



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
168 Moo 4, Sattahip-Chachoengsao Road., Bowin, Sriracha, Chonburi Thailand
20230
P/O : RJN.BW16/64
Project Name : Chonburi Bowin
Project Location :

Lot ID: 2265383

Date Received : Jun 24, 2022
Date Reported : Jun 30, 2022
Report Number: 2326011-1

Page 1 of 1

Sample Description Air Quality
Location A1 : วัดพันเสด็จนอก
Date Analysis Commenced Jun 25, 2022
Condition of Sample Drawn into one quartz filter paper (8x10 inch) placed in plastic bag and one glass 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)
2265383-1	Jun 17 - Jun 18, 2022	0.058	0.033	757	29
2265383-2	Jun 18 - Jun 19, 2022	0.065	0.029	757	30
2265383-3	Jun 19 - Jun 20, 2022	0.061	0.022	757	30
2265383-4	Jun 20 - Jun 21, 2022	0.089	0.033	757	31
2265383-5	Jun 21 - Jun 22, 2022	0.088	0.030	757	30
2265383-6	Jun 22 - Jun 23, 2022	0.055	0.024	757	29
2265383-7	Jun 23 - Jun 24, 2022	0.064	0.029	757	29
Guideline		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 : Nontachai Uppathamp

Remark :

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

Approved by

Thanita K.

Thanita Kulsuriwong
Scientist (4)

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TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
168 Moo 4, Sattahip-Chachoengsao Road., Bowin, Sriracha, Chonburi Thailand
20230
P/O : RJN.BW16/64
Project Name : Chonburi Bowin
Project Location :

Lot ID: 2265383

Date Received : Jun 24, 2022
Date Reported : Jun 30, 2022
Report Number: 2326011-2

Page 1 of 1

Sample Description	Air Quality				
Location	A2 : หมู่ 9 บ้านห้วยตาเกล้า				
Date Analysis Commenced	Jun 25, 2022				
Condition of Sample	Drawn into one quartz filter paper (8x10 inch) placed in plastic bag and one glass 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)
2265383-8	Jun 17 - Jun 18, 2022	0.040	0.025	757	29
2265383-9	Jun 18 - Jun 19, 2022	0.037	0.021	757	30
2265383-10	Jun 19 - Jun 20, 2022	0.028	0.014	757	30
2265383-11	Jun 20 - Jun 21, 2022	0.039	0.020	757	31
2265383-12	Jun 21 - Jun 22, 2022	0.037	0.019	757	30
2265383-13	Jun 22 - Jun 23, 2022	0.030	0.019	757	29
2265383-14	Jun 23 - Jun 24, 2022	0.035	0.018	757	29
Guideline		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 : Nontachai Uppathamp

Remark :

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20230
P/O : RJN.BW16/64
Project Name : Chonburi Bowin
Project Location :

Lot ID: 2265383

Date Received : Jun 24, 2022
Date Reported : Jun 30, 2022
Report Number: 2326011-3

Page 1 of 1

Sample Description	Air Quality				
Location	A3 : ที่ทำการ อบต.บ่อวิน				
Date Analysis Commenced	Jun 25, 2022				
Condition of Sample	Drawn into one quartz filter paper (8x10 inch) placed in plastic bag and one glass 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)
2265383-15	Jun 17 - Jun 18, 2022	0.036	0.029	757	29
2265383-16	Jun 18 - Jun 19, 2022	0.049	0.027	757	30
2265383-17	Jun 19 - Jun 20, 2022	0.047	0.022	757	30
2265383-18	Jun 20 - Jun 21, 2022	0.038	0.029	757	31
2265383-19	Jun 21 - Jun 22, 2022	0.052	0.024	757	30
2265383-20	Jun 22 - Jun 23, 2022	0.040	0.024	757	29
2265383-21	Jun 23 - Jun 24, 2022	0.044	0.027	757	29
Guideline		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 : Nontachai Uppathamp

Remark :

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No.0042

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168 Moo 4, Sattahip-Chachoengsao Road., Bowin, Sriracha, Chonburi Thailand
20230
P/O : RJN.BW16/64
Project Name : Chonburi Bowin
Project Location :

Lot ID: 2265383

Date Received : Jun 24, 2022

Date Reported : Jun 30, 2022

Report Number: 2326011-4

Page 1 of 1

Sample Description	Air Quality				
Location	A4 : วัดพันเสด็จใน				
Date Analysis Commenced	Jun 25, 2022				
Condition of Sample	Drawn into one quartz filter paper (8x10 inch) placed in plastic bag and one glass 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)
2265383-22	Jun 17 - Jun 18, 2022	0.044	0.027	757	29
2265383-23	Jun 18 - Jun 19, 2022	0.051	0.026	757	30
2265383-24	Jun 19 - Jun 20, 2022	0.042	0.019	757	30
2265383-25	Jun 20 - Jun 21, 2022	0.050	0.021	757	31
2265383-26	Jun 21 - Jun 22, 2022	0.053	0.021	757	30
2265383-27	Jun 22 - Jun 23, 2022	0.035	0.019	757	29
2265383-28	Jun 23 - Jun 24, 2022	0.051	0.020	757	29
Guideline		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 : Nontachai Uppathamp

Remark :

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168 Moo 4, Sattahip-Chachoengsao Road., Bowin, Sriracha, Chonburi Thailand 20230

P/O : RJN.BW16/64

Project Name : Chonburi Bowin

Project Location :

Lot ID: 2265374

Date Received : Jun 24, 2022

Date Reported : Jun 30, 2022

Report Number: 2326001-1

Page 1 of 1

Sample Description Air Quality
Location A1 : วัดพันเสด็จนอก
Parameter Nitrogen dioxide (ppm)
Measurement Date Jun 17, 2022 - Jun 24, 2022
Measurement by Nontachai Uppathamp

	2265374-1	2265374-2	2265374-3	2265374-4	2265374-5	2265374-6	2265374-7
Time	Jun 17, 2022	Jun 18, 2022	Jun 19, 2022	Jun 20, 2022	Jun 21, 2022	Jun 22, 2022	Jun 23, 2022
09:00 AM - 10:00 AM	0.005	0.007	0.029	0.004	0.005	0.014	0.008
10:00 AM - 11:00 AM	0.006	0.037	0.012	0.003	0.006	0.003	0.005
11:00 AM - 12:00 PM	0.004	0.072	0.003	0.003	0.003	0.003	0.004
12:00 PM - 01:00 PM	0.004	0.052	0.002	0.002	0.004	0.004	0.008
01:00 PM - 02:00 PM	0.004	0.032	0.002	0.002	0.002	0.002	0.006
02:00 PM - 03:00 PM	0.004	0.019	0.002	0.003	0.002	0.002	0.010
03:00 PM - 04:00 PM	0.004	0.003	0.002	0.002	0.002	0.002	0.007
04:00 PM - 05:00 PM	0.004	0.006	0.003	0.006	0.007	0.005	0.006
05:00 PM - 06:00 PM	0.004	0.009	0.001	0.004	0.015	0.004	0.008
06:00 PM - 07:00 PM	0.004	0.007	0.002	0.003	0.008	0.003	0.012
07:00 PM - 08:00 PM	0.005	0.018	0.002	0.009	0.004	0.006	0.015
08:00 PM - 09:00 PM	0.004	0.018	0.010	0.024	0.003	0.005	0.014
09:00 PM - 10:00 PM	0.004	0.030	0.011	0.005	0.005	0.008	0.016
10:00 PM - 11:00 PM	0.004	0.002	0.013	0.001	0.005	0.026	0.009
11:00 PM - 12:00 AM	0.004	0.005	0.012	0.002	0.014	0.013	0.008
12:00 AM - 01:00 AM	0.004	0.007	0.010	0.002	0.006	0.002	0.028
01:00 AM - 02:00 AM	0.004	0.009	0.005	0.002	0.002	0.003	0.013
02:00 AM - 03:00 AM	0.004	0.006	0.006	0.011	0.002	0.006	0.008
03:00 AM - 04:00 AM	0.003	0.008	0.007	0.012	0.002	0.008	0.006
04:00 AM - 05:00 AM	0.004	0.004	0.007	0.010	0.003	0.004	0.005
05:00 AM - 06:00 AM	0.004	0.031	0.010	0.007	0.017	0.007	0.006
06:00 AM - 07:00 AM	0.004	0.056	0.015	0.032	0.030	0.011	0.012
07:00 AM - 08:00 AM	0.008	0.019	0.011	0.050	0.040	0.014	0.015
08:00 AM - 09:00 AM	0.008	0.011	0.007	0.014	0.042	0.021	0.009
Average	0.004	0.019	0.008	0.009	0.010	0.007	0.010
1hr - Maximum	0.008	0.072	0.029	0.050	0.042	0.026	0.028
Standard 1hr - Average	0.170	0.170	0.170	0.170	0.170	0.170	0.170

Standard : Notification of the National Environment Board No. 33, 2009 (B.E. 2552).

Reference Method : US EPA Method Part 50 App. F (Chemiluminescence)

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P/O : RJN.BW16/64

Project Name : Chonburi Bowin

Project Location :

Lot ID: 2265374

Date Received : Jun 24, 2022

Date Reported : Jun 30, 2022

Report Number: 2362156-1

Page 1 of 1

Sample Description Air Quality
Location A2 : หมู่ 9 บ้านห้วยตาเฒ่า
Parameter Nitrogen dioxide (ppm)
Measurement Date Jun 17, 2022 - Jun 24, 2022
Measurement by Nontachai Uppathamp

	2265374-8	2265374-9	2265374-10	2265374-11	2265374-12	2265374-13	2265374-14
Time	Jun 17, 2022	Jun 18, 2022	Jun 19, 2022	Jun 20, 2022	Jun 21, 2022	Jun 22, 2022	Jun 23, 2022
08:00 AM - 09:00 AM	0.006	0.002	0.004	0.002	0.004	0.001	0.008
09:00 AM - 10:00 AM	0.015	0.002	0.003	0.003	0.004	0.003	0.004
10:00 AM - 11:00 AM	0.002	0.001	0.003	0.004	0.003	0.002	0.003
11:00 AM - 12:00 PM	0.003	0.002	0.004	0.003	0.002	0.003	0.002
12:00 PM - 01:00 PM	0.020	0.002	0.004	0.002	0.002	0.002	0.002
01:00 PM - 02:00 PM	0.007	0.004	0.004	0.002	0.002	0.002	0.003
02:00 PM - 03:00 PM	0.005	0.002	0.003	0.002	0.002	0.002	0.003
03:00 PM - 04:00 PM	0.006	0.003	0.003	0.002	0.002	0.002	0.003
04:00 PM - 05:00 PM	<0.001	0.005	0.002	0.002	0.003	0.002	0.002
05:00 PM - 06:00 PM	0.002	0.005	0.002	0.002	0.003	0.002	0.003
06:00 PM - 07:00 PM	0.002	0.006	0.002	0.002	0.002	0.001	0.005
07:00 PM - 08:00 PM	0.003	0.003	0.012	0.002	0.002	0.001	0.006
08:00 PM - 09:00 PM	<0.001	0.005	0.005	0.003	0.023	0.002	0.005
09:00 PM - 10:00 PM	<0.001	0.010	0.002	0.002	0.004	0.002	0.015
10:00 PM - 11:00 PM	0.002	0.025	0.003	0.002	0.003	0.003	0.010
11:00 PM - 12:00 AM	0.002	0.015	0.012	0.002	0.005	0.002	0.012
12:00 AM - 01:00 AM	0.003	0.030	0.006	0.002	0.002	0.003	0.009
01:00 AM - 02:00 AM	0.003	0.023	0.006	0.003	0.002	0.002	0.005
02:00 AM - 03:00 AM	0.007	0.007	0.004	0.003	0.002	0.007	0.007
03:00 AM - 04:00 AM	0.005	0.002	0.007	0.003	0.002	0.004	0.006
04:00 AM - 05:00 AM	0.003	0.009	0.012	0.005	0.003	0.008	0.001
05:00 AM - 06:00 AM	0.002	0.008	0.013	0.010	0.013	0.008	0.004
06:00 AM - 07:00 AM	0.002	0.009	0.013	0.020	0.020	0.002	0.014
07:00 AM - 08:00 AM	0.002	0.008	0.005	0.002	0.009	0.003	0.004
Average	0.004	0.008	0.006	0.003	0.005	0.003	0.006
1hr - Maximum	0.020	0.030	0.013	0.020	0.023	0.008	0.015
Standard 1hr - Average	0.170	0.170	0.170	0.170	0.170	0.170	0.170

Standard : Notification of the National Environment Board No. 33, 2009 (B.E. 2552).

Reference Method : US EPA Method Part 50 App. F (Chemiluminescence)

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Saranya Chalermthamrong

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P/O : RJN.BW16/64

Project Name : Chonburi Bowin

Project Location :

Lot ID: 2265374

Date Received : Jun 24, 2022

Date Reported : Jun 30, 2022

Report Number: 2362157-1

Page 1 of 1

Sample Description Air Quality
Location A3 : ที่ทำการ อบต.บ่อวิน
Parameter Nitrogen dioxide (ppm)
Measurement Date Jun 17, 2022 - Jun 24, 2022
Measurement by Nontachai Uppathamp

Time	2265374-15 Jun 17, 2022	2265374-16 Jun 18, 2022	2265374-17 Jun 19, 2022	2265374-18 Jun 20, 2022	2265374-19 Jun 21, 2022	2265374-20 Jun 22, 2022	2265374-21 Jun 23, 2022
10:00 AM - 11:00 AM	0.007	0.016	0.011	0.020	0.009	0.024	0.010
11:00 AM - 12:00 PM	0.007	0.027	0.005	0.052	0.010	0.009	0.003
12:00 PM - 01:00 PM	0.011	0.023	0.002	0.008	0.004	0.004	0.003
01:00 PM - 02:00 PM	0.021	0.020	0.002	0.004	0.005	0.005	0.003
02:00 PM - 03:00 PM	0.011	0.020	0.006	0.002	0.002	0.003	0.003
03:00 PM - 04:00 PM	0.017	0.019	0.004	0.004	0.002	0.002	0.004
04:00 PM - 05:00 PM	0.003	0.015	0.001	0.002	0.003	0.003	0.003
05:00 PM - 06:00 PM	0.001	0.014	0.001	0.002	0.003	0.002	0.003
06:00 PM - 07:00 PM	0.002	0.016	0.005	0.002	0.005	0.002	0.003
07:00 PM - 08:00 PM	0.015	0.026	0.005	0.002	0.002	0.001	0.005
08:00 PM - 09:00 PM	0.031	0.050	0.006	0.002	<0.001	<0.001	0.002
09:00 PM - 10:00 PM	0.017	0.020	0.006	0.002	0.001	<0.001	0.004
10:00 PM - 11:00 PM	0.006	0.005	0.003	0.002	0.001	0.003	0.005
11:00 PM - 12:00 AM	0.001	0.001	0.011	0.002	0.001	0.008	0.007
12:00 AM - 01:00 AM	0.001	0.004	0.001	0.002	0.001	0.004	0.005
01:00 AM - 02:00 AM	0.001	0.002	0.002	0.002	<0.001	0.003	0.003
02:00 AM - 03:00 AM	0.002	0.005	0.001	0.001	0.001	0.001	0.002
03:00 AM - 04:00 AM	<0.001	0.004	0.001	0.014	<0.001	0.002	0.006
04:00 AM - 05:00 AM	0.002	0.001	0.052	0.002	<0.001	0.002	0.004
05:00 AM - 06:00 AM	0.004	0.002	0.058	0.002	<0.001	0.002	0.004
06:00 AM - 07:00 AM	0.004	0.029	0.053	0.005	0.001	0.002	0.002
07:00 AM - 08:00 AM	0.003	0.002	0.053	0.012	0.008	0.002	0.014
08:00 AM - 09:00 AM	0.010	0.005	0.013	0.017	0.005	0.005	0.009
09:00 AM - 10:00 AM	0.010	0.008	0.044	0.020	0.020	0.015	0.006
Average	0.008	0.014	0.014	0.008	0.004	0.004	0.005
1hr - Maximum	0.031	0.050	0.058	0.052	0.020	0.024	0.014
Standard 1hr - Average	0.170	0.170	0.170	0.170	0.170	0.170	0.170

Standard : Notification of the National Environment Board No. 33, 2009 (B.E. 2552).

Reference Method : US EPAMethod Part 50 App. F (Chemiluminescence)

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P/O : RJN.BW16/64

Project Name : Chonburi Bowin

Project Location :

Lot ID: 2265374

Date Received : Jun 24, 2022

Date Reported : Jun 30, 2022

Report Number: 2362158-1

Page 1 of 1

Sample Description Air Quality
Location A4 : วัดพันเสด็จใน
Parameter Nitrogen dioxide (ppm)
Measurement Date Jun 17, 2022 - Jun 24, 2022
Measurement by Nontachai Uppathamp

	2265374-22 Jun 17, 2022	2265374-23 Jun 18, 2022	2265374-24 Jun 19, 2022	2265374-25 Jun 20, 2022	2265374-26 Jun 21, 2022	2265374-27 Jun 22, 2022	2265374-28 Jun 23, 2022
Time							
11:00 AM - 12:00 PM	0.003	0.002	0.002	0.001	<0.001	<0.001	0.001
12:00 PM - 01:00 PM	0.004	0.002	0.001	0.001	<0.001	<0.001	0.001
01:00 PM - 02:00 PM	0.004	0.002	0.001	0.002	<0.001	<0.001	0.001
02:00 PM - 03:00 PM	0.005	0.001	0.001	0.002	<0.001	<0.001	<0.001
03:00 PM - 04:00 PM	0.005	0.002	<0.001	0.001	<0.001	<0.001	0.001
04:00 PM - 05:00 PM	0.002	0.001	0.001	0.001	<0.001	<0.001	0.001
05:00 PM - 06:00 PM	0.002	0.001	0.002	<0.001	<0.001	<0.001	0.001
06:00 PM - 07:00 PM	0.002	0.002	0.011	0.001	<0.001	<0.001	<0.001
07:00 PM - 08:00 PM	0.004	0.008	0.014	0.001	0.001	0.001	0.001
08:00 PM - 09:00 PM	0.004	0.003	0.003	0.002	0.001	0.001	0.002
09:00 PM - 10:00 PM	0.004	0.001	0.002	0.002	0.002	0.002	<0.001
10:00 PM - 11:00 PM	0.002	0.001	0.001	0.002	0.002	0.001	<0.001
11:00 PM - 12:00 AM	0.012	0.001	<0.001	0.002	0.002	0.001	<0.001
12:00 AM - 01:00 AM	0.004	<0.001	<0.001	0.001	0.001	0.001	<0.001
01:00 AM - 02:00 AM	0.001	0.001	<0.001	0.006	0.004	0.001	<0.001
02:00 AM - 03:00 AM	0.001	0.001	<0.001	<0.001	0.009	<0.001	<0.001
03:00 AM - 04:00 AM	0.001	<0.001	<0.001	0.001	0.009	<0.001	<0.001
04:00 AM - 05:00 AM	0.001	0.003	<0.001	0.002	0.002	<0.001	<0.001
05:00 AM - 06:00 AM	0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001
06:00 AM - 07:00 AM	0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001
07:00 AM - 08:00 AM	0.002	0.001	0.001	<0.001	<0.001	<0.001	<0.001
08:00 AM - 09:00 AM	0.004	0.003	0.002	0.002	<0.001	<0.001	<0.001
09:00 AM - 10:00 AM	0.006	0.001	0.001	0.001	<0.001	0.001	<0.001
10:00 AM - 11:00 AM	0.010	0.001	0.001	<0.001	<0.001	0.001	<0.001
Average	0.003	0.002	0.002	0.001	0.002	<0.001	<0.001
1hr - Maximum	0.012	0.008	0.014	0.006	0.009	0.002	0.002
Standard 1hr - Average	0.170	0.170	0.170	0.170	0.170	0.170	0.170

Standard : Notification of the National Environment Board No. 33, 2009 (B.E. 2552).

Reference Method : US EPA Method Part 50 App. F (Chemiluminescence)

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Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.

168 Moo 4, Sattahip-Chachoengsao Road., Bowin, Sriracha, Chonburi Thailand 20230

P/O : RJN.BW16/64

Project Name : Chonburi Bowin

Project Location :

Lot ID: 2265381

Date Received : Jun 24, 2022

Date Reported : Jun 30, 2022

Report Number: 2326004-1

Page 1 of 1

Sample Description Air Quality
Location A1 : วัดพันเสด็จนอก
Parameter Sulfur Dioxide (ppm)
Measurement Date Jun 17, 2022 - Jun 24, 2022
Measurement by Nontachai Uppathamp

	2265381-1 Jun 17, 2022	2265381-2 Jun 18, 2022	2265381-3 Jun 19, 2022	2265381-4 Jun 20, 2022	2265381-5 Jun 21, 2022	2265381-6 Jun 22, 2022	2265381-7 Jun 23, 2022
Time							
09:00 AM - 10:00 AM	0.005	0.005	0.004	0.004	0.004	0.004	0.004
10:00 AM - 11:00 AM	0.005	0.004	0.004	0.004	0.004	0.004	0.004
11:00 AM - 12:00 PM	0.004	0.004	0.004	0.004	0.004	0.004	0.004
12:00 PM - 01:00 PM	0.004	0.004	0.004	0.004	0.004	0.004	0.004
01:00 PM - 02:00 PM	0.004	0.004	0.004	0.004	0.004	0.004	0.004
02:00 PM - 03:00 PM	0.004	0.004	0.004	0.004	0.004	0.004	0.004
03:00 PM - 04:00 PM	0.004	0.004	0.004	0.004	0.004	0.004	0.004
04:00 PM - 05:00 PM	0.004	0.004	0.004	0.004	0.004	0.004	0.004
05:00 PM - 06:00 PM	0.004	0.004	0.004	0.004	0.004	0.004	0.004
06:00 PM - 07:00 PM	0.004	0.004	0.004	0.004	0.004	0.004	0.004
07:00 PM - 08:00 PM	0.004	0.004	0.004	0.004	0.004	0.004	0.004
08:00 PM - 09:00 PM	0.004	0.004	0.004	0.004	0.004	0.004	0.004
09:00 PM - 10:00 PM	0.004	0.004	0.004	0.004	0.004	0.004	0.004
10:00 PM - 11:00 PM	0.004	0.004	0.004	0.004	0.004	0.004	0.004
11:00 PM - 12:00 AM	0.004	0.004	0.004	0.004	0.004	0.004	0.004
12:00 AM - 01:00 AM	0.004	0.004	0.004	0.004	0.004	0.004	0.004
01:00 AM - 02:00 AM	0.005	0.004	0.004	0.004	0.004	0.004	0.004
02:00 AM - 03:00 AM	0.005	0.004	0.004	0.004	0.004	0.004	0.004
03:00 AM - 04:00 AM	0.005	0.004	0.004	0.004	0.004	0.004	0.004
04:00 AM - 05:00 AM	0.006	0.004	0.004	0.004	0.004	0.004	0.004
05:00 AM - 06:00 AM	0.005	0.004	0.004	0.004	0.004	0.004	0.004
06:00 AM - 07:00 AM	0.005	0.004	0.004	0.004	0.004	0.004	0.004
07:00 AM - 08:00 AM	0.005	0.004	0.004	0.004	0.004	0.004	0.004
08:00 AM - 09:00 AM	0.004	0.004	0.004	0.004	0.004	0.004	0.004
Average	0.004	0.004	0.004	0.004	0.004	0.004	0.004
1hr - Maximum	0.006	0.005	0.004	0.004	0.004	0.004	0.004
Standard 1hr - Average	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Standard 24 hrs - Average	0.12	0.12	0.12	0.12	0.12	0.12	0.12

Standard : Notification of the National Environment Board No.10, 1995 (B.E.2538), No. 21, 2001 (B.E.2544) and No.24, 2004 (B.E.2547).

Reference Method : US EPA Method Part 53 and 58

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Client : Rojana Industrial Park Public Co., Ltd.

168 Moo 4, Sattahip-Chachoengsao Road., Bowin, Sriracha, Chonburi Thailand 20230

P/O : RJN.BW16/64

Project Name : Chonburi Bowin

Project Location :

Lot ID: 2265381

Date Received : Jun 24, 2022

Date Reported : Jun 30, 2022

Report Number: 2362160-1

Page 1 of 1

Sample Description Air Quality
Location A2 : หมู่ 9 บ้านห้วยตาเฒ่า
Parameter Sulfur Dioxide (ppm)
Measurement Date Jun 17, 2022 - Jun 24, 2022
Measurement by Nontachai Uppathamp

	2265381-8	2265381-9	2265381-10	2265381-11	2265381-12	2265381-13	2265381-14
Time	Jun 17, 2022	Jun 18, 2022	Jun 19, 2022	Jun 20, 2022	Jun 21, 2022	Jun 22, 2022	Jun 23, 2022
08:00 AM - 09:00 AM	0.006	0.006	0.005	0.006	0.006	0.005	0.006
09:00 AM - 10:00 AM	0.005	0.006	0.005	0.006	0.006	0.005	0.006
10:00 AM - 11:00 AM	0.005	0.005	0.005	0.005	0.005	0.005	0.005
11:00 AM - 12:00 PM	0.005	0.005	0.005	0.005	0.005	0.005	0.006
12:00 PM - 01:00 PM	0.005	0.005	0.005	0.005	0.006	0.005	0.006
01:00 PM - 02:00 PM	0.005	0.005	0.005	0.005	0.005	0.006	0.006
02:00 PM - 03:00 PM	0.005	0.005	0.005	0.005	0.005	0.006	0.006
03:00 PM - 04:00 PM	0.005	0.005	0.005	0.005	0.006	0.006	0.005
04:00 PM - 05:00 PM	0.006	0.006	0.006	0.006	0.006	0.006	0.006
05:00 PM - 06:00 PM	0.006	0.006	0.006	0.007	0.006	0.006	0.006
06:00 PM - 07:00 PM	0.006	0.006	0.006	0.009	0.006	0.005	0.006
07:00 PM - 08:00 PM	0.006	0.006	0.006	0.007	0.006	0.005	0.005
08:00 PM - 09:00 PM	0.007	0.006	0.006	0.006	0.006	0.005	0.005
09:00 PM - 10:00 PM	0.007	0.006	0.006	0.006	0.006	0.005	0.005
10:00 PM - 11:00 PM	0.006	0.005	0.006	0.006	0.006	0.005	0.005
11:00 PM - 12:00 AM	0.006	0.005	0.006	0.006	0.006	0.005	0.005
12:00 AM - 01:00 AM	0.006	0.005	0.006	0.006	0.006	0.005	0.005
01:00 AM - 02:00 AM	0.006	0.005	0.006	0.006	0.006	0.005	0.005
02:00 AM - 03:00 AM	0.006	0.005	0.006	0.006	0.006	0.005	0.005
03:00 AM - 04:00 AM	0.006	0.006	0.005	0.006	0.006	0.005	0.005
04:00 AM - 05:00 AM	0.006	0.006	0.006	0.006	0.006	0.006	0.005
05:00 AM - 06:00 AM	0.006	0.006	0.006	0.006	0.005	0.005	0.005
06:00 AM - 07:00 AM	0.006	0.006	0.006	0.005	0.005	0.006	0.005
07:00 AM - 08:00 AM	0.006	0.005	0.006	0.006	0.006	0.005	0.005
Average	0.006	0.006	0.006	0.006	0.006	0.005	0.005
1hr - Maximum	0.007	0.006	0.006	0.009	0.006	0.006	0.006
Standard 1hr - Average	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Standard 24 hrs - Average	0.12	0.12	0.12	0.12	0.12	0.12	0.12

Standard : Notification of the National Environment Board No.10, 1995 (B.E.2538), No. 21, 2001 (B.E.2544) and No.24, 2004 (B.E.2547).

Reference Method : US EPA Method Part 53 and 58

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Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.

168 Moo 4, Sattahip-Chachoengsao Road., Bowin, Sriracha, Chonburi Thailand 20230

P/O : RJN.BW16/64

Project Name : Chonburi Bowin

Project Location :

Lot ID: 2265381

Date Received : Jun 24, 2022

Date Reported : Jun 30, 2022

Report Number: 2362162-1

Page 1 of 1

Sample Description Air Quality
Location A3 : ที่ทำการ อบต.บ่อวิน
Parameter Sulfur Dioxide (ppm)
Measurement Date Jun 17, 2022 - Jun 24, 2022
Measurement by Nontachai Uppathamp

Time	2265381-15 Jun 17, 2022	2265381-16 Jun 18, 2022	2265381-17 Jun 19, 2022	2265381-18 Jun 20, 2022	2265381-19 Jun 21, 2022	2265381-20 Jun 22, 2022	2265381-21 Jun 23, 2022
10:00 AM - 11:00 AM	0.006	0.007	0.006	0.006	0.006	0.006	0.006
11:00 AM - 12:00 PM	0.006	0.005	0.006	0.006	0.006	0.006	0.006
12:00 PM - 01:00 PM	0.006	0.006	0.006	0.006	0.006	0.006	0.006
01:00 PM - 02:00 PM	0.007	0.006	0.006	0.006	0.006	0.006	0.006
02:00 PM - 03:00 PM	0.007	0.006	0.006	0.006	0.006	0.006	0.006
03:00 PM - 04:00 PM	0.007	0.006	0.006	0.006	0.006	0.006	0.006
04:00 PM - 05:00 PM	0.007	0.006	0.006	0.006	0.006	0.006	0.006
05:00 PM - 06:00 PM	0.007	0.006	0.006	0.006	0.006	0.006	0.006
06:00 PM - 07:00 PM	0.007	0.006	0.006	0.006	0.006	0.006	0.006
07:00 PM - 08:00 PM	0.007	0.006	0.006	0.006	0.006	0.006	0.006
08:00 PM - 09:00 PM	0.007	0.006	0.006	0.006	0.006	0.006	0.006
09:00 PM - 10:00 PM	0.007	0.006	0.006	0.006	0.006	0.006	0.006
10:00 PM - 11:00 PM	0.007	0.006	0.006	0.006	0.006	0.006	0.006
11:00 PM - 12:00 AM	0.007	0.006	0.006	0.006	0.006	0.006	0.006
12:00 AM - 01:00 AM	0.007	0.006	0.006	0.006	0.006	0.006	0.006
01:00 AM - 02:00 AM	0.007	0.006	0.006	0.006	0.006	0.006	0.006
02:00 AM - 03:00 AM	0.007	0.006	0.006	0.006	0.006	0.006	0.006
03:00 AM - 04:00 AM	0.007	0.006	0.006	0.006	0.006	0.006	0.006
04:00 AM - 05:00 AM	0.007	0.006	0.006	0.006	0.006	0.006	0.006
05:00 AM - 06:00 AM	0.007	0.006	0.006	0.006	0.006	0.006	0.006
06:00 AM - 07:00 AM	0.007	0.006	0.006	0.006	0.006	0.006	0.006
07:00 AM - 08:00 AM	0.007	0.006	0.006	0.006	0.006	0.006	0.006
08:00 AM - 09:00 AM	0.007	0.006	0.006	0.006	0.006	0.006	0.006
09:00 AM - 10:00 AM	0.007	0.006	0.006	0.006	0.006	0.006	0.006
Average	0.007	0.006	0.006	0.006	0.006	0.006	0.006
1hr - Maximum	0.007	0.007	0.006	0.006	0.006	0.006	0.006
Standard 1hr - Average	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Standard 24 hrs - Average	0.12	0.12	0.12	0.12	0.12	0.12	0.12

Standard : Notification of the National Environment Board No.10, 1995 (B.E.2538), No. 21, 2001 (B.E.2544) and No.24, 2004 (B.E.2547).

Reference Method : US EPA Method Part 53 and 58

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Client : Rojana Industrial Park Public Co., Ltd.

168 Moo 4, Sattahip-Chachoengsao Road., Bowin, Sriracha, Chonburi Thailand 20230

P/O : RJN.BW16/64

Project Name : Chonburi Bowin

Project Location :

Lot ID: 2265381

Date Received : Jun 24, 2022

Date Reported : Jun 30, 2022

Report Number: 2362163-1

Page 1 of 1

Sample Description Air Quality
Location A4 : วัดพันเสด็จใน
Parameter Sulfur Dioxide (ppm)
Measurement Date Jun 17, 2022 - Jun 24, 2022
Measurement by Nontachai Uppathamp

	2265381-22 Jun 17, 2022	2265381-23 Jun 18, 2022	2265381-24 Jun 19, 2022	2265381-25 Jun 20, 2022	2265381-26 Jun 21, 2022	2265381-27 Jun 22, 2022	2265381-28 Jun 23, 2022
Time							
11:00 AM - 12:00 PM	0.006	0.005	0.005	0.005	0.005	0.005	0.005
12:00 PM - 01:00 PM	0.006	0.005	0.005	0.005	0.005	0.005	0.005
01:00 PM - 02:00 PM	0.004	0.005	0.005	0.005	0.005	0.005	0.005
02:00 PM - 03:00 PM	0.006	0.005	0.005	0.005	0.005	0.005	0.005
03:00 PM - 04:00 PM	0.005	0.005	0.005	0.005	0.005	0.005	0.005
04:00 PM - 05:00 PM	0.005	0.005	0.005	0.005	0.005	0.005	0.005
05:00 PM - 06:00 PM	0.005	0.005	0.005	0.005	0.005	0.005	0.005
06:00 PM - 07:00 PM	0.005	0.005	0.005	0.005	0.005	0.005	0.005
07:00 PM - 08:00 PM	0.005	0.005	0.005	0.005	0.005	0.005	0.005
08:00 PM - 09:00 PM	0.005	0.005	0.005	0.005	0.005	0.005	0.005
09:00 PM - 10:00 PM	0.005	0.005	0.004	0.005	0.005	0.005	0.005
10:00 PM - 11:00 PM	0.005	0.005	0.005	0.005	0.005	0.005	0.005
11:00 PM - 12:00 AM	0.005	0.005	0.005	0.005	0.005	0.005	0.005
12:00 AM - 01:00 AM	0.005	0.005	0.005	0.005	0.005	0.005	0.005
01:00 AM - 02:00 AM	0.005	0.005	0.005	0.005	0.005	0.005	0.005
02:00 AM - 03:00 AM	0.005	0.005	0.005	0.005	0.005	0.005	0.005
03:00 AM - 04:00 AM	0.005	0.005	0.005	0.005	0.005	0.005	0.005
04:00 AM - 05:00 AM	0.005	0.005	0.005	0.005	0.005	0.005	0.005
05:00 AM - 06:00 AM	0.005	0.005	0.005	0.005	0.005	0.005	0.005
06:00 AM - 07:00 AM	0.005	0.005	0.005	0.005	0.005	0.005	0.005
07:00 AM - 08:00 AM	0.005	0.005	0.005	0.005	0.005	0.005	0.005
08:00 AM - 09:00 AM	0.005	0.005	0.005	0.005	0.005	0.005	0.005
09:00 AM - 10:00 AM	0.005	0.005	0.005	0.005	0.005	0.005	0.005
10:00 AM - 11:00 AM	0.005	0.005	0.005	0.005	0.005	0.005	0.005
Average	0.005	0.005	0.005	0.005	0.005	0.005	0.005
1hr - Maximum	0.006	0.005	0.005	0.005	0.005	0.005	0.005
Standard 1hr - Average	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Standard 24 hrs - Average	0.12	0.12	0.12	0.12	0.12	0.12	0.12

Standard : Notification of the National Environment Board No.10, 1995 (B.E.2538), No. 21, 2001 (B.E.2544) and No.24, 2004 (B.E.2547).

Reference Method : US EPA Method Part 53 and 58

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168 Moo 4, Sattahip-Chachoengsao Road., Bowin, Sriracha, Chonburi Thailand 20230

P/O : RJN.BW16/64

Project Name : Chonburi Bowin

Project Location :

Lot ID : 2265382

Date Received : Jun 24, 2022

Date Reported : Jul 04, 2022

Report Number : 2326007-1

Page 1 of 2

Sample Number : 2265382-1 to 7
Parameter : Wind Speed / Wind Direction
Location : A4 : วัดพันเสด็จใน
Sampling Date : Jun 17 - Jun 24, 2022
Sampling by : Nontachai Uppathamp

Time	Jun 17 - Jun 18, 2022			Jun 18 - Jun 19, 2022			Jun 19 - Jun 20, 2022			Jun 20 - Jun 21, 2022			Jun 21 - Jun 22, 2022			Jun 22 - Jun 23, 2022			Jun 23 - Jun 24, 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	0.7	65.0	ENE	0.0	-	-	0.0	-	-	0.0	-	-	0.6	216.0	SW	0.0	-	-	0.6	229.0	SW
11:00 AM - 12:00 PM	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.5	28.0	NNE	0.0	-	-	2.6	190.0	S
12:00 PM - 01:00 PM	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.4	105.0	ESE	0.0	-	-	0.7	359.0	N
01:00 PM - 02:00 PM	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.5	92.0	E	0.0	-	-	1.4	346.0	NNW
02:00 PM - 03:00 PM	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.1	-	-
03:00 PM - 04:00 PM	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.2	-	-	0.0	-	-	1.6	81.0	E
04:00 PM - 05:00 PM	0.0	-	-	0.0	-	-	0.2	-	-	0.7	247.0	WSW	0.0	-	-	0.0	-	-	1.3	359.0	N
05:00 PM - 06:00 PM	1.3	107.0	ESE	1.5	15.0	NNE	0.0	-	-	0.5	146.0	SE	0.0	-	-	0.4	168.0	SSE	0.0	-	-
06:00 PM - 07:00 PM	0.7	82.0	E	0.0	-	-	0.0	-	-	0.4	154.0	SSE	0.8	244.0	WSW	0.3	217.0	SW	0.0	-	-
07:00 PM - 08:00 PM	3.2	149.0	SSE	1.9	265.0	W	0.0	-	-	0.9	8.0	N	0.5	286.0	WNW	0.7	347.0	NNW	0.0	-	-
08:00 PM - 09:00 PM	0.7	94.0	E	2.1	279.0	W	0.0	-	-	0.2	-	-	1.2	207.0	SSW	3.5	11.0	N	0.0	-	-
09:00 PM - 10:00 PM	0.0	-	-	0.8	29.0	NNE	0.0	-	-	0.3	315.0	NW	1.2	9.0	N	0.9	341.0	NNW	0.0	-	-
10:00 PM - 11:00 PM	0.5	172.0	S	1.0	317.0	NW	1.3	212.0	SSW	0.0	-	-	3.4	198.0	SSW	2.2	87.0	E	0.0	-	-
11:00 PM - 12:00 AM	0.0	-	-	4.5	248.0	WSW	0.1	-	-	0.0	-	-	2.7	235.0	SW	2.1	5.0	N	0.2	-	-
12:00 AM - 01:00 AM	0.0	-	-	1.0	263.0	W	1.3	170.0	S	0.0	-	-	1.8	223.0	SW	1.7	21.0	NNE	0.1	-	-
01:00 AM - 02:00 AM	0.0	-	-	0.4	252.0	WSW	0.1	-	-	0.0	-	-	1.1	222.0	SW	3.2	0.0	N	0.3	119.0	ESE
02:00 AM - 03:00 AM	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	2.9	230.0	SW	2.1	36.0	NE	0.4	136.0	SE
03:00 AM - 04:00 AM	0.0	-	-	0.0	-	-	0.1	-	-	0.0	-	-	0.9	346.0	NNW	2.6	61.0	ENE	2.0	164.0	SSE
04:00 AM - 05:00 AM	0.0	-	-	0.0	-	-	0.0	-	-	1.4	296.0	WNW	0.0	-	-	1.9	189.0	S	1.9	213.0	SSW
05:00 AM - 06:00 AM	0.0	-	-	0.0	-	-	0.0	-	-	0.8	231.0	SW	0.0	-	-	0.4	162.0	SSE	1.2	335.0	NNW
06:00 AM - 07:00 AM	0.0	-	-	0.0	-	-	0.0	-	-	2.3	277.0	W	0.2	-	-	1.2	196.0	SSW	2.0	359.0	N
07:00 AM - 08:00 AM	0.0	-	-	0.0	-	-	0.0	-	-	1.3	228.0	SW	0.0	-	-	0.6	179.0	S	0.4	19.0	NNE
08:00 AM - 09:00 AM	0.0	-	-	0.0	-	-	0.0	-	-	4.3	280.0	W	0.0	-	-	1.2	200.0	SSW	2.6	74.0	ENE
09:00 AM - 10:00 AM	0.0	-	-	0.0	-	-	0.0	-	-	1.7	218.0	SW	0.0	-	-	0.0	-	-	1.5	285.0	WNW

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 : Rojana Industrial Park Public Co., Ltd.

168 Moo 4, Sattahip-Chachoengsao Road., Bowin, Sriracha, Chonburi Thailand 20230

P/O : RJN.BW16/64

Project Name : Chonburi Bowin

Project Location :

Lot ID : 2265382

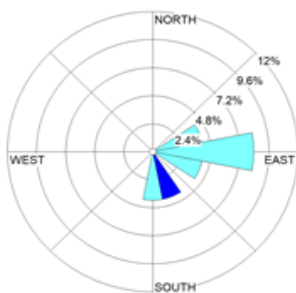
Date Received : Jun 24, 2022

Date Reported : Jul 04, 2022

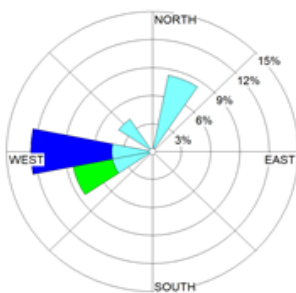
Report Number : 2326007-1

Page 2 of 2

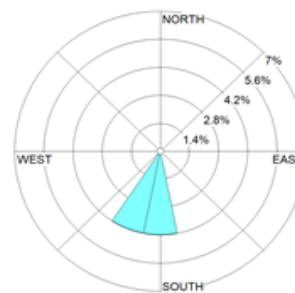
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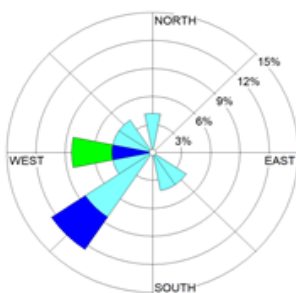
Date : Jun 17-18, 2022



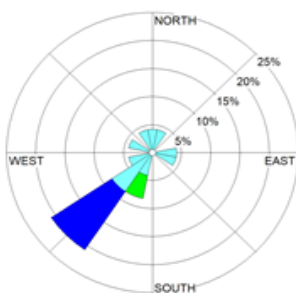
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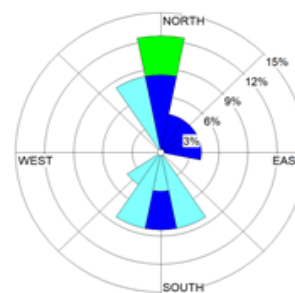
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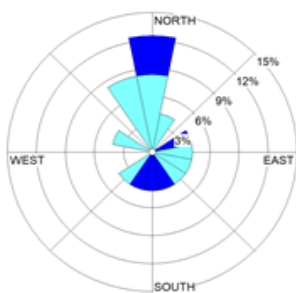
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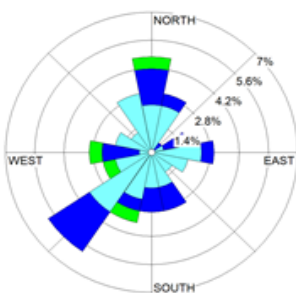
Date : Jun 21-22, 2022



Date : Jun 22-23, 2022



Date : Jun 23-24, 2022



Date : Jun 17-24, 2022

WS(m/s)	%
≥ 10.0	0.00
8.0-10.0	0.00
5.5-8.0	0.00
3.3-5.5	2.38
1.7-3.3	11.91
0.3-1.7	28.57
Calms	57.14

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Approved by

Sarayuth Jitranont
Assistant General Manager