



## Analysis / Test Report

TESTING  
No.0042

**Client :** B. Grimm Power (AIE-MTP) Limited  
Asia Industrial Estate Maptaphut, Ban Chang, Ban Chang, Rayong 21130  
**P/O :** 221360147  
**Project Name :** BPAM1R  
**Project Location :**

**Lot ID: 2240049**

Date Received : May 04, 2022  
Date Reported : May 10, 2022  
Report Number: 2274136-1

Page 1 of 1

**Sample Description** Air Quality  
**Location** สถานีที่ 1 วัดประทุมมิตรบำรุง (A1)  
**Date Analysis Commenced** May 05, 2022  
**Condition of Sample** Drawn into one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag

Sample Number	Sampled Date	Total Suspended Particulate (mg/m3)	Particulate Matter (PM-10) (mg/m3)	Barometric Pressure (mm Hg)	Atmospheric Temperature (°C)
2240049-1	Apr 27 - Apr 28, 2022	0.019	0.012	757	32
2240049-2	Apr 28 - Apr 29, 2022	0.020	0.011	757	30
2240049-3	Apr 29 - Apr 30, 2022	0.041	0.026	757	31
2240049-4	Apr 30 - May 01, 2022	0.027	0.019	757	32
2240049-5	May 01 - May 02, 2022	0.028	0.008	757	30
2240049-6	May 02 - May 03, 2022	0.014	0.008	757	30
2240049-7	May 03 - May 04, 2022	0.019	0.010	757	31
<b>Guideline</b>		0.33	0.12	-	-

### Reference Method

Total Suspended Particulate : US EPA 40 CFR Part 50 Appendix B  
Particulate Matter (PM-10) : US EPA 40 CFR Part 50 Appendix J

**Guideline :** Notification of the National Environmental Board. No.24, 2004 (B.E.2547) dated September 22, 2004

**Sampled By :** Santi Chaichana

Approved by

*Thanita K.*

Thanita Kulsuriwong  
Scientist (4)

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No.0042

**Client :** B. Grimm Power (AIE-MTP) Limited  
, Asia Industrial Estate Maptaphut, Ban Chang, Ban Chang, Rayong 21130

**P/O :** 221360147

**Project Name :** BPAM1R

**Project Location :**

**Lot ID: 2240049**

Date Received : May 04, 2022

Date Reported : May 10, 2022

Report Number: 2274136-2

Page 1 of 1

<b>Sample Description</b>	Air Quality				
<b>Location</b>	สถานีที่ 2 โรงเรียนระยองวิทยาคมเนินคมอุตสาหกรรม (A2)				
<b>Date Analysis Commenced</b>	May 05, 2022				
<b>Condition of Sample</b>	Drawn into one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag				
Sample Number	Sampled Date	Total Suspended Particulate (mg/m3)	Particulate Matter (PM-10) (mg/m3)	Barometric Pressure (mm Hg)	Atmospheric Temperature (°C)
2240049-8	Apr 27 - Apr 28, 2022	0.042	0.020	757	32
2240049-9	Apr 28 - Apr 29, 2022	0.037	0.014	757	30
2240049-10	Apr 29 - Apr 30, 2022	0.108	0.040	757	31
2240049-11	Apr 30 - May 01, 2022	0.034	0.025	757	32
2240049-12	May 01 - May 02, 2022	0.047	0.022	757	30
2240049-13	May 02 - May 03, 2022	0.032	0.012	757	30
2240049-14	May 03 - May 04, 2022	0.063	0.017	757	31
<b>Guideline</b>		0.33	0.12	-	-

### Reference Method

Total Suspended Particulate : US EPA 40 CFR Part 50 Appendix B

Particulate Matter (PM-10) : US EPA 40 CFR Part 50 Appendix J

**Guideline :** Notification of the National Environmental Board. No.24, 2004 (B.E.2547) dated September 22, 2004

**Sampled By :** Santi Chaichana

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**P/O :** 221360147  
**Project Name :** BPAM1R  
**Project Location :**

**Lot ID: 2240049**

Date Received : May 04, 2022  
Date Reported : May 10, 2022  
Report Number: 2274136-3

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<b>Sample Description</b>	Air Quality
<b>Location</b>	สถานีที่ 3 บ้านสำนักมะม่วง (A3)
<b>Date Analysis Commenced</b>	May 05, 2022
<b>Condition of Sample</b>	Drawn into one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag

Sample Number	Sampled Date	Total Suspended Particulate (mg/m3)	Particulate Matter (PM-10) (mg/m3)	Barometric Pressure (mm Hg)	Atmospheric Temperature (°C)
2240049-15	Apr 27 - Apr 28, 2022	0.023	0.013	757	32
2240049-16	Apr 28 - Apr 29, 2022	0.027	0.013	757	30
2240049-17	Apr 29 - Apr 30, 2022	0.054	0.027	757	31
2240049-18	Apr 30 - May 01, 2022	0.043	0.017	757	32
2240049-19	May 01 - May 02, 2022	0.035	0.016	757	30
2240049-20	May 02 - May 03, 2022	0.044	0.017	757	30
2240049-21	May 03 - May 04, 2022	0.038	0.013	757	31
<b>Guideline</b>		0.33	0.12	-	-

### Reference Method

Total Suspended Particulate : US EPA 40 CFR Part 50 Appendix B  
Particulate Matter (PM-10) : US EPA 40 CFR Part 50 Appendix J

**Guideline :** Notification of the National Environmental Board. No.24, 2004 (B.E.2547) dated September 22, 2004

**Sampled By :** Santi Chaichana

Approved by

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No.0042

**Client :** B. Grimm Power (AIE-MTP) Limited  
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**P/O :** 221360147  
**Project Name :** BPAM1R  
**Project Location :**

**Lot ID: 2240049**

Date Received : May 04, 2022  
Date Reported : May 10, 2022  
Report Number: 2274136-4

Page 1 of 1

<b>Sample Description</b>	Air Quality
<b>Location</b>	สถานีที่ 4 โรงเรียนอนุบาลรักภาษา (A4)
<b>Date Analysis Commenced</b>	May 05, 2022
<b>Condition of Sample</b>	Drawn into one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag

Sample Number	Sampled Date	Total Suspended Particulate (mg/m3)	Particulate Matter (PM-10) (mg/m3)	Barometric Pressure (mm Hg)	Atmospheric Temperature (°C)
2240049-22	Apr 27 - Apr 28, 2022	0.019	0.010	757	32
2240049-23	Apr 28 - Apr 29, 2022	0.018	0.012	757	30
2240049-24	Apr 29 - Apr 30, 2022	0.055	0.027	757	31
2240049-25	Apr 30 - May 01, 2022	0.027	0.016	757	32
2240049-26	May 01 - May 02, 2022	0.030	0.016	757	30
2240049-27	May 02 - May 03, 2022	0.018	0.010	757	30
2240049-28	May 03 - May 04, 2022	0.021	0.010	757	31
<b>Guideline</b>		0.33	0.12	-	-

### Reference Method

Total Suspended Particulate : US EPA 40 CFR Part 50 Appendix B  
Particulate Matter (PM-10) : US EPA 40 CFR Part 50 Appendix J

**Guideline :** Notification of the National Environmental Board. No.24, 2004 (B.E.2547) dated September 22, 2004

**Sampled By :** Santi Chaichana

Approved by

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## Analysis / Test Report

**Client** : B. Grimm Power (AIE-MTP) Limited  
Asia Industrial Estate Maptaphut, Ban Chang, Ban Chang, Rayong 21130  
**P/O** : 221360147  
**Project Name** : BPAM1R  
**Project Location** :

**Lot ID: 2240043**  
Date Received : May 04, 2022  
Date Reported : May 09, 2022  
Report Number : 2305621-1

Page 1 of 1

**Sample Number** : 2240043-1 to 7  
**Parameter** : Temperature  
**Location** : สถานีที่ 1 วัดประทุมมิตตาราม (A1)  
**Sampling Date** : Apr 27 - May 04, 2022  
**Sampling by** : Santi Chaichana

Time	Temperature (°C)						
	Apr 27 - Apr 28, 2022	Apr 28 - Apr 29, 2022	Apr 29 - Apr 30, 2022	Apr 30 - May 01, 2022	May 01 - May 02, 2022	May 02 - May 03, 2022	May 03 - May 04, 2022
12:00 PM - 01:00 PM	33.4	37.3	32.0	33.6	32.2	37.2	35.7
01:00 PM - 02:00 PM	34.9	37.2	33.7	33.0	32.1	34.6	35.5
02:00 PM - 03:00 PM	37.1	38.4	34.7	33.2	34.9	35.1	35.2
03:00 PM - 04:00 PM	35.2	36.4	35.5	32.7	34.9	34.6	34.1
04:00 PM - 05:00 PM	33.6	34.9	32.8	30.7	32.6	33.5	33.5
05:00 PM - 06:00 PM	32.4	33.1	30.2	29.9	31.0	31.7	32.3
06:00 PM - 07:00 PM	30.2	31.3	27.6	27.8	28.9	30.0	30.6
07:00 PM - 08:00 PM	29.4	30.0	27.1	26.7	27.6	28.9	29.4
08:00 PM - 09:00 PM	28.3	29.7	26.6	26.1	26.5	27.2	28.0
09:00 PM - 10:00 PM	27.5	28.8	25.4	25.0	25.5	26.3	27.2
10:00 PM - 11:00 PM	26.9	29.1	24.8	25.2	24.9	25.6	26.1
11:00 PM - 12:00 AM	26.6	26.8	24.8	24.4	24.0	25.2	25.7
12:00 AM - 01:00 AM	26.3	26.2	24.4	23.6	23.5	24.6	25.0
01:00 AM - 02:00 AM	25.3	25.2	23.7	23.0	23.3	24.4	24.6
02:00 AM - 03:00 AM	25.0	25.1	23.3	22.1	22.9	23.6	24.0
03:00 AM - 04:00 AM	24.7	25.3	22.6	22.5	22.4	23.8	23.2
04:00 AM - 05:00 AM	24.4	25.0	22.3	22.1	22.2	22.9	23.0
05:00 AM - 06:00 AM	24.2	24.4	21.6	21.6	21.7	22.5	22.4
06:00 AM - 07:00 AM	24.2	23.3	22.2	21.5	21.6	22.1	22.1
07:00 AM - 08:00 AM	24.5	23.1	22.2	21.7	21.9	22.7	22.3
08:00 AM - 09:00 AM	26.9	26.6	25.2	25.2	25.1	26.5	26.5
09:00 AM - 10:00 AM	29.5	28.7	28.1	28.6	29.8	29.8	31.5
10:00 AM - 11:00 AM	31.4	31.7	31.3	30.0	33.3	31.5	31.2
11:00 AM - 12:00 PM	34.5	32.5	32.1	32.1	34.9	33.0	31.4
Average - 24 hr	29.0	29.6	27.3	26.8	27.4	28.2	28.4
Max - 1 hr	37.1	38.4	35.5	33.6	34.9	37.2	35.7
Min - 1 hr	24.2	23.1	21.6	21.5	21.6	22.1	22.1

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Approved by

Sarayuth Jittrantont  
Assistant General Manager



## Analysis / Test Report

**Client** : B. Grimm Power (AIE-MTP) Limited  
 , Asia Industrial Estate Maptaphut, Ban Chang, Ban Chang, Rayong 21130  
**P/O** : 221360147  
**Project Name** : BPAM1R  
**Project Location** :

**Lot ID: 2240043**  
Date Received : May 04, 2022  
Date Reported : May 09, 2022  
Report Number : 2305634-1

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**Sample Number** : 2240043-8 to 14  
**Parameter** : Temperature  
**Location** : สถานีที่ 2 โรงเรียนระยองวิทยาคมนิคมอุตสาหกรรม (A2)  
**Sampling Date** : Apr 27 - May 04, 2022  
**Sampling by** : Santi Chaichana

Time	Temperature (°C)						
	Apr 27 - Apr 28, 2022	Apr 28 - Apr 29, 2022	Apr 29 - Apr 30, 2022	Apr 30 - May 01, 2022	May 01 - May 02, 2022	May 02 - May 03, 2022	May 03 - May 04, 2022
10:00 AM - 11:00 AM	30.7	31.8	29.6	29.6	28.5	31.8	33.0
11:00 AM - 12:00 PM	33.5	35.2	33.7	33.0	30.5	36.8	35.7
12:00 PM - 01:00 PM	35.7	38.0	35.2	36.7	33.6	37.3	39.3
01:00 PM - 02:00 PM	36.8	35.1	33.3	36.2	34.5	39.3	39.5
02:00 PM - 03:00 PM	38.6	37.2	38.5	35.5	35.3	40.8	40.5
03:00 PM - 04:00 PM	34.7	35.2	36.7	33.4	36.9	39.4	39.0
04:00 PM - 05:00 PM	35.5	35.1	34.5	35.5	32.3	37.1	37.5
05:00 PM - 06:00 PM	32.0	32.5	30.7	32.2	30.3	33.5	35.0
06:00 PM - 07:00 PM	29.2	30.3	27.6	27.6	28.3	30.0	29.9
07:00 PM - 08:00 PM	27.9	29.2	26.3	26.2	27.5	27.8	28.1
08:00 PM - 09:00 PM	27.5	29.0	25.7	25.6	25.9	27.4	27.8
09:00 PM - 10:00 PM	26.8	27.9	25.6	25.0	25.2	26.2	26.9
10:00 PM - 11:00 PM	26.2	28.3	24.6	24.5	24.5	25.6	26.3
11:00 PM - 12:00 AM	25.8	27.4	24.7	24.5	24.1	25.3	25.7
12:00 AM - 01:00 AM	25.4	25.9	24.5	23.6	23.7	24.8	24.7
01:00 AM - 02:00 AM	24.7	25.1	24.0	22.8	23.5	24.2	24.1
02:00 AM - 03:00 AM	24.2	24.5	23.4	22.6	23.0	23.7	23.4
03:00 AM - 04:00 AM	23.9	25.2	22.8	22.4	22.9	23.3	23.0
04:00 AM - 05:00 AM	23.6	25.0	22.1	21.9	22.4	22.6	22.7
05:00 AM - 06:00 AM	23.6	24.1	21.7	21.4	22.0	22.5	22.4
06:00 AM - 07:00 AM	23.6	23.0	21.4	21.4	21.9	22.2	21.9
07:00 AM - 08:00 AM	23.5	22.4	22.0	21.7	21.8	22.3	22.2
08:00 AM - 09:00 AM	25.1	23.7	22.9	23.6	23.7	24.4	24.4
09:00 AM - 10:00 AM	27.3	25.8	24.6	25.8	26.4	27.3	24.1
Average - 24 hr	28.6	29.0	27.3	27.2	27.0	29.0	29.0
Max - 1 hr	38.6	38.0	38.5	36.7	36.9	40.8	40.5
Min - 1 hr	23.5	22.4	21.4	21.4	21.8	22.2	21.9

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Approved by

Sarayuth Jittrantont  
Assistant General Manager



## Analysis / Test Report

**Client** : B. Grimm Power (AIE-MTP) Limited  
          , Asia Industrial Estate Maptaphut, Ban Chang, Ban Chang, Rayong 21130  
**P/O** : 221360147  
**Project Name** : BPAM1R  
**Project Location** :

**Lot ID: 2240043**  
Date Received : May 04, 2022  
Date Reported : May 09, 2022  
Report Number : 2274123-1

Page 1 of 1

**Sample Number** : 2240043-15 to 21  
**Parameter** : Temperature  
**Location** : สถานีที่ 3 บ้านสำนักมะม่วง (A3)  
**Sampling Date** : Apr 27 - May 04, 2022  
**Sampling by** : Santi Chaichana

Time	Temperature (°C)						
	Apr 27 - Apr 28, 2022	Apr 28 - Apr 29, 2022	Apr 29 - Apr 30, 2022	Apr 30 - May 01, 2022	May 01 - May 02, 2022	May 02 - May 03, 2022	May 03 - May 04, 2022
11:00 AM - 12:00 PM	32.1	33.7	31.9	34.2	35.8	33.6	33.1
12:00 PM - 01:00 PM	32.4	35.7	32.7	33.9	35.7	33.9	34.3
01:00 PM - 02:00 PM	34.3	38.2	32.9	32.5	32.6	33.7	34.6
02:00 PM - 03:00 PM	33.0	34.3	33.7	32.3	33.9	33.5	33.6
03:00 PM - 04:00 PM	33.8	35.2	33.1	31.7	33.0	33.0	33.0
04:00 PM - 05:00 PM	32.4	33.5	31.3	30.3	32.3	32.4	32.4
05:00 PM - 06:00 PM	31.0	32.5	28.8	29.5	30.3	31.2	31.6
06:00 PM - 07:00 PM	28.7	29.9	26.8	27.1	27.1	28.5	29.2
07:00 PM - 08:00 PM	27.3	28.1	24.9	24.9	25.3	26.8	27.4
08:00 PM - 09:00 PM	25.9	27.7	24.0	24.2	24.1	24.9	26.3
09:00 PM - 10:00 PM	25.2	27.0	23.7	23.7	23.2	23.9	24.9
10:00 PM - 11:00 PM	25.5	26.8	23.1	23.4	22.9	23.6	23.9
11:00 PM - 12:00 AM	24.7	26.2	23.2	23.2	22.3	23.1	23.3
12:00 AM - 01:00 AM	24.8	24.0	22.6	22.4	22.3	22.6	23.2
01:00 AM - 02:00 AM	24.2	23.0	22.4	21.4	21.5	22.0	22.3
02:00 AM - 03:00 AM	23.6	22.6	21.8	20.7	21.2	22.3	21.7
03:00 AM - 04:00 AM	23.1	23.7	21.3	21.2	20.9	21.1	20.9
04:00 AM - 05:00 AM	23.0	23.3	20.8	20.6	20.7	20.8	20.9
05:00 AM - 06:00 AM	23.1	23.1	19.9	19.9	20.3	20.5	20.5
06:00 AM - 07:00 AM	22.9	22.0	20.7	19.9	19.8	20.2	19.9
07:00 AM - 08:00 AM	23.8	22.5	22.4	22.1	22.0	22.1	22.6
08:00 AM - 09:00 AM	26.6	27.1	25.8	27.0	26.5	28.1	32.9
09:00 AM - 10:00 AM	29.9	28.6	28.5	29.1	30.3	31.4	32.8
10:00 AM - 11:00 AM	33.4	30.4	31.4	29.7	33.5	32.4	32.9
Average - 24 hr	27.7	28.3	26.2	26.0	26.6	26.9	27.4
Max - 1 hr	34.3	38.2	33.7	34.2	35.8	33.9	34.6
Min - 1 hr	22.9	22.0	19.9	19.9	19.8	20.2	19.9

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Assistant General Manager



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 , Asia Industrial Estate Maptaphut, Ban Chang, Ban Chang, Rayong 21130  
**P/O** : 221360147  
**Project Name** : BPAM1R  
**Project Location** :

**Lot ID: 2240043**  
Date Received : May 04, 2022  
Date Reported : May 09, 2022  
Report Number : 2305644-1

Page 1 of 1

**Sample Number** : 2240043-22 to 28  
**Parameter** : Temperature  
**Location** : สถานีที่ 4 โรงเรียนอนุบาลรักษารักษา (A4)  
**Sampling Date** : Apr 27 - May 04, 2022  
**Sampling by** : Santi Chaichana

Time	Temperature (°C)						
	Apr 27 - Apr 28, 2022	Apr 28 - Apr 29, 2022	Apr 29 - Apr 30, 2022	Apr 30 - May 01, 2022	May 01 - May 02, 2022	May 02 - May 03, 2022	May 03 - May 04, 2022
01:00 PM - 02:00 PM	34.5	34.3	33.4	34.5	32.3	33.4	33.4
02:00 PM - 03:00 PM	35.0	34.0	32.9	29.7	32.9	34.3	32.5
03:00 PM - 04:00 PM	33.2	33.4	31.1	30.9	32.1	30.3	31.1
04:00 PM - 05:00 PM	32.8	32.8	29.9	33.2	32.7	28.9	30.0
05:00 PM - 06:00 PM	30.9	31.1	29.0	32.1	29.7	27.7	28.8
06:00 PM - 07:00 PM	30.1	30.6	28.2	29.9	28.3	26.4	27.2
07:00 PM - 08:00 PM	29.8	30.3	27.9	29.4	27.8	25.9	26.0
08:00 PM - 09:00 PM	29.4	30.4	27.6	28.7	27.5	25.5	25.3
09:00 PM - 10:00 PM	28.9	24.8	27.5	27.9	27.0	25.4	24.9
10:00 PM - 11:00 PM	29.3	23.8	27.1	27.7	27.1	24.4	24.8
11:00 PM - 12:00 AM	28.9	23.8	26.9	27.7	26.8	24.3	24.6
12:00 AM - 01:00 AM	29.4	24.5	26.8	27.5	27.1	23.7	24.8
01:00 AM - 02:00 AM	29.5	24.4	26.8	27.0	26.8	23.2	24.3
02:00 AM - 03:00 AM	29.5	24.4	27.1	26.8	26.8	23.2	23.9
03:00 AM - 04:00 AM	29.7	24.5	27.1	26.7	26.5	22.9	23.9
04:00 AM - 05:00 AM	29.7	24.6	26.5	26.6	26.2	23.4	23.5
05:00 AM - 06:00 AM	29.4	25.0	25.7	26.6	26.2	23.1	23.3
06:00 AM - 07:00 AM	29.5	26.0	26.5	24.2	26.4	23.4	23.8
07:00 AM - 08:00 AM	31.0	27.5	28.8	24.3	24.9	24.3	25.4
08:00 AM - 09:00 AM	31.8	29.0	30.8	24.4	24.3	26.0	27.7
09:00 AM - 10:00 AM	33.9	30.0	32.6	24.5	24.9	26.5	28.6
10:00 AM - 11:00 AM	33.7	32.2	33.2	25.6	26.6	28.3	28.8
11:00 AM - 12:00 PM	33.9	32.2	34.2	28.6	28.7	29.8	30.0
12:00 PM - 01:00 PM	34.2	35.8	35.8	30.0	31.5	31.5	30.9
Average - 24 hr	31.2	28.7	29.3	28.1	28.0	26.5	27.0
Max - 1 hr	35.0	35.8	35.8	34.5	32.9	34.3	33.4
Min - 1 hr	28.9	23.8	25.7	24.2	24.3	22.9	23.3

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

Sarayuth Jittrantont  
Assistant General Manager





## Analysis / Test Report

**Client** : B. Grimm Power (AIE-MTP) Limited  
 , Asia Industrial Estate Maptaphut, Ban Chang, Ban Chang, Rayong 21130  
**P/O** : 221360147  
**Project Name** : BPAM1R  
**Project Location** :

**Lot ID** : 2240048  
 Date Received : May 04, 2022  
 Date Reported : May 09, 2022  
 Report Number : 2274130-1

Page 1 of 2

**Sample Number** : 2240048-1 to 7  
**Parameter** : Wind Speed / Wind Direction  
**Location** : สถานีที่ 1 วัดประทุมมิตตาราม (A1)  
**Sampling Date** : Apr 27 - May 04, 2022  
**Sampling by** : Santi Chaichana

Time	Apr 27 - Apr 28, 2022			Apr 28 - Apr 29, 2022			Apr 29 - Apr 30, 2022			Apr 30 - May 01, 2022			May 01 - May 02, 2022			May 02 - May 03, 2022			May 03 - May 04, 2022		
	WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)	
12:00 PM - 01:00 PM	1.3	182.0	S	1.0	192.0	SSW	0.7	237.0	WSW	1.1	149.0	SSE	0.2	-	-	5.9	21.0	NNE	0.7	360.0	N
01:00 PM - 02:00 PM	0.9	180.0	S	1.1	283.0	WNW	0.7	334.0	NNW	0.9	210.0	SSW	0.4	207.0	SSW	1.0	35.0	NE	2.0	88.0	E
02:00 PM - 03:00 PM	0.7	181.0	S	1.0	244.0	WSW	0.8	297.0	WNW	0.1	-	-	0.9	253.0	WSW	2.1	13.0	NNE	3.8	17.0	NNE
03:00 PM - 04:00 PM	0.6	185.0	S	1.6	173.0	S	0.1	-	-	0.8	230.0	SW	0.5	167.0	SSE	1.7	90.0	E	1.1	62.0	ENE
04:00 PM - 05:00 PM	0.9	178.0	S	4.9	238.0	WSW	0.7	305.0	NW	1.5	208.0	SSW	0.2	-	-	1.0	32.0	NNE	0.3	36.0	NE
05:00 PM - 06:00 PM	0.3	246.0	WSW	1.6	212.0	SSW	0.1	-	-	0.7	195.0	SSW	0.2	-	-	0.2	-	-	1.0	36.0	NE
06:00 PM - 07:00 PM	0.6	253.0	WSW	1.1	237.0	WSW	0.1	-	-	0.5	158.0	SSE	0.2	-	-	2.0	15.0	NNE	1.6	74.0	ENE
07:00 PM - 08:00 PM	0.5	232.0	SW	0.7	231.0	SW	0.5	352.0	N	0.4	161.0	SSE	0.2	-	-	0.2	-	-	0.4	165.0	SSE
08:00 PM - 09:00 PM	0.4	232.0	SW	1.5	96.0	E	0.4	23.0	NNE	0.5	251.0	WSW	0.4	234.0	SW	0.2	-	-	1.1	31.0	NNE
09:00 PM - 10:00 PM	0.3	166.0	SSE	3.9	341.0	NNW	0.3	32.0	NNE	0.1	-	-	0.5	237.0	WSW	0.2	-	-	1.9	60.0	ENE
10:00 PM - 11:00 PM	0.4	144.0	SE	0.3	19.0	NNE	0.2	-	-	0.4	179.0	S	0.3	236.0	SW	0.2	-	-	1.0	79.0	E
11:00 PM - 12:00 AM	0.4	204.0	SSW	1.2	52.0	NE	0.1	-	-	0.3	182.0	S	0.2	-	-	0.2	-	-	1.5	16.0	NNE
12:00 AM - 01:00 AM	1.0	175.0	S	0.8	257.0	WSW	0.4	107.0	ESE	0.2	-	-	0.5	284.0	WNW	0.8	83.0	E	0.8	81.0	E
01:00 AM - 02:00 AM	2.2	243.0	WSW	0.3	315.0	NW	0.7	220.0	SW	0.1	-	-	0.6	246.0	WSW	1.6	41.0	NE	0.6	47.0	NE
02:00 AM - 03:00 AM	1.2	205.0	SSW	0.3	266.0	W	0.3	137.0	SE	0.4	188.0	S	0.5	360.0	N	1.4	50.0	NE	1.2	38.0	NE
03:00 AM - 04:00 AM	0.3	180.0	S	0.3	67.0	ENE	0.7	104.0	ESE	0.1	-	-	0.2	-	-	2.9	61.0	ENE	0.6	30.0	NNE
04:00 AM - 05:00 AM	1.0	204.0	SSW	1.0	67.0	ENE	0.5	91.0	E	0.7	35.0	NE	0.4	47.0	NE	0.6	96.0	E	1.4	12.0	NNE
05:00 AM - 06:00 AM	0.3	222.0	SW	0.9	342.0	NNW	0.1	-	-	1.5	41.0	NE	0.7	38.0	NE	1.0	79.0	E	0.5	360.0	N
06:00 AM - 07:00 AM	0.5	146.0	SE	1.8	307.0	NW	0.2	-	-	1.1	308.0	NW	2.6	46.0	NE	2.1	344.0	NNW	1.5	51.0	NE
07:00 AM - 08:00 AM	0.4	195.0	SSW	2.2	349.0	N	0.1	-	-	0.2	-	-	0.4	73.0	ENE	0.9	53.0	NE	1.4	46.0	NE
08:00 AM - 09:00 AM	1.0	229.0	SW	1.9	339.0	NNW	1.0	109.0	ESE	0.9	36.0	NE	1.0	53.0	NE	2.8	44.0	NE	1.0	66.0	ENE
09:00 AM - 10:00 AM	0.6	221.0	SW	2.0	36.0	NE	0.1	-	-	0.2	-	-	1.1	39.0	NE	3.0	29.0	NNE	3.0	360.0	N
10:00 AM - 11:00 AM	0.3	79.0	E	0.6	134.0	SE	1.1	136.0	SE	0.2	-	-	0.2	-	-	4.2	23.0	NNE	0.2	-	-
11:00 AM - 12:00 PM	1.2	219.0	SW	0.3	122.0	ESE	1.2	147.0	SSE	0.2	-	-	1.4	71.0	ENE	1.1	100.0	E	0.2	-	-

Reference Method : Cup Anemometer & Anodized Aluminium Vane Method

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Approved by

Sarayuth Jittrantont  
 Assistant General Manager



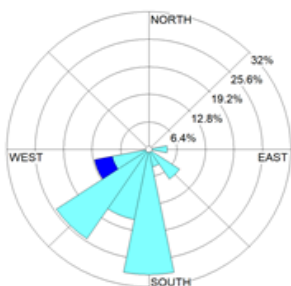
## Analysis / Test Report

**Client** : B. Grimm Power (AIE-MTP) Limited  
          , Asia Industrial Estate Maptaphut, Ban Chang, Ban Chang, Rayong 21130  
**P/O** : 221360147  
**Project Name** : BPAM1R  
**Project Location** :

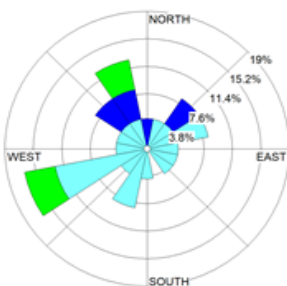
**Lot ID** : 2240048  
Date Received : May 04, 2022  
Date Reported : May 09, 2022  
Report Number : 2274130-1

Page 2 of 2

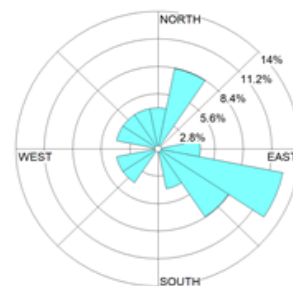
### Wind Rose



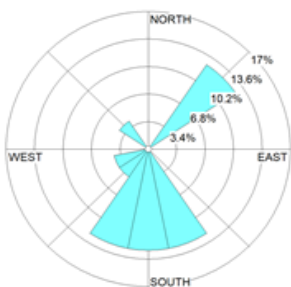
Date : Apr 27-28, 2022



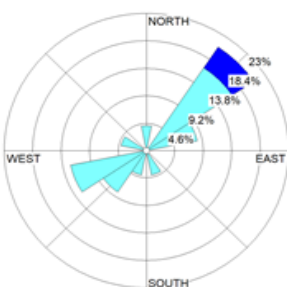
Date : Apr 28-29, 2022



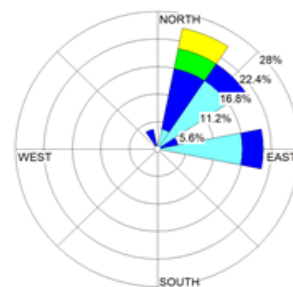
Date : Apr 29-30, 2022



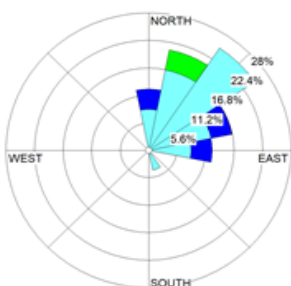
Date : Apr 30-May 01, 2022



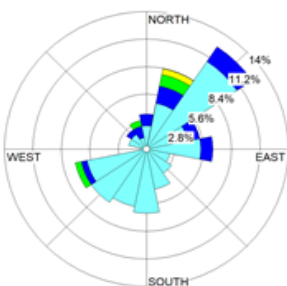
Date : May 01-02, 2022



Date : May 02-03, 2022



Date : May 03-04, 2022



Date : May 27-May 04, 2022

	WS(m/s)	%
	≥ 10.0	0.00
	8.0-10.0	0.00
	5.5-8.0	0.60
	3.3-5.5	2.38
	1.7-3.3	9.52
	0.3-1.7	67.26
	Calms	20.24

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Approved by

Sarayuth Jitranont  
Assistant General Manager



## Analysis / Test Report

**Client** : B. Grimm Power (AIE-MTP) Limited  
 , Asia Industrial Estate Maptaphut, Ban Chang, Ban Chang, Rayong 21130  
**P/O** : 221360147  
**Project Name** : BPAM1R  
**Project Location** :

**Lot ID** : 2240048  
 Date Received : May 04, 2022  
 Date Reported : May 09, 2022  
 Report Number : 2274130-1

Page 1 of 2

**Sample Number** : 2240048-8 to 14  
**Parameter** : Wind Speed / Wind Direction  
**Location** : สถานีที่ 2 โรงเรียนระยองวิทยาคมนิคมอุตสาหกรรม (A2)  
**Sampling Date** : Apr 27 - May 04, 2022  
**Sampling by** : Santi Chaichana

Time	Apr 27 - Apr 28, 2022			Apr 28 - Apr 29, 2022			Apr 29 - Apr 30, 2022			Apr 30 - May 01, 2022			May 01 - May 02, 2022			May 02 - May 03, 2022			May 03 - May 04, 2022		
	WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)	
10:00 AM - 11:00 AM	1.0	165.0	SSE	0.2	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.1	-	-	2.6	353.0	N
11:00 AM - 12:00 PM	1.4	135.0	SE	0.6	169.0	S	0.4	352.0	N	0.0	-	-	0.4	339.0	NNW	1.1	25.0	NNE	3.1	338.0	NNW
12:00 PM - 01:00 PM	1.3	168.0	SSE	1.1	188.0	S	0.0	-	-	0.0	-	-	0.0	-	-	4.0	344.0	NNW	0.3	1.0	N
01:00 PM - 02:00 PM	0.8	201.0	SSW	3.5	208.0	SSW	0.3	249.0	WSW	2.9	107.0	ESE	1.8	143.0	SE	1.0	44.0	NE	0.4	70.0	ENE
02:00 PM - 03:00 PM	0.6	158.0	SSE	1.9	139.0	SE	0.0	-	-	1.4	84.0	E	0.0	-	-	0.0	-	-	0.0	-	-
03:00 PM - 04:00 PM	1.8	128.0	SE	1.4	225.0	SW	0.0	-	-	0.0	-	-	0.0	-	-	1.2	333.0	NNW	0.0	-	-
04:00 PM - 05:00 PM	1.2	181.0	S	1.4	240.0	WSW	0.0	-	-	1.1	223.0	SW	0.0	-	-	0.0	-	-	1.4	0.0	N
05:00 PM - 06:00 PM	0.7	182.0	S	0.9	196.0	SSW	0.0	-	-	0.0	-	-	0.0	-	-	1.0	31.0	NNE	0.0	-	-
06:00 PM - 07:00 PM	1.3	155.0	SSE	0.6	136.0	SE	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.7	16.0	NNE
07:00 PM - 08:00 PM	0.0	-	-	1.0	109.0	ESE	0.0	-	-	0.0	-	-	0.0	-	-	0.4	54.0	NE	0.1	-	-
08:00 PM - 09:00 PM	0.0	-	-	0.1	-	-	0.0	-	-	0.0	-	-	0.0	-	-	1.2	356.0	N	0.0	-	-
09:00 PM - 10:00 PM	0.0	-	-	0.9	203.0	SSW	0.0	-	-	0.0	-	-	0.0	-	-	0.8	332.0	NNW	1.0	346.0	NNW
10:00 PM - 11:00 PM	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.6	349.0	N
11:00 PM - 12:00 AM	0.0	-	-	2.6	340.0	NNW	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-
12:00 AM - 01:00 AM	0.0	-	-	0.8	84.0	E	0.0	-	-	0.0	-	-	0.0	-	-	0.5	0.0	N	0.0	-	-
01:00 AM - 02:00 AM	0.4	175.0	S	0.8	29.0	NNE	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.8	358.0	N
02:00 AM - 03:00 AM	0.9	180.0	S	0.3	28.0	NNE	0.0	-	-	0.0	-	-	0.0	-	-	1.0	14.0	NNE	0.0	-	-
03:00 AM - 04:00 AM	2.1	186.0	S	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	3.5	325.0	NW	0.6	113.0	ESE
04:00 AM - 05:00 AM	1.4	135.0	SE	0.6	280.0	W	0.0	-	-	0.0	-	-	0.0	-	-	0.4	353.0	N	0.8	0.0	N
05:00 AM - 06:00 AM	0.8	182.0	S	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	1.6	305.0	NW	0.7	343.0	NNW
06:00 AM - 07:00 AM	0.7	164.0	SSE	0.3	253.0	WSW	0.0	-	-	1.5	21.0	NNE	3.5	17.0	NNE	2.2	332.0	NNW	5.0	337.0	NNW
07:00 AM - 08:00 AM	1.2	161.0	SSE	2.1	325.0	NW	0.4	4.0	N	0.0	-	-	1.5	286.0	WNW	2.2	351.0	N	0.6	338.0	NNW
08:00 AM - 09:00 AM	1.8	182.0	S	1.0	0.0	N	0.0	-	-	0.0	-	-	0.9	312.0	NW	3.6	263.0	W	1.0	350.0	N
09:00 AM - 10:00 AM	0.7	195.0	SSW	0.6	354.0	N	0.0	-	-	0.0	-	-	0.6	17.0	NNE	1.4	348.0	NNW	1.2	330.0	NNW

Reference Method : Cup Anemometer & Anodized Aluminium Vane Method

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Approved by

Sarayuth Jittrantont  
 Assistant General Manager



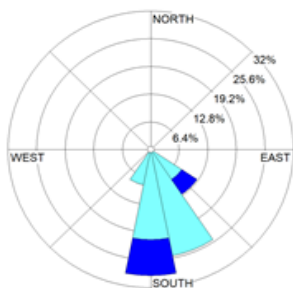
## Analysis / Test Report

**Client** : B. Grimm Power (AIE-MTP) Limited  
Asia Industrial Estate Maptaphut, Ban Chang, Ban Chang, Rayong 21130  
**P/O** : 221360147  
**Project Name** : BPAM1R  
**Project Location** :

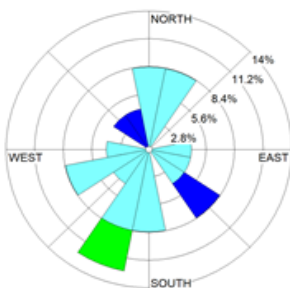
**Lot ID** : 2240048  
Date Received : May 04, 2022  
Date Reported : May 09, 2022  
Report Number : 2274130-1

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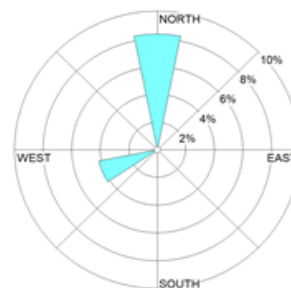
### Wind Rose



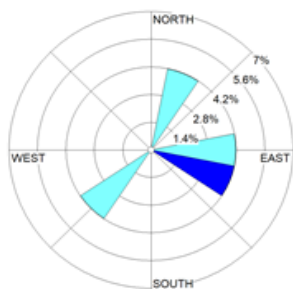
Date : Apr 27-28, 2022



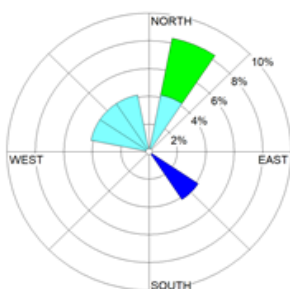
Date : Apr 28-29, 2022



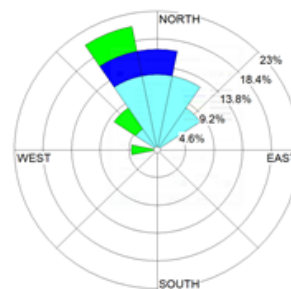
Date : Apr 29-30, 2022



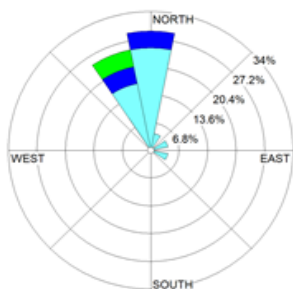
Date : Apr 30-May 01, 2022



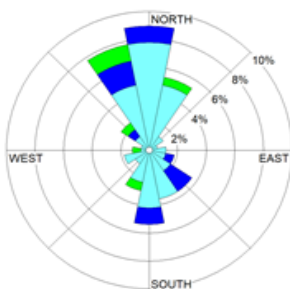
Date : May 01-02, 2022



Date : May 02-03, 2022



Date : May 03-04, 2022



Date : May 27-May 04, 2022

WS(m/s)	%
≥ 10.0	0.00
8.0-10.0	0.00
5.5-8.0	0.00
3.3-5.5	3.57
1.7-3.3	7.14
0.3-1.7	38.69
Calms	50.60

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Sarayuth Jitranont  
Assistant General Manager



## Analysis / Test Report

**Client** : B. Grimm Power (AIE-MTP) Limited  
 , Asia Industrial Estate Maptaphut, Ban Chang, Ban Chang, Rayong 21130  
**P/O** : 221360147  
**Project Name** : BPAM1R  
**Project Location** :

**Lot ID** : 2240048  
 Date Received : May 04, 2022  
 Date Reported : May 09, 2022  
 Report Number : 2274130-1

Page 1 of 2

**Sample Number** : 2240048-15 to 21  
**Parameter** : Wind Speed / Wind Direction  
**Location** : สถานีที่ 3 บ้านสำนักมะม่วง (A3)  
**Sampling Date** : Apr 27 - May 04, 2022  
**Sampling by** : Santi Chaichana

Time	Apr 27 - Apr 28, 2022			Apr 28 - Apr 29, 2022			Apr 29 - Apr 30, 2022			Apr 30 - May 01, 2022			May 01 - May 02, 2022			May 02 - May 03, 2022			May 03 - May 04, 2022		
	WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)	
11:00 AM - 12:00 PM	2.0	203.0	SSW	3.7	229.0	SW	0.4	141.0	SE	3.9	137.0	SE	0.8	12.0	NNE	3.1	37.0	NE	2.8	351.0	N
12:00 PM - 01:00 PM	1.2	209.0	SSW	3.0	206.0	SSW	1.6	137.0	SE	1.5	137.0	SE	1.9	145.0	SE	1.7	71.0	ENE	3.3	336.0	NNW
01:00 PM - 02:00 PM	2.9	183.0	S	2.3	200.0	SSW	2.8	219.0	SW	1.9	185.0	S	2.6	130.0	SE	2.9	24.0	NNE	0.5	359.0	N
02:00 PM - 03:00 PM	1.8	169.0	S	2.7	182.0	S	1.5	181.0	S	3.0	236.0	SW	2.3	130.0	SE	4.0	4.0	N	0.6	68.0	ENE
03:00 PM - 04:00 PM	1.5	74.0	ENE	3.0	196.0	SSW	2.0	282.0	WNW	0.7	327.0	NNW	1.2	134.0	SE	3.0	8.0	N	0.2	-	-
04:00 PM - 05:00 PM	1.7	206.0	SSW	2.5	218.0	SW	2.8	268.0	W	2.3	242.0	WSW	1.4	182.0	S	4.3	29.0	NNE	0.2	-	-
05:00 PM - 06:00 PM	1.0	123.0	ESE	1.6	179.0	S	1.4	259.0	W	2.8	231.0	SW	1.8	190.0	S	3.9	23.0	NNE	1.6	358.0	N
06:00 PM - 07:00 PM	1.0	119.0	ESE	2.0	245.0	WSW	0.6	271.0	W	1.3	238.0	WSW	0.6	136.0	SE	1.6	13.0	NNE	0.2	-	-
07:00 PM - 08:00 PM	0.3	212.0	SSW	3.2	242.0	WSW	0.0	-	-	2.2	223.0	SW	0.0	-	-	4.2	0.0	N	0.9	14.0	NNE
08:00 PM - 09:00 PM	0.0	-	-	0.3	173.0	S	0.0	-	-	0.5	222.0	SW	0.0	-	-	3.2	47.0	NE	0.3	312.0	NW
09:00 PM - 10:00 PM	0.0	-	-	1.2	24.0	NNE	0.6	12.0	NNE	0.0	-	-	0.0	-	-	1.1	18.0	NNE	0.2	-	-
10:00 PM - 11:00 PM	0.8	117.0	ESE	2.7	291.0	WNW	0.0	-	-	0.0	-	-	0.5	291.0	WNW	2.2	325.0	NW	1.2	344.0	NNW
11:00 PM - 12:00 AM	0.4	149.0	SSE	1.5	320.0	NW	0.6	128.0	SE	0.0	-	-	0.0	-	-	2.2	2.0	N	0.8	347.0	NNW
12:00 AM - 01:00 AM	0.4	189.0	S	3.4	13.0	NNE	3.0	126.0	SE	0.0	-	-	1.5	280.0	W	2.7	348.0	NNW	0.2	-	-
01:00 AM - 02:00 AM	2.4	181.0	S	0.0	-	-	1.0	150.0	SSE	0.0	-	-	0.0	-	-	2.1	358.0	N	0.2	-	-
02:00 AM - 03:00 AM	1.0	202.0	SSW	1.6	287.0	WNW	0.0	-	-	0.8	306.0	NW	0.7	306.0	NW	3.9	37.0	NE	1.0	356.0	N
03:00 AM - 04:00 AM	1.2	249.0	WSW	1.4	253.0	WSW	0.7	143.0	SE	0.8	309.0	NW	0.0	-	-	3.1	7.0	N	0.2	-	-
04:00 AM - 05:00 AM	0.6	188.0	S	0.0	-	-	3.0	123.0	ESE	0.0	-	-	0.5	311.0	NW	4.6	26.0	NNE	0.8	111.0	ESE
05:00 AM - 06:00 AM	0.9	155.0	SSE	2.3	9.0	N	0.0	-	-	0.0	-	-	1.1	335.0	NNW	0.6	351.0	N	1.0	358.0	N
06:00 AM - 07:00 AM	1.2	174.0	S	0.0	-	-	0.0	-	-	7.7	28.0	NNE	1.4	359.0	N	1.8	303.0	WNW	0.9	341.0	NNW
07:00 AM - 08:00 AM	1.8	187.0	S	3.8	340.0	NNW	1.4	2.0	N	1.4	28.0	NNE	2.6	14.0	NNE	2.4	330.0	NNW	5.2	335.0	NNW
08:00 AM - 09:00 AM	2.2	171.0	S	2.4	28.0	NNE	0.8	355.0	N	0.0	-	-	3.4	356.0	N	2.4	349.0	N	0.8	336.0	NNW
09:00 AM - 10:00 AM	1.1	180.0	S	4.1	0.0	N	1.0	130.0	SE	0.7	11.0	N	4.5	12.0	NNE	3.8	261.0	W	1.2	348.0	NNW
10:00 AM - 11:00 AM	3.5	238.0	WSW	1.2	354.0	N	1.5	119.0	ESE	1.3	3.0	N	6.3	58.0	ENE	1.6	346.0	NNW	1.4	328.0	NNW

Reference Method : Cup Anemometer & Anodized Aluminium Vane Method

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Approved by

Sarayuth Jittrantont  
 Assistant General Manager



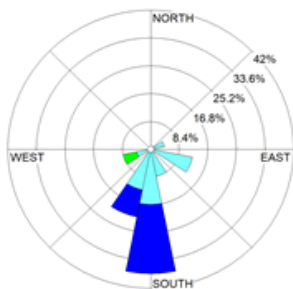
## Analysis / Test Report

**Client** : B. Grimm Power (AIE-MTP) Limited  
          , Asia Industrial Estate Maptaphut, Ban Chang, Ban Chang, Rayong 21130  
**P/O** : 221360147  
**Project Name** : BPAM1R  
**Project Location** :

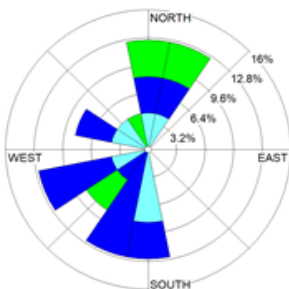
**Lot ID** : 2240048  
Date Received : May 04, 2022  
Date Reported : May 09, 2022  
Report Number : 2274130-1

Page 2 of 2

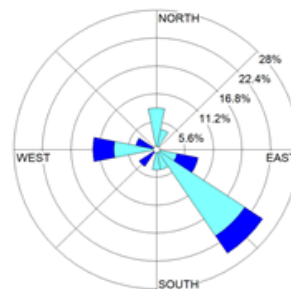
### Wind Rose



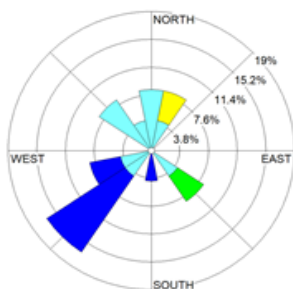
Date : Apr 27-28, 2022



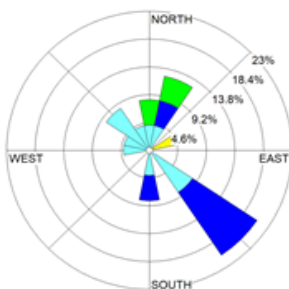
Date : Apr 28-29, 2022



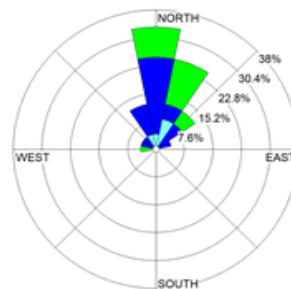
Date : Apr 29-30, 2022



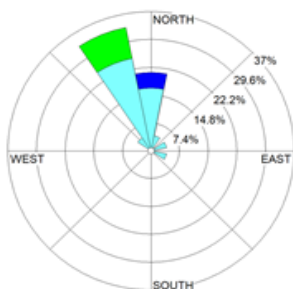
Date : Apr 30-May 01, 2022



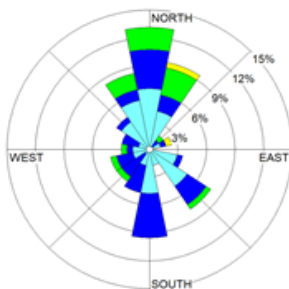
Date : May 01-02, 2022



Date : May 02-03, 2022



Date : May 03-04, 2022



Date : Apr 27-May 04, 2022

	WS(m/s)	%
	≥ 10.0	0.00
	8.0-10.0	0.00
	5.5-8.0	1.19
	3.3-5.5	10.12
	1.7-3.3	27.38
	0.3-1.7	42.26
	Calms	19.05

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Approved by

Sarayuth Jitranont  
Assistant General Manager





## Analysis / Test Report

**Client** : B. Grimm Power (AIE-MTP) Limited  
 , Asia Industrial Estate Maptaphut, Ban Chang, Ban Chang, Rayong 21130  
**P/O** : 221360147  
**Project Name** : BPAM1R  
**Project Location** :

**Lot ID** : 2240048  
 Date Received : May 04, 2022  
 Date Reported : May 09, 2022  
 Report Number : 2274130-1

Page 1 of 2

**Sample Number** : 2240048-22 to 28  
**Parameter** : Wind Speed / Wind Direction  
**Location** : สถานีที่ 4 โรงเรียนอนุบาลระยอง (A4)  
**Sampling Date** : Apr 27 - May 04, 2022  
**Sampling by** : Santi Chaichana

Time	Apr 27 - Apr 28, 2022			Apr 28 - Apr 29, 2022			Apr 29 - Apr 30, 2022			Apr 30 - May 01, 2022			May 01 - May 02, 2022			May 02 - May 03, 2022			May 03 - May 04, 2022		
	WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)	
01:00 PM - 02:00 PM	2.0	255.0	WSW	3.1	223.0	SW	0.7	281.0	W	2.4	258.0	WSW	0.0	-	-	0.4	46.0	NE	1.0	80.0	E
02:00 PM - 03:00 PM	1.7	254.0	WSW	2.7	264.0	W	2.4	327.0	NNW	1.6	29.0	NNE	1.1	282.0	WNW	0.2	-	-	2.4	30.0	NNE
03:00 PM - 04:00 PM	1.5	252.0	WSW	2.6	233.0	SW	1.4	330.0	NNW	0.0	-	-	1.0	233.0	SW	2.6	39.0	NE	0.7	56.0	NE
04:00 PM - 05:00 PM	0.1	-	-	5.0	248.0	WSW	1.2	359.0	N	2.2	270.0	W	1.4	270.0	W	1.9	29.0	NNE	1.9	11.0	N
05:00 PM - 06:00 PM	0.6	257.0	WSW	3.1	242.0	WSW	0.3	25.0	NNE	1.6	255.0	WSW	1.1	233.0	SW	1.3	77.0	ENE	1.0	37.0	NE
06:00 PM - 07:00 PM	0.0	-	-	1.4	261.0	W	0.6	32.0	NNE	0.3	313.0	NW	0.1	-	-	0.5	41.0	NE	1.9	47.0	NE
07:00 PM - 08:00 PM	0.0	-	-	0.0	-	-	0.4	37.0	NE	0.0	-	-	0.0	-	-	1.3	40.0	NE	1.0	62.0	ENE
08:00 PM - 09:00 PM	0.0	-	-	0.8	69.0	ENE	0.5	47.0	NE	0.4	288.0	WNW	0.0	-	-	1.5	30.0	NNE	2.9	30.0	NNE
09:00 PM - 10:00 PM	0.0	-	-	2.7	33.0	NNE	0.0	-	-	0.0	-	-	0.0	-	-	0.8	49.0	NE	1.7	72.0	ENE
10:00 PM - 11:00 PM	0.0	-	-	2.5	22.0	NNE	0.0	-	-	0.0	-	-	0.0	-	-	1.3	33.0	NNE	2.7	35.0	NE
11:00 PM - 12:00 AM	0.0	-	-	1.4	35.0	NE	0.3	60.0	ENE	0.0	-	-	0.2	-	-	0.5	33.0	NNE	1.8	41.0	NE
12:00 AM - 01:00 AM	0.8	243.0	WSW	1.2	258.0	WSW	0.0	-	-	0.0	-	-	0.0	-	-	2.2	27.0	NNE	0.0	-	-
01:00 AM - 02:00 AM	1.1	239.0	WSW	4.0	61.0	ENE	0.0	-	-	0.0	-	-	0.0	-	-	0.7	35.0	NE	1.6	46.0	NE
02:00 AM - 03:00 AM	1.5	247.0	WSW	0.2	-	-	0.0	-	-	0.0	-	-	1.0	13.0	NNE	0.5	359.0	N	0.0	-	-
03:00 AM - 04:00 AM	3.1	216.0	SW	0.8	325.0	NW	0.0	-	-	0.0	-	-	0.6	10.0	N	2.1	40.0	NE	2.0	59.0	ENE
04:00 AM - 05:00 AM	0.7	279.0	W	1.2	27.0	NNE	0.5	29.0	NNE	0.8	25.0	NNE	0.5	49.0	NE	2.0	20.0	NNE	2.2	45.0	NE
05:00 AM - 06:00 AM	1.4	227.0	SW	1.4	349.0	N	0.0	-	-	2.8	38.0	NE	0.7	33.0	NNE	2.0	40.0	NE	1.4	41.0	NE
06:00 AM - 07:00 AM	1.1	211.0	SSW	1.0	359.0	N	0.0	-	-	0.5	113.0	ESE	2.1	44.0	NE	1.1	73.0	ENE	1.5	46.0	NE
07:00 AM - 08:00 AM	0.9	233.0	SW	3.2	35.0	NE	1.5	65.0	ENE	0.0	-	-	3.1	19.0	NNE	0.5	21.0	NNE	0.4	24.0	NNE
08:00 AM - 09:00 AM	2.0	234.0	SW	1.5	29.0	NNE	1.7	223.0	SW	0.2	-	-	0.7	94.0	E	1.7	24.0	NNE	1.4	22.0	NNE
09:00 AM - 10:00 AM	1.9	236.0	SW	2.0	353.0	N	1.2	264.0	W	0.0	-	-	2.0	86.0	E	1.9	45.0	NE	1.2	35.0	NE
10:00 AM - 11:00 AM	1.1	207.0	SSW	1.2	123.0	ESE	0.8	0.0	N	0.3	47.0	NE	2.0	20.0	NNE	2.8	36.0	NE	1.0	26.0	NNE
11:00 AM - 12:00 PM	3.3	229.0	SW	0.6	108.0	ESE	0.5	172.0	S	1.1	101.0	E	1.5	26.0	NNE	1.1	80.0	E	0.9	28.0	NNE
12:00 PM - 01:00 PM	3.6	215.0	SW	2.0	271.0	W	3.2	238.0	WSW	0.0	-	-	1.1	59.0	ENE	3.3	21.0	NNE	2.1	60.0	ENE

Reference Method : Cup Anemometer & Anodized Aluminium Vane Method

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

Sarayuth Jittrantont  
 Assistant General Manager



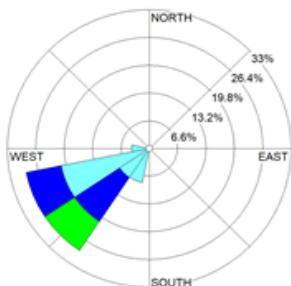
## Analysis / Test Report

**Client** : B. Grimm Power (AIE-MTP) Limited  
Asia Industrial Estate Maptaphut, Ban Chang, Ban Chang, Rayong 21130  
**P/O** : 221360147  
**Project Name** : BPAM1R  
**Project Location** :

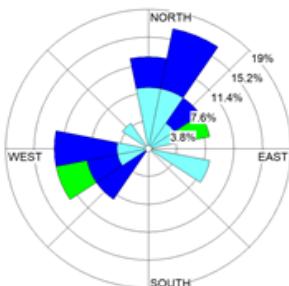
**Lot ID** : 2240048  
Date Received : May 04, 2022  
Date Reported : May 09, 2022  
Report Number : 2274130-1

Page 2 of 2

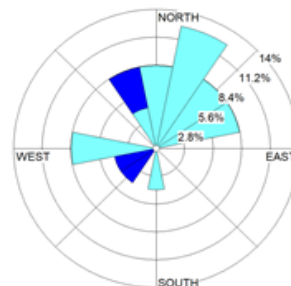
### Wind Rose



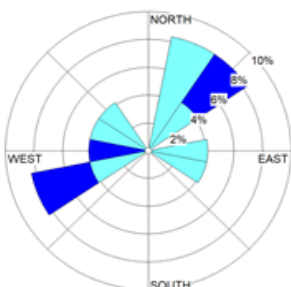
Date : Apr 27-28, 2022



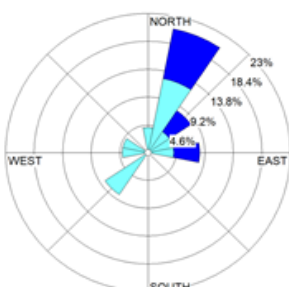
Date : Apr 28-29, 2022



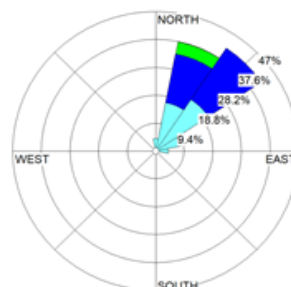
Date : Apr 29-30, 2022



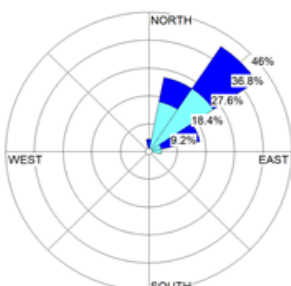
Date : Apr 30-May 01, 2022



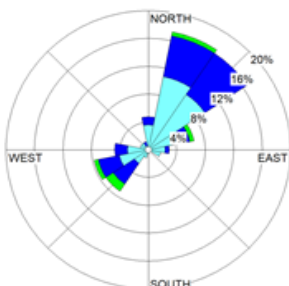
Date : May 01-02, 2022



Date : May 02-03, 2022



Date : May 03-04, 2022



Date : Apr 27-May 04, 2022

WS(m/s)	%
≥ 10.0	0.00
8.0-10.0	0.00
5.5-8.0	0.00
3.3-5.5	2.97
1.7-3.3	25.60
0.3-1.7	46.43
Calms	25.00

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Approved by

Sarayuth Jitranont  
Assistant General Manager





## Analysis / Test Report

**Client :** B. Grimm Power (AIE-MTP) Limited  
 , Asia Industrial Estate Maptaphut, Ban Chang, Ban Chang, Rayong 21130  
**P/O :** 221360147  
**Project Name :** BPAM1R  
**Project Location :**

**Lot ID: 2240058**

Date Received : May 04, 2022  
 Date Reported : May 12, 2022  
 Report Number: 2311449-1

Page 1 of 1

**Sample Number** 2240058-1  
**Parameter** Noise (Leq 24 hrs.)  
**Location** ที่พักอาศัยด้านทิศตะวันตกของพื้นที่โครงการ (N1)  
**Measurement Date** Apr 27 - Apr 28, 2022  
**Measurement by** Santi Chaichana  
**Sound Level meter** Serial No. 597169

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	57.3	93.2	47.3
12:00 PM - 01:00 PM	55.5	76.5	47.4
01:00 PM - 02:00 PM	56.7	71.0	50.5
02:00 PM - 03:00 PM	58.2	83.4	49.8
03:00 PM - 04:00 PM	56.5	79.1	48.7
04:00 PM - 05:00 PM	57.5	81.9	49.5
05:00 PM - 06:00 PM	54.6	75.9	48.4
06:00 PM - 07:00 PM	59.0	86.3	46.9
07:00 PM - 08:00 PM	53.2	79.2	46.2
08:00 PM - 09:00 PM	48.5	77.2	44.5
09:00 PM - 10:00 PM	52.1	79.7	43.7
10:00 PM - 11:00 PM	49.2	80.8	42.7
11:00 PM - 12:00 AM	42.5	55.7	41.0
12:00 AM - 01:00 AM	45.1	59.8	39.8
01:00 AM - 02:00 AM	43.7	79.3	39.1
02:00 AM - 03:00 AM	65.3	93.0	39.3
03:00 AM - 04:00 AM	51.2	74.7	39.0
04:00 AM - 05:00 AM	54.0	73.8	39.0
05:00 AM - 06:00 AM	61.5	86.1	41.5
06:00 AM - 07:00 AM	59.8	81.2	43.1
07:00 AM - 08:00 AM	58.9	82.4	48.9
08:00 AM - 09:00 AM	59.6	76.2	52.7
09:00 AM - 10:00 AM	60.0	73.4	52.2
10:00 AM - 11:00 AM	58.7	74.5	50.4

Leq Average 24 hrs. (dB(A)) 57.7  
 Lmax (dB(A)) 93.2  
 L90 (dB(A)) 46.2  
 Ldn (dB(A)) 64.7  
 Standard (dB(A)) 70

Reference Method : ISO1996-1 and 1996-2

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

**Technical Management**

  
 Sararat Mongkonjirawut  
 Supervisor

**Approved by**

  
 Supot Salamteh  
 Section Head

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## Analysis / Test Report

**Client :** B. Grimm Power (AIE-MTP) Limited  
Asia Industrial Estate Maptaphut, Ban Chang, Ban Chang, Rayong 21130  
**P/O :** 221360147  
**Project Name :** BPAM1R  
**Project Location :**

**Lot ID: 2240058**

Date Received : May 04, 2022  
Date Reported : May 12, 2022  
Report Number: 2311450-1

Page 1 of 1

**Sample Number** 2240058-2  
**Parameter** Noise (Leq 24 hrs.)  
**Location** ที่พักอาศัยด้านทิศตะวันตกของพื้นที่โครงการ (N1)  
**Measurement Date** Apr 28 - Apr 29, 2022  
**Measurement by** Santi Chaichana  
**Sound Level meter** Serial No. 597169

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	57.2	71.8	49.0
12:00 PM - 01:00 PM	58.0	75.6	49.0
01:00 PM - 02:00 PM	57.1	72.3	50.3
02:00 PM - 03:00 PM	57.6	82.7	52.0
03:00 PM - 04:00 PM	58.7	84.9	52.1
04:00 PM - 05:00 PM	58.0	78.5	52.2
05:00 PM - 06:00 PM	55.0	78.9	49.3
06:00 PM - 07:00 PM	58.2	75.5	48.8
07:00 PM - 08:00 PM	53.5	77.7	48.6
08:00 PM - 09:00 PM	64.4	98.3	50.5
09:00 PM - 10:00 PM	63.6	81.2	51.6
10:00 PM - 11:00 PM	53.8	84.1	47.3
11:00 PM - 12:00 AM	52.5	64.8	47.7
12:00 AM - 01:00 AM	47.0	80.7	40.7
01:00 AM - 02:00 AM	44.8	69.9	41.6
02:00 AM - 03:00 AM	48.0	76.3	40.0
03:00 AM - 04:00 AM	45.8	69.2	39.1
04:00 AM - 05:00 AM	50.5	70.2	41.2
05:00 AM - 06:00 AM	56.1	77.5	43.2
06:00 AM - 07:00 AM	59.6	90.3	45.9
07:00 AM - 08:00 AM	53.8	80.2	46.1
08:00 AM - 09:00 AM	54.6	74.8	50.3
09:00 AM - 10:00 AM	55.8	75.3	50.2
10:00 AM - 11:00 AM	53.2	74.8	48.1

Leq Average 24 hrs. (dB(A)) 57.3  
Lmax (dB(A)) 98.3  
L90 (dB(A)) 48.6  
Ldn (dB(A)) 61.2  
Standard (dB(A)) 70

Reference Method : ISO1996-1 and 1996-2

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

Technical Management

  
Sararat Mongkonjirawut  
Supervisor

Approved by

  
Supot Salamteh  
Section Head

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## Analysis / Test Report

**Client :** B. Grimm Power (AIE-MTP) Limited  
Asia Industrial Estate Maptaphut, Ban Chang, Ban Chang, Rayong 21130  
**P/O :** 221360147  
**Project Name :** BPAM1R  
**Project Location :**

**Lot ID: 2240058**

Date Received : May 04, 2022  
Date Reported : May 12, 2022  
Report Number: 2311451-1

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**Sample Number** 2240058-3  
**Parameter** Noise (Leq 24 hrs.)  
**Location** ที่พักอาศัยด้านทิศตะวันตกของพื้นที่โครงการ (N1)  
**Measurement Date** Apr 29 - Apr 30, 2022  
**Measurement by** Santi Chaichana  
**Sound Level meter** Serial No. 597169

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	67.3	100.7	43.7
12:00 PM - 01:00 PM	63.7	96.0	41.6
01:00 PM - 02:00 PM	51.4	73.8	46.4
02:00 PM - 03:00 PM	52.0	77.2	46.7
03:00 PM - 04:00 PM	60.1	93.3	46.5
04:00 PM - 05:00 PM	54.1	79.8	45.9
05:00 PM - 06:00 PM	53.1	76.8	45.8
06:00 PM - 07:00 PM	56.7	84.3	47.6
07:00 PM - 08:00 PM	55.0	83.0	47.4
08:00 PM - 09:00 PM	53.4	84.7	45.2
09:00 PM - 10:00 PM	51.4	81.4	44.7
10:00 PM - 11:00 PM	45.2	67.8	43.0
11:00 PM - 12:00 AM	46.8	68.1	43.6
12:00 AM - 01:00 AM	52.5	83.2	43.6
01:00 AM - 02:00 AM	44.4	71.1	40.8
02:00 AM - 03:00 AM	47.6	79.1	40.8
03:00 AM - 04:00 AM	58.3	85.1	41.0
04:00 AM - 05:00 AM	50.9	69.5	43.0
05:00 AM - 06:00 AM	56.0	83.6	43.5
06:00 AM - 07:00 AM	52.9	77.1	45.0
07:00 AM - 08:00 AM	54.6	80.8	44.9
08:00 AM - 09:00 AM	57.9	91.6	47.7
09:00 AM - 10:00 AM	54.1	80.4	49.0
10:00 AM - 11:00 AM	59.3	85.1	51.5

Leq Average 24 hrs. (dB(A)) 57.8  
Lmax (dB(A)) 100.7  
L90 (dB(A)) 44.9  
Ldn (dB(A)) 61.0  
Standard (dB(A)) 70

Reference Method : ISO1996-1 and 1996-2

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

Technical Management

  
Sararat Mongkonjirawut  
Supervisor

Approved by

  
Supot Salamteh  
Section Head

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## Analysis / Test Report

**Client :** B. Grimm Power (AIE-MTP) Limited  
 , Asia Industrial Estate Maptaphut, Ban Chang, Ban Chang, Rayong 21130  
**P/O :** 221360147  
**Project Name :** BPAM1R  
**Project Location :**

**Lot ID: 2240058**

Date Received : May 04, 2022  
 Date Reported : May 12, 2022  
 Report Number: 2311452-1

Page 1 of 1

**Sample Number** 2240058-4  
**Parameter** Noise (Leq 24 hrs.)  
**Location** ที่พักอาศัยด้านทิศตะวันตกของพื้นที่โครงการ (N1)  
**Measurement Date** Apr 30 - May 01, 2022  
**Measurement by** Santi Chaichana  
**Sound Level meter** Serial No. 597169

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	56.0	80.1	50.6
12:00 PM - 01:00 PM	55.6	80.7	48.4
01:00 PM - 02:00 PM	57.5	78.9	51.0
02:00 PM - 03:00 PM	64.2	98.1	50.3
03:00 PM - 04:00 PM	56.5	83.3	49.2
04:00 PM - 05:00 PM	59.2	85.7	53.0
05:00 PM - 06:00 PM	58.2	81.1	51.4
06:00 PM - 07:00 PM	60.4	83.8	48.3
07:00 PM - 08:00 PM	49.1	67.8	45.9
08:00 PM - 09:00 PM	55.4	82.3	44.5
09:00 PM - 10:00 PM	48.2	79.6	42.6
10:00 PM - 11:00 PM	57.2	90.3	42.5
11:00 PM - 12:00 AM	46.0	65.6	42.1
12:00 AM - 01:00 AM	45.0	73.6	42.2
01:00 AM - 02:00 AM	47.7	74.9	41.6
02:00 AM - 03:00 AM	48.6	75.4	41.8
03:00 AM - 04:00 AM	46.7	73.0	41.3
04:00 AM - 05:00 AM	53.7	75.7	42.7
05:00 AM - 06:00 AM	58.3	75.6	47.4
06:00 AM - 07:00 AM	54.5	79.0	44.2
07:00 AM - 08:00 AM	56.3	77.0	42.9
08:00 AM - 09:00 AM	53.7	79.3	44.2
09:00 AM - 10:00 AM	52.6	79.1	45.1
10:00 AM - 11:00 AM	57.8	79.4	45.7

Leq Average 24 hrs. (dB(A)) 56.6  
 Lmax (dB(A)) 98.1  
 L90 (dB(A)) 44.5  
 Ldn (dB(A)) 60.8  
 Standard (dB(A)) 70

Reference Method : ISO1996-1 and 1996-2

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

**Technical Management**

  
 Sararat Mongkonjirawut  
 Supervisor

**Approved by**

  
 Supot Salamteh  
 Section Head

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## Analysis / Test Report

**Client :** B. Grimm Power (AIE-MTP) Limited  
Asia Industrial Estate Maptaphut, Ban Chang, Ban Chang, Rayong 21130  
**P/O :** 221360147  
**Project Name :** BPAM1R  
**Project Location :**

**Lot ID: 2240058**

Date Received : May 04, 2022  
Date Reported : May 12, 2022  
Report Number: 2311453-1

Page 1 of 1

**Sample Number** 2240058-5  
**Parameter** Noise (Leq 24 hrs.)  
**Location** ที่พักอาศัยด้านทิศตะวันตกของพื้นที่โครงการ (N1)  
**Measurement Date** May 01 - May 02, 2022  
**Measurement by** Santi Chaichana  
**Sound Level meter** Serial No. 597169

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	68.5	95.8	44.0
12:00 PM - 01:00 PM	63.5	95.8	41.4
01:00 PM - 02:00 PM	60.0	92.7	43.8
02:00 PM - 03:00 PM	55.5	79.1	40.7
03:00 PM - 04:00 PM	55.8	79.4	41.1
04:00 PM - 05:00 PM	56.3	81.5	41.3
05:00 PM - 06:00 PM	55.7	82.7	41.7
06:00 PM - 07:00 PM	55.4	79.2	44.0
07:00 PM - 08:00 PM	49.8	76.7	44.6
08:00 PM - 09:00 PM	48.5	79.5	43.5
09:00 PM - 10:00 PM	46.1	70.4	42.3
10:00 PM - 11:00 PM	44.4	75.9	40.8
11:00 PM - 12:00 AM	47.0	78.8	39.4
12:00 AM - 01:00 AM	51.1	79.8	39.2
01:00 AM - 02:00 AM	45.5	75.8	39.6
02:00 AM - 03:00 AM	49.0	75.6	41.0
03:00 AM - 04:00 AM	47.8	71.4	41.0
04:00 AM - 05:00 AM	51.9	76.5	43.8
05:00 AM - 06:00 AM	58.2	81.8	45.9
06:00 AM - 07:00 AM	58.2	79.2	49.0
07:00 AM - 08:00 AM	59.8	80.3	51.2
08:00 AM - 09:00 AM	59.2	75.9	52.4
09:00 AM - 10:00 AM	60.4	83.9	54.3
10:00 AM - 11:00 AM	59.0	74.6	53.4

Leq Average 24 hrs. (dB(A)) 58.7  
Lmax (dB(A)) 95.8  
L90 (dB(A)) 42.3  
Ldn (dB(A)) 61.6  
Standard (dB(A)) 70

Reference Method : ISO1996-1 and 1996-2

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

Technical Management

  
Sararat Mongkonjirawut  
Supervisor

Approved by

  
Supot Salamteh  
Section Head

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## Analysis / Test Report

**Client :** B. Grimm Power (AIE-MTP) Limited  
Asia Industrial Estate Maptaphut, Ban Chang, Ban Chang, Rayong 21130  
**P/O :** 221360147  
**Project Name :** BPAM1R  
**Project Location :**

**Lot ID: 2240058**

Date Received : May 04, 2022  
Date Reported : May 12, 2022  
Report Number: 2311454-1

Page 1 of 1

**Sample Number** 2240058-6  
**Parameter** Noise (Leq 24 hrs.)  
**Location** ที่พักอาศัยด้านทิศตะวันตกของพื้นที่โครงการ (N1)  
**Measurement Date** May 02 - May 03, 2022  
**Measurement by** Santi Chaichana  
**Sound Level meter** Serial No. 597169

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	60.0	87.3	53.8
12:00 PM - 01:00 PM	60.9	85.3	53.7
01:00 PM - 02:00 PM	58.2	83.0	52.4
02:00 PM - 03:00 PM	55.4	76.8	50.9
03:00 PM - 04:00 PM	55.9	76.7	50.3
04:00 PM - 05:00 PM	55.7	76.7	50.7
05:00 PM - 06:00 PM	56.6	84.5	49.4
06:00 PM - 07:00 PM	53.4	74.9	48.0
07:00 PM - 08:00 PM	50.1	75.1	47.2
08:00 PM - 09:00 PM	51.2	80.3	45.8
09:00 PM - 10:00 PM	49.8	76.9	45.4
10:00 PM - 11:00 PM	46.8	57.3	45.5
11:00 PM - 12:00 AM	42.7	55.9	41.2
12:00 AM - 01:00 AM	45.3	60.0	40.0
01:00 AM - 02:00 AM	43.9	79.5	39.3
02:00 AM - 03:00 AM	65.5	93.2	39.5
03:00 AM - 04:00 AM	51.4	74.9	39.2
04:00 AM - 05:00 AM	54.2	74.0	39.2
05:00 AM - 06:00 AM	61.7	86.3	41.7
06:00 AM - 07:00 AM	60.0	81.4	43.3
07:00 AM - 08:00 AM	59.1	82.6	49.1
08:00 AM - 09:00 AM	59.8	76.4	52.9
09:00 AM - 10:00 AM	60.2	73.6	52.4
10:00 AM - 11:00 AM	58.9	74.7	50.6

Leq Average 24 hrs. (dB(A)) 58.0  
Lmax (dB(A)) 93.2  
L90 (dB(A)) 47.2  
Ldn (dB(A)) 64.9  
Standard (dB(A)) 70

Reference Method : ISO1996-1 and 1996-2

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

Technical Management

  
Sararat Mongkonjirawut  
Supervisor

Approved by

  
Supot Salamteh  
Section Head

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## Analysis / Test Report

**Client :** B. Grimm Power (AIE-MTP) Limited  
Asia Industrial Estate Maptaphut, Ban Chang, Ban Chang, Rayong 21130  
**P/O :** 221360147  
**Project Name :** BPAM1R  
**Project Location :**

**Lot ID: 2240058**

Date Received : May 04, 2022  
Date Reported : May 12, 2022  
Report Number: 2311455-1

Page 1 of 1

**Sample Number** 2240058-7  
**Parameter** Noise (Leq 24 hrs.)  
**Location** ที่พักอาศัยด้านทิศตะวันตกของพื้นที่โครงการ (N1)  
**Measurement Date** May 03 - May 04, 2022  
**Measurement by** Santi Chaichana  
**Sound Level meter** Serial No. 597169

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	57.4	72.0	49.2
12:00 PM - 01:00 PM	58.2	75.8	49.2
01:00 PM - 02:00 PM	57.3	72.5	50.5
02:00 PM - 03:00 PM	57.8	82.9	52.2
03:00 PM - 04:00 PM	58.9	85.1	52.3
04:00 PM - 05:00 PM	58.2	78.7	52.4
05:00 PM - 06:00 PM	55.2	79.1	49.5
06:00 PM - 07:00 PM	58.4	75.7	49.0
07:00 PM - 08:00 PM	53.7	77.9	48.8
08:00 PM - 09:00 PM	56.8	84.7	49.6
09:00 PM - 10:00 PM	53.6	75.1	48.2
10:00 PM - 11:00 PM	54.0	84.3	47.5
11:00 PM - 12:00 AM	52.7	65.0	47.9
12:00 AM - 01:00 AM	47.2	80.9	40.9
01:00 AM - 02:00 AM	45.0	70.1	41.8
02:00 AM - 03:00 AM	48.2	76.5	40.2
03:00 AM - 04:00 AM	46.0	69.4	39.3
04:00 AM - 05:00 AM	50.7	70.4	41.4
05:00 AM - 06:00 AM	56.3	77.7	43.4
06:00 AM - 07:00 AM	59.8	90.5	46.1
07:00 AM - 08:00 AM	54.0	80.4	46.3
08:00 AM - 09:00 AM	54.8	75.0	50.5
09:00 AM - 10:00 AM	56.0	75.5	50.4
10:00 AM - 11:00 AM	53.4	75.0	48.3

Leq Average 24 hrs. (dB(A)) 55.8  
Lmax (dB(A)) 90.5  
L90 (dB(A)) 48.3  
Ldn (dB(A)) 60.7  
Standard (dB(A)) 70

Reference Method : ISO1996-1 and 1996-2

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

Technical Management

  
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