤0.0085	Based on APHA (2017), 3125	Bangkok
Manganese	mg/L	0.001	0.003	0.01	≤0.1	Based on APHA (2017), 3125	Bangkok
Mercury	mg/L	0.000003	0.00005	<0.00005	≤0.0001	Based on US EPA, Method 1631 Revision E	Bangkok
Zinc	mg/L	0.001	0.003	0.005	≤0.05	Based on APHA (2017), 3125	Bangkok
Microbiological Testing							
Total Coliform	MPN/100mL	-	-	<1.8	≤1000	APHA (2017), 9221 B	Bangkok
Water Testing							
Ammonia Nitrogen	mg/L	0.02	0.05	<0.05	≤0.95	Based on APHA (2017), 4500-NH ₃ F	Rayong
Cyanide as CN	mg/L	0.001	0.005	Not Detected	≤0.007	Based on APHA (2017), 4500-CN(C), (E)	Rayong
Dissolved Oxygen	mg/L	-	0.1	2.0	>4	Based on APHA (2017), 4500-O(C)	Rayong
Fluoride	mg/L	0.05	0.2	0.80	≤1	APHA (2017), 4500-F(C)	Rayong
Nitrate as N	mg/L	0.015	0.05	<0.05	≤0.06	Based on APHA (2017), 4500-NO ₃ (E)	Rayong
pH (on site)	-	-	-	7.9	7.0-8.5	Based on APHA (2017), 4500-H (B)	Rayong
Phenol	mg/L	0.0005	0.001	Not Detected	≤0.03	APHA (2017), 5530 D	Rayong
Phosphate as P	mg/L	0.002	0.005	0.025	≤0.045	Based on APHA (2017), 4500-P(E)	Rayong

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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O : สัตยกรกิจ
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22100493
Date Received : Sep 20, 2022
Date Reported : Sep 28, 2022
Report Number : 2405005-1

Page 4 of 8

Sample Number 22100493-2
Sampled Date Sep 20, 2022 10:10 AM
Sample Description Seawater
Location CW2/CWS-500 (ปากคลองบางกรวยทางจากทางฝั่ง 500 เมตร)
Date Analysis Commenced Sep 20, 2022
Condition of Sample Contained in one BOD bottle, two glass vials and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Residual Free Chlorine	mg/L	-	0.01	<0.01	≤0.01	Based on APHA (2017), 4500-Cl(F)	Rayong
Salinity	ppt	-	0.1	29.2	Change from lower salinity not more than 10%	Based on APHA (2017), 2520 B	Rayong
Sulfide as H ₂ S	mg/L	-	0.01	<0.01	≤0.01	Based on APHA (2017), 4500-S ₂ (D)	Bangkok
Temperature	Degree C	-	-	31.3	Change from natural condition not more than 2 degree C	Based on APHA (2017), 2550 B	Rayong
Transparency	m	-	-	2.0	Change from Natural condition not more than 10% of the lowest transparency	NIOSH (1994)	Rayong

Guideline : Notification of the National Environmental Board, B.E.2564 : Coastal Water Quality Standard (Class 5)

Sampled By : Pathompong Kornasawat, Samart Khumphlee

Remark :

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

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Thailand 10500

P/O : สัตยาจำ

Project Name : Project AIE Rayong

Project Location :

Lot ID: 22100493

Date Received : Sep 20, 2022

Date Reported : Sep 28, 2022

Report Number : 2405005-1

Page 5 of 8

Sample Number	22100493-3						
Sampled Date	Sep 20, 2022 10:35 AM						
Sample Description	Seawater						
Location	CW4-100 (ระยะ 100 เมตร จากปากคลองหนึ่ง)						
Date Analysis Commenced	Sep 21, 2022						
Condition of Sample	Contained in two glass vials and one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Cadmium	mg/L	0.0009	0.003	Not Detected	≤0.005	Based on APHA (2017), 3125	Bangkok
Lead	mg/L	0.001	0.003	Not Detected	≤0.0085	Based on APHA (2017), 3125	Bangkok
Mercury	mg/L	0.000003	0.00005	<0.00005	≤0.0001	Based on US EPA, Method 1631 Revision E	Bangkok

Guideline : Notification of the National Environmental Board, B.E.2564 : Coastal Water Quality Standard (Class 5)

Sampled By : Pathompong Kornasawat , Samart Khumphlee

Remark :

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

Approved by

Siriluk P.

Siriluk Puengpang
Supervisor

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Thailand 10500

P/O : สัตยาจำ

Project Name : Project AIE Rayong

Project Location :

Lot ID: 22100493

Date Received : Sep 20, 2022

Date Reported : Sep 28, 2022

Report Number : 2405005-1

Page 6 of 8

Sample Number	22100493-4						
Sampled Date	Sep 20, 2022 10:30 AM						
Sample Description	Seawater						
Location	CW4-500 (ระยะ 500 เมตร จากปากคลองหนึ่ง)						
Date Analysis Commenced	Sep 21, 2022						
Condition of Sample	Contained in two glass vials and one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Cadmium	mg/L	0.0009	0.003	Not Detected	≤0.005	Based on APHA (2017), 3125	Bangkok
Lead	mg/L	0.001	0.003	Not Detected	≤0.0085	Based on APHA (2017), 3125	Bangkok
Mercury	mg/L	0.000003	0.00005	<0.00005	≤0.0001	Based on US EPA, Method 1631 Revision E	Bangkok

Guideline : Notification of the National Environmental Board, B.E.2564 : Coastal Water Quality Standard (Class 5)

Sampled By : Pathompong Kornasawat , Samart Khumphlee

Remark :

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

Approved by

Siriluk P.

Siriluk Puengpang
Supervisor

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Thailand 10500
P/O : สยามท่าเรือ
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22100493
Date Received : Sep 20, 2022
Date Reported : Sep 28, 2022
Report Number : 2405005-1

Page 7 of 8

Sample Number	22100493-5						
Sampled Date	Sep 20, 2022 9:58 AM						
Sample Description	Seawater						
Location	CW6-100 (ระยะ 100 เมตร จาก ปากคลองบางมด)						
Date Analysis Commenced	Sep 21, 2022						
Condition of Sample	Contained in two glass vials and one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Cadmium	mg/L	0.0009	0.003	Not Detected	≤0.005	Based on APHA (2017), 3125	Bangkok
Lead	mg/L	0.001	0.003	Not Detected	≤0.0085	Based on APHA (2017), 3125	Bangkok
Mercury	mg/L	0.000003	0.00005	<0.00005	≤0.0001	Based on US EPA, Method 1631 Revision E	Bangkok

Guideline : Notification of the National Environmental Board, B.E.2564 : Coastal Water Quality Standard (Class 5)

Sampled By : Pathompong Kornsawat , Samart Khumphlee

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Thailand 10500
P/O : สยามท่าเรือ
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22100493
Date Received : Sep 20, 2022
Date Reported : Sep 28, 2022
Report Number : 2405005-1

Page 8 of 8

Sample Number	22100493-6						
Sampled Date	Sep 20, 2022 10:00 AM						
Sample Description	Seawater						
Location	CW6-500 (ระยะ 500 เมตร จากปากคลองบางมด)						
Date Analysis Commenced	Sep 21, 2022						
Condition of Sample	Contained in two glass vials and one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Cadmium	mg/L	0.0009	0.003	Not Detected	≤0.005	Based on APHA (2017), 3125	Bangkok
Lead	mg/L	0.001	0.003	Not Detected	≤0.0085	Based on APHA (2017), 3125	Bangkok
Mercury	mg/L	0.000003	0.00005	<0.00005	≤0.0001	Based on US EPA, Method 1631 Revision E	Bangkok

Guideline : Notification of the National Environmental Board, B.E.2564 : Coastal Water Quality Standard (Class 5)

Sampled By : Pathompong Kornsawat , Samart Khumphlee

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Thailand 10500

P/O : สัตยากร

Project Name : Project AIE Rayong

Project Location :



TESTING
No.0009

Lot ID: 22136592

Date Received : Dec 20, 2022

Date Reported : Dec 27, 2022

Report Number : 2487120-1

Page 1 of 12

Sample Number	22136592-1
Sampled Date	Dec 20, 2022 10:19 AM
Sample Description	Seawater
Location	CW1/CW5-100 (ปากคลองบางกระทึก ห่างจากชายฝั่ง 100 เมตร)
Date Analysis Commenced	Dec 20, 2022
Condition of Sample	Contained in two glass vials, one BOD bottle and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Cadmium *	mg/L	0.0009	0.003	Not Detected	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Chromium *	mg/L	0.001	0.003	Not Detected	≤0.1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Copper *	mg/L	0.001	0.003	Not Detected	≤0.008	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Hexavalent Chromium *	mg/L	0.003	0.01	Not Detected	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3500-Cr B	Bangkok
Iron *	mg/L	0.001	0.003	0.14	≤0.3	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Lead *	mg/L	0.001	0.003	Not Detected	≤0.0085	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Manganese *	mg/L	0.001	0.003	0.03	≤0.1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Mercury	mg/L	0.000003	0.00005	<0.00005	≤0.0001	In-house method : STM 05-007 based on United States Environmental Protection Agency, 2002, EPA Method 1631, Revision E	Bangkok

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49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : สัตยากร

Project Name : Project AIE Rayong

Project Location :



TESTING
No.0009

Lot ID: 22136592

Date Received : Dec 20, 2022

Date Reported : Dec 27, 2022

Report Number : 2487120-1

Page 2 of 12

Sample Number	22136592-1
Sampled Date	Dec 20, 2022 10:19 AM
Sample Description	Seawater
Location	CW1/CW5-100 (ปากคลองบางกระทึก ห่างจากชายฝั่ง 100 เมตร)
Date Analysis Commenced	Dec 20, 2022
Condition of Sample	Contained in two glass vials, one BOD bottle and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Zinc *	mg/L	0.001	0.003	0.02	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Microbiological Testing							
Total Coliform	MPN/100mL	-	-	4.5	≤1000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B	Bangkok
Water Testing							
Ammonia Nitrogen *	mg/L	0.02	0.05	0.07	≤0.95	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-NH3 (D)	Rayong
Cyanide as CN *	mg/L	0.001	0.005	Not Detected	≤0.007	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-CN (C, E)	Rayong
Dissolved Oxygen *	mg/L	-	0.1	7.4	>4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (C)	Rayong
Fluoride *	mg/L	0.05	0.2	0.9	≤1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-F (C)	Rayong
Nitrate as N *	mg/L	0.015	0.05	<0.05	≤0.06	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-NO3 (E)	Rayong
pH (on site) *	-	-	-	7.9	7.0-8.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong

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49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
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P/O : สมฤทัย

Project Name : Project AIE Rayong

Project Location :



TESTING

No.0009

Lot ID: 22136592

Date Received : Dec 20, 2022

Date Reported : Dec 27, 2022

Report Number : 2487120-1

Page 3 of 12

Sample Number	22136592-1						
Sampled Date	Dec 20, 2022 10:19 AM						
Sample Description	Seawater						
Location	CW1/CW5-100 (นำทดลองบางกระพุน ห่างจากชายฝั่ง 100 เมตร)						
Date Analysis Commenced	Dec 20, 2022						
Condition of Sample	Contained in two glass vials, one BOD bottle and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Phenol *	mg/L	0.0005	0.001	Not Detected	≤0.03	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5530 C	Rayong
Phosphate as P *	mg/L	0.002	0.005	0.025	≤0.045	In-house method based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-P (E)	Rayong
Residual Free Chlorine *	mg/L	-	0.01	<0.01	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Cl (F)	Rayong
Salinity *	ppt	-	0.1	26.7	Change from lower salinity not more than 10%	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2510 B	Rayong
Sulfide as H ₂ S *	mg/L	-	0.01	<0.01	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-S ₂ (D)	Bangkok
Temperature *	Degree C	-	-	26.9	Change from natural condition not more than 2 degree C	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong
Transparency *	m	-	-	1.6	Change from Natural condition not more than 10% of the lowest transparency	Visual Method	Rayong

Guideline : Notification of the National Environmental Board, B.E.2564 : Coastal Water Quality Standard (Class 5)

Sampling By : Narunat thammasaro ทะนันถนมาสาร ๖-323-๖-9477

Remark :

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P/O : สมฤทัย

Project Name : Project AIE Rayong

Project Location :



TESTING

No.0009

Lot ID: 22136592

Date Received : Dec 20, 2022

Date Reported : Dec 27, 2022

Report Number : 2487120-1

Page 4 of 12

- Analyte(s) marked * is/are not included in scope of Accreditation ISO/IEC 17025.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Approved by

Savitree N.

Savitree Noisangiam
Manager

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P/O : สฤตภากร

Project Name : Project AIE Rayong

Project Location :



TESTING
No.0009

Lot ID: 22136592

Date Received : Dec 20, 2022

Date Reported : Dec 27, 2022

Report Number : 2487120-1

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Sample Number	22136592-2
Sampled Date	Dec 20, 2022 10:09 AM
Sample Description	Seawater
Location	CW2/CW5-500 (ปากคลองบางกรวดทางจากชายฝั่ง 500 เมตร)
Date Analysis Commenced	Dec 20, 2022
Condition of Sample	Contained in two glass vials, one BOD bottle and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Cadmium *	mg/L	0.0009	0.003	Not Detected	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Chromium *	mg/L	0.001	0.003	Not Detected	≤0.1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Copper *	mg/L	0.001	0.003	Not Detected	≤0.008	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Hexavalent Chromium *	mg/L	0.003	0.01	Not Detected	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3500-Cr B	Bangkok
Iron *	mg/L	0.001	0.003	0.03	≤0.3	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Lead *	mg/L	0.001	0.003	Not Detected	≤0.0085	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Manganese *	mg/L	0.001	0.003	0.006	≤0.1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Mercury	mg/L	0.000003	0.00005	<0.00005	≤0.0001	In-house method : STM 05-007 based on United States Environmental Protection Agency, 2002, EPA Method 1631, Revision E	Bangkok

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Savitree N.

Savitree Naisangiam
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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok Thailand 10500

P/O : สฤตภากร

Project Name : Project AIE Rayong

Project Location :



TESTING
No.0009

Lot ID: 22136592

Date Received : Dec 20, 2022

Date Reported : Dec 27, 2022

Report Number : 2487120-1

Page 6 of 12

Sample Number	22136592-2
Sampled Date	Dec 20, 2022 10:09 AM
Sample Description	Seawater
Location	CW2/CW5-500 (ปากคลองบางกรวดทางจากชายฝั่ง 500 เมตร)
Date Analysis Commenced	Dec 20, 2022
Condition of Sample	Contained in two glass vials, one BOD bottle and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Zinc *	mg/L	0.001	0.003	0.006	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Microbiological Testing							
Total Coliform	MPN/100mL	-	-	4.5	≤1000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B	Bangkok
Water Testing							
Ammonia Nitrogen *	mg/L	0.02	0.05	0.05	≤0.95	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-NH3 (D)	Rayong
Cyanide as CN *	mg/L	0.001	0.005	Not Detected	≤0.007	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-CN (C, E)	Rayong
Dissolved Oxygen *	mg/L	-	0.1	7.3	>4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (C)	Rayong
Fluoride *	mg/L	0.05	0.2	0.9	≤1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-F (C)	Rayong
Nitrate as N *	mg/L	0.015	0.05	Not Detected	≤0.06	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-NO3 (E)	Rayong
pH (on site) *		-	-	8.0	7.0-8.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong

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Savitree Naisangiam
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Analysis / Test Report



TESTING
No.0009

Lot ID: 22136592

Date Received : Dec 20, 2022

Date Reported : Dec 27, 2022

Report Number : 2487120-1

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok

Thailand 10500

P/O : ผู้ดูแลงาน

Project Name : Project AIE Rayong

Project Location :

Page 7 of 12

Sample Number	22136592-2						
Sampled Date	Dec 20, 2022 10:09 AM						
Sample Description	Seawater						
Location	CW2/CWS-500 (ปากคลองบางกรวยทางจากเขาย้อย 500 เมตร)						
Date Analysis Commenced	Dec 20, 2022						
Condition of Sample	Contained in two glass vials, one BOD bottle and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Phenol *	mg/L	0.0005	0.001	Not Detected	≤0.03	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5530 C	Rayong
Phosphate as P *	mg/L	0.002	0.005	0.025	≤0.045	In-house method based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-P (E)	Rayong
Residual Free Chlorine *	mg/L	-	0.01	<0.01	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Cl (F)	Rayong
Salinity *	ppt	-	0.1	29.0	Change from lower salinity not more than 10%	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2510 B	Rayong
Sulfide as H2S *	mg/L	-	0.01	0.02	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-S2 (D)	Bangkok
Temperature *	Degree C	-	-	27.7	Change from natural condition not more than 2 degree C	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong
Transparency *	m	-	-	2.7	Change from Natural condition not more than 10% of the lowest transparency	Visual Method	Rayong

Guideline : Notification of the National Environmental Board, B.E.2564 : Coastal Water Quality Standard (Class 5)

Sampling By : Narunat thammasaro ทะนันถนมาสาร 3-323-9477

Remark :

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Analysis / Test Report



TESTING
No.0009

Lot ID: 22136592

Date Received : Dec 20, 2022

Date Reported : Dec 27, 2022

Report Number : 2487120-1

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok

Thailand 10500

P/O : ผู้ดูแลงาน

Project Name : Project AIE Rayong

Project Location :

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Analysis / Test Report



TESTING
No.0009

Lot ID: 22136592
Date Received : Dec 20, 2022
Date Reported : Dec 27, 2022
Report Number : 2487120-1

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O : สหุภาจาง
Project Name : Project AIE Rayong
Project Location :

Page 9 of 12

Sample Number	22136592-3
Sampled Date	Dec 20, 2022 10:35 AM
Sample Description	Seawater
Location	CW4-100 (ระยะ 100 เมตร จากปากคลองหนึ่ง)
Date Analysis Commenced	Dec 21, 2022
Condition of Sample	Contained in two glass vials and one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Cadmium *	mg/L	0.0009	0.003	Not Detected	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Lead *	mg/L	0.001	0.003	Not Detected	≤0.0085	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Mercury	mg/L	0.000003	0.00005	<0.00005	≤0.0001	In-house method : STM 05-007 based on United States Environmental Protection Agency, 2002, EPA Method 1631, Revision E	Bangkok

Guideline : Notification of the National Environmental Board, B.E.2564 : Coastal Water Quality Standard (Class 5)

Sampling By : Narunat thammassaro โทรเลข 323-9-9477

Remark :

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TESTING
No.0009

Lot ID: 22136592
Date Received : Dec 20, 2022
Date Reported : Dec 27, 2022
Report Number : 2487120-1

Client : Asia Industrial Estate Co., Ltd.
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Thailand 10500
P/O : สหุภาจาง
Project Name : Project AIE Rayong
Project Location :

Page 10 of 12

Sample Number	22136592-4
Sampled Date	Dec 20, 2022 10:30 AM
Sample Description	Seawater
Location	CW4-500 (ระยะ 500 เมตร จากปากคลองหนึ่ง)
Date Analysis Commenced	Dec 21, 2022
Condition of Sample	Contained in two glass vials and one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Cadmium *	mg/L	0.0009	0.003	Not Detected	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Lead *	mg/L	0.001	0.003	Not Detected	≤0.0085	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Mercury	mg/L	0.000003	0.00005	<0.00005	≤0.0001	In-house method : STM 05-007 based on United States Environmental Protection Agency, 2002, EPA Method 1631, Revision E	Bangkok

Guideline : Notification of the National Environmental Board, B.E.2564 : Coastal Water Quality Standard (Class 5)

Sampling By : Narunat thammassaro โทรเลข 323-9-9477

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Thailand 10500

P/O : สี่แยกจรัญ

Project Name : Project AIE Rayong

Project Location :



TESTING
No.0009
Lot ID: 22136592

Date Received : Dec 20, 2022

Date Reported : Dec 27, 2022

Report Number : 2487120-1

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Sample Number	22136592-5						
Sampled Date	Dec 20, 2022 9:54 AM						
Sample Description	Seawater						
Location	CW6-100 (พื้นที่ 100 เมตร จากปากคลองบางมด)						
Date Analysis Commenced	Dec 21, 2022						
Condition of Sample	Contained in two glass vials and one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Cadmium *	mg/L	0.0009	0.003	Not Detected	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Lead *	mg/L	0.001	0.003	Not Detected	≤0.0085	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Mercury	mg/L	0.000003	0.00005	<0.00005	≤0.0001	In-house method : STM 05-007 based on United States Environmental Protection Agency, 2002, EPA Method 1631, Revision E	Bangkok

Guideline : Notification of the National Environmental Board, B.E.2564 : Coastal Water Quality Standard (Class 5)

Sampling By : Narunat thammassaro โทร 08-323-9-9477

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Thailand 10500

P/O : สี่แยกจรัญ

Project Name : Project AIE Rayong

Project Location :



TESTING
No.0009
Lot ID: 22136592

Date Received : Dec 20, 2022

Date Reported : Dec 27, 2022

Report Number : 2487120-1

Page 12 of 12

Sample Number	22136592-6						
Sampled Date	Dec 20, 2022 10:03 AM						
Sample Description	Seawater						
Location	CW6-500 (พื้นที่ 500 เมตร จากปากคลองบางมด)						
Date Analysis Commenced	Dec 21, 2022						
Condition of Sample	Contained in two glass vials and one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Cadmium *	mg/L	0.0009	0.003	Not Detected	≤0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Lead *	mg/L	0.001	0.003	Not Detected	≤0.0085	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Mercury	mg/L	0.000003	0.00005	<0.00005	≤0.0001	In-house method : STM 05-007 based on United States Environmental Protection Agency, 2002, EPA Method 1631, Revision E	Bangkok

Guideline : Notification of the National Environmental Board, B.E.2564 : Coastal Water Quality Standard (Class 5)

Sampling By : Narunat thammassaro โทร 08-323-9-9477

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Thailand 10500

P/O : สัตยธารจักร

Project Name : Project AIE Rayong

Project Location :

Lot ID: 22100516

Date Received : Sep 20, 2022

Date Reported : Sep 24, 2022

Report Number : 2405030-1

Page 1 of 2

Sample Number	22100516-1
Sampled Date	Sep 20, 2022 9:58 AM
Sample Description	Sea Water
Location	CW6-100 (พื้นที่ 100 เมตร จากปากคลองบางนา)
Date Analysis Commenced	Sep 21, 2022
Condition of Sample	Contained in one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Water Testing						
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	32850	APHA (2017), 2540 C	Rayong

Sampled By : Pathompong Kornasawat

Remark :

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

Approved by

N. Banchongkit

Narumon Banchongkit
Supervisor

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Thailand 10500

P/O : สัตยธารจักร

Project Name : Project AIE Rayong

Project Location :

Lot ID: 22100516

Date Received : Sep 20, 2022

Date Reported : Sep 24, 2022

Report Number : 2405030-1

Page 2 of 2

Sample Number	22100516-2
Sampled Date	Sep 20, 2022 10:00 AM
Sample Description	Sea Water
Location	CW6-500 (พื้นที่ 500 เมตร จากปากคลองบางนา)
Date Analysis Commenced	Sep 21, 2022
Condition of Sample	Contained in one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Water Testing						
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	33500	APHA (2017), 2540 C	Rayong

Sampled By : Pathompong Kornasawat

Remark :

- LOD : Limit of Detection
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Approved by

N. Banchongkit

Narumon Banchongkit
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Thailand 10500
P/O : สัตยพร จ้าง
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22136687
Date Received : Dec 20, 2022
Date Reported : Dec 24, 2022
Report Number : 2487242-1

Page 1 of 2

Sample Number 22136687-1
Sampled Date Dec 20, 2022 9:59 AM
Sample Description Sea Water
Location CW6-100 (พระเมรุ 100 เมตร จากปากคลองบางเบิด)
Date Analysis Commenced Dec 21, 2022
Condition of Sample Contained in one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Water Testing						
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	31250	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong

Sampling By : Narunat thammassaro ทะเนนตลลลลล 2-323-จ-9477

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N. Banchongkit

Narumon Banchongkit
Supervisor

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Analysis / Test Report

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O : สัตยพร จ้าง
Project Name : Project AIE Rayong
Project Location :

Lot ID: 22136687
Date Received : Dec 20, 2022
Date Reported : Dec 24, 2022
Report Number : 2487242-1

Page 2 of 2

Sample Number 22136687-2
Sampled Date Dec 20, 2022 10:03 AM
Sample Description Sea Water
Location CW6-500 (พระเมรุ 500 เมตร จากปากคลองบางเบิด)
Date Analysis Commenced Dec 21, 2022
Condition of Sample Contained in one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Water Testing						
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	33050	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong

Sampling By : Narunat thammassaro ทะเนนตลลลลล 2-323-จ-9477

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

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Approved by

N. Banchongkit

Narumon Banchongkit
Supervisor

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Analysis / Test Report



TESTING

No.0042

Lot ID: 2269480

Date Received : Jul 14, 2022

Date Reported : Jul 22, 2022

Report Number : 2382326-1

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermji Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : *ayayayay*

Project Name : Project AIE Rayong

Project Location :

Page 1 of 1

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2	<2	≤20	APHA (2017), 5210 B	Rayong
COD *	mg/L	-	40	62	≤120	APHA (2017), 5220 C	Rayong
Oil & Grease	mg/L	-	3	<3	≤5	Based on APHA (2017), 5520 B	Rayong
pH (on site) *	-	-	-	7.2	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Residual Free Chlorine *	mg/L	-	0.1	<0.1	≤1.0	Based on APHA (2017), 4500-ClF	Rayong
Sulfide *	mg/L	-	0.5	<0.5	≤1.0	Based on APHA (2017), 4500-S2(C), (F)	Rayong
Temperature *	Degree C	-	-	33.9	≤40	Based on APHA (2017), 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	15200	(1)	APHA (2017), 2540 C	Rayong
Total Kjeldahl Nitrogen as N	mg/L	-	1.0	<1.0	≤100	APHA (2017), 4500-Norg (C), NH3 (D)	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	11	≤50	APHA (2017), 2540 D	Rayong

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).
(1) Total Dissolved Solids when discharged to receiving water having TDS > 3,000 mg/L, TDS in the to-be-discharged wastewater can exceed the TDS already found in the receiving water by not higher than 5,000 mg/L.

Sampled By : Narurat thammassaro, Jakkarn Manwicha

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

Technical Management

N. Banphit

Narurat Banphit
Supervisor
โทร 08-9451-3221-9445

Approved by

D. Chongchon

Dej Chongchon
Senior Manager
โทร 08-9451-3221-9442

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Analysis / Test Report



TESTING

No.0009

Lot ID: 2269480

Date Received : Jul 14, 2022

Date Reported : Jul 22, 2022

Report Number : 2382326-2

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermji Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : *ayayayay*

Project Name : Project AIE Rayong

Project Location :

Page 1 of 1

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Arsenic	mg/L	0.0003	0.0005	0.006	≤0.25	Based on APHA (2017), 3125	Bangkok
Barium	mg/L	0.0003	0.0005	0.07	≤1.0	Based on APHA (2017), 3125	Bangkok
Copper	mg/L	0.0003	0.0005	0.01	≤2.0	Based on APHA (2017), 3125	Bangkok
Hexavalent Chromium	mg/L	0.003	0.01	Not Detected	≤0.25	Based on APHA (2017), 3500-Cr (B)	Bangkok
Manganese	mg/L	0.0003	0.0005	0.17	≤5.0	Based on APHA (2017), 3125	Bangkok
Mercury *	mg/L	0.0001	0.0005	Not Detected	≤0.005	Based on APHA (2017), 3112	Bangkok
Selenium	mg/L	0.0003	0.0005	0.0007	≤0.02	Based on APHA (2017), 3125	Bangkok
Zinc	mg/L	0.003	0.005	0.06	≤5.0	Based on APHA (2017), 3125	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).
(1) Total Dissolved Solids when discharged to receiving water having TDS > 3,000 mg/L, TDS in the to-be-discharged wastewater can exceed the TDS already found in the receiving water by not higher than 5,000 mg/L.

Sampled By : Narurat thammassaro, Jakkarn Manwicha

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

Savitree N.

Savitree Naisangiam
Manager
โทร 08-9451-3221-4709

Approved by

Kanokorn Anek

Kanokorn Anek
Senior Manager
โทร 08-9451-3221-6111

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Analysis / Test Report



TESTING

No.0009

Lot ID: 2269480

Date Received : Jul 14, 2022

Date Reported : Jul 22, 2022

Report Number : 2382326-3

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermji Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : *ayayayay*

Project Name : Project AIE Rayong

Project Location :

Page 1 of 2

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Volatiles Organics Compounds							
1,1,1-Trichloroethane	ug/L	1.5	5	Not Detected	No Standard	Based on US EPA, Method 5030B and 8260D	Bangkok
1,1,2-Trichloroethane	ug/L	1.5	5	Not Detected	No Standard	Based on US EPA, Method 5030B and 8260D	Bangkok
1,1-Dichloroethylene	ug/L	1.5	5	Not Detected	No Standard	Based on US EPA, Method 5030B and 8260D	Bangkok
1,2-Dichloroethane	ug/L	1.5	5	Not Detected	No Standard	Based on US EPA, Method 5030B and 8260D	Bangkok
1,3-Dichloropropane	ug/L	1.5	5	Not Detected	No Standard	Based on US EPA, Method 5030B and 8260D	Bangkok
Benzene	ug/L	1.5	5	Not Detected	No Standard	Based on US EPA, Method 5030B and 8260D	Bangkok
Carbon tetrachloride	ug/L	1.5	5	Not Detected	No Standard	Based on US EPA, Method 5030B and 8260D	Bangkok
cis-1,2-Dichloroethylene	ug/L	1.5	5	Not Detected	No Standard	Based on US EPA, Method 5030B and 8260D	Bangkok
Ethylbenzene	ug/L	1.5	5	Not Detected	No Standard	Based on US EPA, Method 5030B and 8260D	Bangkok
Hexachlorobutadiene	ug/L	1.5	5	Not Detected	No Standard	Based on US EPA, Method 5030B and 8260D	Bangkok
Methyl Chloride	ug/L	1.5	5	Not Detected	No Standard	Based on US EPA, Method 5030B and 8260D	Bangkok
Methylene Chloride (Dichloromethane)	ug/L	1.5	5	Not Detected	No Standard	Based on US EPA, Method 5030B and 8260D	Bangkok
Styrene	ug/L	1.5	5	Not Detected	No Standard	Based on US EPA, Method 5030B and 8260D	Bangkok
Tetrachloroethylene	ug/L	1.5	5	Not Detected	No Standard	Based on US EPA, Method 5030B and 8260D	Bangkok
Toluene	ug/L	1.5	5	Not Detected	No Standard	Based on US EPA, Method 5030B and 8260D	Bangkok
Total Xylene	ug/L	1.5	5	Not Detected	No Standard	Based on US EPA, Method 5030B and 8260D	Bangkok
trans-1,2-Dichloroethylene	ug/L	1.5	5	Not Detected	No Standard	Based on US EPA, Method 5030B and 8260D	Bangkok

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Approved by

Siriluk P.

Siriluk Puengpang
Supervisor

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Analysis / Test Report



TESTING

No.0009

Lot ID: 2269480

Date Received : Jul 14, 2022

Date Reported : Jul 22, 2022

Report Number : 2382326-3

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermji Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O : *ayayayay*

Project Name : Project AIE Rayong

Project Location :

Page 2 of 2

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Volatiles Organics Compounds							
Trichloroethylene	ug/L	1.5	5	Not Detected	No Standard	Based on US EPA, Method 5030B and 8260D	Bangkok
Vinyl chloride	ug/L	1.5	5	Not Detected	No Standard	Based on US EPA, Method 5030B and 8260D	Bangkok
Water Testing							
Dissolved Oxygen *	mg/L	-	0.1	5.2	No Standard	Based on APHA (2017), 4500-DO(C)	Rayong
Flow rate *	m3/s	-	-	0.002	No Standard	Flow meter	Rayong

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).
(1) Total Dissolved Solids when discharged to receiving water having TDS > 3,000 mg/L, TDS in the to-be-discharged wastewater can exceed the TDS already found in the receiving water by not higher than 5,000 mg/L.

Sampled By : Narurat thammassaro, Jakkarn Manwicha

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

Siriluk P.

Siriluk Puengpang
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Analysis / Test Report



TESTING
No 0042

Lot ID: 2269480
Date Received : Jul 14, 2022
Date Reported : Jul 22, 2022
Report Number : 2382327-1

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermik Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O : 8997434
Project Name : Project AIE Rayong
Project Location :

Page 1 of 1

Sample Number	2269480-2						
Sampled Date	Jul 14, 2022 2:25 PM						
Sample Description	Wastewater						
Location	Holding Pond 2						
Date Analysis Commenced	Jul 14, 2022						
Condition of Sample	Contained in one BOD bottle, two glass vials and six 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	12	≤20	APHA (2017), 5210 B	Rayong
COD	mg/L	1.5	5	54	≤120	APHA (2017), 5220 D	Rayong
Cyanide as CN	mg/L	0.001	0.005	<0.005	≤0.2	Based on APHA (2017), 4500-CN(C), (E)	Rayong
Formaldehyde	mg/L	0.03	0.1	Not Detected	≤1.0	Wastewater Analysis	Rayong
pH (on site) *	-	-	-	8.1	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Phenol	mg/L	0.005	0.01	Not Detected	≤1.0	APHA (2017), 5530 D	Rayong
Residual Free Chlorine *	mg/L	-	0.1	<0.1	≤1.0	Based on APHA (2017), 4500-Cl(F)	Rayong
Sulfide *	mg/L	-	0.5	<0.5	≤1.0	Based on APHA (2017), 4500-S2(C), (F)	Rayong
Temperature *	Degree C	-	-	33.4	≤40	Based on APHA (2017), 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	1500	≤3000	APHA (2017), 2540 C	Rayong
Total Kjeldahl Nitrogen as N	mg/L	-	1.0	<1.0	≤100	APHA (2017), 4500-Norg (C), NHD (D)	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	24	≤50	APHA (2017), 2540 D	Rayong

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 thammassaro, Jakkarn Manwicha

Remark :
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Technical Management

N. Banongkit

Narunat Banongkit
Supervisor
โทรศัพท์ 0-323-8-9445

Approved by

D. Chanchon

Dej Chanchon
Senior Manager
โทรศัพท์ 0-323-8-9442

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Analysis / Test Report



TESTING
No 0009

Lot ID: 2269480
Date Received : Jul 14, 2022
Date Reported : Jul 22, 2022
Report Number : 2382327-2

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermik Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O : 8997434
Project Name : Project AIE Rayong
Project Location :

Page 1 of 1

Sample Number	2269480-2						
Sampled Date	Jul 14, 2022 2:25 PM						
Sample Description	Wastewater						
Location	Holding Pond 2						
Date Analysis Commenced	Jul 15, 2022						
Condition of Sample	Contained in one BOD bottle, two glass vials and six plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Arsenic	mg/L	0.0003	0.0005	0.005	≤0.25	Based on APHA (2017), 3125	Bangkok
Copper	mg/L	0.0003	0.0005	0.0008	≤2.0	Based on APHA (2017), 3125	Bangkok
Manganese	mg/L	0.0003	0.0005	0.39	≤5.0	Based on APHA (2017), 3125	Bangkok
Mercury *	mg/L	0.0001	0.0005	Not Detected	≤0.005	Based on APHA (2017), 3112	Bangkok
Selenium	mg/L	0.0003	0.0005	Not Detected	≤0.02	Based on APHA (2017), 3125	Bangkok
Zinc	mg/L	0.003	0.005	0.15	≤5.0	Based on APHA (2017), 3125	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).
Sampled By : Narunat thammassaro, Jakkarn Manwicha

Remark :
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Technical Management

Sawitree N.

Sawitree Naisangiam
Manager
โทรศัพท์ 0-204-8-4709

Approved by

Kanokorn Anek

Kanokorn Anek
Senior Manager
โทรศัพท์ 0-204-8-6111

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Analysis / Test Report

Lot ID: 2269480

Date Received : Jul 14, 2022
Date Reported : Jul 22, 2022
Report Number : 2382327-3

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermik Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O : 8997434
Project Name : Project AIE Rayong
Project Location :

Page 1 of 1

Sample Number	2269480-2						
Sampled Date	Jul 14, 2022 2:25 PM						
Sample Description	Wastewater						
Location	Holding Pond 2						
Date Analysis Commenced	Jul 14, 2022						
Condition of Sample	Contained in one BOD bottle, two glass vials and six plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Dissolved Oxygen	mg/L	-	0.1	8.2	No Standard	Based on APHA (2017), 4500 O(C)	Rayong
Flow rate	m³/s	-	-	0.002	No Standard	Flow meter	Rayong

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 thammassaro, Jakkarn Manwicha

Remark :
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Approved by

N. Banongkit

Narunat Banongkit
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Analysis / Test Report

TESTING
No 0042

Lot ID: 2269482
Date Received : Jul 06, 2022
Date Reported : Jul 14, 2022
Report Number : 2335539-1

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermik Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O : 8997434
Project Name : Project AIE Rayong
Project Location :

Page 1 of 2

Sample Number	2269482-1						
Sampled Date	Jul 06, 2022 9:20 AM						
Sample Description	Wastewater						
Location	Equalization Tank (Lift Station)						
Date Analysis Commenced	Jul 06, 2022						
Condition of Sample	Contained in 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	5	≤500	APHA (2017), 5210 B	Rayong
COD	mg/L	1.5	5	39	≤750	APHA (2017), 5220 D	Rayong
Oil & Grease	mg/L	-	3	<3	≤10	Based on APHA (2017), 5520 B	Rayong
pH (on site) *	-	-	-	7.7	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Temperature *	Degree C	-	-	32.8	≤45	Based on APHA (2017), 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	2060	≤3000	APHA (2017), 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	12	≤200	APHA (2017), 2540 D	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.76, B.E. 2560 : Criteria of wastewater characteristic from factory discharge to central wastewater Treatment Plant
Sampled By : Narunat thammassaro

Remark :
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" < " : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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Technical Management

N. Banongkit

Narunat Banongkit
Supervisor
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Approved by

D. Chanchon

Dej Chanchon
Senior Manager
โทรศัพท์ 0-323-8-9442

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5 (Pages), All Quoted 1 (1/2019)



Analysis / Test Report

TESTING
No. 0042

Lot ID: 2269482
Date Received : Jul 06, 2022
Date Reported : Jul 14, 2022
Report Number : 2335539-1

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermik Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O :
Project Name : Project AIE Rayong
Project Location :

Sample Number 2269482-2
Sample Date Jul 06, 2022 9:25 AM
Sample Description Wastewater
Location Inspection Pond (Faculative Pond#4)
Date Analysis Commenced Jul 06, 2022
Condition of Sample Contained in 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	3	≤20	APHA (2017), 5210 B	Rayong
COD	mg/L	1.5	5	44	≤120	APHA (2017), 5220 D	Rayong
Oil & Grease	mg/L	-	3	<3	≤5	Based on APHA (2017), 5520 B	Rayong
pH (on site) *	-	-	-	8.1	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Temperature *	Degree C	-	-	31.1	≤40	Based on APHA (2017), 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	1520	≤3000	APHA (2017), 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	8	≤50	APHA (2017), 2540 D	Rayong

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 : Nannat thammassaro

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

Technical Management

Nannat Banchookit
Supervisor
โทรศัพท์ 0-323-9-9445

Approved by

Dej Changchon
Senior Manager
โทรศัพท์ 0-323-9-9442

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Analysis / Test Report

TESTING
No. 0042

Lot ID: 2269483
Date Received : Jul 14, 2022
Date Reported : Jul 21, 2022
Report Number : 2335538-1

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermik Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O :
Project Name : Project AIE Rayong
Project Location :

Sample Number 2269483-1
Sample Date Jul 14, 2022 9:25 AM
Sample Description Wastewater
Location Equalization Tank (Lift Station)
Date Analysis Commenced Jul 14, 2022
Condition of Sample Contained in 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	5	≤500	APHA (2017), 5210 B	Rayong
COD	mg/L	1.5	5	44	≤750	APHA (2017), 5220 D	Rayong
Oil & Grease	mg/L	-	3	<3	≤10	Based on APHA (2017), 5520 B	Rayong
pH (on site) *	-	-	-	7.2	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Temperature *	Degree C	-	-	31.7	≤45	Based on APHA (2017), 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	2080	≤3000	APHA (2017), 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	17	≤200	APHA (2017), 2540 D	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.76, B.E. 2560 : Criteria of wastewater characteristic from factory discharge to central wastewater Treatment Plant
Sampled By : Nannat thammassaro

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

Nannat Banchookit
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Approved by

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Analysis / Test Report

TESTING
No. 0042

Lot ID: 2269483
Date Received : Jul 14, 2022
Date Reported : Jul 21, 2022
Report Number : 2335538-1

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermik Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O :
Project Name : Project AIE Rayong
Project Location :

Sample Number 2269483-2
Sample Date Jul 14, 2022 9:30 AM
Sample Description Wastewater
Location Inspection Pond (Faculative Pond#4)
Date Analysis Commenced Jul 14, 2022
Condition of Sample Contained in 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	6	≤20	APHA (2017), 5210 B	Rayong
COD	mg/L	1.5	5	51	≤120	APHA (2017), 5220 D	Rayong
Oil & Grease	mg/L	-	3	<3	≤5	Based on APHA (2017), 5520 B	Rayong
pH (on site) *	-	-	-	7.8	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Temperature *	Degree C	-	-	29.8	≤40	Based on APHA (2017), 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	2070	≤3000	APHA (2017), 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	12	≤50	APHA (2017), 2540 D	Rayong

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 : Nannat thammassaro

Remark :
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Approved by

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Analysis / Test Report

TESTING
No. 0042

Lot ID: 2269484
Date Received : Jul 20, 2022
Date Reported : Jul 27, 2022
Report Number : 2335536-1

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermik Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O :
Project Name : Project AIE Rayong
Project Location :

Sample Number 2269484-1
Sample Date Jul 20, 2022 10:00 AM
Sample Description Wastewater
Location Equalization Tank (Lift Station)
Date Analysis Commenced Jul 20, 2022
Condition of Sample Contained in 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	6	≤500	APHA (2017), 5210 B	Rayong
COD	mg/L	1.5	5	39	≤750	APHA (2017), 5220 D	Rayong
Oil & Grease	mg/L	-	3	<3	≤10	Based on APHA (2017), 5520 B	Rayong
pH (on site) *	-	-	-	8.1	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Temperature *	Degree C	-	-	33.7	≤45	Based on APHA (2017), 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	1770	≤3000	APHA (2017), 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	13	≤200	APHA (2017), 2540 D	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.76, B.E. 2560 : Criteria of wastewater characteristic from factory discharge to central wastewater Treatment Plant
Sampled By : Paramet Sattayakun

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

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Analysis / Test Report



TESTING
No.0042

Lot ID: 2269484
Date Received : Jul 20, 2022
Date Reported : Jul 27, 2022
Report Number : 2335536-1

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O : บริษัท
Project Name : Project AIE Rayong
Project Location :

Page 2 of 2

Sample Number	2269484-2						
Sampled Date	Jul 20, 2022 9:57 AM						
Sample Description	Wastewater						
Location	Inspection Pond (Faculative Pond#4)						
Date Analysis Commenced	Jul 20, 2022						
Condition of Sample	Contained in 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	3	≤20	APHA (2017), 5210 B	Rayong
COD	mg/L	1.5	5	44	≤120	APHA (2017), 5220 D	Rayong
Oil & Grease	mg/L	-	3	<3	≤5	Based on APHA (2017), 5520 B	Rayong
pH (on site) *	-	-	-	8.4	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Temperature *	Degree C	-	-	31.0	≤40	Based on APHA (2017), 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	2060	≤3000	APHA (2017), 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	6	≤50	APHA (2017), 2540 D	Rayong

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 : Paramet Sattayakun

Remark :
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Technical Management

N. Banchookit

Approved by

D. Chanchon

Narumon Banchookit
Supervisor
โทรศัพท์ 0-323-9-9445

Dej Chanchon
Senior Manager
โทรศัพท์ 0-323-9-9442

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5 (Supervisor, AL CL-01) (24HR)



Analysis / Test Report



TESTING
No.0042

Lot ID: 2269485
Date Received : Jul 27, 2022
Date Reported : Aug 03, 2022
Report Number : 2335534-1

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O : บริษัท
Project Name : Project AIE Rayong
Project Location :

Page 2 of 2

Sample Number	2269485-2						
Sampled Date	Jul 27, 2022 9:37 AM						
Sample Description	Wastewater						
Location	Inspection Pond (Faculative Pond#4)						
Date Analysis Commenced	Jul 27, 2022						
Condition of Sample	Contained in 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	<2	≤20	APHA (2017), 5210 B	Rayong
COD	mg/L	1.5	5	36	≤120	APHA (2017), 5220 D	Rayong
Oil & Grease	mg/L	-	3	<3	≤5	Based on APHA (2017), 5520 B	Rayong
pH (on site) *	-	-	-	8.0	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Temperature *	Degree C	-	-	30.9	≤40	Based on APHA (2017), 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	1930	≤3000	APHA (2017), 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	<5	≤50	APHA (2017), 2540 D	Rayong

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).

Remark :
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Approved by

N. Banchookit

Narumon Banchookit
Supervisor

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Analysis / Test Report



TESTING
No.0042

Lot ID: 2269485
Date Received : Jul 27, 2022
Date Reported : Aug 03, 2022
Report Number : 2335534-1

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O : บริษัท
Project Name : Project AIE Rayong
Project Location :

Page 1 of 2

Sample Number	2269485-1						
Sampled Date	Jul 27, 2022 9:41 AM						
Sample Description	Wastewater						
Location	Equalization Tank (Lift Station)						
Date Analysis Commenced	Jul 27, 2022						
Condition of Sample	Contained in 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	7	≤500	APHA (2017), 5210 B	Rayong
COD	mg/L	1.5	5	54	≤750	APHA (2017), 5220 D	Rayong
Oil & Grease	mg/L	-	3	<3	≤10	Based on APHA (2017), 5520 B	Rayong
pH (on site) *	-	-	-	7.7	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Temperature *	Degree C	-	-	32.4	≤45	Based on APHA (2017), 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	1860	≤3000	APHA (2017), 2540 C	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	24	≤200	APHA (2017), 2540 D	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.76, B.E. 2560 : Criteria of wastewater characteristic from factory discharge to central wastewater Treatment Plant.

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

N. Banchookit

Narumon Banchookit
Supervisor

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Analysis / Test Report



TESTING
No.0042

Lot ID: 2269487
Date Received : Jul 14, 2022
Date Reported : Jul 21, 2022
Report Number : 2335540-1

Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O : บริษัท
Project Name : Project AIE Rayong
Project Location :

Page 1 of 1

Sample Number	2269487-1						
Sampled Date	Jul 14, 2022 10:00 AM						
Sample Description	Wastewater from Factory						
Location	Indorama Petrochem						
Date Analysis Commenced	Jul 14, 2022						
Condition of Sample	Contained in one amber glass bottle and six 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	6	≤500	APHA (2017), 5210 B	Rayong
COD	mg/L	1.5	5	44	≤750	APHA (2017), 5220 D	Rayong
Cyanide as HCN	mg/L	0.001	0.005	Not Detected	≤0.2	Based on APHA (2017), 4500-CN(C), (E)	Rayong
Formaldehyde	mg/L	0.03	0.1	<0.1	≤1	Wastewater Analysis	Rayong
Oil & Grease	mg/L	-	3	<3	≤10	Based on APHA (2017), 5520 B	Rayong
pH (on site) *	-	-	-	7.2	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Phenol	mg/L	0.005	0.01	Not Detected	≤1	APHA (2017), 5530 D	Rayong
Residual Free Chlorine *	mg/L	-	0.1	<0.1	≤1	Based on APHA (2017), 4500-CL(F)	Rayong
Sulfide *	mg/L	-	0.5	<0.5	≤1.0	Based on APHA (2017), 4500-S2(C), (F)	Rayong
Temperature *	Degree C	-	-	34.7	≤45	Based on APHA (2017), 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	1760	≤3000	APHA (2017), 2540 C	Rayong
Total Kjeldahl Nitrogen as N	mg/L	-	1.0	<1.0	≤100	APHA (2017), 4500-Norg (C), N-H3 (D)	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	16	≤200	APHA (2017), 2540 D	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.76, B.E. 2560 : Criteria of wastewater characteristic from factory discharge to central wastewater Treatment Plant.

Sampled By : Narunat thammassaro, Jakkarin Maniwicha

Remark :
LOD : Limit of Detection
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Technical Management

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Approved by

D. Chanchon

Dej Chanchon
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Analysis / Test Report



TESTING
No.0009

Lot ID: 2269487

Date Received : Jul 14, 2022

Date Reported : Jul 21, 2022

Report Number : 2335540-2

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O :

Project Name : Project AIE Rayong

Project Location :

Sample Number 2269487-1
Sampled Date Jul 14, 2022 10:00 AM
Sample Description Wastewater from Factory
Location Indorama Petrochem
Date Analysis Commenced Jul 15, 2022
Condition of Sample Contained in one amber glass bottle and six plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Iron	mg/L	0.003	0.005	0.44	≤10.0	Based on APHA (2017), 3125	Bangkok
Water Testing							
Chloride as Cl *	mg/L	0.5	1	774	No Standard	Based on APHA (2017), 4500-Cl (D)	Rayong

Guideline : Notification of the Industrial Estate Authority of Thailand No.76, B.E. 2560 : Criteria of wastewater characteristic from factory discharge to central wastewater Treatment Plant

Sampled By : Narunat thammassaro, Jakkarn Manwicha

Remark :
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Approved by

Sawitree Naisangiam
Manager

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Analysis / Test Report



TESTING
No.0042

Lot ID: 2269488

Date Received : Jul 14, 2022

Date Reported : Jul 21, 2022

Report Number : 2335541-1

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O :

Project Name : Project AIE Rayong

Project Location :

Sample Number 2269488-1
Sampled Date Jul 14, 2022 10:30 AM
Sample Description Wastewater from Factory
Location Purac (Thailand)
Date Analysis Commenced Jul 14, 2022
Condition of Sample Contained in one amber glass bottle and six 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	<2	≤20	APHA (2017), 5210 B	Rayong
COD	mg/L	1.5	5	58	≤120	APHA (2017), 5220 D	Rayong
Cyanide as CN	mg/L	0.001	0.005	<0.005	≤0.2	Based on APHA (2017), 4500-CN(C), (F)	Rayong
Formaldehyde	mg/L	0.03	0.1	Not Detected	≤1.0	Wastewater Analysis	Rayong
Oil & Grease	mg/L	-	3	<3	≤5	Based on APHA (2017), 5520 B	Rayong
pH (on site) *	-	-	-	7.3	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Phenol	mg/L	0.005	0.01	Not Detected	≤1.0	APHA (2017), 5530 D	Rayong
Residual Free Chlorine *	mg/L	-	0.1	<0.1	≤1.0	Based on APHA (2017), 4500-Cl(F)	Rayong
Sulfide *	mg/L	-	0.5	<0.5	≤1.0	Based on APHA (2017), 4500-S2(C), (F)	Rayong
Temperature *	Degree C	-	-	32.2	≤40	Based on APHA (2017), 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	7320	(1)	APHA (2017), 2540 C	Rayong
Total Kjeldahl Nitrogen as N	mg/L	-	1.0	<1.0	≤100	APHA (2017), 4500-Norg (C), NH3 (D)	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	12	≤50	APHA (2017), 2540 D	Rayong

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).
(1) Total Dissolved Solids when discharged to receiving water having TDS > 3,000 mg/L, TDS in the to-be-discharged wastewater can exceed the TDS already found in the receiving water by not higher than 5,000 mg/L.

Sampled By : Narunat thammassaro, Jakkarn Manwicha

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

Technical Management

Narumon Banchongkhit
Supervisor
โทรศัพท์ 0-323-9-9445

Approved by

Dej Chanchong
Senior Manager
โทรศัพท์ 0-323-9-9442

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Analysis / Test Report



TESTING
No.0009

Lot ID: 2269488

Date Received : Jul 14, 2022

Date Reported : Jul 21, 2022

Report Number : 2335541-2

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O :

Project Name : Project AIE Rayong

Project Location :

Sample Number 2269488-1
Sampled Date Jul 14, 2022 10:30 AM
Sample Description Wastewater from Factory
Location Purac (Thailand)
Date Analysis Commenced Jul 15, 2022
Condition of Sample Contained in one amber glass bottle and six plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Iron	mg/L	0.003	0.005	0.16	No Standard	Based on APHA (2017), 3125	Bangkok
Water Testing							
Chloride as Cl *	mg/L	0.5	1	1897	No Standard	Based on APHA (2017), 4500-Cl (D)	Rayong

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).
(1) Total Dissolved Solids when discharged to receiving water having TDS > 3,000 mg/L, TDS in the to-be-discharged wastewater can exceed the TDS already found in the receiving water by not higher than 5,000 mg/L.

Sampled By : Narunat thammassaro, Jakkarn Manwicha

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Approved by

Sawitree Naisangiam
Manager

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Analysis / Test Report



TESTING
No.0042

Lot ID: 2269490

Date Received : Jul 14, 2022

Date Reported : Jul 21, 2022

Report Number : 2335542-1

Client : Asia Industrial Estate Co., Ltd.

49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500

P/O :

Project Name : Project AIE Rayong

Project Location :

Sample Number 2269490-1
Sampled Date Jul 14, 2022 2:35 PM
Sample Description Wastewater from Factory
Location Dow Chemical
Date Analysis Commenced Jul 14, 2022
Condition of Sample Contained in one amber glass bottle and six 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	<2	≤20	APHA (2017), 5210 B	Rayong
COD	mg/L	1.5	5	34	≤120	APHA (2017), 5220 D	Rayong
Cyanide as CN	mg/L	0.001	0.005	Not Detected	≤0.2	Based on APHA (2017), 4500-CN(C), (F)	Rayong
Formaldehyde	mg/L	0.03	0.1	Not Detected	≤1.0	Wastewater Analysis	Rayong
Oil & Grease	mg/L	-	3	<3	≤5	Based on APHA (2017), 5520 B	Rayong
pH (on site) *	-	-	-	7.8	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Phenol	mg/L	0.005	0.01	Not Detected	≤1.0	APHA (2017), 5530 D	Rayong
Residual Free Chlorine *	mg/L	-	0.1	<0.1	≤1.0	Based on APHA (2017), 4500-Cl(F)	Rayong
Sulfide *	mg/L	-	0.5	<0.5	≤1.0	Based on APHA (2017), 4500-S2(C), (F)	Rayong
Temperature *	Degree C	-	-	34.1	≤40	Based on APHA (2017), 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	960	≤3000	APHA (2017), 2540 C	Rayong
Total Kjeldahl Nitrogen as N	mg/L	-	1.0	<1.0	≤100	APHA (2017), 4500-Norg (C), NH3 (D)	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	<5	≤50	APHA (2017), 2540 D	Rayong

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 thammassaro, Jakkarn Manwicha

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Technical Management

Narumon Banchongkhit
Supervisor
โทรศัพท์ 0-323-9-9445

Approved by

Dej Chanchong
Senior Manager
โทรศัพท์ 0-323-9-9442

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Analysis / Test Report

TESTING
No.0009Lot ID: 2269490
Date Received : Jul 14, 2022
Date Reported : Jul 21, 2022
Report Number : 2335542-2Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O : บริษัท อีสตา
Project Name : Project AIE Rayong
Project Location :

Page 1 of 1

Sample Number	2269490-1						
Sample Date	Jul 14, 2022 2:35 PM						
Sample Description	Wastewater from Factory						
Location	Dow Chemical						
Date Analysis Commenced	Jul 15, 2022						
Condition of Sample	Contained in one amber glass bottle and six plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Iron	mg/L	0.003	0.005	0.08	No Standard	Based on APHA (2017), 3125	Bangkok
Water Testing							
Chloride as Cl *	mg/L	0.5	1	184	No Standard	Based on APHA (2017), 4500-Cl (D)	Rayong

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 thammassaro, Jakkarn Manwicha

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Approved by

Savitree N.
Savitree Nisangam
Manager

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Analysis / Test Report

TESTING
No.0042Lot ID: 2269493
Date Received : Jul 14, 2022
Date Reported : Jul 21, 2022
Report Number : 2335544-1Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O : บริษัท อีสตา
Project Name : Project AIE Rayong
Project Location :

Page 1 of 1

Sample Number	2269493-1						
Sampled Date	Jul 14, 2022 2:05 PM						
Sample Description	Wastewater from Factory						
Location	GPSC						
Date Analysis Commenced	Jul 14, 2022						
Condition of Sample	Contained in one amber glass bottle and six 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	3	≤20	APHA (2017), 5210 B	Rayong
COD	mg/L	1.5	5	32	≤120	APHA (2017), 5220 D	Rayong
Cyanide as CN	mg/L	0.001	0.005	Not Detected	≤0.2	Based on APHA (2017), 4500-CN(C), (E)	Rayong
Formaldehyde	mg/L	0.03	0.1	<0.1	≤1.0	Wastewater Analysis	Rayong
Oil & Grease	mg/L	-	3	<3	≤5	Based on APHA (2017), 5520 B	Rayong
pH (on site) *	-	-	-	7.9	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Phenol	mg/L	0.005	0.01	Not Detected	≤1.0	APHA (2017), 5530 D	Rayong
Residual Free Chlorine *	mg/L	-	0.1	<0.1	≤1.0	Based on APHA (2017), 4500-Cl(F)	Rayong
Sulfide *	mg/L	-	0.5	<0.5	≤1.0	Based on APHA (2017), 4500-S(C), (F)	Rayong
Temperature *	Degree C	-	-	32.0	≤40	Based on APHA (2017), 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	512	≤3000	APHA (2017), 2540 C	Rayong
Total Kjeldahl Nitrogen as N	mg/L	-	1.0	<1.0	≤100	APHA (2017), 4500-Nitrogen (C), NH3 (D)	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	<5	≤50	APHA (2017), 2540 D	Rayong

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 thammassaro, Jakkarn Manwicha

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Technical Management

N. Banngit
Narumon Banchongit
Supervisor
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Approved by

Dej Changchon
Senior Manager
โทรศัพท์มือถือ 3-323-9-9442

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Analysis / Test Report

TESTING
No.0009Lot ID: 2269493
Date Received : Jul 14, 2022
Date Reported : Jul 21, 2022
Report Number : 2335542-2Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O : บริษัท อีสตา
Project Name : Project AIE Rayong
Project Location :

Page 1 of 1

Sample Number	2269493-1						
Sample Date	Jul 14, 2022 2:05 PM						
Sample Description	Wastewater from Factory						
Location	GPSC						
Date Analysis Commenced	Jul 15, 2022						
Condition of Sample	Contained in one amber glass bottle and six plastic bottles. Sample containers comply to pretreatment - preservation standards (APHA / USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Iron	mg/L	0.003	0.005	0.16	No Standard	Based on APHA (2017), 3125	Bangkok
Water Testing							
Chloride as Cl *	mg/L	0.5	1	168	No Standard	Based on APHA (2017), 4500-Cl (D)	Rayong

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 thammassaro, Jakkarn Manwicha

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Approved by

Savitree N.
Savitree Nisangam
Manager

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Analysis / Test Report

TESTING
No.0042Lot ID: 2269494
Date Received : Jul 12, 2022
Date Reported : Jul 20, 2022
Report Number : 2335545-1Client : Asia Industrial Estate Co., Ltd.
49 Soi Pipat (Silom 3) Asia Sermkij Tower, 7th Floor, Silom Road, Bang Rak, Bangkok
Thailand 10500
P/O : บริษัท อีสตา
Project Name : Project AIE Rayong
Project Location :

Page 1 of 1

Sample Number	2269494-1						
Sample Date	Jul 12, 2022 11:00 AM						
Sample Description	Wastewater from ASM						
Location	Wastewater from ASM						
Date Analysis Commenced	Jul 12, 2022						
Condition of Sample	Contained in one amber glass bottle and seven 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	4	≤20	APHA (2017), 5210 B	Rayong
COD *	mg/L	1.5	5	92	≤120	APHA (2017), 5220 B	Rayong
Cyanide as CN	mg/L	0.001	0.005	Not Detected	≤0.2	Based on APHA (2017), 4500-CN(C), (E)	Rayong
Formaldehyde	mg/L	0.03	0.1	Not Detected	≤1.0	Wastewater Analysis	Rayong
Oil & Grease	mg/L	-	3	<3	≤5	Based on APHA (2017), 5520 B	Rayong
pH (on site) *	-	-	-	6.8	5.5-9.0	Based on APHA (2017), 4500-H (B)	Rayong
Phenol	mg/L	0.005	0.01	Not Detected	≤1.0	APHA (2017), 5530 D	Rayong
Residual Free Chlorine *	mg/L	-	0.1	0.2	≤1.0	Based on APHA (2017), 4500-Cl(F)	Rayong
Sulfide *	mg/L	-	0.5	<0.5	≤1.0	Based on APHA (2017), 4500-S(C), (F)	Rayong
Temperature *	Degree C	-	-	33.3	≤40	Based on APHA (2017), 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C *	mg/L	-	5	25220	(1)	APHA (2017), 2540 C	Rayong
Total Kjeldahl Nitrogen as N	mg/L	-	1.0	1.5	≤100	APHA (2017), 4500-Nitrogen (C), NH3 (D)	Rayong
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	17	≤50	APHA (2017), 2540 D	Rayong

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).

(1) Total Dissolved Solids when discharged to receiving water having TDS > 3,000 mg/L, TDS in the to-be-discharged wastewater can exceed the TDS already found in the receiving water by not higher than 5,000 mg/L.

Sampled By : Tanasit Wongachai, Thanasorn Namakuma

Remark :
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Technical Management

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Approved by

Dej Changchon
Senior Manager
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