

ภาคผนวก ค

ใบรับรองผลการตรวจวิเคราะห์

ภาคผนวก ค-1

คุณภาพอากาศในบรรยากาศโดยรอบพื้นที่โครงการ



Analysis / Test Report



TESTING
No.0009

Lot ID: 2473616

Date Received : Aug 16, 2024
Date Reported : Aug 24, 2024
Report Number: 3037421-1

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi,
Saraburi Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Page 1 of 1

Sample Description		Air Quality				
Location		บ้านขี้เหล็ก (GPS 47P 0728177, 1619188)				
Date Analysis Commenced		Aug 20, 2024				
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)	
2473616-1	Aug 06 - Aug 07, 2024	0.044	0.025	753	34	
2473616-2	Aug 07 - Aug 08, 2024	0.056	0.028	753	33	
2473616-3	Aug 08 - Aug 09, 2024	0.051	0.034	753	35	
2473616-4	Aug 09 - Aug 10, 2024	0.040	0.022	753	34	
2473616-5	Aug 10 - Aug 11, 2024	0.051	0.026	753	34	
2473616-6	Aug 11 - Aug 12, 2024	0.034	0.022	753	34	
2473616-7	Aug 12 - Aug 13, 2024	0.085	0.033	753	33	
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 : Teeravut Sukdee

Remark :

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

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. No part of this report 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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S:\Reports\Air Ambient\7Days rpt (8 01AM)



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2473609

Date Received : Aug 16, 2024
Date Reported : Aug 20, 2024
Report Number: 3037293-1

Page 1 of 1

Sample Description	Air Quality						
Location	บ้านขี้เหล็ก (GPS 47P 0728177, 1619188)						
Parameter	Nitrogen dioxide (ppm)						
Measurement Date	Aug 06, 2024 - Aug 13, 2024						
Measurement by	Teeravut Sukdee						
	2473609-1	2473609-2	2473609-3	2473609-4	2473609-5	2473609-6	2473609-7
Time	Aug 06, 2024	Aug 07, 2024	Aug 08, 2024	Aug 09, 2024	Aug 10, 2024	Aug 11, 2024	Aug 12, 2024
01:00 PM - 02:00 PM	0.013	0.016	0.008	0.014	0.021	0.014	0.006
02:00 PM - 03:00 PM	0.012	0.012	0.020	0.019	0.014	0.008	0.015
03:00 PM - 04:00 PM	0.013	0.012	0.010	0.024	0.009	0.006	0.012
04:00 PM - 05:00 PM	0.013	0.011	0.004	0.017	0.012	0.010	0.006
05:00 PM - 06:00 PM	0.012	0.011	0.007	0.006	0.004	0.011	0.005
06:00 PM - 07:00 PM	0.009	0.018	0.006	0.006	0.004	0.006	0.005
07:00 PM - 08:00 PM	0.010	0.006	0.004	0.004	0.007	0.004	0.021
08:00 PM - 09:00 PM	0.011	0.005	0.003	0.005	0.003	0.003	0.028
09:00 PM - 10:00 PM	0.012	0.004	0.004	0.003	0.004	0.008	0.022
10:00 PM - 11:00 PM	0.019	0.005	0.005	0.003	0.007	0.010	0.012
11:00 PM - 12:00 AM	0.014	0.004	0.004	0.006	0.013	0.008	0.017
12:00 AM - 01:00 AM	0.012	0.004	0.007	0.018	0.021	0.007	0.015
01:00 AM - 02:00 AM	0.005	0.006	0.007	0.018	0.024	0.013	0.018
02:00 AM - 03:00 AM	0.003	0.004	0.006	0.018	0.023	0.016	0.017
03:00 AM - 04:00 AM	0.011	0.012	0.006	0.012	0.014	0.013	0.017
04:00 AM - 05:00 AM	0.016	0.012	0.006	0.014	0.015	0.009	0.015
05:00 AM - 06:00 AM	0.009	0.020	0.006	0.029	0.012	0.017	0.009
06:00 AM - 07:00 AM	0.016	0.016	0.006	0.015	0.013	0.018	0.014
07:00 AM - 08:00 AM	0.015	0.014	0.006	0.010	0.015	0.016	0.014
08:00 AM - 09:00 AM	0.010	0.012	0.006	0.018	0.011	0.015	0.012
09:00 AM - 10:00 AM	0.007	0.014	0.006	0.017	0.010	0.015	0.013
10:00 AM - 11:00 AM	0.014	0.013	0.009	0.021	0.009	0.017	0.006
11:00 AM - 12:00 PM	0.015	0.012	0.012	0.014	0.007	0.013	0.015
12:00 PM - 01:00 PM	0.019	0.011	0.008	0.010	0.012	0.014	0.013
Average	0.012	0.011	0.007	0.013	0.012	0.011	0.014
1hr - Maximum	0.019	0.020	0.020	0.029	0.024	0.018	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)

Approved by

Scientist (3)

ADDRESS 104 Phatthanakan Rd , Khwaeng Phatthanakan, Khet Suan Luang, Bangkok 10250 Thailand PHONE +66 0 2760 3000 FAX +66 0 2760 3197
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S:\Reports\Air SOxNOx rpt (5 05PM)



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :

Project Name : Saraburi Factory Plant

Project Location :

Lot ID: 2473615

Date Received : Aug 16, 2024

Date Reported : Aug 21, 2024

Report Number: 3037396-1

Page 1 of 1

Sample Description Air Quality
Location ไร่สวนนก (GPS 47P 0728177, 1619188)
Parameter Sulfur Dioxide (ppm)
Measurement Date Aug 06, 2024 - Aug 13, 2024
Measurement by Teeravut Sukdee

Time	2473615-1		2473615-2		2473615-3		2473615-4		2473615-5		2473615-6		2473615-7	
	Aug 06, 2024	Aug 07, 2024	Aug 08, 2024	Aug 09, 2024	Aug 10, 2024	Aug 11, 2024	Aug 12, 2024	Aug 13, 2024	Aug 14, 2024	Aug 15, 2024	Aug 16, 2024	Aug 17, 2024	Aug 18, 2024	Aug 19, 2024
01:00 PM - 02:00 PM	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
02:00 PM - 03:00 PM	0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
03:00 PM - 04:00 PM	0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
04:00 PM - 05:00 PM	0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
05:00 PM - 06:00 PM	0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
06:00 PM - 07:00 PM	0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
07:00 PM - 08:00 PM	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
08:00 PM - 09:00 PM	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
09:00 PM - 10:00 PM	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
10:00 PM - 11:00 PM	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
11:00 PM - 12:00 AM	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
12:00 AM - 01:00 AM	0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
01:00 AM - 02:00 AM	0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
02:00 AM - 03:00 AM	0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
03:00 AM - 04:00 AM	0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
04:00 AM - 05:00 AM	0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
05:00 AM - 06:00 AM	0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
06:00 AM - 07:00 AM	0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
07:00 AM - 08:00 AM	0.001	0.002	0.001	<0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
08:00 AM - 09:00 AM	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
09:00 AM - 10:00 AM	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
10:00 AM - 11:00 AM	0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
11:00 AM - 12:00 PM	0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
12:00 PM - 01:00 PM	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
Average	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
1hr - Maximum	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
Standard 1hr - Average	0.3	0.3	0.3	0.3	0.3	0.3	0.3	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	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

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. No part of this report 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.

Urawan Rakying
Scientist (3)

ADDRESS 104 Phatthanakan 40, Phatthanakan Rd., Khwaeng Phatthanakan, Khet Suan Luang, Bangkok 10250 Thailand TEL: +66 0 2760 3000 FAX: +66 0 2760 3197
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2/95 7/1 EMAIL

S:\Reports_Air SOxNOx.rpt (7:47AM)



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :

Project Name : Saraburi Factory Plant

Project Location :

Lot ID: 2473595

Date Received : Aug 16, 2024

Date Reported : Aug 21, 2024

Report Number: 3037163-1

Page 1 of 2

Sample Number 2473595-1 to 7
Parameter Wind Speed / Wind Direction
Location ไร่สวนนก (GPS 47P 0728177, 1619188)
Sampling Date Aug 06 - Aug 13, 2024
Sampling by Teeravut Sukdee

Time	Aug 06 - Aug 07, 2024		Aug 07 - Aug 08, 2024		Aug 08 - Aug 09, 2024		Aug 09 - Aug 10, 2024		Aug 10 - Aug 11, 2024		Aug 11 - Aug 12, 2024		Aug 12 - Aug 13, 2024	
	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	0.5	278.0 W	3.3	234.0 SW	0.0	-	0.0	-	0.0	-	0.9	156.0 SSE	2.3	298.0 WNW
02:00 PM - 03:00 PM	0.2	-	0.0	-	0.0	-	1.8	236.0 SW	0.6	230.0 SW	1.7	210.0 SSW	0.3	254.0 WSW
03:00 PM - 04:00 PM	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.9	226.0 SW	0.8	231.0 SW
04:00 PM - 05:00 PM	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.9	242.0 WSW	0.0	-
05:00 PM - 06:00 PM	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	2.5	235.0 SW	0.7	242.0 WSW
06:00 PM - 07:00 PM	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-
07:00 PM - 08:00 PM	0.0	-	3.2	298.0 WNW	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-
08:00 PM - 09:00 PM	0.0	-	0.0	-	0.0	-	0.4	269.0 W	0.0	-	0.0	-	0.0	-
09:00 PM - 10:00 PM	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-
10:00 PM - 11:00 PM	1.1	266.0 W	0.0	-	0.0	-	0.0	-	0.4	198.0 SSW	0.0	-	0.0	-
11:00 PM - 12:00 AM	0.6	276.0 W	0.0	-	0.0	-	1.2	236.0 SW	0.0	-	0.0	-	0.0	-
12:00 AM - 01:00 AM	0.0	-	0.0	-	0.0	-	0.9	231.0 SW	1.3	229.0 SW	0.0	-	0.0	-
01:00 AM - 02:00 AM	0.0	-	0.0	-	0.0	-	0.5	103.0 ESE	1.7	192.0 SSW	0.8	248.0 WSW	1.4	259.0 W
02:00 AM - 03:00 AM	0.0	-	0.0	-	0.0	-	1.3	220.0 SW	0.3	234.0 SW	0.0	-	0.0	-
03:00 AM - 04:00 AM	0.0	-	0.0	-	0.0	-	2.7	305.0 NW	0.7	211.0 SSW	2.5	254.0 WSW	0.0	-
04:00 AM - 05:00 AM	0.0	-	0.0	-	0.0	-	0.0	-	2.1	235.0 SW	2.2	283.0 WNW	0.0	-
05:00 AM - 06:00 AM	0.0	-	0.0	-	0.0	-	1.4	312.0 NW	0.0	-	0.0	-	0.7	204.0 SSW
06:00 AM - 07:00 AM	0.0	-	0.0	-	0.6	286.0 WNW	0.0	-	1.7	187.0 S	0.0	-	0.0	-
07:00 AM - 08:00 AM	0.0	-	0.0	-	0.2	-	0.3	286.0 WNW	2.4	312.0 NW	0.8	323.0 NW	2.6	274.0 W
08:00 AM - 09:00 AM	0.0	-	0.0	-	0.0	-	0.2	-	1.7	233.0 SW	0.0	-	0.1	-
09:00 AM - 10:00 AM	2.4	230.0 SW	0.0	-	1.8	218.0 SW	0.9	300.0 WNW	2.7	242.0 WSW	0.8	237.0 WSW	0.3	231.0 SW
10:00 AM - 11:00 AM	1.3	301.0 WNW	0.5	267.0 W	0.7	209.0 SSW	1.1	234.0 SW	0.4	307.0 NW	0.0	-	2.2	174.0 S
11:00 AM - 12:00 PM	1.4	291.0 WNW	0.6	198.0 SSW	0.7	233.0 SW	0.0	-	1.3	246.0 WSW	1.4	161.0 SSE	0.6	223.0 SW
12:00 PM - 01:00 PM	0.0	-	0.5	254.0 WSW	0.0	-	1.2	191.0 S	1.2	190.0 S	2.6	228.0 SW	0.1	-

Reference Method : Cup Anemometer & Anodized Aluminium Vane Method

The above results are valid only for the analyzed 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 : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhol, Saraburi
Thailand 18260

P/O :

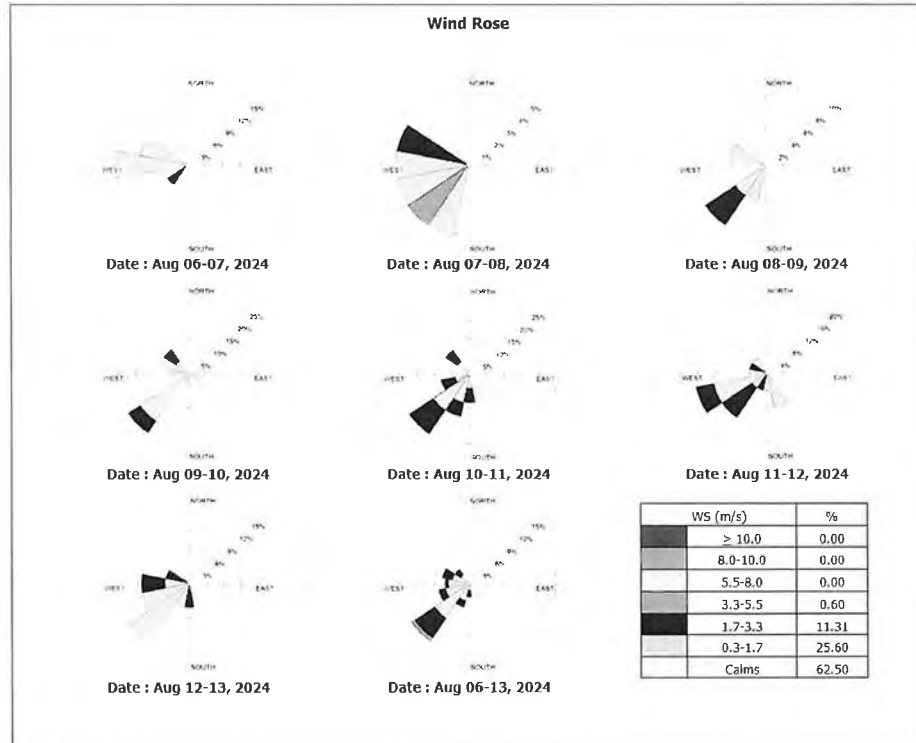
Project Name : Saraburi Factory Plant

Project Location :

Lot ID: 2473595

Date Received : Aug 16, 2024
Date Reported : Aug 21, 2024
Report Number : 3037163-1

Page 2 of 2



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Assistant General Manager

ADDRESS 104 Phatthanakan 40, Phatthanakan Rd., Khwaeng Phatthanakan, Khet Suan Luang, Bangkok 10250 Thailand : TEL: +66 0 2760 3000 : FAX +66 0 2760 3197
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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhol,
Saraburi Thailand 18260

P/O : 4100119854

Project Name : Saraburi Factory Plant

Project Location :



TESTING
No.0009

Lot ID: 2473653

Date Received : Oct 29, 2024
Date Reported : Nov 05, 2024
Report Number: 3037423-1

Page 1 of 1

Sample Description		Air Quality			
Location		โรงเรียนเทศบาลวัดกร่าง (GPS 47P 0722982, 1616353)			
Date Analysis Commenced		Oct 30, 2024			
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)
2473653-1	Oct 18 - Oct 19, 2024	0.027	0.017	751	30
2473653-2	Oct 19 - Oct 20, 2024	0.052	0.028	751	26
2473653-3	Oct 20 - Oct 21, 2024	0.044	0.027	751	26
2473653-4	Oct 21 - Oct 22, 2024	0.097	0.045	751	32
2473653-5	Oct 22 - Oct 23, 2024	0.083	0.040	751	34
2473653-6	Oct 23 - Oct 24, 2024	0.088	0.040	751	35
2473653-7	Oct 24 - Oct 25, 2024	0.154	0.062	751	35
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 : Promeet. Sripatnet

Remark :

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

Approved by

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. No part of this report 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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S:\Reports\Air Ambient\7Days.rpt (4 14PM)



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh, Saraburi
Thailand 18260
P/O : 4100119854
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2473618
Date Received : Oct 29, 2024
Date Reported : Nov 01, 2024
Report Number: 3037303-1

Page 1 of 1

Sample Description Air Quality
Location โรงเรือนอบปูนขาวท่ากรัง (GPS 47P 0722982, 1616353)
Parameter Nitrogen dioxide (ppm)
Measurement Date Oct 18, 2024 - Oct 25, 2024
Measurement by Prommee Sripatnet

Time	2473618-1 Oct 18, 2024	2473618-2 Oct 19, 2024	2473618-3 Oct 20, 2024	2473618-4 Oct 21, 2024	2473618-5 Oct 22, 2024	2473618-6 Oct 23, 2024	2473618-7 Oct 24, 2024
01:00 PM - 02:00 PM	0.0100	0.0053	0.0244	0.0133	0.0050	0.0032	0.0143
02:00 PM - 03:00 PM	0.0101	0.0071	0.0102	0.0126	0.0016	0.0024	0.0176
03:00 PM - 04:00 PM	0.0097	0.0075	0.0113	0.0061	0.0024	0.0020	0.0145
04:00 PM - 05:00 PM	0.0095	0.0100	0.0143	0.0061	0.0028	0.0035	0.0171
05:00 PM - 06:00 PM	0.0167	0.0128	0.0231	0.0084	0.0047	0.0043	0.0218
06:00 PM - 07:00 PM	0.0251	0.0152	0.0370	0.0067	0.0134	0.0082	0.0127
07:00 PM - 08:00 PM	0.0394	0.0127	0.0369	0.0055	0.0166	0.0098	0.0070
08:00 PM - 09:00 PM	0.0261	0.0088	0.0301	0.0073	0.0099	0.0124	0.0126
09:00 PM - 10:00 PM	0.0135	0.0063	0.0223	0.0127	0.0028	0.0109	0.0082
10:00 PM - 11:00 PM	0.0101	0.0064	0.0187	0.0102	0.0055	0.0117	0.0118
11:00 PM - 12:00 AM	0.0126	0.0067	0.0178	0.0093	0.0067	0.0117	0.0085
12:00 AM - 01:00 AM	0.0129	0.0063	0.0155	0.0089	0.0094	0.0095	0.0060
01:00 AM - 02:00 AM	0.0101	0.0058	0.0117	0.0065	0.0079	0.0061	0.0054
02:00 AM - 03:00 AM	0.0188	0.0057	0.0108	0.0075	0.0105	0.0073	0.0053
03:00 AM - 04:00 AM	0.0145	0.0059	0.0099	0.0123	0.0100	0.0066	0.0044
04:00 AM - 05:00 AM	0.0228	0.0062	0.0102	0.0200	0.0093	0.0057	0.0047
05:00 AM - 06:00 AM	0.0167	0.0065	0.0097	0.0102	0.0093	0.0089	0.0079
06:00 AM - 07:00 AM	0.0153	0.0056	0.0076	0.0098	0.0089	0.0091	0.0146
07:00 AM - 08:00 AM	0.0198	0.0058	0.0074	0.0146	0.0116	0.0069	0.0180
08:00 AM - 09:00 AM	0.0382	0.0051	0.0071	0.0076	0.0131	0.0071	0.0178
09:00 AM - 10:00 AM	0.0254	0.0041	0.0080	0.0088	0.0127	0.0089	0.0155
10:00 AM - 11:00 AM	0.0091	0.0038	0.0103	0.0070	0.0135	0.0070	0.0142
11:00 AM - 12:00 PM	0.0074	0.0061	0.0108	0.0035	0.0129	0.0088	0.0116
12:00 PM - 01:00 PM	0.0076	0.0075	0.0139	0.0027	0.0130	0.0073	0.0106
Average	0.0167	0.0072	0.0158	0.0091	0.0089	0.0075	0.0118
1hr - Maximum	0.0394	0.0152	0.0370	0.0200	0.0166	0.0124	0.0218
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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Orawan Rakkyong
Scientist (3)

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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S:\Reports_Air SOxNOx rpt (9.46AM)



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh, Saraburi
Thailand 18260
P/O : 4100119854
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2473639
Date Received : Oct 29, 2024
Date Reported : Nov 01, 2024
Report Number: 3037399-1

Page 1 of 1

Sample Description Air Quality
Location โรงเรือนอบปูนขาวท่ากรัง (GPS 47P 0722982, 1616353)
Parameter Sulfur Dioxide (ppm)
Measurement Date Oct 18, 2024 - Oct 25, 2024
Measurement by Prommee Sripatnet

Time	2473639-1 Oct 18, 2024	2473639-2 Oct 19, 2024	2473639-3 Oct 20, 2024	2473639-4 Oct 21, 2024	2473639-5 Oct 22, 2024	2473639-6 Oct 23, 2024	2473639-7 Oct 24, 2024
01:00 PM - 02:00 PM	0.0022	0.0021	0.0020	0.0020	0.0020	0.0020	0.0019
02:00 PM - 03:00 PM	0.0021	0.0021	0.0020	0.0020	0.0020	0.0020	0.0019
03:00 PM - 04:00 PM	0.0021	0.0020	0.0020	0.0020	0.0020	0.0020	0.0019
04:00 PM - 05:00 PM	0.0021	0.0021	0.0020	0.0020	0.0020	0.0020	0.0019
05:00 PM - 06:00 PM	0.0021	0.0022	0.0021	0.0020	0.0020	0.0020	0.0019
06:00 PM - 07:00 PM	0.0021	0.0021	0.0022	0.0020	0.0021	0.0020	0.0019
07:00 PM - 08:00 PM	0.0021	0.0021	0.0021	0.0020	0.0021	0.0020	0.0019
08:00 PM - 09:00 PM	0.0022	0.0021	0.0022	0.0020	0.0020	0.0021	0.0021
09:00 PM - 10:00 PM	0.0022	0.0021	0.0021	0.0021	0.0021	0.0022	0.0020
10:00 PM - 11:00 PM	0.0022	0.0021	0.0022	0.0021	0.0021	0.0022	0.0021
11:00 PM - 12:00 AM	0.0022	0.0021	0.0023	0.0022	0.0020	0.0022	0.0021
12:00 AM - 01:00 AM	0.0022	0.0021	0.0023	0.0022	0.0021	0.0021	0.0021
01:00 AM - 02:00 AM	0.0022	0.0021	0.0022	0.0022	0.0021	0.0021	0.0020
02:00 AM - 03:00 AM	0.0022	0.0022	0.0023	0.0022	0.0020	0.0021	0.0021
03:00 AM - 04:00 AM	0.0022	0.0022	0.0022	0.0022	0.0021	0.0021	0.0021
04:00 AM - 05:00 AM	0.0023	0.0022	0.0023	0.0022	0.0020	0.0021	0.0022
05:00 AM - 06:00 AM	0.0023	0.0021	0.0022	0.0022	0.0021	0.0020	0.0022
06:00 AM - 07:00 AM	0.0023	0.0022	0.0022	0.0022	0.0021	0.0020	0.0021
07:00 AM - 08:00 AM	0.0022	0.0022	0.0022	0.0022	0.0021	0.0020	0.0022
08:00 AM - 09:00 AM	0.0023	0.0021	0.0022	0.0021	0.0021	0.0020	0.0022
09:00 AM - 10:00 AM	0.0022	0.0021	0.0022	0.0021	0.0020	0.0020	0.0021
10:00 AM - 11:00 AM	0.0022	0.0020	0.0021	0.0020	0.0020	0.0019	0.0020
11:00 AM - 12:00 PM	0.0021	0.0020	0.0021	0.0020	0.0020	0.0019	0.0020
12:00 PM - 01:00 PM	0.0021	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020
Average	0.0022	0.0021	0.0022	0.0021	0.0020	0.0020	0.0020
1hr - Maximum	0.0023	0.0022	0.0023	0.0022	0.0021	0.0022	0.0022
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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Scientist (3)

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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S:\Reports_Air SOxNOx rpt (9.56AM)



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhol, Saraburi
Thailand 18260

P/O : 4100119854

Project Name : Saraburi Factory Plant

Project Location :

Lot ID: 2473598

Date Received : Oct 29, 2024

Date Reported : Nov 05, 2024

Report Number :3037165-1

Page 1 of 2

Sample Number : 2473598-1 to 7
Parameter : Wind Speed / Wind Direction
Location : โรงโม่หินและปูนซีเมนต์ (GPS 47P 0722982, 1616353)
Sampling Date : Oct 18 - Oct 25, 2024
Sampling by : Prommee Sripatnet

Time	Oct 18 - Oct 19, 2024			Oct 19 - Oct 20, 2024			Oct 20 - Oct 21, 2024			Oct 21 - Oct 22, 2024			Oct 22 - Oct 23, 2024			Oct 23 - Oct 24, 2024			Oct 24 - Oct 25, 2024		
	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	0.8	280.0	W	0.2	-	-	0.9	241.0	WSW	0.7	350.0	N	1.9	358.0	N	2.8	77.0	ENE	0.5	3.0	N
02:00 PM - 03:00 PM	1.7	301.0	WNW	0.6	210.0	SSW	1.5	329.0	NNW	1.4	14.0	NNE	1.1	330.0	NNW	3.7	59.0	ENE	1.2	27.0	NNE
03:00 PM - 04:00 PM	0.0	-	-	0.5	320.0	NW	1.0	42.0	NE	0.7	335.0	NNW	0.8	33.0	NNE	1.7	85.0	E	0.6	27.0	NNE
04:00 PM - 05:00 PM	0.0	-	-	0.2	-	-	1.4	28.0	NNE	0.4	62.0	ENE	1.3	34.0	NE	1.5	64.0	ENE	1.8	331.0	NNW
05:00 PM - 06:00 PM	2.5	187.0	S	1.0	24.0	NNE	1.1	156.0	SSE	1.2	130.0	SE	0.3	38.0	NE	0.0	-	-	1.6	302.0	WNW
06:00 PM - 07:00 PM	1.0	71.0	ENE	0.6	52.0	NE	0.1	-	-	1.5	123.0	ESE	0.0	-	-	2.6	71.0	ENE	1.3	61.0	ENE
07:00 PM - 08:00 PM	0.0	-	-	1.2	0.0	N	0.0	-	-	0.0	-	-	0.9	69.0	ENE	1.7	36.0	NE	0.4	63.0	ENE
08:00 PM - 09:00 PM	0.6	142.0	SE	1.3	102.0	ESE	0.0	-	-	0.9	72.0	ENE	1.0	78.0	ENE	1.1	130.0	SE	0.5	63.0	ENE
09:00 PM - 10:00 PM	0.2	-	-	1.2	74.0	ENE	0.0	-	-	0.0	-	-	0.1	-	-	1.2	88.0	E	0.5	73.0	ENE
10:00 PM - 11:00 PM	0.0	-	-	1.1	48.0	NE	0.5	40.0	NE	0.5	53.0	NE	2.2	102.0	ESE	0.9	76.0	ENE	0.0	-	-
11:00 PM - 12:00 AM	0.3	173.0	S	0.0	-	-	0.3	57.0	ENE	0.6	130.0	SE	1.3	81.0	E	2.3	71.0	ENE	0.6	74.0	ENE
12:00 AM - 01:00 AM	0.0	-	-	0.0	-	-	1.1	70.0	ENE	0.5	63.0	ENE	0.6	33.0	NNE	0.0	-	-	1.0	86.0	E
01:00 AM - 02:00 AM	0.5	289.0	WNW	0.8	310.0	NW	0.8	29.0	NNE	0.3	25.0	NNE	2.3	80.0	E	1.2	87.0	E	1.9	73.0	ENE
02:00 AM - 03:00 AM	0.0	-	-	0.9	95.0	E	0.6	66.0	ENE	0.0	-	-	2.5	52.0	NE	0.5	296.0	WNW	0.9	40.0	NE
03:00 AM - 04:00 AM	0.0	-	-	0.5	68.0	ENE	0.7	180.0	S	0.0	-	-	0.5	33.0	NNE	0.4	54.0	NE	0.0	-	-
04:00 AM - 05:00 AM	0.3	290.0	WNW	0.0	-	-	0.8	116.0	ESE	0.0	-	-	0.1	-	-	1.6	30.0	NNE	0.0	-	-
05:00 AM - 06:00 AM	0.0	-	-	0.8	56.0	NE	0.1	-	-	0.0	-	-	2.8	60.0	ENE	1.6	73.0	ENE	0.9	72.0	ENE
06:00 AM - 07:00 AM	0.0	-	-	1.0	72.0	ENE	0.0	-	-	1.4	100.0	E	1.5	27.0	NNE	1.3	18.0	NNE	0.0	-	-
07:00 AM - 08:00 AM	0.4	266.0	W	1.2	51.0	NE	0.7	287.0	WNW	1.0	24.0	NNE	1.1	102.0	ESE	1.1	93.0	E	0.0	-	-
08:00 AM - 09:00 AM	0.8	321.0	NW	2.7	20.0	NNE	0.9	253.0	WSW	0.8	68.0	ENE	4.4	71.0	ENE	2.4	48.0	NE	0.0	-	-
09:00 AM - 10:00 AM	0.8	70.0	ENE	2.0	63.0	ENE	0.0	-	-	4.6	100.0	E	1.3	62.0	ENE	5.2	78.0	ENE	1.2	294.0	WNW
10:00 AM - 11:00 AM	1.2	165.0	SSE	1.4	259.0	W	0.5	294.0	WNW	2.1	7.0	N	3.8	51.0	NE	0.4	20.0	NNE	1.1	347.0	NNW
11:00 AM - 12:00 PM	2.2	130.0	SE	0.5	241.0	WSW	0.6	52.0	NE	3.8	39.0	NE	5.3	49.0	NE	1.9	105.0	ESE	3.1	277.0	W
12:00 PM - 01:00 PM	1.9	139.0	SE	0.7	256.0	WSW	1.2	72.0	ENE	1.0	82.0	E	2.3	90.0	E	2.2	79.0	E	1.6	58.0	W

Reference Method : Cup Anemometer & Anodized Aluminium Vane Method

The above results are valid only for the analyzed sample(s) as indicated in this report. For full or partial 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.

Responsible General Manager

ADDRESS 104 Phatthanakan 40, Phatthanakan Rd., Khwaeng Phatthanakan, Khet Suan Luang, Bangkok 10250 Thailand TEL: +66 0 2760 3000 FAX: +66 0 2760 3197
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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhol, Saraburi
Thailand 18260

P/O : 4100119854

Project Name : Saraburi Factory Plant

Project Location :

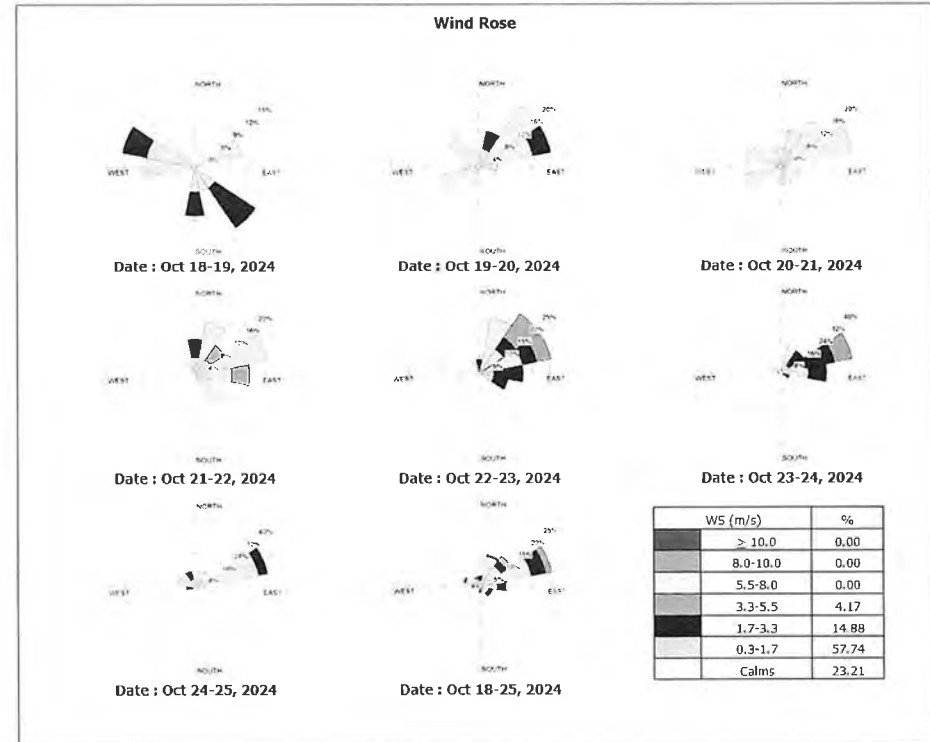
Lot ID: 2473598

Date Received : Oct 29, 2024

Date Reported : Nov 05, 2024

Report Number :3037165-1

Page 2 of 2



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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi,
Saraburi Thailand 18260

P/O :

Project Name : Saraburi Factory Plant

Project Location :



TESTING
No.0009

Lot ID: 2473654

Date Received : Sep 04, 2024

Date Reported : Sep 10, 2024

Report Number: 3037425-1

Page 1 of 1

Sample Description Air Quality
Location โรงเรือนปูนชนิดกึ่งปิดทางตะวันตก (GPS 47P 0725095, 1614326)
Date Analysis Commenced Sep 05, 2024
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/m ³)	Particulate Matter (PM-10) (mg/m ³)	Barometric Pressure (mm Hg)	Atmospheric Temperature (°C)
2473654-1	Aug 23 - Aug 24, 2024	0.038	0.027	750	33
2473654-2	Aug 24 - Aug 25, 2024	0.095	0.055	750	33
2473654-3	Aug 25 - Aug 26, 2024	0.038	0.023	750	33
2473654-4	Aug 26 - Aug 27, 2024	0.033	0.021	750	33
2473654-5	Aug 27 - Aug 28, 2024	0.036	0.021	750	32
2473654-6	Aug 28 - Aug 29, 2024	0.027	0.018	750	33
2473654-7	Aug 29 - Aug 30, 2024	0.023	0.017	750	33
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 : Prommee Sripanet

Remark :

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

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. No part of this report 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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S:\Reports_Air Ambient\7Days rpt (12 12PM)



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :

Project Name : Saraburi Factory Plant

Project Location :

Lot ID: 2473619

Date Received : Sep 04, 2024

Date Reported : Sep 09, 2024

Report Number: 3037311-1

Page 1 of 1

Sample Description Air Quality
Location โรงเรือนปูนชนิดกึ่งปิดทางตะวันตก (GPS 47P 0725095, 1614326)
Parameter Nitrogen dioxide (ppm)
Measurement Date Aug 23, 2024 - Aug 30, 2024
Measurement by Paramet Sattayakun

	2473619-1 Aug 23, 2024	2473619-2 Aug 24, 2024	2473619-3 Aug 25, 2024	2473619-4 Aug 26, 2024	2473619-5 Aug 27, 2024	2473619-6 Aug 28, 2024	2473619-7 Aug 29, 2024
Time							
11:00 AM - 12:00 PM	0.006	0.013	0.010	0.008	0.013	0.014	0.008
12:00 PM - 01:00 PM	0.008	0.015	0.010	0.008	0.012	0.006	0.009
01:00 PM - 02:00 PM	0.009	0.015	0.008	0.007	0.013	0.007	0.009
02:00 PM - 03:00 PM	0.008	0.010	0.009	0.009	0.013	0.007	0.007
03:00 PM - 04:00 PM	0.007	0.007	0.006	0.010	0.011	0.006	0.006
04:00 PM - 05:00 PM	0.006	0.009	0.006	0.012	0.008	0.002	0.008
05:00 PM - 06:00 PM	0.005	0.006	0.004	0.010	0.007	0.004	0.006
06:00 PM - 07:00 PM	0.005	0.007	0.006	0.009	0.013	0.003	0.005
07:00 PM - 08:00 PM	0.004	0.006	0.006	0.008	0.005	0.002	0.006
08:00 PM - 09:00 PM	0.004	0.005	0.006	0.007	0.004	0.002	0.004
09:00 PM - 10:00 PM	0.003	0.004	0.005	0.008	0.004	0.002	0.005
10:00 PM - 11:00 PM	0.004	0.003	0.006	0.007	0.002	0.003	0.006
11:00 PM - 12:00 AM	0.004	0.002	0.005	0.008	0.003	0.003	0.005
12:00 AM - 01:00 AM	0.007	0.004	0.008	0.006	0.009	0.010	0.006
01:00 AM - 02:00 AM	0.009	0.020	0.006	0.005	0.009	0.005	0.005
02:00 AM - 03:00 AM	0.009	0.014	0.005	0.005	0.006	0.005	0.007
03:00 AM - 04:00 AM	0.008	0.012	0.006	0.005	0.005	0.005	0.009
04:00 AM - 05:00 AM	0.008	0.011	0.006	0.006	0.004	0.006	0.009
05:00 AM - 06:00 AM	0.009	0.011	0.006	0.007	0.004	0.009	0.008
06:00 AM - 07:00 AM	0.009	0.013	0.006	0.008	0.005	0.009	0.007
07:00 AM - 08:00 AM	0.010	0.014	0.006	0.009	0.006	0.008	0.009
08:00 AM - 09:00 AM	0.010	0.013	0.007	0.008	0.008	0.007	0.009
09:00 AM - 10:00 AM	0.008	0.010	0.008	0.009	0.008	0.007	0.011
10:00 AM - 11:00 AM	0.014	0.009	0.008	0.013	0.011	0.008	0.010
Average	0.007	0.010	0.007	0.008	0.008	0.006	0.007
1hr - Maximum	0.014	0.020	0.010	0.013	0.013	0.014	0.011
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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S:\Reports_Air SOx\NOx rpt (9:10AM)



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2473640
Date Received : Sep 04, 2024
Date Reported : Sep 09, 2024
Report Number: 3037402-1

Page 1 of 1

Sample Description	Air Quality						
Location	โรงเรียนชุมชนนิคมพัฒนาทางสงเคราะห์ (GPS 47P 0725095, 1614326)						
Parameter	Sulfur Dioxide (ppm)						
Measurement Date	Aug 23, 2024 - Aug 30, 2024						
Measurement by	Prommee Sripatnet						
	2473640-1	2473640-2	2473640-3	2473640-4	2473640-5	2473640-6	2473640-7
Time	Aug 23, 2024	Aug 24, 2024	Aug 25, 2024	Aug 26, 2024	Aug 27, 2024	Aug 28, 2024	Aug 29, 2024
11:00 AM - 12:00 PM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
12:00 PM - 01:00 PM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
01:00 PM - 02:00 PM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
02:00 PM - 03:00 PM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
03:00 PM - 04:00 PM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
04:00 PM - 05:00 PM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
05:00 PM - 06:00 PM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
06:00 PM - 07:00 PM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
07:00 PM - 08:00 PM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
08:00 PM - 09:00 PM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
09:00 PM - 10:00 PM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
10:00 PM - 11:00 PM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
11:00 PM - 12:00 AM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
12:00 AM - 01:00 AM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.001
01:00 AM - 02:00 AM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
02:00 AM - 03:00 AM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
03:00 AM - 04:00 AM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
04:00 AM - 05:00 AM	<0.001	<0.001	<0.001	<0.001	<0.001	<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	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
08:00 AM - 09:00 AM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
09:00 AM - 10:00 AM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
10:00 AM - 11:00 AM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Average	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1hr - Maximum	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.001
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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Saranya Chalermthamrong
Scientist (4)

ADDRESS 104 Phatthanakan 40, Phatthanakan Rd., Khwaeng Phatthanakan, Khet Suan Luang, Bangkok 10250 Thailand TEL: +66 0 2760 3000 FAX: +66 0 2760 3197
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S:\Reports\Air SOxNOx rpt (9 43AM)



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2473599
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report Number: :3037169-1

Page 1 of 2

Sample Number	2473599-1 to 7																				
Parameter	Wind Speed / Wind Direction																				
Location	โรงเรียนชุมชนนิคมพัฒนาทางสงเคราะห์ (GPS 47P 0725095, 1614326)																				
Sampling Date	Aug 23 - Aug 30, 2024																				
Sampling by	Prommee Sripatnet																				
Time	Aug 23 - Aug 24, 2024			Aug 24 - Aug 25, 2024			Aug 25 - Aug 26, 2024			Aug 26 - Aug 27, 2024			Aug 27 - Aug 28, 2024			Aug 28 - Aug 29, 2024			Aug 29 - Aug 30, 2024		
	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	1.3	104.0	ESE	1.6	234.0	SW	1.5	208.0	SSW	1.0	325.0	NW	0.4	185.0	\$	0.0	-	-	0.6	228.0	SW
12:00 PM - 01:00 PM	0.5	208.0	SSW	0.5	304.0	NW	1.1	211.0	SSW	0.2	-	-	0.0	-	-	0.4	194.0	SSW	1.7	182.0	\$
01:00 PM - 02:00 PM	1.7	195.0	SSW	0.0	-	-	1.5	137.0	SE	1.6	176.0	\$	1.1	220.0	SW	1.0	260.0	W	0.6	46.0	NE
02:00 PM - 03:00 PM	0.7	255.0	WSW	0.7	172.0	\$	0.8	175.0	\$	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-
03:00 PM - 04:00 PM	0.3	223.0	SW	0.8	266.0	W	0.8	174.0	\$	0.3	203.0	SSW	0.0	-	-	0.4	170.0	\$	0.0	-	-
04:00 PM - 05:00 PM	0.0	-	-	0.4	231.0	SW	0.3	214.0	SW	0.0	-	-	0.0	-	-	1.8	151.0	SSE	0.0	-	-
05:00 PM - 06:00 PM	0.0	-	-	0.3	102.0	ESE	0.2	-	-	0.0	-	-	0.0	-	-	1.1	194.0	SSW	0.3	179.0	\$
06:00 PM - 07:00 PM	0.2	-	-	0.8	254.0	WSW	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.7	203.0	SSW
07:00 PM - 08:00 PM	0.7	80.0	E	1.0	61.0	ENE	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	1.3	203.0	SSW
08:00 PM - 09:00 PM	0.6	27.0	NNE	3.1	112.0	ESE	0.0	-	-	0.0	-	-	0.0	-	-	0.2	-	-	0.6	240.0	WSW
09:00 PM - 10:00 PM	0.0	-	-	0.2	-	-	0.9	221.0	SW	0.0	-	-	1.0	210.0	SSW	1.4	222.0	SW	0.0	-	-
10:00 PM - 11:00 PM	0.0	-	-	0.8	298.0	WNW	0.0	-	-	0.1	-	-	1.0	184.0	\$	0.0	-	-	0.0	-	-
11:00 PM - 12:00 AM	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	1.4	242.0	WSW	0.0	-	-	0.0	-	-
12:00 AM - 01:00 AM	0.0	-	-	0.8	43.0	NE	0.0	-	-	0.0	-	-	0.6	359.0	N	0.0	-	-	0.0	-	-
01:00 AM - 02:00 AM	0.0	-	-	1.8	48.0	NE	0.2	-	-	0.2	-	-	0.0	-	-	0.0	-	-	0.0	-	-
02:00 AM - 03:00 AM	0.0	-	-	1.2	58.0	ENE	0.0	-	-	0.3	225.0	SW	0.4	254.0	WSW	0.0	-	-	0.0	-	-
03:00 AM - 04:00 AM	0.2	-	-	0.5	1.0	N	0.0	-	-	0.0	-	-	0.5	286.0	WNW	0.0	-	-	0.0	-	-
04:00 AM - 05:00 AM	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-
05:00 AM - 06:00 AM	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.2	-	-	0.0	-	-
06:00 AM - 07:00 AM	0.0	-	-	0.9	68.0	ENE	0.9	296.0	WNW	1.1	163.0	SSE	0.0	-	-	0.0	-	-	0.0	-	-
07:00 AM - 08:00 AM	0.8	334.0	NNW	0.0	-	-	0.0	-	-	1.4	150.0	SSE	0.0	-	-	0.7	192.0	SSW	0.0	-	-
08:00 AM - 09:00 AM	0.1	-	-	0.2	-	-	0.5	271.0	W	0.3	148.0	SSE	0.0	-	-	1.2	212.0	SSW	0.4	202.0	SSW
09:00 AM - 10:00 AM	1.0	210.0	SSW	1.0	154.0	SSE	1.0	195.0	SSW	0.9	121.0	ESE	0.0	-	-	0.0	-	-	0.5	169.0	\$
10:00 AM - 11:00 AM	0.5	141.0	SE	1.1	217.0	SW	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	1.1	242.0	WSW

Reference Method : Cup Anemometer & Anodized Aluminium Vane Method

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :

Project Name : Saraburi Factory Plant

Project Location :

Lot ID: 2473599

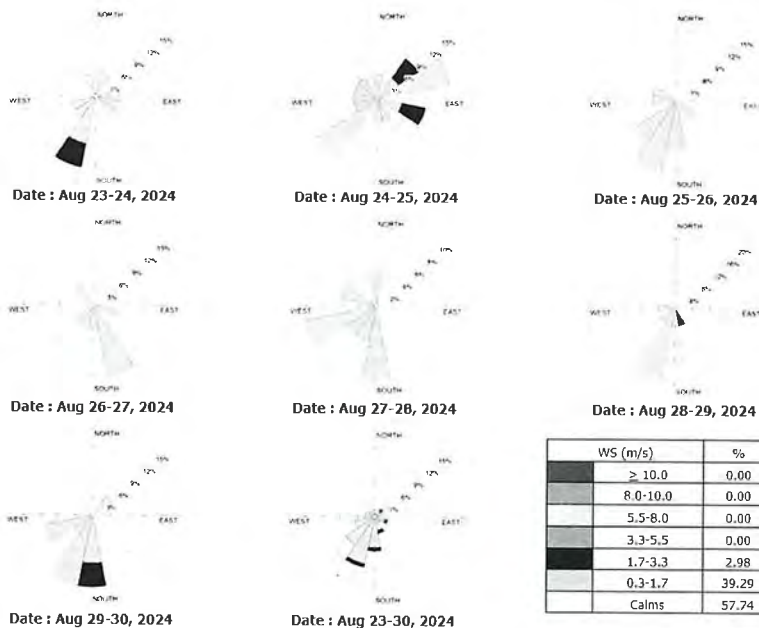
Date Received : Sep 04, 2024

Date Reported : Sep 11, 2024

Report Number : 3037169-1

Page 2 of 2

Wind Rose



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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi,
Saraburi Thailand 18260

P/O :

Project Name : Saraburi Factory Plant

Project Location :



TESTING
No.0009

Lot ID: 2473655

Date Received : Aug 16, 2024

Date Reported : Aug 24, 2024

Report Number: 3037427-1

Page 1 of 1

Sample Description Air Quality
Location โรงเชื่อมพลาสมา (GPS 47P 0720136, 1616520)
Date Analysis Commenced Aug 20, 2024
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)
2473655-1	Aug 06 - Aug 07, 2024	0.258	0.069	753	34
2473655-2	Aug 07 - Aug 08, 2024	0.189	0.053	753	33
2473655-3	Aug 08 - Aug 09, 2024	0.203	0.067	753	35
2473655-4	Aug 09 - Aug 10, 2024	0.275	0.082	753	34
2473655-5	Aug 10 - Aug 11, 2024	0.134	0.047	753	34
2473655-6	Aug 11 - Aug 12, 2024	0.127	0.041	753	34
2473655-7	Aug 12 - Aug 13, 2024	0.143	0.043	753	33
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 : Teeravut Sukdee

Remark :

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

Approved by

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S:\Reports_L\Air Ambient\Days rpt (8 39AM)



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhroi, Saraburi
Thailand 18260

P/O :

Project Name : Saraburi Factory Plant

Project Location :

Lot ID: 2473620

Date Received : Aug 16, 2024

Date Reported : Aug 21, 2024

Report Number: 3037327-1

Page 1 of 1

Sample Description	Air Quality						
Location	โรงสีปูนซีเมนต์ (GPS 47P 0720136, 1616520)						
Parameter	Nitrogen dioxide (ppm)						
Measurement Date	Aug 06, 2024 - Aug 13, 2024						
Measurement by	Teeravut Sukdee						
	2473620-1	2473620-2	2473620-3	2473620-4	2473620-5	2473620-6	2473620-7
Time	Aug 06, 2024	Aug 07, 2024	Aug 08, 2024	Aug 09, 2024	Aug 10, 2024	Aug 11, 2024	Aug 12, 2024
10:00 AM - 11:00 AM	0.017	0.008	0.013	0.013	0.009	0.010	0.009
11:00 AM - 12:00 PM	0.035	0.017	0.019	0.016	0.010	0.012	0.005
12:00 PM - 01:00 PM	0.025	0.021	0.026	0.023	0.014	0.015	0.008
01:00 PM - 02:00 PM	0.033	0.029	0.028	0.026	0.019	0.012	0.018
02:00 PM - 03:00 PM	0.016	0.009	0.016	0.010	0.010	0.007	0.011
03:00 PM - 04:00 PM	0.007	0.007	0.010	0.008	0.008	0.007	0.008
04:00 PM - 05:00 PM	0.006	0.006	0.009	0.006	0.006	0.009	0.008
05:00 PM - 06:00 PM	0.008	0.008	0.005	0.007	0.007	0.008	0.009
06:00 PM - 07:00 PM	0.008	0.008	0.008	0.010	0.008	0.010	0.009
07:00 PM - 08:00 PM	0.011	0.010	0.011	0.011	0.008	0.005	0.010
08:00 PM - 09:00 PM	0.007	0.010	0.014	0.010	0.008	0.006	0.009
09:00 PM - 10:00 PM	0.010	0.013	0.018	0.017	0.010	0.006	0.012
10:00 PM - 11:00 PM	0.010	0.022	0.019	0.012	0.013	0.010	0.016
11:00 PM - 12:00 AM	0.013	0.012	0.031	0.015	0.017	0.010	0.029
12:00 AM - 01:00 AM	0.016	0.012	0.032	0.024	0.018	0.018	0.031
01:00 AM - 02:00 AM	0.017	0.020	0.009	0.017	0.017	0.012	0.019
02:00 AM - 03:00 AM	0.024	0.009	0.013	0.020	0.014	0.013	0.013
03:00 AM - 04:00 AM	0.021	0.007	0.016	0.012	0.012	0.003	0.008
04:00 AM - 05:00 AM	0.016	0.016	0.017	0.030	0.007	0.010	0.008
05:00 AM - 06:00 AM	0.012	0.015	0.013	0.017	0.004	0.010	0.010
06:00 AM - 07:00 AM	0.009	0.014	0.011	0.013	0.006	0.010	0.011
07:00 AM - 08:00 AM	0.006	0.012	0.009	0.012	0.008	0.005	0.021
08:00 AM - 09:00 AM	0.007	0.015	0.007	0.013	0.005	0.005	0.009
09:00 AM - 10:00 AM	0.007	0.015	0.011	0.010	0.012	0.006	0.022
Average	0.014	0.013	0.015	0.015	0.010	0.009	0.013
1hr - Maximum	0.035	0.029	0.032	0.030	0.019	0.018	0.031
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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Orawan Rakyoung
Scientist (3)

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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S:\Reports_Air SOxNOx rpt (9 33AM)



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhroi, Saraburi
Thailand 18260

P/O :

Project Name : Saraburi Factory Plant

Project Location :

Lot ID: 2473641

Date Received : Aug 16, 2024

Date Reported : Aug 21, 2024

Report Number: 3037406-1

Page 1 of 1

Sample Description	Air Quality						
Location	โรงสีปูนซีเมนต์ (GPS 47P 0720136, 1616520)						
Parameter	Sulfur Dioxide (ppm)						
Measurement Date	Aug 06, 2024 - Aug 13, 2024						
Measurement by	Teeravut Sukdee						
	2473641-1	2473641-2	2473641-3	2473641-4	2473641-5	2473641-6	2473641-7
Time	Aug 06, 2024	Aug 07, 2024	Aug 08, 2024	Aug 09, 2024	Aug 10, 2024	Aug 11, 2024	Aug 12, 2024
10:00 AM - 11:00 AM	<0.001	<0.001	0.001	0.001	0.001	0.001	0.001
11:00 AM - 12:00 PM	<0.001	<0.001	0.001	<0.001	0.001	0.001	0.001
12:00 PM - 01:00 PM	<0.001	<0.001	<0.001	0.001	0.001	0.001	0.001
01:00 PM - 02:00 PM	<0.001	0.001	0.001	0.001	0.001	0.001	0.001
02:00 PM - 03:00 PM	<0.001	<0.001	<0.001	0.001	0.001	0.001	0.001
03:00 PM - 04:00 PM	<0.001	<0.001	<0.001	0.001	0.001	0.001	0.001
04:00 PM - 05:00 PM	<0.001	<0.001	0.001	0.001	0.001	0.001	0.001
05:00 PM - 06:00 PM	0.001	<0.001	0.001	0.001	0.001	0.001	0.001
06:00 PM - 07:00 PM	0.001	<0.001	0.001	0.001	0.001	0.001	0.001
07:00 PM - 08:00 PM	0.001	0.001	0.001	0.001	0.001	0.001	0.001
08:00 PM - 09:00 PM	<0.001	0.001	0.001	0.001	0.001	0.001	0.001
09:00 PM - 10:00 PM	<0.001	0.001	0.001	0.001	0.001	0.001	0.001
10:00 PM - 11:00 PM	0.001	0.001	0.001	0.001	0.001	0.001	0.001
11:00 PM - 12:00 AM	<0.001	<0.001	<0.001	0.001	0.001	0.001	0.001
12:00 AM - 01:00 AM	<0.001	0.001	0.001	0.001	0.001	0.001	0.001
01:00 AM - 02:00 AM	<0.001	<0.001	0.001	0.001	0.001	0.001	0.001
02:00 AM - 03:00 AM	<0.001	<0.001	<0.001	0.001	0.001	0.001	0.001
03:00 AM - 04:00 AM	<0.001	<0.001	<0.001	0.001	0.001	0.001	0.001
04:00 AM - 05:00 AM	<0.001	<0.001	<0.001	0.001	0.001	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	<0.001	<0.001	<0.001	<0.001	0.001	0.001	0.001
08:00 AM - 09:00 AM	<0.001	<0.001	<0.001	0.001	0.001	0.001	0.001
09:00 AM - 10:00 AM	<0.001	<0.001	0.001	0.001	0.001	0.001	0.001
Average	<0.001	<0.001	0.001	0.001	0.001	0.001	0.001
1hr - Maximum	0.001	0.001	0.001	0.001	0.001	0.001	0.001
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

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. No part of this report 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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S:\Reports_Air SOxNOx rpt (9 37AM)



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2473600
Date Received :Aug 16, 2024
Date Reported :Aug 21, 2024
Report Number :3037179-1

Page 1 of 2

Sample Number : 2473600-1 to 7
Parameter : Wind Speed / Wind Direction
Location : โรงสีปูนขาว (GPS 47P 0720136, 1616520)
Sampling Date : Aug 06 - Aug 13, 2024
Sampling by : Teeravut Sukdee

Time	Aug 06 - Aug 07, 2024		Aug 07 - Aug 08, 2024		Aug 08 - Aug 09, 2024		Aug 09 - Aug 10, 2024		Aug 10 - Aug 11, 2024		Aug 11 - Aug 12, 2024		Aug 12 - Aug 13, 2024	
	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	0.8	158.0	SSE	1.9	183.0	S	0.1	-	1.4	232.0	SW	2.0	164.0	SSE
11:00 AM - 12:00 PM	1.3	206.0	SSW	0.5	189.0	S	0.6	234.0	SW	1.4	209.0	SSW	1.7	213.0
12:00 PM - 01:00 PM	1.4	318.0	NW	0.2	-	-	2.0	210.0	SSW	0.4	193.0	SSW	2.1	213.0
01:00 PM - 02:00 PM	2.1	264.0	W	0.5	184.0	S	0.0	-	1.1	209.0	SSW	1.0	253.0	WSW
02:00 PM - 03:00 PM	1.2	198.0	SSW	1.0	181.0	S	0.0	-	1.0	202.0	SSW	3.0	196.0	SSW
03:00 PM - 04:00 PM	0.3	323.0	NW	0.8	145.0	SE	0.0	-	0.2	-	-	1.2	138.0	SE
04:00 PM - 05:00 PM	0.9	221.0	SW	0.2	-	-	0.0	-	0.3	135.0	SE	0.0	-	-
05:00 PM - 06:00 PM	0.5	183.0	S	0.0	-	-	0.0	-	1.0	202.0	SSW	0.0	-	-
06:00 PM - 07:00 PM	0.0	-	-	0.0	-	-	0.0	-	0.0	-	-	0.0	-	-
07:00 PM - 08:00 PM	0.0	-	-	1.3	206.0	SSW	0.0	-	0.0	-	-	0.0	-	-
08:00 PM - 09:00 PM	0.0	-	-	0.0	-	-	0.0	-	0.0	-	-	0.0	-	-
09:00 PM - 10:00 PM	0.0	-	-	0.0	-	-	0.0	-	0.0	-	-	0.1	-	-
10:00 PM - 11:00 PM	1.0	213.0	SSW	0.0	-	-	0.0	-	2.0	152.0	SSE	0.0	-	-
11:00 PM - 12:00 AM	0.0	-	-	0.0	-	-	0.0	-	0.3	72.0	ENE	0.0	-	-
12:00 AM - 01:00 AM	0.0	-	-	0.0	-	-	0.0	-	0.0	-	-	0.0	-	-
01:00 AM - 02:00 AM	1.0	165.0	SSE	0.0	-	-	0.0	-	0.0	-	-	1.0	118.0	ESE
02:00 AM - 03:00 AM	0.0	-	-	0.0	-	-	0.0	-	0.2	-	-	0.5	191.0	S
03:00 AM - 04:00 AM	0.0	-	-	0.0	-	-	0.0	-	0.0	-	-	0.0	-	-
04:00 AM - 05:00 AM	0.0	-	-	0.0	-	-	0.0	-	0.0	-	-	0.0	-	-
05:00 AM - 06:00 AM	0.0	-	-	0.0	-	-	0.0	-	0.0	-	-	0.0	-	-
06:00 AM - 07:00 AM	0.0	-	-	0.0	-	-	0.0	-	0.2	-	-	0.0	-	-
07:00 AM - 08:00 AM	0.4	146.0	SE	0.1	-	-	0.0	-	1.1	209.0	SSW	0.0	-	-
08:00 AM - 09:00 AM	0.6	197.0	SSW	0.3	207.0	SSW	0.9	178.0	S	2.1	193.0	SSW	0.9	159.0
09:00 AM - 10:00 AM	1.9	237.0	WSW	0.5	204.0	SSW	0.3	114.0	ESE	0.4	281.0	W	2.3	183.0

Reference Method : Cup Anemometer & Anodized Aluminium Vane Method

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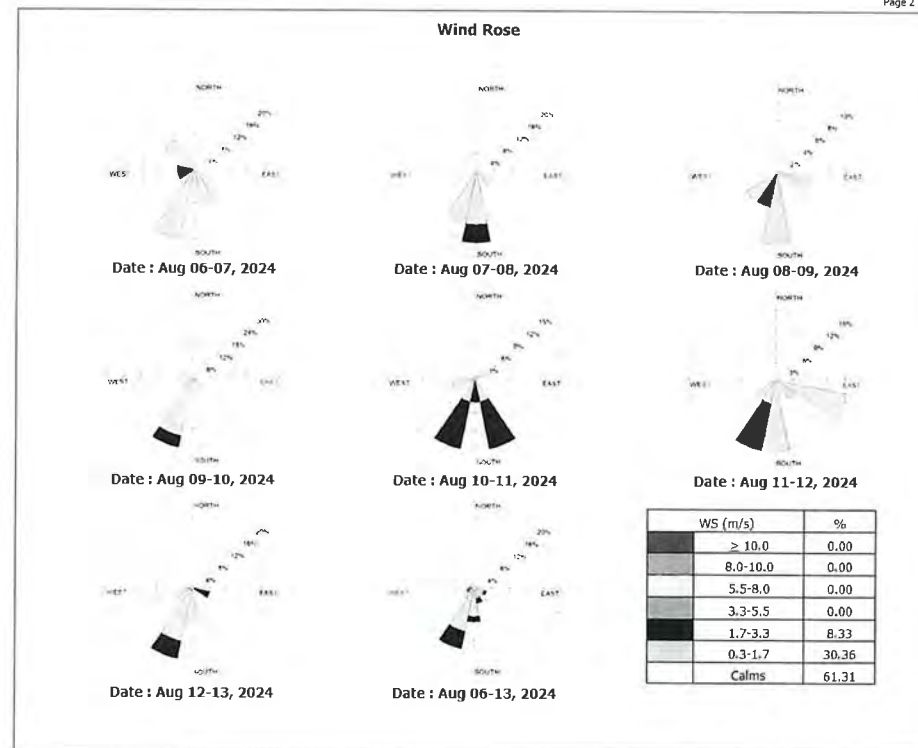
Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2473600
Date Received :Aug 16, 2024
Date Reported :Aug 21, 2024
Report Number :3037179-1

Page 2 of 2



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Analysis / Test Report



TESTING
No.0009

Lot ID: 2473656

Date Received : Sep 04, 2024
Date Reported : Sep 10, 2024
Report Number: 3037432-1

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi,
Saraburi Thailand 18260

P/O :

Project Name : Saraburi Factory Plant

Project Location :

Page 1 of 1

Sample Description		Air Quality			
Location		วัดลาดกกลาง (วัดหนองผักเ็น) (GPS 47P 0720392, 1613911)			
Date Analysis Commenced		Sep 05, 2024			
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)
2473656-1	Aug 23 - Aug 24, 2024	0.027	0.019	753	33
2473656-2	Aug 24 - Aug 25, 2024	0.071	0.038	753	34
2473656-3	Aug 25 - Aug 26, 2024	0.023	0.015	753	34
2473656-4	Aug 26 - Aug 27, 2024	0.024	0.016	753	35
2473656-5	Aug 27 - Aug 28, 2024	0.028	0.020	753	34
2473656-6	Aug 28 - Aug 29, 2024	0.024	0.016	753	34
2473656-7	Aug 29 - Aug 30, 2024	0.021	0.014	753	34
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 Environment Board, No.24, 2004 (B.E.2547) dated September 22, 2004

Sampled By : Prommee Sripatnet

Remark :

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

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S:\Reports\Air Ambient\7Days rpt (12 14PM)



Analysis / Test Report

Client : Siam City Cement Public Company Limited

99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :

Project Name : Saraburi Factory Plant

Project Location :

Lot ID: 2473621

Date Received : Sep 04, 2024

Date Reported : Sep 09, 2024

Report Number: 3037340-1

Page 1 of 1

Sample Description	Air Quality						
	วัดลาดกกลาง (วัดหนองผักเ็น) (GPS 47P 0720392, 1613911)						
Location	วัดลาดกกลาง (วัดหนองผักเ็น) (GPS 47P 0720392, 1613911)						
	Nitrogen dioxide (ppm)						
Measurement Date	Aug 23, 2024 - Aug 30, 2024						
	Prommee Sripatnet						
Measurement by	2473621-1	2473621-2	2473621-3	2473621-4	2473621-5	2473621-6	2473621-7
	Aug 23, 2024	Aug 24, 2024	Aug 25, 2024	Aug 26, 2024	Aug 27, 2024	Aug 28, 2024	Aug 29, 2024
Time	12:00 PM - 01:00 PM	01:00 PM - 02:00 PM	02:00 PM - 03:00 PM	03:00 PM - 04:00 PM	04:00 PM - 05:00 PM	05:00 PM - 06:00 PM	06:00 PM - 07:00 PM
	0.007	0.016	0.008	0.005	0.005	0.006	0.008
	0.006	0.005	0.006	0.001	0.006	0.007	0.004
	0.006	0.004	0.003	0.003	0.009	0.007	0.003
	0.003	0.004	0.004	0.003	0.005	0.004	0.003
	0.002	0.004	0.004	0.005	0.007	0.003	0.003
	0.003	0.004	0.008	0.005	0.006	0.005	0.003
	0.004	0.006	0.015	0.004	0.007	0.004	0.004
	0.003	0.010	0.012	0.006	0.011	0.007	0.003
	0.004	0.009	0.012	0.008	0.013	0.011	0.004
	0.007	0.012	0.012	0.014	0.012	0.013	0.008
	0.010	0.010	0.015	0.017	0.013	0.009	0.008
	0.012	0.010	0.011	0.017	0.013	0.009	0.010
	0.013	0.013	0.013	0.012	0.014	0.009	0.014
	0.012	0.015	0.011	0.010	0.012	0.010	0.015
	0.008	0.014	0.008	0.008	0.012	0.012	0.008
	0.006	0.007	0.007	0.007	0.012	0.016	0.002
	0.005	0.005	0.008	0.009	0.010	0.016	0.003
	0.007	0.005	0.005	0.008	0.011	0.017	0.004
	0.006	0.005	0.006	0.008	0.006	0.016	0.006
	0.007	0.013	0.007	0.007	0.006	0.014	0.012
	0.007	0.008	0.009	0.002	0.007	0.013	0.016
	0.006	0.013	0.015	0.004	0.008	0.013	0.012
	0.006	0.011	0.011	0.004	0.011	0.013	0.006
	0.004	0.008	0.008	0.003	0.014	0.006	0.004
Average	0.006	0.009	0.009	0.007	0.010	0.010	0.007
1hr - Maximum	0.013	0.016	0.015	0.017	0.015	0.017	0.016
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)

Approved by

Scientist (4)

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S:\Reports\Air SOxNOx rpt (9 18AM)



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :

Project Name : Saraburi Factory Plant

Project Location :

Lot ID: 2473642

Date Received : Sep 04, 2024

Date Reported : Sep 09, 2024

Report Number: 3037407-1

Page 1 of 1

Sample Description Air Quality
Location วัดอากาศ (วัดหนองผักนาค) (GPS 47P 0720392, 1613911)
Parameter Sulfur Dioxide (ppm)
Measurement Date Aug 23, 2024 - Aug 30, 2024
Measurement by Prommee Sripatnet

Time	2473642-1	2473642-2	2473642-3	2473642-4	2473642-5	2473642-6	2473642-7
	Aug 23, 2024	Aug 24, 2024	Aug 25, 2024	Aug 26, 2024	Aug 27, 2024	Aug 28, 2024	Aug 29, 2024
12:00 PM - 01:00 PM	0.002	0.002	0.003	0.002	0.002	0.002	0.002
01:00 PM - 02:00 PM	0.002	0.002	0.002	0.002	0.002	0.002	0.002
02:00 PM - 03:00 PM	0.002	0.002	0.003	0.002	0.002	0.002	0.002
03:00 PM - 04:00 PM	0.002	0.002	0.003	0.002	0.002	0.002	0.002
04:00 PM - 05:00 PM	0.002	0.002	0.002	0.002	0.002	0.002	0.002
05:00 PM - 06:00 PM	0.002	0.002	0.002	0.002	0.002	0.002	0.002
06:00 PM - 07:00 PM	0.002	0.002	0.002	0.002	0.002	0.002	0.002
07:00 PM - 08:00 PM	0.002	0.002	0.002	0.002	0.002	0.002	0.002
08:00 PM - 09:00 PM	0.002	0.002	0.002	0.002	0.002	0.002	0.002
09:00 PM - 10:00 PM	0.002	0.002	0.002	0.002	0.002	0.002	0.002
10:00 PM - 11:00 PM	0.002	0.002	0.002	0.002	0.002	0.002	0.002
11:00 PM - 12:00 AM	0.002	0.002	0.002	0.002	0.002	0.002	0.002
12:00 AM - 01:00 AM	0.001	0.002	0.002	0.002	0.002	0.002	0.002
01:00 AM - 02:00 AM	0.001	0.002	0.002	0.002	0.002	0.002	0.002
02:00 AM - 03:00 AM	0.001	0.002	0.002	0.002	0.002	0.002	0.002
03:00 AM - 04:00 AM	0.001	0.002	0.002	0.002	0.002	0.002	0.002
04:00 AM - 05:00 AM	0.001	0.002	0.002	0.002	0.002	0.002	0.002
05:00 AM - 06:00 AM	0.001	0.002	0.002	0.002	0.002	0.002	0.002
06:00 AM - 07:00 AM	0.002	0.002	0.002	0.002	0.002	0.002	0.002
07:00 AM - 08:00 AM	0.002	0.002	0.002	0.002	0.002	0.002	0.002
08:00 AM - 09:00 AM	0.002	0.002	0.002	0.002	0.002	0.002	0.002
09:00 AM - 10:00 AM	0.002	0.003	0.002	0.002	0.002	0.002	0.002
10:00 AM - 11:00 AM	0.002	0.002	0.002	0.002	0.002	0.002	0.002
11:00 AM - 12:00 PM	0.002	0.002	0.002	0.002	0.002	0.001	0.002
Average	0.002	0.002	0.002	0.002	0.002	0.002	0.002
1hr - Maximum	0.002	0.003	0.003	0.002	0.002	0.002	0.002
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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Saranyai Chaimethantrong
Scientist (4)

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S:\Reports_Air SOxNOx.rpt (9:43AM)



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :

Project Name : Saraburi Factory Plant

Project Location :

Lot ID: 2473601

Date Received : Sep 04, 2024

Date Reported : Sep 11, 2024

Report Number : 3037181-1

Page 1 of 2

Sample Number 2473601-1 to 7
Parameter Wind Speed / Wind Direction
Location วัดอากาศ (วัดหนองผักนาค) (GPS 47P 0720392, 1613911)
Sampling Date Aug 23 - Aug 30, 2024
Sampling by Prommee Sripatnet

Time	Aug 23 - Aug 24, 2024			Aug 24 - Aug 25, 2024			Aug 25 - Aug 26, 2024			Aug 26 - Aug 27, 2024			Aug 27 - Aug 28, 2024			Aug 28 - Aug 29, 2024			Aug 29 - Aug 30, 2024		
	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	0.5	13.7	NNE	1.7	297.0	WNW	0.4	247.0	WSW	0.7	247.0	WSW	0.2	-	-	1.4	285.0	WNW	0.2	-	-
01:00 PM - 02:00 PM	1.4	13.7	NNE	0.5	197.0	SSW	0.0	-	-	0.0	-	-	0.4	207.0	SSW	0.4	228.0	SW	0.0	-	-
02:00 PM - 03:00 PM	0.3	13.7	NNE	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	1.3	162.0	SSE
03:00 PM - 04:00 PM	0.4	13.7	NNE	1.2	187.0	S	0.0	-	-	0.0	-	-	0.6	196.0	SSW	0.0	-	-	0.0	-	-
04:00 PM - 05:00 PM	0.0	-	-	0.4	141.0	SE	0.2	-	-	0.6	207.0	SSW	0.0	-	-	0.0	-	-	0.0	-	-
05:00 PM - 06:00 PM	0.4	13.7	NNE	0.2	-	-	0.8	189.0	S	0.0	-	-	0.5	208.0	SSW	0.0	-	-	0.0	-	-
06:00 PM - 07:00 PM	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.2	-	-	0.0	-	-
07:00 PM - 08:00 PM	0.7	13.7	NNE	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.4	181.0	S
08:00 PM - 09:00 PM	0.0	-	-	0.8	170.0	S	1.5	337.0	NNW	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-
09:00 PM - 10:00 PM	0.0	-	-	0.0	-	-	3.4	219.0	SW	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-
10:00 PM - 11:00 PM	0.0	-	-	0.0	-	-	0.0	-	-	0.2	-	-	0.0	-	-	0.6	0.0	N	0.0	-	-
11:00 PM - 12:00 AM	0.0	-	-	0.2	-	-	0.0	-	-	0.4	184.0	S	0.0	-	-	1.2	175.0	S	0.0	-	-
12:00 AM - 01:00 AM	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.4	343.0	NNW	0.0	-	-	0.0	-	-
01:00 AM - 02:00 AM	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-
02:00 AM - 03:00 AM	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-
03:00 AM - 04:00 AM	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-
04:00 AM - 05:00 AM	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-
05:00 AM - 06:00 AM	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-
06:00 AM - 07:00 AM	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-
07:00 AM - 08:00 AM	0.0	-	-	0.6	315.0	NW	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-
08:00 AM - 09:00 AM	1.4	177.0	S	1.4	221.0	SW	0.0	-	-	0.0	-	-	0.0	-	-	1.7	255.0	WSW	1.8	209.0	SSW
09:00 AM - 10:00 AM	2.2	210.0	SSW	0.2	-	-	2.5	215.0	SW	0.8	211.0	SSW	0.0	-	-	0.0	-	-	0.6	280.0	W
10:00 AM - 11:00 AM	1.6	142.0	SE	0.8	178.0	S	0.2	-	-	1.2	144.0	SE	0.0	-	-	0.0	-	-	0.0	-	-
11:00 AM - 12:00 PM	0.8	152.0	SSE	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.7	288.0	WNW	1.4	195.0	SSW

Reference Method : Cup Anemometer & Anodized Aluminium Vane Method

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhol, Saraburi
Thailand 18260

P/O :

Project Name : Saraburi Factory Plant

Project Location :

Lot ID: 2473601

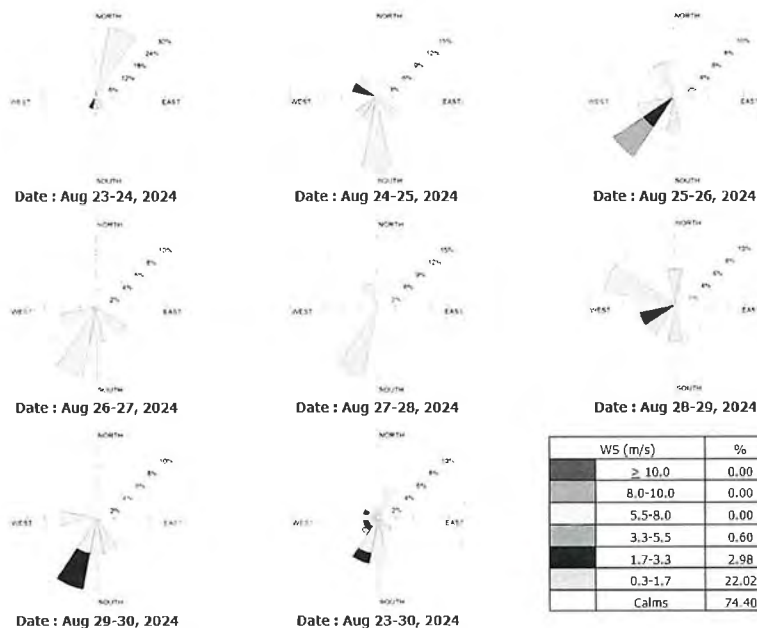
Date Received : Sep 04, 2024

Date Reported : Sep 11, 2024

Report Number :3037181-1

Page 2 of 2

Wind Rose



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Assistant General Manager

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhol,
Saraburi Thailand 18260

P/O :

Project Name : Saraburi Factory Plant

Project Location :



TESTING
No.0009

Lot ID: 2473657

Date Received : Aug 16, 2024

Date Reported : Aug 24, 2024

Report Number: 3037434-1

Page 1 of 1

Sample Description	Air Quality				
Location	วัดพันกร่าง (GPS 47P 0721959, 1616035)				
Date Analysis Commenced	Aug 20, 2024				
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)
2473657-1	Aug 06 - Aug 07, 2024	0.058	0.032	753	34
2473657-2	Aug 07 - Aug 08, 2024	0.044	0.026	753	33
2473657-3	Aug 08 - Aug 09, 2024	0.052	0.033	753	35
2473657-4	Aug 09 - Aug 10, 2024	0.061	0.036	753	34
2473657-5	Aug 10 - Aug 11, 2024	0.052	0.028	753	34
2473657-6	Aug 11 - Aug 12, 2024	0.048	0.027	753	34
2473657-7	Aug 12 - Aug 13, 2024	0.040	0.024	753	33
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 : Teeravut Sukdee

Remark :

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

Approved by

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S:\Reports\Air Ambient\Days rpt (8 42AM)



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2473622
Date Received : Aug 16, 2024
Date Reported : Aug 21, 2024
Report Number: 3037367-1

Page 1 of 1

Sample Description	Air Quality						
Location	วัดพันนา (GPS 47P 0721959, 1616035)						
Parameter	Nitrogen dioxide (ppm)						
Measurement Date	Aug 06, 2024 - Aug 13, 2024						
Measurement by	Teeravut Sukdee						
Time	2473622-1 Aug 06, 2024	2473622-2 Aug 07, 2024	2473622-3 Aug 08, 2024	2473622-4 Aug 09, 2024	2473622-5 Aug 10, 2024	2473622-6 Aug 11, 2024	2473622-7 Aug 12, 2024
11:00 AM - 12:00 PM	0.004	0.006	0.003	0.005	0.006	0.005	0.006
12:00 PM - 01:00 PM	0.004	0.005	0.005	0.007	0.005	0.005	0.008
01:00 PM - 02:00 PM	0.006	0.006	0.009	0.010	0.004	0.005	0.008
02:00 PM - 03:00 PM	0.010	0.008	0.017	0.020	0.008	0.007	0.008
03:00 PM - 04:00 PM	0.012	0.012	0.015	0.015	0.022	0.008	0.012
04:00 PM - 05:00 PM	0.021	0.018	0.006	0.019	0.021	0.008	0.018
05:00 PM - 06:00 PM	0.029	0.027	0.006	0.044	0.024	0.023	0.022
06:00 PM - 07:00 PM	0.029	0.017	0.011	0.031	0.024	0.022	0.011
07:00 PM - 08:00 PM	0.025	0.004	0.018	0.024	0.026	0.013	0.009
08:00 PM - 09:00 PM	0.021	0.014	0.020	0.020	0.022	0.008	0.008
09:00 PM - 10:00 PM	0.012	0.015	0.018	0.016	0.009	0.014	0.008
10:00 PM - 11:00 PM	0.010	0.012	0.014	0.016	0.010	0.011	0.007
11:00 PM - 12:00 AM	0.010	0.010	0.012	0.015	0.012	0.006	0.006
12:00 AM - 01:00 AM	0.008	0.008	0.008	0.015	0.010	0.006	0.005
01:00 AM - 02:00 AM	0.008	0.007	0.010	0.014	0.007	0.006	0.005
02:00 AM - 03:00 AM	0.008	0.006	0.013	0.010	0.006	0.006	0.004
03:00 AM - 04:00 AM	0.007	0.005	0.010	0.010	0.006	0.003	0.003
04:00 AM - 05:00 AM	0.006	0.004	0.010	0.010	0.006	0.003	0.003
05:00 AM - 06:00 AM	0.006	0.005	0.010	0.009	0.005	0.005	0.004
06:00 AM - 07:00 AM	0.006	0.005	0.007	0.007	0.004	0.005	0.005
07:00 AM - 08:00 AM	0.003	0.004	0.006	0.006	0.004	0.004	0.004
08:00 AM - 09:00 AM	0.004	0.004	0.005	0.005	0.004	0.004	0.004
09:00 AM - 10:00 AM	0.004	0.004	0.005	0.005	0.004	0.005	0.003
10:00 AM - 11:00 AM	0.005	0.003	0.005	0.005	0.006	0.006	0.004
Average	0.011	0.009	0.010	0.014	0.011	0.008	0.007
1hr - Maximum	0.029	0.027	0.020	0.044	0.026	0.023	0.022
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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Crawan Karkyong
Scientist (3)

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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S:\Reports_Air_SoXNOx.rpt (9:34AM)



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2473643
Date Received : Aug 16, 2024
Date Reported : Aug 21, 2024
Report Number: 3037409-1

Page 1 of 1

Sample Description	Air Quality						
Location	วัดพันนา (GPS 47P 0721959, 1616035)						
Parameter	Sulfur Dioxide (ppm)						
Measurement Date	Aug 06, 2024 - Aug 13, 2024						
Measurement by	Teeravut Sukdee						
Time	2473643-1 Aug 06, 2024	2473643-2 Aug 07, 2024	2473643-3 Aug 08, 2024	2473643-4 Aug 09, 2024	2473643-5 Aug 10, 2024	2473643-6 Aug 11, 2024	2473643-7 Aug 12, 2024
11:00 AM - 12:00 PM	0.001	0.001	0.001	0.001	0.001	0.001	0.001
12:00 PM - 01:00 PM	0.001	0.001	0.002	0.001	0.001	0.002	0.001
01:00 PM - 02:00 PM	0.001	0.001	0.001	0.001	0.001	0.002	0.001
02:00 PM - 03:00 PM	0.001	0.001	0.001	0.001	0.002	0.001	0.001
03:00 PM - 04:00 PM	0.002	0.001	0.001	0.001	0.001	0.002	0.001
04:00 PM - 05:00 PM	0.002	0.001	<0.001	0.001	0.001	0.002	0.001
05:00 PM - 06:00 PM	0.002	0.001	<0.001	0.001	0.001	0.001	0.001
06:00 PM - 07:00 PM	0.001	0.001	<0.001	0.001	0.001	0.001	0.001
07:00 PM - 08:00 PM	0.001	0.001	<0.001	0.001	0.001	0.001	0.001
08:00 PM - 09:00 PM	0.001	0.001	<0.001	0.001	0.001	0.001	0.001
09:00 PM - 10:00 PM	0.001	0.001	0.002	0.001	0.001	0.001	0.001
10:00 PM - 11:00 PM	0.001	0.001	0.001	0.001	0.001	0.001	0.001
11:00 PM - 12:00 AM	0.001	0.001	0.001	0.001	0.002	0.001	0.001
12:00 AM - 01:00 AM	0.001	0.001	0.002	0.001	0.001	0.001	0.001
01:00 AM - 02:00 AM	0.001	0.002	0.002	0.001	0.002	0.001	0.001
02:00 AM - 03:00 AM	0.001	0.002	0.002	0.002	0.002	0.001	0.001
03:00 AM - 04:00 AM	0.001	0.002	0.002	0.001	0.001	0.001	0.001
04:00 AM - 05:00 AM	0.001	0.002	0.002	0.001	0.001	0.001	0.002
05:00 AM - 06:00 AM	0.001	0.002	0.002	0.001	0.002	0.001	0.001
06:00 AM - 07:00 AM	0.001	0.002	0.002	0.001	0.002	0.001	<0.001
07:00 AM - 08:00 AM	0.001	0.002	0.002	0.001	0.002	0.001	<0.001
08:00 AM - 09:00 AM	0.001	0.002	0.002	0.002	0.001	0.001	<0.001
09:00 AM - 10:00 AM	0.001	0.001	0.002	0.002	0.001	0.001	<0.001
10:00 AM - 11:00 AM	0.001	0.001	0.002	0.001	0.001	0.001	<0.001
Average	0.001	0.001	0.001	0.001	0.001	0.001	0.001
1hr - Maximum	0.002	0.002	0.002	0.002	0.002	0.002	0.002
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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Scientist (3)

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S:\Reports_Air_SoXNOx.rpt (9:38AM)



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2473602
Date Received : Aug 16, 2024
Date Reported : Aug 21, 2024
Report Number :3037235-1

Page 1 of 2

Sample Number : 2473602-1 to 7
Parameter : Wind Speed / Wind Direction
Location : รังสิตเจริญ (GPS 47P 0721959, 1616035)
Sampling Date : Aug 06 - Aug 13, 2024
Sampling by : Teeravut Sukdee

Time	Aug 06 - Aug 07, 2024			Aug 07 - Aug 08, 2024			Aug 08 - Aug 09, 2024			Aug 09 - Aug 10, 2024			Aug 10 - Aug 11, 2024			Aug 11 - Aug 12, 2024			Aug 12 - Aug 13, 2024		
	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	0.4	209.0	SSW	2.3	202.0	SSW	1.7	198.0	SSW	0.3	228.0	SW	0.0	-	-	1.3	230.0	SW	1.9	261.0	W
12:00 PM - 01:00 PM	1.4	171.0	S	0.0	-	-	0.8	274.0	W	2.0	243.0	WSW	0.4	253.0	WSW	1.3	171.0	S	1.8	228.0	SW
01:00 PM - 02:00 PM	1.3	226.0	SW	0.0	-	-	0.4	224.0	SW	1.7	239.0	WSW	2.8	273.0	W	0.2	-	-	0.5	243.0	WSW
02:00 PM - 03:00 PM	0.5	249.0	WSW	1.9	231.0	SW	0.6	246.0	WSW	0.5	198.0	SSW	0.3	246.0	WSW	1.7	211.0	SSW	1.2	230.0	SW
03:00 PM - 04:00 PM	0.1	-	-	1.5	233.0	SW	0.2	-	-	0.0	-	-	0.0	-	-	1.5	214.0	SW	1.4	213.0	SSW
04:00 PM - 05:00 PM	3.7	228.0	SW	1.4	178.0	S	0.0	-	-	2.1	151.0	SSE	0.0	-	-	0.0	-	-	0.9	239.0	WSW
05:00 PM - 06:00 PM	1.9	190.0	S	1.9	189.0	S	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.9	182.0	S
06:00 PM - 07:00 PM	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.6	185.0	S
07:00 PM - 08:00 PM	0.0	-	-	2.5	252.0	WSW	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.6	113.0	ESE
08:00 PM - 09:00 PM	0.0	-	-	0.0	-	-	0.0	-	-	1.5	183.0	S	0.0	-	-	2.2	164.0	SSE	0.0	-	-
09:00 PM - 10:00 PM	0.0	-	-	0.0	-	-	0.0	-	-	1.5	157.0	SSE	0.0	-	-	0.3	60.0	ENE	0.8	152.0	SSE
10:00 PM - 11:00 PM	0.5	229.0	SW	0.0	-	-	0.0	-	-	0.3	261.0	W	1.8	206.0	SSW	0.0	-	-	0.0	-	-
11:00 PM - 12:00 AM	0.0	-	-	0.4	150.0	SSE	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-
12:00 AM - 01:00 AM	0.0	-	-	0.0	-	-	0.0	-	-	1.6	152.0	SSE	0.0	-	-	0.0	-	-	0.0	-	-
01:00 AM - 02:00 AM	0.3	186.0	S	0.0	-	-	0.0	-	-	1.8	181.0	S	0.0	-	-	0.0	-	-	0.0	-	-
02:00 AM - 03:00 AM	0.0	-	-	0.0	-	-	0.0	-	-	1.6	168.0	SSE	0.0	-	-	1.4	227.0	SW	0.0	-	-
03:00 AM - 04:00 AM	0.0	-	-	0.0	-	-	0.0	-	-	0.8	174.0	S	0.0	-	-	0.6	211.0	SSW	0.0	-	-
04:00 AM - 05:00 AM	0.0	-	-	0.0	-	-	0.0	-	-	0.6	165.0	SSE	0.0	-	-	0.4	182.0	S	0.0	-	-
05:00 AM - 06:00 AM	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.8	199.0	SSW	0.0	-	-
06:00 AM - 07:00 AM	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-
07:00 AM - 08:00 AM	0.0	-	-	0.0	-	-	1.4	197.0	SSW	0.9	193.0	SSW	0.6	186.0	S	1.0	165.0	SSE	1.6	203.0	SSW
08:00 AM - 09:00 AM	0.6	215.0	SW	0.2	-	-	0.8	240.0	WSW	0.5	212.0	SSW	1.9	172.0	S	1.3	189.0	S	0.5	213.0	SSW
09:00 AM - 10:00 AM	0.8	184.0	S	0.2	-	-	1.0	227.0	SW	0.9	236.0	SW	1.0	263.0	W	0.0	-	-	0.9	191.0	S
10:00 AM - 11:00 AM	0.4	241.0	WSW	0.8	263.0	W	0.7	107.0	ESE	0.5	212.0	SSW	0.4	298.0	WNW	0.0	-	-	2.8	233.0	SSW

Reference Method : Cup Anemometer & Anodized Aluminium Vane Method

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Responsible General Manager

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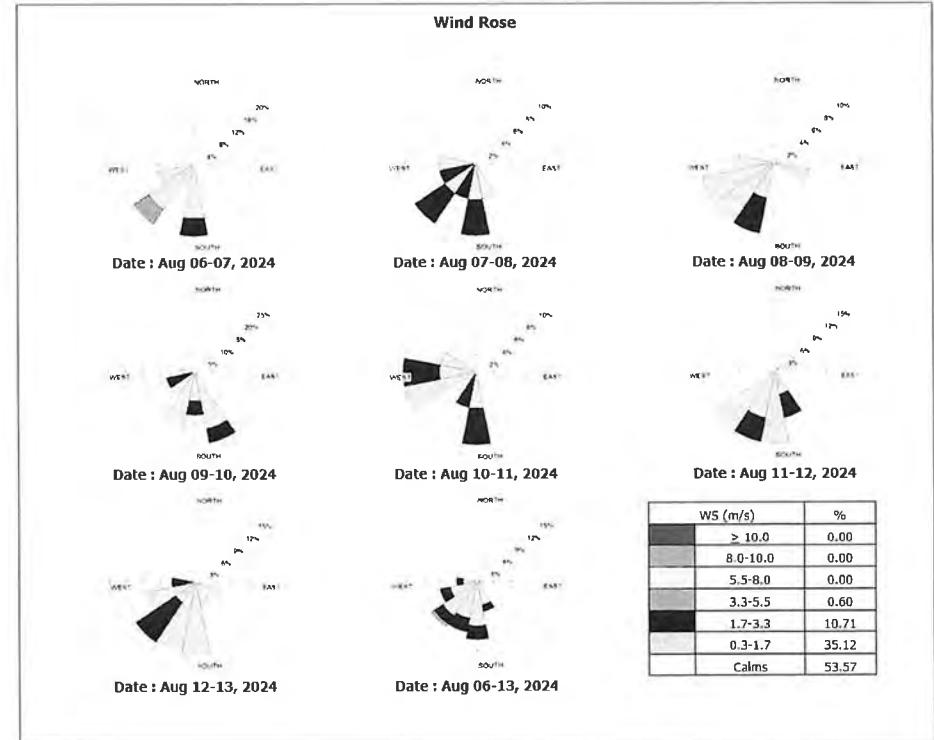
Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2473602
Date Received : Aug 16, 2024
Date Reported : Aug 21, 2024
Report Number :3037235-1

Page 2 of 2



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Analysis / Test Report



TESTING
No.0009

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi,
Saraburi Thailand 18260

P/O :

Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2473658

Date Received : Sep 04, 2024

Date Reported : Sep 10, 2024

Report Number: 3037436-1

Page 1 of 1

Sample Description Air Quality
Location สถานีรถไฟกรุงเทพ (GPS 47P 0722144, 1617155)
Date Analysis Commenced Sep 05, 2024
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/m ³)	Particulate Matter (PM-10) (mg/m ³)	Barometric Pressure (mm Hg)	Atmospheric Temperature (°C)
2473658-1	Aug 23 - Aug 24, 2024	0.058	0.027	752	28
2473658-2	Aug 24 - Aug 25, 2024	0.115	0.054	752	32
2473658-3	Aug 25 - Aug 26, 2024	0.054	0.027	752	30
2473658-4	Aug 26 - Aug 27, 2024	0.037	0.020	752	30
2473658-5	Aug 27 - Aug 28, 2024	0.045	0.021	752	30
2473658-6	Aug 28 - Aug 29, 2024	0.028	0.016	752	32
2473658-7	Aug 29 - Aug 30, 2024	0.028	0.016	752	31
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 : Prommee Sripatnet

Remark :

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

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S:\Reports_Air Ambient\7Days rpt (12.16PM)



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :

Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2473623

Date Received : Sep 04, 2024

Date Reported : Sep 09, 2024

Report Number: 3037371-1

Page 1 of 1

Sample Description Air Quality
Location สถานีรถไฟกรุงเทพ (GPS 47P 0722144, 1617155)
Parameter Nitrogen dioxide (ppm)
Measurement Date Aug 23, 2024 - Aug 30, 2024
Measurement by Prommee Sripatnet

Time	2473623-1 Aug 23, 2024	2473623-2 Aug 24, 2024	2473623-3 Aug 25, 2024	2473623-4 Aug 26, 2024	2473623-5 Aug 27, 2024	2473623-6 Aug 28, 2024	2473623-7 Aug 29, 2024
09:00 AM - 10:00 AM	0.003	0.003	0.012	0.002	0.002	0.007	0.004
10:00 AM - 11:00 AM	0.002	0.003	0.012	0.002	0.002	0.005	0.004
11:00 AM - 12:00 PM	0.002	0.003	0.012	0.002	0.002	0.009	0.003
12:00 PM - 01:00 PM	0.001	0.003	0.009	0.002	0.002	0.008	0.003
01:00 PM - 02:00 PM	0.005	0.005	0.007	0.002	0.002	0.008	0.002
02:00 PM - 03:00 PM	0.003	0.007	0.006	0.006	0.002	0.010	0.002
03:00 PM - 04:00 PM	0.005	0.006	0.020	0.008	0.001	0.006	0.002
04:00 PM - 05:00 PM	0.002	0.003	0.012	0.003	0.001	0.004	0.001
05:00 PM - 06:00 PM	0.002	0.002	0.011	0.001	0.001	0.001	0.001
06:00 PM - 07:00 PM	0.002	0.002	0.012	0.001	0.001	0.001	0.001
07:00 PM - 08:00 PM	0.002	0.002	0.010	0.002	0.002	0.001	0.002
08:00 PM - 09:00 PM	0.001	0.002	0.004	<0.001	0.001	<0.001	0.002
09:00 PM - 10:00 PM	<0.001	0.002	0.002	<0.001	0.004	<0.001	0.001
10:00 PM - 11:00 PM	0.001	0.001	0.001	<0.001	0.001	0.001	<0.001
11:00 PM - 12:00 AM	0.001	0.005	0.001	<0.001	0.002	0.002	0.001
12:00 AM - 01:00 AM	0.002	0.008	0.001	0.001	0.001	0.001	0.001
01:00 AM - 02:00 AM	0.004	0.016	0.002	<0.001	0.001	0.002	0.001
02:00 AM - 03:00 AM	0.006	0.024	0.002	0.003	0.002	0.001	0.002
03:00 AM - 04:00 AM	0.005	0.016	0.003	0.004	0.004	0.003	0.001
04:00 AM - 05:00 AM	0.010	0.003	0.005	0.003	0.002	0.002	<0.001
05:00 AM - 06:00 AM	0.006	0.003	0.006	0.007	0.003	0.004	<0.001
06:00 AM - 07:00 AM	0.003	0.004	0.002	0.005	0.003	0.004	0.001
07:00 AM - 08:00 AM	0.007	0.004	0.003	0.003	0.002	0.005	0.004
08:00 AM - 09:00 AM	0.008	0.008	0.002	0.002	0.006	0.004	0.003
Average	0.003	0.005	0.007	0.003	0.002	0.004	0.002
1hr - Maximum	0.010	0.024	0.020	0.008	0.006	0.010	0.004
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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Scientist (4)

S:\Reports_Air SOxNOx rpt (4 03PM)



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh, Saraburi
Thailand 18260

P/O :

Project Name : Saraburi Factory Plant

Project Location :

Lot ID: 2473644

Date Received : Sep 04, 2024

Date Reported : Sep 09, 2024

Report Number: 3037411-1

Page 1 of 1

Sample Description Air Quality

Location สถานีบำรุงพันธุ์สัตว์ (GPS 47P 0722144, 1617155)

Parameter Sulfur Dioxide (ppm)

Measurement Date Aug 23, 2024 - Aug 30, 2024

Measurement by Prommee Sripatnet

Time	2473644-1 Aug 23, 2024	2473644-2 Aug 24, 2024	2473644-3 Aug 25, 2024	2473644-4 Aug 26, 2024	2473644-5 Aug 27, 2024	2473644-6 Aug 28, 2024	2473644-7 Aug 29, 2024
09:00 AM - 10:00 AM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
10:00 AM - 11:00 AM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
11:00 AM - 12:00 PM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
12:00 PM - 01:00 PM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
01:00 PM - 02:00 PM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
02:00 PM - 03:00 PM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
03:00 PM - 04:00 PM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
04:00 PM - 05:00 PM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
05:00 PM - 06:00 PM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
06:00 PM - 07:00 PM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
07:00 PM - 08:00 PM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
08:00 PM - 09:00 PM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
09:00 PM - 10:00 PM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
10:00 PM - 11:00 PM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
11:00 PM - 12:00 AM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
12:00 AM - 01:00 AM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
01:00 AM - 02:00 AM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
02:00 AM - 03:00 AM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
03:00 AM - 04:00 AM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
04:00 AM - 05:00 AM	<0.001	<0.001	<0.001	<0.001	<0.001	<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	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
08:00 AM - 09:00 AM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Average	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1hr - Maximum	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.001
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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Saranya Chalermthamrong
Scientist (4)

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S\Reports_Air SOxNOx.rpt (9.45AM)



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh, Saraburi
Thailand 18260

P/O :

Project Name : Saraburi Factory Plant

Project Location :

Lot ID: 2473603

Date Received : Sep 04, 2024

Date Reported : Sep 11, 2024

Report Number :3037238-1

Page 1 of 2

Sample Number 2473603-1 to 7

Parameter Wind Speed / Wind Direction

Location สถานีบำรุงพันธุ์สัตว์ (GPS 47P 0722144, 1617155)

Sampling Date Aug 23 - Aug 30, 2024

Sampling by Prommee Sripatnet

Time	Aug 23 - Aug 24, 2024		Aug 24 - Aug 25, 2024		Aug 25 - Aug 26, 2024		Aug 26 - Aug 27, 2024		Aug 27 - Aug 28, 2024		Aug 28 - Aug 29, 2024		Aug 29 - Aug 30, 2024	
	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)
09:00 AM - 10:00 AM	2.3	172.0	S	2.6	220.0	SW	0.4	231.0	SW	0.8	281.0	W	0.8	209.0
10:00 AM - 11:00 AM	0.6	244.0	WSW	0.3	175.0	S	0.3	262.0	W	2.0	266.0	W	3.1	129.0
11:00 AM - 12:00 PM	0.0	-	-	0.0	-	-	1.2	204.0	SSW	0.0	-	-	1.6	189.0
12:00 PM - 01:00 PM	0.3	140.0	SE	0.0	-	-	0.6	118.0	ESE	1.5	177.0	S	1.3	129.0
01:00 PM - 02:00 PM	1.2	187.0	S	0.0	-	-	0.0	-	-	1.8	196.0	SSW	2.5	192.0
02:00 PM - 03:00 PM	0.4	104.0	ESE	1.4	234.0	SW	0.0	-	-	0.5	151.0	SSE	1.3	183.0
03:00 PM - 04:00 PM	1.6	182.0	S	0.6	260.0	W	1.5	186.0	S	1.3	160.0	SSE	1.9	182.0
04:00 PM - 05:00 PM	1.8	64.0	ENE	0.8	65.0	ENE	0.1	-	-	0.0	-	-	2.1	125.0
05:00 PM - 06:00 PM	0.4	34.0	NE	2.3	2.0	N	0.0	-	-	0.8	145.0	SE	1.0	97.0
06:00 PM - 07:00 PM	0.0	-	-	1.5	317.0	NW	0.0	-	-	1.6	57.0	ENE	0.9	67.0
07:00 PM - 08:00 PM	0.0	-	-	0.2	-	-	0.0	-	-	0.0	-	-	0.0	-
08:00 PM - 09:00 PM	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-
09:00 PM - 10:00 PM	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-
10:00 PM - 11:00 PM	0.0	-	-	0.0	-	-	1.1	91.0	E	0.0	-	-	0.0	-
11:00 PM - 12:00 AM	0.0	-	-	0.0	-	-	0.0	-	-	0.4	174.0	S	2.4	88.0
12:00 AM - 01:00 AM	0.0	-	-	0.0	-	-	0.4	219.0	SW	3.0	330.0	NNW	0.2	-
01:00 AM - 02:00 AM	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.6	94.0
02:00 AM - 03:00 AM	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-
03:00 AM - 04:00 AM	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-
04:00 AM - 05:00 AM	1.2	38.0	NE	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-
05:00 AM - 06:00 AM	0.6	59.0	ENE	0.6	279.0	W	0.6	168.0	SSE	0.0	-	-	0.0	-
06:00 AM - 07:00 AM	0.8	75.0	ENE	0.3	37.0	NE	0.4	222.0	SW	0.0	-	-	0.2	-
07:00 AM - 08:00 AM	2.4	354.0	N	1.4	200.0	SSW	1.2	137.0	SE	1.3	137.0	SE	0.4	165.0
08:00 AM - 09:00 AM	0.2	-	-	0.0	-	-	1.1	197.0	SSW	2.7	177.0	S	0.6	190.0

Reference Method : Cup Anemometer & Anodized Aluminium Vane Method

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Analysis / Test Report

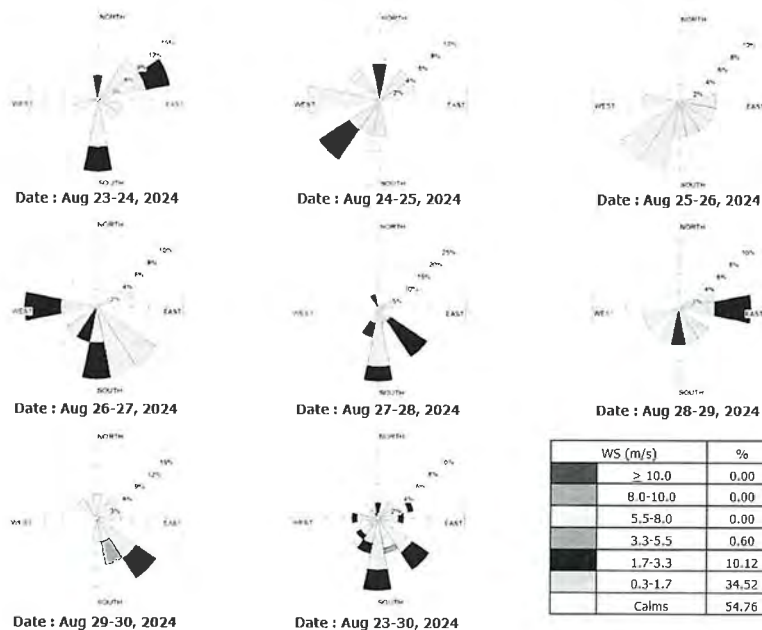
Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2473603
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report Number : 3037238-1

Page 2 of 2

Wind Rose



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Assistant General Manager

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh,
Saraburi Thailand 18260

P/O : 4100119854
Project Name : Saraburi Factory Plant
Project Location :



TESTING
No.0009

Lot ID: 2473659
Date Received : Oct 29, 2024
Date Reported : Nov 05, 2024
Report Number: 3037446-1

Page 1 of 1

Sample Description Air Quality
Location สถานีไฟฟ้าแรงสูง (สระบุรี) (GPS 47P 0724357, 1616658)
Date Analysis Commenced Oct 30, 2024
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)
2473659-1	Oct 18 - Oct 19, 2024	0.068	0.031	750	29
2473659-2	Oct 19 - Oct 20, 2024	0.062	0.030	750	26
2473659-3	Oct 20 - Oct 21, 2024	0.065	0.034	750	25
2473659-4	Oct 21 - Oct 22, 2024	0.107	0.049	750	32
2473659-5	Oct 22 - Oct 23, 2024	0.076	0.038	750	33
2473659-6	Oct 23 - Oct 24, 2024	0.105	0.046	750	33
2473659-7	Oct 24 - Oct 25, 2024	0.208	0.071	750	33
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 : Prommee Sripatnet

Remark :

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

Approved by

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S:\Reports_Air Ambient\Days rpt (4 18PM)



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260
P/O : 4100119854
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2473624
Date Received : Oct 29, 2024
Date Reported : Nov 01, 2024
Report Number: 3037374-1

Page 1 of 1

Sample Description	Air Quality						
Location	สถานีไฟฟ้าแรงสูง (สระบุรี) (GPS 47P 0724357, 1616658)						
Parameter	Nitrogen dioxide (ppm)						
Measurement Date	Oct 18, 2024 - Oct 25, 2024						
Measurement by	Prommee Sripatnet						
	2473624-1	2473624-2	2473624-3	2473624-4	2473624-5	2473624-6	2473624-7
Time	Oct 18, 2024	Oct 19, 2024	Oct 20, 2024	Oct 21, 2024	Oct 22, 2024	Oct 23, 2024	Oct 24, 2024
03:00 PM - 04:00 PM	0.0080	0.0097	0.0055	0.0023	0.0083	0.0039	0.0148
04:00 PM - 05:00 PM	0.0038	0.0090	0.0106	0.0054	0.0122	0.0151	0.0135
05:00 PM - 06:00 PM	0.0020	0.0080	0.0118	0.0084	0.0096	0.0097	0.0141
06:00 PM - 07:00 PM	0.0032	0.0085	0.0101	0.0085	0.0025	0.0118	0.0135
07:00 PM - 08:00 PM	0.0104	0.0084	0.0090	0.0080	0.0124	0.0088	0.0111
08:00 PM - 09:00 PM	0.0078	0.0027	0.0087	0.0080	0.0116	0.0105	0.0143
09:00 PM - 10:00 PM	0.0056	0.0073	0.0091	0.0080	0.0108	0.0095	0.0124
10:00 PM - 11:00 PM	0.0050	0.0069	0.0083	0.0062	0.0114	0.0126	0.0104
11:00 PM - 12:00 AM	0.0053	0.0054	0.0041	0.0065	0.0094	0.0118	0.0119
12:00 AM - 01:00 AM	0.0046	0.0043	0.0036	0.0092	0.0030	0.0106	0.0121
01:00 AM - 02:00 AM	0.0071	0.0043	0.0033	0.0103	0.0035	0.0070	0.0113
02:00 AM - 03:00 AM	0.0079	0.0044	0.0059	0.0089	0.0074	0.0090	0.0090
03:00 AM - 04:00 AM	0.0072	0.0069	0.0071	0.0084	0.0052	0.0097	0.0126
04:00 AM - 05:00 AM	0.0075	0.0051	0.0076	0.0024	0.0038	0.0030	0.0148
05:00 AM - 06:00 AM	0.0077	0.0038	0.0045	0.0017	0.0019	0.0021	0.0080
06:00 AM - 07:00 AM	0.0062	0.0023	0.0033	0.0014	0.0013	0.0027	0.0056
07:00 AM - 08:00 AM	0.0071	0.0012	0.0039	0.0022	0.0014	0.0023	0.0107
08:00 AM - 09:00 AM	0.0077	0.0011	0.0020	0.0014	0.0013	0.0016	0.0098
09:00 AM - 10:00 AM	0.0061	0.0011	0.0042	0.0017	0.0017	0.0016	0.0092
10:00 AM - 11:00 AM	0.0037	0.0044	0.0045	0.0030	0.0012	0.0060	0.0086
11:00 AM - 12:00 PM	0.0029	0.0095	0.0044	0.0037	0.0014	0.0103	0.0082
12:00 PM - 01:00 PM	0.0016	0.0178	0.0042	0.0019	0.0025	0.0105	0.0079
01:00 PM - 02:00 PM	0.0036	0.0130	0.0039	0.0066	0.0020	0.0120	0.0077
02:00 PM - 03:00 PM	0.0083	0.0039	0.0013	0.0058	0.0159	0.0119	0.0067
Average	0.0058	0.0062	0.0059	0.0054	0.0057	0.0080	0.0108
1hr - Maximum	0.0104	0.0178	0.0118	0.0103	0.0159	0.0151	0.0148
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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24/5/24 EMAIL

S:\Reports\Air SOxNOx rpt (9:48AM)



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260
P/O : 4100119854
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2473645
Date Received : Oct 29, 2024
Date Reported : Nov 01, 2024
Report Number: 3037414-1

Page 1 of 1

Sample Description	Air Quality						
Location	สถานีไฟฟ้าแรงสูง (สระบุรี) (GPS 47P 0724357, 1616658)						
Parameter	Sulfur Dioxide (ppm)						
Measurement Date	Oct 18, 2024 - Oct 25, 2024						
Measurement by	Prommee Sripatnet						
	2473645-1	2473645-2	2473645-3	2473645-4	2473645-5	2473645-6	2473645-7
Time	Oct 18, 2024	Oct 19, 2024	Oct 20, 2024	Oct 21, 2024	Oct 22, 2024	Oct 23, 2024	Oct 24, 2024
03:00 PM - 04:00 PM	0.0019	0.0019	0.0017	0.0017	0.0017	0.0018	0.0017
04:00 PM - 05:00 PM	0.0017	0.0018	0.0018	0.0017	0.0018	0.0018	0.0019
05:00 PM - 06:00 PM	0.0017	0.0018	0.0019	0.0018	0.0022	0.0018	0.0018
06:00 PM - 07:00 PM	0.0017	0.0018	0.0020	0.0019	0.0018	0.0017	0.0019
07:00 PM - 08:00 PM	0.0018	0.0019	0.0019	0.0018	0.0018	0.0018	0.0019
08:00 PM - 09:00 PM	0.0017	0.0017	0.0019	0.0020	0.0019	0.0018	0.0018
09:00 PM - 10:00 PM	0.0015	0.0019	0.0019	0.0020	0.0019	0.0019	0.0019
10:00 PM - 11:00 PM	0.0017	0.0018	0.0020	0.0019	0.0019	0.0018	0.0018
11:00 PM - 12:00 AM	0.0017	0.0018	0.0018	0.0019	0.0018	0.0018	0.0017
12:00 AM - 01:00 AM	0.0018	0.0017	0.0017	0.0018	0.0018	0.0017	0.0018
01:00 AM - 02:00 AM	0.0019	0.0018	0.0017	0.0019	0.0017	0.0017	0.0017
02:00 AM - 03:00 AM	0.0018	0.0018	0.0018	0.0020	0.0017	0.0017	0.0018
03:00 AM - 04:00 AM	0.0018	0.0019	0.0019	0.0020	0.0017	0.0017	0.0018
04:00 AM - 05:00 AM	0.0019	0.0017	0.0021	0.0018	0.0017	0.0017	0.0019
05:00 AM - 06:00 AM	0.0019	0.0018	0.0019	0.0018	0.0018	0.0018	0.0018
06:00 AM - 07:00 AM	0.0017	0.0018	0.0013	0.0018	0.0018	0.0018	0.0018
07:00 AM - 08:00 AM	0.0020	0.0018	0.0018	0.0018	0.0018	0.0018	0.0018
08:00 AM - 09:00 AM	0.0020	0.0017	0.0019	0.0018	0.0018	0.0018	0.0019
09:00 AM - 10:00 AM	0.0019	0.0018	0.0018	0.0018	0.0018	0.0018	0.0018
10:00 AM - 11:00 AM	0.0018	0.0013	0.0018	0.0019	0.0019	0.0018	0.0018
11:00 AM - 12:00 PM	0.0017	0.0017	0.0018	0.0018	0.0018	0.0018	0.0018
12:00 PM - 01:00 PM	0.0005	0.0019	0.0018	0.0018	0.0018	0.0018	0.0018
01:00 PM - 02:00 PM	0.0015	0.0022	0.0018	0.0018	0.0018	0.0015	0.0009
02:00 PM - 03:00 PM	0.0019	0.0019	0.0017	0.0018	0.0018	0.0017	0.0010
Average	0.0017	0.0018	0.0018	0.0018	0.0018	0.0018	0.0017
1hr - Maximum	0.0020	0.0022	0.0021	0.0020	0.0022	0.0019	0.0019
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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S:\Reports\Air SOxNOx rpt (9:48AM)



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260
P/O : 4100119854
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2473604
Date Received : Oct 29, 2024
Date Reported : Nov 05, 2024
Report Number : 3037244-1

Page 1 of 2

Sample Number : 2473604-1 to 7
Parameter : Wind Speed / Wind Direction
Location : สถานีไฟฟ้าแรงสูง (สระบุรี) (GPS 47P 0724357, 1616658)
Sampling Date : Oct 18 - Oct 25, 2024
Sampling by : Prommee Sripatnet

Time	Oct 18 - Oct 19, 2024			Oct 19 - Oct 20, 2024			Oct 20 - Oct 21, 2024			Oct 21 - Oct 22, 2024			Oct 22 - Oct 23, 2024			Oct 23 - Oct 24, 2024			Oct 24 - Oct 25, 2024		
	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)	
03:00 PM - 04:00 PM	1.5	266.0	W	1.8	338.0	NNW	1.0	77.0	ENE	2.4	30.0	NNE	4.0	60.0	ENE	1.9	92.0	E	1.7	329.0	NNW
04:00 PM - 05:00 PM	0.0	-	-	0.4	180.0	S	0.6	99.0	E	2.3	88.0	E	0.7	44.0	NE	1.1	112.0	ESE	1.4	339.0	NNW
05:00 PM - 06:00 PM	0.0	-	-	3.7	182.0	S	1.0	17.0	NNE	0.0	-	-	1.5	92.0	E	5.0	51.0	NE	1.3	340.0	NNW
06:00 PM - 07:00 PM	0.6	26.0	NNE	0.0	-	-	0.1	-	-	0.9	78.0	ENE	0.7	27.0	NNE	0.6	142.0	SE	0.7	30.0	NNE
07:00 PM - 08:00 PM	0.0	-	-	0.0	-	-	0.8	16.0	NNE	0.0	-	-	1.0	3.0	N	0.9	85.0	E	1.4	62.0	ENE
08:00 PM - 09:00 PM	1.1	17.0	NNE	0.0	-	-	1.1	4.0	N	0.0	-	-	0.0	-	-	1.1	104.0	ESE	1.3	22.0	NNE
09:00 PM - 10:00 PM	0.0	-	-	0.0	-	-	3.4	19.0	NNE	0.5	64.0	ENE	2.4	43.0	NE	1.5	36.0	NE	0.3	95.0	E
10:00 PM - 11:00 PM	3.4	159.0	SSE	0.0	-	-	0.0	-	-	0.9	67.0	ENE	3.2	13.0	NNE	0.1	-	-	0.5	163.0	SSE
11:00 PM - 12:00 AM	0.0	-	-	0.0	-	-	1.2	99.0	E	0.0	-	-	1.5	27.0	NNE	0.6	32.0	NNE	1.2	41.0	NE
12:00 AM - 01:00 AM	0.0	-	-	0.0	-	-	0.0	-	-	0.2	-	-	1.7	9.0	N	0.5	30.0	NNE	0.7	32.0	NNE
01:00 AM - 02:00 AM	0.0	-	-	0.0	-	-	0.0	-	-	1.9	3.0	N	2.3	43.0	NE	1.4	0.0	N	0.9	76.0	ENE
02:00 AM - 03:00 AM	0.3	0.0	N	0.0	-	-	0.0	-	-	0.0	-	-	2.2	2.0	N	1.4	16.0	NNE	1.2	51.0	NE
03:00 AM - 04:00 AM	0.5	37.0	NE	0.0	-	-	0.0	-	-	0.0	-	-	1.8	49.0	NE	1.3	4.0	N	0.6	8.0	N
04:00 AM - 05:00 AM	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	2.6	49.0	NE	1.5	13.0	NNE	1.2	1.0	N
05:00 AM - 06:00 AM	0.0	-	-	0.0	-	-	0.3	140.0	SE	0.7	323.0	NW	1.8	52.0	NE	0.9	9.0	N	0.9	104.0	ESE
06:00 AM - 07:00 AM	0.6	336.0	NNW	0.0	-	-	0.0	-	-	0.5	322.0	NW	3.6	25.0	NNE	2.8	31.0	NNE	0.5	47.0	NE
07:00 AM - 08:00 AM	0.0	-	-	0.1	-	-	1.5	7.0	N	1.2	143.0	SE	3.3	46.0	NE	0.6	61.0	ENE	0.7	50.0	NE
08:00 AM - 09:00 AM	0.8	178.0	S	0.0	-	-	2.1	11.0	N	0.7	293.0	WNW	3.1	56.0	NE	2.2	65.0	ENE	2.4	354.0	N
09:00 AM - 10:00 AM	1.6	171.0	S	1.9	314.0	NW	1.7	61.0	ENE	1.8	63.0	ENE	2.0	25.0	NNE	3.0	56.0	NE	1.8	110.0	ESE
10:00 AM - 11:00 AM	0.5	201.0	SSW	2.2	161.0	SSE	2.0	82.0	E	1.2	296.0	WNW	3.4	81.0	E	2.5	47.0	NE	3.1	354.0	N
11:00 AM - 12:00 PM	0.0	-	-	1.6	202.0	SSW	2.0	214.0	SW	4.6	311.0	NW	3.2	51.0	NE	3.4	80.0	E	1.9	359.0	N
12:00 PM - 01:00 PM	1.7	312.0	NW	2.4	234.0	SW	1.7	153.0	SSE	6.0	35.0	NE	2.2	47.0	NE	2.7	76.0	ENE	3.2	287.0	WNW
01:00 PM - 02:00 PM	0.5	322.0	NW	1.0	205.0	SSW	1.3	216.0	SW	1.9	61.0	ENE	2.0	75.0	ENE	1.0	358.0	N	1.5	331.0	NNW
02:00 PM - 03:00 PM	1.9	326.0	NW	0.0	-	-	0.6	198.0	SSW	0.0	-	-	1.5	67.0	ENE	1.7	1.0	N	1.0	282.0	WNW

Reference Method : Cup Anemometer & Anodized Aluminium Vane Method

The above results are valid only for the analyzed sample(s) as indicated in this report. If a 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.

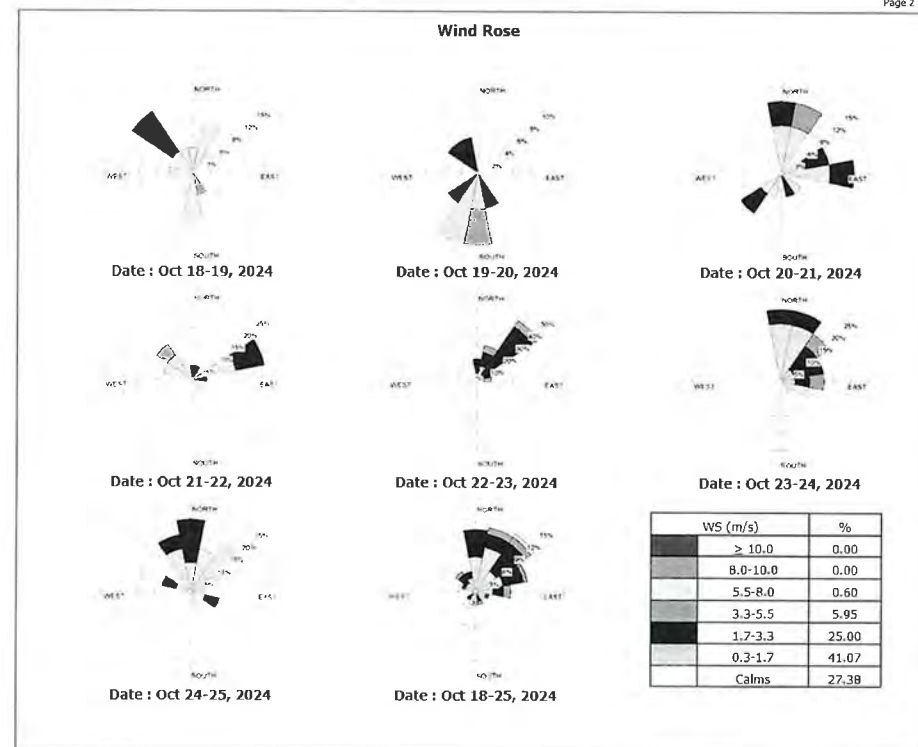


Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260
P/O : 4100119854
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2473604
Date Received : Oct 29, 2024
Date Reported : Nov 05, 2024
Report Number : 3037244-1

Page 2 of 2



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Analysis / Test Report



TESTING
No.0009

Lot ID: 2473660

Date Received : Oct 29, 2024
Date Reported : Nov 06, 2024
Report Number: 3037447-1

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi Thailand 18260
P/O : 4100119854
Project Name : Saraburi Factory Plant
Project Location :

Page 1 of 1

Sample Description		Air Quality				
Location		บ้านนาเสด็จ (GPS 47P 0726598, 1619844)				
Date Analysis Commenced		Oct 30, 2024				
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)	
2473660-1	Oct 18 - Oct 19, 2024	0.046	0.021	744	30	
2473660-2	Oct 19 - Oct 20, 2024	0.045	0.022	744	26	
2473660-3	Oct 20 - Oct 21, 2024	0.052	0.025	744	26	
2473660-4	Oct 21 - Oct 22, 2024	0.115	0.048	744	32	
2473660-5	Oct 22 - Oct 23, 2024	0.081	0.037	744	33	
2473660-6	Oct 23 - Oct 24, 2024	0.111	0.050	744	34	
2473660-7	Oct 24 - Oct 25, 2024	0.084	0.043	744	33	
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 : Prommee Sripatnet

Remark :

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

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S:\Reports_L\Air Ambient\7Days rpt (8 02AM)



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi Thailand 18260
P/O : 4100119854
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2473626

Date Received : Oct 29, 2024
Date Reported : Nov 01, 2024
Report Number: 3037376-1

Page 1 of 1

Sample Description	Air Quality							
	บ้านนาเสด็จ (GPS 47P 0726598, 1619844)							
Location	บ้านนาเสด็จ (GPS 47P 0726598, 1619844)							
Parameter	Nitrogen dioxide (ppm)							
Measurement Date	Oct 18, 2024 - Oct 25, 2024							
Measurement by	Prommee Sripatnet							
	2473626-1	2473626-2	2473626-3	2473626-4	2473626-5	2473626-6	2473626-7	
Time	Oct 18, 2024	Oct 19, 2024	Oct 20, 2024	Oct 21, 2024	Oct 22, 2024	Oct 23, 2024	Oct 24, 2024	
02:00 PM - 03:00 PM	0.0037	0.0039	0.0034	0.0026	0.0029	0.0060	0.0054	
03:00 PM - 04:00 PM	0.0034	0.0077	0.0059	0.0022	0.0057	0.0137	0.0036	
04:00 PM - 05:00 PM	0.0063	0.0095	0.0074	0.0019	0.0035	0.0092	0.0048	
05:00 PM - 06:00 PM	0.0069	0.0087	0.0090	0.0019	0.0027	0.0050	0.0037	
06:00 PM - 07:00 PM	0.0073	0.0071	0.0099	0.0063	0.0023	0.0064	0.0025	
07:00 PM - 08:00 PM	0.0072	0.0031	0.0094	0.0052	0.0030	0.0075	0.0020	
08:00 PM - 09:00 PM	0.0036	0.0028	0.0085	0.0048	0.0028	0.0109	0.0022	
09:00 PM - 10:00 PM	0.0062	0.0022	0.0072	0.0035	0.0103	0.0090	0.0058	
10:00 PM - 11:00 PM	0.0061	0.0056	0.0046	0.0033	0.0116	0.0078	0.0065	
11:00 PM - 12:00 AM	0.0059	0.0065	0.0028	0.0032	0.0106	0.0067	0.0062	
12:00 AM - 01:00 AM	0.0057	0.0050	0.0048	0.0031	0.0076	0.0057	0.0058	
01:00 AM - 02:00 AM	0.0053	0.0036	0.0035	0.0039	0.0048	0.0027	0.0060	
02:00 AM - 03:00 AM	0.0050	0.0019	0.0022	0.0027	0.0052	0.0021	0.0062	
03:00 AM - 04:00 AM	0.0037	0.0011	0.0025	0.0019	0.0124	0.0029	0.0063	
04:00 AM - 05:00 AM	0.0035	0.0011	0.0025	0.0015	0.0070	0.0046	0.0053	
05:00 AM - 06:00 AM	0.0026	0.0022	0.0019	0.0035	0.0050	0.0150	0.0047	
06:00 AM - 07:00 AM	0.0024	0.0019	0.0024	0.0028	0.0073	0.0158	0.0031	
07:00 AM - 08:00 AM	0.0036	0.0028	0.0034	0.0077	0.0083	0.0438	0.0040	
08:00 AM - 09:00 AM	0.0034	0.0118	0.0030	0.0214	0.0140	0.0189	0.0259	
09:00 AM - 10:00 AM	0.0028	0.0088	0.0036	0.0097	0.0124	0.0177	0.0043	
10:00 AM - 11:00 AM	0.0140	0.0127	0.0209	0.0074	0.0145	0.0090	0.0036	
11:00 AM - 12:00 PM	0.0068	0.0044	0.0073	0.0047	0.0125	0.0067	0.0034	
12:00 PM - 01:00 PM	0.0262	0.0051	0.0183	0.0031	0.0100	0.0044	0.0028	
01:00 PM - 02:00 PM	0.0066	0.0073	0.0030	0.0029	0.0083	0.0038	0.0025	
Average	0.0062	0.0053	0.0061	0.0046	0.0077	0.0098	0.0053	
1hr - Maximum	0.0262	0.0127	0.0209	0.0214	0.0145	0.0438	0.0259	
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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Urawan Rakying
Scientist (3)

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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S:\Reports_L\Air SOxNOx rpt (9 51AM)



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkholi, Saraburi
Thailand 18260
P/O : 4100119854
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2473646
Date Received : Oct 29, 2024
Date Reported : Nov 01, 2024
Report Number: 3037416-1

Page 1 of 1

Sample Description Air Quality
Location บ้านนาเสด็จ (GPS 47P 0726598, 1619844)
Parameter Sulfur Dioxide (ppm)
Measurement Date Oct 18, 2024 - Oct 25, 2024
Measurement by Prommee Sripatnet

Time	2473646-1 Oct 18, 2024	2473646-2 Oct 19, 2024	2473646-3 Oct 20, 2024	2473646-4 Oct 21, 2024	2473646-5 Oct 22, 2024	2473646-6 Oct 23, 2024	2473646-7 Oct 24, 2024
02:00 PM - 03:00 PM	0.0017	0.0013	0.0014	0.0014	0.0012	0.0014	0.0013
03:00 PM - 04:00 PM	0.0016	0.0014	0.0015	0.0014	0.0012	0.0013	0.0015
04:00 PM - 05:00 PM	0.0016	0.0014	0.0015	0.0013	0.0012	0.0013	0.0014
05:00 PM - 06:00 PM	0.0015	0.0015	0.0016	0.0013	0.0012	0.0013	0.0014
06:00 PM - 07:00 PM	0.0015	0.0014	0.0015	0.0013	0.0012	0.0013	0.0015
07:00 PM - 08:00 PM	0.0015	0.0013	0.0015	0.0013	0.0013	0.0013	0.0016
08:00 PM - 09:00 PM	0.0015	0.0014	0.0014	0.0013	0.0013	0.0016	0.0015
09:00 PM - 10:00 PM	0.0015	0.0014	0.0015	0.0013	0.0013	0.0016	0.0015
10:00 PM - 11:00 PM	0.0015	0.0014	0.0015	0.0014	0.0013	0.0015	0.0015
11:00 PM - 12:00 AM	0.0015	0.0014	0.0014	0.0014	0.0013	0.0015	0.0016
12:00 AM - 01:00 AM	0.0016	0.0014	0.0014	0.0012	0.0013	0.0014	0.0015
01:00 AM - 02:00 AM	0.0017	0.0014	0.0012	0.0011	0.0011	0.0014	0.0013
02:00 AM - 03:00 AM	0.0017	0.0014	0.0013	0.0010	0.0012	0.0014	0.0013
03:00 AM - 04:00 AM	0.0016	0.0014	0.0014	0.0009	0.0012	0.0014	0.0014
04:00 AM - 05:00 AM	0.0015	0.0014	0.0014	0.0009	0.0012	0.0014	0.0014
05:00 AM - 06:00 AM	0.0015	0.0015	0.0014	0.0010	0.0012	0.0013	0.0014
06:00 AM - 07:00 AM	0.0014	0.0015	0.0015	0.0009	0.0012	0.0014	0.0013
07:00 AM - 08:00 AM	0.0014	0.0014	0.0014	0.0009	0.0012	0.0015	0.0014
08:00 AM - 09:00 AM	0.0013	0.0014	0.0014	0.0010	0.0013	0.0015	0.0012
09:00 AM - 10:00 AM	0.0013	0.0015	0.0014	0.0010	0.0013	0.0016	0.0011
10:00 AM - 11:00 AM	0.0013	0.0014	0.0014	0.0011	0.0013	0.0016	0.0013
11:00 AM - 12:00 PM	0.0014	0.0015	0.0014	0.0012	0.0014	0.0010	0.0014
12:00 PM - 01:00 PM	0.0014	0.0015	0.0014	0.0012	0.0014	0.0008	0.0013
01:00 PM - 02:00 PM	0.0014	0.0015	0.0013	0.0012	0.0014	0.0011	0.0012
Average	0.0015	0.0014	0.0014	0.0012	0.0013	0.0014	0.0014
1hr - Maximum	0.0017	0.0015	0.0016	0.0014	0.0014	0.0016	0.0016
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

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. No part of this report 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.

Crawan Rakhyong
Scientist (3)

ADDRESS 104 Phatthanakan 40, Phatthanakan Rd., Khwaeng Phatthanakan, Khet Suan Luang, Bangkok 10250 Thailand TEL: +66 0 2760 3000 FAX: +66 0 2760 3197
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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkholi, Saraburi
Thailand 18260
P/O : 4100119854
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2473605
Date Received : Oct 29, 2024
Date Reported : Nov 05, 2024
Report Number : 3037260-1

Page 1 of 2

Sample Number 2473605-1 to 7
Parameter Wind Speed / Wind Direction
Location บ้านนาเสด็จ (GPS 47P 0726598, 1619844)
Sampling Date Oct 18 - Oct 25, 2024
Sampling by Prommee Sripatnet

Time	Oct 18 - Oct 19, 2024			Oct 19 - Oct 20, 2024			Oct 20 - Oct 21, 2024			Oct 21 - Oct 22, 2024			Oct 22 - Oct 23, 2024			Oct 23 - Oct 24, 2024			Oct 24 - Oct 25, 2024		
	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)	
02:00 PM - 03:00 PM	1.3	322.0	NW	1.7	309.0	NW	1.2	206.0	SSW	2.6	17.0	NNE	2.3	16.0	NNE	1.6	213.0	SSW	1.3	247.0	WSW
03:00 PM - 04:00 PM	0.7	313.0	NW	0.6	260.0	W	0.6	310.0	NW	1.6	359.0	N	1.3	321.0	NW	0.8	160.0	SSE	1.7	339.0	NNW
04:00 PM - 05:00 PM	0.6	231.0	SW	2.3	153.0	SSE	0.4	321.0	NW	0.8	8.0	N	0.7	333.0	NNW	0.4	61.0	ENE	2.4	346.0	NNW
05:00 PM - 06:00 PM	1.2	78.0	ENE	0.6	153.0	SSE	2.3	183.0	S	0.6	34.0	NE	0.6	318.0	NW	2.3	14.0	NNE	0.6	33.0	NNE
06:00 PM - 07:00 PM	2.1	100.0	E	0.4	343.0	NNW	1.2	183.0	S	1.2	331.0	NNW	0.3	337.0	NNW	1.3	357.0	N	0.2	-	-
07:00 PM - 08:00 PM	0.6	191.0	S	0.2	-	-	0.0	-	-	0.3	335.0	NNW	0.0	-	-	0.7	329.0	NNW	0.4	339.0	NNW
08:00 PM - 09:00 PM	0.2	-	-	0.3	103.0	ESE	0.0	-	-	0.0	-	-	3.0	157.0	SSE	0.4	29.0	NNE	0.0	-	-
09:00 PM - 10:00 PM	0.7	338.0	NNW	0.7	46.0	NE	0.0	-	-	0.0	-	-	1.4	357.0	N	0.2	-	-	0.0	-	-
10:00 PM - 11:00 PM	0.0	-	-	0.6	70.0	ENE	0.0	-	-	0.0	-	-	0.8	14.0	NNE	1.4	343.0	NNW	0.0	-	-
11:00 PM - 12:00 AM	0.0	-	-	0.2	-	-	0.0	-	-	0.6	4.0	N	1.3	26.0	NNE	0.2	-	-	0.0	-	-
12:00 AM - 01:00 AM	0.0	-	-	0.0	-	-	0.0	-	-	0.3	359.0	N	0.6	355.0	N	0.0	-	-	0.0	-	-
01:00 AM - 02:00 AM	0.0	-	-	0.0	-	-	0.0	-	-	0.2	-	-	0.4	112.0	ESE	0.4	10.0	N	0.4	326.0	NW
02:00 AM - 03:00 AM	0.2	-	-	0.0	-	-	0.0	-	-	0.8	156.0	SSE	0.2	-	-	0.6	71.0	ENE	0.8	73.0	ENE
03:00 AM - 04:00 AM	0.8	204.0	SSW	0.0	-	-	0.0	-	-	0.3	156.0	SSE	0.8	202.0	SSW	0.2	-	-	0.2	-	-
04:00 AM - 05:00 AM	0.6	337.0	NNW	0.0	-	-	0.6	236.0	SW	0.4	3.0	N	0.4	49.0	NE	0.1	-	-	0.0	-	-
05:00 AM - 06:00 AM	0.2	-	-	0.0	-	-	0.4	265.0	W	1.6	2.0	N	0.6	60.0	ENE	0.7	83.0	E	0.0	-	-
06:00 AM - 07:00 AM	0.0	-	-	0.6	46.0	NE	1.2	148.0	SSE	2.3	125.0	SE	2.3	312.0	NW	1.4	235.0	SW	0.0	-	-
07:00 AM - 08:00 AM	1.3	233.0	SW	2.4	93.0	E	0.3	176.0	S	1.0	115.0	ESE	0.4	239.0	WSW	2.2	29.0	NNE	2.7	139.0	SE
08:00 AM - 09:00 AM	2.6	63.0	ENE	0.6	147.0	SSE	0.6	183.0	S	0.6	27.0	NNE	1.9	56.0	NE	0.6	56.0	NE	0.5	52.0	NE
09:00 AM - 10:00 AM	0.6	2.0	N	1.2	176.0	S	0.4	183.0	S	0.4	339.0	NNW	0.6	5.0	N	1.6	359.0	N	1.0	235.0	SW
10:00 AM - 11:00 AM	0.7	316.0	NW	0.2	-	-	1.2	132.0	SE	0.8	359.0	N	1.6	104.0	ESE	1.8	70.0	ENE	0.6	285.0	WNW
11:00 AM - 12:00 PM	0.9	217.0	SW	0.7	161.0	SSE	0.6	26.0	NNE	2.4	20.0	NNE	0.9	197.0	SSW	1.2	313.0	NW	0.4	146.0	SE
12:00 PM - 01:00 PM	1.3	313.0	NW	0.6	284.0	WNW	0.9	21.0	NNE	1.7	126.0	SE	0.4	113.0	ESE	0.6	359.0	N	3.0	186.0	S
01:00 PM - 02:00 PM	0.8	327.0	NNW	1.7	232.0	SW	1.7	1.0	N	0.5	65.0	ENE	0.6	34.0	NE	0.4	263.0	W	1.3	175.0	S

Reference Method : Cup Anemometer & Anodized Aluminium Vane Method

The above results are valid only for the audited/checked sample(s) as indicated in this report. No part of this report or its contents 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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ADDRESS 104 Phatthanakan 40, Phatthanakan Rd., Khwaeng Phatthanakan, Khet Suan Luang, Bangkok 10250 Thailand TEL: +66 0 2760 3000 FAX: +66 0 2760 3197
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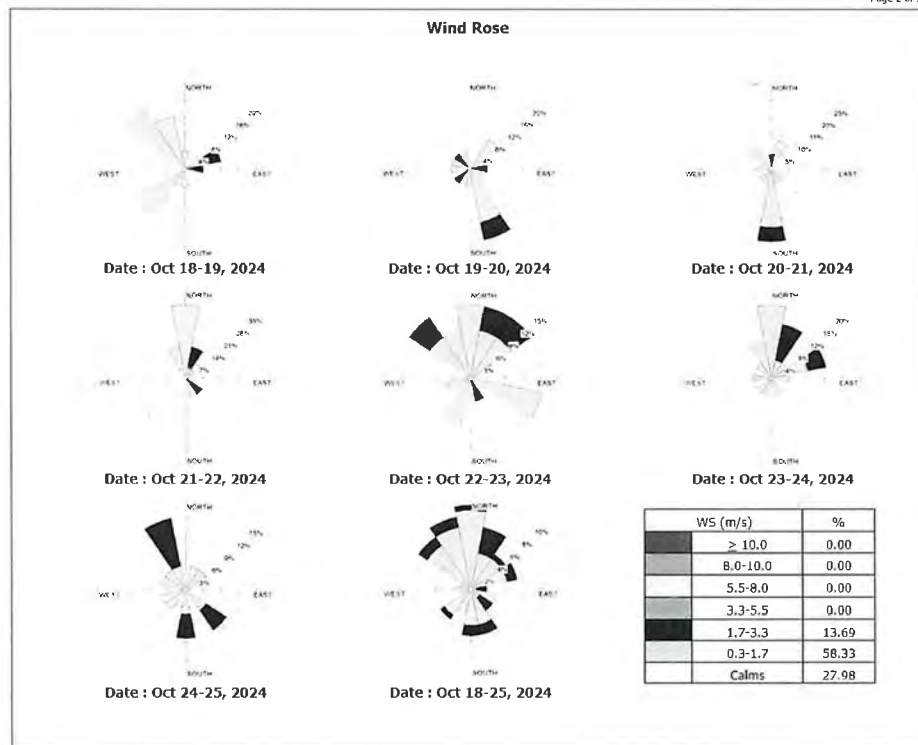


Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhol, Saraburi
Thailand 18260
P/O : 4100119854
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2473605
Date Received : Oct 29, 2024
Date Reported : Nov 05, 2024
Report Number : 3037260-1

Page 2 of 2



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Assistant General Manager

ADDRESS 104 Phatthanakan 40, Phatthanakan Rd., Khwaeng Phatthanakan, Khet Suan Luang, Bangkok 10250 Thailand TEL: +66 0 2760 3000 FAX: +66 0 2760 3197
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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhol,
Saraburi Thailand 18260
P/O : 4100119854
Project Name : Saraburi Factory Plant
Project Location :



TESTING
No.0009

Lot ID: 2473661
Date Received : Oct 29, 2024
Date Reported : Nov 06, 2024
Report Number: 3037449-1

Page 1 of 1

Sample Description : Air Quality
Location : วัดเนินสูง (GPS 47P 0729470, 1622879)
Date Analysis Commenced : Oct 30, 2024
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)
2473661-1	Oct 18 - Oct 19, 2024	0.083	0.033	741	33
2473661-2	Oct 19 - Oct 20, 2024	0.018	0.014	741	26
2473661-3	Oct 20 - Oct 21, 2024	0.034	0.020	741	26
2473661-4	Oct 21 - Oct 22, 2024	0.087	0.037	741	31
2473661-5	Oct 22 - Oct 23, 2024	0.017	0.012	741	33
2473661-6	Oct 23 - Oct 24, 2024	0.166	0.020	741	33
2473661-7	Oct 24 - Oct 25, 2024	0.036	0.022	741	34
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 : Prommee Sripatnet

Remark :

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

Approved by

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S:\Reports\Air Ambient\7Days.rpt (8 07AM)



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260
P/O : 4100119854
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2473627
Date Received : Oct 29, 2024
Date Reported : Nov 01, 2024
Report Number: 3037380-1

Page 1 of 1

Sample Description Air Quality
Location วัดพันล้น (GPS 47P 0729470, 1622879)
Parameter Nitrogen dioxide (ppm)
Measurement Date Oct 18, 2024 - Oct 25, 2024
Measurement by Prommee Sripatnet

Time	2473627-1 Oct 18, 2024	2473627-2 Oct 19, 2024	2473627-3 Oct 20, 2024	2473627-4 Oct 21, 2024	2473627-5 Oct 22, 2024	2473627-6 Oct 23, 2024	2473627-7 Oct 24, 2024
02:00 PM - 03:00 PM	0.0068	0.0117	0.0067	0.0077	0.0062	0.0047	0.0047
03:00 PM - 04:00 PM	0.0059	0.0110	0.0061	0.0059	0.0076	0.0061	0.0071
04:00 PM - 05:00 PM	0.0166	0.0124	0.0058	0.0087	0.0091	0.0067	0.0089
05:00 PM - 06:00 PM	0.0286	0.0104	0.0054	0.0065	0.0077	0.0059	0.0070
06:00 PM - 07:00 PM	0.0096	0.0109	0.0060	0.0063	0.0087	0.0069	0.0068
07:00 PM - 08:00 PM	0.0087	0.0090	0.0049	0.0062	0.0071	0.0060	0.0062
08:00 PM - 09:00 PM	0.0069	0.0092	0.0039	0.0063	0.0066	0.0060	0.0057
09:00 PM - 10:00 PM	0.0060	0.0105	0.0062	0.0054	0.0068	0.0058	0.0064
10:00 PM - 11:00 PM	0.0053	0.0138	0.0066	0.0048	0.0066	0.0065	0.0156
11:00 PM - 12:00 AM	0.0059	0.0097	0.0045	0.0098	0.0072	0.0061	0.0153
12:00 AM - 01:00 AM	0.0053	0.0106	0.0046	0.0092	0.0068	0.0065	0.0112
01:00 AM - 02:00 AM	0.0053	0.0092	0.0042	0.0094	0.0057	0.0077	0.0120
02:00 AM - 03:00 AM	0.0041	0.0076	0.0056	0.0077	0.0060	0.0062	0.0093
03:00 AM - 04:00 AM	0.0046	0.0092	0.0059	0.0079	0.0057	0.0080	0.0092
04:00 AM - 05:00 AM	0.0046	0.0202	0.0073	0.0093	0.0073	0.0126	0.0158
05:00 AM - 06:00 AM	0.0054	0.0123	0.0060	0.0054	0.0078	0.0151	0.0206
06:00 AM - 07:00 AM	0.0094	0.0111	0.0067	0.0063	0.0089	0.0111	0.0157
07:00 AM - 08:00 AM	0.0266	0.0086	0.0059	0.0060	0.0074	0.0077	0.0154
08:00 AM - 09:00 AM	0.0175	0.0084	0.0059	0.0066	0.0067	0.0044	0.0103
09:00 AM - 10:00 AM	0.0158	0.0159	0.0128	0.0078	0.0076	0.0057	0.0122
10:00 AM - 11:00 AM	0.0170	0.0168	0.0190	0.0072	0.0072	0.0071	0.0122
11:00 AM - 12:00 PM	0.0118	0.0085	0.0139	0.0071	0.0062	0.0061	0.0140
12:00 PM - 01:00 PM	0.0119	0.0086	0.0109	0.0079	0.0063	0.0067	0.0110
01:00 PM - 02:00 PM	0.0148	0.0074	0.0088	0.0071	0.0057	0.0050	0.0134
Average	0.0106	0.0110	0.0072	0.0072	0.0070	0.0071	0.0111
1hr - Maximum	0.0286	0.0202	0.0190	0.0098	0.0091	0.0151	0.0206
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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Orawan Rakyong
Scientist (3)

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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2995-TV EMAIL

S:\Reports_Air SOxNOx rpt (9.53AM)



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260
P/O : 4100119854
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2473647
Date Received : Oct 29, 2024
Date Reported : Nov 01, 2024
Report Number: 3037417-1

Page 1 of 1

Sample Description Air Quality
Location วัดพันล้น (GPS 47P 0729470, 1622879)
Parameter Sulfur Dioxide (ppm)
Measurement Date Oct 18, 2024 - Oct 25, 2024
Measurement by Prommee Sripatnet

Time	2473647-1 Oct 18, 2024	2473647-2 Oct 19, 2024	2473647-3 Oct 20, 2024	2473647-4 Oct 21, 2024	2473647-5 Oct 22, 2024	2473647-6 Oct 23, 2024	2473647-7 Oct 24, 2024
02:00 PM - 03:00 PM	0.0018	0.0008	0.0019	0.0011	0.0011	0.0014	0.0012
03:00 PM - 04:00 PM	0.0026	0.0009	0.0025	0.0013	0.0013	0.0015	0.0013
04:00 PM - 05:00 PM	0.0022	0.0010	0.0010	0.0015	0.0016	0.0019	0.0015
05:00 PM - 06:00 PM	0.0009	0.0012	0.0009	0.0019	0.0022	0.0018	0.0019
06:00 PM - 07:00 PM	0.0010	0.0015	0.0012	0.0025	0.0021	0.0029	0.0022
07:00 PM - 08:00 PM	0.0013	0.0015	0.0014	0.0020	0.0012	0.0012	0.0024
08:00 PM - 09:00 PM	0.0016	0.0017	0.0017	0.0011	0.0014	0.0013	0.0020
09:00 PM - 10:00 PM	0.0019	0.0024	0.0022	0.0011	0.0018	0.0016	0.0014
10:00 PM - 11:00 PM	0.0024	0.0027	0.0009	0.0013	0.0020	0.0021	0.0008
11:00 PM - 12:00 AM	0.0023	0.0007	0.0010	0.0016	0.0026	0.0027	0.0008
12:00 AM - 01:00 AM	0.0022	0.0007	0.0011	0.0006	0.0051	0.0012	0.0010
01:00 AM - 02:00 AM	0.0008	0.0007	0.0013	0.0007	0.0012	0.0012	0.0013
02:00 AM - 03:00 AM	0.0010	0.0008	0.0016	0.0008	0.0013	0.0014	0.0017
03:00 AM - 04:00 AM	0.0014	0.0009	0.0022	0.0049	0.0018	0.0015	0.0019
04:00 AM - 05:00 AM	0.0015	0.0011	0.0028	0.0025	0.0018	0.0023	0.0023
05:00 AM - 06:00 AM	0.0022	0.0015	0.0010	0.0016	0.0030	0.0022	0.0003
06:00 AM - 07:00 AM	0.0007	0.0018	0.0010	0.0022	0.0029	0.0027	0.0010
07:00 AM - 08:00 AM	0.0011	0.0019	0.0011	0.0027	0.0011	0.0024	0.0020
08:00 AM - 09:00 AM	0.0012	0.0027	0.0013	0.0029	0.0014	0.0014	0.0009
09:00 AM - 10:00 AM	0.0016	0.0010	0.0016	0.0012	0.0017	0.0014	0.0011
10:00 AM - 11:00 AM	0.0020	0.0010	0.0019	0.0016	0.0022	0.0015	0.0013
11:00 AM - 12:00 PM	0.0012	0.0011	0.0025	0.0019	0.0025	0.0026	0.0019
12:00 PM - 01:00 PM	0.0008	0.0013	0.0009	0.0024	0.0023	0.0037	0.0026
01:00 PM - 02:00 PM	0.0009	0.0017	0.0010	0.0030	0.0012	0.0011	0.0017
Average	0.0015	0.0014	0.0015	0.0018	0.0020	0.0019	0.0015
1hr - Maximum	0.0026	0.0027	0.0028	0.0049	0.0051	0.0037	0.0026
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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Orawan Rakyong
Scientist (3)

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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S:\Reports_Air SOxNOx rpt (10.10AM)



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O : 4100119854

Project Name : Saraburi Factory Plant

Project Location :

Lot ID: 2473606

Date Received : Oct 29, 2024

Date Reported : Nov 05, 2024

Report Number :3037264-1

Page 1 of 2

Sample Number : 2473606-1 to 7
Parameter : Wind Speed / Wind Direction
Location : วัดหินล้าน (GPS 47P 0729470, 1622879)
Sampling Date : Oct 18 - Oct 25, 2024
Sampling by : Prommee Sripatnet

Time	Oct 18 - Oct 19, 2024			Oct 19 - Oct 20, 2024			Oct 20 - Oct 21, 2024			Oct 21 - Oct 22, 2024			Oct 22 - Oct 23, 2024			Oct 23 - Oct 24, 2024			Oct 24 - Oct 25, 2024		
	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)	
02:00 PM - 03:00 PM	1.1	254.0	WSW	0.2	-	-	0.0	-	-	1.2	129.0	SE	0.6	122.0	ESE	0.9	72.0	ENE	0.2	-	-
03:00 PM - 04:00 PM	0.3	324.0	NW	0.0	-	-	0.2	-	-	0.0	-	-	2.4	82.0	E	1.1	51.0	NE	0.3	356.0	N
04:00 PM - 05:00 PM	0.0	-	-	0.1	-	-	0.7	248.0	WSW	1.4	83.0	E	0.9	101.0	E	1.3	76.0	ENE	1.0	4.0	N
05:00 PM - 06:00 PM	0.6	196.0	SSW	0.0	-	-	0.0	-	-	0.0	-	-	0.5	88.0	E	0.5	202.0	SSW	0.3	238.0	WSW
06:00 PM - 07:00 PM	0.3	74.0	ENE	2.3	27.0	NNE	0.0	-	-	0.6	98.0	E	1.0	103.0	ESE	0.4	56.0	NE	1.1	92.0	E
07:00 PM - 08:00 PM	0.0	-	-	0.5	20.0	NNE	0.0	-	-	0.0	-	-	0.0	-	-	1.1	103.0	ESE	0.0	-	-
08:00 PM - 09:00 PM	0.0	-	-	0.0	-	-	1.0	91.0	E	0.0	-	-	0.1	-	-	0.0	-	-	0.0	-	-
09:00 PM - 10:00 PM	0.0	-	-	0.9	60.0	ENE	0.1	-	-	0.0	-	-	1.6	46.0	NE	0.2	-	-	0.0	-	-
10:00 PM - 11:00 PM	0.0	-	-	1.2	91.0	E	0.8	72.0	ENE	0.0	-	-	1.6	35.0	NE	1.1	98.0	E	0.0	-	-
11:00 PM - 12:00 AM	0.0	-	-	0.4	171.0	S	1.8	58.0	ENE	0.0	-	-	0.8	90.0	E	0.9	85.0	E	0.0	-	-
12:00 AM - 01:00 AM	0.0	-	-	0.0	-	-	0.0	-	-	0.3	65.0	ENE	0.0	-	-	0.5	118.0	ESE	0.5	107.0	ESE
01:00 AM - 02:00 AM	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	1.0	47.0	NE	0.8	111.0	ESE	0.0	-	-
02:00 AM - 03:00 AM	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	1.3	49.0	NE	0.4	75.0	ENE	0.0	-	-
03:00 AM - 04:00 AM	0.0	-	-	1.0	260.0	W	0.0	-	-	0.7	88.0	E	1.3	17.0	NNE	0.0	-	-	0.0	-	-
04:00 AM - 05:00 AM	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.3	81.0	E	0.0	-	-	1.1	116.0	ESE
05:00 AM - 06:00 AM	0.0	-	-	1.0	33.0	NNE	0.0	-	-	0.0	-	-	0.0	-	-	1.1	114.0	ESE	0.0	-	-
06:00 AM - 07:00 AM	0.0	-	-	1.1	64.0	ENE	0.0	-	-	0.0	-	-	0.2	-	-	3.8	44.0	NE	0.0	-	-
07:00 AM - 08:00 AM	0.0	-	-	1.9	32.0	NNE	0.0	-	-	1.1	13.0	NNE	1.2	79.0	E	3.9	49.0	NE	0.2	-	-
08:00 AM - 09:00 AM	0.0	-	-	2.5	35.0	NE	0.0	-	-	4.3	56.0	NE	1.5	3.0	N	3.8	92.0	E	0.0	-	-
09:00 AM - 10:00 AM	1.6	14.0	NNE	2.2	19.0	NNE	0.0	-	-	2.2	55.0	NE	2.1	103.0	ESE	4.4	66.0	ENE	1.7	2.0	N
10:00 AM - 11:00 AM	1.2	263.0	W	1.3	108.0	ESE	0.3	21.0	NNE	2.3	120.0	ESE	2.9	35.0	NE	2.7	309.0	NW	2.0	254.0	WSW
11:00 AM - 12:00 PM	0.3	252.0	WSW	1.9	75.0	ENE	0.1	-	-	4.0	78.0	ENE	1.0	131.0	SE	2.5	51.0	NE	1.8	266.0	W
12:00 PM - 01:00 PM	0.4	304.0	NW	2.2	41.0	NE	0.6	37.0	NE	2.8	54.0	NE	3.5	85.0	E	1.5	54.0	NE	1.0	221.0	SW
01:00 PM - 02:00 PM	0.4	216.0	SW	0.8	333.0	NNW	1.1	35.0	NE	0.9	91.0	E	1.2	103.0	ESE	0.5	214.0	SW	1.4	7.0	N

Reference Method : Cup Anemometer & Anodized Aluminium Vane Method

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Assistant General Manager

ADDRESS 104 Phatthanakan 40, Phatthanakan Rd., Khwaeng Phatthanakan, Khet Suan Luang, Bangkok 10250 Thailand | TEL: +66 0 2760 3000 | FAX: +66 0 2760 3197
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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O : 4100119854

Project Name : Saraburi Factory Plant

Project Location :

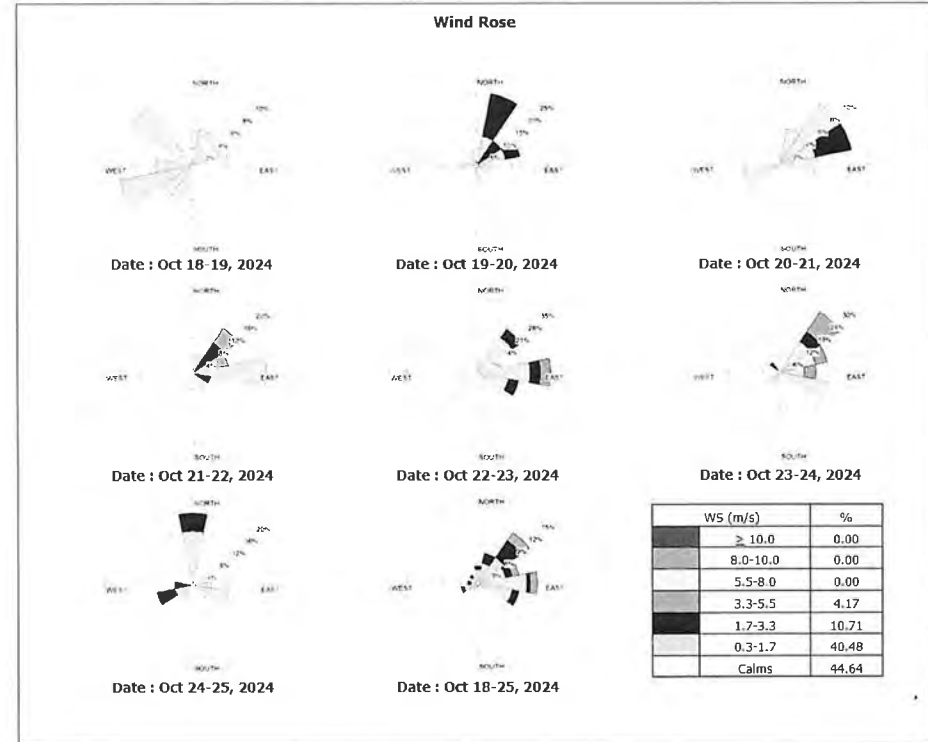
Lot ID: 2473606

Date Received : Oct 29, 2024

Date Reported : Nov 05, 2024

Report Number :3037264-1

Page 2 of 2



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Approve

Assistant General Manager

ADDRESS 104 Phatthanakan 40, Phatthanakan Rd., Khwaeng Phatthanakan, Khet Suan Luang, Bangkok 10250 Thailand | TEL: +66 0 2760 3000 | FAX: +66 0 2760 3197
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Analysis / Test Report



TESTING
No.0009

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh,
Saraburi Thailand 18260

P/O :

Project Name : Saraburi Factory Plant

Project Location :

Lot ID: 2473662

Date Received : Sep 04, 2024

Date Reported : Sep 10, 2024

Report Number: 3037450-1

Page 1 of 1

Sample Description	Air Quality				
Location	วัดหนองจอก (GPS 47P 0731396, 1624428)				
Date Analysis Commenced	Sep 05, 2024				
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)
2473662-1	Aug 23 - Aug 24, 2024	0.062	0.028	747	33
2473662-2	Aug 24 - Aug 25, 2024	0.054	0.026	747	33
2473662-3	Aug 25 - Aug 26, 2024	0.075	0.032	747	32
2473662-4	Aug 26 - Aug 27, 2024	0.067	0.030	747	32
2473662-5	Aug 27 - Aug 28, 2024	0.040	0.033	747	31
2473662-6	Aug 28 - Aug 29, 2024	0.069	0.026	747	32
2473662-7	Aug 29 - Aug 30, 2024	0.082	0.031	747	32

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 : Prommee Sripatnet

Remark :

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

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. No part of this report 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.

Scientist (3)

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S:\Reports_Air Ambient\7Days rpt (12 20PM)



Analysis / Test Report

Client : Siam City Cement Public Company Limited

99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh, Saraburi
Thailand 18260

P/O :

Project Name : Saraburi Factory Plant

Project Location :

Lot ID: 2473628

Date Received : Sep 04, 2024

Date Reported : Sep 09, 2024

Report Number: 3037383-1

Page 1 of 1

Sample Description	Air Quality						
Location	วัดหนองจอก (GPS 47P 0731396, 1624428)						
Parameter	Nitrogen dioxide (ppm)						
Measurement Date	Aug 23, 2024 - Aug 30, 2024						
Measurement by	Prommee Sripatnet						

	2473628-1 Aug 23, 2024	2473628-2 Aug 24, 2024	2473628-3 Aug 25, 2024	2473628-4 Aug 26, 2024	2473628-5 Aug 27, 2024	2473628-6 Aug 28, 2024	2473628-7 Aug 29, 2024
Time							
09:00 AM - 10:00 AM	0.007	0.008	0.003	0.013	0.008	0.012	0.005
10:00 AM - 11:00 AM	0.008	0.009	0.005	0.016	0.005	0.014	0.005
11:00 AM - 12:00 PM	0.011	0.009	0.009	0.011	0.007	0.011	0.005
12:00 PM - 01:00 PM	0.006	0.011	0.009	0.011	0.004	0.009	0.010
01:00 PM - 02:00 PM	0.008	0.014	0.014	0.010	0.005	0.014	0.013
02:00 PM - 03:00 PM	0.019	0.009	0.015	0.006	0.006	0.013	0.004
03:00 PM - 04:00 PM	0.013	0.014	0.018	0.004	0.006	0.013	0.004
04:00 PM - 05:00 PM	0.005	0.013	0.014	0.005	0.006	0.009	0.004
05:00 PM - 06:00 PM	0.005	0.008	0.009	0.007	0.004	0.004	0.003
06:00 PM - 07:00 PM	0.004	0.012	0.010	0.010	0.005	0.006	0.005
07:00 PM - 08:00 PM	0.003	0.010	0.008	0.004	0.004	0.003	0.005
08:00 PM - 09:00 PM	0.003	0.004	0.005	0.003	0.004	0.004	0.005
09:00 PM - 10:00 PM	0.009	0.010	0.003	0.004	0.003	0.004	0.010
10:00 PM - 11:00 PM	0.007	0.004	0.004	0.004	0.003	0.009	0.017
11:00 PM - 12:00 AM	0.007	0.011	0.016	0.003	0.003	0.010	0.015
12:00 AM - 01:00 AM	0.006	0.006	0.010	0.004	0.012	0.010	0.017
01:00 AM - 02:00 AM	0.005	0.004	0.006	0.003	0.003	0.008	0.012
02:00 AM - 03:00 AM	0.005	0.004	0.005	0.010	0.012	0.006	0.014
03:00 AM - 04:00 AM	0.005	0.002	0.004	0.005	0.013	0.005	0.009
04:00 AM - 05:00 AM	0.007	0.002	0.002	0.018	0.010	0.003	0.006
05:00 AM - 06:00 AM	0.006	0.002	0.002	0.006	0.009	0.004	0.012
06:00 AM - 07:00 AM	0.005	0.002	0.002	0.005	0.007	0.003	0.012
07:00 AM - 08:00 AM	0.007	0.003	0.004	0.005	0.008	0.004	0.010
08:00 AM - 09:00 AM	0.008	0.004	0.009	0.006	0.010	0.005	0.011
Average	0.007	0.007	0.008	0.007	0.007	0.008	0.009
1hr - Maximum	0.019	0.014	0.018	0.018	0.013	0.014	0.017
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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Approved

Saranya Chalermthamrong
Scientist (4)

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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S:\Reports_Air SOx NOx rpt (9:43AM)



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :

Project Name : Saraburi Factory Plant

Project Location :

Lot ID: 2473648

Date Received : Sep 04, 2024

Date Reported : Sep 09, 2024

Report Number: 3037418-1

Page 1 of 1

Sample Description	Air Quality						
Location	วัดชัยมงคล (GPS 47P 0731396, 1624428)						
Parameter	Sulfur Dioxide (ppm)						
Measurement Date	Aug 23, 2024 - Aug 30, 2024						
Measurement by	Prommee Sripatnet						
Time	2473648-1 Aug 23, 2024	2473648-2 Aug 24, 2024	2473648-3 Aug 25, 2024	2473648-4 Aug 26, 2024	2473648-5 Aug 27, 2024	2473648-6 Aug 28, 2024	2473648-7 Aug 29, 2024
10:00 AM - 11:00 AM	0.002	0.002	0.002	0.002	0.002	0.002	0.003
11:00 AM - 12:00 PM	0.001	0.001	0.002	0.003	0.002	0.002	0.002
12:00 PM - 01:00 PM	0.002	0.001	0.002	0.002	0.002	0.002	0.002
01:00 PM - 02:00 PM	0.002	0.001	0.003	0.003	0.002	0.002	0.002
02:00 PM - 03:00 PM	0.002	0.001	0.004	0.003	0.001	0.002	0.001
03:00 PM - 04:00 PM	0.002	0.002	0.003	0.002	0.002	0.001	0.002
04:00 PM - 05:00 PM	0.002	0.001	0.002	0.003	0.002	0.002	0.002
05:00 PM - 06:00 PM	0.001	0.002	0.002	0.002	0.001	0.002	0.002
06:00 PM - 07:00 PM	0.002	0.002	0.002	0.002	0.002	0.002	0.002
07:00 PM - 08:00 PM	0.002	0.002	0.002	0.002	0.002	0.002	0.001
08:00 PM - 09:00 PM	0.002	0.002	0.002	0.002	0.002	0.001	0.002
09:00 PM - 10:00 PM	0.002	0.002	0.002	0.002	0.002	0.002	0.002
10:00 PM - 11:00 PM	0.002	0.002	0.002	0.002	0.002	0.002	0.002
11:00 PM - 12:00 AM	0.002	0.002	0.002	0.002	0.002	0.002	0.002
12:00 AM - 01:00 AM	0.002	0.002	0.003	0.002	0.002	0.002	0.003
01:00 AM - 02:00 AM	0.002	0.002	0.002	0.002	0.002	0.002	0.003
02:00 AM - 03:00 AM	0.002	0.001	0.002	0.002	0.001	0.002	0.002
03:00 AM - 04:00 AM	0.002	0.002	0.002	0.001	0.002	0.002	0.002
04:00 AM - 05:00 AM	0.002	0.002	0.002	0.002	0.002	0.002	0.002
05:00 AM - 06:00 AM	0.002	0.002	0.002	0.001	0.002	0.002	0.003
06:00 AM - 07:00 AM	0.003	0.002	0.002	0.002	0.002	0.002	0.002
07:00 AM - 08:00 AM	0.003	0.002	0.003	0.003	0.002	0.002	0.002
08:00 AM - 09:00 AM	0.003	0.004	0.002	0.003	0.002	0.002	0.002
09:00 AM - 10:00 AM	0.003	0.003	0.003	0.003	0.002	0.002	0.002
Average	0.002	0.002	0.002	0.002	0.002	0.002	0.002
1hr - Maximum	0.003	0.004	0.004	0.003	0.003	0.002	0.003
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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Saranya Chalermthamrong
Scientist (4)

ADDRESS 104 Phatthanakan 40, Phatthanakan Rd., Khwaeng Phatthanakan, Khet Suan Luang, Bangkok 10250 Thailand TEL: +66 0 2760 3000 FAX: +66 0 2760 3197
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S:\Reports\Air SOxNOx rpt (9 46AM)



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :

Project Name : Saraburi Factory Plant

Project Location :

Lot ID: 2473607

Date Received : Sep 04, 2024

Date Reported : Sep 11, 2024

Report Number : 3037268-1

Page 1 of 2

Sample Number : 2473607-1 to 7
Parameter : Wind Speed / Wind Direction
Location : วัดชัยมงคล (GPS 47P 0731396, 1624428)
Sampling Date : Aug 23 - Aug 30, 2024
Sampling by : Prommee Sripatnet

Time	Aug 23 - Aug 24, 2024		Aug 24 - Aug 25, 2024		Aug 25 - Aug 26, 2024		Aug 26 - Aug 27, 2024		Aug 27 - Aug 28, 2024		Aug 28 - Aug 29, 2024		Aug 29 - Aug 30, 2024	
	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	0.2	-	0.9	241.0 WSW	1.2	192.0 SSW	0.0	-	0.7	278.0 W	0.0	-	0.5	194.0 SSW
11:00 AM - 12:00 PM	0.0	-	0.0	-	0.5	285.0 WNW	0.0	-	1.5	220.0 SW	0.3	356.0 N	0.9	226.0 SW
12:00 PM - 01:00 PM	1.1	351.0 N	1.7	231.0 SW	0.0	-	0.8	229.0 SW	0.0	-	0.0	-	0.1	-
01:00 PM - 02:00 PM	0.0	-	0.5	335.0 NNW	0.0	-	1.1	233.0 SW	0.0	-	0.0	-	0.0	-
02:00 PM - 03:00 PM	1.2	359.0 N	0.0	-	0.0	-	0.5	225.0 SW	0.7	267.0 W	0.0	-	0.0	-
03:00 PM - 04:00 PM	0.0	-	0.4	221.0 SW	0.0	-	0.0	-	2.4	217.0 SW	0.0	-	0.0	-
04:00 PM - 05:00 PM	0.6	228.0 SW	1.3	313.0 NW	0.0	-	0.0	-	0.0	-	0.8	159.0 SSE	0.0	-
05:00 PM - 06:00 PM	0.4	171.0 S	0.6	206.0 SSW	0.0	-	0.0	-	0.0	-	1.4	273.0 W	0.0	-
06:00 PM - 07:00 PM	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	2.3	207.0 SSW
07:00 PM - 08:00 PM	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-
08:00 PM - 09:00 PM	0.0	-	0.4	153.0 SSE	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-
09:00 PM - 10:00 PM	1.6	28.0 NNE	0.8	13.0 NNE	0.0	-	0.0	-	0.5	215.0 SW	0.2	-	0.0	-
10:00 PM - 11:00 PM	0.3	31.0 NNE	0.0	-	0.3	350.0 N	0.0	-	0.0	-	0.0	-	0.0	-
11:00 PM - 12:00 AM	0.6	232.0 SW	0.0	-	0.6	212.0 SSW	0.0	-	0.0	-	0.0	-	0.0	-
12:00 AM - 01:00 AM	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-
01:00 AM - 02:00 AM	0.0	-	0.0	-	0.0	-	0.4	234.0 SW	0.0	-	0.0	-	0.5	327.0 NNW
02:00 AM - 03:00 AM	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-
03:00 AM - 04:00 AM	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-
04:00 AM - 05:00 AM	0.8	16.0 NNE	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-
05:00 AM - 06:00 AM	2.4	119.0 ESE	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-
06:00 AM - 07:00 AM	0.0	-	0.0	-	1.4	297.0 WNW	0.0	-	0.0	-	0.3	218.0 SW	0.9	214.0 SW
07:00 AM - 08:00 AM	0.0	-	0.8	182.0 S	0.8	338.0 NNW	0.1	-	2.3	211.0 SSW	0.7	235.0 SW	3.4	201.0 SSW
08:00 AM - 09:00 AM	0.5	350.0 N	0.4	283.0 WNW	1.2	216.0 SW	1.1	219.0 SW	0.6	279.0 W	0.8	275.0 W	0.8	281.0 W
09:00 AM - 10:00 AM	0.0	-	0.3	212.0 SSW	0.9	346.0 NNW	0.6	302.0 WNW	0.1	-	0.7	197.0 SSW	0.0	-

Reference Method : Cup Anemometer & Anodized Aluminium Vane Method

The above results are valid only for the test parameters 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. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

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Analysis / Test Report

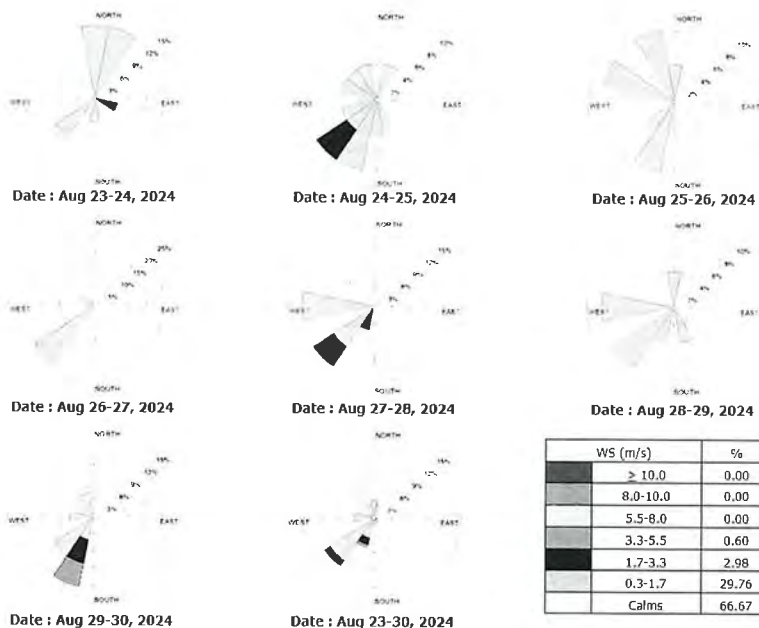
Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhol, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2473607
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report Number : 3037268-1

Page 2 of 2

Wind Rose



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Assistant General Manager

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhol,
Saraburi Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :



TESTING
No.0009

Lot ID: 2473663
Date Received : Aug 16, 2024
Date Reported : Aug 26, 2024
Report Number: 3037451-1

Page 1 of 1

Sample Description Air Quality
Location วัดท่าเสา (GPS 47P 0725385, 1625968)
Date Analysis Commenced Aug 20, 2024
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)
2473663-1	Aug 06 - Aug 07, 2024	0.035	0.030	753	34
2473663-2	Aug 07 - Aug 08, 2024	0.041	0.028	753	33
2473663-3	Aug 08 - Aug 09, 2024	0.042	0.031	753	35
2473663-4	Aug 09 - Aug 10, 2024	0.056	0.036	753	34
2473663-5	Aug 10 - Aug 11, 2024	0.058	0.034	753	34
2473663-6	Aug 11 - Aug 12, 2024	0.051	0.031	753	34
2473663-7	Aug 12 - Aug 13, 2024	0.053	0.034	753	33
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 : Teeravut Sukdee

Remark :

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

Approved by

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. No part of this report 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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S:\Reports\Air Ambient\7Days rpt (@ 23AM)



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2473629
Date Received : Aug 16, 2024
Date Reported : Aug 21, 2024
Report Number: 3037384-1

Page 1 of 1

Sample Description	Air Quality						
Location	วัดท่าเสา (GPS 47P 0725385, 1625968)						
Parameter	Nitrogen dioxide (ppm)						
Measurement Date	Aug 06, 2024 - Aug 13, 2024						
Measurement by	Teeravut Sukdee						
	2473629-1	2473629-2	2473629-3	2473629-4	2473629-5	2473629-6	2473629-7
Time	Aug 06, 2024	Aug 07, 2024	Aug 08, 2024	Aug 09, 2024	Aug 10, 2024	Aug 11, 2024	Aug 12, 2024
12:00 PM - 01:00 PM	0.007	0.012	0.005	0.003	0.004	0.004	0.003
01:00 PM - 02:00 PM	0.007	0.008	0.006	0.003	0.005	0.004	0.003
02:00 PM - 03:00 PM	0.006	0.010	0.006	0.011	0.008	0.004	0.003
03:00 PM - 04:00 PM	0.007	0.010	0.010	0.010	0.010	0.004	0.002
04:00 PM - 05:00 PM	0.004	0.011	0.010	0.005	0.006	0.003	0.005
05:00 PM - 06:00 PM	0.004	0.014	0.011	0.003	0.006	0.004	0.004
06:00 PM - 07:00 PM	0.008	0.015	0.013	0.003	0.013	0.004	0.004
07:00 PM - 08:00 PM	0.006	0.011	0.013	0.007	0.016	0.003	0.003
08:00 PM - 09:00 PM	0.007	0.008	0.012	0.007	0.007	0.003	0.003
09:00 PM - 10:00 PM	0.007	0.008	0.012	0.003	0.009	0.004	0.002
10:00 PM - 11:00 PM	0.008	0.010	0.009	0.003	0.005	0.005	0.006
11:00 PM - 12:00 AM	0.007	0.011	0.010	0.004	0.007	0.003	0.007
12:00 AM - 01:00 AM	0.008	0.007	0.008	0.003	0.006	0.003	0.007
01:00 AM - 02:00 AM	0.008	0.004	0.009	0.005	0.006	0.003	0.006
02:00 AM - 03:00 AM	0.013	0.005	0.010	0.004	0.004	0.003	0.005
03:00 AM - 04:00 AM	0.013	0.006	0.006	0.005	0.003	0.007	0.006
04:00 AM - 05:00 AM	0.015	0.012	0.006	0.004	0.009	0.006	0.007
05:00 AM - 06:00 AM	0.007	0.013	0.005	0.004	0.009	0.004	0.006
06:00 AM - 07:00 AM	0.007	0.018	0.004	0.004	0.005	0.006	0.006
07:00 AM - 08:00 AM	0.008	0.015	0.004	0.004	0.005	0.009	0.007
08:00 AM - 09:00 AM	0.007	0.007	0.004	0.003	0.004	0.006	0.011
09:00 AM - 10:00 AM	0.010	0.005	0.004	0.003	0.004	0.004	0.012
10:00 AM - 11:00 AM	0.012	0.004	0.003	0.004	0.004	0.003	0.004
11:00 AM - 12:00 PM	0.011	0.005	0.003	0.004	0.005	0.002	0.005
Average	0.008	0.010	0.008	0.005	0.007	0.004	0.005
1hr - Maximum	0.015	0.018	0.013	0.011	0.016	0.009	0.012
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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Orawan Rakyoung
Scientist (3)

ADDRESS 104 Phatthanakan 40, Phatthanakan Rd., Khwaeng Phatthanakan, Khet Suan Luang, Bangkok 10250 Thailand TEL: +66 0 2760 3000 FAX: +66 0 2760 3197
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S:\Reports\Air SOxNOx rpt (9.36AM)



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2473649
Date Received : Aug 16, 2024
Date Reported : Aug 21, 2024
Report Number: 3037419-1

Page 1 of 1

Sample Description	Air Quality						
Location	วัดท่าเสา (GPS 47P 0725385, 1625968)						
Parameter	Sulfur Dioxide (ppm)						
Measurement Date	Aug 06, 2024 - Aug 13, 2024						
Measurement by	Teeravut Sukdee						
	2473649-1	2473649-2	2473649-3	2473649-4	2473649-5	2473649-6	2473649-7
Time	Aug 06, 2024	Aug 07, 2024	Aug 08, 2024	Aug 09, 2024	Aug 10, 2024	Aug 11, 2024	Aug 12, 2024
12:00 PM - 01:00 PM	0.001	0.001	<0.001	<0.001	0.001	0.001	0.001
01:00 PM - 02:00 PM	0.001	0.001	<0.001	0.001	0.001	0.001	0.001
02:00 PM - 03:00 PM	0.001	0.001	<0.001	0.001	0.001	0.001	0.001
03:00 PM - 04:00 PM	0.001	0.001	<0.001	0.001	0.001	0.001	0.001
04:00 PM - 05:00 PM	0.001	0.001	<0.001	0.001	0.001	0.001	0.001
05:00 PM - 06:00 PM	<0.001	0.001	<0.001	0.001	0.001	0.001	0.001
06:00 PM - 07:00 PM	<0.001	<0.001	<0.001	0.001	0.001	0.001	0.001
07:00 PM - 08:00 PM	<0.001	0.001	<0.001	0.001	0.001	0.001	0.001
08:00 PM - 09:00 PM	<0.001	0.001	<0.001	0.001	0.001	0.001	0.001
09:00 PM - 10:00 PM	0.001	0.001	<0.001	0.001	0.001	0.001	0.001
10:00 PM - 11:00 PM	0.002	0.001	0.001	0.001	<0.001	0.001	0.002
11:00 PM - 12:00 AM	0.002	0.001	0.001	0.001	0.001	0.001	0.002
12:00 AM - 01:00 AM	0.002	0.001	0.001	0.001	0.002	0.001	0.002
01:00 AM - 02:00 AM	0.002	0.001	0.001	0.001	0.002	0.001	0.002
02:00 AM - 03:00 AM	0.001	0.001	0.001	0.002	0.002	0.001	0.002
03:00 AM - 04:00 AM	0.001	0.001	0.001	0.001	0.002	0.001	0.002
04:00 AM - 05:00 AM	0.001	0.001	0.001	0.001	0.002	0.001	0.002
05:00 AM - 06:00 AM	0.001	0.001	0.001	0.002	0.002	0.002	0.002
06:00 AM - 07:00 AM	0.001	0.002	0.002	0.002	0.002	0.002	0.002
07:00 AM - 08:00 AM	0.001	0.002	0.002	0.002	0.002	0.002	0.001
08:00 AM - 09:00 AM	0.001	0.001	0.002	0.002	0.002	0.002	0.001
09:00 AM - 10:00 AM	0.001	<0.001	0.001	0.001	0.002	0.002	0.002
10:00 AM - 11:00 AM	0.002	<0.001	0.001	0.001	0.001	0.001	0.001
11:00 AM - 12:00 PM	0.002	<0.001	<0.001	0.001	0.001	0.001	0.001
Average	0.001	0.001	0.001	0.001	0.001	0.001	0.001
1hr - Maximum	0.002	0.002	0.002	0.002	0.002	0.002	0.002
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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Orawan Rakyoung
Scientist (3)

ADDRESS 104 Phatthanakan 40, Phatthanakan Rd., Khwaeng Phatthanakan, Khet Suan Luang, Bangkok 10250 Thailand TEL: +66 0 2760 3000 FAX: +66 0 2760 3197
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S:\Reports\Air SOxNOx rpt (9.36AM)



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2473608
Date Received : Aug 16, 2024
Date Reported : Aug 21, 2024
Report Number :3037286-1

Page 1 of 2

Sample Number : 2473608-1 to 7
Parameter : Wind Speed / Wind Direction
Location : โรงพูน (GPS 47P 0725385, 1625968)
Sampling Date : Aug 06 - Aug 13, 2024
Sampling by : Teeravut Sukdee

Time	Aug 06 - Aug 07, 2024			Aug 07 - Aug 08, 2024			Aug 08 - Aug 09, 2024			Aug 09 - Aug 10, 2024			Aug 10 - Aug 11, 2024			Aug 11 - Aug 12, 2024			Aug 12 - Aug 13, 2024		
	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	1.8	254.0	WSW	0.5	206.0	SSW	3.1	286.0	WNW	2.2	258.0	WSW	2.6	228.0	SW	2.0	238.0	WSW	1.3	229.0	SW
01:00 PM - 02:00 PM	3.1	232.0	SW	1.0	242.0	WSW	0.7	207.0	SSW	1.3	208.0	SSW	2.1	219.0	SW	0.7	256.0	WSW	1.9	241.0	WSW
02:00 PM - 03:00 PM	4.2	176.0	S	1.0	172.0	S	0.0	-	-	2.3	186.0	S	0.9	264.0	W	1.8	275.0	W	1.7	225.0	SW
03:00 PM - 04:00 PM	3.1	255.0	WSW	1.3	209.0	SSW	0.0	-	-	1.4	279.0	W	0.0	-	-	1.3	278.0	W	1.4	240.0	WSW
04:00 PM - 05:00 PM	1.1	213.0	SSW	0.6	169.0	S	0.0	-	-	0.0	-	-	0.8	178.0	S	0.0	-	-	0.0	-	-
05:00 PM - 06:00 PM	0.0	-	-	0.0	-	-	0.7	194.0	SSW	0.3	182.0	S	0.6	182.0	S	0.0	-	-	0.0	-	-
06:00 PM - 07:00 PM	0.0	-	-	4.7	239.0	WSW	0.3	157.0	SSE	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-
07:00 PM - 08:00 PM	0.0	-	-	3.0	230.0	SW	0.0	-	-	0.1	-	-	0.6	173.0	S	0.0	-	-	1.6	243.0	WSW
08:00 PM - 09:00 PM	0.0	-	-	0.6	137.0	SE	0.0	-	-	0.2	-	-	0.0	-	-	2.8	187.0	S	0.6	97.0	E
09:00 PM - 10:00 PM	3.5	259.0	W	0.2	-	-	0.0	-	-	1.7	231.0	SW	2.7	218.0	SW	0.9	94.0	E	1.3	176.0	S
10:00 PM - 11:00 PM	3.6	187.0	S	0.5	172.0	S	0.0	-	-	1.1	178.0	S	1.2	188.0	S	1.2	119.0	ESE	2.6	272.0	W
11:00 PM - 12:00 AM	1.1	219.0	SW	0.6	116.0	ESE	0.0	-	-	1.1	198.0	SSW	0.4	182.0	S	0.3	230.0	SW	0.9	258.0	WSW
12:00 AM - 01:00 AM	1.4	211.0	SSW	0.2	-	-	0.0	-	-	2.1	223.0	SW	0.8	312.0	NW	3.7	187.0	S	3.3	233.0	SW
01:00 AM - 02:00 AM	0.0	-	-	0.2	-	-	0.0	-	-	0.0	-	-	0.0	-	-	1.4	149.0	SSE	0.4	339.0	NW
02:00 AM - 03:00 AM	0.0	-	-	0.3	175.0	S	0.2	-	-	0.0	-	-	0.4	295.0	WNW	1.0	273.0	W	0.3	338.0	NW
03:00 AM - 04:00 AM	0.0	-	-	0.0	-	-	0.1	-	-	3.4	198.0	SSW	0.0	-	-	2.0	195.0	SSW	0.4	204.0	SSW
04:00 AM - 05:00 AM	0.0	-	-	0.5	98.0	E	1.4	214.0	SW	0.0	-	-	0.2	-	-	0.6	185.0	S	0.3	251.0	SW
05:00 AM - 06:00 AM	0.0	-	-	0.0	-	-	2.3	257.0	WSW	0.0	-	-	0.0	-	-	0.5	209.0	SSW	0.0	-	-
06:00 AM - 07:00 AM	0.0	-	-	0.7	350.0	N	2.4	226.0	SW	0.7	193.0	SSW	0.3	183.0	S	2.1	179.0	S	1.7	191.0	S
07:00 AM - 08:00 AM	0.0	-	-	2.3	206.0	SSW	2.6	165.0	SSE	0.7	165.0	SSE	0.6	205.0	SSW	0.2	-	-	2.0	183.0	S
08:00 AM - 09:00 AM	1.4	179.0	S	2.8	247.0	WSW	2.6	216.0	SW	0.9	237.0	WSW	3.1	202.0	SSW	2.5	195.0	SSW	1.3	187.0	S
09:00 AM - 10:00 AM	1.7	201.0	SSW	2.1	267.0	W	0.4	191.0	S	1.7	185.0	S	2.5	253.0	WSW	1.5	193.0	SSW	1.1	193.0	SSW
10:00 AM - 11:00 AM	1.5	300.0	WNW	2.2	298.0	WNW	3.6	204.0	SSW	3.0	250.0	WSW	3.8	256.0	WSW	0.9	272.0	W	5.8	248.0	WSW
11:00 AM - 12:00 PM	1.7	217.0	SW	2.1	294.0	WNW	3.4	251.0	WSW	0.9	229.0	SW	2.6	269.0	W	2.3	176.0	S	1.4	210.0	SSW

Reference Method : Cup Anemometer & Anodized Aluminium Vane Method

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Assistant General Manager

ADDRESS 104 Phatthanakan 40, Phatthanakan Rd., Khwaeng Phatthanakan, Khet Suan Luang, Bangkok 10250 Thailand TEL: +66 0 2760 3000 FAX: +66 0 2760 3197
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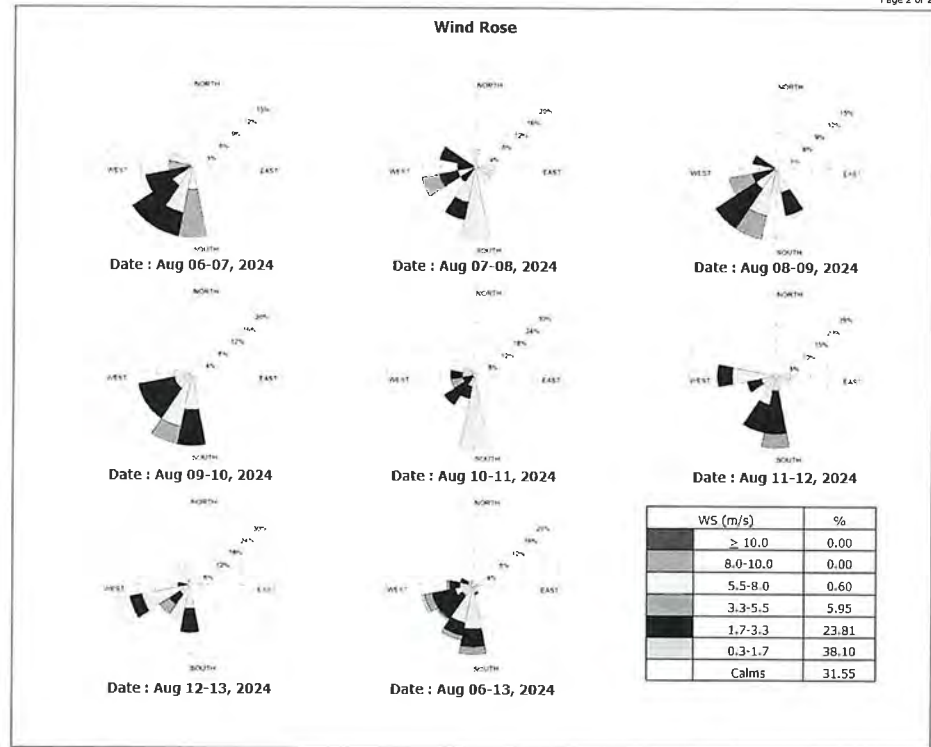
Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2473608
Date Received : Aug 16, 2024
Date Reported : Aug 21, 2024
Report Number :3037286-1

Page 2 of 2



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Approve

Assistant General Manager

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi,
Saraburi Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2473717

Date Received : Jul 05, 2024

Date Reported : Jul 11, 2024

Report Number : 3037453-1

Page 1 of 3

Sample Number 2473717-1
Sampled Date Jul 04, 2024
Sample Description Air Quality
Location บ้านฉางปูนซีเมนต์ (GPS 47P 726308, 1617464)
Date Analysis Commenced Jul 08, 2024
Condition of Sample Drawn into one 6-L Canister

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
1,1,2,2-Tetrachloroethane	04/07/24 - 05/07/24	ug/m3	0.10	0.34	Not Detected	83	Based on US EPA Compendium Method, TO-15	PCD	Rayong
1,2-Dibromoethane	04/07/24 - 05/07/24	ug/m3	0.10	0.38	Not Detected	370	Based on US EPA Compendium Method, TO-15	PCD	Rayong
1,2-Dichloroethane	04/07/24 - 05/07/24	ug/m3	0.07	0.20	<0.20	48	Based on US EPA Compendium Method, TO-15	PCD	Rayong
1,2-Dichloropropane	04/07/24 - 05/07/24	ug/m3	0.08	0.23	Not Detected	82	Based on US EPA Compendium Method, TO-15	PCD	Rayong
1,3-Butadiene	04/07/24 - 05/07/24	ug/m3	0.04	0.11	Not Detected	5.3	Based on US EPA Compendium Method, TO-15	PCD	Rayong
1,4-Dichlorobenzene	04/07/24 - 05/07/24	ug/m3	0.20	0.60	Not Detected	1100	Based on US EPA Compendium Method, TO-15	PCD	Rayong
1,4-Dioxane	04/07/24 - 05/07/24	ug/m3	0.10	0.36	Not Detected	860	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Acetaldehyde	04/07/24 - 05/07/24	ug/m3	0.05	0.18	4.51	860	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Acrolein	04/07/24 - 05/07/24	ug/m3	0.08	0.23	<0.23	0.55	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Acrylonitrile	04/07/24 - 05/07/24	ug/m3	0.07	0.22	Not Detected	10	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Benzene	04/07/24 - 05/07/24	ug/m3	0.05	0.16	0.26	7.6	Based on US EPA Compendium Method, TO-15	PCD	Rayong

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi,
Saraburi Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2473717

Date Received : Jul 05, 2024

Date Reported : Jul 11, 2024

Report Number : 3037453-1

Page 2 of 3

Sample Number 2473717-1
Sampled Date Jul 04, 2024
Sample Description Air Quality
Location บ้านฉางปูนซีเมนต์ (GPS 47P 726308, 1617464)
Date Analysis Commenced Jul 08, 2024
Condition of Sample Drawn into one 6-L Canister

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Benzyl Chloride	04/07/24 - 05/07/24	ug/m3	0.17	0.52	Not Detected	12	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Bromomethane	04/07/24 - 05/07/24	ug/m3	0.06	0.19	0.47	190	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Carbon Disulfide	04/07/24 - 05/07/24	ug/m3	0.05	0.16	Not Detected	100	Based on US EPA Compendium Method, TO-15	NEB	Rayong
Carbon Tetrachloride	04/07/24 - 05/07/24	ug/m3	0.10	0.31	<0.31	150	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Chloroform	04/07/24 - 05/07/24	ug/m3	0.08	0.24	<0.24	57	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Dichloromethane	04/07/24 - 05/07/24	ug/m3	0.06	0.17	<0.17	210	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Tetrachloroethylene	04/07/24 - 05/07/24	ug/m3	0.11	0.34	Not Detected	400	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Trichloroethylene	04/07/24 - 05/07/24	ug/m3	0.09	0.27	Not Detected	130	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Vinyl Chloride	04/07/24 - 05/07/24	ug/m3	0.04	0.13	Not Detected	20	Based on US EPA Compendium Method, TO-15	PCD	Rayong

Guideline :

NEB : Notification of National Environment Board, B.E. 2560 (2017)

PCD : Notification of the Pollution Control Department, which was published in the Royal Government Gazette Vol. 126 Special Part 13 D dated January 27, B.E. 2552 (2009).

Sampled By : Winyou Boontana

Approved by

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh,
Saraburi Thailand 18260

P/O :

Project Name : Saraburi Factory Plant

Project Location :

Lot ID: 2473717

Date Received : Jul 05, 2024

Date Reported : Jul 11, 2024

Report Number : 3037453-1

Remark :

- LOD : Limit of Detection

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

Page 3 of 3



Analysis / Test Report

Client : Siam City Cement Public Company Limited

99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh, Saraburi
Thailand 18260

P/O :

Project Name : Saraburi Factory Plant

Project Location :

Lot ID: 2473718

Date Received : Jul 05, 2024

Date Reported : Jul 12, 2024

Report Number : 3037454-1

Page 1 of 2

Sample Number 2473718-1

Parameter Wind Speed / Wind Direction

Location บ้านฉางปูนซีเมนต์ (GPS 47P 0726308, 1617464)

Sampling Date Jul 04 - Jul 05, 2024

Sampling by Winyou Boontana

Time	Jul 04 - Jul 05, 2024																			
	WS (m/s)	WD (deg)																		
10:00 AM - 11:00 AM	2.6	163.0	SSE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11:00 AM - 12:00 PM	2.8	236.0	SW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12:00 PM - 01:00 PM	2.4	208.0	SSW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
01:00 PM - 02:00 PM	2.6	265.0	W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
02:00 PM - 03:00 PM	1.9	208.0	SSW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
03:00 PM - 04:00 PM	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
04:00 PM - 05:00 PM	1.6	213.0	SSW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
05:00 PM - 06:00 PM	1.3	246.0	WSW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
06:00 PM - 07:00 PM	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
07:00 PM - 08:00 PM	0.9	211.0	SSW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
08:00 PM - 09:00 PM	0.3	214.0	SW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
09:00 PM - 10:00 PM	2.2	293.0	WNW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:00 PM - 11:00 PM	0.6	240.0	WSW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11:00 PM - 12:00 AM	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12:00 AM - 01:00 AM	2.3	227.0	SW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
01:00 AM - 02:00 AM	2.1	238.0	WSW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
02:00 AM - 03:00 AM	2.3	261.0	W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
03:00 AM - 04:00 AM	1.9	157.0	SSE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
04:00 AM - 05:00 AM	1.8	268.0	W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
05:00 AM - 06:00 AM	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
06:00 AM - 07:00 AM	1.3	260.0	W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
07:00 AM - 08:00 AM	2.1	233.0	SW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
08:00 AM - 09:00 AM	1.3	291.0	WNW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
09:00 AM - 10:00 AM	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Reference Method : Cup Anemometer & Anodized Aluminum Vane Method

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Approved

Signature: General Manager

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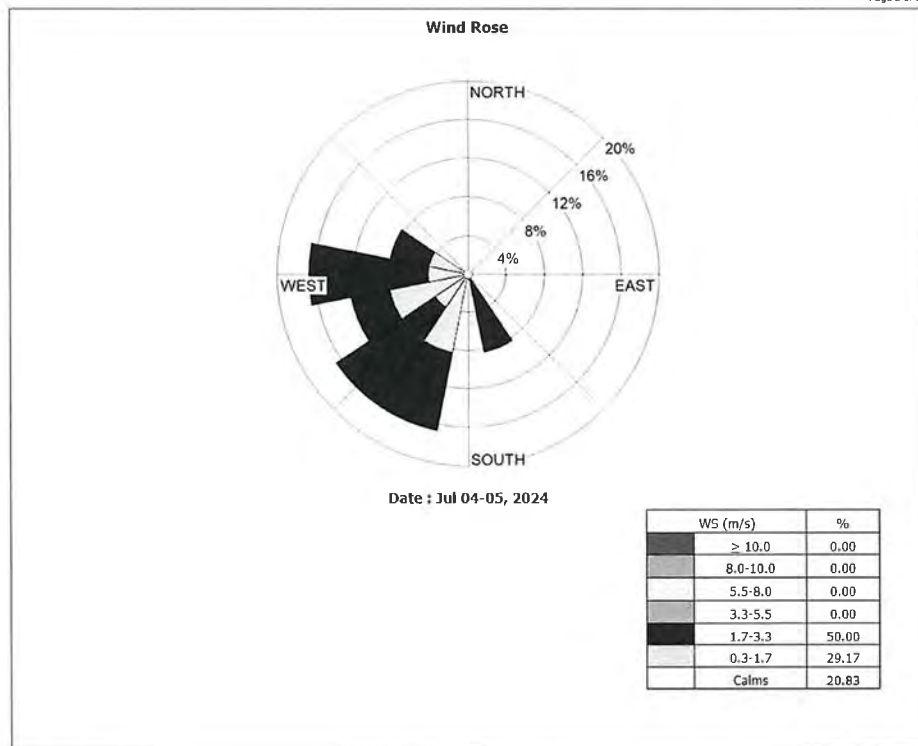
Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2473718
Date Received : Jul 05, 2024
Date Reported : Jul 12, 2024
Report Number : 3037454-1

Page 2 of 2



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Assistant General Manager

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi,
Saraburi Thailand 18260

P/O : _Check
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2487008
Date Received : Aug 09, 2024
Date Reported : Aug 16, 2024
Report Number : 3068415-1

Page 1 of 3

Sample Number	2487008-1
Sampled Date	Aug 08, 2024
Sample Description	Air Quality
Location	บ้านสวนจิตรลดา (GPS 47P 726237, 1617593)
Date Analysis Commenced	Aug 13, 2024
Condition of Sample	Drawn into one 6-L Canister

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
1,1,2,2-Tetrachloroethane	08/08/24 - 09/08/24	ug/m3	0.10	0.34	Not Detected	83	Based on US EPA Compendium Method, TO-15	PCD	Rayong
1,2-Dibromoethane	08/08/24 - 09/08/24	ug/m3	0.10	0.38	Not Detected	370	Based on US EPA Compendium Method, TO-15	PCD	Rayong
1,2-Dichloroethane	08/08/24 - 09/08/24	ug/m3	0.07	0.20	<0.20	48	Based on US EPA Compendium Method, TO-15	PCD	Rayong
1,2-Dichloropropane	08/08/24 - 09/08/24	ug/m3	0.08	0.23	Not Detected	82	Based on US EPA Compendium Method, TO-15	PCD	Rayong
1,3-Butadiene	08/08/24 - 09/08/24	ug/m3	0.04	0.11	<0.11	5.3	Based on US EPA Compendium Method, TO-15	PCD	Rayong
1,4-Dichlorobenzene	08/08/24 - 09/08/24	ug/m3	0.20	0.60	Not Detected	1100	Based on US EPA Compendium Method, TO-15	PCD	Rayong
1,4-Dioxane	08/08/24 - 09/08/24	ug/m3	0.10	0.36	Not Detected	860	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Acetaldehyde	08/08/24 - 09/08/24	ug/m3	0.05	0.18	2.56	860	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Acrolein	08/08/24 - 09/08/24	ug/m3	0.08	0.23	<0.23	0.55	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Acrylonitrile	08/08/24 - 09/08/24	ug/m3	0.07	0.22	Not Detected	10	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Benzene	08/08/24 - 09/08/24	ug/m3	0.05	0.16	0.51	7.6	Based on US EPA Compendium Method, TO-15	PCD	Rayong

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi,
Saraburi Thailand 18260
P/O : _Check
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2487008
Date Received : Aug 09, 2024
Date Reported : Aug 16, 2024
Report Number : 3068415-1

Page 2 of 3

Sample Number : 2487008-1
Sampled Date : Aug 08, 2024
Sample Description : Air Quality
Location : บ้านฉางปูนซีเมนต์ (GPS 47P 726237, 1617593)
Date Analysis Commenced : Aug 13, 2024
Condition of Sample : Drawn into one 6-L Canister

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Benzyl Chloride	08/08/24 - 09/08/24	ug/m3	0.17	0.52	Not Detected	12	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Bromomethane	08/08/24 - 09/08/24	ug/m3	0.06	0.19	0.39	190	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Carbon Disulfide	08/08/24 - 09/08/24	ug/m3	0.05	0.16	0.37	100	Based on US EPA Compendium Method, TO-15	NEB	Rayong
Carbon Tetrachloride	08/08/24 - 09/08/24	ug/m3	0.10	0.31	<0.31	150	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Chloroform	08/08/24 - 09/08/24	ug/m3	0.08	0.24	<0.24	57	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Dichloromethane	08/08/24 - 09/08/24	ug/m3	0.06	0.17	0.28	210	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Tetrachloroethylene	08/08/24 - 09/08/24	ug/m3	0.11	0.34	Not Detected	400	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Trichloroethylene	08/08/24 - 09/08/24	ug/m3	0.09	0.27	Not Detected	130	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Vinyl Chloride	08/08/24 - 09/08/24	ug/m3	0.04	0.13	Not Detected	20	Based on US EPA Compendium Method, TO-15	PCD	Rayong

Guideline :

NEB : Notification of National Environment Board, B.E. 2560 (2017)

PCD : Notification of the Pollution Control Department, which was published in the Royal Government Gazette Vol. 126 Special Part 13 D dated January 27, B.E. 2552 (2009).

Sampled By : Ritthichai Phraibuang

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi,
Saraburi Thailand 18260
P/O : _Check
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2487008
Date Received : Aug 09, 2024
Date Reported : Aug 16, 2024
Report Number : 3068415-1

Page 3 of 3

Remark :

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

Approved by

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Analysis / Test Report

Client : Slam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O : _Check

Project Name : Saraburi Factory Plant

Project Location :

Lot ID: 2487009

Date Received : Aug 09, 2024

Date Reported : Aug 14, 2024

Report Number :3068417-1

Page 1 of 2

Sample Number : 2487009-1
Parameter : Wind Speed / Wind Direction
Location : บ้านธำมรงค์วัด (GPS 47P 0726237, 1617593)
Sampling Date : Aug 08 - Aug 09, 2024
Sampling by : Ritthichai Phraibueang

Time	Aug 08 - Aug 09, 2024																	
	WS (m/s)	WD (deg)																
01:00 PM - 02:00 PM	1.2	202.0	SSW	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00 PM - 03:00 PM	1.9	199.0	SSW	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00 PM - 04:00 PM	0.9	172.0	S	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00 PM - 05:00 PM	0.5	188.0	S	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00 PM - 06:00 PM	0.9	145.0	SE	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00 PM - 07:00 PM	0.0	-	-	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00 PM - 08:00 PM	0.1	-	-	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00 PM - 09:00 PM	0.2	-	-	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00 PM - 10:00 PM	0.0	-	-	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00 PM - 11:00 PM	0.3	52.0	NE	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00 PM - 12:00 AM	0.2	-	-	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12:00 AM - 01:00 AM	0.1	-	-	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00 AM - 02:00 AM	0.2	-	-	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00 AM - 03:00 AM	0.0	-	-	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00 AM - 04:00 AM	1.2	181.0	S	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00 AM - 05:00 AM	0.6	172.0	S	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00 AM - 06:00 AM	1.3	274.0	W	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00 AM - 07:00 AM	3.1	166.0	SSE	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00 AM - 08:00 AM	2.4	222.0	SW	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00 AM - 09:00 AM	1.0	200.0	SSW	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00 AM - 10:00 AM	2.4	169.0	S	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00 AM - 11:00 AM	1.4	169.0	S	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00 AM - 12:00 PM	2.8	160.0	SSE	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12:00 PM - 01:00 PM	1.0	150.0	SSE	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

Reference Method : Cup Anemometer & Anodized Aluminium Vane Method

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Assistant General Manager

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Analysis / Test Report

Client : Slam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O : _Check

Project Name : Saraburi Factory Plant

Project Location :

Lot ID: 2487009

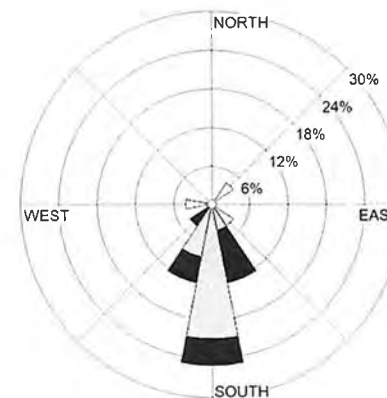
Date Received : Aug 09, 2024

Date Reported : Aug 14, 2024

Report Number :3068417-1

Page 2 of 2

Wind Rose



Date : Aug 08-09, 2024

WS (m/s)	%
> 10.0	0.00
8.0-10.0	0.00
5.5-8.0	0.00
3.3-5.5	0.00
1.7-3.3	20.83
0.3-1.7	45.83
Calms	33.33

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Assistant General Manager

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh,
Saraburi Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494211

Date Received : Sep 09, 2024
Date Reported : Sep 13, 2024
Report Number : 3084402-1

Page 1 of 3

Sample Number 2494211-1
Sampled Date Sep 06, 2024
Sample Description Air Quality
Location บ้านฉางนกไข่ (GPS 47P 726237, 1617593)
Date Analysis Commenced Sep 10, 2024
Condition of Sample Drawn into one 6-L Canister

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
1,1,2,2-Tetrachloroethane	06/09/24 - 07/09/24	ug/m3	0.10	0.34	Not Detected	83	Based on US EPA Compendium Method, TO-15	PCD	Rayong
1,2-Dibromoethane	06/09/24 - 07/09/24	ug/m3	0.10	0.38	Not Detected	370	Based on US EPA Compendium Method, TO-15	PCD	Rayong
1,2-Dichloroethane	06/09/24 - 07/09/24	ug/m3	0.07	0.20	Not Detected	48	Based on US EPA Compendium Method, TO-15	PCD	Rayong
1,2-Dichloropropane	06/09/24 - 07/09/24	ug/m3	0.08	0.23	Not Detected	82	Based on US EPA Compendium Method, TO-15	PCD	Rayong
1,3-Butadiene	06/09/24 - 07/09/24	ug/m3	0.04	0.11	<0.11	5.3	Based on US EPA Compendium Method, TO-15	PCD	Rayong
1,4-Dichlorobenzene	06/09/24 - 07/09/24	ug/m3	0.20	0.60	Not Detected	1100	Based on US EPA Compendium Method, TO-15	PCD	Rayong
1,4-Dioxane	06/09/24 - 07/09/24	ug/m3	0.10	0.36	Not Detected	860	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Acetaldehyde	06/09/24 - 07/09/24	ug/m3	0.05	0.18	8.95	860	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Acrolein	06/09/24 - 07/09/24	ug/m3	0.08	0.23	<0.23	0.55	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Acrylonitrile	06/09/24 - 07/09/24	ug/m3	0.07	0.22	Not Detected	10	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Benzene	06/09/24 - 07/09/24	ug/m3	0.05	0.16	0.32	7.6	Based on US EPA Compendium Method, TO-15	PCD	Rayong

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh,
Saraburi Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494211

Date Received : Sep 09, 2024
Date Reported : Sep 13, 2024
Report Number : 3084402-1

Page 2 of 3

Sample Number 2494211-1
Sampled Date Sep 06, 2024
Sample Description Air Quality
Location บ้านฉางนกไข่ (GPS 47P 726237, 1617593)
Date Analysis Commenced Sep 10, 2024
Condition of Sample Drawn into one 6-L Canister

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Benzyl Chloride	06/09/24 - 07/09/24	ug/m3	0.17	0.52	Not Detected	12	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Bromomethane	06/09/24 - 07/09/24	ug/m3	0.06	0.19	0.54	190	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Carbon Disulfide	06/09/24 - 07/09/24	ug/m3	0.05	0.16	0.19	100	Based on US EPA Compendium Method, TO-15	NEB	Rayong
Carbon Tetrachloride	06/09/24 - 07/09/24	ug/m3	0.10	0.31	<0.31	150	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Chloroform	06/09/24 - 07/09/24	ug/m3	0.08	0.24	<0.24	57	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Dichloromethane	06/09/24 - 07/09/24	ug/m3	0.06	0.17	<0.17	210	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Tetrachloroethylene	06/09/24 - 07/09/24	ug/m3	0.11	0.34	Not Detected	400	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Trichloroethylene	06/09/24 - 07/09/24	ug/m3	0.09	0.27	Not Detected	130	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Vinyl Chloride	06/09/24 - 07/09/24	ug/m3	0.04	0.13	Not Detected	20	Based on US EPA Compendium Method, TO-15	PCD	Rayong

Guideline :

NEB : Notification of National Environment Board, B.E. 2560 (2017)

PCD : Notification of the Pollution Control Department, which was published in the Royal Government Gazette Vol. 126 Special Part 13 D dated January 27, B.E. 2552 (2009).

Sampled By : Prommee Sripatnet

Approved by

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi,
Saraburi Thailand 18260

P/O :

Project Name : Saraburi Factory Plant

Project Location :

Lot ID: 2494211

Date Received : Sep 09, 2024

Date Reported : Sep 13, 2024

Report Number : 3084402-1

Remark :

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

Page 3 of 3

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :

Project Name : Saraburi Factory Plant

Project Location :

Lot ID: 2494222

Date Received : Sep 07, 2024

Date Reported : Sep 16, 2024

Report Number : 3084405-1

Page 1 of 2

Sample Number 2494222-1

Parameter Wind Speed / Wind Direction

Location บ้านฉนวนวัดต (GPS 47P 0726237, 1617593)

Sampling Date Sep 06 - Sep 07, 2024

Sampling by Prommee Sripatnet

Time	Sep 06 - Sep 07, 2024																	
	WS (m/s)	WD (deg)																
10:00 AM - 11:00 AM	1.0	249.0	WSW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11:00 AM - 12:00 PM	1.4	215.0	SW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12:00 PM - 01:00 PM	1.5	238.0	WSW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
01:00 PM - 02:00 PM	0.6	272.0	W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
02:00 PM - 03:00 PM	1.3	271.0	W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
03:00 PM - 04:00 PM	1.0	278.0	W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
04:00 PM - 05:00 PM	2.5	197.0	SSW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
05:00 PM - 06:00 PM	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
06:00 PM - 07:00 PM	1.6	209.0	SSW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
07:00 PM - 08:00 PM	2.3	229.0	SW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
08:00 PM - 09:00 PM	1.9	213.0	SSW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
09:00 PM - 10:00 PM	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:00 PM - 11:00 PM	3.7	156.0	SSE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11:00 PM - 12:00 AM	3.0	155.0	SSE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12:00 AM - 01:00 AM	2.1	210.0	SSW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
01:00 AM - 02:00 AM	2.4	185.0	S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
02:00 AM - 03:00 AM	3.3	195.0	SSW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
03:00 AM - 04:00 AM	1.2	172.0	S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
04:00 AM - 05:00 AM	1.4	235.0	SW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
05:00 AM - 06:00 AM	2.2	246.0	WSW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
06:00 AM - 07:00 AM	1.6	201.0	SSW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
07:00 AM - 08:00 AM	1.7	193.0	SSW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
08:00 AM - 09:00 AM	2.5	216.0	SW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
09:00 AM - 10:00 AM	2.0	194.0	SSW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Reference Method : Cup Anemometer & Anodized Aluminium Vane Method

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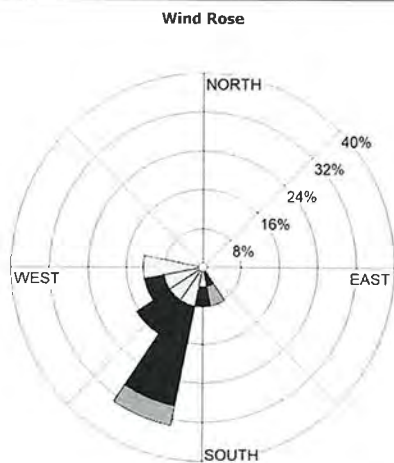
Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494222
Date Received : Sep 07, 2024
Date Reported : Sep 16, 2024
Report Number : 3084405-1

Page 2 of 2



Date : Sep 06-07, 2024

WS (m/s)	%
> 10.0	0.00
8.0-10.0	0.00
5.5-8.0	0.00
3.3-5.5	8.33
1.7-3.3	41.67
0.3-1.7	41.67
Calms	8.33

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Assistant General Manager

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi,
Saraburi Thailand 18260

P/O : 4100119854
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 24111135
Date Received : Oct 08, 2024
Date Reported : Oct 18, 2024
Report Number : 3121039-1

Page 1 of 3

Sample Number	24111135-1
Sampled Date	Oct 07, 2024
Sample Description	Air Quality
Location	บ้านสวนบึงคอก (GPS 47P 726237, 1617593)
Date Analysis Commenced	Oct 09, 2024
Condition of Sample	Drawn into one 6-L Canister

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
1,1,2,2-Tetrachloroethane	07/10/24 - 08/10/24	ug/m3	0.10	0.34	1.37	83	Based on US EPA Compendium Method, TO-15	PCD	Rayong
1,2-Dibromoethane	07/10/24 - 08/10/24	ug/m3	0.10	0.38	0.77	370	Based on US EPA Compendium Method, TO-15	PCD	Rayong
1,2-Dichloroethane	07/10/24 - 08/10/24	ug/m3	0.07	0.20	0.24	48	Based on US EPA Compendium Method, TO-15	PCD	Rayong
1,2-Dichloropropane	07/10/24 - 08/10/24	ug/m3	0.08	0.23	0.55	82	Based on US EPA Compendium Method, TO-15	PCD	Rayong
1,3-Butadiene	07/10/24 - 08/10/24	ug/m3	0.04	0.11	<0.11	5.3	Based on US EPA Compendium Method, TO-15	PCD	Rayong
1,4-Dichlorobenzene	07/10/24 - 08/10/24	ug/m3	0.20	0.60	3.49	1100	Based on US EPA Compendium Method, TO-15	PCD	Rayong
1,4-Dioxane	07/10/24 - 08/10/24	ug/m3	0.10	0.36	<0.36	860	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Acetaldehyde	07/10/24 - 08/10/24	ug/m3	0.05	0.18	<0.18	860	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Acrolein	07/10/24 - 08/10/24	ug/m3	0.08	0.23	<0.23	0.55	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Acrylonitrile	07/10/24 - 08/10/24	ug/m3	0.07	0.22	0.48	10	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Benzene	07/10/24 - 08/10/24	ug/m3	0.05	0.16	1.73	7.6	Based on US EPA Compendium Method, TO-15	PCD	Rayong

Approved by

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi,
Saraburi Thailand 18260
P/O : 4100119854
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 24111135
Date Received : Oct 08, 2024
Date Reported : Oct 18, 2024
Report Number : 3121039-1

Page 2 of 3

Sample Number 24111135-1
Sampled Date Oct 07, 2024
Sample Description Air Quality
Location บ้านสวนเกษตร (GPS 47P 726237, 1617593)
Date Analysis Commenced Oct 09, 2024
Condition of Sample Drawn into one 6-L Canister

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Benzyl Chloride	07/10/24 - 08/10/24	ug/m3	0.17	0.52	2.07	12	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Bromomethane	07/10/24 - 08/10/24	ug/m3	0.06	0.19	0.39	190	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Carbon Disulfide	07/10/24 - 08/10/24	ug/m3	0.05	0.16	0.31	100	Based on US EPA Compendium Method, TO-15	NEB	Rayong
Carbon Tetrachloride	07/10/24 - 08/10/24	ug/m3	0.10	0.31	<0.31	150	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Chloroform	07/10/24 - 08/10/24	ug/m3	0.08	0.24	0.29	57	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Dichloromethane	07/10/24 - 08/10/24	ug/m3	0.06	0.17	0.56	210	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Tetrachloroethylene	07/10/24 - 08/10/24	ug/m3	0.11	0.34	0.41	400	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Trichloroethylene	07/10/24 - 08/10/24	ug/m3	0.09	0.27	Not Detected	130	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Vinyl Chloride	07/10/24 - 08/10/24	ug/m3	0.04	0.13	<0.13	20	Based on US EPA Compendium Method, TO-15	PCD	Rayong

Guideline :

NEB : Notification of National Environment Board, B.E. 2560 (2017)
PCD : Notification of the Pollution Control Department, which was published in the Royal Government Gazette Vol. 126 Special Part 13 D dated January 27, B.E. 2552 (2009).
Sampled By : Thanesuan Sriwasut

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi,
Saraburi Thailand 18260
P/O : 4100119854
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 24111135
Date Received : Oct 08, 2024
Date Reported : Oct 18, 2024
Report Number : 3121039-1

Page 3 of 3

Remark :

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

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260
P/O : 4100119854
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2411137
Date Received : Oct 08, 2024
Date Reported : Oct 10, 2024
Report Number : 3121040-1

Page 1 of 2

Sample Number 2411137-1
Parameter Wind Speed / Wind Direction
Location ม่วนถาวรจัต (GPS 47P 0726237, 1617593)
Sampling Date Oct 07 - Oct 08, 2024
Sampling by Thanesuan Sriwasut

Time	Oct 07 - Oct 08, 2024															
	WS (m/s)	WD (deg)														
10:00 AM - 11:00 AM	2.2	58.0	ENE													
11:00 AM - 12:00 PM	1.3	16.0	NNE													
12:00 PM - 01:00 PM	2.3	60.0	ENE													
01:00 PM - 02:00 PM	3.8	66.0	ENE													
02:00 PM - 03:00 PM	0.6	3.0	N													
03:00 PM - 04:00 PM	2.9	20.0	NNE													
04:00 PM - 05:00 PM	2.5	85.0	E													
05:00 PM - 06:00 PM	0.5	12.0	NNE													
06:00 PM - 07:00 PM	0.1	-	-													
07:00 PM - 08:00 PM	0.5	74.0	ENE													
08:00 PM - 09:00 PM	1.7	92.0	E													
09:00 PM - 10:00 PM	2.1	29.0	NNE													
10:00 PM - 11:00 PM	0.6	28.0	NNE													
11:00 PM - 12:00 AM	0.7	51.0	NE													
12:00 AM - 01:00 AM	0.3	359.0	N													
01:00 AM - 02:00 AM	0.6	45.0	NE													
02:00 AM - 03:00 AM	0.3	37.0	NE													
03:00 AM - 04:00 AM	0.0	-	-													
04:00 AM - 05:00 AM	1.0	54.0	NE													
05:00 AM - 06:00 AM	4.2	49.0	NE													
06:00 AM - 07:00 AM	2.0	342.0	NNW													
07:00 AM - 08:00 AM	2.4	337.0	NNW													
08:00 AM - 09:00 AM	2.1	18.0	NNE													
09:00 AM - 10:00 AM	0.8	359.0	N													

Reference Method : Cup Anemometer & Anodized Aluminium Vane Method

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Assistant General Manager

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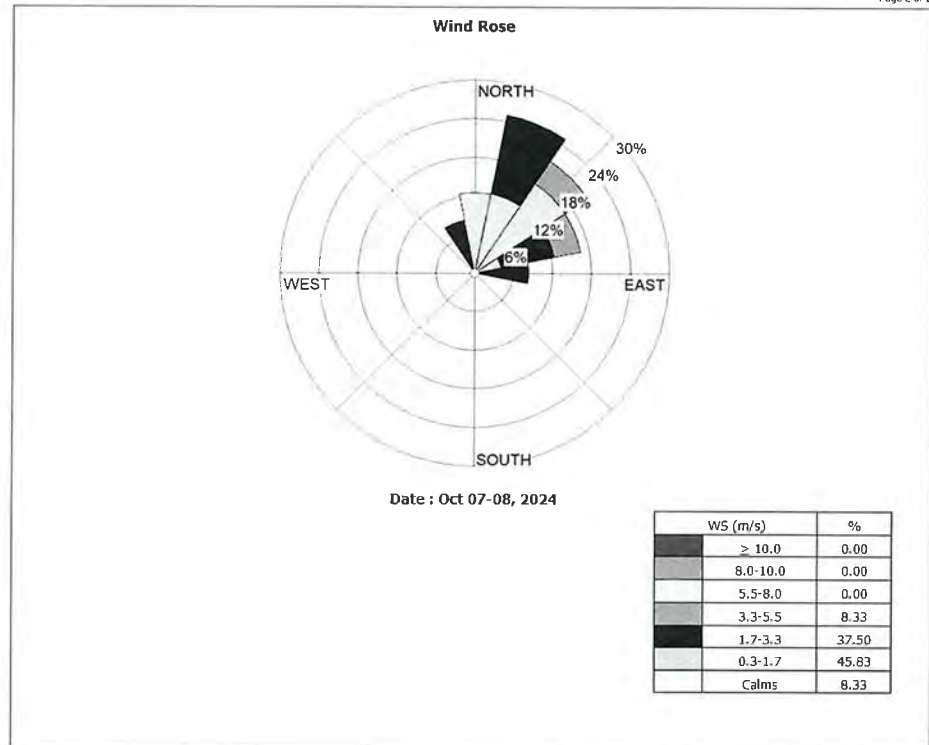


Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260
P/O : 4100119854
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2411137
Date Received : Oct 08, 2024
Date Reported : Oct 10, 2024
Report Number : 3121040-1

Page 2 of 2



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Assistant General Manager

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi,
Saraburi Thailand 18260
P/O : 4100119854
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 24123678
Date Received : Nov 08, 2024
Date Reported : Nov 16, 2024
Report Number : 3149554-1

Page 1 of 3

Sample Number 24123678-1
Sampled Date Nov 07, 2024
Sample Description Air Quality
Location บ้านฉางนวนจัตต (GPS 47P 726237, 1617593)
Date Analysis Commenced Nov 11, 2024
Condition of Sample Drawn into one 6-L Canister

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
1,1,2,2-Tetrachloroethane	07/11/24 - 08/11/24	ug/m3	0.10	0.34	Not Detected	83	Based on US EPA Compendium Method, TO-15	PCD	Rayong
1,2-Dibromoethane	07/11/24 - 08/11/24	ug/m3	0.10	0.38	Not Detected	370	Based on US EPA Compendium Method, TO-15	PCD	Rayong
1,2-Dichloroethane	07/11/24 - 08/11/24	ug/m3	0.07	0.20	Not Detected	48	Based on US EPA Compendium Method, TO-15	PCD	Rayong
1,2-Dichloropropane	07/11/24 - 08/11/24	ug/m3	0.08	0.23	0.55	82	Based on US EPA Compendium Method, TO-15	PCD	Rayong
1,3-Butadiene	07/11/24 - 08/11/24	ug/m3	0.04	0.11	Not Detected	5.3	Based on US EPA Compendium Method, TO-15	PCD	Rayong
1,4-Dichlorobenzene	07/11/24 - 08/11/24	ug/m3	0.20	0.60	Not Detected	1100	Based on US EPA Compendium Method, TO-15	PCD	Rayong
1,4-Dioxane	07/11/24 - 08/11/24	ug/m3	0.10	0.36	Not Detected	860	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Acetaldehyde	07/11/24 - 08/11/24	ug/m3	0.05	0.18	2.92	860	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Acrolein	07/11/24 - 08/11/24	ug/m3	0.08	0.23	<0.23	0.55	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Acrylonitrile	07/11/24 - 08/11/24	ug/m3	0.07	0.22	Not Detected	10	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Benzene	07/11/24 - 08/11/24	ug/m3	0.05	0.16	0.70	7.6	Based on US EPA Compendium Method, TO-15	PCD	Rayong

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi,
Saraburi Thailand 18260
P/O : 4100119854
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 24123678
Date Received : Nov 08, 2024
Date Reported : Nov 16, 2024
Report Number : 3149554-1

Page 2 of 3

Sample Number 24123678-1
Sampled Date Nov 07, 2024
Sample Description Air Quality
Location บ้านฉางนวนจัตต (GPS 47P 726237, 1617593)
Date Analysis Commenced Nov 11, 2024
Condition of Sample Drawn into one 6-L Canister

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Benzyl Chloride	07/11/24 - 08/11/24	ug/m3	0.17	0.52	Not Detected	12	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Bromomethane	07/11/24 - 08/11/24	ug/m3	0.06	0.19	<0.19	190	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Carbon Disulfide	07/11/24 - 08/11/24	ug/m3	0.05	0.16	<0.16	100	Based on US EPA Compendium Method, TO-15	NEB	Rayong
Carbon Tetrachloride	07/11/24 - 08/11/24	ug/m3	0.10	0.31	<0.31	150	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Chloroform	07/11/24 - 08/11/24	ug/m3	0.08	0.24	0.29	57	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Dichloromethane	07/11/24 - 08/11/24	ug/m3	0.06	0.17	1.88	210	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Tetrachloroethylene	07/11/24 - 08/11/24	ug/m3	0.11	0.34	<0.34	400	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Trichloroethylene	07/11/24 - 08/11/24	ug/m3	0.09	0.27	Not Detected	130	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Vinyl Chloride	07/11/24 - 08/11/24	ug/m3	0.04	0.13	Not Detected	20	Based on US EPA Compendium Method, TO-15	PCD	Rayong

Guideline :

NEB : Notification of National Environment Board, B.E. 2560 (2017)

PCD : Notification of the Pollution Control Department, which was published in the Royal Government Gazette Vol. 126 Special Part 13 D dated January 27, B.E. 2552 (2009).

Sampled By : Autit Aoonsim

Approved by

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi,
Saraburi Thailand 18260
P/O : 4100119854
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 24123678
Date Received : Nov 08, 2024
Date Reported : Nov 16, 2024
Report Number : 3149554-1

Remark :

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

Page 3 of 3



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260
P/O : 4100119854
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 24123679
Date Received : Nov 08, 2024
Date Reported : Nov 13, 2024
Report Number : 3149555-1

Page 1 of 2

Sample Number : 24123679-1
Parameter : Wind Speed / Wind Direction
Location : บ้านอานวนจัตต (GPS 47P 0726237, 1617593)
Sampling Date : Nov 07 - Nov 08, 2024
Sampling by : Autt Aconsim

Time	Nov 07 - Nov 08, 2024											
	WS (m/s)	WD (deg)										
02:00 PM - 03:00 PM	0.0	-	-	-	-	-	-	-	-	-	-	-
03:00 PM - 04:00 PM	1.4	29.0	NNE	-	-	-	-	-	-	-	-	-
04:00 PM - 05:00 PM	0.0	-	-	-	-	-	-	-	-	-	-	-
05:00 PM - 06:00 PM	0.0	-	-	-	-	-	-	-	-	-	-	-
06:00 PM - 07:00 PM	0.0	-	-	-	-	-	-	-	-	-	-	-
07:00 PM - 08:00 PM	0.0	-	-	-	-	-	-	-	-	-	-	-
08:00 PM - 09:00 PM	0.0	-	-	-	-	-	-	-	-	-	-	-
09:00 PM - 10:00 PM	0.0	-	-	-	-	-	-	-	-	-	-	-
10:00 PM - 11:00 PM	2.1	2.0	N	-	-	-	-	-	-	-	-	-
11:00 PM - 12:00 AM	0.0	-	-	-	-	-	-	-	-	-	-	-
12:00 AM - 01:00 AM	2.5	359.0	N	-	-	-	-	-	-	-	-	-
01:00 AM - 02:00 AM	2.0	23.0	NNE	-	-	-	-	-	-	-	-	-
02:00 AM - 03:00 AM	2.8	3.0	N	-	-	-	-	-	-	-	-	-
03:00 AM - 04:00 AM	2.1	285.0	WNW	-	-	-	-	-	-	-	-	-
04:00 AM - 05:00 AM	5.5	9.0	N	-	-	-	-	-	-	-	-	-
05:00 AM - 06:00 AM	2.7	341.0	MNW	-	-	-	-	-	-	-	-	-
06:00 AM - 07:00 AM	2.8	350.0	N	-	-	-	-	-	-	-	-	-
07:00 AM - 08:00 AM	0.6	301.0	WNW	-	-	-	-	-	-	-	-	-
08:00 AM - 09:00 AM	1.2	35.0	NE	-	-	-	-	-	-	-	-	-
09:00 AM - 10:00 AM	4.3	14.0	NNE	-	-	-	-	-	-	-	-	-
10:00 AM - 11:00 AM	3.3	263.0	W	-	-	-	-	-	-	-	-	-
11:00 AM - 12:00 PM	0.8	0.0	N	-	-	-	-	-	-	-	-	-
12:00 PM - 01:00 PM	1.8	343.0	NNW	-	-	-	-	-	-	-	-	-
01:00 PM - 02:00 PM	2.6	351.0	N	-	-	-	-	-	-	-	-	-

Reference Method : Cup Anemometer & Anodized Aluminum Vane Method

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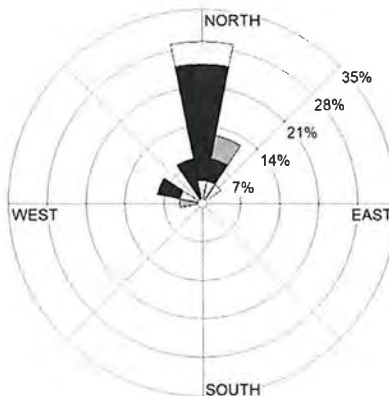
Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhol, Saraburi
Thailand 18260
P/O : 4100119854
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 24123679
Date Received : Nov 08, 2024
Date Reported : Nov 13, 2024
Report Number : 3149555-1

Page 2 of 2

Wind Rose



Date : Nov 07-08, 2024

WS (m/s)	%
> 10.0	0.00
8.0-10.0	0.00
5.5-8.0	4.17
3.3-5.5	8.33
1.7-3.3	37.50
0.3-1.7	16.67
Calms	33.33

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhol,
Saraburi Thailand 18260
P/O : 4100119854
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 24135273
Date Received : Dec 04, 2024
Date Reported : Dec 13, 2024
Report Number : 3178957-1

Page 1 of 3

Sample Number : 24135273-1
Sampled Date : Dec 03, 2024
Sample Description : Air Quality
Location : บ้านสวนจิตรลดา (GPS 47P 726237, 1617593)
Date Analysis Commenced : Dec 06, 2024
Condition of Sample : Drawn into one 6-L Canister

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
1,1,2,2-Tetrachloroethane	03/12/24 - 04/12/24	ug/m3	0.10	0.34	Not Detected	83	Based on US EPA Compendium Method, TO-15	PCD	Rayong
1,2-Dibromoethane	03/12/24 - 04/12/24	ug/m3	0.10	0.38	Not Detected	370	Based on US EPA Compendium Method, TO-15	PCD	Rayong
1,2-Dichloroethane	03/12/24 - 04/12/24	ug/m3	0.07	0.20	<0.20	48	Based on US EPA Compendium Method, TO-15	PCD	Rayong
1,2-Dichloropropane	03/12/24 - 04/12/24	ug/m3	0.08	0.23	<0.23	82	Based on US EPA Compendium Method, TO-15	PCD	Rayong
1,3-Butadiene	03/12/24 - 04/12/24	ug/m3	0.04	0.11	<0.11	5.3	Based on US EPA Compendium Method, TO-15	PCD	Rayong
1,4-Dichlorobenzene	03/12/24 - 04/12/24	ug/m3	0.20	0.60	Not Detected	1100	Based on US EPA Compendium Method, TO-15	PCD	Rayong
1,4-Dioxane	03/12/24 - 04/12/24	ug/m3	0.10	0.36	Not Detected	860	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Acetaldehyde	03/12/24 - 04/12/24	ug/m3	0.05	0.18	2.71	860	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Acrolein	03/12/24 - 04/12/24	ug/m3	0.08	0.23	0.32	0.55	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Acrylonitrile	03/12/24 - 04/12/24	ug/m3	0.07	0.22	Not Detected	10	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Benzene	03/12/24 - 04/12/24	ug/m3	0.05	0.16	1.53	7.6	Based on US EPA Compendium Method, TO-15	PCD	Rayong

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh,
Saraburi Thailand 18260
P/O : 4100119854
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 24135273
Date Received : Dec 04, 2024
Date Reported : Dec 13, 2024
Report Number : 3178957-1

Page 2 of 3

Sample Number : 24135273-1
Sampled Date : Dec 03, 2024
Sample Description : Air Quality
Location : บ้านฉางนา 9๙๙ (GPS 47P 726237, 1617593)
Date Analysis Commenced : Dec 06, 2024
Condition of Sample : Drawn into one 6-L Canister

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Benzyl Chloride	03/12/24 - 04/12/24	ug/m3	0.17	0.52	Not Detected	12	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Bromomethane	03/12/24 - 04/12/24	ug/m3	0.06	0.19	<0.19	190	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Carbon Disulfide	03/12/24 - 04/12/24	ug/m3	0.05	0.16	<0.16	100	Based on US EPA Compendium Method, TO-15	NEB	Rayong
Carbon Tetrachloride	03/12/24 - 04/12/24	ug/m3	0.10	0.31	<0.31	150	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Chloroform	03/12/24 - 04/12/24	ug/m3	0.08	0.24	<0.24	57	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Dichloromethane	03/12/24 - 04/12/24	ug/m3	0.06	0.17	0.49	210	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Tetrachloroethylene	03/12/24 - 04/12/24	ug/m3	0.11	0.34	<0.34	400	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Trichloroethylene	03/12/24 - 04/12/24	ug/m3	0.09	0.27	Not Detected	130	Based on US EPA Compendium Method, TO-15	PCD	Rayong
Vinyl Chloride	03/12/24 - 04/12/24	ug/m3	0.04	0.13	<0.13	20	Based on US EPA Compendium Method, TO-15	PCD	Rayong

Guideline :

NEB : Notification of National Environment Board, B.E. 2560 (2017)

PCD : Notification of the Pollution Control Department, which was published in the Royal Government Gazette Vol. 126 Special Part 13 D dated January 27, B.E. 2552 (2009).

Sampled By : Thananat Anake

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh,
Saraburi Thailand 18260
P/O : 4100119854
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 24135273
Date Received : Dec 04, 2024
Date Reported : Dec 13, 2024
Report Number : 3178957-1

Page 3 of 3

Remark :

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

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh, Saraburi
Thailand 18260

P/O : 4100119854

Project Name : Saraburi Factory Plant

Project Location :

Lot ID: 24135274

Date Received :Dec 04, 2024

Date Reported :Dec 11, 2024

Report Number :3178960-1

Page 1 of 2

Sample Number : 24135274-1
Parameter : Wind Speed / Wind Direction
Location : บ้านฉางปูนซีเมนต์ (GPS 47P 0726237, 1617593)
Sampling Date : Dec 03 - Dec 04, 2024
Sampling by : Thananat Anake

Time	Dec 03 - Dec 04, 2024																	
	WS (m/s)	WD (deg)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00 AM - 11:00 AM	2.0	113.0	ESE	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00 AM - 12:00 PM	1.8	118.0	ESE	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12:00 PM - 01:00 PM	1.0	71.0	ENE	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00 PM - 02:00 PM	4.2	111.0	ESE	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00 PM - 03:00 PM	0.6	12.0	NNE	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00 PM - 04:00 PM	1.2	92.0	E	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00 PM - 05:00 PM	1.0	95.0	E	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00 PM - 06:00 PM	0.0	-	-	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00 PM - 07:00 PM	0.4	87.0	E	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00 PM - 08:00 PM	0.4	87.0	E	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00 PM - 09:00 PM	0.4	87.0	E	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00 PM - 10:00 PM	0.0	-	-	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00 PM - 11:00 PM	0.5	88.0	E	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00 PM - 12:00 AM	0.0	-	-	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12:00 AM - 01:00 AM	0.0	-	-	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00 AM - 02:00 AM	0.0	-	-	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00 AM - 03:00 AM	0.6	84.0	E	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00 AM - 04:00 AM	0.2	-	-	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00 AM - 05:00 AM	0.9	139.0	SE	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00 AM - 06:00 AM	0.8	133.0	SE	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00 AM - 07:00 AM	0.1	-	-	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00 AM - 08:00 AM	3.3	117.0	ESE	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00 AM - 09:00 AM	1.3	141.0	SE	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00 AM - 10:00 AM	1.4	80.0	E	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

Reference Method : Cup Anemometer & Anodized Aluminium Vane Method

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Assistant General Manager

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh, Saraburi
Thailand 18260

P/O : 4100119854

Project Name : Saraburi Factory Plant

Project Location :

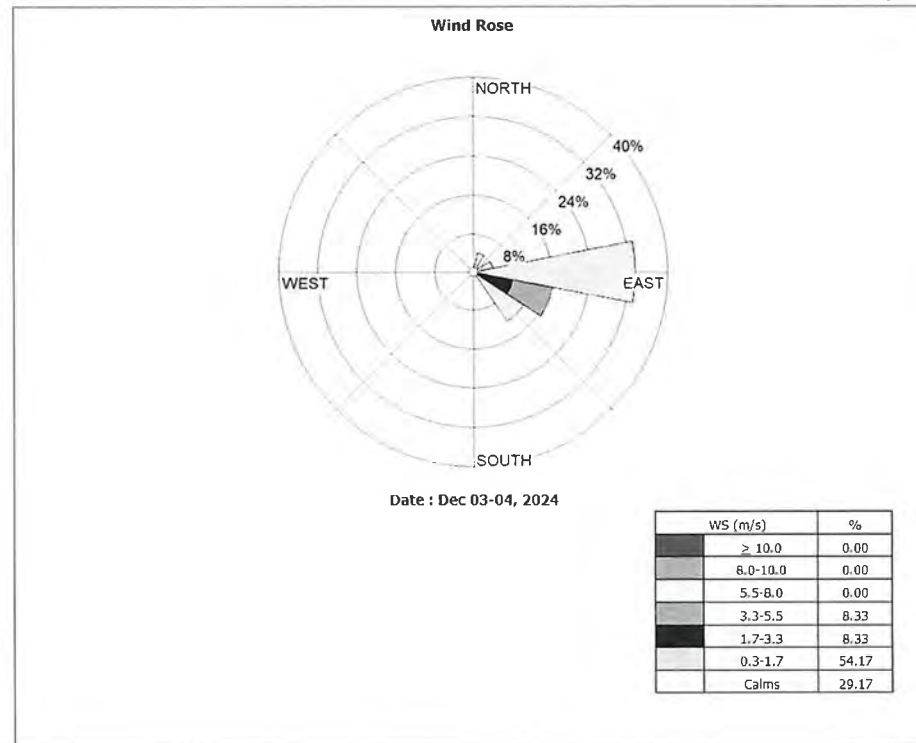
Lot ID: 24135274

Date Received :Dec 04, 2024

Date Reported :Dec 11, 2024

Report Number :3178960-1

Page 2 of 2



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Approve

Assistant General Manager

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ภาคผนวก ค-2

คุณภาพอากาศจากปล่องระบายของโครงการ



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2473747
Date Received : Aug 30, 2024
Date Reported : Sep 12, 2024
Report Number: 3106746-1

Page 1 of 6

Sample Number 2473747-1
Sampled Date Aug 28, 2024
Sample Description Emission from Stationary Source
Location ปล่องหมายเลข 3 (Main stack K3)
Date Analysis Commenced Sep 02, 2024
Condition of Sample Extracted into three 2-L collection flasks, one filter paper placed in plastic petri dish and one amber plastic bottle, refrigerated

Stack Description									
Ambient Pressure	749	mmHg	Diameter	4.00	m	Oxygen	11.3	%	
Ambient Temperature	32.0	°C	Shape	Circle		Carbon Dioxide	8.6	%	
Type of Process	Combustion		Stack Temperature	117	°C	Gas Velocity	18.6	m/s	
Type of Fuel	Coal		Moisture	15.53	%	Flow Rate (Actual O2)	535824	Nm3/hr	

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result		Guideline (1)	Guideline (2)	Method	Testing Location
					at 7 % O ₂	at 11.3 % O ₂				
Air Testing										
Oxides of Nitrogen	11:20 AM - 11:35 AM	ppm	-	1.06	179	123.63	500	500	United States Environmental Protection Agency, EPA Method 7	Bangkok
Sulfur dioxide	12:15 PM - 12:45 PM	ppm	-	2.0	<2.00	<2.00	30	50	United States Environmental Protection Agency, EPA Method 6	Bangkok
Total Suspended Particulate	11:10 AM - 11:52 AM	mg/Nm3	-	0.5	14.33	9.90	80	120	United States Environmental Protection Agency, EPA Method 5	Bangkok
Metals Testing										
Antimony	11:10 AM - 11:52 AM	mg/Nm3	-	0.0005	<0.0005	<0.0005	-	-	United States Environmental Protection Agency, EPA Method 29	Bangkok
Arsenic	11:10 AM - 11:52 AM	mg/Nm3	-	0.0005	<0.0005	<0.0005	-	-	United States Environmental Protection Agency, EPA Method 29	Bangkok

Technical Management

Sawitree Naisangiam
Manager
ทะเบียนเลขที่ ว-204-จ-0007

Ratorkorn Amek
Assistant General Manager
ทะเบียนเลขที่ ว-204-ก-0004

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S:\Reports\Air Stack_O2_2GL.rpt (11:20AM)



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2473747
Date Received : Aug 30, 2024
Date Reported : Sep 12, 2024
Report Number: 3106746-1

Page 2 of 6

Sample Number 2473747-1
Sampled Date Aug 28, 2024
Sample Description Emission from Stationary Source
Location ปล่องหมายเลข 3 (Main stack K3)
Date Analysis Commenced Sep 02, 2024
Condition of Sample Extracted into three 2-L collection flasks, one filter paper placed in plastic petri dish and one amber plastic bottle, refrigerated

Stack Description									
Ambient Pressure	749	mmHg	Diameter	4.00	m	Oxygen	11.3	%	
Ambient Temperature	32.0	°C	Shape	Circle		Carbon Dioxide	8.6	%	
Type of Process	Combustion		Stack Temperature	117	°C	Gas Velocity	18.6	m/s	
Type of Fuel	Coal		Moisture	15.53	%	Flow Rate (Actual O2)	535824	Nm3/hr	

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result at 7 % O ₂ at 11.3 % O ₂		Guideline (1)	Guideline (2)	Method	Testing Location
Metals Testing										
Beryllium	11:10 AM - 11:52 AM	mg/Nm3	-	0.0005	<0.0005	<0.0005	-	-	United States Environmental Protection Agency, EPA Method 29	Bangkok
Cadmium	11:10 AM - 11:52 AM	mg/Nm3	-	0.0005	<0.0005	<0.0005	-	-	United States Environmental Protection Agency, EPA Method 29	Bangkok
Chromium	11:10 AM - 11:52 AM	mg/Nm3	-	0.0005	0.0009	0.0006	-	-	United States Environmental Protection Agency, EPA Method 29	Bangkok
Cobalt	11:10 AM - 11:52 AM	mg/Nm3	-	0.0005	<0.0005	<0.0005	-	-	United States Environmental Protection Agency, EPA Method 29	Bangkok
Copper	11:10 AM - 11:52 AM	mg/Nm3	-	0.0005	0.004	0.0028	-	-	United States Environmental Protection Agency, EPA Method 29	Bangkok
Lead	11:10 AM - 11:52 AM	mg/Nm3	-	0.0005	<0.0005	<0.0005	-	-	United States Environmental Protection Agency, EPA Method 29	Bangkok

Technical Management

ทะเบียนเลขที่ ว-204-จ-0007

ทะเบียนเลขที่ ว-204-ก-0004

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S:\Reports\Air Stack_O2_2GL.rpt (11:20AM)



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :

Project Name : Saraburi Factory Plant

Project Location :

Lot ID: 2473747

Date Received : Aug 30, 2024

Date Reported : Sep 12, 2024

Report Number: 3106746-1

Page 3 of 6

Sample Number 2473747-1
Sampled Date Aug 28, 2024
Sample Description Emission from Stationary Source
Location ปล่องหมายเลข 3 (Main stack K3)
Date Analysis Commenced Sep 02, 2024
Condition of Sample Extracted into three 2-L collection flasks, one filter paper placed in plastic petri dish and one amber plastic bottle, refrigerated

Stack Description

Ambient Pressure	749	mmHg	Diameter	4.00	m	Oxygen	11.3	%
Ambient Temperature	32.0	°C	Shape	Circle		Carbon Dioxide	8.6	%
Type of Process	Combustion		Stack Temperature	117	°C	Gas Velocity	18.6	m/s
Type of Fuel	Coal		Moisture	15.53	%	Flow Rate (Actual O2)	535824	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result at 7 % O ₂	Result at 11.3 % O ₂	Guideline (1)	Guideline (2)	Method	Testing Location
Metals Testing										
Manganese	11:10 AM - 11:52 AM	mg/Nm3	-	0.0005	0.06	0.0414	-	-	United States Environmental Protection Agency, EPA Method 29	Bangkok
Mercury	11:10 AM - 11:52 AM	mg/Nm3	-	0.0005	0.006	0.0041	0.1	-	United States Environmental Protection Agency, EPA Method 29	Bangkok
Nickel	11:10 AM - 11:52 AM	mg/Nm3	-	0.0005	<0.0005	<0.0005	-	-	United States Environmental Protection Agency, EPA Method 29	Bangkok
Sb, As, Be, Cr, Co, Cu, Mn, Ni, V	11:10 AM - 11:52 AM	mg/Nm3	-	0.002	0.06	0.04	1	-	United States Environmental Protection Agency, EPA Method 29	Bangkok
Total of Cd and Pb	11:10 AM - 11:52 AM	mg/Nm3	-	0.001	<0.001	<0.001	0.2	-	United States Environmental Protection Agency, EPA Method 29	Bangkok
Vanadium	11:10 AM - 11:52 AM	mg/Nm3	-	0.0005	<0.0005	<0.0005	-	-	United States Environmental Protection Agency, EPA Method 29	Bangkok

Technical Management

Manager
ทะเบียนเลขที่ ร-204-ก-0007

Assistant General Manager
ทะเบียนเลขที่ ร-204-ก-0004

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S:\Reports\Air Stack_O2_2GL.rpt (11 20AM)



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :

Project Name : Saraburi Factory Plant

Project Location :

Lot ID: 2473747

Date Received : Aug 30, 2024

Date Reported : Sep 12, 2024

Report Number: 3106746-1

Page 4 of 6

Sample Number 2473747-1
Sampled Date Aug 28, 2024
Sample Description Emission from Stationary Source
Location ปล่องหมายเลข 3 (Main stack K3)
Date Analysis Commenced Sep 02, 2024
Condition of Sample Extracted into three 2-L collection flasks, one filter paper placed in plastic petri dish and one amber plastic bottle, refrigerated

Stack Description

Ambient Pressure	749	mmHg	Diameter	4.00	m	Oxygen	11.3	%
Ambient Temperature	32.0	°C	Shape	Circle		Carbon Dioxide	8.6	%
Type of Process	Combustion		Stack Temperature	117	°C	Gas Velocity	18.6	m/s
Type of Fuel	Coal		Moisture	15.53	%	Flow Rate (Actual O2)	535824	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result at 7 % O ₂	Result at 11.3 % O ₂	Guideline (1)	Guideline (2)	Method	Testing Location
---------	--------------	------	-----	-----------	------------------------------	---------------------------------	---------------	---------------	--------	------------------

Guideline :

- (1) Notification of the Ministry of Natural Resources and Environment, subjected "The emission air quality standards for waste utilization to be the fuel and raw material in cement factory processing", dated December 15, B.E.2549 (2006)
- (2) Notification of the Ministry of Industry, subjected "The emission air quality standards for cement factory", dated December 4, B.E.2549 (2006)

Technical Management

ทะเบียนเลขที่ ร-204-ก-0007

ทะเบียนเลขที่ ร-204-ก-0004

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2473747
Date Received : Aug 30, 2024
Date Reported : Sep 12, 2024
Report Number: 3106746-1

Page 5 of 6

Sample Number 2473747-1
Sampled Date Aug 28, 2024
Sample Description Emission from Stationary Source
Location ปล่องหมายเลข 3 (Main stack K3)
Date Analysis Commenced Sep 02, 2024
Condition of Sample Extracted into three 2-L collection flasks, one filter paper placed in plastic petri dish and one amber plastic bottle, refrigerated

Stack Description

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Ambient Temperature	32.0	°C	Shape	Circle		Carbon Dioxide	8.6	%
Type of Process	Combustion		Stack Temperature	117	°C	Gas Velocity	18.6	m/s
Type of Fuel	Coal		Moisture	15.53	%	Flow Rate (Actual O2)	535824	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result Emission Rate	Guideline (1)	Guideline (2)	Method	Testing Location
Air Testing									
Oxides of Nitrogen	11:20 AM - 11:35 AM	g/s	-	-	33.8	-	-	Calculated	Bangkok
Sulfur dioxide	12:15 PM - 12:45 PM	g/s	-	-	<0.7	-	-	Calculated	Bangkok
TSP	11:10 AM - 11:52 AM	g/s	-	-	1.47	-	-	Calculated	Bangkok
Metals Testing									
Antimony	11:10 AM - 11:52 AM	g/s	-	-	<0.00007	-	-	Calculated	Bangkok
Arsenic	11:10 AM - 11:52 AM	g/s	-	-	<0.00007	-	-	Calculated	Bangkok
Beryllium	11:10 AM - 11:52 AM	g/s	-	-	<0.00007	-	-	Calculated	Bangkok
Cadmium	11:10 AM - 11:52 AM	g/s	-	-	<0.00007	-	-	Calculated	Bangkok
Chromium	11:10 AM - 11:52 AM	g/s	-	-	0.00010	-	-	Calculated	Bangkok
Cobalt	11:10 AM - 11:52 AM	g/s	-	-	<0.00007	-	-	Calculated	Bangkok
Copper	11:10 AM - 11:52 AM	g/s	-	-	0.0004	-	-	Calculated	Bangkok
Lead	11:10 AM - 11:52 AM	g/s	-	-	<0.00007	-	-	Calculated	Bangkok
Manganese	11:10 AM - 11:52 AM	g/s	-	-	0.006	-	-	Calculated	Bangkok
Mercury	11:10 AM - 11:52 AM	g/s	-	-	0.0006	-	-	Calculated	Bangkok

Technical Management

Sawitree Noisangiam
Manager
ทะเบียนเลขที่ ว-204-จ-0007

Ratorkorn Anick
Assistant General Manager
ทะเบียนเลขที่ ว-204-ก-0004

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2473747
Date Received : Aug 30, 2024
Date Reported : Sep 12, 2024
Report Number: 3106746-1

Page 6 of 6

Sample Number 2473747-1
Sampled Date Aug 28, 2024
Sample Description Emission from Stationary Source
Location ปล่องหมายเลข 3 (Main stack K3)
Date Analysis Commenced Sep 02, 2024
Condition of Sample Extracted into three 2-L collection flasks, one filter paper placed in plastic petri dish and one amber plastic bottle, refrigerated

Stack Description

Ambient Pressure	749	mmHg	Diameter	4.00	m	Oxygen	11.3	%
Ambient Temperature	32.0	°C	Shape	Circle		Carbon Dioxide	8.6	%
Type of Process	Combustion		Stack Temperature	117	°C	Gas Velocity	18.6	m/s
Type of Fuel	Coal		Moisture	15.53	%	Flow Rate (Actual O2)	535824	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result Emission Rate	Guideline (1)	Guideline (2)	Method	Testing Location
Metals Testing									
Nickel	11:10 AM - 11:52 AM	g/s	-	-	<0.00007	-	-	Calculated	Bangkok
Sb, As, Be, Cr, Co, Cu, Mn, Ni, V	11:10 AM - 11:52 AM	g/s	-	-	0.0003	-	-	Calculated	Bangkok
Total of Cd and Pb	11:10 AM - 11:52 AM	g/s	-	-	<0.0001	-	-	Calculated	Bangkok
Vanadium	11:10 AM - 11:52 AM	g/s	-	-	<0.00007	-	-	Calculated	Bangkok

Sampling By : Kritsana Saiwan ทะเบียนเลขที่ ว-204-จ-0081

Remark :

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

Technical Management

ทะเบียนเลขที่ ว-204-จ-0007

ทะเบียนเลขที่ ว-204-ก-0004

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S:\Reports_Air Stack_O2_2GL.rpt (11 20AM)



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :

Project Name : Saraburi Factory Plant

Project Location :

Lot ID: 2474491

Date Received : Aug 09, 2024

Date Reported : Aug 16, 2024

Report Number: 3039321-1

Page 1 of 2

Sample Number 2474491-1
Sampled Date Aug 08, 2024
Sample Description Emission from Stationary Source
Location ปล่องหน่วย 3 (Clinker Cooler K3)
Date Analysis Commenced Aug 10, 2024
Condition of Sample Extracted into one filter paper placed in plastic petri dish

Stack Description

Ambient Pressure	758	mmHg	Diameter	3.90	m	Oxygen	19.7	%
Ambient Temperature	32.6	°C	Shape	Circle		Carbon Dioxide	0.7	%
Type of Process	Process		Stack Temperature	205	°C	Gas Velocity	7.1	m/s
Type of Fuel	-		Moisture	1.69	%	Flow Rate (Actual O2)	187715	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Air Testing									
Total Suspended Particulate	10:45 AM - 11:40 AM	mg/m3	-	0.5	1.8	80	120	United States Environmental Protection Agency, EPA Method 5	Bangkok

Guideline : (1) Notification of the Ministry of Natural Resources and Environment, subjected "The emission air quality standards for waste utilization to be the fuel and raw material in cement factory processing", dated December 15, B.E.2549 (2006)
(2) Notification of the Ministry of Industry, subjected "The emission air quality standards for cement factory", dated December 4, B.E.2549 (2006)

Technical Management

ทะเบียนเลขที่ ว-204-จ-0027

ทะเบียนเลขที่ ว-204-จ-0004

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2995-71/ EMAIL

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :

Project Name : Saraburi Factory Plant

Project Location :

Lot ID: 2474491

Date Received : Aug 09, 2024

Date Reported : Aug 16, 2024

Report Number: 3039321-1

Page 2 of 2

Sample Number 2474491-1
Sampled Date Aug 08, 2024
Sample Description Emission from Stationary Source
Location ปล่องหน่วย 3 (Clinker Cooler K3)
Date Analysis Commenced Aug 10, 2024
Condition of Sample Extracted into one filter paper placed in plastic petri dish

Stack Description

Ambient Pressure	758	mmHg	Diameter	3.90	m	Oxygen	19.7	%
Ambient Temperature	32.6	°C	Shape	Circle		Carbon Dioxide	0.7	%
Type of Process	Process		Stack Temperature	205	°C	Gas Velocity	7.1	m/s
Type of Fuel	-		Moisture	1.69	%	Flow Rate (Actual O2)	187715	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result	Emission Rate	Guideline (1)	Guideline (2)	Method	Testing Location
Air Testing										
Total Suspended Particulate	10:45 AM - 11:40 AM	g/s	-	-	0.10	-	-	-	Calculated	Bangkok

Guideline : (1) Notification of the Ministry of Natural Resources and Environment, subjected "The emission air quality standards for waste utilization to be the fuel and raw material in cement factory processing", dated December 15, B.E.2549 (2006)
(2) Notification of the Ministry of Industry, subjected "The emission air quality standards for cement factory", dated December 4, B.E.2549 (2006)

Sampling By : Apisit Singha ทะเบียนเลขที่ ว-204-จ-0023

Remark :

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

Technical Management

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Analysis / Test Report



TESTING
No.0009

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh, Saraburi
Thailand 18260
P/O : 4100119854
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2474511
Date Received : Oct 22, 2024
Date Reported : Oct 29, 2024
Report Number: 3039381-1

Page 1 of 2

Sample Number 2474511-1
Sampled Date Oct 22, 2024
Sample Description Emission from Stationary Source
Location ปล่องหม้อบดถ่านหิน K3M1 (Coal mill K3M1)
Date Analysis Commenced Oct 24, 2024
Condition of Sample Extracted into one filter paper placed in plastic petri dish

Stack Description

Ambient Pressure	749	mmHg	Diameter	1.30	m	Oxygen	7.2	%
Ambient Temperature	32.0	°C	Shape	Circle		Carbon Dioxide	12.0	%
Type of Process	Process		Stack Temperature	74.0	°C	Gas Velocity	21.4	m/s
Type of Fuel	-		Moisture	24.94	%	Flow Rate (Actual O2)	65341	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Air Testing									
Total Suspended Particulate	11:05 AM - 11:53 AM	mg/m3	-	0.5	11.1	80	120	U.S. Environmental Protection Agency 40 CFR method 5, Appendix A, 2020 (Include sampling)	Bangkok

Guideline : (1) Notification of the Ministry of Natural Resources and Environment, subjected "The emission air quality standards for waste utilization to be the fuel and raw material in cement factory processing", dated December 15, B.E.2549 (2006)
(2) Notification of the Ministry of Industry, subjected "The emission air quality standards for cement factory", dated December 4, B.E.2549 (2006)

Technical Management

เบอร์โทร 02-204-0027

เบอร์โทร 02-204-0004

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Analysis / Test Report



TESTING
No.0009

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh, Saraburi
Thailand 18260
P/O : 4100119854
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2474511
Date Received : Oct 22, 2024
Date Reported : Oct 29, 2024
Report Number: 3039381-1

Page 2 of 2

Sample Number 2474511-1
Sampled Date Oct 22, 2024
Sample Description Emission from Stationary Source
Location ปล่องหม้อบดถ่านหิน K3M1 (Coal mill K3M1)
Date Analysis Commenced Oct 24, 2024
Condition of Sample Extracted into one filter paper placed in plastic petri dish

Stack Description

Ambient Pressure	749	mmHg	Diameter	1.30	m	Oxygen	7.2	%
Ambient Temperature	32.0	°C	Shape	Circle		Carbon Dioxide	12.0	%
Type of Process	Process		Stack Temperature	74.0	°C	Gas Velocity	21.4	m/s
Type of Fuel	-		Moisture	24.94	%	Flow Rate (Actual O2)	65341	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result Emission Rate	Guideline (1)	Guideline (2)	Method	Testing Location
Air Testing									
Total Suspended Particulate *	11:05 AM - 11:53 AM	g/s	-	-	0.20	-	-	Calculated	Bangkok

Guideline : (1) Notification of the Ministry of Natural Resources and Environment, subjected "The emission air quality standards for waste utilization to be the fuel and raw material in cement factory processing", dated December 15, B.E.2549 (2006)
(2) Notification of the Ministry of Industry, subjected "The emission air quality standards for cement factory", dated December 4, B.E.2549 (2006)

Sampling By : Khanetson Khamphet เบอร์โทร 02-204-0-0044

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.

Technical Management

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Analysis / Test Report



TESTING
No.0009

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh, Saraburi
Thailand 18260

P/O :

Project Name : Saraburi Factory Plant

Project Location :

Lot ID: 24121474

Date Received : Oct 25, 2024

Date Reported : Oct 31, 2024

Report Number: 3145614-1

Page 1 of 2

Sample Number 24121474-1
Sampled Date Oct 25, 2024
Sample Description Emission from Stationary Source
Location ปล่องพอลิเมอร์ K3M2 (Coal mill K3M2)
Date Analysis Commenced Oct 26, 2024
Condition of Sample Extracted into one filter paper placed in plastic petri dish

Stack Description

Ambient Pressure	750	mmHg	Diameter	1.80	m	Oxygen	8.5	%
Ambient Temperature	29.0	°C	Shape	Circle		Carbon Dioxide	10.8	%
Type of Process	Combustion		Stack Temperature	72.0	°C	Gas Velocity	16.7	m/s
Type of Fuel	Coal		Moisture	17.93	%	Flow Rate (Actual O2)	107306	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result at 7 %O ₂	Result at 8.5 % O ₂	Guideline (1)	Guideline (2)	Method	Testing Location
Air Testing										
Total Suspended Particulate	10:45 AM - 11:33 AM	mg/Nm3	-	0.5	18.98	16.93	80	120	U.S. Environmental Protection Agency 40 CFR method 5, Appendix A, 2020 (Include sampling)	Bangkok

Guideline :

- (1) Notification of the Ministry of Natural Resources and Environment, subjected "The emission air quality standards for waste utilization to be the fuel and raw material in cement factory processing", dated December 15, B.E.2549 (2006)
- (2) Notification of the Ministry of Industry, subjected "The emission air quality standards for cement factory", dated December 4, B.E.2549 (2006)

Technical Management

Scientist (3)
ทะเบียนเลขที่ ร-204-จ-0027

Assistant General Manager
ทะเบียนเลขที่ ร-204-ก-0004

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Analysis / Test Report



TESTING
No.0009

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh, Saraburi
Thailand 18260

P/O :

Project Name : Saraburi Factory Plant

Project Location :

Lot ID: 24121474

Date Received : Oct 25, 2024

Date Reported : Oct 31, 2024

Report Number: 3145614-1

Page 2 of 2

Sample Number 24121474-1
Sampled Date Oct 25, 2024
Sample Description Emission from Stationary Source
Location ปล่องพอลิเมอร์ K3M2 (Coal mill K3M2)
Date Analysis Commenced Oct 26, 2024
Condition of Sample Extracted into one filter paper placed in plastic petri dish

Stack Description

Ambient Pressure	750	mmHg	Diameter	1.80	m	Oxygen	8.5	%
Ambient Temperature	29.0	°C	Shape	Circle		Carbon Dioxide	10.8	%
Type of Process	Combustion		Stack Temperature	72.0	°C	Gas Velocity	16.7	m/s
Type of Fuel	Coal		Moisture	17.93	%	Flow Rate (Actual O2)	107306	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result Emission Rate	Guideline (1)	Guideline (2)	Method	Testing Location
Air Testing									
TSP *	10:45 AM - 11:33 AM	g/s	-	-	0.51	-	-	Calculated	Bangkok

Sampling By : Khanetson Khamphet ทะเบียนเลขที่ ร-204-จ-0044

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.

Technical Management

ทะเบียนเลขที่ ร-204-จ-0027

ทะเบียนเลขที่ ร-204-ก-0004

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2474500

Date Received : Aug 09, 2024
Date Reported : Aug 16, 2024
Report Number: 3039331-1

Page 1 of 2

Sample Number 2474500-1
Sampled Date Aug 06, 2024
Sample Description Emission from Stationary Source
Location ปล่องหม้อบดหมายเลข Z5+Z6 (Cement mill Z5+Z6)
Date Analysis Commenced Aug 10, 2024
Condition of Sample Extracted into one filter paper placed in plastic petri dish

Stack Description

Ambient Pressure	755	mmHg	Diameter	1.90	m	Oxygen	18.4	%
Ambient Temperature	33.0	°C	Shape	Circle		Carbon Dioxide	1.4	%
Type of Process	Process		Stack Temperature	82.8	°C	Gas Velocity	7.0	m/s
Type of Fuel	-		Moisture	14.49	%	Flow Rate (Actual O2)	51042	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Air Testing									
Total Suspended Particulate	11:10 AM - 12:05 PM	mg/m3	-	0.5	2.3	80	120	United States Environmental Protection Agency, EPA Method 5	Bangkok

Guideline : (1) Notification of the Ministry of Natural Resources and Environment, subjected "The emission air quality standards for waste utilization to be the fuel and raw material in cement factory processing", dated December 15, B.E.2549 (2006)
(2) Notification of the Ministry of Industry, subjected "The emission air quality standards for cement factory", dated December 4, B.E.2549 (2006)

Technical Management

Signature (1)
หมายเลข 2474500-1

Signature (2)
หมายเลข 2474500-1

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2474500

Date Received : Aug 09, 2024
Date Reported : Aug 16, 2024
Report Number: 3039331-1

Page 2 of 2

Sample Number 2474500-1
Sampled Date Aug 06, 2024
Sample Description Emission from Stationary Source
Location ปล่องหม้อบดหมายเลข Z5+Z6 (Cement mill Z5+Z6)
Date Analysis Commenced Aug 10, 2024
Condition of Sample Extracted into one filter paper placed in plastic petri dish

Stack Description

Ambient Pressure	755	mmHg	Diameter	1.90	m	Oxygen	18.4	%
Ambient Temperature	33.0	°C	Shape	Circle		Carbon Dioxide	1.4	%
Type of Process	Process		Stack Temperature	82.8	°C	Gas Velocity	7.0	m/s
Type of Fuel	-		Moisture	14.49	%	Flow Rate (Actual O2)	51042	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result Emission Rate	Guideline (1)	Guideline (2)	Method	Testing Location
Air Testing									
Total Suspended Particulate	11:10 AM - 12:05 PM	g/s	-	-	0.03	-	-	Calculated	Bangkok

Guideline : (1) Notification of the Ministry of Natural Resources and Environment, subjected "The emission air quality standards for waste utilization to be the fuel and raw material in cement factory processing", dated December 15, B.E.2549 (2006)
(2) Notification of the Ministry of Industry, subjected "The emission air quality standards for cement factory", dated December 4, B.E.2549 (2006)

Sampling By : Apisit Singha หมายเลข 2474500-1

Remark :

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

Technical Management

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkholi, Saraburi
Thailand 18260

P/O :

Project Name : Saraburi Factory Plant

Project Location :

Lot ID: 2474501

Date Received : Aug 09, 2024

Date Reported : Aug 16, 2024

Report Number: 3039333-1

Page 1 of 2

Sample Number 2474501-1
Sampled Date Aug 07, 2024
Sample Description Emission from Stationary Source
Location บ่อกองเพลิงชนิดหมุน 27 (Cement mill Z7)
Date Analysis Commenced Aug 10, 2024
Condition of Sample Extracted into one filter paper placed in plastic petri dish

Stack Description

Ambient Pressure	755	mmHg	Diameter	1.50	m	Oxygen	19.8	%
Ambient Temperature	32.2	°C	Shape	Circle		Carbon Dioxide	0.7	%
Type of Process	Process		Stack Temperature	96.3	°C	Gas Velocity	8.5	m/s
Type of Fuel	-		Moisture	11.62	%	Flow Rate (Actual O2)	38367	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Air Testing									
Total Suspended Particulate	10:20 AM - 11:02 AM	mg/m3	-	0.5	8.3	80	120	United States Environmental Protection Agency, EPA Method 5	Bangkok

Guideline : (1) Notification of the Ministry of Natural Resources and Environment, subjected "The emission air quality standards for waste utilization to be the fuel and raw material in cement factory processing", dated December 15, B.E.2549 (2006)
(2) Notification of the Ministry of Industry, subjected "The emission air quality standards for cement factory", dated December 4, B.E.2549 (2006)

Technical Management

ทะเบียนเลขที่ ว-204-ก-0027

ทะเบียนเลขที่ ว-204-ก-0004

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkholi, Saraburi
Thailand 18260

P/O :

Project Name : Saraburi Factory Plant

Project Location :

Lot ID: 2474501

Date Received : Aug 09, 2024

Date Reported : Aug 16, 2024

Report Number: 3039333-1

Page 2 of 2

Sample Number 2474501-1
Sampled Date Aug 07, 2024
Sample Description Emission from Stationary Source
Location บ่อกองเพลิงชนิดหมุน 27 (Cement mill Z7)
Date Analysis Commenced Aug 10, 2024
Condition of Sample Extracted into one filter paper placed in plastic petri dish

Stack Description

Ambient Pressure	755	mmHg	Diameter	1.50	m	Oxygen	19.8	%
Ambient Temperature	32.2	°C	Shape	Circle		Carbon Dioxide	0.7	%
Type of Process	Process		Stack Temperature	96.3	°C	Gas Velocity	8.5	m/s
Type of Fuel	-		Moisture	11.62	%	Flow Rate (Actual O2)	38367	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Air Testing									
Total Suspended Particulate	10:20 AM - 11:02 AM	g/s	-	-	0.09	-	-	Calculated	Bangkok

Guideline : (1) Notification of the Ministry of Natural Resources and Environment, subjected "The emission air quality standards for waste utilization to be the fuel and raw material in cement factory processing", dated December 15, B.E.2549 (2006)
(2) Notification of the Ministry of Industry, subjected "The emission air quality standards for cement factory", dated December 4, B.E.2549 (2006)

Sampling By : Apisit Singha ทะเบียนเลขที่ ว-204-ก-0023

Remark :

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

Technical Management

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2473749
Date Received : Aug 30, 2024
Date Reported : Sep 12, 2024
Report Number: 3106747-1

Page 1 of 6

Sample Number 2473749-1
Sampled Date Aug 27, 2024
Sample Description Emission from Stationary Source
Location ปล่องหม้อเผา 5 (Main stack K5)
Date Analysis Commenced Sep 02, 2024
Condition of Sample Extracted into three 3-L collection flasks, one filter paper placed in plastic petri dish and one amber plastic bottle, refrigerated

Stack Description

Ambient Pressure	749	mmHg	Diameter	5.20	m	Oxygen	6.7	%
Ambient Temperature	32.0	°C	Shape	Circle		Carbon Dioxide	14.0	%
Type of Process	Combustion		Stack Temperature	132	°C	Gas Velocity	14.2	m/s
Type of Fuel	Coal		Moisture	14.08	%	Flow Rate (Actual O2)	673824	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result at 7 %O ₂ at 6.68 % O ₂		Guideline (1)	Guideline (2)	Method	Testing Location
Air Testing										
Oxides of Nitrogen	11:00 AM - 11:15 AM	ppm	-	1.06	226	231.20	500	500	United States Environmental Protection Agency, EPA Method 7	Bangkok
Sulfur dioxide	12:50 AM - 01:20 PM	ppm	-	2.0	<2.00	<2.00	30	50	United States Environmental Protection Agency, EPA Method 6	Bangkok
Total Suspended Particulate	11:00 AM - 12:30 PM	mg/Nm3	-	0.5	5.15	5.27	80	120	United States Environmental Protection Agency, EPA Method 5	Bangkok
Metals Testing										
Antimony	11:00 AM - 12:30 PM	mg/Nm3	-	0.0005	<0.0005	<0.0005	-	-	United States Environmental Protection Agency, EPA Method 29	Bangkok
Arsenic	11:00 AM - 12:30 PM	mg/Nm3	-	0.0005	<0.0005	<0.0005	-	-	United States Environmental Protection Agency, EPA Method 29	Bangkok

Technical Management

Sawitree Noisangiam
Manager
ทะเบียนเลขที่ ว-204-จ-0007

กานทิกรรณ์ อเนก
Assistant General Manager
ทะเบียนเลขที่ ว-204-ก-0004

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S:\Reports_Air Stack_O2_2GL rpt (11:50AM)



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2473749
Date Received : Aug 30, 2024
Date Reported : Sep 12, 2024
Report Number: 3106747-1

Page 2 of 6

Sample Number 2473749-1
Sampled Date Aug 27, 2024
Sample Description Emission from Stationary Source
Location ปล่องหม้อเผา 5 (Main stack K5)
Date Analysis Commenced Sep 02, 2024
Condition of Sample Extracted into three 3-L collection flasks, one filter paper placed in plastic petri dish and one amber plastic bottle, refrigerated

Stack Description

Ambient Pressure	749	mmHg	Diameter	5.20	m	Oxygen	6.7	%
Ambient Temperature	32.0	°C	Shape	Circle		Carbon Dioxide	14.0	%
Type of Process	Combustion		Stack Temperature	132	°C	Gas Velocity	14.2	m/s
Type of Fuel	Coal		Moisture	14.08	%	Flow Rate (Actual O2)	673824	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result at 7 %O ₂ at 6.68 % O ₂		Guideline (1)	Guideline (2)	Method	Testing Location
Metals Testing										
Beryllium	11:00 AM - 12:30 PM	mg/Nm3	-	0.0005	<0.0005	<0.0005	-	-	United States Environmental Protection Agency, EPA Method 29	Bangkok
Cadmium	11:00 AM - 12:30 PM	mg/Nm3	-	0.0005	<0.0005	<0.0005	-	-	United States Environmental Protection Agency, EPA Method 29	Bangkok
Chromium	11:00 AM - 12:30 PM	mg/Nm3	-	0.0005	0.001	0.0010	-	-	United States Environmental Protection Agency, EPA Method 29	Bangkok
Cobalt	11:00 AM - 12:30 PM	mg/Nm3	-	0.0005	<0.0005	<0.0005	-	-	United States Environmental Protection Agency, EPA Method 29	Bangkok
Copper	11:00 AM - 12:30 PM	mg/Nm3	-	0.0005	0.01	0.0102	-	-	United States Environmental Protection Agency, EPA Method 29	Bangkok
Lead	11:00 AM - 12:30 PM	mg/Nm3	-	0.0005	<0.0005	<0.0005	-	-	United States Environmental Protection Agency, EPA Method 29	Bangkok

Technical Management

ทะเบียนเลขที่ ว-204-จ-0007

ทะเบียนเลขที่ ว-204-ก-0004

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S:\Reports_Air Stack_O2_2GL rpt (11:50AM)



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :

Project Name : Saraburi Factory Plant

Project Location :

Lot ID: 2473749

Date Received : Aug 30, 2024

Date Reported : Sep 12, 2024

Report Number: 3106747-1

Page 3 of 6

Sample Number 2473749-1
Sampled Date Aug 27, 2024
Sample Description Emission from Stationary Source
Location ปล่องหมายเลข 5 (Main stack K5)
Date Analysis Commenced Sep 02, 2024
Condition of Sample Extracted into three 3-L collection flasks, one filter paper placed in plastic petri dish and one amber plastic bottle, refrigerated

Stack Description

Ambient Pressure	749	mmHg	Diameter	5.20	m	Oxygen	6.7	%
Ambient Temperature	32.0	°C	Shape	Circle		Carbon Dioxide	14.0	%
Type of Process	Combustion		Stack Temperature	132	°C	Gas Velocity	14.2	m/s
Type of Fuel	Coal		Moisture	14.08	%	Flow Rate (Actual O2)	673824	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result at 7 % O ₂ at 6.68 % O ₂	Guideline (1)	Guideline (2)	Method	Testing Location
Metals Testing									
Manganese	11:00 AM - 12:30 PM	mg/Nm3	-	0.0005	0.11 0.1125	-	-	United States Environmental Protection Agency, EPA Method 29	Bangkok
Mercury	11:00 AM - 12:30 PM	mg/Nm3	-	0.0005	0.002 0.0020	0.1	-	United States Environmental Protection Agency, EPA Method 29	Bangkok
Nickel	11:00 AM - 12:30 PM	mg/Nm3	-	0.0005	0.001 0.0010	-	-	United States Environmental Protection Agency, EPA Method 29	Bangkok
Sb, As, Be, Cr, Co, Cu, Mn, Ni, V	11:00 AM - 12:30 PM	mg/Nm3	-	0.002	0.11 0.11	1	-	United States Environmental Protection Agency, EPA Method 29	Bangkok
Total of Cd and Pb	11:00 AM - 12:30 PM	mg/Nm3	-	0.001	<0.001 <0.001	0.2	-	United States Environmental Protection Agency, EPA Method 29	Bangkok
Vanadium	11:00 AM - 12:30 PM	mg/Nm3	-	0.0005	0.001 0.0010	-	-	United States Environmental Protection Agency, EPA Method 29	Bangkok

Technical Management

Manager
ทะเบียนเลขที่ ว-204-ก-0007

Assistant General Manager
ทะเบียนเลขที่ ว-204-ก-0004

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S:\Reports_Air Stack_O2_2GL.rpt (11:50AM)



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :

Project Name : Saraburi Factory Plant

Project Location :

Lot ID: 2473749

Date Received : Aug 30, 2024

Date Reported : Sep 12, 2024

Report Number: 3106747-1

Page 4 of 6

Sample Number 2473749-1
Sampled Date Aug 27, 2024
Sample Description Emission from Stationary Source
Location ปล่องหมายเลข 5 (Main stack K5)
Date Analysis Commenced Sep 02, 2024
Condition of Sample Extracted into three 3-L collection flasks, one filter paper placed in plastic petri dish and one amber plastic bottle, refrigerated

Stack Description

Ambient Pressure	749	mmHg	Diameter	5.20	m	Oxygen	6.7	%
Ambient Temperature	32.0	°C	Shape	Circle		Carbon Dioxide	14.0	%
Type of Process	Combustion		Stack Temperature	132	°C	Gas Velocity	14.2	m/s
Type of Fuel	Coal		Moisture	14.08	%	Flow Rate (Actual O2)	673824	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result at 7 % O ₂ at 6.68 % O ₂	Guideline (1)	Guideline (2)	Method	Testing Location
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Guideline :

- (1) Notification of the Ministry of Natural Resources and Environment, subjected "The emission air quality standards for waste utilization to be the fuel and raw material in cement factory processing", dated December 15, B.E.2549 (2006)
- (2) Notification of the Ministry of Industry, subjected "The emission air quality standards for cement factory", dated December 4, B.E.2549 (2006)

Technical Management

ทะเบียนเลขที่ ว-204-ก-0007

ทะเบียนเลขที่ ว-204-ก-0004

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2473749
Date Received : Aug 30, 2024
Date Reported : Sep 12, 2024
Report Number: 3106747-1

Page 5 of 6

Sample Number 2473749-1
Sampled Date Aug 27, 2024
Sample Description Emission from Stationary Source
Location ปล่องหมายเลข 5 (Main stack K5)
Date Analysis Commenced Sep 02, 2024
Condition of Sample Extracted into three 3-L collection flasks, one filter paper placed in plastic petri dish and one amber plastic bottle, refrigerated

Stack Description									
Ambient Pressure	749	mmHg	Diameter	5.20	m	Oxygen	6.7	%	
Ambient Temperature	32.0	°C	Shape	Circle		Carbon Dioxide	14.0	%	
Type of Process	Combustion		Stack Temperature	132	°C	Gas Velocity	14.2	m/s	
Type of Fuel	Coal		Moisture	14.08	%	Flow Rate (Actual O2)	673824	Nm3/hr	

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Air Testing									
Oxides of Nitrogen	11:00 AM - 11:15 AM	g/s	-	-	81.3	-	-	Calculated	Bangkok
Sulfur dioxide	12:50 AM - 01:20 PM	g/s	-	-	<0.9	-	-	Calculated	Bangkok
TSP	11:00 AM - 12:30 PM	g/s	-	-	0.99	-	-	Calculated	Bangkok
Metals Testing									
Antimony	11:00 AM - 12:30 PM	g/s	-	-	<0.00009	-	-	Calculated	Bangkok
Arsenic	11:00 AM - 12:30 PM	g/s	-	-	<0.00009	-	-	Calculated	Bangkok
Beryllium	11:00 AM - 12:30 PM	g/s	-	-	<0.00009	-	-	Calculated	Bangkok
Cadmium	11:00 AM - 12:30 PM	g/s	-	-	<0.00009	-	-	Calculated	Bangkok
Chromium	11:00 AM - 12:30 PM	g/s	-	-	0.0003	-	-	Calculated	Bangkok
Cobalt	11:00 AM - 12:30 PM	g/s	-	-	<0.00009	-	-	Calculated	Bangkok
Copper	11:00 AM - 12:30 PM	g/s	-	-	0.002	-	-	Calculated	Bangkok
Lead	11:00 AM - 12:30 PM	g/s	-	-	<0.00009	-	-	Calculated	Bangkok
Manganese	11:00 AM - 12:30 PM	g/s	-	-	0.02	-	-	Calculated	Bangkok
Mercury	11:00 AM - 12:30 PM	g/s	-	-	0.0004	-	-	Calculated	Bangkok

Technical Management

Sawitree Naisangiam
Manager
ทะเบียนเลขที่ ว-204-จ-0007

Rattasorn Anek
Assistant General Manager
ทะเบียนเลขที่ ว-204-ก-0004

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2473749
Date Received : Aug 30, 2024
Date Reported : Sep 12, 2024
Report Number: 3106747-1

Page 6 of 6

Sample Number 2473749-1
Sampled Date Aug 27, 2024
Sample Description Emission from Stationary Source
Location ปล่องหมายเลข 5 (Main stack K5)
Date Analysis Commenced Sep 02, 2024
Condition of Sample Extracted into three 3-L collection flasks, one filter paper placed in plastic petri dish and one amber plastic bottle, refrigerated

Stack Description									
Ambient Pressure	749	mmHg	Diameter	5.20	m	Oxygen	6.7	%	
Ambient Temperature	32.0	°C	Shape	Circle		Carbon Dioxide	14.0	%	
Type of Process	Combustion		Stack Temperature	132	°C	Gas Velocity	14.2	m/s	
Type of Fuel	Coal		Moisture	14.08	%	Flow Rate (Actual O2)	673824	Nm3/hr	

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Metals Testing									
Nickel	11:00 AM - 12:30 PM	g/s	-	-	0.0002	-	-	Calculated	Bangkok
Sb, As, Be, Cr, Co, Cu, Mn, Ni, V	11:00 AM - 12:30 PM	g/s	-	-	0.0004	-	-	Calculated	Bangkok
Total of Cd and Pb	11:00 AM - 12:30 PM	g/s	-	-	<0.0002	-	-	Calculated	Bangkok
Vanadium	11:00 AM - 12:30 PM	g/s	-	-	0.0003	-	-	Calculated	Bangkok

Sampling By : Kritsana Saiwan ทะเบียนเลขที่ ว-204-จ-0081

Remark :

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

Technical Management

ทะเบียนเลขที่ ว-204-จ-0007

ทะเบียนเลขที่ ว-204-ก-0004

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh, Saraburi
Thailand 18260

P/O :

Project Name : Saraburi Factory Plant

Project Location :

Lot ID: 2474493

Date Received : Aug 23, 2024

Date Reported : Aug 30, 2024

Report Number: 3039323-1

Page 1 of 2

Sample Number 2474493-1
Sampled Date Aug 23, 2024
Sample Description Emission from Stationary Source
Location ปล่องหม้อต้ม 5 (Clinker Cooler K5)
Date Analysis Commenced Aug 26, 2024
Condition of Sample Extracted into one filter paper placed in plastic petri dish

Stack Description

Ambient Pressure	751	mmHg	Diameter	5.20	m	Oxygen	20.7	%
Ambient Temperature	31.0	°C	Shape	Circle		Carbon Dioxide	0.0	%
Type of Process	Process		Stack Temperature	108	°C	Gas Velocity	12.8	m/s
Type of Fuel	-		Moisture	3.09	%	Flow Rate (Actual O2)	729960	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Air Testing									
Total Suspended Particulate	11:20 AM - 12:15 PM	mg/m3	-	0.5	10.4	80	120	United States Environmental Protection Agency, EPA Method 5	Bangkok

Guideline : (1) Notification of the Ministry of Natural Resources and Environment, subjected "The emission air quality standards for waste utilization to be the fuel and raw material in cement factory processing", dated December 15, B.E.2549 (2006)
(2) Notification of the Ministry of Industry, subjected "The emission air quality standards for cement factory", dated December 4, B.E.2549 (2006)

Technical Management

Scientist (3)
ทะเบียนเลขที่ ว-204-จ-0027

Assistant General Manager
ทะเบียนเลขที่ ว-204-ก-0004

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S\Reports\Air Stack_2GL.rpt (6:55PM)



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh, Saraburi
Thailand 18260

P/O :

Project Name : Saraburi Factory Plant

Project Location :

Lot ID: 2474493

Date Received : Aug 23, 2024

Date Reported : Aug 30, 2024

Report Number: 3039323-1

Page 2 of 2

Sample Number 2474493-1
Sampled Date Aug 23, 2024
Sample Description Emission from Stationary Source
Location ปล่องหม้อต้ม 5 (Clinker Cooler K5)
Date Analysis Commenced Aug 26, 2024
Condition of Sample Extracted into one filter paper placed in plastic petri dish

Stack Description

Ambient Pressure	751	mmHg	Diameter	5.20	m	Oxygen	20.7	%
Ambient Temperature	31.0	°C	Shape	Circle		Carbon Dioxide	0.0	%
Type of Process	Process		Stack Temperature	108	°C	Gas Velocity	12.8	m/s
Type of Fuel	-		Moisture	3.09	%	Flow Rate (Actual O2)	729960	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result Emission Rate	Guideline (1)	Guideline (2)	Method	Testing Location
Air Testing									
Total Suspended Particulate	11:20 AM - 12:15 PM	g/s	-	-	2.10	-	-	Calculated	Bangkok

Guideline : (1) Notification of the Ministry of Natural Resources and Environment, subjected "The emission air quality standards for waste utilization to be the fuel and raw material in cement factory processing", dated December 15, B.E.2549 (2006)
(2) Notification of the Ministry of Industry, subjected "The emission air quality standards for cement factory", dated December 4, B.E.2549 (2006)

Sampling By : Chawalit Wongchan ทะเบียนเลขที่ ว-204-จ-0047

Remark :

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

Technical Management

ทะเบียนเลขที่ ว-204-จ-0027

ทะเบียนเลขที่ ว-204-ก-0004

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S\Reports\Air Stack_2GL.rpt (6:55PM)



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2474514
Date Received : Aug 23, 2024
Date Reported : Aug 30, 2024
Report Number: 3039385-1

Page 1 of 2

Sample Number 2474514-1
Sampled Date Aug 20, 2024
Sample Description Emission from Stationary Source
Location ปล่องหมอนคั่วหิน KSM1 (Coal mill KSM1)
Date Analysis Commenced Aug 26, 2024
Condition of Sample Extracted into one filter paper placed in plastic petri dish

Stack Description

Ambient Pressure	750	mmHg	Diameter	1.90	m	Oxygen	8.5	%
Ambient Temperature	30.0	°C	Shape	Circle		Carbon Dioxide	7.1	%
Type of Process	Process		Stack Temperature	77.5	°C	Gas Velocity	25.9	m/s
Type of Fuel	-		Moisture	22.29	%	Flow Rate (Actual O2)	173503	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Air Testing									
Total Suspended Particulate	12:35 PM - 01:23 PM	mg/m3	-	0.5	11.4	80	120	United States Environmental Protection Agency, EPA Method 5	Bangkok

Guideline : (1) Notification of the Ministry of Natural Resources and Environment, subjected "The emission air quality standards for waste utilization to be the fuel and raw material in cement factory processing", dated December 15, B.E.2549 (2006)
(2) Notification of the Ministry of Industry, subjected "The emission air quality standards for cement factory", dated December 4, B.E.2549 (2006)

Technical Management

Scientist (3)
หมายเลข 7-204-ก-0027

Assistant General Manager
หมายเลข 7-204-ก-0004

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S\Reports_Air Stack_2GL.rpt (7 03PM)



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2474514
Date Received : Aug 23, 2024
Date Reported : Aug 30, 2024
Report Number: 3039385-1

Page 2 of 2

Sample Number 2474514-1
Sampled Date Aug 20, 2024
Sample Description Emission from Stationary Source
Location ปล่องหมอนคั่วหิน KSM1 (Coal mill KSM1)
Date Analysis Commenced Aug 26, 2024
Condition of Sample Extracted into one filter paper placed in plastic petri dish

Stack Description

Ambient Pressure	750	mmHg	Diameter	1.90	m	Oxygen	8.5	%
Ambient Temperature	30.0	°C	Shape	Circle		Carbon Dioxide	7.1	%
Type of Process	Process		Stack Temperature	77.5	°C	Gas Velocity	25.9	m/s
Type of Fuel	-		Moisture	22.29	%	Flow Rate (Actual O2)	173503	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result Emission Rate	Guideline (1)	Guideline (2)	Method	Testing Location
Air Testing									
Total Suspended Particulate	12:35 PM - 01:23 PM	g/s	-	-	0.55	-	-	Calculated	Bangkok

Guideline : (1) Notification of the Ministry of Natural Resources and Environment, subjected "The emission air quality standards for waste utilization to be the fuel and raw material in cement factory processing", dated December 15, B.E.2549 (2006)
(2) Notification of the Ministry of Industry, subjected "The emission air quality standards for cement factory", dated December 4, B.E.2549 (2006)

Sampling By : Chawalit Wongchan หมายเลข 7-204-ก-0047

Remark :

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

Technical Management

หมายเลข 7-204-ก-0027

หมายเลข 7-204-ก-0004

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S\Reports_Air Stack_2GL.rpt (7 03PM)



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :

Project Name : Saraburi Factory Plant

Project Location :

Lot ID: 2474515

Date Received : Aug 23, 2024

Date Reported : Aug 30, 2024

Report Number: 3039388-1

Page 1 of 2

Sample Number 2474515-1
Sampled Date Aug 20, 2024
Sample Description Emission from Stationary Source
Location ปล่องหม้อต้มถ่านหิน K5M2 (Coal mill K5M2)
Date Analysis Commenced Aug 26, 2024
Condition of Sample Extracted into one filter paper placed in plastic petri dish

Stack Description

Ambient Pressure	750	mmHg	Diameter	1.90	m	Oxygen	8.4	%
Ambient Temperature	30.0	°C	Shape	Circle		Carbon Dioxide	7.1	%
Type of Process	Process		Stack Temperature	79.5	°C	Gas Velocity	25.2	m/s
Type of Fuel	-		Moisture	18.54	%	Flow Rate (Actual O2)	175789	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
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Air Testing

Total Suspended Particulate	11:00 AM - 11:42 AM	mg/m3	-	0.5	31.8	80	120	United States Environmental Protection Agency, EPA Method 5	Bangkok
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Guideline : (1) Notification of the Ministry of Natural Resources and Environment, subjected "The emission air quality standards for waste utilization to be the fuel and raw material in cement factory processing", dated December 15, B.E.2549 (2006)
(2) Notification of the Ministry of Industry, subjected "The emission air quality standards for cement factory", dated December 4, B.E.2549 (2006)

Technical Management

Scientist (3)
ทะเบียนเลขที่ ว-204-ก-0027

Assistant General Manager
ทะเบียนเลขที่ ว-204-ก-0004

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :

Project Name : Saraburi Factory Plant

Project Location :

Lot ID: 2474515

Date Received : Aug 23, 2024

Date Reported : Aug 30, 2024

Report Number: 3039388-1

Page 2 of 2

Sample Number 2474515-1
Sampled Date Aug 20, 2024
Sample Description Emission from Stationary Source
Location ปล่องหม้อต้มถ่านหิน K5M2 (Coal mill K5M2)
Date Analysis Commenced Aug 26, 2024
Condition of Sample Extracted into one filter paper placed in plastic petri dish

Stack Description

Ambient Pressure	750	mmHg	Diameter	1.90	m	Oxygen	8.4	%
Ambient Temperature	30.0	°C	Shape	Circle		Carbon Dioxide	7.1	%
Type of Process	Process		Stack Temperature	79.5	°C	Gas Velocity	25.2	m/s
Type of Fuel	-		Moisture	18.54	%	Flow Rate (Actual O2)	175789	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result Emission Rate	Guideline (1)	Guideline (2)	Method	Testing Location
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Air Testing

Total Suspended Particulate	11:00 AM - 11:42 AM	g/s	-	-	1.55	-	-	Calculated	Bangkok
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Guideline : (1) Notification of the Ministry of Natural Resources and Environment, subjected "The emission air quality standards for waste utilization to be the fuel and raw material in cement factory processing", dated December 15, B.E.2549 (2006)
(2) Notification of the Ministry of Industry, subjected "The emission air quality standards for cement factory", dated December 4, B.E.2549 (2006)

Sampling By : Chawalit Wongchan ทะเบียนเลขที่ ว-204-ก-0047

Remark :

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

Technical Management

Scientist (3)
ทะเบียนเลขที่ ว-204-ก-0027

Assistant General Manager
ทะเบียนเลขที่ ว-204-ก-0004

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Analysis / Test Report



TESTING
No.0009

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh, Saraburi
Thailand 18260

P/O :

Project Name : Saraburi Factory Plant

Project Location :

Lot ID: 24130663

Date Received : Nov 19, 2024

Date Reported : Nov 25, 2024

Report Number: 3167395-1

Page 1 of 2

Sample Number 24130663-1
Sampled Date Nov 19, 2024
Sample Description Emission from Stationary Source
Location ปล่องหม้อเผา 6 (Mian Stack K6)
Date Analysis Commenced Nov 20, 2024
Condition of Sample Extracted into one filter paper placed in plastic petri dish

Stack Description

Ambient Pressure	760	mmHg	Diameter	5.20	m	Oxygen	8.9	%
Ambient Temperature	29.4	°C	Shape	Circle		Carbon Dioxide	10.6	%
Type of Process	Combustion		Stack Temperature	136	°C	Gas Velocity	17.1	m/s
Type of Fuel	Coal		Moisture	16.19	%	Flow Rate (Actual O2)	797906	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result at 7 %O ₂ at 8.9 % O ₂	Guideline (1)	Guideline (2)	Method	Testing Location
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Air Testing

Total Suspended Particulate	10:00 AM - 10:53 AM	mg/Nm3	-	0.5	38.01	32.81	80	120	U.S. Environmental Protection Agency 40 CFR method 5, Appendix A, 2020 (Include sampling)	Bangkok
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Guideline :

- (1) Notification of the Ministry of Natural Resources and Environment, subjected "The emission air quality standards for waste utilization to be the fuel and raw material in cement factory processing", dated December 15, B.E.2549 (2006)
- (2) Notification of the Ministry of Industry, subjected "The emission air quality standards for cement factory", dated December 4, B.E.2549 (2006)

Technical Management

Saranya Chalermthamrong
Scientist (4)
ทะเบียนเลขที่ ว-204-ก-0011

Kanokkorn Anek
Assistant General Manager
ทะเบียนเลขที่ ว-204-ก-0004

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Analysis / Test Report



TESTING
No.0009

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh, Saraburi
Thailand 18260

P/O :

Project Name : Saraburi Factory Plant

Project Location :

Lot ID: 24130663

Date Received : Nov 19, 2024

Date Reported : Nov 25, 2024

Report Number: 3167395-1

Page 2 of 2

Sample Number 24130663-1
Sampled Date Nov 19, 2024
Sample Description Emission from Stationary Source
Location ปล่องหม้อเผา 6 (Mian Stack K6)
Date Analysis Commenced Nov 20, 2024
Condition of Sample Extracted into one filter paper placed in plastic petri dish

Stack Description

Ambient Pressure	760	mmHg	Diameter	5.20	m	Oxygen	8.9	%
Ambient Temperature	29.4	°C	Shape	Circle		Carbon Dioxide	10.6	%
Type of Process	Combustion		Stack Temperature	136	°C	Gas Velocity	17.1	m/s
Type of Fuel	Coal		Moisture	16.19	%	Flow Rate (Actual O2)	797906	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result Emission Rate	Guideline (1)	Guideline (2)	Method	Testing Location
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Air Testing

TSP *	10:00 AM - 10:53 AM	g/s	-	-	7.29	-	-	Calculated	Bangkok
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Sampling By : Navaphut Sriviriya ทะเบียนเลขที่ ว-204-ก-0066

Remark :

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

Technical Management

Saranya Chalermthamrong
Scientist (4)
ทะเบียนเลขที่ ว-204-ก-0011

Kanokkorn Anek
Assistant General Manager
ทะเบียนเลขที่ ว-204-ก-0004

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :

Project Name : Saraburi Factory Plant

Project Location :

Lot ID: 24119651

Date Received : Oct 22, 2024

Date Reported : Jan 20, 2025

Report Number: 3141248-3

Page 1 of 2

Sample Number 24119651-1
Sampled Date Oct 21, 2024
Sample Description Emission from Stationary Source
Location ปล่องหมายเลข 6 (Main stack K6)
Date Analysis Commenced Oct 23, 2024
Condition of Sample Extracted into three 2-L collection flasks, one filter paper placed in plastic petri dish and one 10-L air sampling bag

Stack Description

Ambient Pressure	745	mmHg	Diameter	5.20	m	Oxygen	7.0	%
Ambient Temperature	32.0	°C	Shape	Circle		Carbon Dioxide	13.6	%
Type of Process	Combustion		Stack Temperature	134	°C	Gas Velocity	16.6	m/s
Type of Fuel	Coal		Moisture	18.45	%	Flow Rate (Actual O2)	741413	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result at 7 % O ₂	Result at 7.0 % O ₂	Guideline (1)	Guideline (2)	Method	Testing Location
Oxides of Nitrogen	11:30 AM - 11:45 AM	ppm	-	1.06	281	281.00	500	500	United States Environmental Protection Agency, EPA Method 7	Bangkok

Guideline :

- (1) Notification of the Ministry of Natural Resources and Environment, subjected "The emission air quality standards for waste utilization to be the fuel and raw material in cement factory processing", dated December 15, B.E.2549 (2006)
- (2) Notification of the Ministry of Industry, subjected "The emission air quality standards for cement factory", dated December 4, B.E.2549 (2006)

Technical Management

Saranya Chalermthamrong
Scientist (4)
หมายเลข 7-204-ก-0011

Kanokkorn Anek
Assistant General Manager
หมายเลข 7-204-ก-0004

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S:\Reports_Air Stack_O2_2GL.rpt (10-48AM)



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :

Project Name : Saraburi Factory Plant

Project Location :

Lot ID: 24119651

Date Received : Oct 22, 2024

Date Reported : Jan 20, 2025

Report Number: 3141248-3

Page 2 of 2

Sample Number 24119651-1
Sampled Date Oct 21, 2024
Sample Description Emission from Stationary Source
Location ปล่องหมายเลข 6 (Main stack K6)
Date Analysis Commenced Oct 23, 2024
Condition of Sample Extracted into three 2-L collection flasks, one filter paper placed in plastic petri dish and one 10-L air sampling bag

Stack Description

Ambient Pressure	745	mmHg	Diameter	5.20	m	Oxygen	7.0	%
Ambient Temperature	32.0	°C	Shape	Circle		Carbon Dioxide	13.6	%
Type of Process	Combustion		Stack Temperature	134	°C	Gas Velocity	16.6	m/s
Type of Fuel	Coal		Moisture	18.45	%	Flow Rate (Actual O2)	741413	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result Emission Rate	Guideline (1)	Guideline (2)	Method	Testing Location
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Oxides of Nitrogen	11:30 AM - 11:45 AM	g/s	-	-	109	-	-	Calculated	Bangkok
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Note:

This Analysis test report is reissued to supersede report No.3141248-1, Date Reported : Oct 30, 2024 due to revise analytical information.

Sampling By : Khanetson Khamphet หมายเลข 7-204-ก-0044

Remark :

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

Technical Management

Saranya Chalermthamrong
Scientist (4)
หมายเลข 7-204-ก-0011

Kanokkorn Anek
Assistant General Manager
หมายเลข 7-204-ก-0004

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S:\Reports_Air Stack_O2_2GL.rpt (10-48AM)



Analysis / Test Report

Client : Siam City Cement Public Company Limited

99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O : 4100119854

Project Name : Saraburi Factory Plant

Project Location :

Lot ID: 2473750

Date Received : Aug 30, 2024

Date Reported : Jan 20, 2025

Report Number: 3106748-1 Rev. No.1

Page 1 of 5

Sample Number 2473750-1
Sampled Date Aug 29, 2024
Sample Description Emission from Stationary Source
Location ปล่องหมายเลข 6 (Main stack K6)
Date Analysis Commenced Sep 02, 2024
Condition of Sample Extracted into three 3-L collection flasks, one filter paper placed in plastic petri dish and one amber plastic bottle, refrigerated

Stack Description

Ambient Pressure	750	mmHg	Diameter	5.20	m	Oxygen	11.3	%
Ambient Temperature	32.0	°C	Shape	Circle		Carbon Dioxide	8.4	%
Type of Process	Combustion		Stack Temperature	118	°C	Gas Velocity	18.9	m/s
Type of Fuel	Coal		Moisture	15.73	%	Flow Rate (Actual O2)	914943	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result at 7 % O ₂ at 11.3 % O ₂	Guideline (1)	Guideline (2)	Method	Testing Location
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Air Testing

Sulfur dioxide	12:15 PM - 12:45 PM	ppm	-	2.0	<2.00 <2.00	30	50	United States Environmental Protection Agency, EPA Method 6	Bangkok
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Metals Testing

Antimony	11:00 AM - 11:50 AM	mg/Nm3	-	0.0005	<0.0005 <0.0005	-	-	United States Environmental Protection Agency, EPA Method 29	Bangkok
Arsenic	11:00 AM - 11:50 AM	mg/Nm3	-	0.0005	<0.0005 <0.0005	-	-	United States Environmental Protection Agency, EPA Method 29	Bangkok
Beryllium	11:00 AM - 11:50 AM	mg/Nm3	-	0.0005	<0.0005 <0.0005	-	-	United States Environmental Protection Agency, EPA Method 29	Bangkok
Cadmium	11:00 AM - 11:50 AM	mg/Nm3	-	0.0005	<0.0005 <0.0005	-	-	United States Environmental Protection Agency, EPA Method 29	Bangkok

Technical Management

Sawitree Naisangiam

Manager

ทะเบียนเลขที่ ว-204-ก-0007

Approved by

Kanokkorn Anek
Assistant General Manager

ทะเบียนเลขที่ ว-204-ก-0004

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S\Reports_Air Stack_O2_2GL rpt (1 26PM)



Analysis / Test Report

Client : Siam City Cement Public Company Limited

99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O : 4100119854

Project Name : Saraburi Factory Plant

Project Location :

Lot ID: 2473750

Date Received : Aug 30, 2024

Date Reported : Jan 20, 2025

Report Number: 3106748-1 Rev. No.1

Page 2 of 5

Sample Number 2473750-1
Sampled Date Aug 29, 2024
Sample Description Emission from Stationary Source
Location ปล่องหมายเลข 6 (Main stack K6)
Date Analysis Commenced Sep 02, 2024
Condition of Sample Extracted into three 3-L collection flasks, one filter paper placed in plastic petri dish and one amber plastic bottle, refrigerated

Stack Description

Ambient Pressure	750	mmHg	Diameter	5.20	m	Oxygen	11.3	%
Ambient Temperature	32.0	°C	Shape	Circle		Carbon Dioxide	8.4	%
Type of Process	Combustion		Stack Temperature	118	°C	Gas Velocity	18.9	m/s
Type of Fuel	Coal		Moisture	15.73	%	Flow Rate (Actual O2)	914943	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result at 7 % O ₂ at 11.3 % O ₂	Guideline (1)	Guideline (2)	Method	Testing Location
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Metals Testing

Chromium	11:00 AM - 11:50 AM	mg/Nm3	-	0.0005	0.004 0.0028	-	-	United States Environmental Protection Agency, EPA Method 29	Bangkok
Cobalt	11:00 AM - 11:50 AM	mg/Nm3	-	0.0005	<0.0005 <0.0005	-	-	United States Environmental Protection Agency, EPA Method 29	Bangkok
Copper	11:00 AM - 11:50 AM	mg/Nm3	-	0.0005	0.004 0.0028	-	-	United States Environmental Protection Agency, EPA Method 29	Bangkok
Lead	11:00 AM - 11:50 AM	mg/Nm3	-	0.0005	<0.0005 <0.0005	-	-	United States Environmental Protection Agency, EPA Method 29	Bangkok
Manganese	11:00 AM - 11:50 AM	mg/Nm3	-	0.0005	0.06 0.0414	-	-	United States Environmental Protection Agency, EPA Method 29	Bangkok
Mercury	11:00 AM - 11:50 AM	mg/Nm3	-	0.0005	0.01 0.0069	0.1	-	United States Environmental Protection Agency, EPA Method 29	Bangkok

Technical Management

Sawitree Naisangiam
Manager

ทะเบียนเลขที่ ว-204-ก-0007

Approved by

Kanokkorn Anek
Assistant General Manager

ทะเบียนเลขที่ ว-204-ก-0004

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S\Reports_Air Stack_O2_2GL rpt (1 26PM)



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhol, Saraburi
Thailand 18260
P/O : 4100119854
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2473750
Date Received : Aug 30, 2024
Date Reported : Jan 20, 2025
Report Number: 3106748-1 Rev. No.1

Page 3 of 5

Sample Number 2473750-1
Sampled Date Aug 29, 2024
Sample Description Emission from Stationary Source
Location ปล่องหม้อเผา 6 (Main stack K6)
Date Analysis Commenced Sep 02, 2024
Condition of Sample Extracted into three 3-L collection flasks, one filter paper placed in plastic petri dish and one amber plastic bottle, refrigerated

Stack Description

Ambient Pressure	750	mmHg	Diameter	5.20	m	Oxygen	11.3	%
Ambient Temperature	32.0	°C	Shape	Circle		Carbon Dioxide	8.4	%
Type of Process	Combustion		Stack Temperature	118	°C	Gas Velocity	18.9	m/s
Type of Fuel	Coal		Moisture	15.73	%	Flow Rate (Actual O2)	914943	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result at 7 % O ₂	at 11.3 % O ₂	Guideline (1)	Guideline (2)	Method	Testing Location
Metals Testing										
Nickel	11:00 AM - 11:50 AM	mg/Nm3	-	0.0005	0.001	0.0007	-	-	United States Environmental Protection Agency, EPA Method 29	Bangkok
Sb, As, Be, Cr, Co, Cu, Mn, Ni, V	11:00 AM - 11:50 AM	mg/Nm3	-	0.002	0.06	0.04	1	-	United States Environmental Protection Agency, EPA Method 29	Bangkok
Total of Cd and Pb	11:00 AM - 11:50 AM	mg/Nm3	-	0.001	<0.001	<0.001	0.2	-	United States Environmental Protection Agency, EPA Method 29	Bangkok
Vanadium	11:00 AM - 11:50 AM	mg/Nm3	-	0.0005	0.003	0.0021	-	-	United States Environmental Protection Agency, EPA Method 29	Bangkok

Guideline :

- (1) Notification of the Ministry of Natural Resources and Environment, subjected "The emission air quality standards for waste utilization to be the fuel and raw material in cement factory processing", dated December 15, B.E.2549 (2006)
- (2) Notification of the Ministry of Industry, subjected "The emission air quality standards for cement factory", dated December 4, B.E.2549 (2006)

Technical Management

Sawitree Noisangiam
Manager
หมายเลขโทรศัพท์ ๖-204-๖-0007

Kanokkorn Anek
Assistant General Manager
หมายเลขโทรศัพท์ ๖-204-๖-0004

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S:\Reports_Air Stack_02_2GL.rpt (1 26PM)



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhol, Saraburi
Thailand 18260
P/O : 4100119854
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2473750
Date Received : Aug 30, 2024
Date Reported : Jan 20, 2025
Report Number: 3106748-1 Rev. No.1

Page 4 of 5

Sample Number 2473750-1
Sampled Date Aug 29, 2024
Sample Description Emission from Stationary Source
Location ปล่องหม้อเผา 6 (Main stack K6)
Date Analysis Commenced Sep 02, 2024
Condition of Sample Extracted into three 3-L collection flasks, one filter paper placed in plastic petri dish and one amber plastic bottle, refrigerated

Stack Description

Ambient Pressure	750	mmHg	Diameter	5.20	m	Oxygen	11.3	%
Ambient Temperature	32.0	°C	Shape	Circle		Carbon Dioxide	8.4	%
Type of Process	Combustion		Stack Temperature	118	°C	Gas Velocity	18.9	m/s
Type of Fuel	Coal		Moisture	15.73	%	Flow Rate (Actual O2)	914943	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result Emission Rate	Guideline (1)	Guideline (2)	Method	Testing Location
Air Testing									
Sulfur dioxide	12:15 PM - 12:45 PM	g/s	-	-	<1.3	-	-	Calculated	Bangkok
Metals Testing									
Antimony	11:00 AM - 11:50 AM	g/s	-	-	<0.0001	-	-	Calculated	Bangkok
Arsenic	11:00 AM - 11:50 AM	g/s	-	-	<0.0001	-	-	Calculated	Bangkok
Beryllium	11:00 AM - 11:50 AM	g/s	-	-	<0.0001	-	-	Calculated	Bangkok
Cadmium	11:00 AM - 11:50 AM	g/s	-	-	<0.0001	-	-	Calculated	Bangkok
Chromium	11:00 AM - 11:50 AM	g/s	-	-	0.0006	-	-	Calculated	Bangkok
Cobalt	11:00 AM - 11:50 AM	g/s	-	-	<0.0001	-	-	Calculated	Bangkok
Copper	11:00 AM - 11:50 AM	g/s	-	-	0.0007	-	-	Calculated	Bangkok
Lead	11:00 AM - 11:50 AM	g/s	-	-	<0.0002	-	-	Calculated	Bangkok
Manganese	11:00 AM - 11:50 AM	g/s	-	-	0.01	-	-	Calculated	Bangkok
Mercury	11:00 AM - 11:50 AM	g/s	-	-	0.002	-	-	Calculated	Bangkok
Nickel	11:00 AM - 11:50 AM	g/s	-	-	0.0002	-	-	Calculated	Bangkok
Sb, As, Be, Cr, Co, Cu, Mn, Ni, V	11:00 AM - 11:50 AM	g/s	-	-		-	-		Bangkok

Technical Management

Sawitree Noisangiam
Manager
หมายเลขโทรศัพท์ ๖-204-๖-0007

Kanokkorn Anek
Assistant General Manager
หมายเลขโทรศัพท์ ๖-204-๖-0004

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh, Saraburi
Thailand 18260
P/O : 4100119854
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2473750
Date Received : Aug 30, 2024
Date Reported : Jan 20, 2025
Report Number: 3106748-1 Rev. No.1

Page 5 of 5

Sample Number 2473750-1
Sampled Date Aug 29, 2024
Sample Description Emission from Stationary Source
Location ปล่องหม้อเผา 6 (Main stack K6)
Date Analysis Commenced Sep 02, 2024
Condition of Sample Extracted into three 3-L collection flasks, one filter paper placed in plastic petri dish and one amber plastic bottle, refrigerated

Stack Description

Ambient Pressure	750	mmHg	Diameter	5.20	m	Oxygen	11.3	%
Ambient Temperature	32.0	°C	Shape	Circle		Carbon Dioxide	8.4	%
Type of Process	Combustion		Stack Temperature	118	°C	Gas Velocity	18.9	m/s
Type of Fuel	Coal		Moisture	15.73	%	Flow Rate (Actual O2)	914943	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result Emission Rate	Guideline (1)	Guideline (2)	Method	Testing Location
Metals Testing									
Total of Cd and Pb	11:00 AM - 11:50 AM	g/s	-	-	<0.0003	-	-	Calculated	Bangkok
Vanadium	11:00 AM - 11:50 AM	g/s	-	-	0.0005	-	-	Calculated	Bangkok

Note:

This Analysis test report is reissued to supersede report No.3106748-1, Date Reported : Sep 12, 2024 due to revise analytical information.

Sampling By : Kritsana Saiwan ทะเบียนเลขที่ 7-204-ก-0081

Remark :

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

Technical Management

Sawitree Noisanglam
Manager
ทะเบียนเลขที่ 7-204-ก-0007

Kanokkorn Anek
Assistant General Manager
ทะเบียนเลขที่ 7-204-ก-0004

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S:\Reports_Air Stack_O2_2GL.rpt (1 26PM)



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh, Saraburi
Thailand 18260
P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2474495
Date Received : Sep 06, 2024
Date Reported : Sep 13, 2024
Report Number: 3039324-1

Page 1 of 2

Sample Number 2474495-1
Sampled Date Sep 06, 2024
Sample Description Emission from Stationary Source
Location ปล่องหม้อเผา 6 (Clinker Cooler K6)
Date Analysis Commenced Sep 09, 2024
Condition of Sample Extracted into one filter paper placed in plastic petri dish

Stack Description

Ambient Pressure	746	mmHg	Diameter	5.20	m	Oxygen	20.9	%
Ambient Temperature	33.0	°C	Shape	Circle		Carbon Dioxide	0.0	%
Type of Process	Process		Stack Temperature	128	°C	Gas Velocity	9.8	m/s
Type of Fuel	-		Moisture	4.08	%	Flow Rate (Actual O2)	523895	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Air Testing									
Total Suspended Particulate	11:10 AM - 12:00 PM	mg/m3	-	0.5	<0.5	80	120	United States Environmental Protection Agency, EPA Method 5	Bangkok

Guideline : (1) Notification of the Ministry of Natural Resources and Environment, subjected "The emission air quality standards for waste utilization to be the fuel and raw material in cement factory processing", dated December 15, B.E.2549 (2006)
(2) Notification of the Ministry of Industry, subjected "The emission air quality standards for cement factory", dated December 4, B.E.2549 (2006)

Technical Management

Scientist (3)
ทะเบียนเลขที่ 7-204-ก-0027

Assistant General Manager
ทะเบียนเลขที่ 7-204-ก-0004

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :

Project Name : Saraburi Factory Plant

Project Location :

Lot ID: 2474495

Date Received : Sep 06, 2024

Date Reported : Sep 13, 2024

Report Number: 3039324-1

Page 2 of 2

Sample Number 2474495-1
Sampled Date Sep 06, 2024
Sample Description Emission from Stationary Source
Location ปล่องหม้อต้ม 6 (Clinker Cooler K6)
Date Analysis Commenced Sep 09, 2024
Condition of Sample Extracted into one filter paper placed in plastic petri dish

Stack Description

Ambient Pressure	746	mmHg	Diameter	5.20	m	Oxygen	20.9	%
Ambient Temperature	33.0	°C	Shape	Circle		Carbon Dioxide	0.0	%
Type of Process	Process		Stack Temperature	128	°C	Gas Velocity	9.8	m/s
Type of Fuel	-		Moisture	4.08	%	Flow Rate (Actual O2)	52389S	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result Emission Rate	Guideline (1)	Guideline (2)	Method	Testing Location
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Air Testing

Total Suspended Particulate	11:10 AM - 12:00 PM	g/s	-	-	<0.07	-	-	Calculated	Bangkok
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Guideline : (1) Notification of the Ministry of Natural Resources and Environment, subjected "The emission air quality standards for waste utilization to be the fuel and raw material in cement factory processing", dated December 15, B.E.2549 (2006)
(2) Notification of the Ministry of Industry, subjected "The emission air quality standards for cement factory", dated December 4, B.E.2549 (2006)

Sampling By : Kritsana Saiwan ทะเบียนเลขที่ ว-204-จ-0081

Remark :

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

Technical Management

Scientist (3)
ทะเบียนเลขที่ ว-204-จ-0027

Assistant General Manager
ทะเบียนเลขที่ ว-204-ก-0004

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S\Reports_Air Stack_2GL rpt (12 16PM)



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :

Project Name : Saraburi Factory Plant

Project Location :

Lot ID: 2474516

Date Received : Aug 30, 2024

Date Reported : Sep 05, 2024

Report Number: 3039392-1

Page 1 of 2

Sample Number 2474516-1
Sampled Date Aug 30, 2024
Sample Description Emission from Stationary Source
Location ปล่องหม้อต้มถ่านหิน K6M1 (Coal mill K6M1)
Date Analysis Commenced Sep 02, 2024
Condition of Sample Extracted into one filter paper placed in plastic petri dish

Stack Description

Ambient Pressure	749	mmHg	Diameter	1.90	m	Oxygen	8.2	%
Ambient Temperature	32.0	°C	Shape	Circle		Carbon Dioxide	11.2	%
Type of Process	Process		Stack Temperature	81.2	°C	Gas Velocity	25.1	m/s
Type of Fuel	-		Moisture	18.81	%	Flow Rate (Actual O2)	173120	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
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Air Testing

Total Suspended Particulate	11:00 AM - 11:55 AM	mg/m3	-	0.5	4.7	80	120	United States Environmental Protection Agency, EPA Method 5	Bangkok
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Guideline : (1) Notification of the Ministry of Natural Resources and Environment, subjected "The emission air quality standards for waste utilization to be the fuel and raw material in cement factory processing", dated December 15, B.E.2549 (2006)
(2) Notification of the Ministry of Industry, subjected "The emission air quality standards for cement factory", dated December 4, B.E.2549 (2006)

Technical Management

Scientist (3)
ทะเบียนเลขที่ ว-204-จ-0027

Assistant General Manager
ทะเบียนเลขที่ ว-204-ก-0004

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S\Reports_Air Stack_2GL rpt (5:30PM)



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2474516
Date Received : Aug 30, 2024
Date Reported : Sep 05, 2024
Report Number: 3039392-1

Page 2 of 2

Sample Number 2474516-1
Sampled Date Aug 30, 2024
Sample Description Emission from Stationary Source
Location ปล่องพ่นปูนซีเมนต์ K6M1 (Coal mill K6M1)
Date Analysis Commenced Sep 02, 2024
Condition of Sample Extracted into one filter paper placed in plastic petri dish

Stack Description

Ambient Pressure	749	mmHg	Diameter	1.90	m	Oxygen	8.2	%
Ambient Temperature	32.0	°C	Shape	Circle		Carbon Dioxide	11.2	%
Type of Process	Process		Stack Temperature	81.2	°C	Gas Velocity	25.1	m/s
Type of Fuel	-		Moisture	18.81	%	Flow Rate (Actual O2)	173120	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result Emission Rate	Guideline (1)	Guideline (2)	Method	Testing Location
Air Testing									
Total Suspended Particulate	11:00 AM - 11:55 AM	g/s	-	-	0.23	-	-	Calculated	Bangkok

Guideline : (1) Notification of the Ministry of Natural Resources and Environment, subjected "The emission air quality standards for waste utilization to be the fuel and raw material in cement factory processing", dated December 15, B.E.2549 (2006)
(2) Notification of the Ministry of Industry, subjected "The emission air quality standards for cement factory", dated December 4, B.E.2549 (2006)

Sampling By : Kritsana Salwan ทะเบียนเลขที่ ๖-204-๖-0081

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

Technical Management

Orawan Rakyong
Scientist (3)
ทะเบียนเลขที่ ๖-204-๖-0027

Kanokorn Arak
Assistant General Manager
ทะเบียนเลขที่ ๖-204-๖-0004

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S\Reports\Air Stack_2GL.rpt (5:30PM)



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2474517
Date Received : Aug 30, 2024
Date Reported : Sep 05, 2024
Report Number: 3039393-1

Page 1 of 2

Sample Number 2474517-1
Sampled Date Aug 26, 2024
Sample Description Emission from Stationary Source
Location ปล่องพ่นปูนซีเมนต์ K6M2 (Coal mill K6M2)
Date Analysis Commenced Sep 02, 2024
Condition of Sample Extracted into one filter paper placed in plastic petri dish

Stack Description

Ambient Pressure	750	mmHg	Diameter	1.90	m	Oxygen	10.4	%
Ambient Temperature	32.0	°C	Shape	Circle		Carbon Dioxide	6.0	%
Type of Process	Process		Stack Temperature	80.2	°C	Gas Velocity	21.7	m/s
Type of Fuel	-		Moisture	17.36	%	Flow Rate (Actual O2)	153336	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Air Testing									
Total Suspended Particulate	10:40 AM - 11:28 AM	mg/m3	-	0.5	15.8	80	120	United States Environmental Protection Agency, EPA Method 5	Bangkok

Guideline : (1) Notification of the Ministry of Natural Resources and Environment, subjected "The emission air quality standards for waste utilization to be the fuel and raw material in cement factory processing", dated December 15, B.E.2549 (2006)
(2) Notification of the Ministry of Industry, subjected "The emission air quality standards for cement factory", dated December 4, B.E.2549 (2006)

Technical Management

Orawan Rakyong
Scientist (3)
ทะเบียนเลขที่ ๖-204-๖-0027

Assistant General Manager
ทะเบียนเลขที่ ๖-204-๖-0004

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :

Project Name : Saraburi Factory Plant

Project Location :

Lot ID: 2474517

Date Received : Aug 30, 2024

Date Reported : Sep 05, 2024

Report Number: 3039393-1

Page 2 of 2

Sample Number 2474517-1
Sampled Date Aug 26, 2024
Sample Description Emission from Stationary Source
Location ปล่องหมอนคานหิน K6M2 (Coal mill K6M2)
Date Analysis Commenced Sep 02, 2024
Condition of Sample Extracted into one filter paper placed in plastic petri dish

Stack Description

Ambient Pressure	750	mmHg	Diameter	1.90	m	Oxygen	10.4	%
Ambient Temperature	32.0	°C	Shape	Circle		Carbon Dioxide	6.0	%
Type of Process	Process		Stack Temperature	80.2	°C	Gas Velocity	21.7	m/s
Type of Fuel	-		Moisture	17.36	%	Flow Rate (Actual O2)	153336	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result	Emission Rate	Guideline (1)	Guideline (2)	Method	Testing Location
Air Testing										
Total Suspended Particulate	10:40 AM - 11:28 AM	g/s	-	-	0.67	-	-	-	Calculated	Bangkok

Guideline : (1) Notification of the Ministry of Natural Resources and Environment, subjected "The emission air quality standards for waste utilization to be the fuel and raw material in cement factory processing", dated December 15, B.E.2549 (2006)
(2) Notification of the Ministry of Industry, subjected "The emission air quality standards for cement factory", dated December 4, B.E.2549 (2006)

Sampling By : Kritsana Saiwan ทะเบียนเลขที่ ว-204-จ-0081

Remark :

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

Technical Management

Scientist (3)
ทะเบียนเลขที่ ว-204-จ-0027

Assistant General Manager
ทะเบียนเลขที่ ว-204-ก-0004

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :

Project Name : Saraburi Factory Plant

Project Location :



TESTING
No.0009

Lot ID: 24139382

Date Received : Dec 13, 2024

Date Reported : Dec 20, 2024

Report Number: 3188771-1

Page 1 of 2

Sample Number 24139382-1
Sampled Date Dec 11, 2024
Sample Description Emission from Stationary Source
Location ปล่องหมอนคานหิน Z8 (Cement mill Z8)
Date Analysis Commenced Dec 16, 2024
Condition of Sample Extracted into one filter paper placed in plastic petri dish

Stack Description

Ambient Pressure	752	mmHg	Diameter	1.00	m	Oxygen	20.9	%
Ambient Temperature	31.2	°C	Shape	Circle		Carbon Dioxide	0.0	%
Type of Process	Process		Stack Temperature	199	°C	Gas Velocity	13.4	m/s
Type of Fuel	-		Moisture	5.15	%	Flow Rate (Actual O2)	22364	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Air Testing									
Total Suspended Particulate	11:00 AM - 11:54 AM	mg/m3	-	0.5	27.6	80	120	U.S. Environmental Protection Agency 40 CFR method 5, Appendix A, 2020 (Include sampling)	Bangkok

Guideline : (1) Notification of the Ministry of Natural Resources and Environment, subjected "The emission air quality standards for waste utilization to be the fuel and raw material in cement factory processing", dated December 15, B.E.2549 (2006)
(2) Notification of the Ministry of Industry, subjected "The emission air quality standards for cement factory", dated December 4, B.E.2549 (2006)

Technical Management

Scientist (3)
ทะเบียนเลขที่ ว-204-จ-0027

Assistant General Manager
ทะเบียนเลขที่ ว-204-ก-0004

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S\Reports_Air Stack_2GL.rpt (9 35AM)



Analysis / Test Report



TESTING
No.0009

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 24139382
Date Received : Dec 13, 2024
Date Reported : Dec 20, 2024
Report Number: 3188771-1

Page 2 of 2

Sample Number 24139382-1
Sampled Date Dec 11, 2024
Sample Description Emission from Stationary Source
Location ปล่องหม้อบดซีเมนต์ Z8 (Cement mill Z8)
Date Analysis Commenced Dec 16, 2024
Condition of Sample Extracted into one filter paper placed in plastic petri dish

Stack Description

Ambient Pressure	752	mmHg	Diameter	1.00	m	Oxygen	20.9	%
Ambient Temperature	31.2	°C	Shape	Circle		Carbon Dioxide	0.0	%
Type of Process	Process		Stack Temperature	199	°C	Gas Velocity	13.4	m/s
Type of Fuel	-		Moisture	5.15	%	Flow Rate (Actual O2)	22364	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result Emission Rate	Guideline (1)	Guideline (2)	Method	Testing Location
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Air Testing

Total Suspended Particulate * 11:00 AM - 11:54 AM g/s - - 0.17 - - Calculated Bangkok

Guideline : (1) Notification of the Ministry of Natural Resources and Environment, subjected "The emission air quality standards for waste utilization to be the fuel and raw material in cement factory processing", dated December 15, B.E.2549 (2006)
(2) Notification of the Ministry of Industry, subjected "The emission air quality standards for cement factory", dated December 4, B.E.2549 (2006)

Sampling By : Anuvat Mounpal ทะเบียนเลขที่ ๖-204-๖-0079

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.

Technical Management

Orawan Rakying
Scientist (3)
ทะเบียนเลขที่ ๖-204-๖-0027

Kanokorn Anek
Assistant General Manager
ทะเบียนเลขที่ ๖-204-๖-0004

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Analysis / Test Report



TESTING
No.0009

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 24144821
Date Received : Dec 27, 2024
Date Reported : Jan 04, 2025
Report Number: 3203872-1

Page 1 of 2

Sample Number 24144821-1
Sampled Date Dec 26, 2024
Sample Description Emission from Stationary Source
Location ปล่องหม้อบดซีเมนต์ Z9 (Cement mill Z9)
Date Analysis Commenced Dec 28, 2024
Condition of Sample Extracted into one filter paper placed in plastic petri dish

Stack Description

Ambient Pressure	758	mmHg	Diameter	1.45	m	Oxygen	20.9	%
Ambient Temperature	26.0	°C	Shape	Circle		Carbon Dioxide	0.0	%
Type of Process	Process		Stack Temperature	71.0	°C	Gas Velocity	5.5	m/s
Type of Fuel	-		Moisture	10.09	%	Flow Rate (Actual O2)	25351	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
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Air Testing

Total Suspended Particulate 11:45 AM - 12:27 PM mg/m3 - 0.5 19.1 80 120 U.S. Environmental Protection Agency 40 CFR method 5, Appendix A, 2020 (Include sampling) Bangkok

Guideline : (1) Notification of the Ministry of Natural Resources and Environment, subjected "The emission air quality standards for waste utilization to be the fuel and raw material in cement factory processing", dated December 15, B.E.2549 (2006)
(2) Notification of the Ministry of Industry, subjected "The emission air quality standards for cement factory", dated December 4, B.E.2549 (2006)

Technical Management

Orawan Rakying
Scientist (3)
ทะเบียนเลขที่ ๖-204-๖-0027

Kanokorn Anek
Assistant General Manager
ทะเบียนเลขที่ ๖-204-๖-0004

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Analysis / Test Report



TESTING
No.0009

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 24144821
Date Received : Dec 27, 2024
Date Reported : Jan 04, 2025
Report Number: 3203872-1

Page 2 of 2

Sample Number 24144821-1
Sampled Date Dec 26, 2024
Sample Description Emission from Stationary Source
Location ปล่องหมอนคิงปูนซีเมนต์ Z9 (Cement mill Z9)
Date Analysis Commenced Dec 28, 2024
Condition of Sample Extracted into one filter paper placed in plastic petri dish

Stack Description

Ambient Pressure	758	mmHg	Diameter	1.45	m	Oxygen	20.9	%
Ambient Temperature	26.0	°C	Shape	Circle		Carbon Dioxide	0.0	%
Type of Process	Process		Stack Temperature	71.0	°C	Gas Velocity	5.5	m/s
Type of Fuel	-		Moisture	10.09	%	Flow Rate (Actual O2)	25351	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result	Emission Rate	Guideline (1)	Guideline (2)	Method	Testing Location
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Air Testing

Total Suspended Particulate *	11:45 AM - 12:27 PM	g/s	-	-	0.13	-	-	-	Calculated	Bangkok
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Guideline : (1) Notification of the Ministry of Natural Resources and Environment, subjected "The emission air quality standards for waste utilization to be the fuel and raw material in cement factory processing", dated December 15, B.E.2549 (2006)
(2) Notification of the Ministry of Industry, subjected "The emission air quality standards for cement factory", dated December 4, B.E.2549 (2006)

Sampling By : Wuttikorn Siriwan ทะเบียนเลขที่ ร-204-ร-0180

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.

Technical Management

Scientist (3)
ทะเบียนเลขที่ ร-204-ร-0027

Assistant General Manager
ทะเบียนเลขที่ ร-204-ร-0004

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S:\Reports_Air Stack_2GL.rpt (12:53PM)



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2474504
Date Received : Aug 23, 2024
Date Reported : Aug 30, 2024
Report Number: 3039344-1

Page 1 of 2

Sample Number 2474504-1
Sampled Date Aug 22, 2024
Sample Description Emission from Stationary Source
Location ปล่องหมอนคิงปูนซีเมนต์ Z10 (Cement Z10)
Date Analysis Commenced Aug 26, 2024
Condition of Sample Extracted into one filter paper placed in plastic petri dish

Stack Description

Ambient Pressure	750	mmHg	Diameter	1.75	m	Oxygen	20.9	%
Ambient Temperature	29.0	°C	Shape	Circle		Carbon Dioxide	0.0	%
Type of Process	Process		Stack Temperature	69.8	°C	Gas Velocity	10.3	m/s
Type of Fuel	-		Moisture	8.12	%	Flow Rate (Actual O2)	70578	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
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Air Testing

Total Suspended Particulate	11:50 AM - 12:32 PM	mg/m3	-	0.5	0.7	80	120	United States Environmental Protection Agency, EPA Method 5	Bangkok
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Guideline : (1) Notification of the Ministry of Natural Resources and Environment, subjected "The emission air quality standards for waste utilization to be the fuel and raw material in cement factory processing", dated December 15, B.E.2549 (2006)
(2) Notification of the Ministry of Industry, subjected "The emission air quality standards for cement factory", dated December 4, B.E.2549 (2006)

Technical Management

Scientist (3)
ทะเบียนเลขที่ ร-204-ร-0027

Assistant General Manager
ทะเบียนเลขที่ ร-204-ร-0004

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2474504
Date Received : Aug 23, 2024
Date Reported : Aug 30, 2024
Report Number: 3039344-1

Page 2 of 2

Sample Number 2474504-1
Sampled Date Aug 22, 2024
Sample Description Emission from Stationary Source
Location ปล่องหม้อต้มซีเมนต์ Z10 (Cement Z10)
Date Analysis Commenced Aug 26, 2024
Condition of Sample Extracted into one filter paper placed in plastic petri dish

Stack Description

Ambient Pressure	750	mmHg	Diameter	1.75	m	Oxygen	20.9	%
Ambient Temperature	29.0	°C	Shape	Circle		Carbon Dioxide	0.0	%
Type of Process	Process		Stack Temperature	69.8	°C	Gas Velocity	10.3	m/s
Type of Fuel	-		Moisture	8.12	%	Flow Rate (Actual O2)	70578	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result Emission Rate	Guideline (1)	Guideline (2)	Method	Testing Location
Air Testing									
Total Suspended Particulate	11:50 AM - 12:32 PM	g/s	-	-	0.01	-	-	Calculated	Bangkok

Guideline : (1) Notification of the Ministry of Natural Resources and Environment, subjected "The emission air quality standards for waste utilization to be the fuel and raw material in cement factory processing", dated December 15, B.E.2549 (2006)
(2) Notification of the Ministry of Industry, subjected "The emission air quality standards for cement factory", dated December 4, B.E.2549 (2006)

Sampling By : Chawalit Wongchan ๖-204-๖-0047

Remark :

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

Technical Management

Orawan Rakying
Scientist (3)
๖-204-๖-0027

Kanokkorn Anek
Assistant General Manager
๖-204-๖-0004

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2474505
Date Received : Sep 06, 2024
Date Reported : Sep 13, 2024
Report Number: 3039346-1

Page 1 of 2

Sample Number 2474505-1
Sampled Date Sep 05, 2024
Sample Description Emission from Stationary Source
Location ปล่องหม้อต้มซีเมนต์ Z11 (Cement Z11)
Date Analysis Commenced Sep 09, 2024
Condition of Sample Extracted into one filter paper placed in plastic petri dish

Stack Description

Ambient Pressure	747	mmHg	Diameter	1.00	m	Oxygen	20.9	%
Ambient Temperature	32.5	°C	Shape	Circle		Carbon Dioxide	0.0	%
Type of Process	Process		Stack Temperature	103	°C	Gas Velocity	8.0	m/s
Type of Fuel	-		Moisture	10.02	%	Flow Rate (Actual O2)	15899	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Air Testing									
Total Suspended Particulate	11:00 AM - 11:48 AM	mg/m3	-	0.5	10.8	80	120	United States Environmental Protection Agency, EPA Method 5	Bangkok

Guideline : (1) Notification of the Ministry of Natural Resources and Environment, subjected "The emission air quality standards for waste utilization to be the fuel and raw material in cement factory processing", dated December 15, B.E.2549 (2006)
(2) Notification of the Ministry of Industry, subjected "The emission air quality standards for cement factory", dated December 4, B.E.2549 (2006)

Technical Management

Orawan Rakying
Scientist (3)
๖-204-๖-0027

Kanokkorn Anek
Assistant General Manager
๖-204-๖-0004

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :

Project Name : Saraburi Factory Plant

Project Location :

Lot ID: 2474505

Date Received : Sep 06, 2024

Date Reported : Sep 13, 2024

Report Number: 3039346-1

Page 2 of 2

Sample Number 2474505-1
Sample Date Sep 05, 2024
Sample Description Emission from Stationary Source
Location ปล่องหมอนคดชั้นที่ Z11 (Cement Z11)
Date Analysis Commenced Sep 09, 2024
Condition of Sample Extracted into one filter paper placed in plastic petri dish

Stack Description

Ambient Pressure	747	mmHg	Diameter	1.00	m	Oxygen	20.9	%
Ambient Temperature	32.5	°C	Shape	Circle		Carbon Dioxide	0.0	%
Type of Process	Process		Stack Temperature	103	°C	Gas Velocity	8.0	m/s
Type of Fuel	-		Moisture	10.02	%	Flow Rate (Actual O2)	15899	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result	Emission Rate	Guideline (1)	Guideline (2)	Method	Testing Location
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Air Testing

Total Suspended Particulate	11:00 AM - 11:48 AM	g/s	-	-	0.05	-	-	-	Calculated	Bangkok
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Guideline : (1) Notification of the Ministry of Natural Resources and Environment, subjected "The emission air quality standards for waste utilization to be the fuel and raw material in cement factory processing", dated December 15, B.E.2549 (2006)
(2) Notification of the Ministry of Industry, subjected "The emission air quality standards for cement factory", dated December 4, B.E.2549 (2006)

Sampling By : Kritsana Saiwan ทะเบียนเลขที่ 7-204-จ-0081

Remark :

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

Technical Management

Scientist (3)
ทะเบียนเลขที่ 7-204-จ-0027

Assistant General Manager
ทะเบียนเลขที่ 7-204-ก-0004

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S:\Reports_Air_Stack_2GL.rpt (12.18PM)



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :

Project Name : Saraburi Factory Plant

Project Location :

Lot ID: 2474506

Date Received : Sep 06, 2024

Date Reported : Sep 13, 2024

Report Number: 3039377-1

Page 1 of 2

Sample Number 2474506-1
Sample Date Sep 05, 2024
Sample Description Emission from Stationary Source
Location ปล่องหมอนคดชั้นที่ Z12 (Cement Z12)
Date Analysis Commenced Sep 09, 2024
Condition of Sample Extracted into one filter paper placed in plastic petri dish

Stack Description

Ambient Pressure	747	mmHg	Diameter	1.00	m	Oxygen	20.9	%
Ambient Temperature	32.5	°C	Shape	Circle		Carbon Dioxide	0.0	%
Type of Process	Process		Stack Temperature	94.0	°C	Gas Velocity	9.3	m/s
Type of Fuel	-		Moisture	12.48	%	Flow Rate (Actual O2)	18427	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
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Air Testing

Total Suspended Particulate	12:40 PM - 01:28 PM	mg/m3	-	0.5	10.0	80	120	United States Environmental Protection Agency, EPA Method 5	Bangkok
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Guideline : (1) Notification of the Ministry of Natural Resources and Environment, subjected "The emission air quality standards for waste utilization to be the fuel and raw material in cement factory processing", dated December 15, B.E.2549 (2006)
(2) Notification of the Ministry of Industry, subjected "The emission air quality standards for cement factory", dated December 4, B.E.2549 (2006)

Technical Management

Scientist (3)
ทะเบียนเลขที่ 7-204-จ-0027

Assistant General Manager
ทะเบียนเลขที่ 7-204-ก-0004

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2474506
Date Received : Sep 06, 2024
Date Reported : Sep 13, 2024
Report Number: 3039377-1

Page 2 of 2

Sample Number 2474506-1
Sampled Date Sep 05, 2024
Sample Description Emission from Stationary Source
Location โรงงานผลิตซีเมนต์ Z12 (Cement Z12)
Date Analysis Commenced Sep 09, 2024
Condition of Sample Extracted into one filter paper placed in plastic petri dish

Stack Description

Ambient Pressure	747	mmHg	Diameter	1.00	m	Oxygen	20.9	%
Ambient Temperature	32.5	°C	Shape	Circle		Carbon Dioxide	0.0	%
Type of Process	Process		Stack Temperature	94.0	°C	Gas Velocity	9.3	m/s
Type of Fuel	-		Moisture	12.48	%	Flow Rate (Actual O2)	18427	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result Emission Rate	Guideline (1)	Guideline (2)	Method	Testing Location
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Air Testing

Total Suspended Particulate	12:40 PM - 01:28 PM	g/s	-	-	0.05	-	-	Calculated	Bangkok
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Guideline : (1) Notification of the Ministry of Natural Resources and Environment, subjected "The emission air quality standards for waste utilization to be the fuel and raw material in cement factory processing", dated December 15, B.E.2549 (2006)
(2) Notification of the Ministry of Industry, subjected "The emission air quality standards for cement factory", dated December 4, B.E.2549 (2006)

Sampling By : Kritsana Saiwan ทะเบียนเลขที่ ว-204-จ-0081

Remark :

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

Technical Management

Urawan Rakying
Scientist (3)
ทะเบียนเลขที่ ว-204-จ-0027

Kanokkorn Anek
Assistant General Manager
ทะเบียนเลขที่ ว-204-ก-0004

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S:\Reports_Air Stack_2GL.rpt (12:19PM)



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O : 4100119854
Project Name : Saraburi Factory Plant
Project Location :



TESTING
No.0009

Lot ID: 24117393
Date Received : Oct 17, 2024
Date Reported : Oct 24, 2024
Report Number: 3135876-1

Page 1 of 2

Sample Number 24117393-1
Sampled Date Oct 17, 2024
Sample Description Emission from Stationary Source
Location Pre-grinding Z8
Date Analysis Commenced Oct 18, 2024
Condition of Sample Extracted into one filter paper placed in plastic petri dish

Stack Description

Ambient Pressure	752	mmHg	Diameter	1.50	m	Oxygen	20.9	%
Ambient Temperature	33.0	°C	Shape	Circle		Carbon Dioxide	0.0	%
Type of Process	Process		Stack Temperature	99.2	°C	Gas Velocity	11.6	m/s
Type of Fuel	-		Moisture	7.96	%	Flow Rate (Actual O2)	54604	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
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Air Testing

Total Suspended Particulate	10:10 AM - 10:52 AM	mg/m3	-	0.5	17.6	80	120	U.S. Environmental Protection Agency 40 CFR method 5, Appendix A, 2020 (Include sampling)	Bangkok
-----------------------------	---------------------	-------	---	-----	------	----	-----	---	---------

Guideline : (1) Notification of the Ministry of Natural Resources and Environment, subjected "The emission air quality standards for waste utilization to be the fuel and raw material in cement factory processing", dated December 15, B.E.2549 (2006)
(2) Notification of the Ministry of Industry, subjected "The emission air quality standards for cement factory", dated December 4, B.E.2549 (2006)

Technical Management

Urawan Rakying
Scientist (3)
ทะเบียนเลขที่ ว-204-จ-0027

Assistant General Manager
ทะเบียนเลขที่ ว-204-ก-0004

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Analysis / Test Report



TESTING
No.0009

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh, Saraburi
Thailand 18260
P/O : 4100119854
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 24117393
Date Received : Oct 17, 2024
Date Reported : Oct 24, 2024
Report Number: 3135876-1

Page 2 of 2

Sample Number 24117393-1
Sampled Date Oct 17, 2024
Sample Description Emission from Stationary Source
Location Pre-grinding Z8
Date Analysis Commenced Oct 18, 2024
Condition of Sample Extracted into one filter paper placed in plastic petri dish

Stack Description

Ambient Pressure	752	mmHg	Diameter	1.50	m	Oxygen	20.9	%
Ambient Temperature	33.0	°C	Shape	Circle		Carbon Dioxide	0.0	%
Type of Process	Process		Stack Temperature	99.2	°C	Gas Velocity	11.6	m/s
Type of Fuel	-		Moisture	7.96	%	Flow Rate (Actual O2)	54604	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result	Emission Rate	Guideline (1)	Guideline (2)	Method	Testing Location
---------	--------------	------	-----	-----------	--------	---------------	---------------	---------------	--------	------------------

Air Testing

Total Suspended Particulate *	10:10 AM - 10:52 AM	g/s	-	-	0.27	-	-	-	Calculated	Bangkok
-------------------------------	---------------------	-----	---	---	------	---	---	---	------------	---------

Guideline : (1) Notification of the Ministry of Natural Resources and Environment, subjected "The emission air quality standards for waste utilization to be the fuel and raw material in cement factory processing", dated December 15, B.E.2549 (2006)
(2) Notification of the Ministry of Industry, subjected "The emission air quality standards for cement factory", dated December 4, B.E.2549 (2006)

Sampling By : Kritsana Saiwan ทะเบียนเลขที่ ว-204-จ-0081

Remark :

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

Technical Management

Scientist (3)

ทะเบียนเลขที่ ว-204-จ-0027

Assistant General Manager

ทะเบียนเลขที่ ว-204-ก-0004

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Analysis / Test Report



TESTING
No.0009

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh, Saraburi
Thailand 18260

Lot ID: 254289
Date Received : Jan 15, 2025
Date Reported : Jan 21, 2025
Report Number: 3213345-1

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Page 1 of 2

Sample Number 254289-1
Sampled Date Jan 15, 2025
Sample Description Emission from Stationary Source
Location ปล่อย Pre-Grinding Z9
Date Analysis Commenced Jan 16, 2025
Condition of Sample Extracted into one filter paper placed in plastic petri dish

Stack Description

Ambient Pressure	754	mmHg	Diameter	1.50	m	Oxygen	20.9	%
Ambient Temperature	25.1	°C	Shape	Circle		Carbon Dioxide	0.0	%
Type of Process	Process		Stack Temperature	100	°C	Gas Velocity	11.4	m/s
Type of Fuel	-		Moisture	2.50	%	Flow Rate (Actual O2)	55761	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
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Air Testing

Total Suspended Particulate	10:35 AM - 11:17 AM	mg/m3	-	0.5	21.6	80	120	U.S. Environmental Protection Agency 40 CFR method 5, Appendix A, 2020 (Include sampling)	Bangkok
-----------------------------	---------------------	-------	---	-----	------	----	-----	---	---------

Guideline : (1) Notification of the Ministry of Natural Resources and Environment, subjected "The emission air quality standards for waste utilization to be the fuel and raw material in cement factory processing", dated December 15, B.E.2549 (2006)
(2) Notification of the Ministry of Industry, subjected "The emission air quality standards for cement factory", dated December 4, B.E.2549 (2006)

Technical Management

Scientist (4)

ทะเบียนเลขที่ ว-204-จ-0011

Assistant General Manager

ทะเบียนเลขที่ ว-204-ก-0004

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Analysis / Test Report



TESTING
No.0009

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 254289
Date Received : Jan 15, 2025
Date Reported : Jan 21, 2025
Report Number: 3213345-1

Page 2 of 2

Sample Number 254289-1
Sampled Date Jan 15, 2025
Sample Description Emission from Stationary Source
Location โรงงาน Pre-Grinding Z9
Date Analysis Commenced Jan 16, 2025
Condition of Sample Extracted into one filter paper placed in plastic petri dish

Stack Description

Ambient Pressure	754	mmHg	Diameter	1.50	m	Oxygen	20.9	%
Ambient Temperature	25.1	°C	Shape	Circle		Carbon Dioxide	0.0	%
Type of Process	Process		Stack Temperature	100	°C	Gas Velocity	11.4	m/s
Type of Fuel	-		Molsture	2.50	%	Flow Rate (Actual O2)	55761	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result Emission Rate	Guideline (1)	Guideline (2)	Method	Testing Location
Air Testing									
Total Suspended Particulate *	10:35 AM - 11:17 AM	g/s	-	-	0.33	-	-	Calculated	Bangkok

Guideline : (1) Notification of the Ministry of Natural Resources and Environment, subjected "The emission air quality standards for waste utilization to be the fuel and raw material in cement factory processing", dated December 15, B.E.2549 (2006)
(2) Notification of the Ministry of Industry, subjected "The emission air quality standards for cement factory", dated December 4, B.E.2549 (2006)

Sampling By : Chawalit Wongchan ๓๖๒๒๒๒๒๓ ๖-204-๖-0047

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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ภาคผนวก ค-3

ระดับเสียงในบรรยากาศ



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhai, Saraburi Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494229
Date Received : Sep 04, 2024
Date Reported : Sep 10, 2024
Report Number: 3106900-1

Page 1 of 1

Sample Number 2494229-1
Parameter Noise (Leq 24 hrs.)
Location บ้านขี้มนบอน (GPS 47P 0728156, 1619149)
Measurement Date Aug 23 - Aug 24, 2024
Measurement by Prommee Sripatnet
Sound Level meter Serial No. 858520

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:00 AM - 09:00 AM	59.1	78.5	57.9
09:00 AM - 10:00 AM	58.4	70.5	57.6
10:00 AM - 11:00 AM	59.6	76.7	57.9
11:00 AM - 12:00 PM	59.4	77.2	58.0
12:00 PM - 01:00 PM	60.1	73.7	58.8
01:00 PM - 02:00 PM	59.7	75.8	58.9
02:00 PM - 03:00 PM	60.4	72.0	59.7
03:00 PM - 04:00 PM	60.1	68.7	59.5
04:00 PM - 05:00 PM	60.1	76.3	59.3
05:00 PM - 06:00 PM	60.1	77.0	59.4
06:00 PM - 07:00 PM	59.7	79.5	58.9
07:00 PM - 08:00 PM	59.2	81.8	58.3
08:00 PM - 09:00 PM	59.6	70.7	58.9
09:00 PM - 10:00 PM	59.6	80.6	58.8
10:00 PM - 11:00 PM	58.9	79.6	58.2
11:00 PM - 12:00 AM	58.8	77.5	58.1
12:00 AM - 01:00 AM	59.2	71.9	58.4
01:00 AM - 02:00 AM	60.1	79.6	58.9
02:00 AM - 03:00 AM	61.1	77.7	59.6
03:00 AM - 04:00 AM	60.3	80.2	59.4
04:00 AM - 05:00 AM	59.9	79.4	58.9
05:00 AM - 06:00 AM	60.1	82.7	58.1
06:00 AM - 07:00 AM	59.4	83.5	57.9
07:00 AM - 08:00 AM	58.7	76.8	57.6

Leq Average 24 hrs. (dB(A)) 59.7
Lmax (dB(A)) 83.5
L90 (dB(A)) 58.8
Ldn (dB(A)) 66.2
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

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S:\Reports_Air Noise rpt (3 18PM)



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhai, Saraburi Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494229
Date Received : Sep 04, 2024
Date Reported : Sep 10, 2024
Report Number: 3106901-1

Page 1 of 1

Sample Number 2494229-2
Parameter Noise (Leq 24 hrs.)
Location บ้านขี้มนบอน (GPS 47P 0728156, 1619149)
Measurement Date Aug 24 - Aug 25, 2024
Measurement by Prommee Sripatnet
Sound Level meter Serial No. 858520

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:00 AM - 09:00 AM	58.3	78.0	57.4
09:00 AM - 10:00 AM	59.3	83.6	58.4
10:00 AM - 11:00 AM	58.9	74.4	58.2
11:00 AM - 12:00 PM	58.7	75.7	57.7
12:00 PM - 01:00 PM	60.1	82.9	58.6
01:00 PM - 02:00 PM	60.2	70.9	59.5
02:00 PM - 03:00 PM	61.4	77.0	60.7
03:00 PM - 04:00 PM	62.4	79.7	61.3
04:00 PM - 05:00 PM	60.9	76.7	60.1
05:00 PM - 06:00 PM	61.2	81.7	60.3
06:00 PM - 07:00 PM	62.2	73.5	61.4
07:00 PM - 08:00 PM	60.9	80.1	60.2
08:00 PM - 09:00 PM	60.0	70.8	59.4
09:00 PM - 10:00 PM	60.1	78.3	59.6
10:00 PM - 11:00 PM	59.8	74.0	59.1
11:00 PM - 12:00 AM	59.5	82.0	58.7
12:00 AM - 01:00 AM	59.6	73.5	58.8
01:00 AM - 02:00 AM	60.1	76.6	59.1
02:00 AM - 03:00 AM	60.8	75.7	59.3
03:00 AM - 04:00 AM	60.4	81.9	59.1
04:00 AM - 05:00 AM	59.8	75.7	58.6
05:00 AM - 06:00 AM	59.2	79.0	58.2
06:00 AM - 07:00 AM	60.5	83.6	57.9
07:00 AM - 08:00 AM	58.8	77.4	57.8

Leq Average 24 hrs. (dB(A)) 60.3
Lmax (dB(A)) 83.6
L90 (dB(A)) 59.1
Ldn (dB(A)) 66.5
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

Technical Management

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S:\Reports_Air Noise rpt (3 18PM)



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494229
Date Received : Sep 04, 2024
Date Reported : Sep 10, 2024
Report Number: 3106902-1

Page 1 of 1

Sample Number 2494229-3
Parameter Noise (Leq 24 hrs.)
Location บ้านขี้มนบอน (GPS 47P 0728156, 1619149)
Measurement Date Aug 25 - Aug 26, 2024
Measurement by Prommee Sripatnet
Sound Level meter Serial No. 858520

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:00 AM - 09:00 AM	58.9	70.7	58.1
09:00 AM - 10:00 AM	59.1	76.4	58.1
10:00 AM - 11:00 AM	59.6	81.4	57.8
11:00 AM - 12:00 PM	58.2	78.2	57.4
12:00 PM - 01:00 PM	58.5	79.1	57.7
01:00 PM - 02:00 PM	58.8	72.4	57.9
02:00 PM - 03:00 PM	59.9	70.8	58.7
03:00 PM - 04:00 PM	59.5	66.5	58.8
04:00 PM - 05:00 PM	59.9	74.8	59.2
05:00 PM - 06:00 PM	59.8	78.1	59.1
06:00 PM - 07:00 PM	59.3	79.6	58.3
07:00 PM - 08:00 PM	59.0	84.8	58.2
08:00 PM - 09:00 PM	59.2	75.9	58.5
09:00 PM - 10:00 PM	59.5	82.0	58.7
10:00 PM - 11:00 PM	59.5	77.0	58.9
11:00 PM - 12:00 AM	59.6	75.7	58.9
12:00 AM - 01:00 AM	59.6	80.2	58.8
01:00 AM - 02:00 AM	59.8	77.2	59.1
02:00 AM - 03:00 AM	60.6	73.6	59.5
03:00 AM - 04:00 AM	60.2	73.2	59.3
04:00 AM - 05:00 AM	59.5	79.5	58.4
05:00 AM - 06:00 AM	59.2	82.1	58.1
06:00 AM - 07:00 AM	58.6	80.5	57.9
07:00 AM - 08:00 AM	58.7	79.4	57.7

Leq Average 24 hrs. (dB(A)) 59.4
Lmax (dB(A)) 84.8
L90 (dB(A)) 58.4
Ldn (dB(A)) 66.0
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

Technical Management

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S\Reports_Air Noise rpt (3 /9PM)



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494229
Date Received : Sep 04, 2024
Date Reported : Sep 10, 2024
Report Number: 3106903-1

Page 1 of 1

Sample Number 2494229-4
Parameter Noise (Leq 24 hrs.)
Location บ้านขี้มนบอน (GPS 47P 0728156, 1619149)
Measurement Date Aug 26 - Aug 27, 2024
Measurement by Prommee Sripatnet
Sound Level meter Serial No. 858520

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:00 AM - 09:00 AM	59.2	80.2	58.0
09:00 AM - 10:00 AM	59.0	76.1	58.1
10:00 AM - 11:00 AM	59.4	78.7	58.6
11:00 AM - 12:00 PM	59.1	74.7	58.2
12:00 PM - 01:00 PM	59.6	71.6	58.4
01:00 PM - 02:00 PM	59.9	78.3	58.9
02:00 PM - 03:00 PM	60.7	75.1	59.5
03:00 PM - 04:00 PM	60.2	78.7	59.4
04:00 PM - 05:00 PM	60.3	74.4	59.5
05:00 PM - 06:00 PM	60.2	79.2	59.4
06:00 PM - 07:00 PM	60.2	74.0	59.4
07:00 PM - 08:00 PM	59.7	71.0	58.9
08:00 PM - 09:00 PM	59.1	78.5	58.3
09:00 PM - 10:00 PM	58.7	76.1	57.9
10:00 PM - 11:00 PM	58.8	79.9	57.9
11:00 PM - 12:00 AM	58.5	68.5	57.9
12:00 AM - 01:00 AM	58.7	67.7	58.0
01:00 AM - 02:00 AM	59.5	76.2	58.4
02:00 AM - 03:00 AM	60.3	72.6	58.8
03:00 AM - 04:00 AM	61.3	79.7	59.5
04:00 AM - 05:00 AM	59.7	77.6	58.4
05:00 AM - 06:00 AM	58.7	72.0	58.0
06:00 AM - 07:00 AM	58.7	78.9	57.9
07:00 AM - 08:00 AM	58.7	78.3	57.7

Leq Average 24 hrs. (dB(A)) 59.6
Lmax (dB(A)) 80.2
L90 (dB(A)) 58.4
Ldn (dB(A)) 65.9
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

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S\Reports_Air Noise rpt (3 /9PM)



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494229
Date Received : Sep 04, 2024
Date Reported : Sep 10, 2024
Report Number: 3106904-1

Page 1 of 1

Sample Number 2494229-5
Parameter Noise (Leq 24 hrs.)
Location บ้านชนบท (GPS 47P 0728156, 1619149)
Measurement Date Aug 27 - Aug 28, 2024
Measurement by Prommee Sripatnet
Sound Level meter Serial No. 858520

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:00 AM - 09:00 AM	59.5	78.9	58.1
09:00 AM - 10:00 AM	58.2	78.9	57.3
10:00 AM - 11:00 AM	58.1	77.6	57.3
11:00 AM - 12:00 PM	58.1	70.7	57.4
12:00 PM - 01:00 PM	59.1	77.6	58.0
01:00 PM - 02:00 PM	59.3	81.7	58.2
02:00 PM - 03:00 PM	58.9	70.3	58.1
03:00 PM - 04:00 PM	59.3	73.9	58.5
04:00 PM - 05:00 PM	59.5	73.3	58.7
05:00 PM - 06:00 PM	59.2	74.7	58.4
06:00 PM - 07:00 PM	58.8	79.3	57.9
07:00 PM - 08:00 PM	58.8	76.0	58.0
08:00 PM - 09:00 PM	58.8	79.7	57.8
09:00 PM - 10:00 PM	59.9	83.1	58.0
10:00 PM - 11:00 PM	59.0	80.3	58.3
11:00 PM - 12:00 AM	59.3	78.5	58.6
12:00 AM - 01:00 AM	59.1	74.3	58.4
01:00 AM - 02:00 AM	59.7	72.4	58.6
02:00 AM - 03:00 AM	60.8	74.7	59.3
03:00 AM - 04:00 AM	62.0	72.9	59.9
04:00 AM - 05:00 AM	59.9	77.4	58.5
05:00 AM - 06:00 AM	58.8	78.1	57.7
06:00 AM - 07:00 AM	58.6	79.6	57.7
07:00 AM - 08:00 AM	58.4	79.7	57.5

Leq Average 24 hrs. (dB(A)) 59.3
Lmax (dB(A)) 83.1
L90 (dB(A)) 58.1
Ldn (dB(A)) 66.1
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

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S:\Reports_Air Noise rpt (3 19PM)



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494229
Date Received : Sep 04, 2024
Date Reported : Sep 10, 2024
Report Number: 3106905-1

Page 1 of 1

Sample Number 2494229-6
Parameter Noise (Leq 24 hrs.)
Location บ้านชนบท (GPS 47P 0728156, 1619149)
Measurement Date Aug 28 - Aug 29, 2024
Measurement by Prommee Sripatnet
Sound Level meter Serial No. 858520

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:00 AM - 09:00 AM	59.0	75.9	57.6
09:00 AM - 10:00 AM	58.3	78.8	57.5
10:00 AM - 11:00 AM	58.9	81.7	57.8
11:00 AM - 12:00 PM	59.6	92.4	58.1
12:00 PM - 01:00 PM	60.2	75.9	58.7
01:00 PM - 02:00 PM	59.9	79.4	58.5
02:00 PM - 03:00 PM	59.7	81.6	58.7
03:00 PM - 04:00 PM	60.7	80.8	59.4
04:00 PM - 05:00 PM	59.8	78.3	58.9
05:00 PM - 06:00 PM	59.3	78.6	58.4
06:00 PM - 07:00 PM	59.5	80.6	58.4
07:00 PM - 08:00 PM	59.3	68.2	58.5
08:00 PM - 09:00 PM	59.5	73.4	58.7
09:00 PM - 10:00 PM	61.4	74.5	60.3
10:00 PM - 11:00 PM	59.4	73.9	58.6
11:00 PM - 12:00 AM	59.1	81.2	58.3
12:00 AM - 01:00 AM	59.1	79.0	58.3
01:00 AM - 02:00 AM	59.6	78.1	58.4
02:00 AM - 03:00 AM	60.3	79.6	58.9
03:00 AM - 04:00 AM	59.9	80.9	58.6
04:00 AM - 05:00 AM	59.3	80.6	58.2
05:00 AM - 06:00 AM	59.6	81.7	57.8
06:00 AM - 07:00 AM	59.8	81.9	57.6
07:00 AM - 08:00 AM	58.5	82.7	57.4

Leq Average 24 hrs. (dB(A)) 59.6
Lmax (dB(A)) 92.4
L90 (dB(A)) 58.1
Ldn (dB(A)) 66.0
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

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S:\Reports_Air Noise rpt (3 19PM)



Analysis / Test Report

Client : Siam City Cement Public Company Limited

99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi Thailand 18260

P/O :

Project Name : Saraburi Factory Plant

Project Location :

Lot ID: 2494229

Date Received : Sep 04, 2024

Date Reported : Sep 10, 2024

Report Number: 3106906-1

Page 1 of 1

Sample Number 2494229-7
Parameter Noise (Leq 24 hrs.)
Location บ้านขมิ้นนอก (GPS 47P 0728156, 1619149)
Measurement Date Aug 29 - Aug 30, 2024
Measurement by Prommee Sripatnet
Sound Level meter Serial No. 858520

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:00 AM - 09:00 AM	58.2	78.8	57.3
09:00 AM - 10:00 AM	59.4	84.1	57.7
10:00 AM - 11:00 AM	59.3	80.1	58.3
11:00 AM - 12:00 PM	59.2	76.4	58.2
12:00 PM - 01:00 PM	59.3	71.6	58.2
01:00 PM - 02:00 PM	59.3	73.4	58.3
02:00 PM - 03:00 PM	62.7	76.7	59.3
03:00 PM - 04:00 PM	58.9	79.1	58.0
04:00 PM - 05:00 PM	58.9	81.5	58.0
05:00 PM - 06:00 PM	59.5	78.7	58.6
06:00 PM - 07:00 PM	59.4	77.7	58.6
07:00 PM - 08:00 PM	59.0	67.8	58.3
08:00 PM - 09:00 PM	59.5	77.5	58.0
09:00 PM - 10:00 PM	58.6	81.5	57.8
10:00 PM - 11:00 PM	58.7	81.9	57.8
11:00 PM - 12:00 AM	58.6	77.5	57.8
12:00 AM - 01:00 AM	59.0	70.1	58.1
01:00 AM - 02:00 AM	59.7	74.2	58.3
02:00 AM - 03:00 AM	60.3	82.2	58.8
03:00 AM - 04:00 AM	59.6	71.9	58.6
04:00 AM - 05:00 AM	58.9	80.6	57.7
05:00 AM - 06:00 AM	59.3	80.6	57.9
06:00 AM - 07:00 AM	59.5	81.5	57.6
07:00 AM - 08:00 AM	58.8	76.2	57.9

Leq Average 24 hrs. (dB(A))

59.4

Lmax (dB(A))

84.1

L90 (dB(A))

58.0

Ldn (dB(A))

65.7

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

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S\Reports_Air Noise rpt (3 19PM)



Analysis / Test Report

Client : Siam City Cement Public Company Limited

99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi Thailand 18260

P/O :

Project Name : Saraburi Factory Plant

Project Location :

Lot ID: 2494229

Date Received : Sep 04, 2024

Date Reported : Sep 10, 2024

Report Number: 3106907-1

Page 1 of 1

Sample Number 2494229-8
Parameter Noise (Leq 24 hrs.)
Location โรงเรือนอนุบาลฟาร์มทาง (GPS 47P 0722987, 1616402)
Measurement Date Aug 23 - Aug 24, 2024
Measurement by Prommee Sripatnet
Sound Level meter Serial No. 1022261

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:00 AM - 09:00 AM	51.8	71.7	47.8
09:00 AM - 10:00 AM	53.6	76.1	47.6
10:00 AM - 11:00 AM	52.9	83.4	45.9
11:00 AM - 12:00 PM	46.8	67.5	44.1
12:00 PM - 01:00 PM	52.2	81.3	44.9
01:00 PM - 02:00 PM	48.3	66.1	45.6
02:00 PM - 03:00 PM	51.7	78.1	45.7
03:00 PM - 04:00 PM	51.1	80.3	46.9
04:00 PM - 05:00 PM	51.2	72.3	49.1
05:00 PM - 06:00 PM	52.3	61.6	51.0
06:00 PM - 07:00 PM	55.4	66.4	53.7
07:00 PM - 08:00 PM	56.6	61.0	55.7
08:00 PM - 09:00 PM	55.5	72.5	54.5
09:00 PM - 10:00 PM	54.9	68.8	53.8
10:00 PM - 11:00 PM	53.0	66.0	51.7
11:00 PM - 12:00 AM	54.2	83.8	50.4
12:00 AM - 01:00 AM	51.7	58.4	49.9
01:00 AM - 02:00 AM	56.3	79.5	49.1
02:00 AM - 03:00 AM	48.9	54.5	46.8
03:00 AM - 04:00 AM	47.9	55.4	46.3
04:00 AM - 05:00 AM	47.6	59.0	46.4
05:00 AM - 06:00 AM	50.8	81.2	48.0
06:00 AM - 07:00 AM	53.7	82.6	49.5
07:00 AM - 08:00 AM	49.3	69.3	47.0

Leq Average 24 hrs. (dB(A))

52.8

Lmax (dB(A))

83.8

L90 (dB(A))

47.8

Ldn (dB(A))

58.9

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

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S\Reports_Air Noise rpt (3 20PM)



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494229
Date Received : Sep 04, 2024
Date Reported : Sep 10, 2024
Report Number : 3106908-1

Page 1 of 1

Sample Number 2494229-9
Parameter Noise (Leq 24 hrs.)
Location โรงเข็นปูนมาลพื้นที่กว้าง (GPS 47P 0722987, 1616402)
Measurement Date Aug 24 - Aug 25, 2024
Measurement by Prommee Sripatnet
Sound Level meter Serial No. 1022261

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:00 AM - 09:00 AM	46.9	69.8	44.3
09:00 AM - 10:00 AM	50.2	71.5	45.1
10:00 AM - 11:00 AM	47.3	65.5	45.6
11:00 AM - 12:00 PM	47.0	77.6	44.9
12:00 PM - 01:00 PM	47.8	74.8	45.1
01:00 PM - 02:00 PM	57.1	90.0	45.0
02:00 PM - 03:00 PM	50.3	72.0	44.8
03:00 PM - 04:00 PM	49.3	66.6	46.8
04:00 PM - 05:00 PM	50.4	67.6	48.2
05:00 PM - 06:00 PM	51.0	64.0	49.0
06:00 PM - 07:00 PM	50.5	64.6	48.8
07:00 PM - 08:00 PM	58.6	72.9	55.7
08:00 PM - 09:00 PM	58.2	80.7	54.2
09:00 PM - 10:00 PM	56.6	70.5	55.3
10:00 PM - 11:00 PM	55.6	70.4	54.6
11:00 PM - 12:00 AM	53.7	66.5	52.5
12:00 AM - 01:00 AM	52.7	58.3	50.8
01:00 AM - 02:00 AM	55.1	81.0	49.8
02:00 AM - 03:00 AM	49.6	64.8	48.0
03:00 AM - 04:00 AM	48.9	65.0	46.9
04:00 AM - 05:00 AM	48.3	61.9	46.3
05:00 AM - 06:00 AM	50.9	73.1	47.4
06:00 AM - 07:00 AM	52.4	83.7	47.2
07:00 AM - 08:00 AM	50.9	71.6	47.1

Leq Average 24 hrs. (dB(A)) 53.2
Lmax (dB(A)) 90.0
L90 (dB(A)) 47.2
Ldn (dB(A)) 59.2
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

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S:\Reports_Air Noise rpl (3 20PM)



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494229
Date Received : Sep 04, 2024
Date Reported : Sep 10, 2024
Report Number : 3106909-1

Page 1 of 1

Sample Number 2494229-10
Parameter Noise (Leq 24 hrs.)
Location โรงเข็นปูนมาลพื้นที่กว้าง (GPS 47P 0722987, 1616402)
Measurement Date Aug 25 - Aug 26, 2024
Measurement by Prommee Sripatnet
Sound Level meter Serial No. 1022261

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:00 AM - 09:00 AM	49.3	72.8	44.5
09:00 AM - 10:00 AM	52.0	76.4	45.1
10:00 AM - 11:00 AM	49.0	70.3	45.4
11:00 AM - 12:00 PM	53.9	74.7	50.2
12:00 PM - 01:00 PM	50.0	82.0	44.2
01:00 PM - 02:00 PM	45.4	60.5	44.0
02:00 PM - 03:00 PM	50.7	72.8	44.2
03:00 PM - 04:00 PM	49.3	74.0	45.6
04:00 PM - 05:00 PM	53.0	84.4	46.1
05:00 PM - 06:00 PM	49.5	73.1	46.3
06:00 PM - 07:00 PM	51.4	83.1	48.1
07:00 PM - 08:00 PM	55.4	62.1	53.7
08:00 PM - 09:00 PM	54.3	62.0	52.9
09:00 PM - 10:00 PM	51.4	69.1	49.4
10:00 PM - 11:00 PM	50.6	67.6	48.4
11:00 PM - 12:00 AM	49.3	55.6	47.7
12:00 AM - 01:00 AM	47.7	53.7	46.4
01:00 AM - 02:00 AM	48.9	73.1	45.2
02:00 AM - 03:00 AM	47.0	63.1	45.5
03:00 AM - 04:00 AM	55.0	79.5	44.8
04:00 AM - 05:00 AM	47.2	64.3	45.0
05:00 AM - 06:00 AM	51.3	74.1	44.8
06:00 AM - 07:00 AM	48.5	69.0	46.0
07:00 AM - 08:00 AM	48.3	73.6	45.0

Leq Average 24 hrs. (dB(A)) 51.1
Lmax (dB(A)) 84.4
L90 (dB(A)) 45.5
Ldn (dB(A)) 56.9
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

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S:\Reports_Air Noise rpl (3 20PM)



Analysis / Test Report

Client : Siam City Cement Public Company Limited

99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi Thailand 18260

P/O :

Project Name : Saraburi Factory Plant

Project Location :

Lot ID: 2494229

Date Received : Sep 04, 2024

Date Reported : Sep 10, 2024

Report Number: 3106910-1

Page 1 of 1

Sample Number 2494229-11
Parameter Noise (Leq 24 hrs.)
Location โรงเรือนอบุนาฬหินกรวด (GPS 47P 0722987, 1616402)
Measurement Date Aug 26 - Aug 27, 2024
Measurement by Prommee Sripatnet
Sound Level meter Serial No. 1022261

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:00 AM - 09:00 AM	47.8	68.9	45.1
09:00 AM - 10:00 AM	48.9	67.9	45.5
10:00 AM - 11:00 AM	49.1	72.0	45.9
11:00 AM - 12:00 PM	48.2	73.8	45.0
12:00 PM - 01:00 PM	48.4	62.8	46.2
01:00 PM - 02:00 PM	50.2	78.7	46.4
02:00 PM - 03:00 PM	52.1	74.1	46.7
03:00 PM - 04:00 PM	48.9	63.4	46.2
04:00 PM - 05:00 PM	50.4	82.2	45.7
05:00 PM - 06:00 PM	53.6	69.7	48.8
06:00 PM - 07:00 PM	48.0	58.5	46.7
07:00 PM - 08:00 PM	52.5	61.9	50.8
08:00 PM - 09:00 PM	53.3	69.3	51.3
09:00 PM - 10:00 PM	53.5	67.8	51.9
10:00 PM - 11:00 PM	53.0	65.4	50.9
11:00 PM - 12:00 AM	51.0	76.0	48.6
12:00 AM - 01:00 AM	50.8	59.6	49.2
01:00 AM - 02:00 AM	52.6	76.0	47.8
02:00 AM - 03:00 AM	48.6	59.5	47.4
03:00 AM - 04:00 AM	48.3	66.1	46.0
04:00 AM - 05:00 AM	47.0	60.3	45.3
05:00 AM - 06:00 AM	52.5	75.0	47.2
06:00 AM - 07:00 AM	52.0	72.6	48.5
07:00 AM - 08:00 AM	50.4	69.6	46.9

Leq Average 24 hrs. (dB(A))

50.9

Lmax (dB(A))

82.2

L90 (dB(A))

46.7

Ldn (dB(A))

57.5

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

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S\Report_Air Noise rpt (3 21PM)



Analysis / Test Report

Client : Siam City Cement Public Company Limited

99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi Thailand 18260

P/O :

Project Name : Saraburi Factory Plant

Project Location :

Lot ID: 2494229

Date Received : Sep 04, 2024

Date Reported : Sep 10, 2024

Report Number: 3106911-1

Page 1 of 1

Sample Number 2494229-12
Parameter Noise (Leq 24 hrs.)
Location โรงเรือนอบุนาฬหินกรวด (GPS 47P 0722987, 1616402)
Measurement Date Aug 27 - Aug 28, 2024
Measurement by Prommee Sripatnet
Sound Level meter Serial No. 1022261

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:00 AM - 09:00 AM	49.2	65.9	46.3
09:00 AM - 10:00 AM	50.3	69.9	46.6
10:00 AM - 11:00 AM	49.9	71.4	46.7
11:00 AM - 12:00 PM	48.8	66.1	45.7
12:00 PM - 01:00 PM	49.4	73.5	46.2
01:00 PM - 02:00 PM	50.0	78.2	46.6
02:00 PM - 03:00 PM	50.4	72.9	45.8
03:00 PM - 04:00 PM	49.6	71.1	46.0
04:00 PM - 05:00 PM	52.6	67.4	48.1
05:00 PM - 06:00 PM	50.9	79.9	48.9
06:00 PM - 07:00 PM	49.4	63.9	47.6
07:00 PM - 08:00 PM	53.2	62.3	51.6
08:00 PM - 09:00 PM	53.1	59.1	51.7
09:00 PM - 10:00 PM	52.4	69.4	50.5
10:00 PM - 11:00 PM	52.0	61.9	50.4
11:00 PM - 12:00 AM	51.1	69.3	48.6
12:00 AM - 01:00 AM	49.4	60.9	47.0
01:00 AM - 02:00 AM	59.1	78.0	50.2
02:00 AM - 03:00 AM	51.4	74.6	47.3
03:00 AM - 04:00 AM	47.7	65.1	45.7
04:00 AM - 05:00 AM	50.7	62.0	45.7
05:00 AM - 06:00 AM	52.8	68.4	48.5
06:00 AM - 07:00 AM	53.7	80.0	49.1
07:00 AM - 08:00 AM	52.4	78.4	46.8

Leq Average 24 hrs. (dB(A))

52.0

Lmax (dB(A))

80.0

L90 (dB(A))

47.0

Ldn (dB(A))

59.4

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

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S\Report_Air Noise rpt (3 22PM)



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494229
Date Received : Sep 04, 2024
Date Reported : Sep 10, 2024
Report Number: 3106912-1

Page 1 of 1

Sample Number 2494229-13
Parameter Noise (Leq 24 hrs.)
Location โรงเรียนอนุบาลพันทิว (GPS 47P 0722987, 1616402)
Measurement Date Aug 28 - Aug 29, 2024
Measurement by Prommee Sripatnet
Sound Level meter Serial No. 1022261

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:00 AM - 09:00 AM	49.1	69.2	44.7
09:00 AM - 10:00 AM	49.5	71.6	45.0
10:00 AM - 11:00 AM	47.5	75.1	45.0
11:00 AM - 12:00 PM	49.1	75.8	45.5
12:00 PM - 01:00 PM	49.2	70.1	45.1
01:00 PM - 02:00 PM	48.9	68.4	45.0
02:00 PM - 03:00 PM	52.6	75.3	46.6
03:00 PM - 04:00 PM	49.0	78.0	45.3
04:00 PM - 05:00 PM	50.9	72.7	48.6
05:00 PM - 06:00 PM	51.5	73.0	49.6
06:00 PM - 07:00 PM	56.6	63.3	51.9
07:00 PM - 08:00 PM	56.0	80.1	53.2
08:00 PM - 09:00 PM	55.2	71.8	52.1
09:00 PM - 10:00 PM	54.5	67.3	51.1
10:00 PM - 11:00 PM	51.0	65.1	48.5
11:00 PM - 12:00 AM	52.1	64.3	49.4
12:00 AM - 01:00 AM	50.9	55.7	49.0
01:00 AM - 02:00 AM	50.7	70.4	48.0
02:00 AM - 03:00 AM	49.8	60.5	47.6
03:00 AM - 04:00 AM	48.4	65.7	46.0
04:00 AM - 05:00 AM	48.5	68.0	45.9
05:00 AM - 06:00 AM	53.4	70.2	49.5
06:00 AM - 07:00 AM	54.9	70.9	51.4
07:00 AM - 08:00 AM	53.3	85.3	46.5

Leq Average 24 hrs. (dB(A)) 52.2
Lmax (dB(A)) 85.3
L90 (dB(A)) 47.6
Ldn (dB(A)) 58.1
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

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494229
Date Received : Sep 04, 2024
Date Reported : Sep 10, 2024
Report Number: 3106913-1

Page 1 of 1

Sample Number 2494229-14
Parameter Noise (Leq 24 hrs.)
Location โรงเรียนอนุบาลพันทิว (GPS 47P 0722987, 1616402)
Measurement Date Aug 29 - Aug 30, 2024
Measurement by Prommee Sripatnet
Sound Level meter Serial No. 1022261

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:00 AM - 09:00 AM	52.3	77.9	47.6
09:00 AM - 10:00 AM	52.2	68.3	49.4
10:00 AM - 11:00 AM	52.3	72.5	48.9
11:00 AM - 12:00 PM	50.6	73.1	47.5
12:00 PM - 01:00 PM	49.9	72.6	47.1
01:00 PM - 02:00 PM	56.9	88.1	51.5
02:00 PM - 03:00 PM	54.8	76.4	50.7
03:00 PM - 04:00 PM	54.1	82.9	51.1
04:00 PM - 05:00 PM	52.8	79.5	49.0
05:00 PM - 06:00 PM	51.9	59.1	50.3
06:00 PM - 07:00 PM	53.1	60.4	50.9
07:00 PM - 08:00 PM	55.3	62.5	53.3
08:00 PM - 09:00 PM	53.4	73.8	51.5
09:00 PM - 10:00 PM	52.5	68.7	50.1
10:00 PM - 11:00 PM	52.0	58.1	50.0
11:00 PM - 12:00 AM	52.6	69.8	48.7
12:00 AM - 01:00 AM	51.2	59.6	48.3
01:00 AM - 02:00 AM	54.4	78.4	48.0
02:00 AM - 03:00 AM	49.4	60.1	47.4
03:00 AM - 04:00 AM	54.2	76.2	48.0
04:00 AM - 05:00 AM	49.3	58.8	47.6
05:00 AM - 06:00 AM	52.0	70.3	48.7
06:00 AM - 07:00 AM	52.2	75.4	48.4
07:00 AM - 08:00 AM	50.4	69.8	47.0

Leq Average 24 hrs. (dB(A)) 52.9
Lmax (dB(A)) 88.1
L90 (dB(A)) 48.7
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

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Analysis / Test Report

Client : Siam City Cement Public Company Limited

99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi Thailand 18260

P/O :

Project Name : Saraburi Factory Plant

Project Location :

Lot ID: 2494229

Date Received : Sep 04, 2024

Date Reported : Sep 10, 2024

Report Number: 3106914-1

Page 1 of 1

Sample Number 2494229-15
Parameter Noise (Leq 24 hrs.)
Location บ้านผาเสด็จ (GPS 47P 0726659, 1619824)
Measurement Date Aug 23 - Aug 24, 2024
Measurement by Prommee Sripatnet
Sound Level meter Serial No. 623381

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:00 AM - 09:00 AM	56.2	80.7	41.2
09:00 AM - 10:00 AM	57.1	83.9	41.5
10:00 AM - 11:00 AM	53.8	77.1	42.5
11:00 AM - 12:00 PM	52.6	77.6	41.1
12:00 PM - 01:00 PM	56.7	81.7	41.0
01:00 PM - 02:00 PM	47.7	73.6	41.3
02:00 PM - 03:00 PM	46.0	66.1	40.0
03:00 PM - 04:00 PM	54.2	77.6	42.6
04:00 PM - 05:00 PM	57.2	83.2	42.2
05:00 PM - 06:00 PM	56.2	80.4	39.2
06:00 PM - 07:00 PM	55.7	69.2	48.2
07:00 PM - 08:00 PM	62.2	77.4	52.7
08:00 PM - 09:00 PM	57.1	77.2	45.8
09:00 PM - 10:00 PM	51.1	72.1	44.1
10:00 PM - 11:00 PM	56.9	81.3	46.4
11:00 PM - 12:00 AM	60.4	87.3	42.2
12:00 AM - 01:00 AM	59.4	71.2	39.6
01:00 AM - 02:00 AM	60.9	87.9	38.8
02:00 AM - 03:00 AM	50.9	71.3	37.5
03:00 AM - 04:00 AM	52.4	70.2	37.0
04:00 AM - 05:00 AM	50.8	75.8	40.3
05:00 AM - 06:00 AM	58.9	84.6	43.6
06:00 AM - 07:00 AM	57.4	87.8	43.8
07:00 AM - 08:00 AM	49.7	75.7	43.9

Leq Average 24 hrs. (dB(A))

56.7

Lmax (dB(A))

87.9

L90 (dB(A))

41.5

Ldn (dB(A))

64.0

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

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Analysis / Test Report

Client : Siam City Cement Public Company Limited

99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi Thailand 18260

P/O :

Project Name : Saraburi Factory Plant

Project Location :

Lot ID: 2494229

Date Received : Sep 04, 2024

Date Reported : Sep 10, 2024

Report Number: 3106915-1

Page 1 of 1

Sample Number 2494229-16
Parameter Noise (Leq 24 hrs.)
Location บ้านผาเสด็จ (GPS 47P 0726659, 1619824)
Measurement Date Aug 24 - Aug 25, 2024
Measurement by Prommee Sripatnet
Sound Level meter Serial No. 623381

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:00 AM - 09:00 AM	55.8	88.5	41.4
09:00 AM - 10:00 AM	57.2	79.3	38.9
10:00 AM - 11:00 AM	56.5	91.0	36.4
11:00 AM - 12:00 PM	44.9	73.6	37.8
12:00 PM - 01:00 PM	55.1	78.5	36.4
01:00 PM - 02:00 PM	58.2	84.6	36.2
02:00 PM - 03:00 PM	55.6	91.7	35.8
03:00 PM - 04:00 PM	54.0	79.3	38.0
04:00 PM - 05:00 PM	57.6	81.4	39.4
05:00 PM - 06:00 PM	47.7	71.0	36.4
06:00 PM - 07:00 PM	57.5	78.3	48.0
07:00 PM - 08:00 PM	59.8	69.8	52.4
08:00 PM - 09:00 PM	57.7	80.9	50.8
09:00 PM - 10:00 PM	62.8	82.4	57.7
10:00 PM - 11:00 PM	66.1	78.2	62.8
11:00 PM - 12:00 AM	62.1	81.8	53.2
12:00 AM - 01:00 AM	55.8	77.0	45.2
01:00 AM - 02:00 AM	58.3	86.0	39.9
02:00 AM - 03:00 AM	57.2	90.3	35.9
03:00 AM - 04:00 AM	59.2	89.2	34.7
04:00 AM - 05:00 AM	58.8	84.7	34.7
05:00 AM - 06:00 AM	60.4	84.9	39.2
06:00 AM - 07:00 AM	55.2	76.8	43.3
07:00 AM - 08:00 AM	52.6	84.3	42.9

Leq Average 24 hrs. (dB(A))

58.8

Lmax (dB(A))

91.7

L90 (dB(A))

39.2

Ldn (dB(A))

66.6

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

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Analysis / Test Report

Client : Siam City Cement Public Company Limited

99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi Thailand 18260

P/O :

Project Name : Saraburi Factory Plant

Project Location :

Lot ID: 2494229

Date Received : Sep 04, 2024

Date Reported : Sep 10, 2024

Report Number: 3106916-1

Page 1 of 1

Sample Number 2494229-17
Parameter Noise (Leq 24 hrs.)
Location บ้านผาเสด็จ (GPS 47P 0726659, 1619824)
Measurement Date Aug 25 - Aug 26, 2024
Measurement by Prommee Sripatnet
Sound Level meter Serial No. 623381

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:00 AM - 09:00 AM	60.0	91.2	38.3
09:00 AM - 10:00 AM	63.8	92.1	36.0
10:00 AM - 11:00 AM	54.9	81.4	36.1
11:00 AM - 12:00 PM	54.8	77.3	43.2
12:00 PM - 01:00 PM	53.8	78.0	43.9
01:00 PM - 02:00 PM	56.8	82.2	44.1
02:00 PM - 03:00 PM	50.1	72.9	46.1
03:00 PM - 04:00 PM	53.5	73.9	47.1
04:00 PM - 05:00 PM	63.9	90.9	61.7
05:00 PM - 06:00 PM	66.1	86.7	65.0
06:00 PM - 07:00 PM	47.4	70.6	45.4
07:00 PM - 08:00 PM	48.0	67.7	46.6
08:00 PM - 09:00 PM	52.1	65.3	50.7
09:00 PM - 10:00 PM	54.4	70.3	52.4
10:00 PM - 11:00 PM	55.3	67.9	52.7
11:00 PM - 12:00 AM	52.1	67.2	49.4
12:00 AM - 01:00 AM	52.5	63.8	50.2
01:00 AM - 02:00 AM	49.8	60.4	47.7
02:00 AM - 03:00 AM	51.2	67.4	49.4
03:00 AM - 04:00 AM	53.1	72.6	52.2
04:00 AM - 05:00 AM	54.0	69.2	52.7
05:00 AM - 06:00 AM	53.2	67.0	50.9
06:00 AM - 07:00 AM	58.0	88.5	51.6
07:00 AM - 08:00 AM	54.3	68.2	52.0

Leq Average 24 hrs. (dB(A))

57.8

Lmax (dB(A))

92.1

L90 (dB(A))

49.4

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

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S:\Reports\Air Noise rpt (3 23PM)



Analysis / Test Report

Client : Siam City Cement Public Company Limited

99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi Thailand 18260

P/O :

Project Name : Saraburi Factory Plant

Project Location :

Lot ID: 2494229

Date Received : Sep 04, 2024

Date Reported : Sep 10, 2024

Report Number: 3106917-1

Page 1 of 1

Sample Number 2494229-18
Parameter Noise (Leq 24 hrs.)
Location บ้านผาเสด็จ (GPS 47P 0726659, 1619824)
Measurement Date Aug 26 - Aug 27, 2024
Measurement by Prommee Sripatnet
Sound Level meter Serial No. 623381

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:00 AM - 09:00 AM	53.1	68.5	51.3
09:00 AM - 10:00 AM	51.2	66.6	48.9
10:00 AM - 11:00 AM	48.9	69.9	46.5
11:00 AM - 12:00 PM	54.3	78.6	51.5
12:00 PM - 01:00 PM	54.2	83.7	49.3
01:00 PM - 02:00 PM	55.3	77.7	51.6
02:00 PM - 03:00 PM	51.1	66.8	47.3
03:00 PM - 04:00 PM	52.9	69.7	50.3
04:00 PM - 05:00 PM	55.4	74.9	53.2
05:00 PM - 06:00 PM	55.2	69.4	53.0
06:00 PM - 07:00 PM	55.3	73.3	52.9
07:00 PM - 08:00 PM	56.4	69.9	53.6
08:00 PM - 09:00 PM	56.7	71.9	54.0
09:00 PM - 10:00 PM	55.8	70.2	53.2
10:00 PM - 11:00 PM	57.1	67.0	55.8
11:00 PM - 12:00 AM	55.8	75.2	53.4
12:00 AM - 01:00 AM	56.5	69.6	52.7
01:00 AM - 02:00 AM	55.4	72.8	51.5
02:00 AM - 03:00 AM	57.8	83.6	50.5
03:00 AM - 04:00 AM	54.7	75.8	47.8
04:00 AM - 05:00 AM	55.4	78.1	50.2
05:00 AM - 06:00 AM	57.9	77.2	51.5
06:00 AM - 07:00 AM	57.3	79.2	53.7
07:00 AM - 08:00 AM	54.7	78.3	51.5

Leq Average 24 hrs. (dB(A))

55.4

Lmax (dB(A))

83.7

L90 (dB(A))

51.5

Ldn (dB(A))

62.7

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

Technical Management

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S:\Reports\Air Noise rpt (3 23PM)



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh, Saraburi Thailand
18260

P/O :

Project Name : Saraburi Factory Plant

Project Location :

Lot ID: 2494229

Date Received : Sep 04, 2024

Date Reported : Sep 10, 2024

Report Number: 3106918-1

Page 1 of 1

Sample Number 2494229-19
Parameter Noise (Leq 24 hrs.)
Location บ้านผาเสด็จ (GPS 47P 0726659, 1619824)
Measurement Date Aug 27 - Aug 28, 2024
Measurement by Prommee Sripatnet
Sound Level meter Serial No. 623381

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:00 AM - 09:00 AM	53.7	73.2	50.5
09:00 AM - 10:00 AM	55.7	83.0	50.5
10:00 AM - 11:00 AM	53.6	67.4	51.2
11:00 AM - 12:00 PM	51.9	71.5	49.3
12:00 PM - 01:00 PM	48.8	72.5	45.6
01:00 PM - 02:00 PM	55.1	84.2	46.6
02:00 PM - 03:00 PM	66.2	87.6	52.0
03:00 PM - 04:00 PM	68.7	89.0	54.1
04:00 PM - 05:00 PM	60.4	77.6	41.8
05:00 PM - 06:00 PM	58.2	87.3	44.2
06:00 PM - 07:00 PM	53.1	82.9	46.7
07:00 PM - 08:00 PM	52.1	75.9	48.7
08:00 PM - 09:00 PM	52.7	71.6	50.1
09:00 PM - 10:00 PM	53.1	75.2	50.8
10:00 PM - 11:00 PM	52.5	64.2	50.2
11:00 PM - 12:00 AM	52.5	67.2	50.1
12:00 AM - 01:00 AM	52.9	69.8	50.6
01:00 AM - 02:00 AM	54.2	75.6	52.1
02:00 AM - 03:00 AM	52.8	81.5	49.3
03:00 AM - 04:00 AM	51.8	61.6	49.7
04:00 AM - 05:00 AM	51.9	79.9	49.6
05:00 AM - 06:00 AM	54.0	65.0	51.9
06:00 AM - 07:00 AM	56.0	78.4	53.3
07:00 AM - 08:00 AM	54.3	72.3	52.0

Leq Average 24 hrs. (dB(A)) 58.7
Lmax (dB(A)) 89.0
L90 (dB(A)) 50.1
Ldn (dB(A)) 61.7
Standard (dB(A)) 70 115

Reference Method : ISO1996-1 and 1996-2

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

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh, Saraburi Thailand
18260

P/O :

Project Name : Saraburi Factory Plant

Project Location :

Lot ID: 2494229

Date Received : Sep 04, 2024

Date Reported : Sep 10, 2024

Report Number: 3106919-1

Page 1 of 1

Sample Number 2494229-20
Parameter Noise (Leq 24 hrs.)
Location บ้านผาเสด็จ (GPS 47P 0726659, 1619824)
Measurement Date Aug 28 - Aug 29, 2024
Measurement by Prommee Sripatnet
Sound Level meter Serial No. 623381

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:00 AM - 09:00 AM	53.1	74.7	50.6
09:00 AM - 10:00 AM	54.2	74.8	49.5
10:00 AM - 11:00 AM	54.8	80.0	39.2
11:00 AM - 12:00 PM	48.8	72.8	43.0
12:00 PM - 01:00 PM	50.0	71.6	42.5
01:00 PM - 02:00 PM	59.1	90.1	43.5
02:00 PM - 03:00 PM	57.5	81.9	46.5
03:00 PM - 04:00 PM	57.3	83.3	42.7
04:00 PM - 05:00 PM	52.2	80.2	39.6
05:00 PM - 06:00 PM	61.7	91.7	46.3
06:00 PM - 07:00 PM	57.2	75.7	44.4
07:00 PM - 08:00 PM	59.1	77.7	46.4
08:00 PM - 09:00 PM	63.4	75.8	60.2
09:00 PM - 10:00 PM	65.3	82.2	58.7
10:00 PM - 11:00 PM	66.0	73.5	59.7
11:00 PM - 12:00 AM	59.1	81.6	47.3
12:00 AM - 01:00 AM	57.1	79.7	40.3
01:00 AM - 02:00 AM	58.6	83.6	39.0
02:00 AM - 03:00 AM	55.4	77.4	36.0
03:00 AM - 04:00 AM	57.1	80.9	39.2
04:00 AM - 05:00 AM	55.7	80.3	43.5
05:00 AM - 06:00 AM	56.8	87.5	42.6
06:00 AM - 07:00 AM	55.8	91.6	38.1
07:00 AM - 08:00 AM	50.4	79.3	35.9

Leq Average 24 hrs. (dB(A)) 59.1
Lmax (dB(A)) 91.7
L90 (dB(A)) 43.0
Ldn (dB(A)) 65.9
Standard (dB(A)) 70 115

Reference Method : ISO1996-1 and 1996-2

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

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494229
Date Received : Sep 04, 2024
Date Reported : Sep 10, 2024
Report Number: 3106920-1

Page 1 of 1

Sample Number 2494229-21
Parameter Noise (Leq 24 hrs.)
Location บ้านผาเสด็จ (GPS 47P 0726659, 1619824)
Measurement Date Aug 29 - Aug 30, 2024
Measurement by Prommee Sripatnet
Sound Level meter Serial No. 623381

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:00 AM - 09:00 AM	57.1	84.1	35.0
09:00 AM - 10:00 AM	56.7	94.5	35.7
10:00 AM - 11:00 AM	56.4	84.8	34.7
11:00 AM - 12:00 PM	57.1	80.1	36.6
12:00 PM - 01:00 PM	55.6	79.3	45.3
01:00 PM - 02:00 PM	63.6	89.9	39.1
02:00 PM - 03:00 PM	63.0	87.2	41.5
03:00 PM - 04:00 PM	54.2	80.6	39.4
04:00 PM - 05:00 PM	54.3	87.6	40.2
05:00 PM - 06:00 PM	62.7	77.2	47.9
06:00 PM - 07:00 PM	60.4	90.8	48.1
07:00 PM - 08:00 PM	60.4	79.9	53.5
08:00 PM - 09:00 PM	60.2	70.7	57.0
09:00 PM - 10:00 PM	57.1	82.7	50.2
10:00 PM - 11:00 PM	50.4	68.6	40.0
11:00 PM - 12:00 AM	56.0	84.8	43.7
12:00 AM - 01:00 AM	54.4	81.8	39.8
01:00 AM - 02:00 AM	56.2	81.4	37.5
02:00 AM - 03:00 AM	57.1	82.9	38.5
03:00 AM - 04:00 AM	59.6	83.5	38.3
04:00 AM - 05:00 AM	59.7	82.6	43.9
05:00 AM - 06:00 AM	58.3	83.2	43.9
06:00 AM - 07:00 AM	56.9	79.9	42.6
07:00 AM - 08:00 AM	59.0	86.4	43.5

Leq Average 24 hrs. (dB(A)) 58.8
Lmax (dB(A)) 94.5
L90 (dB(A)) 40.2
Ldn (dB(A)) 64.0
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

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494229
Date Received : Sep 04, 2024
Date Reported : Sep 10, 2024
Report Number: 3106921-1

Page 1 of 1

Sample Number 2494229-22
Parameter Noise (Leq 24 hrs.)
Location ชิมรู่ด้านหน้าโรงงาน (ระยะดำเนินการ) (GPS 47P 0726066, 1617923)
Measurement Date Aug 23 - Aug 24, 2024
Measurement by Prommee Sripatnet
Sound Level meter Serial No. 572562

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:00 AM - 09:00 AM	61.7	79.9	59.5
09:00 AM - 10:00 AM	63.3	86.4	61.1
10:00 AM - 11:00 AM	63.0	83.6	60.3
11:00 AM - 12:00 PM	62.9	84.5	60.6
12:00 PM - 01:00 PM	62.9	80.5	60.8
01:00 PM - 02:00 PM	62.7	77.9	60.6
02:00 PM - 03:00 PM	61.8	78.4	59.8
03:00 PM - 04:00 PM	62.4	80.8	60.2
04:00 PM - 05:00 PM	61.9	81.5	60.0
05:00 PM - 06:00 PM	63.8	86.0	61.3
06:00 PM - 07:00 PM	63.4	83.3	60.9
07:00 PM - 08:00 PM	63.6	80.9	61.0
08:00 PM - 09:00 PM	62.8	80.8	60.8
09:00 PM - 10:00 PM	62.6	82.9	60.0
10:00 PM - 11:00 PM	62.5	86.9	59.3
11:00 PM - 12:00 AM	61.5	78.2	58.1
12:00 AM - 01:00 AM	60.2	76.2	57.2
01:00 AM - 02:00 AM	61.1	78.3	58.7
02:00 AM - 03:00 AM	61.4	80.6	59.1
03:00 AM - 04:00 AM	61.2	79.1	58.8
04:00 AM - 05:00 AM	61.4	78.4	58.9
05:00 AM - 06:00 AM	61.6	77.4	58.8
06:00 AM - 07:00 AM	62.4	77.9	59.9
07:00 AM - 08:00 AM	61.9	76.7	59.8

Leq Average 24 hrs. (dB(A)) 62.3
Lmax (dB(A)) 86.9
L90 (dB(A)) 59.9
Ldn (dB(A)) 68.1
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

Technical Management

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi Thailand 18260
P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494229
Date Received : Sep 04, 2024
Date Reported : Sep 10, 2024
Report Number: 3106922-1

Page 1 of 1

Sample Number 2494229-23
Parameter Noise (Leq 24 hrs.)
Location รั้วด้านหน้าโรงงาน (ระยะดำเนินการ) (GPS 47P 0726066, 1617923)
Measurement Date Aug 24 - Aug 25, 2024
Measurement by Prommee Sripatnet
Sound Level meter Serial No. 572562

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:00 AM - 09:00 AM	64.1	80.1	60.4
09:00 AM - 10:00 AM	64.4	80.8	61.6
10:00 AM - 11:00 AM	64.4	80.7	62.0
11:00 AM - 12:00 PM	64.0	81.6	61.3
12:00 PM - 01:00 PM	62.6	80.5	60.6
01:00 PM - 02:00 PM	63.4	81.0	61.1
02:00 PM - 03:00 PM	62.3	77.0	60.7
03:00 PM - 04:00 PM	62.2	75.6	60.5
04:00 PM - 05:00 PM	62.9	82.1	60.8
05:00 PM - 06:00 PM	63.3	82.5	61.2
06:00 PM - 07:00 PM	62.8	78.2	60.5
07:00 PM - 08:00 PM	61.5	76.4	59.6
08:00 PM - 09:00 PM	62.0	82.8	59.8
09:00 PM - 10:00 PM	62.8	91.5	59.8
10:00 PM - 11:00 PM	61.9	83.6	59.6
11:00 PM - 12:00 AM	60.1	77.9	57.9
12:00 AM - 01:00 AM	60.4	80.5	58.2
01:00 AM - 02:00 AM	60.2	81.4	58.6
02:00 AM - 03:00 AM	60.5	71.1	58.9
03:00 AM - 04:00 AM	60.6	80.6	58.8
04:00 AM - 05:00 AM	60.9	78.1	58.4
05:00 AM - 06:00 AM	60.8	79.6	58.1
06:00 AM - 07:00 AM	61.1	76.1	58.5
07:00 AM - 08:00 AM	61.1	84.2	58.3

Leq Average 24 hrs. (dB(A)) 62.3
Lmax (dB(A)) 91.5
L90 (dB(A)) 59.8
Ldn (dB(A)) 67.6
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

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi Thailand 18260
P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494229
Date Received : Sep 04, 2024
Date Reported : Sep 10, 2024
Report Number: 3106923-1

Page 1 of 1

Sample Number 2494229-24
Parameter Noise (Leq 24 hrs.)
Location รั้วด้านหน้าโรงงาน (ระยะดำเนินการ) (GPS 47P 0726066, 1617923)
Measurement Date Aug 25 - Aug 26, 2024
Measurement by Prommee Sripatnet
Sound Level meter Serial No. 572562

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:00 AM - 09:00 AM	62.1	77.1	59.6
09:00 AM - 10:00 AM	62.7	78.0	60.4
10:00 AM - 11:00 AM	64.0	87.5	61.2
11:00 AM - 12:00 PM	62.7	78.5	60.5
12:00 PM - 01:00 PM	62.4	80.2	60.0
01:00 PM - 02:00 PM	62.9	83.7	60.2
02:00 PM - 03:00 PM	63.5	79.1	60.1
03:00 PM - 04:00 PM	62.5	81.8	60.7
04:00 PM - 05:00 PM	62.5	80.3	60.5
05:00 PM - 06:00 PM	62.1	77.8	60.1
06:00 PM - 07:00 PM	62.5	81.7	59.8
07:00 PM - 08:00 PM	61.5	80.1	58.5
08:00 PM - 09:00 PM	60.4	73.7	58.0
09:00 PM - 10:00 PM	59.9	78.7	57.3
10:00 PM - 11:00 PM	60.6	75.8	57.5
11:00 PM - 12:00 AM	58.7	68.2	55.9
12:00 AM - 01:00 AM	59.2	76.4	56.6
01:00 AM - 02:00 AM	60.3	75.7	58.3
02:00 AM - 03:00 AM	60.0	69.8	58.3
03:00 AM - 04:00 AM	59.9	79.2	58.4
04:00 AM - 05:00 AM	60.1	72.9	58.0
05:00 AM - 06:00 AM	60.9	79.0	58.8
06:00 AM - 07:00 AM	62.0	76.0	59.8
07:00 AM - 08:00 AM	61.9	76.8	59.8

Leq Average 24 hrs. (dB(A)) 61.7
Lmax (dB(A)) 87.5
L90 (dB(A)) 59.6
Ldn (dB(A)) 67.0
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

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S:\Reports_Air Noise rpt (3 27PM)



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494229
Date Received : Sep 04, 2024
Date Reported : Sep 10, 2024
Report Number: 3106924-1

Page 1 of 1

Sample Number 2494229-25
Parameter Noise (Leq 24 hrs.)
Location ริมรั้วด้านหน้าโรงงาน (ระยะดำเนินการ) (GPS 47P 0726066, 1617923)
Measurement Date Aug 26 - Aug 27, 2024
Measurement by Prommee Sripatnet
Sound Level meter Serial No. 572562

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:00 AM - 09:00 AM	61.0	81.0	58.6
09:00 AM - 10:00 AM	62.0	79.8	59.7
10:00 AM - 11:00 AM	62.6	80.0	60.1
11:00 AM - 12:00 PM	61.9	80.8	59.5
12:00 PM - 01:00 PM	61.8	78.7	59.2
01:00 PM - 02:00 PM	61.6	79.4	59.4
02:00 PM - 03:00 PM	64.0	87.8	59.7
03:00 PM - 04:00 PM	61.9	87.0	59.6
04:00 PM - 05:00 PM	62.8	79.2	59.9
05:00 PM - 06:00 PM	62.6	80.8	60.2
06:00 PM - 07:00 PM	63.3	79.2	60.8
07:00 PM - 08:00 PM	62.9	77.9	60.5
08:00 PM - 09:00 PM	62.4	83.9	60.0
09:00 PM - 10:00 PM	62.6	83.6	60.1
10:00 PM - 11:00 PM	61.9	77.6	58.8
11:00 PM - 12:00 AM	60.5	83.6	57.5
12:00 AM - 01:00 AM	60.9	81.1	58.0
01:00 AM - 02:00 AM	60.9	78.5	58.1
02:00 AM - 03:00 AM	61.9	83.4	58.7
03:00 AM - 04:00 AM	62.1	82.4	59.1
04:00 AM - 05:00 AM	61.3	81.3	59.0
05:00 AM - 06:00 AM	61.5	81.5	59.0
06:00 AM - 07:00 AM	62.1	77.3	59.7
07:00 AM - 08:00 AM	61.9	77.0	59.4

Leq Average 24 hrs. (dB(A)) 62.1
Lmax (dB(A)) 87.8
L90 (dB(A)) 59.4
Ldn (dB(A)) 68.0
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

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S:\Reports_Air Noise rpt (3 27PM)



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494229
Date Received : Sep 04, 2024
Date Reported : Sep 10, 2024
Report Number: 3106925-1

Page 1 of 1

Sample Number 2494229-26
Parameter Noise (Leq 24 hrs.)
Location ริมรั้วด้านหน้าโรงงาน (ระยะดำเนินการ) (GPS 47P 0726066, 1617923)
Measurement Date Aug 27 - Aug 28, 2024
Measurement by Prommee Sripatnet
Sound Level meter Serial No. 572562

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:00 AM - 09:00 AM	61.7	80.7	59.5
09:00 AM - 10:00 AM	64.1	78.8	61.1
10:00 AM - 11:00 AM	62.5	77.8	60.1
11:00 AM - 12:00 PM	63.4	86.0	60.5
12:00 PM - 01:00 PM	62.8	79.6	59.9
01:00 PM - 02:00 PM	63.3	79.2	60.8
02:00 PM - 03:00 PM	64.2	82.5	60.6
03:00 PM - 04:00 PM	61.9	80.7	60.6
04:00 PM - 05:00 PM	62.7	80.2	60.9
05:00 PM - 06:00 PM	62.6	76.9	60.4
06:00 PM - 07:00 PM	62.6	80.3	60.3
07:00 PM - 08:00 PM	63.0	92.7	60.0
08:00 PM - 09:00 PM	63.5	82.1	61.0
09:00 PM - 10:00 PM	62.6	79.5	60.3
10:00 PM - 11:00 PM	61.5	85.0	58.6
11:00 PM - 12:00 AM	60.1	80.9	57.1
12:00 AM - 01:00 AM	60.4	81.4	57.7
01:00 AM - 02:00 AM	61.3	78.9	58.4
02:00 AM - 03:00 AM	61.9	78.2	58.7
03:00 AM - 04:00 AM	61.2	78.8	59.3
04:00 AM - 05:00 AM	60.2	79.9	58.2
05:00 AM - 06:00 AM	61.2	77.7	59.0
06:00 AM - 07:00 AM	61.5	76.9	59.3
07:00 AM - 08:00 AM	61.3	76.8	59.3

Leq Average 24 hrs. (dB(A)) 62.3
Lmax (dB(A)) 92.7
L90 (dB(A)) 59.9
Ldn (dB(A)) 67.8
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

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi Thailand 18260
P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494229
Date Received : Sep 04, 2024
Date Reported : Sep 10, 2024
Report Number: 3106926-1

Page 1 of 1

Sample Number 2494229-27
Parameter Noise (Leq 24 hrs.)
Location ริมรั้วด้านหน้าโรงงาน (ระยะดำเนินการ) (GPS 47P 0726066, 1617923)
Measurement Date Aug 28 - Aug 29, 2024
Measurement by Prommee Sripatnet
Sound Level meter Serial No. 572562

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:00 AM - 09:00 AM	62.2	79.8	58.8
09:00 AM - 10:00 AM	62.7	80.1	60.4
10:00 AM - 11:00 AM	62.9	80.9	60.6
11:00 AM - 12:00 PM	63.2	81.7	61.0
12:00 PM - 01:00 PM	61.9	77.2	59.9
01:00 PM - 02:00 PM	62.0	81.3	60.0
02:00 PM - 03:00 PM	62.9	86.3	59.9
03:00 PM - 04:00 PM	61.3	75.9	59.4
04:00 PM - 05:00 PM	62.4	78.9	59.9
05:00 PM - 06:00 PM	63.6	83.6	61.0
06:00 PM - 07:00 PM	63.7	89.0	60.5
07:00 PM - 08:00 PM	62.9	80.7	60.3
08:00 PM - 09:00 PM	62.5	81.5	60.2
09:00 PM - 10:00 PM	62.2	79.1	60.0
10:00 PM - 11:00 PM	62.2	80.3	59.5
11:00 PM - 12:00 AM	61.0	77.6	58.0
12:00 AM - 01:00 AM	59.5	75.6	56.8
01:00 AM - 02:00 AM	61.0	77.8	58.4
02:00 AM - 03:00 AM	61.6	80.5	59.1
03:00 AM - 04:00 AM	60.2	77.0	58.3
04:00 AM - 05:00 AM	60.6	79.8	58.4
05:00 AM - 06:00 AM	61.2	75.9	59.1
06:00 AM - 07:00 AM	62.0	82.1	59.8
07:00 AM - 08:00 AM	61.7	77.4	59.3

Leq Average 24 hrs. (dB(A)) 62.1
Lmax (dB(A)) 89.0
L90 (dB(A)) 59.8
Ldn (dB(A)) 67.8
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

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S\Reports_Air Noise rpt (3.28PM)



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi Thailand 18260
P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494229
Date Received : Sep 04, 2024
Date Reported : Sep 10, 2024
Report Number: 3106927-1

Page 1 of 1

Sample Number 2494229-28
Parameter Noise (Leq 24 hrs.)
Location ริมรั้วด้านหน้าโรงงาน (ระยะดำเนินการ) (GPS 47P 0726066, 1617923)
Measurement Date Aug 29 - Aug 30, 2024
Measurement by Prommee Sripatnet
Sound Level meter Serial No. 572562

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:00 AM - 09:00 AM	62.7	78.1	59.8
09:00 AM - 10:00 AM	64.0	85.7	60.9
10:00 AM - 11:00 AM	62.7	78.2	60.2
11:00 AM - 12:00 PM	62.8	79.9	60.7
12:00 PM - 01:00 PM	62.5	79.3	60.1
01:00 PM - 02:00 PM	64.5	91.9	61.4
02:00 PM - 03:00 PM	69.3	81.8	65.6
03:00 PM - 04:00 PM	62.5	81.7	60.3
04:00 PM - 05:00 PM	63.1	78.7	61.1
05:00 PM - 06:00 PM	63.6	79.7	61.5
06:00 PM - 07:00 PM	63.6	79.7	61.3
07:00 PM - 08:00 PM	62.2	78.9	60.4
08:00 PM - 09:00 PM	61.8	75.3	59.9
09:00 PM - 10:00 PM	61.9	78.5	59.6
10:00 PM - 11:00 PM	61.9	80.6	58.6
11:00 PM - 12:00 AM	60.5	75.8	57.7
12:00 AM - 01:00 AM	60.1	76.0	57.4
01:00 AM - 02:00 AM	61.4	78.3	58.4
02:00 AM - 03:00 AM	61.0	77.5	58.7
03:00 AM - 04:00 AM	60.7	78.3	58.7
04:00 AM - 05:00 AM	60.5	74.5	58.6
05:00 AM - 06:00 AM	61.0	76.6	58.8
06:00 AM - 07:00 AM	62.7	87.8	60.1
07:00 AM - 08:00 AM	62.0	80.8	59.7

Leq Average 24 hrs. (dB(A)) 63.0
Lmax (dB(A)) 91.9
L90 (dB(A)) 59.9
Ldn (dB(A)) 68.1
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

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S\Reports_Air Noise rpt (3.28PM)



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494231
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report Number : 3107781-1

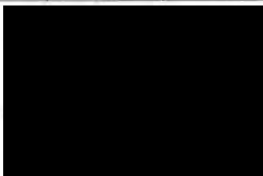
Page 1 of 3

Sample No. 2494231-1
Parameter เสียงรบกวน
Location บ้านชั้นบน (GPS 47P 0728156, 1619149)
Measurement Date Aug 23 - Aug 24, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 00858520

ระดับเสียง (dB(A))						
เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีกิจกรรม	เสียงขณะมีกิจกรรม		เสียงพื้นฐาน	ค่าระดับการรบกวน
			กลางวัน	กลางคืน		
08:00 AM - 09:00 AM	59.1	57.3	54.4	-	53.7	0.7
09:00 AM - 10:00 AM	58.4	56.4	54.1	-	54.4	-0.3
10:00 AM - 11:00 AM	59.6	56.2	56.9	-	53.8	3.1
11:00 AM - 12:00 PM	59.4	56.9	55.8	-	54.6	1.2
12:00 PM - 01:00 PM	60.1	56.0	58.0	-	53.7	4.3
01:00 PM - 02:00 PM	59.7	56.1	57.2	-	54.0	3.2
02:00 PM - 03:00 PM	60.4	56.8	57.9	-	54.5	3.4
03:00 PM - 04:00 PM	60.1	56.8	57.4	-	54.4	3.0
04:00 PM - 05:00 PM	60.1	57.9	56.1	-	56.1	0.0
05:00 PM - 06:00 PM	60.1	59.7	49.5	-	57.9	-8.4
06:00 PM - 07:00 PM	59.7	59.7	n/a	-	57.7	-
07:00 PM - 08:00 PM	59.2	60.0	n/a	-	58.0	-
08:00 PM - 09:00 PM	59.6	59.5	43.2	-	57.5	-14.3
09:00 PM - 10:00 PM	59.6	59.5	43.2	-	57.4	-14.2
10:00 PM - 10:05 PM	58.4	60.1	-	n/a	57.6	-
10:05 PM - 10:10 PM	58.8	59.1	-	n/a	57.3	-
10:10 PM - 10:15 PM	59.0	58.8	-	48.5	56.5	-8.0
10:15 PM - 10:20 PM	59.1	59.2	-	n/a	57.7	-
10:20 PM - 10:25 PM	58.5	59.1	-	n/a	57.1	-
10:25 PM - 10:30 PM	58.8	59.8	-	n/a	57.3	-
10:30 PM - 10:35 PM	59.1	58.7	-	51.5	56.4	-4.9
10:35 PM - 10:40 PM	58.7	56.3	-	58.0	54.2	3.8
10:40 PM - 10:45 PM	58.8	55.8	-	58.8	53.8	5.0
10:45 PM - 10:50 PM	58.8	55.6	-	59.0	54.2	4.8
10:50 PM - 10:55 PM	59.4	56.1	-	59.7	53.7	6.0
10:55 PM - 11:00 PM	59.2	56.3	-	59.1	54.0	5.1
11:00 PM - 11:05 PM	59.3	57.6	-	57.4	55.6	1.8
11:05 PM - 11:10 PM	58.7	57.9	-	54.0	54.7	-0.7
11:10 PM - 11:15 PM	58.7	56.7	-	57.4	54.7	2.7
11:15 PM - 11:20 PM	58.5	56.6	-	57.0	55.0	2.0
11:20 PM - 11:25 PM	58.6	56.9	-	56.7	54.4	2.3
11:25 PM - 11:30 PM	58.6	58.1	-	52.0	56.1	-4.1
11:30 PM - 11:35 PM	59.1	56.1	-	59.1	53.4	5.7
11:35 PM - 11:40 PM	58.5	57.2	-	55.6	54.1	1.5
11:40 PM - 11:45 PM	58.5	58.0	-	51.9	55.1	-3.2
11:45 PM - 11:50 PM	58.5	56.8	-	56.6	54.6	2.0
11:50 PM - 11:55 PM	58.9	56.1	-	58.7	53.6	5.1
11:55 PM - 12:00 AM	59.2	56.6	-	58.7	52.8	5.9
12:00 AM - 12:05 AM	58.6	57.4	-	55.4	54.7	0.7
12:05 AM - 12:10 AM	58.7	59.0	-	n/a	56.2	-

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



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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494231
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report Number : 3107781-1

Page 2 of 3

Sample No. 2494231-1
Parameter เสียงรบกวน
Location บ้านชั้นบน (GPS 47P 0728156, 1619149)
Measurement Date Aug 23 - Aug 24, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 00858520

ระดับเสียง (dB(A))						
เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีกิจกรรม	เสียงขณะมีกิจกรรม		เสียงพื้นฐาน	ค่าระดับการรบกวน
			กลางวัน	กลางคืน		
12:10 AM - 12:15 AM	59.0	58.5	-	52.4	56.6	-4.2
12:15 AM - 12:20 AM	60.2	58.0	-	59.2	55.6	3.6
12:20 AM - 12:25 AM	59.2	56.8	-	58.5	55.2	3.3
12:25 AM - 12:30 AM	59.5	57.3	-	58.5	54.8	3.7
12:30 AM - 12:35 AM	59.4	57.1	-	58.5	54.0	4.5
12:35 AM - 12:40 AM	59.1	56.2	-	59.0	54.3	4.7
12:40 AM - 12:45 AM	59.1	56.8	-	58.2	54.4	3.8
12:45 AM - 12:50 AM	59.2	57.9	-	56.3	54.2	2.1
12:50 AM - 12:55 AM	59.2	57.9	-	56.3	54.7	1.6
12:55 AM - 01:00 AM	59.4	56.1	-	59.7	54.0	5.7
01:00 AM - 01:05 AM	59.1	55.5	-	59.6	52.7	6.9
01:05 AM - 01:10 AM	59.4	56.4	-	59.4	54.4	5.0
01:10 AM - 01:15 AM	59.7	56.2	-	60.1	53.5	6.6
01:15 AM - 01:20 AM	59.7	55.8	-	60.4	53.6	6.8
01:20 AM - 01:25 AM	61.7	55.2	-	63.6	53.0	10.6
01:25 AM - 01:30 AM	60.0	55.5	-	61.1	53.6	7.5
01:30 AM - 01:35 AM	59.9	54.9	-	61.2	52.8	8.4
01:35 AM - 01:40 AM	60.3	55.2	-	61.7	53.1	8.6
01:40 AM - 01:45 AM	60.0	55.1	-	61.3	53.2	8.1
01:45 AM - 01:50 AM	59.6	55.3	-	60.6	53.0	7.6
01:50 AM - 01:55 AM	59.9	54.9	-	61.2	53.2	8.0
01:55 AM - 02:00 AM	61.6	55.6	-	63.3	53.5	9.8
02:00 AM - 02:05 AM	61.9	55.1	-	63.9	53.1	10.8
02:05 AM - 02:10 AM	61.1	55.0	-	62.9	52.3	10.6
02:10 AM - 02:15 AM	61.2	54.9	-	63.0	52.9	10.1
02:15 AM - 02:20 AM	61.5	55.2	-	63.3	52.9	10.4
02:20 AM - 02:25 AM	61.1	55.5	-	62.7	53.4	9.3
02:25 AM - 02:30 AM	60.8	56.0	-	62.1	53.2	8.9
02:30 AM - 02:35 AM	61.2	55.6	-	62.8	53.2	9.6
02:35 AM - 02:40 AM	61.5	55.7	-	63.2	53.0	10.2
02:40 AM - 02:45 AM	60.7	55.2	-	62.3	53.3	9.0
02:45 AM - 02:50 AM	60.8	56.2	-	62.0	53.7	8.3
02:50 AM - 02:55 AM	60.9	55.1	-	62.6	52.9	9.7
02:55 AM - 03:00 AM	60.9	55.1	-	62.6	52.8	9.8
03:00 AM - 03:05 AM	60.3	56.1	-	61.2	53.6	7.6
03:05 AM - 03:10 AM	60.4	54.6	-	62.6	52.6	10.0
03:10 AM - 03:15 AM	60.4	54.7	-	62.0	52.7	9.3
03:15 AM - 03:20 AM	60.0	58.4	-	57.9	52.9	5.0
03:20 AM - 03:25 AM	61.2	56.6	-	62.4	52.0	10.4
03:25 AM - 03:30 AM	60.4	56.7	-	61.0	52.8	8.2

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494231
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report Number : 3107781-1

Page 3 of 3

Sample No. 2494231-1
Parameter เสียงรบกวน
Location บ้านชัยมงคล (GPS 47P 0728156, 1619149)
Measurement Date Aug 23 - Aug 24, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 00858520

ระดับเสียง (dB(A))						
เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีกิจกรรม	เสียงขณะมีการรบกวน		เสียงพื้นฐาน	ค่าระดับการรบกวน
			กลางวัน	กลางคืน		
03:30 AM - 03:35 AM	60.4	56.9	-	60.8	53.6	7.2
03:35 AM - 03:40 AM	59.9	56.2	-	60.5	53.4	7.1
03:40 AM - 03:45 AM	60.8	56.9	-	61.5	54.1	7.4
03:45 AM - 03:50 AM	59.6	56.4	-	59.8	53.3	6.5
03:50 AM - 03:55 AM	60.4	56.5	-	61.1	53.1	8.0
03:55 AM - 04:00 AM	59.7	56.8	-	59.6	52.9	6.7
04:00 AM - 04:05 AM	60.1	55.7	-	61.1	53.8	7.3
04:05 AM - 04:10 AM	60.2	56.9	-	60.5	54.0	6.5
04:10 AM - 04:15 AM	60.0	56.8	-	60.2	54.8	5.4
04:15 AM - 04:20 AM	60.1	57.4	-	59.8	54.7	5.1
04:20 AM - 04:25 AM	60.4	57.2	-	60.6	54.3	6.3
04:25 AM - 04:30 AM	59.8	56.8	-	59.8	54.6	5.2
04:30 AM - 04:35 AM	59.8	57.0	-	59.6	54.5	5.1
04:35 AM - 04:40 AM	59.5	57.6	-	58.0	54.9	3.1
04:40 AM - 04:45 AM	60.9	57.6	-	61.2	55.4	5.8
04:45 AM - 04:50 AM	59.4	58.3	-	55.9	55.2	0.7
04:50 AM - 04:55 AM	59.7	57.9	-	58.0	55.0	3.0
04:55 AM - 05:00 AM	59.0	58.1	-	54.7	55.6	-0.9
05:00 AM - 05:05 AM	58.9	58.0	-	54.6	55.5	-0.9
05:05 AM - 05:10 AM	59.7	57.9	-	58.0	54.8	3.2
05:10 AM - 05:15 AM	59.0	58.6	-	51.4	56.2	-4.8
05:15 AM - 05:20 AM	59.3	58.2	-	55.8	56.0	-0.2
05:20 AM - 05:25 AM	58.6	57.4	-	55.4	54.8	0.6
05:25 AM - 05:30 AM	58.8	58.0	-	54.1	55.3	-1.2
05:30 AM - 05:35 AM	59.4	58.3	-	55.9	55.5	0.4
05:35 AM - 05:40 AM	60.8	58.6	-	59.8	55.6	4.2
05:40 AM - 05:45 AM	60.9	58.9	-	59.6	55.8	3.8
05:45 AM - 05:50 AM	59.6	58.6	-	55.7	56.1	-0.4
05:50 AM - 05:55 AM	58.8	58.4	-	51.2	55.9	-4.7
05:55 AM - 06:00 AM	63.9	59.2	-	65.1	56.5	8.6
06:00 AM - 07:00 AM	59.4	60.0	n/a	-	57.6	-
07:00 AM - 08:00 AM	58.7	59.4	n/a	-	57.2	-

ค่ามาตรฐาน

Reference Method :

- In-house method : STM 06-001 based on ISO 1996-1 : 2016
- ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจระดับเสียงการรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2567

มาตรฐาน

- ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
- ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานและขีดจำกัดเสียงที่เกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561

Remark:

- ระดับเสียงจากแหล่งกำเนิด ทำการตรวจวัด วันที่ 23-24 สิงหาคม 2567
- ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีกิจกรรม (Sample No 2494233-1 วันที่ตรวจวัด 23-24 สิงหาคม 2567)
- ก/ว: ไม่สามารถคำนวณระดับเสียงขณะมีการรบกวนเนื่องจากระดับเสียงจากแหล่งกำเนิดต่ำกว่าระดับเสียงขณะไม่มีกิจกรรม

Approved by



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494231
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report Number : 3107782-1

Page 1 of 3

Sample No. 2494231-2
Parameter เสียงรบกวน
Location บ้านชัยมงคล (GPS 47P 0728156, 1619149)
Measurement Date Aug 24 - Aug 25, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 00858520

ระดับเสียง (dB(A))						
เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีกิจกรรม	เสียงขณะมีการรบกวน		เสียงพื้นฐาน	ค่าระดับการรบกวน
			กลางวัน	กลางคืน		
08:00 AM - 09:00 AM	58.3	58.6	n/a	-	55.7	-
09:00 AM - 10:00 AM	59.3	56.6	-	-	54.3	1.7
10:00 AM - 11:00 AM	58.9	57.0	54.4	-	54.9	-0.5
11:00 AM - 12:00 PM	58.7	56.3	55.0	-	54.0	1.0
12:00 PM - 01:00 PM	60.1	56.4	57.7	-	54.0	3.7
01:00 PM - 02:00 PM	60.2	56.7	57.6	-	54.5	3.1
02:00 PM - 03:00 PM	61.4	56.6	59.7	-	54.2	5.5
03:00 PM - 04:00 PM	62.4	56.9	61.0	-	54.6	6.4
04:00 PM - 05:00 PM	60.9	58.6	57.0	-	56.5	0.5
05:00 PM - 06:00 PM	61.2	59.4	56.5	-	57.3	-0.8
06:00 PM - 07:00 PM	62.2	60.1	58.0	-	58.2	-0.2
07:00 PM - 08:00 PM	60.9	59.3	55.8	-	57.4	-1.6
08:00 PM - 09:00 PM	60.0	55.9	57.9	-	53.9	4.0
09:00 PM - 10:00 PM	60.1	57.5	56.6	-	54.4	2.2
10:00 PM - 10:05 PM	59.5	57.2	-	58.6	55.2	3.4
10:05 PM - 10:10 PM	59.9	57.8	-	58.7	55.4	3.3
10:10 PM - 10:15 PM	59.8	58.0	-	58.1	56.2	1.9
10:15 PM - 10:20 PM	59.9	56.6	-	60.2	54.5	5.7
10:20 PM - 10:25 PM	59.9	57.1	-	59.7	55.4	4.3
10:25 PM - 10:30 PM	59.8	57.2	-	59.3	54.9	4.4
10:30 PM - 10:35 PM	60.1	57.2	-	60.0	54.7	5.3
10:35 PM - 10:40 PM	59.5	57.2	-	58.6	55.0	3.6
10:40 PM - 10:45 PM	60.1	56.7	-	60.4	54.8	5.6
10:45 PM - 10:50 PM	59.7	56.8	-	59.6	54.8	4.8
10:50 PM - 10:55 PM	59.6	56.8	-	59.4	54.1	5.3
10:55 PM - 11:00 PM	59.8	57.3	-	59.2	54.9	4.3
11:00 PM - 11:05 PM	59.6	57.8	-	57.9	55.9	2.0
11:05 PM - 11:10 PM	59.7	56.8	-	59.6	54.5	5.1
11:10 PM - 11:15 PM	59.5	56.1	-	59.8	54.1	5.7
11:15 PM - 11:20 PM	59.2	55.4	-	59.9	53.6	6.3
11:20 PM - 11:25 PM	59.0	56.1	-	58.9	54.2	4.7
11:25 PM - 11:30 PM	59.4	59.3	-	46.0	55.6	-9.6
11:30 PM - 11:35 PM	59.0	61.8	-	n/a	55.6	-
11:35 PM - 11:40 PM	59.4	57.0	-	58.7	54.7	4.0
11:40 PM - 11:45 PM	59.4	55.1	-	60.4	53.5	6.9
11:45 PM - 11:50 PM	60.3	56.2	-	61.2	53.2	8.0
11:50 PM - 11:55 PM	60.0	55.1	-	61.3	53.4	7.9
11:55 PM - 12:00 AM	59.6	55.5	-	60.5	53.3	7.2
12:00 AM - 12:05 AM	59.5	54.4	-	60.9	51.9	9.0
12:05 AM - 12:10 AM	59.5	55.7	-	60.2	53.0	7.2

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494231
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report Number : 3107782-1

Page 2 of 3

Sample No. 2494231-2
Parameter เสียงรบกวน
Location บ้านชีบบอน (GPS 47P 0728156, 1619149)
Measurement Date Aug 24 - Aug 25, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 00858520

ระดับเสียง (dB(A))						
เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	เสียงขณะมีการรบกวน		เสียงพื้นฐาน	ค่าระดับการรบกวน
			กลางวัน	กลางคืน		
12:10 AM - 12:15 AM	59.5	55.4	-	60.4	53.2	7.2
12:15 AM - 12:20 AM	59.5	56.2	-	59.8	54.0	5.8
12:20 AM - 12:25 AM	59.6	56.3	-	59.9	54.3	5.6
12:25 AM - 12:30 AM	59.5	56.0	-	59.9	54.2	5.7
12:30 AM - 12:35 AM	59.8	56.5	-	60.1	54.8	5.3
12:35 AM - 12:40 AM	60.0	56.8	-	60.2	54.8	5.4
12:40 AM - 12:45 AM	59.7	56.9	-	59.5	55.2	4.3
12:45 AM - 12:50 AM	59.2	56.9	-	58.3	54.8	3.5
12:50 AM - 12:55 AM	59.7	57.0	-	59.4	54.8	4.6
12:55 AM - 01:00 AM	59.3	57.0	-	58.4	55.0	3.4
01:00 AM - 01:05 AM	59.4	57.4	-	58.1	54.8	3.3
01:05 AM - 01:10 AM	59.6	57.2	-	58.9	55.3	3.6
01:10 AM - 01:15 AM	61.0	57.0	-	61.8	54.7	7.1
01:15 AM - 01:20 AM	59.8	57.1	-	59.5	55.6	3.9
01:20 AM - 01:25 AM	59.7	57.6	-	58.5	56.0	2.5
01:25 AM - 01:30 AM	59.7	56.6	-	59.8	55.1	4.7
01:30 AM - 01:35 AM	59.5	57.1	-	58.8	55.6	3.2
01:35 AM - 01:40 AM	60.5	57.9	-	60.0	56.1	3.9
01:40 AM - 01:45 AM	59.7	57.5	-	58.7	55.7	3.0
01:45 AM - 01:50 AM	59.9	57.8	-	58.7	55.8	2.9
01:50 AM - 01:55 AM	59.8	57.8	-	58.5	56.1	2.4
01:55 AM - 02:00 AM	61.6	58.4	-	61.8	55.7	6.1
02:00 AM - 02:05 AM	61.2	57.7	-	61.6	55.8	5.8
02:05 AM - 02:10 AM	60.7	58.2	-	60.1	55.8	4.3
02:10 AM - 02:15 AM	61.2	58.1	-	61.3	55.2	6.1
02:15 AM - 02:20 AM	60.7	58.9	-	59.0	56.4	2.6
02:20 AM - 02:25 AM	60.8	58.7	-	59.6	56.3	3.3
02:25 AM - 02:30 AM	61.1	58.4	-	60.8	56.7	4.1
02:30 AM - 02:35 AM	61.6	57.8	-	62.3	56.0	6.3
02:35 AM - 02:40 AM	60.7	58.2	-	60.1	55.7	4.4
02:40 AM - 02:45 AM	60.1	57.6	-	59.5	54.9	4.6
02:45 AM - 02:50 AM	60.7	57.9	-	60.5	55.6	4.9
02:50 AM - 02:55 AM	60.4	58.1	-	59.5	55.9	3.6
02:55 AM - 03:00 AM	60.5	58.0	-	59.9	54.8	5.1
03:00 AM - 03:05 AM	60.4	57.8	-	59.9	55.3	4.6
03:05 AM - 03:10 AM	60.6	57.9	-	60.3	55.5	4.8
03:10 AM - 03:15 AM	60.0	57.4	-	59.5	55.6	3.9
03:15 AM - 03:20 AM	60.1	57.4	-	59.8	55.0	4.8
03:20 AM - 03:25 AM	60.6	58.0	-	60.1	55.5	4.6
03:25 AM - 03:30 AM	60.7	57.5	-	60.9	54.9	6.0

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494231
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report Number : 3107782-1

Page 3 of 3

Sample No. 2494231-2
Parameter เสียงรบกวน
Location บ้านชีบบอน (GPS 47P 0728156, 1619149)
Measurement Date Aug 24 - Aug 25, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 00858520

ระดับเสียง (dB(A))						
เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	เสียงขณะมีการรบกวน		เสียงพื้นฐาน	ค่าระดับการรบกวน
			กลางวัน	กลางคืน		
03:30 AM - 03:35 AM	60.1	57.9	-	59.1	55.4	3.7
03:35 AM - 03:40 AM	59.9	57.1	-	59.7	55.2	4.5
03:40 AM - 03:45 AM	61.7	57.7	-	62.5	54.8	7.7
03:45 AM - 03:50 AM	60.6	57.1	-	61.0	54.9	6.1
03:50 AM - 03:55 AM	59.8	57.1	-	59.5	55.3	4.2
03:55 AM - 04:00 AM	59.8	57.9	-	58.3	55.6	2.7
04:00 AM - 04:05 AM	60.1	57.8	-	59.2	54.9	4.3
04:05 AM - 04:10 AM	59.9	56.9	-	59.9	54.6	5.3
04:10 AM - 04:15 AM	59.5	58.0	-	57.2	54.9	2.3
04:15 AM - 04:20 AM	59.5	58.5	-	55.6	54.0	1.6
04:20 AM - 04:25 AM	60.2	57.0	-	60.4	54.5	5.9
04:25 AM - 04:30 AM	60.2	56.7	-	60.6	54.4	6.2
04:30 AM - 04:35 AM	59.4	57.4	-	58.1	54.2	3.9
04:35 AM - 04:40 AM	59.2	56.6	-	58.7	53.7	5.0
04:40 AM - 04:45 AM	59.2	56.7	-	58.6	54.1	4.5
04:45 AM - 04:50 AM	61.0	56.5	-	62.1	53.9	8.2
04:50 AM - 04:55 AM	59.3	57.3	-	58.0	54.2	3.8
04:55 AM - 05:00 AM	59.4	58.9	-	52.8	55.7	-2.9
05:00 AM - 05:05 AM	59.6	57.2	-	58.9	54.3	4.6
05:05 AM - 05:10 AM	59.1	57.3	-	57.4	54.7	2.7
05:10 AM - 05:15 AM	59.2	60.3	-	n/a	56.0	-
05:15 AM - 05:20 AM	59.3	58.4	-	55.0	54.9	0.1
05:20 AM - 05:25 AM	58.9	59.6	-	n/a	55.1	-
05:25 AM - 05:30 AM	58.8	58.8	-	n/a	54.8	-
05:30 AM - 05:35 AM	59.7	57.8	-	58.2	55.5	2.7
05:35 AM - 05:40 AM	59.1	58.0	-	55.6	55.0	0.6
05:40 AM - 05:45 AM	59.3	58.6	-	54.0	55.4	-1.4
05:45 AM - 05:50 AM	58.8	58.3	-	52.2	55.4	-3.2
05:50 AM - 05:55 AM	59.6	58.0	-	57.5	55.4	2.1
05:55 AM - 06:00 AM	58.9	58.7	-	48.4	55.9	-7.5
06:00 AM - 07:00 AM	60.5	59.0	55.2	-	56.4	-1.2
07:00 AM - 08:00 AM	58.8	62.3	n/a	-	56.7	-

หมายเหตุ:

Reference Method :

- In-house method : STM 06-001 based on ISO 1996-1 : 2016
- ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงการรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2567

มาตรฐาน:

- ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
- ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานระดับเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561

Remark:

- ระดับเสียงจากแหล่งกำเนิด ทำการตรวจวัด วันที่ 24-25 สิงหาคม 2567
- ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No 2494233-2 วันที่ตรวจวัด 24-25 สิงหาคม 2567)
- ก/บ: ไม่สามารถคำนวณระดับเสียงขณะมีการรบกวนเนื่องจากระดับเสียงจากแหล่งกำเนิดน้อยกว่าระดับเสียงขณะไม่มีการรบกวน

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh, Saraburi
Thailand 18260

Lot ID: 2494231
Date Received :Sep 04, 2024
Date Reported :Sep 11, 2024
Report Number : 3107783-1

P/O :
Project Name : Saraburi Factory Plant
Project Location :

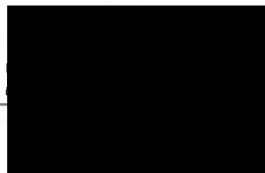
Sample No. 2494231-3
Parameter เลียงรบกวน
Location บ้านขี้มอญ (GPS 47P 0728156, 1619149)
Measurement Date Aug 25 - Aug 26, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 00858520

Page 1 of 3

ระดับเสียง (dB(A))						
เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีกิจกรรม	เสียงขณะมีการรบกวน		เสียงพื้นฐาน	ค่าระดับการรบกวน
			กลางวัน	กลางคืน		
08:00 AM - 09:00 AM	58.9	61.0	n/a	-	57.4	-
09:00 AM - 10:00 AM	59.1	56.8	55.2	-	54.6	0.6
10:00 AM - 11:00 AM	59.6	56.2	56.9	-	54.2	2.7
11:00 AM - 12:00 PM	58.2	59.9	n/a	-	55.4	-
12:00 PM - 01:00 PM	58.5	56.8	53.6	-	54.2	-0.6
01:00 PM - 02:00 PM	58.8	56.8	54.5	-	54.8	-0.3
02:00 PM - 03:00 PM	59.9	56.3	57.4	-	54.3	3.1
03:00 PM - 04:00 PM	59.5	57.1	55.8	-	55.3	0.5
04:00 PM - 05:00 PM	59.9	57.3	56.4	-	55.4	1.0
05:00 PM - 06:00 PM	59.8	57.6	55.8	-	55.4	0.4
06:00 PM - 07:00 PM	59.3	57.8	54.0	-	55.4	-1.4
07:00 PM - 08:00 PM	59.0	57.4	53.9	-	55.5	-1.6
08:00 PM - 09:00 PM	59.2	59.1	42.8	-	56.7	-13.9
09:00 PM - 10:00 PM	59.5	58.5	52.6	-	55.9	-3.3
10:00 PM - 10:05 PM	59.7	57.4	-	58.8	55.2	3.6
10:05 PM - 10:10 PM	59.6	58.5	-	56.1	55.2	0.9
10:10 PM - 10:15 PM	59.6	56.7	-	59.5	54.5	5.0
10:15 PM - 10:20 PM	59.4	57.2	-	58.4	55.2	3.2
10:20 PM - 10:25 PM	59.2	57.1	-	58.0	55.2	2.8
10:25 PM - 10:30 PM	59.0	55.1	-	59.7	53.0	6.7
10:30 PM - 10:35 PM	59.4	54.7	-	60.6	53.1	7.5
10:35 PM - 10:40 PM	59.6	55.3	-	60.6	53.9	6.7
10:40 PM - 10:45 PM	59.4	54.2	-	60.8	52.3	8.5
10:45 PM - 10:50 PM	59.5	55.2	-	60.5	52.6	7.9
10:50 PM - 10:55 PM	59.6	54.5	-	61.0	52.8	8.2
10:55 PM - 11:00 PM	59.6	54.8	-	60.9	52.6	8.3
11:00 PM - 11:05 PM	59.8	54.0	-	61.5	51.3	10.2
11:05 PM - 11:10 PM	59.5	54.9	-	60.7	52.4	8.3
11:10 PM - 11:15 PM	59.4	54.7	-	60.6	51.7	8.9
11:15 PM - 11:20 PM	60.0	53.9	-	61.8	51.8	10.0
11:20 PM - 11:25 PM	59.7	55.3	-	60.7	52.9	7.8
11:25 PM - 11:30 PM	59.5	56.1	-	59.8	53.7	6.1
11:30 PM - 11:35 PM	59.6	56.3	-	59.9	53.8	6.1
11:35 PM - 11:40 PM	59.6	56.5	-	59.7	54.4	5.3
11:40 PM - 11:45 PM	59.4	56.8	-	58.9	53.6	5.3
11:45 PM - 11:50 PM	59.4	57.4	-	58.1	54.9	3.2
11:50 PM - 11:55 PM	59.8	58.7	-	56.3	53.9	2.4
11:55 PM - 12:00 AM	59.1	62.3	-	n/a	54.4	-
12:00 AM - 12:05 AM	59.6	57.2	-	58.9	54.6	4.3
12:05 AM - 12:10 AM	59.2	57.3	-	57.7	55.2	2.5

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh, Saraburi
Thailand 18260

Lot ID: 2494231
Date Received :Sep 04, 2024
Date Reported :Sep 11, 2024
Report Number : 3107783-1

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Sample No. 2494231-3
Parameter เลียงรบกวน
Location บ้านขี้มอญ (GPS 47P 0728156, 1619149)
Measurement Date Aug 25 - Aug 26, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 00858520

Page 2 of 3

ระดับเสียง (dB(A))						
เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีกิจกรรม	เสียงขณะมีการรบกวน		เสียงพื้นฐาน	ค่าระดับการรบกวน
			กลางวัน	กลางคืน		
12:10 AM - 12:15 AM	59.5	59.1	-	51.9	56.2	-4.3
12:15 AM - 12:20 AM	59.2	58.8	-	51.6	56.9	-5.3
12:20 AM - 12:25 AM	59.4	57.9	-	57.1	55.7	1.4
12:25 AM - 12:30 AM	59.3	57.1	-	58.3	55.0	3.3
12:30 AM - 12:35 AM	59.5	57.9	-	57.4	55.4	2.0
12:35 AM - 12:40 AM	59.8	56.7	-	59.9	53.6	6.3
12:40 AM - 12:45 AM	59.6	56.6	-	59.6	53.7	5.9
12:45 AM - 12:50 AM	59.5	56.5	-	59.5	54.4	5.1
12:50 AM - 12:55 AM	60.1	57.1	-	60.1	53.9	6.2
12:55 AM - 01:00 AM	59.9	56.9	-	59.9	54.3	5.6
01:00 AM - 01:05 AM	59.3	56.6	-	59.0	53.9	5.1
01:05 AM - 01:10 AM	59.5	57.1	-	58.8	54.2	4.6
01:10 AM - 01:15 AM	59.3	56.8	-	58.7	54.0	4.7
01:15 AM - 01:20 AM	59.5	58.1	-	56.9	55.2	1.7
01:20 AM - 01:25 AM	59.7	57.2	-	59.1	54.2	4.9
01:25 AM - 01:30 AM	60.1	56.3	-	60.8	54.1	6.7
01:30 AM - 01:35 AM	59.9	56.5	-	60.2	54.2	6.0
01:35 AM - 01:40 AM	60.0	57.3	-	59.7	54.6	5.1
01:40 AM - 01:45 AM	59.9	56.9	-	59.9	54.4	5.5
01:45 AM - 01:50 AM	60.0	57.7	-	59.1	54.7	4.4
01:50 AM - 01:55 AM	60.1	57.3	-	59.9	54.0	5.9
01:55 AM - 02:00 AM	60.5	58.1	-	59.8	55.1	4.7
02:00 AM - 02:05 AM	60.5	57.3	-	60.7	54.5	6.2
02:05 AM - 02:10 AM	60.9	57.2	-	61.5	54.5	7.0
02:10 AM - 02:15 AM	60.6	58.6	-	59.3	55.5	3.8
02:15 AM - 02:20 AM	60.6	56.8	-	61.3	54.7	6.6
02:20 AM - 02:25 AM	60.3	58.3	-	59.0	55.6	3.4
02:25 AM - 02:30 AM	61.4	57.0	-	62.4	54.2	8.2
02:30 AM - 02:35 AM	60.8	56.1	-	62.0	53.6	8.4
02:35 AM - 02:40 AM	60.4	58.4	-	59.1	55.4	3.7
02:40 AM - 02:45 AM	60.4	57.6	-	60.2	54.4	5.8
02:45 AM - 02:50 AM	60.3	57.2	-	60.4	54.1	6.3
02:50 AM - 02:55 AM	61.0	55.9	-	62.4	53.5	8.9
02:55 AM - 03:00 AM	60.0	56.5	-	60.4	54.1	6.3
03:00 AM - 03:05 AM	60.0	57.4	-	59.5	55.4	4.1
03:05 AM - 03:10 AM	61.0	57.3	-	61.6	55.5	6.1
03:10 AM - 03:15 AM	59.8	58.0	-	58.1	55.4	2.7
03:15 AM - 03:20 AM	60.1	57.4	-	59.8	54.2	5.6
03:20 AM - 03:25 AM	60.3	56.9	-	60.6	54.8	5.8
03:25 AM - 03:30 AM	60.3	57.2	-	60.4	54.7	5.7

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhai, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494231
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report Number : 3107783-1

Page 3 of 3

Sample No. 2494231-3
Parameter เสียงรบกวน
Location บ้านชั้นบน (GPS 47P 0728156, 1619149)
Measurement Date Aug 25 - Aug 26, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 00858520

เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	เสียงขณะมีการรบกวน		เสียงพื้นฐาน	ค่าระดับการรบกวน
			กลางวัน	กลางคืน		
03:30 AM - 03:35 AM	60.3	57.6	-	60.0	54.4	5.6
03:35 AM - 03:40 AM	61.0	57.1	-	61.7	54.9	6.8
03:40 AM - 03:45 AM	60.0	56.5	-	60.4	54.5	5.9
03:45 AM - 03:50 AM	60.6	57.5	-	60.7	54.8	5.9
03:50 AM - 03:55 AM	59.7	57.4	-	58.8	54.8	4.0
03:55 AM - 04:00 AM	59.6	56.7	-	59.5	54.4	5.1
04:00 AM - 04:05 AM	62.0	57.6	-	63.0	54.7	8.3
04:05 AM - 04:10 AM	59.5	57.0	-	58.9	54.5	4.4
04:10 AM - 04:15 AM	59.7	57.8	-	58.2	55.3	2.9
04:15 AM - 04:20 AM	59.1	57.8	-	56.2	55.0	1.2
04:20 AM - 04:25 AM	59.5	57.6	-	58.0	54.6	3.4
04:25 AM - 04:30 AM	59.0	57.0	-	57.7	54.3	3.4
04:30 AM - 04:35 AM	59.2	56.6	-	58.7	54.2	4.5
04:35 AM - 04:40 AM	59.0	56.7	-	58.1	54.1	4.0
04:40 AM - 04:45 AM	58.5	55.1	-	58.8	52.3	6.5
04:45 AM - 04:50 AM	59.4	55.2	-	60.3	53.2	7.1
04:50 AM - 04:55 AM	59.4	56.3	-	59.5	54.6	4.9
04:55 AM - 05:00 AM	59.0	57.6	-	56.4	54.2	2.2
05:00 AM - 05:05 AM	59.2	55.8	-	59.5	53.5	6.0
05:05 AM - 05:10 AM	58.8	58.3	-	52.2	55.1	-2.9
05:10 AM - 05:15 AM	60.8	57.4	-	61.1	54.9	6.2
05:15 AM - 05:20 AM	58.6	56.5	-	57.4	54.8	2.6
05:20 AM - 05:25 AM	59.2	56.0	-	59.4	54.4	5.0
05:25 AM - 05:30 AM	58.7	56.9	-	57.0	54.8	2.2
05:30 AM - 05:35 AM	58.8	57.3	-	56.5	55.5	1.0
05:35 AM - 05:40 AM	59.5	55.8	-	60.1	54.2	5.9
05:40 AM - 05:45 AM	59.0	56.4	-	58.5	54.3	4.2
05:45 AM - 05:50 AM	58.8	55.2	-	59.3	53.2	6.1
05:50 AM - 05:55 AM	59.9	56.0	-	60.6	54.3	6.3
05:55 AM - 06:00 AM	59.1	57.9	-	55.9	55.6	0.3
06:00 AM - 07:00 AM	58.6	57.3	52.7	-	54.9	-2.2
07:00 AM - 08:00 AM	58.7	57.3	53.1	-	55.2	-2.1
ค่ามาตรฐาน						≤ 10

Reference Method :

- In-house method : STM 06-001 based on ISO 1996-1 : 2016
- ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงการรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2567

มาตรฐาน

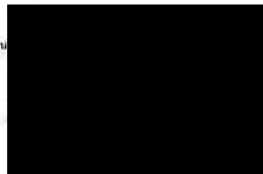
- ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
- ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานเสียงทางเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561

Remark:

- ระดับเสียงจากแหล่งกำเนิด ทำการตรวจวัด วันที่ 25-26 สิงหาคม 2567
- ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No.2494233-3) วันที่ตรวจวัด 25-26 สิงหาคม 2567
- ก/ว: ไม่สามารถคำนวณระดับเสียงขณะมีการรบกวนเนื่องจากระดับเสียงจากแหล่งกำเนิดน้อยกว่าระดับเสียงขณะไม่มีการรบกวน

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhai, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494231
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report Number : 3107784-1

Page 1 of 3

Sample No. 2494231-4
Parameter เสียงรบกวน
Location บ้านชั้นบน (GPS 47P 0728156, 1619149)
Measurement Date Aug 26 - Aug 27, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 00858520

เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	เสียงขณะมีการรบกวน		เสียงพื้นฐาน	ค่าระดับการรบกวน
			กลางวัน	กลางคืน		
08:00 AM - 09:00 AM	59.2	56.7	55.6	-	57.4	-1.8
09:00 AM - 10:00 AM	59.0	56.3	55.7	-	54.0	1.7
10:00 AM - 11:00 AM	59.4	56.5	56.3	-	54.1	2.2
11:00 AM - 12:00 PM	59.1	57.1	54.8	-	53.7	1.1
12:00 PM - 01:00 PM	59.6	59.6	n/a	-	53.8	-
01:00 PM - 02:00 PM	59.9	56.4	57.3	-	54.3	3.0
02:00 PM - 03:00 PM	60.7	57.2	58.1	-	54.7	3.4
03:00 PM - 04:00 PM	60.2	56.8	57.5	-	54.5	3.0
04:00 PM - 05:00 PM	60.3	57.5	57.1	-	55.3	1.8
05:00 PM - 06:00 PM	60.2	58.5	55.3	-	56.5	-1.2
06:00 PM - 07:00 PM	60.2	58.9	54.3	-	56.7	-2.4
07:00 PM - 08:00 PM	59.7	59.6	43.3	-	57.3	-14.0
08:00 PM - 09:00 PM	59.1	59.3	n/a	-	57.0	-
09:00 PM - 10:00 PM	58.7	58.8	n/a	-	56.5	-
10:00 PM - 10:05 PM	58.4	58.5	-	n/a	56.1	-
10:05 PM - 10:10 PM	59.3	57.9	-	56.7	56.1	0.6
10:10 PM - 10:15 PM	59.0	59.2	-	n/a	56.7	-
10:15 PM - 10:20 PM	60.1	60.2	-	n/a	57.7	-
10:20 PM - 10:25 PM	58.3	58.9	-	n/a	56.8	-
10:25 PM - 10:30 PM	59.0	59.0	-	n/a	56.5	-
10:30 PM - 10:35 PM	58.4	57.8	-	52.5	55.7	-3.2
10:35 PM - 10:40 PM	58.3	57.7	-	52.4	55.8	-3.4
10:40 PM - 10:45 PM	58.5	57.0	-	56.2	55.4	0.8
10:45 PM - 10:50 PM	59.1	58.0	-	55.6	56.4	-0.8
10:50 PM - 10:55 PM	58.2	58.2	-	n/a	55.4	-
10:55 PM - 11:00 PM	58.5	65.6	-	n/a	54.7	-
11:00 PM - 11:05 PM	58.7	58.3	-	51.1	56.5	-5.4
11:05 PM - 11:10 PM	58.5	58.9	-	n/a	55.8	-
11:10 PM - 11:15 PM	58.8	57.7	-	55.3	56.2	-0.9
11:15 PM - 11:20 PM	58.7	60.0	-	n/a	57.3	-
11:20 PM - 11:25 PM	58.5	59.1	-	n/a	57.4	-
11:25 PM - 11:30 PM	58.5	58.3	-	48.0	56.6	-8.6
11:30 PM - 11:35 PM	58.4	57.4	-	54.5	55.3	-0.8
11:35 PM - 11:40 PM	58.4	57.6	-	53.7	55.5	-1.8
11:40 PM - 11:45 PM	58.5	58.0	-	51.9	56.0	-4.1
11:45 PM - 11:50 PM	58.5	58.5	-	n/a	56.3	-
11:50 PM - 11:55 PM	58.2	55.1	-	58.3	52.4	5.9
11:55 PM - 12:00 AM	58.2	54.5	-	58.8	52.6	6.2
12:00 AM - 12:05 AM	58.3	54.4	-	59.0	52.3	6.7
12:05 AM - 12:10 AM	58.7	55.3	-	59.0	53.3	5.7

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

Lot ID: 2494231
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report Number : 3107784-1

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Page 2 of 3

Sample No. 2494231-4
Parameter เสียงรบกวน
Location บ้านชีบนอน (GPS 47P 0728156, 1619149)
Measurement Date Aug 26 - Aug 27, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 00858520

ระดับเสียง (dB(A))						
เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	เสียงขณะมีการรบกวน		เสียงพื้นฐาน	ค่าระดับการรบกวน
			กลางวัน	กลางคืน		
12:10 AM - 12:15 AM	58.5	55.5	-	58.5	53.2	5.3
12:15 AM - 12:20 AM	58.4	55.5	-	58.3	52.5	5.8
12:20 AM - 12:25 AM	58.6	54.6	-	59.4	52.6	6.8
12:25 AM - 12:30 AM	58.9	53.8	-	60.3	51.6	8.7
12:30 AM - 12:35 AM	59.4	54.2	-	60.8	52.1	8.7
12:35 AM - 12:40 AM	58.8	55.3	-	59.2	51.7	7.5
12:40 AM - 12:45 AM	58.5	54.7	-	59.2	52.3	6.9
12:45 AM - 12:50 AM	58.6	55.1	-	59.0	52.7	6.3
12:50 AM - 12:55 AM	58.7	53.7	-	60.0	51.7	8.3
12:55 AM - 01:00 AM	58.5	54.9	-	59.0	52.7	6.3
01:00 AM - 01:05 AM	59.2	54.8	-	60.2	52.1	8.1
01:05 AM - 01:10 AM	61.1	54.1	-	63.1	51.6	11.5
01:10 AM - 01:15 AM	58.8	54.8	-	59.6	51.4	8.2
01:15 AM - 01:20 AM	58.8	55.8	-	58.8	53.4	5.4
01:20 AM - 01:25 AM	58.7	55.5	-	58.9	53.2	5.7
01:25 AM - 01:30 AM	59.3	54.6	-	60.5	52.1	8.4
01:30 AM - 01:35 AM	59.3	54.2	-	60.7	52.4	8.3
01:35 AM - 01:40 AM	58.8	54.6	-	59.7	52.7	7.0
01:40 AM - 01:45 AM	59.8	54.6	-	61.2	52.6	8.6
01:45 AM - 01:50 AM	59.9	54.9	-	61.2	52.7	8.5
01:50 AM - 01:55 AM	59.6	54.5	-	61.0	52.2	8.8
01:55 AM - 02:00 AM	60.1	55.1	-	61.4	52.6	8.8
02:00 AM - 02:05 AM	60.5	55.7	-	61.8	52.4	9.4
02:05 AM - 02:10 AM	60.4	54.1	-	62.2	52.1	10.1
02:10 AM - 02:15 AM	61.0	54.8	-	62.8	51.9	10.9
02:15 AM - 02:20 AM	60.1	55.1	-	61.4	52.7	8.7
02:20 AM - 02:25 AM	59.9	54.4	-	61.5	52.1	9.4
02:25 AM - 02:30 AM	60.6	54.3	-	62.4	52.1	10.3
02:30 AM - 02:35 AM	60.6	54.5	-	62.4	52.1	10.3
02:35 AM - 02:40 AM	59.8	54.0	-	61.5	51.4	10.1
02:40 AM - 02:45 AM	60.2	53.0	-	62.3	51.2	11.1
02:45 AM - 02:50 AM	59.6	53.1	-	61.5	51.2	10.3
02:50 AM - 02:55 AM	60.1	53.8	-	61.9	51.4	10.5
02:55 AM - 03:00 AM	60.2	52.8	-	62.3	50.4	11.9
03:00 AM - 03:05 AM	59.9	53.9	-	61.6	51.1	10.5
03:05 AM - 03:10 AM	61.3	53.7	-	63.5	51.9	11.6
03:10 AM - 03:15 AM	61.7	55.1	-	63.6	50.9	12.7
03:15 AM - 03:20 AM	62.3	55.1	-	64.4	52.3	12.1
03:20 AM - 03:25 AM	61.7	55.5	-	63.5	53.1	10.4
03:25 AM - 03:30 AM	61.5	54.6	-	63.5	52.4	11.1

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

Lot ID: 2494231
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report Number : 3107784-1

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Page 3 of 3

Sample No. 2494231-4
Parameter เสียงรบกวน
Location บ้านชีบนอน (GPS 47P 0728156, 1619149)
Measurement Date Aug 26 - Aug 27, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 00858520

ระดับเสียง (dB(A))						
เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	เสียงขณะมีการรบกวน		เสียงพื้นฐาน	ค่าระดับการรบกวน
			กลางวัน	กลางคืน		
03:30 AM - 03:35 AM	60.9	55.2	-	62.5	52.1	10.4
03:35 AM - 03:40 AM	62.0	53.9	-	64.3	51.9	12.4
03:40 AM - 03:45 AM	61.1	55.4	-	62.7	52.6	10.1
03:45 AM - 03:50 AM	60.8	54.1	-	62.8	52.2	10.6
03:50 AM - 03:55 AM	61.2	55.3	-	62.9	52.6	10.3
03:55 AM - 04:00 AM	61.2	55.0	-	63.0	52.6	10.4
04:00 AM - 04:05 AM	62.0	56.3	-	63.6	52.8	10.8
04:05 AM - 04:10 AM	61.1	54.9	-	62.9	52.4	10.5
04:10 AM - 04:15 AM	60.3	55.3	-	61.6	52.3	9.3
04:15 AM - 04:20 AM	58.9	54.9	-	59.7	52.2	7.5
04:20 AM - 04:25 AM	59.4	56.0	-	59.7	52.0	7.7
04:25 AM - 04:30 AM	59.3	55.6	-	59.9	53.0	6.9
04:30 AM - 04:35 AM	59.7	55.0	-	60.9	52.0	8.9
04:35 AM - 04:40 AM	58.9	55.2	-	59.5	52.4	7.1
04:40 AM - 04:45 AM	59.0	54.2	-	60.3	51.5	8.8
04:45 AM - 04:50 AM	59.0	55.7	-	59.3	52.6	6.7
04:50 AM - 04:55 AM	59.0	56.2	-	58.8	52.1	6.7
04:55 AM - 05:00 AM	58.9	53.6	-	60.4	50.6	9.8
05:00 AM - 05:05 AM	58.7	54.0	-	59.9	51.4	8.5
05:05 AM - 05:10 AM	58.7	54.3	-	59.7	51.2	8.5
05:10 AM - 05:15 AM	59.1	53.7	-	60.6	51.3	9.3
05:15 AM - 05:20 AM	58.5	54.5	-	59.3	52.5	6.8
05:20 AM - 05:25 AM	58.7	54.5	-	59.6	51.6	8.0
05:25 AM - 05:30 AM	58.5	55.4	-	58.6	52.4	6.2
05:30 AM - 05:35 AM	58.8	57.6	-	55.6	52.5	3.1
05:35 AM - 05:40 AM	58.6	55.6	-	58.6	52.7	5.9
05:40 AM - 05:45 AM	58.9	56.0	-	58.8	52.8	6.0
05:45 AM - 05:50 AM	58.7	56.8	-	57.2	53.6	3.6
05:50 AM - 05:55 AM	58.8	56.5	-	57.9	53.9	4.0
05:55 AM - 06:00 AM	58.7	56.5	-	57.7	54.0	3.7
06:00 AM - 07:00 AM	58.7	58.0	50.4	-	55.1	-4.7
07:00 AM - 08:00 AM	58.7	59.8	n/a	-	55.3	-

ค่ามาตรฐาน

Reference Method :

- In-house method : STM 06-001 based on ISO 1996-1 : 2016
- ประเภทการรายงานผลสามารถแจ้ง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2567

มาตรฐาน

- ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงรบกวนและระดับเสียงที่ให้เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
- ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานผลพิษทางเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561

Remark:

- ระดับเสียงจากแหล่งกำเนิด หากตรวจวัด วันที่ 26-27 สิงหาคม 2567
- ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No.2494233-4 วันที่ตรวจวัด 26-27 สิงหาคม 2567)
- ก/อ: ไม่สามารถคำนวณระดับเสียงขณะมีการรบกวนเนื่องจากระดับเสียงจากแหล่งกำเนิดน้อยกว่าระดับเสียงขณะไม่มีการรบกวน

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494231
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report Number : 3107785-1

Page 1 of 3

Sample No. 2494231-5
Parameter เสียงรบกวน
Location บ้านชนบท (GPS 47P 0728156, 1619149)
Measurement Date Aug 27 - Aug 28, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 00858520

ระดับเสียง (dB(A))						
เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	เสียงขณะมีการรบกวน		เสียงพื้นฐาน	ค่าระดับการรบกวน
			กลางวัน	กลางคืน		
08:00 AM - 09:00 AM	59.5	57.4	55.3	-	54.2	1.1
09:00 AM - 10:00 AM	58.2	56.2	53.9	-	53.5	0.4
10:00 AM - 11:00 AM	58.1	59.0	n/a	-	53.4	-
11:00 AM - 12:00 PM	58.1	56.0	53.9	-	53.6	0.3
12:00 PM - 01:00 PM	59.1	55.2	56.8	-	52.8	4.0
01:00 PM - 02:00 PM	59.3	55.0	57.3	-	52.8	4.5
02:00 PM - 03:00 PM	58.9	56.1	55.7	-	54.0	1.7
03:00 PM - 04:00 PM	59.3	56.5	56.1	-	53.9	2.2
04:00 PM - 05:00 PM	59.5	56.4	56.6	-	54.0	2.6
05:00 PM - 06:00 PM	59.2	57.4	54.5	-	54.9	-0.4
06:00 PM - 07:00 PM	58.8	57.7	52.3	-	55.4	-3.1
07:00 PM - 08:00 PM	58.8	57.4	53.2	-	55.2	-2.0
08:00 PM - 09:00 PM	58.8	59.2	n/a	-	56.6	-
09:00 PM - 10:00 PM	59.9	55.7	57.8	-	53.7	4.1
10:00 PM - 10:05 PM	58.9	55.5	-	59.2	53.3	5.9
10:05 PM - 10:10 PM	58.8	55.8	-	58.8	54.0	4.8
10:10 PM - 10:15 PM	58.7	54.6	-	59.4	52.8	6.6
10:15 PM - 10:20 PM	58.6	55.3	-	58.9	53.1	5.8
10:20 PM - 10:25 PM	59.3	55.3	-	60.1	53.3	6.8
10:25 PM - 10:30 PM	58.9	55.1	-	59.6	52.9	6.7
10:30 PM - 10:35 PM	59.3	54.7	-	60.5	52.7	7.8
10:35 PM - 10:40 PM	58.6	54.4	-	59.5	52.4	7.1
10:40 PM - 10:45 PM	59.2	55.7	-	59.6	51.6	8.0
10:45 PM - 10:50 PM	58.9	55.0	-	59.6	52.3	7.3
10:50 PM - 10:55 PM	59.0	53.7	-	60.5	51.6	8.9
10:55 PM - 11:00 PM	59.6	54.2	-	61.1	51.4	9.7
11:00 PM - 11:05 PM	59.1	54.4	-	60.3	52.2	8.1
11:05 PM - 11:10 PM	59.1	54.0	-	60.5	51.4	9.1
11:10 PM - 11:15 PM	59.4	54.1	-	60.9	51.7	9.2
11:15 PM - 11:20 PM	59.2	54.9	-	60.2	52.5	7.7
11:20 PM - 11:25 PM	59.5	54.1	-	61.0	51.7	9.3
11:25 PM - 11:30 PM	59.4	54.4	-	60.7	51.9	8.8
11:30 PM - 11:35 PM	59.3	54.2	-	60.7	52.0	8.7
11:35 PM - 11:40 PM	59.4	55.5	-	60.1	53.4	6.7
11:40 PM - 11:45 PM	59.4	55.6	-	60.1	53.2	6.9
11:45 PM - 11:50 PM	59.4	55.4	-	60.2	53.4	6.8
11:50 PM - 11:55 PM	59.1	57.2	-	57.6	54.5	3.1
11:55 PM - 12:00 AM	59.4	56.5	-	59.3	53.5	5.8
12:00 AM - 12:05 AM	59.1	56.8	-	58.2	54.9	3.3
12:05 AM - 12:10 AM	59.0	56.3	-	58.7	54.1	4.6

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494231
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report Number : 3107785-1

Page 2 of 3

Sample No. 2494231-5
Parameter เสียงรบกวน
Location บ้านชนบท (GPS 47P 0728156, 1619149)
Measurement Date Aug 27 - Aug 28, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 00858520

ระดับเสียง (dB(A))						
เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	เสียงขณะมีการรบกวน		เสียงพื้นฐาน	ค่าระดับการรบกวน
			กลางวัน	กลางคืน		
12:10 AM - 12:15 AM	59.2	57.7	-	56.9	54.4	2.5
12:15 AM - 12:20 AM	58.9	57.7	-	55.7	53.9	1.8
12:20 AM - 12:25 AM	59.5	67.5	-	n/a	54.8	-
12:25 AM - 12:30 AM	58.8	65.0	-	n/a	58.9	-
12:30 AM - 12:35 AM	58.9	59.8	-	n/a	53.6	-
12:35 AM - 12:40 AM	59.5	56.2	-	59.8	53.8	6.0
12:40 AM - 12:45 AM	59.0	55.5	-	59.4	53.5	5.9
12:45 AM - 12:50 AM	58.7	57.4	-	55.8	54.9	0.9
12:50 AM - 12:55 AM	59.2	58.9	-	50.4	56.0	-5.6
12:55 AM - 01:00 AM	59.1	58.7	-	51.5	56.6	-5.1
01:00 AM - 01:05 AM	58.8	57.5	-	55.9	55.3	0.6
01:05 AM - 01:10 AM	58.9	57.6	-	56.0	54.7	1.3
01:10 AM - 01:15 AM	59.7	57.4	-	58.8	55.0	3.8
01:15 AM - 01:20 AM	59.5	57.5	-	58.2	54.6	3.6
01:20 AM - 01:25 AM	59.6	57.1	-	59.0	54.9	4.1
01:25 AM - 01:30 AM	59.6	56.3	-	59.9	53.5	6.4
01:30 AM - 01:35 AM	59.1	54.3	-	60.4	52.4	8.0
01:35 AM - 01:40 AM	59.3	56.1	-	59.5	53.4	6.1
01:40 AM - 01:45 AM	60.8	55.2	-	62.4	52.4	10.0
01:45 AM - 01:50 AM	60.0	60.6	-	n/a	51.9	-
01:50 AM - 01:55 AM	60.7	60.4	-	51.9	54.1	-2.2
01:55 AM - 02:00 AM	60.2	55.6	-	61.4	52.8	8.6
02:00 AM - 02:05 AM	60.6	69.0	-	n/a	54.6	-
02:05 AM - 02:10 AM	61.0	63.2	-	n/a	53.8	-
02:10 AM - 02:15 AM	61.1	62.1	-	n/a	52.4	-
02:15 AM - 02:20 AM	60.3	55.2	-	61.7	52.7	9.0
02:20 AM - 02:25 AM	60.7	55.8	-	62.0	53.3	8.7
02:25 AM - 02:30 AM	60.5	56.5	-	61.3	53.8	7.5
02:30 AM - 02:35 AM	60.5	55.9	-	61.7	53.7	8.0
02:35 AM - 02:40 AM	61.4	57.9	-	61.8	55.3	6.5
02:40 AM - 02:45 AM	60.5	57.1	-	60.8	53.7	7.1
02:45 AM - 02:50 AM	61.1	57.3	-	61.8	54.5	7.3
02:50 AM - 02:55 AM	61.3	56.2	-	62.7	53.8	8.9
02:55 AM - 03:00 AM	60.3	56.3	-	61.1	53.7	7.4
03:00 AM - 03:05 AM	60.1	57.1	-	60.1	54.3	5.8
03:05 AM - 03:10 AM	61.3	56.2	-	62.7	54.0	8.7
03:10 AM - 03:15 AM	61.6	56.8	-	62.9	54.6	8.3
03:15 AM - 03:20 AM	62.4	57.0	-	63.9	53.8	10.1
03:20 AM - 03:25 AM	61.9	57.1	-	63.2	54.8	8.4
03:25 AM - 03:30 AM	61.9	56.7	-	63.3	54.2	9.1

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ADDRESS 104 Phatthanakan 40, Phatthanakan Rd., Khwaeng Phatthanakan, Khet Suan Luang, Bangkok 10250 Thailand TEL +66 0 2760 3000 FAX +66 0 2760 3197
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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

Lot ID: 2494231
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report Number : 3107785-1

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Page 3 of 3

Sample No. 2494231-5
Parameter เลียงรบกวน
Location บ้านขี้มนอน (GPS 47P 0728156, 1619149)
Measurement Date Aug 27 - Aug 28, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 00858520

ระดับเสียง (dB(A))						
เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	เสียงขณะมีการรบกวน		เสียงพื้นฐาน	ค่าระดับการรบกวน
			กลางวัน	กลางคืน		
03:30 AM - 03:35 AM	61.5	56.8	-	62.7	54.4	8.3
03:35 AM - 03:40 AM	61.4	57.1	-	62.4	54.6	7.8
03:40 AM - 03:45 AM	63.2	57.2	-	64.9	54.5	10.4
03:45 AM - 03:50 AM	63.1	56.8	-	64.9	54.3	10.6
03:50 AM - 03:55 AM	61.9	55.5	-	63.8	52.4	11.4
03:55 AM - 04:00 AM	62.5	55.3	-	64.3	53.0	11.3
04:00 AM - 04:05 AM	62.6	56.8	-	64.3	53.4	10.9
04:05 AM - 04:10 AM	62.1	56.3	-	63.8	53.0	10.8
04:10 AM - 04:15 AM	59.8	56.3	-	60.2	52.9	7.3
04:15 AM - 04:20 AM	58.9	56.6	-	58.0	53.9	4.1
04:20 AM - 04:25 AM	59.3	56.2	-	59.4	53.0	6.4
04:25 AM - 04:30 AM	59.2	55.7	-	59.6	53.5	6.1
04:30 AM - 04:35 AM	59.1	55.9	-	59.3	52.9	6.4
04:35 AM - 04:40 AM	59.3	56.6	-	59.0	53.1	5.9
04:40 AM - 04:45 AM	58.6	58.2	-	51.0	54.9	-3.9
04:45 AM - 04:50 AM	59.3	57.1	-	58.3	54.2	4.1
04:50 AM - 04:55 AM	59.5	57.3	-	58.5	55.1	3.4
04:55 AM - 05:00 AM	58.7	56.5	-	57.7	53.8	3.9
05:00 AM - 05:05 AM	58.5	56.7	-	56.8	53.5	3.3
05:05 AM - 05:10 AM	58.4	55.7	-	58.1	53.1	5.0
05:10 AM - 05:15 AM	60.1	55.7	-	61.1	53.2	7.9
05:15 AM - 05:20 AM	58.7	56.8	-	57.2	53.6	3.6
05:20 AM - 05:25 AM	58.3	57.3	-	54.4	54.5	-0.1
05:25 AM - 05:30 AM	60.0	56.4	-	60.5	54.2	6.3
05:30 AM - 05:35 AM	58.4	58.4	-	n/a	55.3	-
05:35 AM - 05:40 AM	58.5	58.4	-	45.1	54.6	-9.5
05:40 AM - 05:45 AM	59.0	56.0	-	59.0	52.5	6.5
05:45 AM - 05:50 AM	58.4	56.1	-	57.5	53.6	3.9
05:50 AM - 05:55 AM	58.1	56.8	-	55.2	54.1	1.1
05:55 AM - 06:00 AM	58.3	57.3	-	54.4	53.3	1.1
06:00 AM - 07:00 AM	58.6	60.4	n/a	-	54.9	-
07:00 AM - 08:00 AM	58.4	61.3	n/a	-	57.8	-

ค่ามาตรฐาน
Reference Method :

- In-house method : STM 06-001 based on ISO 1996-1 : 2016
- ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงการรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2567

มาตรฐาน

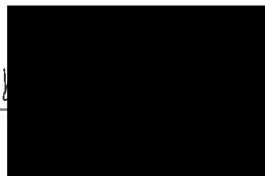
- ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
- ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานและขีดจำกัดเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561

Remark:

- ระดับเสียงจากแหล่งกำเนิด พิจารณาตรวจวัด วันที่ 27-28 สิงหาคม 2567
- ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No.2494233-5 วันที่ตรวจวัด 27-28 สิงหาคม 2567)
- n/a: ไม่สามารถคำนวณระดับเสียงขณะมีการรบกวนเนื่องจากระดับเสียงจากแหล่งกำเนิดน้อยกว่าระดับเสียงขณะไม่มีการรบกวน

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Approved by



ADDRESS 104 Phatthanakan 40, Phatthanakan Rd., Khwaeng Phatthanakan, Khet Suan Luang, Bangkok 10250 Thailand TEL: +66 0 2760 3000 FAX: +66 0 2760 3197
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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

Lot ID: 2494231
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report Number : 3107786-1

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Page 1 of 3

Sample No. 2494231-6
Parameter เลียงรบกวน
Location บ้านขี้มนอน (GPS 47P 0728156, 1619149)
Measurement Date Aug 28 - Aug 29, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 00858520

ระดับเสียง (dB(A))						
เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	เสียงขณะมีการรบกวน		เสียงพื้นฐาน	ค่าระดับการรบกวน
			กลางวัน	กลางคืน		
08:00 AM - 09:00 AM	59.0	56.2	55.8	-	54.0	1.8
09:00 AM - 10:00 AM	58.3	56.1	54.3	-	53.7	0.6
10:00 AM - 11:00 AM	58.9	56.1	55.7	-	53.9	1.8
11:00 AM - 12:00 PM	59.6	58.6	52.7	-	54.1	-1.4
12:00 PM - 01:00 PM	60.2	56.8	57.5	-	54.2	3.3
01:00 PM - 02:00 PM	59.9	56.9	56.9	-	54.9	2.0
02:00 PM - 03:00 PM	59.7	57.2	56.1	-	55.1	1.0
03:00 PM - 04:00 PM	60.7	57.7	57.7	-	55.2	2.5
04:00 PM - 05:00 PM	59.8	57.7	55.6	-	54.5	1.1
05:00 PM - 06:00 PM	59.3	58.4	52.0	-	55.8	-3.8
06:00 PM - 07:00 PM	59.5	59.4	43.1	-	55.0	-11.9
07:00 PM - 08:00 PM	59.3	57.9	53.7	-	54.9	-1.2
08:00 PM - 09:00 PM	59.5	56.4	56.6	-	54.3	2.3
09:00 PM - 10:00 PM	61.4	56.6	59.7	-	54.4	5.3
10:00 PM - 10:05 PM	59.0	62.1	-	n/a	55.5	-
10:05 PM - 10:10 PM	59.4	58.7	-	54.1	56.1	-2.0
10:10 PM - 10:15 PM	59.5	59.7	-	n/a	56.4	-
10:15 PM - 10:20 PM	59.5	59.2	-	50.7	57.3	-6.6
10:20 PM - 10:25 PM	59.2	58.5	-	53.9	57.1	-3.2
10:25 PM - 10:30 PM	59.2	58.1	-	55.7	56.4	-0.7
10:30 PM - 10:35 PM	59.1	57.1	-	57.8	55.2	2.6
10:35 PM - 10:40 PM	59.4	57.3	-	58.2	54.7	3.5
10:40 PM - 10:45 PM	59.5	55.9	-	60.0	54.5	5.5
10:45 PM - 10:50 PM	59.9	55.7	-	60.8	53.9	6.9
10:50 PM - 10:55 PM	59.3	56.0	-	59.6	53.7	5.9
10:55 PM - 11:00 PM	59.2	56.4	-	59.0	54.4	4.6
11:00 PM - 11:05 PM	59.2	55.8	-	59.5	53.5	6.0
11:05 PM - 11:10 PM	59.0	56.5	-	58.4	54.0	4.4
11:10 PM - 11:15 PM	58.8	55.9	-	58.7	54.0	4.7
11:15 PM - 11:20 PM	59.0	55.3	-	59.6	53.1	6.5
11:20 PM - 11:25 PM	58.9	56.4	-	58.3	53.5	4.8
11:25 PM - 11:30 PM	59.0	56.0	-	59.0	53.9	5.1
11:30 PM - 11:35 PM	59.7	56.6	-	59.8	54.1	5.7
11:35 PM - 11:40 PM	59.9	56.8	-	60.0	54.5	5.5
11:40 PM - 11:45 PM	59.1	55.8	-	59.4	53.4	6.0
11:45 PM - 11:50 PM	58.7	55.8	-	58.6	53.5	5.1
11:50 PM - 11:55 PM	59.1	55.4	-	59.7	52.4	7.3
11:55 PM - 12:00 AM	58.8	55.4	-	59.1	53.3	5.8
12:00 AM - 12:05 AM	58.8	56.4	-	58.1	53.8	4.3
12:05 AM - 12:10 AM	58.9	56.1	-	58.7	53.8	4.9

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ADDRESS 104 Phatthanakan 40, Phatthanakan Rd., Khwaeng Phatthanakan, Khet Suan Luang, Bangkok 10250 Thailand TEL: +66 0 2760 3000 FAX: +66 0 2760 3197
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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494231
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report Number : 3107786-1

Page 2 of 3

Sample No. 2494231-6
Parameter เสียงรบกวน
Location บ้านชนบท (GPS 47P 0728156, 1619149)
Measurement Date Aug 28 - Aug 29, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 00858520

ระดับเสียง (dB(A))						
เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	เสียงขณะมีการรบกวน		เสียงพื้นฐาน	ค่าระดับการรบกวน
			กลางคืน	กลางวัน		
12:10 AM - 12:15 AM	59.1	55.9	-	59.3	53.5	5.8
12:15 AM - 12:20 AM	59.4	55.2	-	60.3	52.9	7.4
12:20 AM - 12:25 AM	59.1	55.8	-	59.4	53.9	5.5
12:25 AM - 12:30 AM	59.5	55.8	-	60.1	53.1	7.0
12:30 AM - 12:35 AM	58.7	56.4	-	57.8	53.9	3.9
12:35 AM - 12:40 AM	59.4	56.0	-	59.7	53.3	6.4
12:40 AM - 12:45 AM	59.2	55.0	-	60.1	52.7	7.4
12:45 AM - 12:50 AM	58.7	55.9	-	58.5	53.6	4.9
12:50 AM - 12:55 AM	58.8	56.6	-	57.8	53.9	3.9
12:55 AM - 01:00 AM	58.9	57.1	-	57.2	54.4	2.8
01:00 AM - 01:05 AM	58.8	56.6	-	57.8	54.2	3.6
01:05 AM - 01:10 AM	59.3	55.6	-	59.9	52.9	7.0
01:10 AM - 01:15 AM	58.8	55.7	-	58.9	53.5	5.4
01:15 AM - 01:20 AM	60.4	55.8	-	61.6	53.6	8.0
01:20 AM - 01:25 AM	59.1	55.4	-	59.7	53.4	6.3
01:25 AM - 01:30 AM	58.8	55.6	-	59.0	54.0	5.0
01:30 AM - 01:35 AM	59.2	57.5	-	57.3	54.2	3.1
01:35 AM - 01:40 AM	59.7	57.4	-	58.8	54.7	4.1
01:40 AM - 01:45 AM	59.6	57.1	-	59.0	54.8	4.2
01:45 AM - 01:50 AM	59.4	57.3	-	58.2	53.9	4.3
01:50 AM - 01:55 AM	61.0	57.7	-	61.3	55.7	5.6
01:55 AM - 02:00 AM	60.5	56.4	-	61.4	53.9	7.5
02:00 AM - 02:05 AM	61.3	56.5	-	62.6	54.3	8.3
02:05 AM - 02:10 AM	60.7	56.5	-	61.6	54.9	6.7
02:10 AM - 02:15 AM	59.8	55.8	-	60.6	53.7	6.9
02:15 AM - 02:20 AM	59.6	56.8	-	59.4	54.8	4.6
02:20 AM - 02:25 AM	60.2	57.3	-	60.1	54.7	5.4
02:25 AM - 02:30 AM	60.5	57.7	-	60.3	55.4	4.9
02:30 AM - 02:35 AM	59.8	56.9	-	59.7	54.4	5.3
02:35 AM - 02:40 AM	60.0	56.0	-	60.8	54.3	6.5
02:40 AM - 02:45 AM	60.3	56.1	-	61.2	54.0	7.2
02:45 AM - 02:50 AM	60.4	55.1	-	61.9	52.5	9.4
02:50 AM - 02:55 AM	61.0	55.6	-	62.5	53.5	9.0
02:55 AM - 03:00 AM	60.1	56.1	-	60.9	53.0	7.9
03:00 AM - 03:05 AM	60.3	56.8	-	60.7	53.8	6.9
03:05 AM - 03:10 AM	60.6	55.7	-	61.9	53.1	8.8
03:10 AM - 03:15 AM	59.7	56.8	-	59.6	53.8	5.8
03:15 AM - 03:20 AM	60.4	56.1	-	61.4	53.8	7.6
03:20 AM - 03:25 AM	60.0	56.2	-	60.7	53.0	7.7
03:25 AM - 03:30 AM	59.0	55.6	-	59.3	52.7	6.6

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494231
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report Number : 3107786-1

Page 3 of 3

Sample No. 2494231-6
Parameter เสียงรบกวน
Location บ้านชนบท (GPS 47P 0728156, 1619149)
Measurement Date Aug 28 - Aug 29, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 00858520

ระดับเสียง (dB(A))						
เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	เสียงขณะมีการรบกวน		เสียงพื้นฐาน	ค่าระดับการรบกวน
			กลางคืน	กลางวัน		
03:30 AM - 03:35 AM	59.4	55.5	-	60.1	53.3	6.8
03:35 AM - 03:40 AM	59.6	55.5	-	60.5	53.1	7.4
03:40 AM - 03:45 AM	59.2	55.6	-	59.7	53.0	6.7
03:45 AM - 03:50 AM	60.2	55.5	-	61.4	53.4	8.0
03:50 AM - 03:55 AM	60.3	56.3	-	61.1	53.3	7.8
03:55 AM - 04:00 AM	60.0	56.9	-	60.1	53.4	6.7
04:00 AM - 04:05 AM	59.1	56.4	-	58.8	53.1	5.7
04:05 AM - 04:10 AM	59.8	56.1	-	60.4	53.4	7.0
04:10 AM - 04:15 AM	59.2	56.2	-	59.2	53.8	5.4
04:15 AM - 04:20 AM	59.5	54.5	-	60.8	52.8	8.0
04:20 AM - 04:25 AM	59.2	55.7	-	59.6	53.6	6.0
04:25 AM - 04:30 AM	59.0	55.6	-	59.3	53.4	5.9
04:30 AM - 04:35 AM	58.9	55.0	-	59.6	53.2	6.4
04:35 AM - 04:40 AM	59.0	55.2	-	59.7	53.3	6.4
04:40 AM - 04:45 AM	59.0	55.2	-	59.7	53.0	6.7
04:45 AM - 04:50 AM	61.0	55.0	-	62.7	53.0	9.7
04:50 AM - 04:55 AM	58.6	55.3	-	58.9	53.2	5.7
04:55 AM - 05:00 AM	58.8	55.8	-	58.8	52.8	6.0
05:00 AM - 05:05 AM	59.5	55.5	-	60.3	53.0	7.3
05:05 AM - 05:10 AM	58.7	54.6	-	59.6	52.6	7.0
05:10 AM - 05:15 AM	58.5	55.1	-	58.8	52.8	6.0
05:15 AM - 05:20 AM	58.8	55.7	-	58.9	53.5	5.4
05:20 AM - 05:25 AM	60.3	55.6	-	61.5	53.1	8.4
05:25 AM - 05:30 AM	59.5	55.9	-	60.0	53.5	6.5
05:30 AM - 05:35 AM	59.2	56.4	-	59.0	53.8	5.2
05:35 AM - 05:40 AM	58.8	57.2	-	56.7	54.6	2.1
05:40 AM - 05:45 AM	59.4	56.7	-	59.1	54.1	5.0
05:45 AM - 05:50 AM	58.9	57.7	-	55.7	54.7	1.0
05:50 AM - 05:55 AM	61.4	57.1	-	62.4	54.8	7.6
05:55 AM - 06:00 AM	60.7	57.5	-	60.9	54.5	6.4
06:00 AM - 07:00 AM	59.8	57.8	55.5	-	55.4	0.1
07:00 AM - 08:00 AM	58.5	61.4	n/a	-	56.8	-

ตามมาตรฐาน

Reference Method :

- In-house method : STM 06-001 based on ISO 1996-1 : 2016
- ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ณ ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2567

มาตรฐาน

- ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
- ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานเสียงรบกวนและค่าเสียงที่เกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561

Remark:

- ระดับเสียงจากแหล่งกำเนิด ทำการตรวจวัด วันที่ 28-29 สิงหาคม 2567
- ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No.2494233-6 วันที่ตรวจวัด 28-29 สิงหาคม 2567)
- n/a: ไม่สามารถคำนวณระดับเสียงขณะมีการรบกวนเนื่องจากระดับเสียงจากแหล่งกำเนิดน้อยกว่าระดับเสียงขณะไม่มีการรบกวน

The above results are valid only for the analysed 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 : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494231
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report Number : 3107787-1

Sample No. 2494231-7
Parameter เสียงรบกวน
Location บ้านชีบนอน (GPS 47P 0728156, 1619149)
Measurement Date Aug 29 - Aug 30, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 00858520

Page 1 of 3

ระดับเสียง (dB(A))						
เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	เสียงขณะมีการรบกวน		เสียงพื้นฐาน	ค่าระดับการรบกวน
			กลางวัน	กลางคืน		
05:00 AM - 09:00 AM	58.2	61.0	n/a	-	54.0	-
09:00 AM - 10:00 AM	59.4	56.6	56.2	-	53.7	2.5
10:00 AM - 11:00 AM	59.3	58.1	53.1	-	53.9	-0.8
11:00 AM - 12:00 PM	59.2	56.0	56.4	-	54.1	2.3
12:00 PM - 01:00 PM	59.3	55.8	56.7	-	54.2	2.5
01:00 PM - 02:00 PM	59.3	59.8	n/a	-	54.9	-
02:00 PM - 03:00 PM	62.7	62.6	46.3	-	55.1	-8.8
03:00 PM - 04:00 PM	58.9	58.2	50.6	-	55.2	-4.6
04:00 PM - 05:00 PM	58.9	57.6	53.0	-	54.5	-1.5
05:00 PM - 06:00 PM	59.5	59.2	47.7	-	55.8	-8.1
06:00 PM - 07:00 PM	59.4	56.9	55.8	-	55.0	0.8
07:00 PM - 08:00 PM	59.0	56.9	54.8	-	54.9	-0.1
08:00 PM - 09:00 PM	59.5	56.2	56.8	-	54.3	2.5
09:00 PM - 10:00 PM	58.6	56.4	54.6	-	54.4	0.2
10:00 PM - 10:05 PM	58.4	57.1	-	55.5	55.5	0.0
10:05 PM - 10:10 PM	58.5	57.4	-	55.0	56.1	-1.1
10:10 PM - 10:15 PM	58.3	57.8	-	51.7	56.4	-4.7
10:15 PM - 10:20 PM	59.2	58.4	-	54.5	57.3	-2.8
10:20 PM - 10:25 PM	58.1	58.1	-	n/a	57.1	-
10:25 PM - 10:30 PM	58.7	57.8	-	54.4	56.4	-2.0
10:30 PM - 10:35 PM	58.8	56.6	-	57.8	55.2	2.6
10:35 PM - 10:40 PM	59.4	57.7	-	57.5	54.7	2.8
10:40 PM - 10:45 PM	59.4	57.6	-	57.7	54.5	3.2
10:45 PM - 10:50 PM	58.3	57.5	-	53.6	53.9	-0.3
10:50 PM - 10:55 PM	58.5	57.2	-	55.6	53.7	1.9
10:55 PM - 11:00 PM	58.5	57.6	-	54.2	54.4	-0.2
11:00 PM - 11:05 PM	58.7	58.2	-	52.1	53.5	-1.4
11:05 PM - 11:10 PM	58.5	57.8	-	53.2	54.0	-0.8
11:10 PM - 11:15 PM	58.7	56.2	-	58.1	54.0	4.1
11:15 PM - 11:20 PM	58.7	56.7	-	57.4	53.1	4.3
11:20 PM - 11:25 PM	58.5	56.1	-	57.8	53.5	4.3
11:25 PM - 11:30 PM	58.4	57.2	-	55.2	53.9	1.3
11:30 PM - 11:35 PM	58.8	55.7	-	58.9	54.1	4.8
11:35 PM - 11:40 PM	58.4	56.8	-	56.3	54.5	1.8
11:40 PM - 11:45 PM	58.6	57.3	-	55.7	53.4	2.3
11:45 PM - 11:50 PM	58.4	57.7	-	53.1	53.5	-0.4
11:50 PM - 11:55 PM	58.9	58.4	-	52.3	52.4	-0.1
11:55 PM - 12:00 AM	58.8	57.1	-	56.9	53.3	3.6
12:00 AM - 12:05 AM	58.1	57.1	-	55.5	53.8	1.7
12:05 AM - 12:10 AM	59.2	58.3	-	54.9	53.8	1.1

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494231
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report Number : 3107787-1

Sample No. 2494231-7
Parameter เสียงรบกวน
Location บ้านชีบนอน (GPS 47P 0728156, 1619149)
Measurement Date Aug 29 - Aug 30, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 00858520

Page 2 of 3

ระดับเสียง (dB(A))						
เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	เสียงขณะมีการรบกวน		เสียงพื้นฐาน	ค่าระดับการรบกวน
			กลางวัน	กลางคืน		
12:10 AM - 12:15 AM	59.4	57.5	-	57.9	53.5	4.4
12:15 AM - 12:20 AM	58.6	55.4	-	58.8	52.9	5.9
12:20 AM - 12:25 AM	58.8	54.5	-	59.8	53.9	5.9
12:25 AM - 12:30 AM	58.8	54.7	-	59.7	53.1	6.6
12:30 AM - 12:35 AM	58.8	54.4	-	59.8	53.9	5.9
12:35 AM - 12:40 AM	58.7	54.3	-	59.7	53.3	6.4
12:40 AM - 12:45 AM	59.0	55.2	-	59.7	52.7	7.0
12:45 AM - 12:50 AM	59.7	55.9	-	60.4	53.6	6.8
12:50 AM - 12:55 AM	59.2	54.8	-	60.2	53.9	6.3
12:55 AM - 01:00 AM	58.7	55.0	-	59.3	54.4	4.9
01:00 AM - 01:05 AM	59.2	54.5	-	60.4	54.2	6.2
01:05 AM - 01:10 AM	59.1	53.4	-	60.7	52.9	7.8
01:10 AM - 01:15 AM	59.7	53.5	-	61.5	53.5	8.0
01:15 AM - 01:20 AM	59.1	53.5	-	60.7	53.6	7.1
01:20 AM - 01:25 AM	58.9	54.3	-	60.1	53.4	6.7
01:25 AM - 01:30 AM	59.6	55.2	-	60.6	54.0	6.6
01:30 AM - 01:35 AM	60.7	55.8	-	62.0	54.2	7.8
01:35 AM - 01:40 AM	61.0	63.7	-	n/a	54.7	-
01:40 AM - 01:45 AM	60.0	64.1	-	n/a	54.8	-
01:45 AM - 01:50 AM	59.2	61.1	-	n/a	53.9	-
01:50 AM - 01:55 AM	59.1	58.3	-	54.4	55.7	-1.3
01:55 AM - 02:00 AM	59.9	63.6	-	n/a	53.9	-
02:00 AM - 02:05 AM	59.7	60.0	-	n/a	54.3	-
02:05 AM - 02:10 AM	59.9	59.2	-	54.6	54.9	-0.3
02:10 AM - 02:15 AM	60.0	66.4	-	n/a	53.7	-
02:15 AM - 02:20 AM	59.4	59.9	-	n/a	54.8	-
02:20 AM - 02:25 AM	61.4	59.4	-	60.1	54.7	5.4
02:25 AM - 02:30 AM	59.8	57.2	-	59.3	55.4	3.9
02:30 AM - 02:35 AM	60.2	55.2	-	61.5	54.4	7.1
02:35 AM - 02:40 AM	60.1	54.5	-	61.7	54.3	7.4
02:40 AM - 02:45 AM	61.1	54.4	-	63.1	54.0	9.1
02:45 AM - 02:50 AM	60.5	54.9	-	62.1	52.5	9.6
02:50 AM - 02:55 AM	60.5	54.8	-	62.1	53.5	8.6
02:55 AM - 03:00 AM	60.1	55.1	-	61.4	53.0	8.4
03:00 AM - 03:05 AM	60.2	54.5	-	61.8	53.8	8.0
03:05 AM - 03:10 AM	59.7	55.5	-	60.6	53.1	7.5
03:10 AM - 03:15 AM	59.6	55.2	-	60.6	53.8	6.8
03:15 AM - 03:20 AM	59.7	54.9	-	61.0	53.8	7.2
03:20 AM - 03:25 AM	59.8	56.1	-	60.4	53.0	7.4
03:25 AM - 03:30 AM	60.0	55.0	-	61.3	52.7	8.6

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494231
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report Number : 3107787-1

Page 3 of 3

Sample No. : 2494231-7
Parameter : เสียงรบกวน
Location : บ้านข้ามดอน (GPS 47P 0728156, 1619149)
Measurement Date : Aug 29 - Aug 30, 2024
Measurement by : Prommee Sripatnet
Sound Level Meter : 00858520

ระดับเสียง (dB(A))						
เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	เสียงขณะมีการรบกวน		เสียงพื้นฐาน	ค่าระดับการรบกวน
			กลางวัน	กลางคืน		
03:30 AM - 03:35 AM	59.3	54.4	-	60.6	53.3	7.3
03:35 AM - 03:40 AM	59.5	56.7	-	59.3	53.1	6.2
03:40 AM - 03:45 AM	58.8	56.2	-	58.3	53.0	5.3
03:45 AM - 03:50 AM	59.1	55.3	-	59.8	53.4	6.4
03:50 AM - 03:55 AM	59.2	55.3	-	59.9	53.3	6.6
03:55 AM - 04:00 AM	59.6	56.6	-	59.6	53.4	6.2
04:00 AM - 04:05 AM	59.2	55.9	-	59.5	53.1	6.4
04:05 AM - 04:10 AM	59.2	55.6	-	59.7	53.4	6.3
04:10 AM - 04:15 AM	58.4	56.0	-	57.7	53.8	3.9
04:15 AM - 04:20 AM	58.5	55.4	-	58.6	52.8	5.8
04:20 AM - 04:25 AM	59.0	55.1	-	59.7	53.6	6.1
04:25 AM - 04:30 AM	59.2	55.6	-	59.7	53.4	6.3
04:30 AM - 04:35 AM	58.4	55.5	-	58.3	53.2	5.1
04:35 AM - 04:40 AM	58.8	54.8	-	59.6	53.3	6.3
04:40 AM - 04:45 AM	59.1	54.6	-	60.2	53.0	7.2
04:45 AM - 04:50 AM	59.4	55.7	-	60.0	53.0	7.0
04:50 AM - 04:55 AM	59.3	55.9	-	59.6	53.2	6.4
04:55 AM - 05:00 AM	58.4	56.2	-	57.4	52.8	4.6
05:00 AM - 05:05 AM	58.3	55.0	-	58.6	53.0	5.6
05:05 AM - 05:10 AM	60.2	55.6	-	61.4	52.6	8.8
05:10 AM - 05:15 AM	59.5	55.8	-	60.1	52.8	7.3
05:15 AM - 05:20 AM	59.3	55.8	-	59.7	53.5	6.2
05:20 AM - 05:25 AM	60.3	56.5	-	61.0	53.1	7.9
05:25 AM - 05:30 AM	58.8	56.5	-	57.9	53.5	4.4
05:30 AM - 05:35 AM	58.8	57.4	-	56.2	53.8	2.4
05:35 AM - 05:40 AM	58.5	57.0	-	56.2	54.6	1.6
05:40 AM - 05:45 AM	59.5	57.8	-	57.6	54.1	3.5
05:45 AM - 05:50 AM	58.4	57.8	-	52.5	54.7	-2.2
05:50 AM - 05:55 AM	59.0	57.6	-	56.4	54.8	1.6
05:55 AM - 06:00 AM	60.4	58.9	-	58.1	54.5	3.6
06:00 AM - 07:00 AM	59.5	58.2	53.6	-	55.1	-1.8
07:00 AM - 08:00 AM	58.8	57.5	52.9	-	56.8	-3.9

ค่ามาตรฐาน

Reference Method :

1. In-house method : STM 06-001 based on ISO 1996-1 : 2016
2. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงการรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2567

มาตรฐาน

1. ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
2. ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานมลพิษทางเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561

Remark:

1. ระดับเสียงจากแหล่งกำเนิด ทำการตรวจวัด วันที่ 29-30 สิงหาคม 2567
2. ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No 2494233-7 วันที่ตรวจวัด 29-30 สิงหาคม 2567)
3. n/a : ไม่สามารถคำนวณระดับเสียงขณะมีการรบกวนเนื่องจากระดับเสียงจากแหล่งกำเนิดน้อยกว่าระดับเสียงขณะไม่มีการรบกวน

Approved by

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494231
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report Number : 3107788-1

Page 1 of 3

Sample No. : 2494231-8
Parameter : เสียงรบกวน
Location : โรงเรือนอบบดหินกว้าง (GPS 47P 0722987, 1616402)
Measurement Date : Aug 23 - Aug 24, 2024
Measurement by : Prommee Sripatnet
Sound Level Meter : 01022261

ระดับเสียง (dB(A))						
เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	เสียงขณะมีการรบกวน		เสียงพื้นฐาน	ค่าระดับการรบกวน
			กลางวัน	กลางคืน		
08:00 AM - 09:00 AM	51.8	53.6	n/a	-	49.2	-
09:00 AM - 10:00 AM	53.6	56.3	n/a	-	53.3	-
10:00 AM - 11:00 AM	52.9	55.1	n/a	-	52.7	-
11:00 AM - 12:00 PM	46.8	59.4	n/a	-	52.2	-
12:00 PM - 01:00 PM	52.2	53.8	n/a	-	51.5	-
01:00 PM - 02:00 PM	48.3	54.2	n/a	-	51.6	-
02:00 PM - 03:00 PM	51.7	56.4	n/a	-	52.7	-
03:00 PM - 04:00 PM	51.1	58.4	n/a	-	53.5	-
04:00 PM - 05:00 PM	51.2	56.8	n/a	-	53.5	-
05:00 PM - 06:00 PM	52.3	59.1	n/a	-	53.7	-
06:00 PM - 07:00 PM	55.4	60.3	n/a	-	56.6	-
07:00 PM - 08:00 PM	56.6	55.7	49.3	-	53.7	-4.4
08:00 PM - 09:00 PM	55.5	54.9	46.6	-	53.3	-6.7
09:00 PM - 10:00 PM	54.9	56.5	n/a	-	54.2	-
10:00 PM - 10:05 PM	54.8	55.2	-	n/a	53.6	-
10:05 PM - 10:10 PM	54.8	56.0	-	n/a	53.9	-
10:10 PM - 10:15 PM	54.2	56.9	-	n/a	54.7	-
10:15 PM - 10:20 PM	52.0	56.7	-	n/a	55.0	-
10:20 PM - 10:25 PM	51.5	56.9	-	n/a	55.3	-
10:25 PM - 10:30 PM	52.4	56.7	-	n/a	55.3	-
10:30 PM - 10:35 PM	51.7	57.5	-	n/a	55.3	-
10:35 PM - 10:40 PM	52.1	56.9	-	n/a	55.4	-
10:40 PM - 10:45 PM	53.1	56.7	-	n/a	55.0	-
10:45 PM - 10:50 PM	53.0	56.0	-	n/a	55.0	-
10:50 PM - 10:55 PM	52.6	55.7	-	n/a	54.1	-
10:55 PM - 11:00 PM	52.2	56.3	-	n/a	54.4	-
11:00 PM - 11:05 PM	52.3	55.1	-	n/a	53.5	-
11:05 PM - 11:10 PM	52.6	55.7	-	n/a	54.3	-
11:10 PM - 11:15 PM	54.4	56.4	-	n/a	54.2	-
11:15 PM - 11:20 PM	51.3	55.7	-	n/a	54.2	-
11:20 PM - 11:25 PM	51.7	56.6	-	n/a	54.4	-
11:25 PM - 11:30 PM	51.6	54.8	-	n/a	53.3	-
11:30 PM - 11:35 PM	51.4	55.4	-	n/a	53.5	-
11:35 PM - 11:40 PM	51.1	55.6	-	n/a	53.9	-
11:40 PM - 11:45 PM	61.2	54.6	-	63.1	52.9	10.2
11:45 PM - 11:50 PM	51.9	54.8	-	n/a	53.1	-
11:50 PM - 11:55 PM	52.4	55.2	-	n/a	51.7	-
11:55 PM - 12:00 AM	51.9	53.5	-	n/a	51.8	-
12:00 AM - 12:05 AM	51.7	53.8	-	n/a	51.5	-
12:05 AM - 12:10 AM	51.8	53.9	-	n/a	51.2	-

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

Lot ID: 2494231
Date Received :Sep 04, 2024
Date Reported :Sep 11, 2024
Report Number : 3107788-1

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Page 2 of 3

Sample No. 2494231-8
Parameter เสียงรบกวน
Location โรงเรียนอนุบาลพินทาง (GPS 47P 0722987, 1616402)
Measurement Date Aug 23 - Aug 24, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 01022261

ระดับเสียง (dB(A))					
เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีกิจกรรม	เสียงขณะมีการรบกวน		ค่าระดับการรบกวน
			กลางวัน	กลางคืน	
12:10 AM - 12:15 AM	52.3	53.8	-	n/a	51.9
12:15 AM - 12:20 AM	52.5	52.7	-	n/a	51.4
12:20 AM - 12:25 AM	52.2	52.4	-	n/a	50.1
12:25 AM - 12:30 AM	52.0	51.8	-	41.5	49.1
12:30 AM - 12:35 AM	52.3	52.3	-	n/a	49.9
12:35 AM - 12:40 AM	50.0	52.4	-	n/a	50.4
12:40 AM - 12:45 AM	50.5	53.2	-	n/a	49.9
12:45 AM - 12:50 AM	51.7	52.8	-	n/a	50.0
12:50 AM - 12:55 AM	51.6	53.1	-	n/a	50.9
12:55 AM - 01:00 AM	51.3	53.2	-	n/a	50.8
01:00 AM - 01:05 AM	52.2	52.9	-	n/a	50.6
01:05 AM - 01:10 AM	52.0	51.8	-	41.5	49.0
01:10 AM - 01:15 AM	51.7	51.4	-	42.9	49.4
01:15 AM - 01:20 AM	54.6	52.7	-	53.1	49.1
01:20 AM - 01:25 AM	50.2	53.9	-	n/a	50.1
01:25 AM - 01:30 AM	51.5	53.4	-	n/a	50.2
01:30 AM - 01:35 AM	53.2	54.6	-	n/a	51.0
01:35 AM - 01:40 AM	49.9	54.2	-	n/a	50.0
01:40 AM - 01:45 AM	50.4	51.1	-	n/a	47.9
01:45 AM - 01:50 AM	50.2	52.6	-	n/a	48.8
01:50 AM - 01:55 AM	65.4	59.0	-	67.3	49.5
01:55 AM - 02:00 AM	50.5	51.0	-	n/a	48.0
02:00 AM - 02:05 AM	50.4	53.6	-	n/a	48.5
02:05 AM - 02:10 AM	50.4	56.1	-	n/a	50.9
02:10 AM - 02:15 AM	49.5	53.4	-	n/a	49.8
02:15 AM - 02:20 AM	47.5	51.3	-	n/a	47.7
02:20 AM - 02:25 AM	49.3	52.1	-	n/a	49.2
02:25 AM - 02:30 AM	48.8	53.0	-	n/a	49.0
02:30 AM - 02:35 AM	48.7	52.6	-	n/a	48.9
02:35 AM - 02:40 AM	46.9	53.3	-	n/a	48.9
02:40 AM - 02:45 AM	48.5	52.7	-	n/a	50.2
02:45 AM - 02:50 AM	48.6	53.0	-	n/a	49.1
02:50 AM - 02:55 AM	48.0	53.9	-	n/a	48.1
02:55 AM - 03:00 AM	48.3	51.3	-	n/a	49.4
03:00 AM - 03:05 AM	46.7	51.9	-	n/a	50.0
03:05 AM - 03:10 AM	47.4	53.9	-	n/a	49.3
03:10 AM - 03:15 AM	48.6	52.8	-	n/a	47.5
03:15 AM - 03:20 AM	47.4	51.6	-	n/a	47.9
03:20 AM - 03:25 AM	48.2	50.6	-	n/a	49.8
03:25 AM - 03:30 AM	48.5	52.2	-	n/a	-

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 in full.

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

Lot ID: 2494231
Date Received :Sep 04, 2024
Date Reported :Sep 11, 2024
Report Number : 3107788-1

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Page 3 of 3

Sample No. 2494231-8
Parameter เสียงรบกวน
Location โรงเรียนอนุบาลพินทาง (GPS 47P 0722987, 1616402)
Measurement Date Aug 23 - Aug 24, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 01022261

ระดับเสียง (dB(A))					
เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีกิจกรรม	เสียงขณะมีการรบกวน		ค่าระดับการรบกวน
			กลางวัน	กลางคืน	
03:30 AM - 03:35 AM	47.8	51.4	-	n/a	48.9
03:35 AM - 03:40 AM	47.9	52.7	-	n/a	49.6
03:40 AM - 03:45 AM	47.7	54.8	-	n/a	50.9
03:45 AM - 03:50 AM	48.2	53.4	-	n/a	48.9
03:50 AM - 03:55 AM	48.4	55.3	-	n/a	50.2
03:55 AM - 04:00 AM	48.0	55.1	-	n/a	51.0
04:00 AM - 04:05 AM	47.5	54.7	-	n/a	51.0
04:05 AM - 04:10 AM	46.7	56.5	-	n/a	53.2
04:10 AM - 04:15 AM	48.6	57.6	-	n/a	54.6
04:15 AM - 04:20 AM	46.9	54.0	-	n/a	47.8
04:20 AM - 04:25 AM	47.1	56.2	-	n/a	51.8
04:25 AM - 04:30 AM	47.0	53.3	-	n/a	48.2
04:30 AM - 04:35 AM	47.2	60.1	-	n/a	54.5
04:35 AM - 04:40 AM	47.8	62.5	-	n/a	57.2
04:40 AM - 04:45 AM	47.7	62.8	-	n/a	59.9
04:45 AM - 04:50 AM	48.2	62.9	-	n/a	59.6
04:50 AM - 04:55 AM	48.4	63.6	-	n/a	60.3
04:55 AM - 05:00 AM	47.9	63.7	-	n/a	60.8
05:00 AM - 05:05 AM	56.5	63.9	-	n/a	61.1
05:05 AM - 05:10 AM	47.5	63.6	-	n/a	60.4
05:10 AM - 05:15 AM	48.5	63.4	-	n/a	60.0
05:15 AM - 05:20 AM	50.2	62.4	-	n/a	58.5
05:20 AM - 05:25 AM	49.3	58.2	-	n/a	52.4
05:25 AM - 05:30 AM	50.3	52.3	-	n/a	49.4
05:30 AM - 05:35 AM	49.1	53.3	-	n/a	50.1
05:35 AM - 05:40 AM	48.6	53.1	-	n/a	50.6
05:40 AM - 05:45 AM	49.9	53.2	-	n/a	50.6
05:45 AM - 05:50 AM	50.0	53.2	-	n/a	49.7
05:50 AM - 05:55 AM	51.1	68.9	-	n/a	53.4
05:55 AM - 06:00 AM	50.2	55.4	-	n/a	53.1
06:00 AM - 07:00 AM	53.7	55.3	n/a	-	51.3
07:00 AM - 08:00 AM	49.3	55.1	n/a	-	52.1

ค่ามาตรฐาน

Reference Method :

- In-house method : STM 06-001 based on ISO 1996-1 : 2016
- ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงการรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2567

มาตรฐาน

- ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
- ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานแหล่งทางเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561

Remark:

- ระดับเสียงจากแหล่งกำเนิด ทำการตรวจวัด วันที่ 23-24 สิงหาคม 2567
- ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีกิจกรรม (Sample No.2494233-22 วันที่ตรวจวัด 23-24 สิงหาคม 2567)
- n/a: ไม่สามารถคำนวณระดับเสียงขณะมีการรบกวนเนื่องจากระดับเสียงจากแหล่งกำเนิดน้อยกว่าระดับเสียงขณะไม่มีกิจกรรม

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494231
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report Number : 3107789-1

Page 1 of 3

Sample No. 2494231-9
Parameter เสียงรบกวน
Location โรงเรือนอบบดหินกรวด (GPS 47P 0722987, 1616402)
Measurement Date Aug 24 - Aug 25, 2024
Measurement by Prommee Sripalnet
Sound Level Meter 01022261

ระดับเสียง (dB(A))						
เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	เสียงขณะมีการรบกวน		เสียงพื้นฐาน	ค่าระดับการรบกวน
			กลางวัน	กลางคืน		
08:00 AM - 09:00 AM	46.9	57.0	n/a	-	52.6	-
09:00 AM - 10:00 AM	50.2	59.1	n/a	-	55.0	-
10:00 AM - 11:00 AM	47.3	62.6	n/a	-	55.0	-
11:00 AM - 12:00 PM	47.0	62.5	n/a	-	54.8	-
12:00 PM - 01:00 PM	47.8	54.5	n/a	-	52.2	-
01:00 PM - 02:00 PM	57.1	57.3	n/a	-	52.0	-
02:00 PM - 03:00 PM	50.3	63.7	n/a	-	54.9	-
03:00 PM - 04:00 PM	49.3	60.8	n/a	-	55.6	-
04:00 PM - 05:00 PM	50.4	60.1	n/a	-	56.7	-
05:00 PM - 06:00 PM	51.0	60.7	n/a	-	56.4	-
06:00 PM - 07:00 PM	50.5	62.0	n/a	-	58.1	-
07:00 PM - 08:00 PM	58.6	61.2	n/a	-	57.8	-
08:00 PM - 09:00 PM	58.2	61.0	n/a	-	59.4	-
09:00 PM - 10:00 PM	56.6	57.8	n/a	-	56.4	-
10:00 PM - 10:05 PM	56.7	60.1	-	n/a	55.8	-
10:05 PM - 10:10 PM	55.4	62.2	-	n/a	61.4	-
10:10 PM - 10:15 PM	54.7	61.4	-	n/a	60.3	-
10:15 PM - 10:20 PM	55.1	60.6	-	n/a	60.2	-
10:20 PM - 10:25 PM	55.3	60.6	-	n/a	59.9	-
10:25 PM - 10:30 PM	56.9	59.6	-	n/a	57.9	-
10:30 PM - 10:35 PM	55.8	57.7	-	n/a	55.4	-
10:35 PM - 10:40 PM	55.3	54.8	-	n/a	53.6	-4.9
10:40 PM - 10:45 PM	55.2	53.3	-	n/a	51.1	2.6
10:45 PM - 10:50 PM	55.3	54.7	-	n/a	53.0	-3.6
10:50 PM - 10:55 PM	55.2	53.7	-	n/a	52.0	0.9
10:55 PM - 11:00 PM	56.1	55.0	-	n/a	52.7	-0.1
11:00 PM - 11:05 PM	54.7	56.5	-	n/a	54.1	-
11:05 PM - 11:10 PM	54.0	54.8	-	n/a	52.7	-
11:10 PM - 11:15 PM	54.0	54.0	-	n/a	52.6	-
11:15 PM - 11:20 PM	53.9	54.7	-	n/a	52.0	-
11:20 PM - 11:25 PM	53.3	53.1	-	n/a	51.7	-8.9
11:25 PM - 11:30 PM	52.9	53.3	-	n/a	51.3	-
11:30 PM - 11:35 PM	53.4	53.8	-	n/a	52.3	-
11:35 PM - 11:40 PM	53.3	53.9	-	n/a	52.1	-
11:40 PM - 11:45 PM	52.8	54.3	-	n/a	52.4	-
11:45 PM - 11:50 PM	53.9	55.0	-	n/a	51.7	-
11:50 PM - 11:55 PM	54.4	54.3	-	n/a	51.8	-10.8
11:55 PM - 12:00 AM	53.4	52.8	-	n/a	47.5	-3.2
12:00 AM - 12:05 AM	53.4	52.8	-	n/a	51.1	-3.6
12:05 AM - 12:10 AM	51.7	52.4	-	n/a	50.5	-

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494231
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report Number : 3107789-1

Page 2 of 3

Sample No. 2494231-9
Parameter เสียงรบกวน
Location โรงเรือนอบบดหินกรวด (GPS 47P 0722987, 1616402)
Measurement Date Aug 24 - Aug 25, 2024
Measurement by Prommee Sripalnet
Sound Level Meter 01022261

ระดับเสียง (dB(A))						
เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	เสียงขณะมีการรบกวน		เสียงพื้นฐาน	ค่าระดับการรบกวน
			กลางวัน	กลางคืน		
12:10 AM - 12:15 AM	53.4	53.5	-	n/a	50.4	-
12:15 AM - 12:20 AM	53.2	52.5	-	n/a	50.1	-2.2
12:20 AM - 12:25 AM	53.9	52.4	-	n/a	50.0	1.6
12:25 AM - 12:30 AM	51.8	51.7	-	n/a	48.9	-10.5
12:30 AM - 12:35 AM	51.8	51.9	-	n/a	48.7	-
12:35 AM - 12:40 AM	53.3	51.7	-	n/a	48.6	2.6
12:40 AM - 12:45 AM	53.1	51.3	-	n/a	49.1	2.3
12:45 AM - 12:50 AM	51.4	50.3	-	n/a	47.2	0.7
12:50 AM - 12:55 AM	52.3	51.7	-	n/a	48.1	-1.7
12:55 AM - 01:00 AM	51.5	52.5	-	n/a	49.6	-
01:00 AM - 01:05 AM	52.3	52.5	-	n/a	48.8	-
01:05 AM - 01:10 AM	52.2	51.2	-	n/a	48.0	0.3
01:10 AM - 01:15 AM	52.8	52.2	-	n/a	49.2	-2.3
01:15 AM - 01:20 AM	63.6	51.8	-	n/a	47.8	18.5
01:20 AM - 01:25 AM	53.9	61.0	-	n/a	48.5	-
01:25 AM - 01:30 AM	51.8	52.5	-	n/a	48.8	-
01:30 AM - 01:35 AM	53.0	50.4	-	n/a	47.0	5.5
01:35 AM - 01:40 AM	51.8	51.1	-	n/a	47.8	-1.3
01:40 AM - 01:45 AM	48.8	50.2	-	n/a	46.4	-
01:45 AM - 01:50 AM	48.7	49.7	-	n/a	46.8	-
01:50 AM - 01:55 AM	49.5	50.4	-	n/a	47.7	-
01:55 AM - 02:00 AM	49.3	50.5	-	n/a	46.8	-
02:00 AM - 02:05 AM	50.4	50.5	-	n/a	48.3	-
02:05 AM - 02:10 AM	49.7	52.7	-	n/a	47.9	-
02:10 AM - 02:15 AM	49.7	51.1	-	n/a	48.0	-
02:15 AM - 02:20 AM	50.1	51.1	-	n/a	47.8	-
02:20 AM - 02:25 AM	50.0	52.1	-	n/a	48.1	-
02:25 AM - 02:30 AM	49.8	51.2	-	n/a	47.1	-
02:30 AM - 02:35 AM	50.5	49.8	-	n/a	46.9	-1.7
02:35 AM - 02:40 AM	48.7	50.0	-	n/a	46.4	-
02:40 AM - 02:45 AM	48.6	52.1	-	n/a	45.8	-
02:45 AM - 02:50 AM	48.7	50.0	-	n/a	46.5	-
02:50 AM - 02:55 AM	49.4	50.5	-	n/a	46.5	-
02:55 AM - 03:00 AM	49.3	49.5	-	n/a	45.9	-
03:00 AM - 03:05 AM	48.9	50.9	-	n/a	47.3	-
03:05 AM - 03:10 AM	48.4	51.3	-	n/a	48.7	-
03:10 AM - 03:15 AM	48.7	50.2	-	n/a	45.9	-
03:15 AM - 03:20 AM	48.6	50.3	-	n/a	47.1	-
03:20 AM - 03:25 AM	48.7	50.5	-	n/a	48.2	-
03:25 AM - 03:30 AM	48.5	50.5	-	n/a	47.5	-

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494231
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report Number : 3107789-1

Page 3 of 3

Sample No. 2494231-9
Parameter เสียงรบกวน
Location โรงเรียนอบูนาถหินขาว (GPS 47P 0722987, 1616402)
Measurement Date Aug 24 - Aug 25, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 01022261

ระดับเสียง (dB(A))						
เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	เสียงขณะมีการรบกวน		เสียงพื้นฐาน	ค่าระดับการรบกวน
			กลางวัน	กลางคืน		
03:30 AM - 03:35 AM	48.8	50.4	-	n/a	48.2	-
03:35 AM - 03:40 AM	48.5	51.4	-	n/a	49.0	-
03:40 AM - 03:45 AM	48.0	50.9	-	n/a	47.3	-
03:45 AM - 03:50 AM	47.4	50.6	-	n/a	48.2	-
03:50 AM - 03:55 AM	50.1	51.6	-	n/a	49.0	-
03:55 AM - 04:00 AM	51.3	51.8	-	n/a	47.2	-
04:00 AM - 04:05 AM	47.5	52.5	-	n/a	47.4	-
04:05 AM - 04:10 AM	48.5	52.4	-	n/a	48.7	-
04:10 AM - 04:15 AM	48.1	51.9	-	n/a	49.3	-
04:15 AM - 04:20 AM	49.4	51.3	-	n/a	49.2	-
04:20 AM - 04:25 AM	47.5	52.3	-	n/a	47.8	-
04:25 AM - 04:30 AM	47.7	49.2	-	n/a	46.5	-
04:30 AM - 04:35 AM	48.3	58.1	-	n/a	47.8	-
04:35 AM - 04:40 AM	48.9	60.7	-	n/a	56.7	-
04:40 AM - 04:45 AM	48.4	60.6	-	n/a	57.8	-
04:45 AM - 04:50 AM	47.9	60.2	-	n/a	57.8	-
04:50 AM - 04:55 AM	48.5	60.5	-	n/a	58.0	-
04:55 AM - 05:00 AM	48.6	60.8	-	n/a	58.3	-
05:00 AM - 05:05 AM	57.2	61.0	-	n/a	58.3	-
05:05 AM - 05:10 AM	49.5	62.6	-	n/a	59.1	-
05:10 AM - 05:15 AM	49.0	61.7	-	n/a	58.9	-
05:15 AM - 05:20 AM	49.1	61.6	-	n/a	58.6	-
05:20 AM - 05:25 AM	49.5	58.0	-	n/a	53.7	-
05:25 AM - 05:30 AM	50.2	56.7	-	n/a	51.4	-
05:30 AM - 05:35 AM	49.3	53.0	-	n/a	50.1	-
05:35 AM - 05:40 AM	48.6	52.5	-	n/a	50.1	-
05:40 AM - 05:45 AM	49.6	53.3	-	n/a	50.4	-
05:45 AM - 05:50 AM	49.8	51.9	-	n/a	49.4	-
05:50 AM - 05:55 AM	49.2	53.5	-	n/a	49.7	-
05:55 AM - 06:00 AM	48.5	57.3	-	n/a	55.7	-
06:00 AM - 07:00 AM	52.4	55.2	n/a	-	51.8	-
07:00 AM - 08:00 AM	50.9	62.1	n/a	-	53.6	-

ตามมาตรฐาน

≤ 10

Reference Method :

- In-house method : STM 06-001 based on ISO 1996-1 : 2016
- ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2567

มาตรฐาน

- ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
- ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานและขีดจำกัดทางเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561

Remark:

- ระดับเสียงจากแหล่งกำเนิด จากการตรวจวัด วันที่ 24-25 สิงหาคม 2567
- ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No.2494233-23 วันที่ตรวจวัด 24-25 สิงหาคม 2567)
- n/a: ไม่สามารถคำนวณระดับเสียงขณะมีการรบกวนเนื่องจากระดับเสียงจากแหล่งกำเนิดน้อยกว่าระดับเสียงขณะไม่มีการรบกวน

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 : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494231
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report Number : 3107790-1

Page 1 of 3

Sample No. 2494231-10
Parameter เสียงรบกวน
Location โรงเรียนอบูนาถหินขาว (GPS 47P 0722987, 1616402)
Measurement Date Aug 25 - Aug 26, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 01022261

ระดับเสียง (dB(A))						
เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	เสียงขณะมีการรบกวน		เสียงพื้นฐาน	ค่าระดับการรบกวน
			กลางวัน	กลางคืน		
08:00 AM - 09:00 AM	49.3	62.3	n/a	-	54.1	-
09:00 AM - 10:00 AM	52.0	56.5	n/a	-	51.2	-
10:00 AM - 11:00 AM	49.0	54.5	n/a	-	52.2	-
11:00 AM - 12:00 PM	53.9	59.0	n/a	-	52.3	-
12:00 PM - 01:00 PM	50.0	53.3	n/a	-	50.0	-
01:00 PM - 02:00 PM	45.4	53.7	n/a	-	51.3	-
02:00 PM - 03:00 PM	50.7	62.3	n/a	-	53.7	-
03:00 PM - 04:00 PM	49.3	60.6	n/a	-	55.7	-
04:00 PM - 05:00 PM	53.0	62.8	n/a	-	55.4	-
05:00 PM - 06:00 PM	49.5	61.7	n/a	-	54.5	-
06:00 PM - 07:00 PM	51.4	61.2	n/a	-	55.5	-
07:00 PM - 08:00 PM	55.4	57.2	n/a	-	54.6	-
08:00 PM - 09:00 PM	54.3	54.9	n/a	-	52.5	-
09:00 PM - 10:00 PM	51.4	53.3	n/a	-	51.2	-
10:00 PM - 10:05 PM	50.0	51.1	-	n/a	48.2	-
10:05 PM - 10:10 PM	50.1	52.9	-	n/a	50.0	-
10:10 PM - 10:15 PM	50.8	53.4	-	n/a	50.2	-
10:15 PM - 10:20 PM	50.7	51.7	-	n/a	50.2	-
10:20 PM - 10:25 PM	48.9	52.6	-	n/a	50.7	-
10:25 PM - 10:30 PM	51.5	55.3	-	n/a	52.5	-
10:30 PM - 10:35 PM	49.3	57.0	-	n/a	55.0	-
10:35 PM - 10:40 PM	49.6	57.8	-	n/a	54.6	-
10:40 PM - 10:45 PM	51.1	57.5	-	n/a	55.0	-
10:45 PM - 10:50 PM	49.5	58.1	-	n/a	55.9	-
10:50 PM - 10:55 PM	53.7	57.1	-	n/a	54.4	-
10:55 PM - 11:00 PM	49.4	55.6	-	n/a	52.5	-
11:00 PM - 11:05 PM	48.8	54.4	-	n/a	52.6	-
11:05 PM - 11:10 PM	49.3	53.9	-	n/a	51.9	-
11:10 PM - 11:15 PM	49.3	52.1	-	n/a	49.9	-
11:15 PM - 11:20 PM	49.8	53.7	-	n/a	50.6	-
11:20 PM - 11:25 PM	49.8	53.1	-	n/a	51.2	-
11:25 PM - 11:30 PM	49.6	54.0	-	n/a	50.6	-
11:30 PM - 11:35 PM	48.9	53.8	-	n/a	49.4	-
11:35 PM - 11:40 PM	49.4	51.4	-	n/a	48.4	-
11:40 PM - 11:45 PM	49.3	52.2	-	n/a	48.9	-
11:45 PM - 11:50 PM	49.5	52.5	-	n/a	49.4	-
11:50 PM - 11:55 PM	49.3	51.6	-	n/a	48.6	-
11:55 PM - 12:00 AM	48.6	51.5	-	n/a	48.3	-
12:00 AM - 12:05 AM	48.6	50.9	-	n/a	48.3	-
12:05 AM - 12:10 AM	47.9	52.2	-	n/a	48.2	-

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494231
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report Number : 3107790-1

Page 2 of 3

Sample No. 2494231-10
Parameter เลี้ยงนกนก
Location โรงเรือนอนุบาลห่านทาง (GPS 47P 0722987, 1616402)
Measurement Date Aug 25 - Aug 26, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 01022261

ระดับเสียง (dB(A))						
เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	เสียงขณะมีการรบกวน		เสียงพื้นฐาน	ค่าระดับการรบกวน
			กลางวัน	กลางคืน		
12:10 AM - 12:15 AM	47.2	51.3	-	n/a	48.9	-
12:15 AM - 12:20 AM	47.3	50.1	-	n/a	47.6	-
12:20 AM - 12:25 AM	46.9	51.9	-	n/a	48.0	-
12:25 AM - 12:30 AM	47.9	51.8	-	n/a	49.5	-
12:30 AM - 12:35 AM	47.5	53.3	-	n/a	49.6	-
12:35 AM - 12:40 AM	47.6	52.3	-	n/a	48.7	-
12:40 AM - 12:45 AM	48.0	52.0	-	n/a	48.4	-
12:45 AM - 12:50 AM	48.0	51.8	-	n/a	49.2	-
12:50 AM - 12:55 AM	48.1	51.6	-	n/a	48.6	-
12:55 AM - 01:00 AM	47.5	51.4	-	n/a	48.2	-
01:00 AM - 01:05 AM	47.3	51.5	-	n/a	48.1	-
01:05 AM - 01:10 AM	47.6	50.8	-	n/a	47.6	-
01:10 AM - 01:15 AM	47.3	51.4	-	n/a	48.5	-
01:15 AM - 01:20 AM	56.3	51.4	-	57.6	48.4	9.2
01:20 AM - 01:25 AM	47.0	54.7	-	n/a	49.0	-
01:25 AM - 01:30 AM	46.6	52.2	-	n/a	48.7	-
01:30 AM - 01:35 AM	46.5	51.2	-	n/a	48.2	-
01:35 AM - 01:40 AM	46.2	51.9	-	n/a	48.2	-
01:40 AM - 01:45 AM	45.9	51.0	-	n/a	47.9	-
01:45 AM - 01:50 AM	45.8	50.5	-	n/a	47.5	-
01:50 AM - 01:55 AM	46.3	51.2	-	n/a	45.8	-
01:55 AM - 02:00 AM	46.1	51.4	-	n/a	47.4	-
02:00 AM - 02:05 AM	45.4	50.2	-	n/a	47.4	-
02:05 AM - 02:10 AM	46.6	51.1	-	n/a	48.2	-
02:10 AM - 02:15 AM	47.1	50.9	-	n/a	47.8	-
02:15 AM - 02:20 AM	48.5	52.0	-	n/a	48.0	-
02:20 AM - 02:25 AM	47.4	51.6	-	n/a	48.1	-
02:25 AM - 02:30 AM	46.5	50.0	-	n/a	46.8	-
02:30 AM - 02:35 AM	48.9	50.2	-	n/a	47.9	-
02:35 AM - 02:40 AM	46.8	49.8	-	n/a	47.3	-
02:40 AM - 02:45 AM	46.1	52.7	-	n/a	49.0	-
02:45 AM - 02:50 AM	45.5	50.0	-	n/a	48.2	-
02:50 AM - 02:55 AM	46.5	50.3	-	n/a	47.5	-
02:55 AM - 03:00 AM	47.3	50.7	-	n/a	49.1	-
03:00 AM - 03:05 AM	55.7	51.9	-	56.4	48.6	7.8
03:05 AM - 03:10 AM	48.6	51.6	-	n/a	47.1	-
03:10 AM - 03:15 AM	45.2	50.1	-	n/a	46.6	-
03:15 AM - 03:20 AM	45.1	50.5	-	n/a	47.5	-
03:20 AM - 03:25 AM	64.7	58.7	-	66.4	48.8	17.6
03:25 AM - 03:30 AM	45.7	50.6	-	n/a	47.5	-

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494231
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report Number : 3107790-1

Page 3 of 3

Sample No. 2494231-10
Parameter เลี้ยงนกนก
Location โรงเรือนอนุบาลห่านทาง (GPS 47P 0722987, 1616402)
Measurement Date Aug 25 - Aug 26, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 01022261

ระดับเสียง (dB(A))						
เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	เสียงขณะมีการรบกวน		เสียงพื้นฐาน	ค่าระดับการรบกวน
			กลางวัน	กลางคืน		
03:30 AM - 03:35 AM	45.3	50.9	-	n/a	47.5	-
03:35 AM - 03:40 AM	45.7	49.6	-	n/a	46.7	-
03:40 AM - 03:45 AM	45.5	50.2	-	n/a	46.5	-
03:45 AM - 03:50 AM	44.9	51.1	-	n/a	47.9	-
03:50 AM - 03:55 AM	45.9	50.2	-	n/a	47.4	-
03:55 AM - 04:00 AM	49.8	53.0	-	n/a	48.3	-
04:00 AM - 04:05 AM	49.5	51.3	-	n/a	47.9	-
04:05 AM - 04:10 AM	45.5	51.2	-	n/a	48.3	-
04:10 AM - 04:15 AM	49.7	53.2	-	n/a	46.8	-
04:15 AM - 04:20 AM	47.8	58.4	-	n/a	47.8	-
04:20 AM - 04:25 AM	44.8	50.3	-	n/a	47.1	-
04:25 AM - 04:30 AM	46.0	50.7	-	n/a	47.6	-
04:30 AM - 04:35 AM	45.6	57.6	-	n/a	47.5	-
04:35 AM - 04:40 AM	46.8	60.5	-	n/a	55.5	-
04:40 AM - 04:45 AM	47.3	60.7	-	n/a	57.6	-
04:45 AM - 04:50 AM	46.2	60.6	-	n/a	57.9	-
04:50 AM - 04:55 AM	46.8	61.4	-	n/a	58.4	-
04:55 AM - 05:00 AM	47.1	62.2	-	n/a	59.0	-
05:00 AM - 05:05 AM	46.7	61.3	-	n/a	58.3	-
05:05 AM - 05:10 AM	60.3	62.2	-	n/a	58.3	-
05:10 AM - 05:15 AM	46.0	60.5	-	n/a	57.4	-
05:15 AM - 05:20 AM	46.4	60.2	-	n/a	57.1	-
05:20 AM - 05:25 AM	46.8	57.4	-	n/a	53.5	-
05:25 AM - 05:30 AM	46.7	55.4	-	n/a	49.5	-
05:30 AM - 05:35 AM	47.9	50.7	-	n/a	47.8	-
05:35 AM - 05:40 AM	46.7	51.5	-	n/a	49.8	-
05:40 AM - 05:45 AM	46.8	51.0	-	n/a	48.7	-
05:45 AM - 05:50 AM	46.7	52.7	-	n/a	48.9	-
05:50 AM - 05:55 AM	46.4	52.8	-	n/a	49.3	-
05:55 AM - 06:00 AM	49.2	56.8	-	n/a	54.7	-
06:00 AM - 07:00 AM	48.5	55.8	n/a	-	52.2	-
07:00 AM - 08:00 AM	48.3	56.5	n/a	-	53.2	-

ตามมาตรฐาน

Reference Method :

- In-house method : STM 06-001 based on ISO 1996-1 : 2016
- ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงการรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2567

มาตรฐาน

- ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
- ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานมลพิษทางเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561

Remark:

- ระดับเสียงจากแหล่งกำเนิด ทำการตรวจวัด วันที่ 25-26 สิงหาคม 2567
- ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No 2494233-24 วันที่ตรวจวัด 25-26 สิงหาคม 2567)
- n/a: ไม่สามารถคำนวณระดับเสียงขณะมีการรบกวนเนื่องจากระดับเสียงจากแหล่งกำเนิดมีค่าต่ำกว่าระดับเสียงขณะมีการรบกวน

The above results are valid only for the analyzed 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 : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

Lot ID: 2494231
Date Received :Sep 04, 2024
Date Reported :Sep 11, 2024
Report Number : 3107791-1

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Page 1 of 3

Sample No. 2494231-11
Parameter เลียงรบกวน
Location โรงเรียนอนุบาลพันทิว (GPS 47P 0722987, 1616402)
Measurement Date Aug 26 - Aug 27, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 01022261

ระดับเสียง (dB(A))						
เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	เสียงขณะมีการรบกวน		เสียงพื้นฐาน	ค่าระดับการรบกวน
			กลางวัน	กลางคืน		
08:00 AM - 09:00 AM	47.8	59.7	n/a	-	54.1	-
09:00 AM - 10:00 AM	48.9	56.2	n/a	-	53.4	-
10:00 AM - 11:00 AM	49.1	56.0	n/a	-	53.0	-
11:00 AM - 12:00 PM	48.2	54.4	n/a	-	51.8	-
12:00 PM - 01:00 PM	48.4	55.2	n/a	-	52.7	-
01:00 PM - 02:00 PM	50.2	54.9	n/a	-	52.5	-
02:00 PM - 03:00 PM	52.1	60.6	n/a	-	54.2	-
03:00 PM - 04:00 PM	48.9	62.1	n/a	-	55.0	-
04:00 PM - 05:00 PM	50.4	61.1	n/a	-	54.5	-
05:00 PM - 06:00 PM	53.6	57.2	n/a	-	54.3	-
06:00 PM - 07:00 PM	48.0	61.0	n/a	-	56.5	-
07:00 PM - 08:00 PM	52.5	54.8	n/a	-	52.7	-
08:00 PM - 09:00 PM	53.3	54.5	n/a	-	52.3	-
09:00 PM - 10:00 PM	53.5	54.5	n/a	-	52.2	-
10:00 PM - 10:05 PM	53.6	53.6	-	n/a	52.1	-
10:05 PM - 10:10 PM	52.9	52.8	-	39.5	50.8	-11.3
10:10 PM - 10:15 PM	53.4	56.2	-	n/a	52.5	-
10:15 PM - 10:20 PM	53.6	54.2	-	n/a	51.7	-
10:20 PM - 10:25 PM	53.4	53.6	-	n/a	51.7	-
10:25 PM - 10:30 PM	54.3	53.3	-	50.4	50.7	-0.3
10:30 PM - 10:35 PM	52.7	54.8	-	n/a	51.4	-
10:35 PM - 10:40 PM	53.3	54.0	-	n/a	51.3	-
10:40 PM - 10:45 PM	52.7	55.0	-	n/a	53.0	-
10:45 PM - 10:50 PM	51.8	54.3	-	n/a	52.1	-
10:50 PM - 10:55 PM	51.4	53.5	-	n/a	50.8	-
10:55 PM - 11:00 PM	51.6	55.3	-	n/a	53.5	-
11:00 PM - 11:05 PM	55.0	54.7	-	46.2	53.1	-6.9
11:05 PM - 11:10 PM	50.9	55.6	-	n/a	53.2	-
11:10 PM - 11:15 PM	51.6	54.8	-	n/a	52.5	-
11:15 PM - 11:20 PM	51.1	53.7	-	n/a	51.5	-
11:20 PM - 11:25 PM	50.5	54.0	-	n/a	52.5	-
11:25 PM - 11:30 PM	50.5	53.7	-	n/a	52.1	-
11:30 PM - 11:35 PM	50.5	54.6	-	n/a	52.6	-
11:35 PM - 11:40 PM	49.8	54.8	-	n/a	53.2	-
11:40 PM - 11:45 PM	48.9	54.6	-	n/a	52.5	-
11:45 PM - 11:50 PM	49.1	54.2	-	n/a	51.4	-
11:50 PM - 11:55 PM	49.5	54.2	-	n/a	52.0	-
11:55 PM - 12:00 AM	50.9	54.9	-	n/a	52.9	-
12:00 AM - 12:05 AM	51.0	54.7	-	n/a	52.4	-
12:05 AM - 12:10 AM	51.9	53.9	-	n/a	51.5	-

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

Lot ID: 2494231
Date Received :Sep 04, 2024
Date Reported :Sep 11, 2024
Report Number : 3107791-1

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Page 2 of 3

Sample No. 2494231-11
Parameter เลียงรบกวน
Location โรงเรียนอนุบาลพันทิว (GPS 47P 0722987, 1616402)
Measurement Date Aug 26 - Aug 27, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 01022261

ระดับเสียง (dB(A))						
เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	เสียงขณะมีการรบกวน		เสียงพื้นฐาน	ค่าระดับการรบกวน
			กลางวัน	กลางคืน		
12:10 AM - 12:15 AM	51.8	55.2	-	n/a	50.8	-
12:15 AM - 12:20 AM	50.7	53.5	-	n/a	50.9	-
12:20 AM - 12:25 AM	49.6	52.3	-	n/a	49.3	-
12:25 AM - 12:30 AM	50.9	52.1	-	n/a	50.1	-
12:30 AM - 12:35 AM	50.0	51.9	-	n/a	48.9	-
12:35 AM - 12:40 AM	50.3	52.1	-	n/a	49.2	-
12:40 AM - 12:45 AM	50.1	51.5	-	n/a	48.5	-
12:45 AM - 12:50 AM	50.4	52.0	-	n/a	47.3	-
12:50 AM - 12:55 AM	51.2	49.5	-	49.3	46.0	3.3
12:55 AM - 01:00 AM	50.9	50.9	-	n/a	48.3	-
01:00 AM - 01:05 AM	50.5	51.6	-	n/a	49.1	-
01:05 AM - 01:10 AM	50.0	51.8	-	n/a	48.9	-
01:10 AM - 01:15 AM	49.8	52.3	-	n/a	47.9	-
01:15 AM - 01:20 AM	48.5	50.7	-	n/a	47.3	-
01:20 AM - 01:25 AM	60.9	59.4	-	58.6	48.4	10.2
01:25 AM - 01:30 AM	49.7	49.7	-	n/a	46.5	-
01:30 AM - 01:35 AM	48.6	52.4	-	n/a	49.7	-
01:35 AM - 01:40 AM	47.6	52.5	-	n/a	50.4	-
01:40 AM - 01:45 AM	50.4	53.5	-	n/a	51.0	-
01:45 AM - 01:50 AM	50.1	54.5	-	n/a	51.7	-
01:50 AM - 01:55 AM	49.5	55.2	-	n/a	51.1	-
01:55 AM - 02:00 AM	48.6	53.1	-	n/a	48.9	-
02:00 AM - 02:05 AM	48.3	52.4	-	n/a	49.1	-
02:05 AM - 02:10 AM	50.5	52.2	-	n/a	49.7	-
02:10 AM - 02:15 AM	49.0	52.5	-	n/a	49.0	-
02:15 AM - 02:20 AM	49.2	52.1	-	n/a	49.1	-
02:20 AM - 02:25 AM	49.0	53.3	-	n/a	49.8	-
02:25 AM - 02:30 AM	48.0	53.1	-	n/a	50.0	-
02:30 AM - 02:35 AM	48.9	53.8	-	n/a	50.1	-
02:35 AM - 02:40 AM	49.2	53.3	-	n/a	49.7	-
02:40 AM - 02:45 AM	47.6	54.9	-	n/a	51.5	-
02:45 AM - 02:50 AM	47.5	54.4	-	n/a	50.6	-
02:50 AM - 02:55 AM	47.3	53.3	-	n/a	49.9	-
02:55 AM - 03:00 AM	47.8	56.3	-	n/a	51.5	-
03:00 AM - 03:05 AM	47.6	52.3	-	n/a	49.1	-
03:05 AM - 03:10 AM	47.4	51.9	-	n/a	49.5	-
03:10 AM - 03:15 AM	47.4	51.7	-	n/a	49.2	-
03:15 AM - 03:20 AM	47.7	51.9	-	n/a	49.1	-
03:20 AM - 03:25 AM	51.5	53.6	-	n/a	48.1	-
03:25 AM - 03:30 AM	47.7	52.4	-	n/a	49.3	-

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494231
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report Number : 3107791-1

Page 3 of 3

Sample No. 2494231-11
Parameter เสียงรบกวน
Location โรงเรียนอนุบาลพื้นที่กว้าง (GPS 47P 0722987, 1616402)
Measurement Date Aug 26 - Aug 27, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 01022261

ระดับเสียง (dB(A))						
เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีกิจกรรม	เสียงขณะมีกิจกรรม		เสียงพื้นฐาน	ค่าระดับการรบกวน
			กลางวัน	กลางคืน		
03:30 AM - 03:35 AM	46.9	52.4	-	n/a	49.7	-
03:35 AM - 03:40 AM	46.3	51.3	-	n/a	47.9	-
03:40 AM - 03:45 AM	48.7	52.3	-	n/a	48.4	-
03:45 AM - 03:50 AM	50.7	53.5	-	n/a	50.7	-
03:50 AM - 03:55 AM	46.9	52.1	-	n/a	49.8	-
03:55 AM - 04:00 AM	46.7	53.8	-	n/a	51.0	-
04:00 AM - 04:05 AM	46.5	53.8	-	n/a	51.0	-
04:05 AM - 04:10 AM	45.8	54.8	-	n/a	52.0	-
04:10 AM - 04:15 AM	45.9	53.5	-	n/a	51.3	-
04:15 AM - 04:20 AM	49.0	52.5	-	n/a	50.7	-
04:20 AM - 04:25 AM	47.1	51.4	-	n/a	49.1	-
04:25 AM - 04:30 AM	45.8	54.9	-	n/a	48.9	-
04:30 AM - 04:35 AM	47.1	58.8	-	n/a	50.7	-
04:35 AM - 04:40 AM	48.7	61.4	-	n/a	56.7	-
04:40 AM - 04:45 AM	48.4	61.9	-	n/a	58.1	-
04:45 AM - 04:50 AM	46.3	61.2	-	n/a	57.6	-
04:50 AM - 04:55 AM	45.7	61.7	-	n/a	58.4	-
04:55 AM - 05:00 AM	45.5	61.9	-	n/a	58.4	-
05:00 AM - 05:05 AM	48.1	61.6	-	n/a	58.0	-
05:05 AM - 05:10 AM	54.4	61.3	-	n/a	57.5	-
05:10 AM - 05:15 AM	48.4	61.0	-	n/a	56.5	-
05:15 AM - 05:20 AM	59.9	59.6	-	51.1	54.8	-3.7
05:20 AM - 05:25 AM	46.8	54.2	-	n/a	50.6	-
05:25 AM - 05:30 AM	47.1	54.9	-	n/a	51.8	-
05:30 AM - 05:35 AM	46.4	54.6	-	n/a	51.1	-
05:35 AM - 05:40 AM	46.3	54.9	-	n/a	52.2	-
05:40 AM - 05:45 AM	49.3	55.1	-	n/a	51.5	-
05:45 AM - 05:50 AM	51.3	55.0	-	n/a	51.7	-
05:50 AM - 05:55 AM	52.1	56.4	-	n/a	53.1	-
05:55 AM - 06:00 AM	52.8	56.0	-	n/a	52.4	-
06:00 AM - 07:00 AM	52.0	56.9	n/a	-	53.5	-
07:00 AM - 08:00 AM	50.4	58.5	n/a	-	55.4	-
ค่ามาตรฐาน						≤ 10

Reference Method :

- In-house method : STM 06-001 based on ISO 1996-1 : 2016
- ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วัฏจักรตรวจวัดระดับเสียงการรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2567

มาตรฐาน

- ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
- ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานเฉลี่ยทางเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561

Remark:

- ระดับเสียงจากแหล่งกำเนิด ทำการตรวจวัด วันที่ 26-27 สิงหาคม 2567
- ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีกิจกรรม (Sample No.2494233-25 วันที่ตรวจวัด 26-27 สิงหาคม 2567)
- n/a: ไม่สามารถคำนวณระดับเสียงขณะมีกิจกรรมเนื่องจากระดับเสียงจากแหล่งกำเนิดน้อยกว่าระดับเสียงขณะไม่มีกิจกรรม

This document has been audited by the independent auditors (S) as evidenced on this report. The report has been prepared in accordance with the requirements of the Laboratory's Quality Management System (QMS) and is subject to the Laboratory's Quality Management System (QMS) and is subject to the Laboratory's Quality Management System (QMS).

Approved by

ADDRESS 104 Phatthanakan 40, Phatthanakan Rd., Khwaeng Phatthanakan, Khet Suan Luang, Bangkok 10250 Thailand TEL: +66 0 2760 3000 FAX: +66 0 2760 3197
E-MAIL: info@alsglobal.com

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494231
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report Number : 3107792-1

Page 1 of 3

Sample No. 2494231-12
Parameter เสียงรบกวน
Location โรงเรียนอนุบาลพื้นที่กว้าง (GPS 47P 0722987, 1616402)
Measurement Date Aug 27 - Aug 28, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 01022261

ระดับเสียง (dB(A))						
เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีกิจกรรม	เสียงขณะมีกิจกรรม		เสียงพื้นฐาน	ค่าระดับการรบกวน
			กลางวัน	กลางคืน		
08:00 AM - 09:00 AM	49.2	58.8	n/a	-	54.5	-
09:00 AM - 10:00 AM	50.3	59.3	n/a	-	54.5	-
10:00 AM - 11:00 AM	49.9	57.8	n/a	-	53.6	-
11:00 AM - 12:00 PM	48.8	54.5	n/a	-	52.5	-
12:00 PM - 01:00 PM	49.4	54.4	n/a	-	52.2	-
01:00 PM - 02:00 PM	50.0	54.8	n/a	-	52.8	-
02:00 PM - 03:00 PM	50.4	58.3	n/a	-	53.2	-
03:00 PM - 04:00 PM	49.6	59.8	n/a	-	53.6	-
04:00 PM - 05:00 PM	52.6	57.4	n/a	-	54.2	-
05:00 PM - 06:00 PM	50.9	59.5	n/a	-	54.2	-
06:00 PM - 07:00 PM	49.4	59.7	n/a	-	55.3	-
07:00 PM - 08:00 PM	53.2	57.8	n/a	-	54.9	-
08:00 PM - 09:00 PM	53.1	55.0	n/a	-	53.0	-
09:00 PM - 10:00 PM	52.4	57.2	n/a	-	54.9	-
10:00 PM - 10:05 PM	53.1	57.0	-	n/a	55.4	-
10:05 PM - 10:10 PM	51.7	55.9	-	n/a	53.4	-
10:10 PM - 10:15 PM	52.5	56.4	-	n/a	54.7	-
10:15 PM - 10:20 PM	51.6	56.1	-	n/a	54.4	-
10:20 PM - 10:25 PM	52.2	58.0	-	n/a	54.9	-
10:25 PM - 10:30 PM	52.0	56.5	-	n/a	54.9	-
10:30 PM - 10:35 PM	51.6	57.2	-	n/a	54.6	-
10:35 PM - 10:40 PM	50.9	55.4	-	n/a	53.5	-
10:40 PM - 10:45 PM	51.3	54.2	-	n/a	52.2	-
10:45 PM - 10:50 PM	51.7	55.1	-	n/a	53.2	-
10:50 PM - 10:55 PM	53.0	54.7	-	n/a	52.3	-
10:55 PM - 11:00 PM	52.1	55.5	-	n/a	53.5	-
11:00 PM - 11:05 PM	52.2	54.1	-	n/a	51.8	-
11:05 PM - 11:10 PM	55.0	55.6	-	n/a	52.8	-
11:10 PM - 11:15 PM	50.4	54.7	-	n/a	52.0	-
11:15 PM - 11:20 PM	51.2	54.7	-	n/a	51.8	-
11:20 PM - 11:25 PM	50.4	55.9	-	n/a	51.7	-
11:25 PM - 11:30 PM	50.1	54.5	-	n/a	52.2	-
11:30 PM - 11:35 PM	51.0	54.2	-	n/a	50.5	-
11:35 PM - 11:40 PM	49.9	55.4	-	n/a	53.6	-
11:40 PM - 11:45 PM	49.9	56.8	-	n/a	53.3	-
11:45 PM - 11:50 PM	50.5	55.0	-	n/a	53.1	-
11:50 PM - 11:55 PM	49.5	56.6	-	n/a	52.8	-
11:55 PM - 12:00 AM	49.7	53.8	-	n/a	51.3	-
12:00 AM - 12:05 AM	50.2	52.7	-	n/a	50.4	-
12:05 AM - 12:10 AM	49.7	53.6	-	n/a	50.3	-

This document has been audited by the independent auditors (S) as evidenced on this report. The report has been prepared in accordance with the requirements of the Laboratory's Quality Management System (QMS) and is subject to the Laboratory's Quality Management System (QMS).

Approved by

ADDRESS 104 Phatthanakan 40, Phatthanakan Rd., Khwaeng Phatthanakan, Khet Suan Luang, Bangkok 10250 Thailand TEL: +66 0 2760 3000 FAX: +66 0 2760 3197
E-MAIL: info@alsglobal.com

Life Sciences

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RIGHT SOLUTIONS FOR YOUR BUSINESS



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

Lot ID: 2494231
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report Number : 3107792-1

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Page 2 of 3

Sample No. 2494231-12
Parameter เสียงรบกวน
Location โรงเรียนอบนาคพันทาง (GPS 47P 0722987, 1616402)
Measurement Date Aug 27 - Aug 28, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 01022261

ระดับเสียง (dB(A))						
เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	เสียงขณะมีการรบกวน		เสียงพื้นฐาน	ค่าระดับการรบกวน
			กลางวัน	กลางคืน		
12:10 AM - 12:15 AM	49.7	54.1	-	n/a	51.8	-
12:15 AM - 12:20 AM	48.9	54.4	-	n/a	52.5	-
12:20 AM - 12:25 AM	49.3	54.7	-	n/a	52.0	-
12:25 AM - 12:30 AM	48.6	54.6	-	n/a	52.0	-
12:30 AM - 12:35 AM	47.6	53.2	-	n/a	51.6	-
12:35 AM - 12:40 AM	48.2	52.8	-	n/a	49.8	-
12:40 AM - 12:45 AM	48.4	52.9	-	n/a	50.3	-
12:45 AM - 12:50 AM	51.5	52.1	-	n/a	49.5	-
12:50 AM - 12:55 AM	50.5	52.4	-	n/a	49.3	-
12:55 AM - 01:00 AM	48.0	51.8	-	n/a	48.4	-
01:00 AM - 01:05 AM	47.0	53.3	-	n/a	49.7	-
01:05 AM - 01:10 AM	46.0	50.9	-	n/a	48.0	-
01:10 AM - 01:15 AM	46.1	50.5	-	n/a	48.2	-
01:15 AM - 01:20 AM	61.3	59.6	-	59.4	46.6	12.8
01:20 AM - 01:25 AM	48.2	56.1	-	n/a	49.4	-
01:25 AM - 01:30 AM	50.9	55.9	-	n/a	54.2	-
01:30 AM - 01:35 AM	51.1	55.2	-	n/a	53.3	-
01:35 AM - 01:40 AM	44.8	51.9	-	n/a	49.5	-
01:40 AM - 01:45 AM	61.8	55.9	-	67.2	49.5	17.7
01:45 AM - 01:50 AM	65.6	56.6	-	68.0	54.2	13.8
01:50 AM - 01:55 AM	59.0	58.7	-	50.2	54.3	-4.1
01:55 AM - 02:00 AM	55.8	55.8	-	n/a	53.4	-
02:00 AM - 02:05 AM	48.2	58.2	-	n/a	53.7	-
02:05 AM - 02:10 AM	49.2	54.0	-	n/a	51.9	-
02:10 AM - 02:15 AM	48.4	52.9	-	n/a	50.6	-
02:15 AM - 02:20 AM	48.0	53.1	-	n/a	49.9	-
02:20 AM - 02:25 AM	48.2	52.4	-	n/a	49.4	-
02:25 AM - 02:30 AM	59.4	53.4	-	61.1	50.1	11.0
02:30 AM - 02:35 AM	48.2	53.3	-	n/a	51.1	-
02:35 AM - 02:40 AM	49.9	53.3	-	n/a	50.1	-
02:40 AM - 02:45 AM	48.4	51.6	-	n/a	49.3	-
02:45 AM - 02:50 AM	48.9	52.1	-	n/a	49.1	-
02:50 AM - 02:55 AM	48.7	52.4	-	n/a	48.9	-
02:55 AM - 03:00 AM	47.5	50.9	-	n/a	48.5	-
03:00 AM - 03:05 AM	47.9	51.8	-	n/a	48.4	-
03:05 AM - 03:10 AM	48.2	50.6	-	n/a	48.2	-
03:10 AM - 03:15 AM	51.6	53.7	-	n/a	48.3	-
03:15 AM - 03:20 AM	47.5	49.7	-	n/a	46.9	-
03:20 AM - 03:25 AM	47.5	50.3	-	n/a	47.3	-
03:25 AM - 03:30 AM	46.6	49.7	-	n/a	46.5	-

The above results are valid only for the analyzed 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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ADDRESS 104 Phatthanakan 40, Phatthanakan Rd., Khwaeng Phatthanakan, Khet Suan Luang, Bangkok 10250 Thailand TEL: +66 0 2760 3000 FAX: +66 0 2760 3197

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

Lot ID: 2494231
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report Number : 3107792-1

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Page 3 of 3

Sample No. 2494231-12
Parameter เสียงรบกวน
Location โรงเรียนอบนาคพันทาง (GPS 47P 0722987, 1616402)
Measurement Date Aug 27 - Aug 28, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 01022261

ระดับเสียง (dB(A))						
เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	เสียงขณะมีการรบกวน		เสียงพื้นฐาน	ค่าระดับการรบกวน
			กลางวัน	กลางคืน		
03:30 AM - 03:35 AM	45.9	49.8	-	n/a	47.2	-
03:35 AM - 03:40 AM	47.8	51.4	-	n/a	47.5	-
03:40 AM - 03:45 AM	46.3	51.1	-	n/a	46.4	-
03:45 AM - 03:50 AM	46.4	49.3	-	n/a	46.9	-
03:50 AM - 03:55 AM	45.9	49.2	-	n/a	46.5	-
03:55 AM - 04:00 AM	46.2	49.7	-	n/a	46.2	-
04:00 AM - 04:05 AM	46.3	49.3	-	n/a	45.4	-
04:05 AM - 04:10 AM	55.3	50.2	-	56.7	47.7	9.0
04:10 AM - 04:15 AM	46.5	52.3	-	n/a	47.6	-
04:15 AM - 04:20 AM	46.4	50.9	-	n/a	47.3	-
04:20 AM - 04:25 AM	48.8	50.6	-	n/a	47.5	-
04:25 AM - 04:30 AM	49.6	49.8	-	n/a	46.7	-
04:30 AM - 04:35 AM	50.3	55.8	-	n/a	53.2	-
04:35 AM - 04:40 AM	50.8	54.2	-	n/a	52.4	-
04:40 AM - 04:45 AM	50.5	54.1	-	n/a	52.6	-
04:45 AM - 04:50 AM	51.3	54.1	-	n/a	52.5	-
04:50 AM - 04:55 AM	51.7	55.1	-	n/a	51.9	-
04:55 AM - 05:00 AM	51.3	55.3	-	n/a	52.2	-
05:00 AM - 05:05 AM	55.5	55.5	-	n/a	53.0	-
05:05 AM - 05:10 AM	52.1	55.5	-	n/a	53.9	-
05:10 AM - 05:15 AM	52.7	56.9	-	n/a	54.5	-
05:15 AM - 05:20 AM	52.8	60.9	-	n/a	57.1	-
05:20 AM - 05:25 AM	52.9	56.9	-	n/a	53.1	-
05:25 AM - 05:30 AM	52.5	54.0	-	n/a	49.4	-
05:30 AM - 05:35 AM	53.4	52.5	-	49.1	50.0	-0.9
05:35 AM - 05:40 AM	52.3	51.7	-	46.4	48.6	-2.2
05:40 AM - 05:45 AM	52.7	52.4	-	43.9	49.8	-5.9
05:45 AM - 05:50 AM	50.1	52.0	-	n/a	49.8	-
05:50 AM - 05:55 AM	51.8	53.5	-	n/a	51.8	-
05:55 AM - 06:00 AM	51.9	55.2	-	n/a	53.1	-
06:00 AM - 07:00 AM	53.7	54.1	n/a	-	50.6	-
07:00 AM - 08:00 AM	52.4	58.9	n/a	-	53.7	-

ค่ามาตรฐาน

Reference Method :

- In-house method : STM 06-001 based on ISO 1996-1 : 2016
- ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงการรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2567

มาตรฐาน

- ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
- ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานมลพิษทางเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561

Remark:

- ระดับเสียงจากแหล่งกำเนิด จากการตรวจวัด วันที่ 27-28 สิงหาคม 2567
- ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No.2494233-26 วันที่ตรวจวัด 27-28 สิงหาคม 2567)
- n/a: ไม่สามารถคำนวณระดับเสียงขณะมีการรบกวนเนื่องจากระดับเสียงจากแหล่งกำเนิดต่ำกว่าระดับเสียงขณะไม่มีการรบกวน

The above results are valid only for the analyzed 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

ADDRESS 104 Phatthanakan 40, Phatthanakan Rd., Khwaeng Phatthanakan, Khet Suan Luang, Bangkok 10250 Thailand TEL: +66 0 2760 3000 FAX: +66 0 2760 3197

Life Sciences

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494231
Date Received :Sep 04, 2024
Date Reported :Sep 11, 2024
Report Number : 3107793-1

Page 1 of 3

Sample No. 2494231-13
Parameter เสียงรบกวน
Location โรงเรียนอบบดหินขาว (GPS 47P 0722987, 1616402)
Measurement Date Aug 28 - Aug 29, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 01022261

ระดับเสียง (dB(A))						
เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีกิจกรรม	เสียงขณะมีการรบกวน		เสียงพื้นฐาน	ค่าระดับการรบกวน
			กลางวัน	กลางคืน		
08:00 AM - 09:00 AM	49.1	60.1	n/a	-	53.8	-
09:00 AM - 10:00 AM	49.5	57.2	n/a	-	54.7	-
10:00 AM - 11:00 AM	47.5	60.9	n/a	-	55.3	-
11:00 AM - 12:00 PM	49.1	57.1	n/a	-	53.2	-
12:00 PM - 01:00 PM	49.2	54.5	n/a	-	51.7	-
01:00 PM - 02:00 PM	48.9	55.6	n/a	-	52.0	-
02:00 PM - 03:00 PM	52.6	57.3	n/a	-	53.2	-
03:00 PM - 04:00 PM	49.0	57.3	n/a	-	53.6	-
04:00 PM - 05:00 PM	50.9	60.5	n/a	-	55.6	-
05:00 PM - 06:00 PM	51.5	57.6	n/a	-	54.8	-
06:00 PM - 07:00 PM	56.6	55.1	51.3	-	53.0	-1.7
07:00 PM - 08:00 PM	56.0	55.8	42.5	-	53.8	-11.3
08:00 PM - 09:00 PM	55.2	56.9	n/a	-	55.6	-
09:00 PM - 10:00 PM	54.5	54.9	n/a	-	52.3	-
10:00 PM - 10:05 PM	52.6	59.8	-	n/a	57.9	-
10:05 PM - 10:10 PM	51.6	59.5	-	n/a	55.2	-
10:10 PM - 10:15 PM	52.4	57.9	-	n/a	55.5	-
10:15 PM - 10:20 PM	51.7	57.4	-	n/a	54.9	-
10:20 PM - 10:25 PM	51.9	54.5	-	n/a	52.2	-
10:25 PM - 10:30 PM	49.7	53.8	-	n/a	52.2	-
10:30 PM - 10:35 PM	49.0	53.5	-	n/a	50.9	-
10:35 PM - 10:40 PM	50.1	53.0	-	n/a	50.5	-
10:40 PM - 10:45 PM	50.3	53.4	-	n/a	51.4	-
10:45 PM - 10:50 PM	50.2	53.9	-	n/a	51.8	-
10:50 PM - 10:55 PM	50.4	53.8	-	n/a	52.1	-
10:55 PM - 11:00 PM	51.0	53.5	-	n/a	51.4	-
11:00 PM - 11:05 PM	53.0	53.6	-	n/a	51.4	-
11:05 PM - 11:10 PM	51.2	54.1	-	n/a	52.2	-
11:10 PM - 11:15 PM	50.6	53.4	-	n/a	51.8	-
11:15 PM - 11:20 PM	51.1	52.9	-	n/a	51.1	-
11:20 PM - 11:25 PM	51.2	53.5	-	n/a	51.2	-
11:25 PM - 11:30 PM	51.5	53.5	-	n/a	51.5	-
11:30 PM - 11:35 PM	51.6	53.3	-	n/a	50.8	-
11:35 PM - 11:40 PM	53.3	52.8	-	46.7	50.7	-4.0
11:40 PM - 11:45 PM	53.6	52.8	-	48.9	48.6	0.3
11:45 PM - 11:50 PM	53.3	52.9	-	45.7	50.9	-5.2
11:50 PM - 11:55 PM	52.7	52.8	-	n/a	51.2	-
11:55 PM - 12:00 AM	50.8	52.6	-	n/a	50.7	-
12:00 AM - 12:05 AM	51.2	53.9	-	n/a	51.8	-
12:05 AM - 12:10 AM	50.2	52.9	-	n/a	51.1	-

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494231
Date Received :Sep 04, 2024
Date Reported :Sep 11, 2024
Report Number : 3107793-1

Page 2 of 3

Sample No. 2494231-13
Parameter เสียงรบกวน
Location โรงเรียนอบบดหินขาว (GPS 47P 0722987, 1616402)
Measurement Date Aug 28 - Aug 29, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 01022261

ระดับเสียง (dB(A))						
เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีกิจกรรม	เสียงขณะมีการรบกวน		เสียงพื้นฐาน	ค่าระดับการรบกวน
			กลางวัน	กลางคืน		
12:10 AM - 12:15 AM	50.7	53.2	-	n/a	50.9	-
12:15 AM - 12:20 AM	50.0	53.4	-	n/a	51.1	-
12:20 AM - 12:25 AM	50.3	53.3	-	n/a	50.4	-
12:25 AM - 12:30 AM	51.0	53.9	-	n/a	50.5	-
12:30 AM - 12:35 AM	50.7	53.3	-	n/a	51.2	-
12:35 AM - 12:40 AM	51.7	53.7	-	n/a	51.2	-
12:40 AM - 12:45 AM	51.5	52.2	-	n/a	48.7	-
12:45 AM - 12:50 AM	51.3	52.0	-	n/a	49.1	-
12:50 AM - 12:55 AM	50.8	50.9	-	n/a	47.8	-
12:55 AM - 01:00 AM	50.5	50.5	-	n/a	46.9	-
01:00 AM - 01:05 AM	50.3	50.3	-	n/a	47.4	-
01:05 AM - 01:10 AM	50.1	52.0	-	n/a	47.5	-
01:10 AM - 01:15 AM	49.0	51.3	-	n/a	47.2	-
01:15 AM - 01:20 AM	53.5	50.9	-	53.0	47.6	5.4
01:20 AM - 01:25 AM	49.5	52.4	-	n/a	47.8	-
01:25 AM - 01:30 AM	50.0	51.6	-	n/a	48.1	-
01:30 AM - 01:35 AM	48.9	51.0	-	n/a	48.1	-
01:35 AM - 01:40 AM	50.6	50.6	-	n/a	47.3	-
01:40 AM - 01:45 AM	51.4	50.3	-	47.9	45.6	2.3
01:45 AM - 01:50 AM	51.5	50.8	-	46.2	47.3	-1.1
01:50 AM - 01:55 AM	51.9	49.9	-	50.6	46.6	4.0
01:55 AM - 02:00 AM	49.0	49.6	-	n/a	46.4	-
02:00 AM - 02:05 AM	50.2	49.7	-	43.6	47.2	-3.6
02:05 AM - 02:10 AM	51.8	51.1	-	n/a	47.9	-
02:10 AM - 02:15 AM	48.2	51.2	-	n/a	46.8	-
02:15 AM - 02:20 AM	49.5	52.0	-	n/a	48.7	-
02:20 AM - 02:25 AM	50.8	50.2	-	44.9	45.8	-0.9
02:25 AM - 02:30 AM	51.6	50.5	-	48.1	47.7	0.4
02:30 AM - 02:35 AM	49.8	50.1	-	n/a	45.8	-
02:35 AM - 02:40 AM	49.7	48.9	-	45.0	45.2	-0.2
02:40 AM - 02:45 AM	49.8	52.6	-	n/a	48.0	-
02:45 AM - 02:50 AM	48.3	49.7	-	n/a	47.2	-
02:50 AM - 02:55 AM	50.0	52.9	-	n/a	49.2	-
02:55 AM - 03:00 AM	48.9	50.4	-	n/a	47.5	-
03:00 AM - 03:05 AM	48.6	50.0	-	n/a	46.4	-
03:05 AM - 03:10 AM	48.4	49.7	-	n/a	47.2	-
03:10 AM - 03:15 AM	51.9	52.6	-	n/a	48.4	-
03:15 AM - 03:20 AM	48.2	50.2	-	n/a	46.8	-
03:20 AM - 03:25 AM	47.7	51.8	-	n/a	49.2	-
03:25 AM - 03:30 AM	47.3	52.8	-	n/a	48.6	-

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494231
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report Number : 3107793-1

Page 3 of 3

Sample No. 2494231-13
Parameter เสียงรบกวน
Location โรงเรียนอนาลพันทกวาง (GPS 47P 0722987, 1616402)
Measurement Date Aug 28 - Aug 29, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 01022261

ระดับเสียง (dB(A))						
เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	เสียงขณะมีการรบกวน		เสียงพื้นฐาน	ค่าระดับการรบกวน
			กลางวัน	กลางคืน		
03:30 AM - 03:35 AM	47.0	50.1	-	n/a	47.4	-
03:35 AM - 03:40 AM	47.2	49.3	-	n/a	47.1	-
03:40 AM - 03:45 AM	48.3	50.2	-	n/a	47.5	-
03:45 AM - 03:50 AM	48.2	50.1	-	n/a	47.7	-
03:50 AM - 03:55 AM	47.7	50.5	-	n/a	48.6	-
03:55 AM - 04:00 AM	48.2	51.4	-	n/a	48.8	-
04:00 AM - 04:05 AM	47.7	50.8	-	n/a	49.2	-
04:05 AM - 04:10 AM	52.4	50.2	-	51.4	47.8	3.6
04:10 AM - 04:15 AM	47.1	50.9	-	n/a	49.0	-
04:15 AM - 04:20 AM	48.9	54.1	-	n/a	49.3	-
04:20 AM - 04:25 AM	47.2	50.9	-	n/a	49.3	-
04:25 AM - 04:30 AM	49.6	51.1	-	n/a	48.1	-
04:30 AM - 04:35 AM	46.8	56.5	-	n/a	48.4	-
04:35 AM - 04:40 AM	47.2	60.5	-	n/a	56.2	-
04:40 AM - 04:45 AM	47.5	60.4	-	n/a	56.9	-
04:45 AM - 04:50 AM	47.6	60.8	-	n/a	57.5	-
04:50 AM - 04:55 AM	47.7	61.1	-	n/a	58.4	-
04:55 AM - 05:00 AM	48.0	61.6	-	n/a	58.7	-
05:00 AM - 05:05 AM	55.9	62.1	-	n/a	58.6	-
05:05 AM - 05:10 AM	49.1	62.0	-	n/a	57.2	-
05:10 AM - 05:15 AM	50.7	61.7	-	n/a	58.1	-
05:15 AM - 05:20 AM	51.7	59.4	-	n/a	55.2	-
05:20 AM - 05:25 AM	50.4	56.3	-	n/a	51.9	-
05:25 AM - 05:30 AM	52.6	52.6	-	n/a	50.9	-
05:30 AM - 05:35 AM	52.8	53.6	-	n/a	50.8	-
05:35 AM - 05:40 AM	53.5	53.3	-	43.0	50.9	-7.9
05:40 AM - 05:45 AM	54.1	54.3	-	n/a	51.8	-
05:45 AM - 05:50 AM	54.3	53.6	-	49.0	51.2	-2.2
05:50 AM - 05:55 AM	55.5	54.8	-	50.2	50.9	-0.7
05:55 AM - 06:00 AM	55.0	54.9	-	41.6	51.9	-10.3
06:00 AM - 07:00 AM	54.9	55.7	n/a	-	52.7	-
07:00 AM - 08:00 AM	53.3	59.0	n/a	-	54.6	-

ตามมาตรฐาน

Reference Method :

- In-house method : STM 06-001 based on ISO 1996-1 : 2016
- ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงการรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2567

มาตรฐาน

- ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
- ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานเสียงทางเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561

Remark:

- ระดับเสียงจากแหล่งกำเนิด หากตรวจวัด วันที่ 28-29 สิงหาคม 2567
- ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No 2494233-27 วันที่ตรวจวัด 28-29 สิงหาคม 2567)
- n/a: ไม่สามารถคำนวณระดับเสียงขณะมีการรบกวนเนื่องจากระดับเสียงจากแหล่งกำเนิดน้อยกว่าระดับเสียงขณะไม่มีการรบกวน

The above report is valid only for the analysis/checked sample(s) as indicated in this report. No part of this report or certificate may be reproduced or used in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) ขอสงวนสิทธิ์ในผลวิเคราะห์ที่ปรากฏในรายงานนี้

Approved by

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494231
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report Number : 3107794-1

Page 1 of 3

Sample No. 2494231-14
Parameter เสียงรบกวน
Location โรงเรียนอนาลพันทกวาง (GPS 47P 0722987, 1616402)
Measurement Date Aug 29 - Aug 30, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 01022261

ระดับเสียง (dB(A))						
เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	เสียงขณะมีการรบกวน		เสียงพื้นฐาน	ค่าระดับการรบกวน
			กลางวัน	กลางคืน		
08:00 AM - 09:00 AM	52.3	58.9	n/a	-	53.8	-
09:00 AM - 10:00 AM	52.2	60.0	n/a	-	54.7	-
10:00 AM - 11:00 AM	52.3	57.5	n/a	-	55.3	-
11:00 AM - 12:00 PM	50.6	59.8	n/a	-	53.2	-
12:00 PM - 01:00 PM	49.9	56.5	n/a	-	51.7	-
01:00 PM - 02:00 PM	56.9	57.9	n/a	-	52.0	-
02:00 PM - 03:00 PM	54.8	58.7	n/a	-	53.2	-
03:00 PM - 04:00 PM	54.1	61.2	n/a	-	53.6	-
04:00 PM - 05:00 PM	52.8	61.0	n/a	-	55.6	-
05:00 PM - 06:00 PM	51.9	58.3	n/a	-	54.8	-
06:00 PM - 07:00 PM	53.1	55.5	n/a	-	53.0	-
07:00 PM - 08:00 PM	55.3	54.0	49.4	-	53.8	-4.4
08:00 PM - 09:00 PM	53.4	54.0	n/a	-	55.6	-
09:00 PM - 10:00 PM	52.5	52.8	n/a	-	52.3	-
10:00 PM - 10:05 PM	52.5	52.0	-	45.9	57.9	-12.0
10:05 PM - 10:10 PM	52.2	52.5	-	n/a	55.2	-
10:10 PM - 10:15 PM	52.1	51.1	-	48.2	55.5	-7.3
10:15 PM - 10:20 PM	53.0	52.6	-	45.4	54.9	-9.5
10:20 PM - 10:25 PM	52.6	56.1	-	n/a	52.2	-
10:25 PM - 10:30 PM	52.0	57.4	-	n/a	52.2	-
10:30 PM - 10:35 PM	51.4	56.8	-	n/a	50.9	-
10:35 PM - 10:40 PM	51.6	57.2	-	n/a	50.5	-
10:40 PM - 10:45 PM	51.0	59.6	-	n/a	51.4	-
10:45 PM - 10:50 PM	51.5	59.4	-	n/a	51.8	-
10:50 PM - 10:55 PM	52.1	63.9	-	n/a	52.1	-
10:55 PM - 11:00 PM	52.2	64.3	-	n/a	51.4	-
11:00 PM - 11:05 PM	54.8	62.4	-	n/a	51.4	-
11:05 PM - 11:10 PM	52.0	60.1	-	n/a	52.2	-
11:10 PM - 11:15 PM	51.4	61.6	-	n/a	51.8	-
11:15 PM - 11:20 PM	52.1	67.8	-	n/a	51.1	-
11:20 PM - 11:25 PM	52.2	57.3	-	n/a	51.2	-
11:25 PM - 11:30 PM	52.4	55.7	-	n/a	51.5	-
11:30 PM - 11:35 PM	52.5	55.6	-	n/a	50.8	-
11:35 PM - 11:40 PM	52.3	56.6	-	n/a	50.7	-
11:40 PM - 11:45 PM	52.6	57.2	-	n/a	48.6	-
11:45 PM - 11:50 PM	52.5	59.6	-	n/a	50.9	-
11:50 PM - 11:55 PM	52.5	57.0	-	n/a	51.2	-
11:55 PM - 12:00 AM	53.0	57.0	-	n/a	50.7	-
12:00 AM - 12:05 AM	52.5	59.7	-	n/a	51.8	-
12:05 AM - 12:10 AM	52.0	58.8	-	n/a	51.1	-

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494231
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report Number : 3107794-1

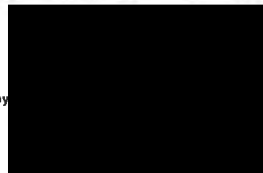
Page 2 of 3

Sample No. 2494231-14
Parameter เสียงรบกวน
Location โรงเรือนอนุบาลห่านทาง (GPS 47P 0722987, 1616402)
Measurement Date Aug 29 - Aug 30, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 01022261

ระดับเสียง (dB(A))						
เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีกิจกรรม	เสียงขณะมีกิจกรรม		เสียงพื้นฐาน	ค่าระดับการรบกวน
			กลางวัน	กลางคืน		
12:10 AM - 12:15 AM	50.6	58.3	-	n/a	50.9	-
12:15 AM - 12:20 AM	51.0	55.8	-	n/a	51.1	-
12:20 AM - 12:25 AM	50.5	55.2	-	n/a	50.4	-
12:25 AM - 12:30 AM	52.0	55.9	-	n/a	50.5	-
12:30 AM - 12:35 AM	51.1	57.6	-	n/a	51.2	-
12:35 AM - 12:40 AM	50.4	54.9	-	n/a	51.2	-
12:40 AM - 12:45 AM	50.6	58.3	-	n/a	48.7	-
12:45 AM - 12:50 AM	50.5	58.9	-	n/a	49.1	-
12:50 AM - 12:55 AM	51.5	56.8	-	n/a	47.8	-
12:55 AM - 01:00 AM	50.5	55.8	-	n/a	46.9	-
01:00 AM - 01:05 AM	51.3	57.6	-	n/a	47.4	-
01:05 AM - 01:10 AM	51.2	54.7	-	n/a	47.5	-
01:10 AM - 01:15 AM	50.0	54.6	-	n/a	47.2	-
01:15 AM - 01:20 AM	50.3	54.7	-	n/a	47.6	-
01:20 AM - 01:25 AM	63.2	56.6	-	65.1	47.8	17.3
01:25 AM - 01:30 AM	51.1	54.6	-	n/a	48.1	-
01:30 AM - 01:35 AM	50.6	55.8	-	n/a	48.1	-
01:35 AM - 01:40 AM	50.2	56.9	-	n/a	47.3	-
01:40 AM - 01:45 AM	50.4	56.0	-	n/a	45.6	-
01:45 AM - 01:50 AM	50.4	55.5	-	n/a	47.3	-
01:50 AM - 01:55 AM	50.3	56.3	-	n/a	46.6	-
01:55 AM - 02:00 AM	49.4	54.3	-	n/a	46.4	-
02:00 AM - 02:05 AM	49.5	56.1	-	n/a	47.2	-
02:05 AM - 02:10 AM	49.9	54.7	-	n/a	47.9	-
02:10 AM - 02:15 AM	50.6	56.0	-	n/a	46.8	-
02:15 AM - 02:20 AM	49.0	57.4	-	n/a	48.7	-
02:20 AM - 02:25 AM	49.0	56.0	-	n/a	45.8	-
02:25 AM - 02:30 AM	49.1	54.5	-	n/a	47.7	-
02:30 AM - 02:35 AM	48.8	56.0	-	n/a	45.8	-
02:35 AM - 02:40 AM	49.7	56.8	-	n/a	45.2	-
02:40 AM - 02:45 AM	49.0	56.1	-	n/a	48.0	-
02:45 AM - 02:50 AM	48.9	57.9	-	n/a	47.2	-
02:50 AM - 02:55 AM	49.5	55.0	-	n/a	49.2	-
02:55 AM - 03:00 AM	49.1	54.1	-	n/a	47.5	-
03:00 AM - 03:05 AM	49.7	53.4	-	n/a	46.4	-
03:05 AM - 03:10 AM	50.5	58.2	-	n/a	47.2	-
03:10 AM - 03:15 AM	57.4	57.1	-	48.6	48.4	0.2
03:15 AM - 03:20 AM	50.9	56.4	-	n/a	46.8	-
03:20 AM - 03:25 AM	50.5	56.0	-	n/a	49.2	-
03:25 AM - 03:30 AM	61.8	55.6	-	63.6	48.6	15.0

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 : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494231
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report Number : 3107794-1

Page 3 of 3

Sample No. 2494231-14
Parameter เสียงรบกวน
Location โรงเรือนอนุบาลห่านทาง (GPS 47P 0722987, 1616402)
Measurement Date Aug 29 - Aug 30, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 01022261

ระดับเสียง (dB(A))						
เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีกิจกรรม	เสียงขณะมีกิจกรรม		เสียงพื้นฐาน	ค่าระดับการรบกวน
			กลางวัน	กลางคืน		
03:30 AM - 03:35 AM	49.4	57.2	-	n/a	47.4	-
03:35 AM - 03:40 AM	49.4	59.1	-	n/a	47.1	-
03:40 AM - 03:45 AM	50.4	59.5	-	n/a	47.5	-
03:45 AM - 03:50 AM	53.1	59.6	-	n/a	47.7	-
03:50 AM - 03:55 AM	49.4	59.4	-	n/a	48.6	-
03:55 AM - 04:00 AM	49.5	59.9	-	n/a	48.8	-
04:00 AM - 04:05 AM	52.3	58.9	-	n/a	49.2	-
04:05 AM - 04:10 AM	49.6	58.2	-	n/a	47.8	-
04:10 AM - 04:15 AM	49.3	57.3	-	n/a	49.0	-
04:15 AM - 04:20 AM	48.5	58.6	-	n/a	49.3	-
04:20 AM - 04:25 AM	48.7	59.3	-	n/a	49.3	-
04:25 AM - 04:30 AM	48.5	59.7	-	n/a	48.1	-
04:30 AM - 04:35 AM	48.2	59.0	-	n/a	46.4	-
04:35 AM - 04:40 AM	48.9	58.4	-	n/a	56.2	-
04:40 AM - 04:45 AM	49.6	58.5	-	n/a	56.9	-
04:45 AM - 04:50 AM	48.9	59.2	-	n/a	57.5	-
04:50 AM - 04:55 AM	48.9	60.2	-	n/a	58.4	-
04:55 AM - 05:00 AM	48.6	60.5	-	n/a	58.7	-
05:00 AM - 05:05 AM	55.9	60.0	-	n/a	58.6	-
05:05 AM - 05:10 AM	49.0	59.0	-	n/a	57.2	-
05:10 AM - 05:15 AM	49.8	58.9	-	n/a	58.1	-
05:15 AM - 05:20 AM	53.7	55.9	-	n/a	55.2	-
05:20 AM - 05:25 AM	51.3	55.7	-	n/a	51.9	-
05:25 AM - 05:30 AM	50.6	56.9	-	n/a	50.9	-
05:30 AM - 05:35 AM	50.3	56.5	-	n/a	50.8	-
05:35 AM - 05:40 AM	51.0	57.0	-	n/a	50.9	-
05:40 AM - 05:45 AM	51.6	56.3	-	n/a	51.8	-
05:45 AM - 05:50 AM	52.3	59.3	-	n/a	51.2	-
05:50 AM - 05:55 AM	51.7	56.9	-	n/a	50.9	-
05:55 AM - 06:00 AM	52.0	55.4	-	n/a	51.9	-
06:00 AM - 07:00 AM	52.2	58.7	n/a	-	52.7	-
07:00 AM - 08:00 AM	50.4	61.0	n/a	-	54.6	-

ค่ามาตรฐาน

Reference Method :

- In-house method : STM 06-001 based on ISO 1996-1 : 2016
- ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงการรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2567

มาตรฐาน

- ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
- ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานและขีดจำกัดเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561

Remark:

- ระดับเสียงจากแหล่งกำเนิด ทำการตรวจวัด วันที่ 29-30 สิงหาคม 2567
- ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีกิจกรรม (Sample No.2494233-28 วันที่ตรวจวัด 29-30 สิงหาคม 2567)
- n/a: ไม่สามารถคำนวณระดับเสียงขณะมีกิจกรรมเนื่องจากระดับเสียงจากแหล่งกำเนิดน้อยกว่าระดับเสียงขณะไม่มีกิจกรรม

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494231
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report Number : 3107795-1

Page 1 of 3

Sample No. 2494231-15
Parameter เลียงจันทน์
Location บ้านนาเสด็จ (GPS 47P 0726659, 1619824)
Measurement Date Aug 23 - Aug 24, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 623381

ระดับเสียง (dB(A))						
เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีกิจกรรม	เสียงขณะมีการรบกวน		เสียงพื้นฐาน	ค่าระดับการรบกวน
			กลางวัน	กลางคืน		
08:00 AM - 09:00 AM	56.2	45.4	55.8	-	40.8	15.0
09:00 AM - 10:00 AM	57.1	44.3	56.9	-	39.6	17.3
10:00 AM - 11:00 AM	53.8	46.0	53.0	-	41.2	11.8
11:00 AM - 12:00 PM	52.6	48.2	50.6	-	38.8	11.8
12:00 PM - 01:00 PM	56.7	46.5	56.3	-	35.2	21.1
01:00 PM - 02:00 PM	47.7	39.3	47.0	-	36.0	11.0
02:00 PM - 03:00 PM	46.0	49.7	n/a	-	36.9	-
03:00 PM - 04:00 PM	54.2	43.7	53.8	-	39.0	14.8
04:00 PM - 05:00 PM	57.2	47.7	56.7	-	38.9	17.8
05:00 PM - 06:00 PM	56.2	45.5	55.8	-	40.3	15.5
06:00 PM - 07:00 PM	55.7	49.1	54.6	-	42.5	12.1
07:00 PM - 08:00 PM	62.2	51.5	61.8	-	50.3	9.5
08:00 PM - 09:00 PM	57.1	48.4	56.5	-	47.0	3.4
09:00 PM - 10:00 PM	51.1	46.9	49.0	-	45.6	4.7
10:00 PM - 10:05 PM	48.9	45.9	-	48.8	44.2	1.8
10:05 PM - 10:10 PM	46.9	45.0	-	45.4	43.6	1.8
10:10 PM - 10:15 PM	55.5	42.6	-	57.7	44.7	13.0
10:15 PM - 10:20 PM	48.9	47.3	-	46.8	45.0	1.8
10:20 PM - 10:25 PM	56.2	45.4	-	58.8	44.1	14.7
10:25 PM - 10:30 PM	46.7	45.8	-	42.4	44.5	-2.1
10:30 PM - 10:35 PM	44.8	45.7	-	n/a	44.7	-
10:35 PM - 10:40 PM	56.1	45.8	-	58.7	44.6	14.1
10:40 PM - 10:45 PM	51.7	45.2	-	53.6	44.2	9.4
10:45 PM - 10:50 PM	65.7	45.1	-	68.7	43.9	24.8
10:50 PM - 10:55 PM	56.2	45.2	-	58.8	43.1	15.7
10:55 PM - 11:00 PM	49.6	43.3	-	51.4	42.0	9.4
11:00 PM - 11:05 PM	55.9	43.3	-	58.7	41.6	17.1
11:05 PM - 11:10 PM	49.7	44.7	-	51.0	42.8	8.2
11:10 PM - 11:15 PM	48.7	44.8	-	49.4	42.4	7.0
11:15 PM - 11:20 PM	46.8	44.5	-	45.9	41.8	4.1
11:20 PM - 11:25 PM	64.2	44.9	-	67.1	41.0	26.1
11:25 PM - 11:30 PM	68.4	46.6	-	71.4	42.2	29.2
11:30 PM - 11:35 PM	51.1	44.4	-	53.1	41.6	11.5
11:35 PM - 11:40 PM	56.4	44.7	-	59.1	42.5	16.6
11:40 PM - 11:45 PM	43.2	43.6	-	n/a	42.1	-
11:45 PM - 11:50 PM	62.5	44.6	-	65.4	43.3	22.1
11:50 PM - 11:55 PM	52.8	43.7	-	55.2	42.9	12.3
11:55 PM - 12:00 AM	56.5	43.9	-	59.3	42.2	17.1
12:00 AM - 12:05 AM	59.7	42.5	-	62.6	40.8	21.8
12:05 AM - 12:10 AM	62.5	43.8	-	65.4	42.4	23.0

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494231
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report Number : 3107795-1

Page 2 of 3

Sample No. 2494231-15
Parameter เลียงจันทน์
Location บ้านนาเสด็จ (GPS 47P 0726659, 1619824)
Measurement Date Aug 23 - Aug 24, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 623381

ระดับเสียง (dB(A))						
เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีกิจกรรม	เสียงขณะมีการรบกวน		เสียงพื้นฐาน	ค่าระดับการรบกวน
			กลางวัน	กลางคืน		
12:10 AM - 12:15 AM	62.2	43.9	-	65.1	42.2	22.9
12:15 AM - 12:20 AM	61.0	45.5	-	66.9	41.8	25.1
12:20 AM - 12:25 AM	51.1	49.3	-	49.4	40.8	8.6
12:25 AM - 12:30 AM	56.8	42.2	-	59.6	40.2	19.4
12:30 AM - 12:35 AM	56.9	41.6	-	59.8	40.0	19.8
12:35 AM - 12:40 AM	48.9	41.2	-	51.1	39.8	11.3
12:40 AM - 12:45 AM	41.2	41.5	-	n/a	40.1	-
12:45 AM - 12:50 AM	61.5	42.7	-	64.4	39.6	24.8
12:50 AM - 12:55 AM	42.8	41.5	-	39.9	39.7	0.2
12:55 AM - 01:00 AM	59.3	41.8	-	62.2	40.0	22.2
01:00 AM - 01:05 AM	61.5	46.9	-	64.3	40.6	23.7
01:05 AM - 01:10 AM	42.7	42.3	-	35.1	40.5	-5.4
01:10 AM - 01:15 AM	61.4	42.0	-	64.3	40.1	24.2
01:15 AM - 01:20 AM	62.9	42.6	-	65.9	39.9	26.0
01:20 AM - 01:25 AM	59.0	42.1	-	61.9	38.7	23.2
01:25 AM - 01:30 AM	53.0	45.3	-	55.2	38.5	16.7
01:30 AM - 01:35 AM	66.8	41.4	-	69.8	39.1	30.7
01:35 AM - 01:40 AM	56.7	40.9	-	59.6	38.0	21.6
01:40 AM - 01:45 AM	41.4	43.7	-	n/a	41.6	-
01:45 AM - 01:50 AM	57.6	44.7	-	60.4	42.4	18.0
01:50 AM - 01:55 AM	52.5	44.2	-	54.8	42.2	12.6
01:55 AM - 02:00 AM	64.9	44.1	-	67.9	41.8	26.1
02:00 AM - 02:05 AM	55.8	43.4	-	58.5	41.8	16.7
02:05 AM - 02:10 AM	53.0	42.3	-	55.6	39.9	15.7
02:10 AM - 02:15 AM	50.1	41.7	-	52.4	39.5	12.9
02:15 AM - 02:20 AM	45.9	42.7	-	46.1	40.1	6.0
02:20 AM - 02:25 AM	46.6	44.3	-	45.7	39.8	5.9
02:25 AM - 02:30 AM	49.6	42.1	-	51.7	38.8	12.9
02:30 AM - 02:35 AM	48.4	42.6	-	50.1	39.8	10.3
02:35 AM - 02:40 AM	47.0	43.3	-	47.6	40.9	6.7
02:40 AM - 02:45 AM	54.5	43.1	-	57.2	41.0	16.2
02:45 AM - 02:50 AM	48.3	43.7	-	49.5	41.7	7.8
02:50 AM - 02:55 AM	49.8	44.2	-	51.4	41.4	10.0
02:55 AM - 03:00 AM	45.9	42.5	-	46.2	39.7	6.5
03:00 AM - 03:05 AM	45.2	41.5	-	45.8	38.6	7.2
03:05 AM - 03:10 AM	53.0	41.0	-	55.7	38.2	17.5
03:10 AM - 03:15 AM	47.4	40.6	-	49.4	37.8	11.6
03:15 AM - 03:20 AM	54.7	40.2	-	57.5	38.3	19.2
03:20 AM - 03:25 AM	51.7	41.4	-	54.3	39.4	14.9
03:25 AM - 03:30 AM	52.0	42.4	-	54.5	40.2	14.3

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Approved by



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494231
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report Number : 3107795-1

Page 3 of 3

Sample No. 2494231-15
Parameter เสียงรบกวน
Location บ้านผาเสด็จ (GPS 47P 0726659, 1619824)
Measurement Date Aug 23 - Aug 24, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 623381

ระดับเสียง (dB(A))						
เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีกิจกรรม	เสียงขณะมีการรบกวน		เสียงพื้นฐาน	ค่าระดับการรบกวน
			กลางคืน	กลางวัน		
03:30 AM - 03:35 AM	58.0	44.8	-	60.8	42.2	18.6
03:35 AM - 03:40 AM	46.1	45.1	-	42.2	42.0	0.2
03:40 AM - 03:45 AM	50.4	46.8	-	50.9	42.1	8.8
03:45 AM - 03:50 AM	53.2	45.1	-	55.5	41.3	14.2
03:50 AM - 03:55 AM	52.6	44.4	-	51.9	41.0	13.9
03:55 AM - 04:00 AM	45.2	43.9	-	42.3	41.3	1.0
04:00 AM - 04:05 AM	51.1	45.0	-	56.5	41.8	14.7
04:05 AM - 04:10 AM	50.8	44.0	-	52.8	39.9	12.9
04:10 AM - 04:15 AM	46.6	45.2	-	44.0	40.7	3.3
04:15 AM - 04:20 AM	47.7	44.6	-	47.8	39.6	8.2
04:20 AM - 04:25 AM	55.0	44.8	-	57.6	39.6	18.0
04:25 AM - 04:30 AM	48.4	44.6	-	49.1	39.9	9.2
04:30 AM - 04:35 AM	48.8	45.4	-	49.1	39.7	9.4
04:35 AM - 04:40 AM	49.3	58.4	-	n/a	42.0	-
04:40 AM - 04:45 AM	48.9	58.6	-	n/a	42.2	-
04:45 AM - 04:50 AM	46.4	47.4	-	n/a	42.8	-
04:50 AM - 04:55 AM	47.3	49.3	-	n/a	43.8	-
04:55 AM - 05:00 AM	53.9	48.5	-	55.4	42.8	12.6
05:00 AM - 05:05 AM	65.9	48.7	-	68.8	44.3	24.5
05:05 AM - 05:10 AM	49.1	48.3	-	44.4	44.2	0.2
05:10 AM - 05:15 AM	58.6	49.7	-	61.0	44.6	16.4
05:15 AM - 05:20 AM	51.5	49.9	-	49.4	45.0	4.4
05:20 AM - 05:25 AM	48.6	49.9	-	n/a	41.0	-
05:25 AM - 05:30 AM	48.6	51.1	-	n/a	45.4	-
05:30 AM - 05:35 AM	50.4	55.4	-	n/a	46.6	-
05:35 AM - 05:40 AM	51.9	52.8	-	n/a	46.1	-
05:40 AM - 05:45 AM	57.2	52.2	-	58.5	48.2	10.3
05:45 AM - 05:50 AM	60.9	51.7	-	63.3	47.1	16.2
05:50 AM - 05:55 AM	61.4	52.1	-	63.9	47.2	16.7
05:55 AM - 06:00 AM	59.3	51.0	-	61.6	47.3	14.3
06:00 AM - 07:00 AM	57.4	49.1	56.7	-	44.6	12.1
07:00 AM - 08:00 AM	49.7	52.0	n/a	-	41.0	-

ค่ามาตรฐาน

Reference Method :

1. In-house method : STM 06-001 based on ISO 1996-1 : 2016
2. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง มาตรการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2567

มาตรฐาน

1. ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
2. ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดมาตรฐานผลิตภัณฑ์ชุมชนเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561

Remark:

1. ระดับเสียงจากแหล่งกำเนิด พิจารณาจาก วันที่ 23-24 สิงหาคม 2567
2. ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีกิจกรรม (Sample No.2494233-15 วันที่ตรวจวัด 23-24 สิงหาคม 2567)
3. n/a: ไม่สามารถคำนวณระดับเสียงขณะมีการรบกวนเนื่องจากระดับเสียงจากแหล่งกำเนิดน้อยกว่าระดับเสียงขณะมีการรบกวน

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Approved by

ADDRESS 104 Phatthanakan 40, Phatthanakan Rd., Khwaeng Phatthanakan, Khet Suan Luang, Bangkok 10250 Thailand | TEL: +66 0 2760 3000 | FAX: +66 0 2760 3197
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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494231
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report Number : 3107796-1

Page 1 of 3

Sample No. 2494231-16
Parameter เสียงรบกวน
Location บ้านผาเสด็จ (GPS 47P 0726659, 1619824)
Measurement Date Aug 24 - Aug 25, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 623381

ระดับเสียง (dB(A))						
เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีกิจกรรม	เสียงขณะมีการรบกวน		เสียงพื้นฐาน	ค่าระดับการรบกวน
			กลางคืน	กลางวัน		
08:00 AM - 09:00 AM	55.8	50.3	54.4	-	42.4	12.0
09:00 AM - 10:00 AM	57.2	47.1	56.8	-	40.0	16.8
10:00 AM - 11:00 AM	56.5	42.9	56.3	-	38.4	17.9
11:00 AM - 12:00 PM	44.9	44.9	n/a	-	39.5	-
12:00 PM - 01:00 PM	55.1	48.2	54.1	-	38.2	15.9
01:00 PM - 02:00 PM	58.2	41.8	58.1	-	38.3	19.8
02:00 PM - 03:00 PM	55.6	42.3	55.4	-	38.1	17.3
03:00 PM - 04:00 PM	54.0	48.7	52.5	-	40.2	12.3
04:00 PM - 05:00 PM	57.6	46.7	57.2	-	40.7	16.5
05:00 PM - 06:00 PM	47.7	64.3	n/a	-	41.6	-
06:00 PM - 07:00 PM	57.5	44.7	57.3	-	42.0	15.3
07:00 PM - 08:00 PM	59.8	49.8	59.3	-	47.0	12.3
08:00 PM - 09:00 PM	57.7	55.5	53.7	-	53.1	0.6
09:00 PM - 10:00 PM	62.8	52.9	62.3	-	50.7	11.6
10:00 PM - 10:05 PM	65.9	53.0	-	68.7	49.8	18.9
10:05 PM - 10:10 PM	66.8	54.4	-	69.5	53.4	16.1
10:10 PM - 10:15 PM	67.3	54.0	-	70.1	51.9	18.2
10:15 PM - 10:20 PM	68.1	52.6	-	71.0	50.6	20.4
10:20 PM - 10:25 PM	67.4	51.8	-	70.3	50.6	19.7
10:25 PM - 10:30 PM	68.0	51.6	-	70.9	50.3	20.6
10:30 PM - 10:35 PM	65.6	53.3	-	68.3	51.5	16.8
10:35 PM - 10:40 PM	65.9	51.9	-	68.7	48.8	19.9
10:40 PM - 10:45 PM	64.0	51.9	-	66.7	49.0	17.7
10:45 PM - 10:50 PM	65.4	50.4	-	68.3	46.4	21.9
10:50 PM - 10:55 PM	61.1	52.1	-	63.5	48.9	14.6
10:55 PM - 11:00 PM	62.7	51.6	-	65.3	48.1	17.2
11:00 PM - 11:05 PM	64.0	48.6	-	66.9	47.3	19.6
11:05 PM - 11:10 PM	57.2	48.3	-	59.6	47.1	12.5
11:10 PM - 11:15 PM	59.6	51.2	-	61.9	47.6	14.3
11:15 PM - 11:20 PM	67.9	52.0	-	70.8	48.0	22.8
11:20 PM - 11:25 PM	62.6	50.9	-	65.3	47.7	17.6
11:25 PM - 11:30 PM	62.3	50.5	-	65.0	46.8	18.2
11:30 PM - 11:35 PM	55.5	51.1	-	56.5	45.6	10.9
11:35 PM - 11:40 PM	65.0	45.4	-	68.0	43.0	25.0
11:40 PM - 11:45 PM	59.1	45.9	-	61.9	43.7	18.2
11:45 PM - 11:50 PM	58.4	46.3	-	61.1	44.6	16.5
11:50 PM - 11:55 PM	56.3	45.1	-	59.0	43.9	15.1
11:55 PM - 12:00 AM	56.0	45.3	-	58.6	43.8	14.8
12:00 AM - 12:05 AM	56.0	45.6	-	58.6	43.8	14.8
12:05 AM - 12:10 AM	54.4	46.5	-	56.6	42.8	13.8

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494231
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report Number : 3107796-1

Page 2 of 3

Sample No. 2494231-16
Parameter เสียงรบกวน
Location บ้านผาเสด็จ (GPS 47P 0726659, 1619824)
Measurement Date Aug 24 - Aug 25, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 623381

ระดับเสียง (dB(A))						
เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีกิจกรรม	เสียงขณะมีกิจกรรม		เสียงพื้นฐาน	ค่าระดับการรบกวน
			กลางวัน	กลางคืน		
12:10 AM - 12:15 AM	55.5	49.8	-	57.1	44.2	12.9
12:15 AM - 12:20 AM	51.4	49.3	-	50.2	44.2	6.0
12:20 AM - 12:25 AM	49.1	50.0	-	n/a	45.0	-
12:25 AM - 12:30 AM	52.2	44.5	-	54.4	41.8	12.6
12:30 AM - 12:35 AM	45.7	45.0	-	40.4	43.0	-2.6
12:35 AM - 12:40 AM	47.0	44.6	-	46.3	43.1	3.2
12:40 AM - 12:45 AM	64.3	44.5	-	67.3	41.9	25.4
12:45 AM - 12:50 AM	54.5	44.8	-	57.0	41.9	15.1
12:50 AM - 12:55 AM	48.3	45.1	-	48.5	43.2	5.3
12:55 AM - 01:00 AM	43.6	45.3	-	n/a	43.1	-
01:00 AM - 01:05 AM	57.4	45.5	-	60.1	43.6	16.5
01:05 AM - 01:10 AM	57.8	45.4	-	60.5	43.3	17.2
01:10 AM - 01:15 AM	49.7	44.4	-	51.2	41.5	9.7
01:15 AM - 01:20 AM	57.0	44.5	-	59.7	40.1	19.6
01:20 AM - 01:25 AM	52.8	43.6	-	55.2	39.7	15.5
01:25 AM - 01:30 AM	45.8	42.8	-	45.8	38.3	7.5
01:30 AM - 01:35 AM	45.7	44.8	-	41.4	40.6	0.8
01:35 AM - 01:40 AM	46.9	44.4	-	46.3	36.7	7.6
01:40 AM - 01:45 AM	45.7	42.5	-	45.9	37.3	8.6
01:45 AM - 01:50 AM	47.6	46.9	-	42.3	40.5	1.8
01:50 AM - 01:55 AM	43.5	48.2	-	n/a	40.5	-
01:55 AM - 02:00 AM	67.7	44.0	-	70.7	39.9	32.0
02:00 AM - 02:05 AM	48.5	43.3	-	49.9	37.8	12.1
02:05 AM - 02:10 AM	44.1	41.7	-	43.4	37.1	6.3
02:10 AM - 02:15 AM	44.1	47.3	-	n/a	37.8	-
02:15 AM - 02:20 AM	53.8	44.2	-	56.3	38.4	17.9
02:20 AM - 02:25 AM	44.2	45.0	-	n/a	39.6	-
02:25 AM - 02:30 AM	67.2	44.1	-	70.2	38.3	31.9
02:30 AM - 02:35 AM	50.7	44.1	-	52.6	38.4	14.2
02:35 AM - 02:40 AM	49.3	44.8	-	50.4	38.0	12.4
02:40 AM - 02:45 AM	56.0	44.0	-	58.7	37.3	21.4
02:45 AM - 02:50 AM	42.1	44.7	-	n/a	37.6	-
02:50 AM - 02:55 AM	49.2	44.6	-	50.4	37.4	13.0
02:55 AM - 03:00 AM	43.8	45.2	-	n/a	37.6	-
03:00 AM - 03:05 AM	40.5	44.9	-	n/a	37.7	-
03:05 AM - 03:10 AM	50.4	44.9	-	52.0	38.1	13.9
03:10 AM - 03:15 AM	35.8	45.8	-	n/a	38.0	-
03:15 AM - 03:20 AM	44.1	44.7	-	n/a	37.8	-
03:20 AM - 03:25 AM	36.7	47.3	-	n/a	37.8	-
03:25 AM - 03:30 AM	46.5	44.8	-	-	-	6.3

Approve

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494231
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report Number : 3107796-1

Page 3 of 3

Sample No. 2494231-16
Parameter เสียงรบกวน
Location บ้านผาเสด็จ (GPS 47P 0726659, 1619824)
Measurement Date Aug 24 - Aug 25, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 623381

ระดับเสียง (dB(A))						
เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีกิจกรรม	เสียงขณะมีกิจกรรม		เสียงพื้นฐาน	ค่าระดับการรบกวน
			กลางวัน	กลางคืน		
03:30 AM - 03:35 AM	42.7	43.9	-	n/a	38.0	-
03:35 AM - 03:40 AM	41.7	44.9	-	n/a	38.2	-
03:40 AM - 03:45 AM	43.3	43.4	-	n/a	37.1	-
03:45 AM - 03:50 AM	69.8	44.4	-	72.8	37.4	35.4
03:50 AM - 03:55 AM	37.7	45.1	-	n/a	38.3	-
03:55 AM - 04:00 AM	48.4	45.1	-	48.7	38.3	10.4
04:00 AM - 04:05 AM	35.9	45.2	-	n/a	38.2	-
04:05 AM - 04:10 AM	61.6	43.0	-	64.5	37.3	27.2
04:10 AM - 04:15 AM	57.3	44.6	-	60.1	37.2	22.9
04:15 AM - 04:20 AM	40.2	45.3	-	n/a	37.8	-
04:20 AM - 04:25 AM	37.4	45.2	-	n/a	37.8	-
04:25 AM - 04:30 AM	37.1	43.8	-	n/a	36.7	-
04:30 AM - 04:35 AM	68.3	44.1	-	71.3	36.3	35.0
04:35 AM - 04:40 AM	50.9	71.6	-	n/a	37.9	-
04:40 AM - 04:45 AM	43.9	69.4	-	n/a	36.9	-
04:45 AM - 04:50 AM	47.8	42.8	-	49.1	37.5	11.6
04:50 AM - 04:55 AM	50.7	41.9	-	53.1	37.7	15.4
04:55 AM - 05:00 AM	43.6	42.4	-	40.4	37.8	2.6
05:00 AM - 05:05 AM	40.0	41.2	-	n/a	37.8	-
05:05 AM - 05:10 AM	42.6	41.3	-	39.7	38.0	1.7
05:10 AM - 05:15 AM	50.3	41.7	-	52.7	38.2	14.5
05:15 AM - 05:20 AM	45.5	43.9	-	43.4	38.0	5.4
05:20 AM - 05:25 AM	69.2	41.4	-	72.2	38.8	33.4
05:25 AM - 05:30 AM	52.8	45.2	-	55.0	39.3	15.7
05:30 AM - 05:35 AM	47.7	43.0	-	48.9	40.0	8.9
05:35 AM - 05:40 AM	51.5	43.8	-	53.7	40.3	13.4
05:40 AM - 05:45 AM	54.5	43.6	-	57.1	40.3	16.8
05:45 AM - 05:50 AM	59.6	49.0	-	62.2	41.4	20.8
05:50 AM - 05:55 AM	61.9	46.9	-	64.8	41.9	22.9
05:55 AM - 06:00 AM	42.2	46.3	-	65.1	42.7	22.4
06:00 AM - 07:00 AM	55.2	50.3	53.5	-	41.7	11.8
07:00 AM - 08:00 AM	52.6	46.0	51.5	-	40.1	11.4

ค่ามาตรฐาน

Reference Method :

- In-house method : STM 06-001 based on ISO 1996-1 : 2016
- ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงการรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2567

มาตรฐาน

- ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
- ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานของเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561

Remark:

- ระดับเสียงจากแหล่งกำเนิด จากการตรวจวัด วันที่ 24-25 สิงหาคม 2567
- ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีกิจกรรม (Sample No.2494233-16 วันที่ตรวจวัด 24-25 สิงหาคม 2567)
- n/a: ไม่สามารถคำนวณระดับเสียงขณะมีกิจกรรมเนื่องจากระดับเสียงจากแหล่งกำเนิดน้อยกว่าระดับเสียงขณะไม่มีกิจกรรม

Approve

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Assoc. General Manager



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494231
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report Number : 3107797-1

Page 1 of 3

Sample No. 2494231-17
Parameter เสียงรบกวน
Location บ้านผาเสด็จ (GPS 47P 0726659, 1619824)
Measurement Date Aug 25 - Aug 26, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 623381

ระดับเสียง (dB(A))						
เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีกิจกรรม	เสียงขณะมีกิจกรรม		เสียงพื้นฐาน	ค่าระดับการรบกวน
			กลางวัน	กลางคืน		
08:00 AM - 09:00 AM	60.0	48.5	59.7	-	38.5	21.2
09:00 AM - 10:00 AM	63.8	51.3	63.5	-	37.8	25.7
10:00 AM - 11:00 AM	54.9	47.7	54.0	-	37.1	16.9
11:00 AM - 12:00 PM	54.8	47.6	53.9	-	37.9	16.0
12:00 PM - 01:00 PM	53.8	40.2	53.6	-	36.4	17.2
01:00 PM - 02:00 PM	56.8	44.9	56.5	-	37.0	19.5
02:00 PM - 03:00 PM	50.1	47.3	46.9	-	36.5	10.4
03:00 PM - 04:00 PM	53.5	42.8	53.1	-	38.4	14.7
04:00 PM - 05:00 PM	63.9	43.1	63.9	-	39.1	24.8
05:00 PM - 06:00 PM	66.1	50.7	66.0	-	40.0	26.0
06:00 PM - 07:00 PM	47.4	45.1	43.5	-	39.5	4.0
07:00 PM - 08:00 PM	48.0	48.6	n/a	-	47.4	-
08:00 PM - 09:00 PM	52.1	48.2	49.8	-	47.0	2.8
09:00 PM - 10:00 PM	54.4	45.2	53.8	-	44.0	9.8
10:00 PM - 10:05 PM	56.2	42.7	-	59.0	41.8	17.2
10:05 PM - 10:10 PM	56.2	42.9	-	59.0	40.8	18.2
10:10 PM - 10:15 PM	56.3	42.2	-	59.1	41.3	17.8
10:15 PM - 10:20 PM	54.5	43.6	-	57.1	41.2	15.9
10:20 PM - 10:25 PM	55.4	42.3	-	58.2	41.4	16.8
10:25 PM - 10:30 PM	55.0	42.8	-	57.7	41.8	15.9
10:30 PM - 10:35 PM	56.0	42.5	-	58.8	41.5	17.3
10:35 PM - 10:40 PM	55.4	42.2	-	58.2	41.3	16.9
10:40 PM - 10:45 PM	53.8	42.5	-	56.5	41.2	15.3
10:45 PM - 10:50 PM	53.7	47.1	-	55.6	43.6	12.0
10:50 PM - 10:55 PM	54.6	48.7	-	56.3	44.2	12.1
10:55 PM - 11:00 PM	54.9	45.7	-	57.3	43.9	13.4
11:00 PM - 11:05 PM	53.6	44.5	-	56.0	42.7	13.3
11:05 PM - 11:10 PM	54.0	43.6	-	56.6	42.2	14.4
11:10 PM - 11:15 PM	51.7	43.0	-	54.1	41.2	12.9
11:15 PM - 11:20 PM	51.0	44.1	-	53.0	41.4	11.6
11:20 PM - 11:25 PM	49.3	42.3	-	51.3	40.9	10.4
11:25 PM - 11:30 PM	52.6	42.6	-	55.1	41.3	13.8
11:30 PM - 11:35 PM	51.9	42.7	-	54.3	41.2	13.1
11:35 PM - 11:40 PM	52.1	41.7	-	54.7	40.4	14.3
11:40 PM - 11:45 PM	50.2	41.3	-	52.6	40.1	12.5
11:45 PM - 11:50 PM	53.6	42.4	-	56.3	40.6	15.7
11:50 PM - 11:55 PM	51.4	42.0	-	53.9	40.6	13.3
11:55 PM - 12:00 AM	52.0	41.5	-	54.6	40.3	14.3
12:00 AM - 12:05 AM	51.9	41.6	-	54.5	40.2	14.3
12:05 AM - 12:10 AM	53.0	43.0	-	55.5	41.2	14.3

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ADDRESS 104 Phatthanakan 40, Phatthanakan Rd., Khwaeng Phatthanakan, Khet Suan Luang, Bangkok 10250 Thailand TEL: +66 0 2760 3000 FAX: +66 0 2760 3197
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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494231
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report Number : 3107797-1

Page 2 of 3

Sample No. 2494231-17
Parameter เสียงรบกวน
Location บ้านผาเสด็จ (GPS 47P 0726659, 1619824)
Measurement Date Aug 25 - Aug 26, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 623381

ระดับเสียง (dB(A))						
เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีกิจกรรม	เสียงขณะมีกิจกรรม		เสียงพื้นฐาน	ค่าระดับการรบกวน
			กลางวัน	กลางคืน		
12:10 AM - 12:15 AM	52.7	43.2	-	55.2	41.1	14.1
12:15 AM - 12:20 AM	52.3	42.5	-	54.8	41.2	13.6
12:20 AM - 12:25 AM	53.0	40.8	-	55.7	39.4	16.3
12:25 AM - 12:30 AM	54.0	41.2	-	56.8	39.0	17.8
12:30 AM - 12:35 AM	53.6	39.9	-	56.4	38.2	18.2
12:35 AM - 12:40 AM	51.7	40.3	-	54.4	38.0	16.4
12:40 AM - 12:45 AM	52.0	40.0	-	54.7	38.6	16.1
12:45 AM - 12:50 AM	50.3	40.6	-	52.8	38.3	14.5
12:50 AM - 12:55 AM	51.5	42.5	-	53.9	39.9	14.0
12:55 AM - 01:00 AM	52.7	44.0	-	55.1	40.7	14.4
01:00 AM - 01:05 AM	49.9	43.2	-	51.9	40.1	11.8
01:05 AM - 01:10 AM	49.0	43.5	-	50.6	39.7	10.9
01:10 AM - 01:15 AM	47.8	42.6	-	49.2	39.4	9.8
01:15 AM - 01:20 AM	49.0	42.1	-	51.0	39.2	11.8
01:20 AM - 01:25 AM	50.5	43.6	-	52.5	41.0	11.5
01:25 AM - 01:30 AM	50.1	43.6	-	52.0	40.7	11.3
01:30 AM - 01:35 AM	49.1	44.5	-	50.3	40.5	9.8
01:35 AM - 01:40 AM	50.0	47.4	-	49.5	45.1	4.4
01:40 AM - 01:45 AM	50.1	45.6	-	51.2	43.0	8.2
01:45 AM - 01:50 AM	51.0	44.2	-	53.0	42.7	10.3
01:50 AM - 01:55 AM	49.9	43.4	-	51.8	41.8	10.0
01:55 AM - 02:00 AM	50.1	42.4	-	52.3	41.0	11.3
02:00 AM - 02:05 AM	49.4	45.7	-	50.0	40.0	10.0
02:05 AM - 02:10 AM	51.1	42.1	-	53.5	40.4	13.1
02:10 AM - 02:15 AM	51.6	42.5	-	54.0	40.9	13.1
02:15 AM - 02:20 AM	51.6	43.6	-	53.9	42.2	11.7
02:20 AM - 02:25 AM	50.1	43.8	-	51.9	42.4	9.5
02:25 AM - 02:30 AM	50.5	42.0	-	52.8	40.8	12.0
02:30 AM - 02:35 AM	50.5	41.2	-	53.0	39.7	13.3
02:35 AM - 02:40 AM	50.7	44.1	-	52.6	40.8	11.8
02:40 AM - 02:45 AM	49.3	43.6	-	50.9	41.4	9.5
02:45 AM - 02:50 AM	50.4	45.2	-	51.8	43.3	8.5
02:50 AM - 02:55 AM	53.3	44.6	-	55.7	43.2	12.5
02:55 AM - 03:00 AM	53.3	44.3	-	55.7	42.1	13.6
03:00 AM - 03:05 AM	53.1	43.5	-	55.6	41.8	13.8
03:05 AM - 03:10 AM	53.0	43.5	-	55.5	41.8	13.7
03:10 AM - 03:15 AM	53.8	42.4	-	56.5	40.9	15.6
03:15 AM - 03:20 AM	52.5	42.8	-	55.0	41.5	13.5
03:20 AM - 03:25 AM	52.4	44.3	-	54.7	42.2	12.5
03:25 AM - 03:30 AM	52.9	47.8	-	54.3	41.5	12.8

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ADDRESS 104 Phatthanakan 40, Phatthanakan Rd., Khwaeng Phatthanakan, Khet Suan Luang, Bangkok 10250 Thailand TEL: +66 0 2760 3000 FAX: +66 0 2760 3197
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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494231
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report Number : 3107797-1

Page 3 of 3

Sample No. 2494231-17
Parameter เสียงรบกวน
Location บ้านผาเสด็จ (GPS 47P 0726659, 1619824)
Measurement Date Aug 25 - Aug 26, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 623381

ระดับเสียง (dB(A))						
เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีกิจกรรม	เสียงขณะมีการรบกวน		เสียงพื้นฐาน	ค่าระดับการรบกวน
			กลางวัน	กลางคืน		
03:30 AM - 03:35 AM	53.2	44.2	-	55.6	42.0	13.6
03:35 AM - 03:40 AM	53.4	44.2	-	55.8	42.0	13.8
03:40 AM - 03:45 AM	53.3	44.5	-	55.7	42.4	13.3
03:45 AM - 03:50 AM	52.7	45.5	-	54.8	43.2	11.6
03:50 AM - 03:55 AM	53.1	49.7	-	53.4	44.7	8.7
03:55 AM - 04:00 AM	53.2	42.5	-	55.8	40.3	15.5
04:00 AM - 04:05 AM	53.6	40.4	-	56.4	38.9	17.5
04:05 AM - 04:10 AM	54.1	45.3	-	56.5	39.7	16.8
04:10 AM - 04:15 AM	53.8	46.8	-	55.8	41.9	13.9
04:15 AM - 04:20 AM	55.1	44.2	-	57.7	42.5	15.2
04:20 AM - 04:25 AM	54.5	44.1	-	57.1	42.2	14.9
04:25 AM - 04:30 AM	54.3	41.8	-	57.0	40.1	16.9
04:30 AM - 04:35 AM	55.0	42.2	-	57.8	40.1	17.7
04:35 AM - 04:40 AM	53.7	72.1	-	n/a	42.0	-
04:40 AM - 04:45 AM	54.0	44.3	-	56.5	41.5	15.0
04:45 AM - 04:50 AM	53.8	42.2	-	56.5	40.4	16.1
04:50 AM - 04:55 AM	53.3	42.4	-	55.9	41.0	14.9
04:55 AM - 05:00 AM	51.4	43.9	-	53.5	42.0	11.5
05:00 AM - 05:05 AM	52.5	44.3	-	54.8	42.2	12.6
05:05 AM - 05:10 AM	51.9	43.7	-	54.2	41.0	13.2
05:10 AM - 05:15 AM	53.1	44.0	-	55.5	41.3	14.2
05:15 AM - 05:20 AM	55.6	43.6	-	58.3	41.9	16.4
05:20 AM - 05:25 AM	52.6	44.5	-	54.9	42.7	12.2
05:25 AM - 05:30 AM	52.2	45.5	-	54.2	43.0	11.2
05:30 AM - 05:35 AM	52.4	54.9	-	n/a	43.5	-
05:35 AM - 05:40 AM	53.2	52.6	-	47.3	43.0	4.3
05:40 AM - 05:45 AM	52.7	43.7	-	55.1	41.2	13.9
05:45 AM - 05:50 AM	53.8	42.0	-	56.5	40.5	16.0
05:50 AM - 05:55 AM	53.1	51.6	-	50.8	42.1	8.7
05:55 AM - 06:00 AM	53.5	42.5	-	56.1	39.2	16.9
06:00 AM - 07:00 AM	58.0	47.4	57.6	-	41.4	16.2
07:00 AM - 08:00 AM	54.3	46.3	53.6	-	41.8	11.8
ค่ามาตรฐาน						≤ 10

Reference Method :

- In-house method : STM 06-001 based on ISO 1996-1 : 2016
- ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงการรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2567

มาตรฐาน

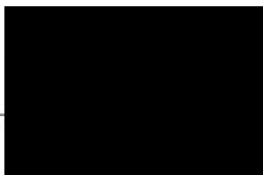
- ประกาศกระทรวงพลังงาน เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
- ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดมาตรฐานเสียงทางเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561

Remark:

- ระดับเสียงจากแหล่งกำเนิด พิจารณาตรวจวัด วันที่ 25-26 สิงหาคม 2567
- ระดับเสียงที่ฐานและระดับเสียงขณะไม่มีกิจกรรม (Sample No.2494233-17 วันที่ตรวจวัด 25-26 สิงหาคม 2567)
- n/a: ไม่สามารถคำนวณระดับเสียงขณะมีการรบกวนเนื่องจากระดับเสียงจากแหล่งกำเนิดน้อยกว่าระดับเสียงขณะไม่มีกิจกรรม

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494231
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report Number : 3107798-1

Page 1 of 3

Sample No. 2494231-18
Parameter เสียงรบกวน
Location บ้านผาเสด็จ (GPS 47P 0726659, 1619824)
Measurement Date Aug 26 - Aug 27, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 623381

ระดับเสียง (dB(A))						
เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีกิจกรรม	เสียงขณะมีการรบกวน		เสียงพื้นฐาน	ค่าระดับการรบกวน
			กลางวัน	กลางคืน		
08:00 AM - 09:00 AM	53.1	45.9	52.2	-	38.5	13.7
09:00 AM - 10:00 AM	51.2	51.6	n/a	-	40.4	-
10:00 AM - 11:00 AM	48.9	44.2	47.1	-	37.0	10.1
11:00 AM - 12:00 PM	54.3	44.0	53.9	-	37.8	16.1
12:00 PM - 01:00 PM	54.2	43.2	53.8	-	37.8	16.0
01:00 PM - 02:00 PM	55.3	43.2	55.0	-	39.4	15.6
02:00 PM - 03:00 PM	51.1	42.8	50.4	-	38.6	11.8
03:00 PM - 04:00 PM	52.9	44.4	52.2	-	37.4	14.8
04:00 PM - 05:00 PM	55.4	47.9	54.5	-	37.9	16.6
05:00 PM - 06:00 PM	55.2	63.3	n/a	-	39.7	-
06:00 PM - 07:00 PM	55.3	49.1	54.1	-	41.2	12.9
07:00 PM - 08:00 PM	56.4	49.4	55.4	-	47.2	8.2
08:00 PM - 09:00 PM	56.7	47.3	56.2	-	44.5	11.7
09:00 PM - 10:00 PM	55.8	46.6	55.2	-	44.4	10.8
10:00 PM - 10:05 PM	57.0	45.8	-	59.7	43.2	16.5
10:05 PM - 10:10 PM	57.7	43.5	-	60.5	41.6	18.9
10:10 PM - 10:15 PM	57.0	44.6	-	59.7	42.7	17.0
10:15 PM - 10:20 PM	57.5	44.5	-	60.3	43.3	17.0
10:20 PM - 10:25 PM	56.6	43.4	-	59.4	42.3	17.1
10:25 PM - 10:30 PM	57.3	44.1	-	60.1	42.4	17.7
10:30 PM - 10:35 PM	57.0	44.3	-	59.8	42.4	17.4
10:35 PM - 10:40 PM	57.8	46.6	-	60.5	43.5	17.0
10:40 PM - 10:45 PM	57.1	45.0	-	59.8	42.0	17.8
10:45 PM - 10:50 PM	56.5	45.5	-	59.1	42.9	16.2
10:50 PM - 10:55 PM	56.4	46.0	-	59.0	43.1	15.9
10:55 PM - 11:00 PM	57.0	48.6	-	59.3	44.6	14.7
11:00 PM - 11:05 PM	57.6	47.2	-	60.2	43.8	16.4
11:05 PM - 11:10 PM	56.2	45.0	-	58.9	42.8	16.1
11:10 PM - 11:15 PM	57.6	45.7	-	60.3	43.4	16.9
11:15 PM - 11:20 PM	56.0	45.7	-	58.6	42.0	16.6
11:20 PM - 11:25 PM	56.6	45.5	-	59.2	42.1	17.1
11:25 PM - 11:30 PM	55.6	43.8	-	58.3	41.9	16.4
11:30 PM - 11:35 PM	55.9	43.9	-	58.6	41.4	17.2
11:35 PM - 11:40 PM	54.6	44.1	-	57.2	41.4	15.8
11:40 PM - 11:45 PM	55.3	44.7	-	57.9	42.6	15.3
11:45 PM - 11:50 PM	54.0	44.6	-	56.5	42.0	14.5
11:50 PM - 11:55 PM	54.2	44.0	-	56.8	41.3	15.5
11:55 PM - 12:00 AM	54.0	45.1	-	56.4	42.0	14.4
12:00 AM - 12:05 AM	53.3	44.5	-	55.7	41.3	14.4
12:05 AM - 12:10 AM	57.0	44.1	-	59.8	41.6	18.2

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494231
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report Number : 3107798-1

Page 2 of 3

Sample No. 2494231-18
Parameter เสียงรบกวน
Location บ้านมาเสด็จ (GPS 47P 0726659, 1619824)
Measurement Date Aug 26 - Aug 27, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 623381

ระดับเสียง (dB(A))						
เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	เสียงขณะมีการรบกวน		เสียงพื้นฐาน	ค่าระดับการรบกวน
			กลางวัน	กลางคืน		
12:10 AM - 12:15 AM	54.1	43.5	-	56.7	41.3	15.4
12:15 AM - 12:20 AM	58.9	44.2	-	61.8	41.9	19.9
12:20 AM - 12:25 AM	57.3	44.0	-	60.1	41.3	18.8
12:25 AM - 12:30 AM	54.3	44.4	-	56.8	41.5	15.3
12:30 AM - 12:35 AM	54.7	44.6	-	57.3	41.4	15.9
12:35 AM - 12:40 AM	55.4	44.8	-	58.0	41.8	16.2
12:40 AM - 12:45 AM	57.6	44.6	-	60.4	41.4	19.0
12:45 AM - 12:50 AM	59.1	44.0	-	62.0	40.7	21.3
12:50 AM - 12:55 AM	56.5	44.6	-	59.2	41.0	18.2
12:55 AM - 01:00 AM	55.0	44.3	-	57.6	41.9	15.7
01:00 AM - 01:05 AM	55.9	44.0	-	58.6	41.8	16.8
01:05 AM - 01:10 AM	53.6	43.3	-	56.2	41.1	15.1
01:10 AM - 01:15 AM	55.0	42.6	-	57.7	40.9	16.8
01:15 AM - 01:20 AM	56.3	43.2	-	59.1	41.7	17.4
01:20 AM - 01:25 AM	55.9	42.1	-	58.7	41.0	17.7
01:25 AM - 01:30 AM	59.8	41.5	-	62.7	40.0	22.7
01:30 AM - 01:35 AM	54.2	44.2	-	56.7	41.8	14.9
01:35 AM - 01:40 AM	54.5	43.3	-	57.2	41.0	16.2
01:40 AM - 01:45 AM	54.2	44.7	-	56.7	42.5	14.2
01:45 AM - 01:50 AM	53.2	44.5	-	55.6	41.6	14.0
01:50 AM - 01:55 AM	52.6	48.2	-	53.6	42.7	10.9
01:55 AM - 02:00 AM	54.4	47.0	-	56.5	43.3	13.2
02:00 AM - 02:05 AM	53.0	42.7	-	55.6	40.6	15.0
02:05 AM - 02:10 AM	52.4	43.5	-	54.8	41.2	13.6
02:10 AM - 02:15 AM	52.2	43.1	-	54.6	40.9	13.7
02:15 AM - 02:20 AM	58.5	45.6	-	61.3	42.2	19.1
02:20 AM - 02:25 AM	57.5	45.0	-	60.2	42.7	17.5
02:25 AM - 02:30 AM	50.5	45.1	-	52.0	42.7	9.3
02:30 AM - 02:35 AM	48.5	44.8	-	49.1	41.8	7.3
02:35 AM - 02:40 AM	61.7	45.2	-	64.6	42.2	22.4
02:40 AM - 02:45 AM	59.1	45.5	-	61.9	42.2	19.7
02:45 AM - 02:50 AM	60.8	45.4	-	63.7	42.9	20.8
02:50 AM - 02:55 AM	62.0	44.0	-	64.9	41.5	23.4
02:55 AM - 03:00 AM	52.6	42.0	-	55.2	39.6	15.6
03:00 AM - 03:05 AM	51.2	41.5	-	53.7	38.5	15.2
03:05 AM - 03:10 AM	54.3	43.1	-	57.0	40.0	17.0
03:10 AM - 03:15 AM	57.6	41.2	-	60.5	38.4	22.1
03:15 AM - 03:20 AM	59.5	42.6	-	62.4	38.9	23.5
03:20 AM - 03:25 AM	49.7	42.7	-	51.7	39.6	12.1
03:25 AM - 03:30 AM	49.5	41.9	-	51.7	37.2	14.5

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494231
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report Number : 3107798-1

Page 3 of 3

Sample No. 2494231-18
Parameter เสียงรบกวน
Location บ้านมาเสด็จ (GPS 47P 0726659, 1619824)
Measurement Date Aug 26 - Aug 27, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 623381

ระดับเสียง (dB(A))						
เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	เสียงขณะมีการรบกวน		เสียงพื้นฐาน	ค่าระดับการรบกวน
			กลางวัน	กลางคืน		
03:30 AM - 03:35 AM	50.2	40.7	-	52.7	37.3	15.4
03:35 AM - 03:40 AM	55.6	42.6	-	58.4	38.1	20.3
03:40 AM - 03:45 AM	48.7	42.6	-	50.5	38.3	12.2
03:45 AM - 03:50 AM	51.6	43.5	-	53.9	39.3	14.6
03:50 AM - 03:55 AM	54.2	44.5	-	56.7	39.7	17.0
03:55 AM - 04:00 AM	57.2	44.2	-	60.0	39.7	20.3
04:00 AM - 04:05 AM	55.4	47.2	-	57.7	42.0	15.7
04:05 AM - 04:10 AM	52.6	44.5	-	54.9	40.3	14.6
04:10 AM - 04:15 AM	59.5	45.0	-	62.3	41.6	20.7
04:15 AM - 04:20 AM	53.1	43.7	-	55.6	40.8	14.8
04:20 AM - 04:25 AM	59.8	43.8	-	62.7	41.5	21.2
04:25 AM - 04:30 AM	55.5	43.4	-	58.2	40.4	17.8
04:30 AM - 04:35 AM	52.4	42.7	-	54.9	39.6	15.3
04:35 AM - 04:40 AM	53.4	70.8	-	n/a	42.0	-
04:40 AM - 04:45 AM	52.6	50.9	-	50.7	39.6	11.1
04:45 AM - 04:50 AM	54.5	42.5	-	57.2	39.8	17.4
04:50 AM - 04:55 AM	52.2	43.3	-	54.6	39.1	15.5
04:55 AM - 05:00 AM	53.7	44.2	-	56.2	40.2	16.0
05:00 AM - 05:05 AM	53.2	43.1	-	55.8	40.4	15.4
05:05 AM - 05:10 AM	56.6	42.4	-	59.4	40.1	19.3
05:10 AM - 05:15 AM	54.0	42.8	-	56.7	40.2	16.5
05:15 AM - 05:20 AM	53.1	42.6	-	55.7	38.9	16.8
05:20 AM - 05:25 AM	55.8	43.1	-	58.6	39.9	18.7
05:25 AM - 05:30 AM	64.5	41.3	-	67.5	39.7	27.8
05:30 AM - 05:35 AM	56.5	44.7	-	59.2	42.1	17.1
05:35 AM - 05:40 AM	53.9	47.2	-	55.9	43.3	12.6
05:40 AM - 05:45 AM	53.5	45.3	-	55.8	42.8	13.0
05:45 AM - 05:50 AM	55.1	45.9	-	57.5	43.0	14.5
05:50 AM - 05:55 AM	55.8	49.9	-	57.5	43.0	14.5
05:55 AM - 06:00 AM	61.8	48.3	-	64.6	45.3	19.3
06:00 AM - 07:00 AM	57.3	52.0	55.8	-	47.2	8.6
07:00 AM - 08:00 AM	54.7	51.3	52.0	-	44.8	7.2
						≤ 10

ค่ามาตรฐาน

Reference Method :

1. In-house method : STM 06-001 based on ISO 1996-1 : 2016
2. ประกาศกระทรวงอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงการรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2567

มาตรฐาน

1. ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
2. ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานของเสียงจากเครื่องจักรการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561

Remark:

1. ระดับเสียงจากแหล่งกำเนิด ทำการตรวจวัด วันที่ 26-27 สิงหาคม 2567
2. ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No.2494233-18 วันที่ตรวจวัด 26-27 สิงหาคม 2567)
3. n/a: ไม่สามารถคำนวณระดับเสียงขณะมีการรบกวนเนื่องจากระดับเสียงจากแหล่งกำเนิดน้อยกว่าระดับเสียงขณะไม่มีการรบกวน

The above results are valid only for the analyzed sample(s) as indicated in this report. No part of this report or its data 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 : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

Lot ID: 2494231
Date Received :Sep 04, 2024
Date Reported :Sep 11, 2024
Report Number : 3107799-1

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Sample No. 2494231-19
Parameter เสียงรบกวน
Location บ้านผาเสด็จ (GPS 47P 0726659, 1619824)
Measurement Date Aug 27 - Aug 28, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 623381

Page 1 of 3

ระดับเสียง (dB(A))						
เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	เสียงขณะมีการรบกวน		เสียงพื้นฐาน	ค่าระดับการรบกวน
			กลางวัน	กลางคืน		
08:00 AM - 09:00 AM	53.7	46.7	52.7	-	42.6	10.1
09:00 AM - 10:00 AM	55.7	47.1	55.1	-	42.8	12.3
10:00 AM - 11:00 AM	53.6	46.9	52.6	-	39.6	13.0
11:00 AM - 12:00 PM	51.9	47.2	50.1	-	39.6	10.5
12:00 PM - 01:00 PM	48.8	43.3	47.4	-	39.1	8.3
01:00 PM - 02:00 PM	55.1	43.3	54.8	-	40.1	14.7
02:00 PM - 03:00 PM	66.2	45.2	66.2	-	39.4	26.8
03:00 PM - 04:00 PM	68.7	45.3	68.7	-	40.6	28.1
04:00 PM - 05:00 PM	60.4	43.0	60.3	-	39.1	21.2
05:00 PM - 06:00 PM	58.2	45.9	57.9	-	42.3	15.6
06:00 PM - 07:00 PM	53.1	46.5	52.0	-	42.3	9.7
07:00 PM - 08:00 PM	52.1	49.6	48.5	-	47.8	0.7
08:00 PM - 09:00 PM	52.7	47.4	51.2	-	45.6	5.6
09:00 PM - 10:00 PM	53.1	46.5	52.0	-	43.8	8.2
10:00 PM - 10:05 PM	53.5	47.0	-	55.4	45.0	10.4
10:05 PM - 10:10 PM	51.6	46.0	-	53.2	44.1	9.1
10:10 PM - 10:15 PM	53.4	44.8	-	55.8	43.2	12.6
10:15 PM - 10:20 PM	52.3	44.8	-	54.4	43.8	10.6
10:20 PM - 10:25 PM	52.9	44.4	-	55.2	43.1	12.1
10:25 PM - 10:30 PM	52.3	44.3	-	54.6	43.1	11.5
10:30 PM - 10:35 PM	52.1	45.3	-	54.1	44.0	10.1
10:35 PM - 10:40 PM	52.9	43.8	-	55.3	42.6	12.7
10:40 PM - 10:45 PM	52.5	43.8	-	54.9	42.6	12.3
10:45 PM - 10:50 PM	52.0	43.1	-	54.4	41.1	13.3
10:50 PM - 10:55 PM	52.7	44.9	-	54.9	41.7	13.2
10:55 PM - 11:00 PM	51.8	43.9	-	54.0	42.8	11.2
11:00 PM - 11:05 PM	51.5	43.9	-	53.7	42.8	10.9
11:05 PM - 11:10 PM	52.7	43.6	-	55.1	42.8	12.3
11:10 PM - 11:15 PM	52.4	44.3	-	54.7	42.9	11.8
11:15 PM - 11:20 PM	51.5	43.9	-	53.7	42.7	11.0
11:20 PM - 11:25 PM	54.4	43.8	-	57.0	42.0	15.0
11:25 PM - 11:30 PM	52.3	44.2	-	54.6	42.7	11.9
11:30 PM - 11:35 PM	52.1	44.0	-	54.4	42.4	12.0
11:35 PM - 11:40 PM	51.6	43.4	-	53.9	41.9	12.0
11:40 PM - 11:45 PM	51.5	42.5	-	53.9	41.4	12.5
11:45 PM - 11:50 PM	54.3	43.1	-	57.0	42.1	14.9
11:50 PM - 11:55 PM	52.3	43.4	-	54.7	42.1	12.6
11:55 PM - 12:00 AM	52.4	43.7	-	54.8	42.5	12.3
12:00 AM - 12:05 AM	53.6	43.6	-	56.1	41.9	14.2
12:05 AM - 12:10 AM	55.2	43.6	-	57.9	42.0	15.9

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

Lot ID: 2494231
Date Received :Sep 04, 2024
Date Reported :Sep 11, 2024
Report Number : 3107799-1

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Sample No. 2494231-19
Parameter เสียงรบกวน
Location บ้านผาเสด็จ (GPS 47P 0726659, 1619824)
Measurement Date Aug 27 - Aug 28, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 623381

Page 2 of 3

ระดับเสียง (dB(A))						
เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	เสียงขณะมีการรบกวน		เสียงพื้นฐาน	ค่าระดับการรบกวน
			กลางวัน	กลางคืน		
12:10 AM - 12:15 AM	52.4	43.5	-	54.8	42.1	12.7
12:15 AM - 12:20 AM	50.1	44.6	-	51.7	43.1	8.6
12:20 AM - 12:25 AM	50.8	46.4	-	51.8	43.9	7.9
12:25 AM - 12:30 AM	53.3	47.1	-	55.1	43.7	11.4
12:30 AM - 12:35 AM	52.5	45.7	-	54.5	43.9	10.6
12:35 AM - 12:40 AM	49.9	47.2	-	49.6	43.7	5.9
12:40 AM - 12:45 AM	52.1	45.8	-	53.9	43.7	10.2
12:45 AM - 12:50 AM	53.3	45.6	-	55.5	43.3	12.2
12:50 AM - 12:55 AM	53.2	44.0	-	55.6	41.3	14.3
12:55 AM - 01:00 AM	54.7	43.8	-	57.3	40.4	16.9
01:00 AM - 01:05 AM	53.6	47.3	-	55.4	41.4	14.0
01:05 AM - 01:10 AM	54.3	55.5	-	n/a	49.7	-
01:10 AM - 01:15 AM	54.5	57.1	-	n/a	49.2	-
01:15 AM - 01:20 AM	54.9	51.4	-	55.3	47.1	8.2
01:20 AM - 01:25 AM	53.4	46.9	-	55.3	43.8	11.5
01:25 AM - 01:30 AM	53.5	46.0	-	55.6	39.5	16.1
01:30 AM - 01:35 AM	53.5	41.0	-	56.2	38.1	18.1
01:35 AM - 01:40 AM	54.0	40.1	-	56.8	37.8	19.0
01:40 AM - 01:45 AM	53.5	42.9	-	56.1	39.3	16.8
01:45 AM - 01:50 AM	53.7	41.3	-	56.4	39.3	17.1
01:50 AM - 01:55 AM	52.9	47.5	-	54.4	40.9	13.5
01:55 AM - 02:00 AM	57.2	41.8	-	60.1	39.4	20.7
02:00 AM - 02:05 AM	54.9	42.8	-	57.6	40.5	17.1
02:05 AM - 02:10 AM	50.9	44.5	-	52.8	41.4	11.4
02:10 AM - 02:15 AM	51.3	44.1	-	53.4	41.2	12.2
02:15 AM - 02:20 AM	51.0	43.2	-	53.2	41.3	11.9
02:20 AM - 02:25 AM	51.5	43.1	-	53.8	39.2	14.6
02:25 AM - 02:30 AM	52.6	41.5	-	55.2	39.2	16.0
02:30 AM - 02:35 AM	51.9	41.5	-	54.5	39.7	14.8
02:35 AM - 02:40 AM	56.1	42.6	-	58.9	40.0	18.9
02:40 AM - 02:45 AM	52.0	42.3	-	54.5	39.6	14.9
02:45 AM - 02:50 AM	51.4	41.8	-	53.9	38.3	15.6
02:50 AM - 02:55 AM	53.8	41.2	-	56.6	38.2	18.4
02:55 AM - 03:00 AM	52.0	42.9	-	54.4	38.0	16.4
03:00 AM - 03:05 AM	53.4	42.8	-	56.0	39.9	16.1
03:05 AM - 03:10 AM	52.0	45.7	-	53.8	43.5	10.3
03:10 AM - 03:15 AM	51.9	44.2	-	54.1	41.3	12.8
03:15 AM - 03:20 AM	51.9	43.7	-	54.2	41.0	13.2
03:20 AM - 03:25 AM	52.1	45.8	-	53.9	42.9	11.0
03:25 AM - 03:30 AM	52.1	46.5	-	53.7	44.1	9.6

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 Group (Thailand) Co., Ltd. Any unauthorized reproduction or use of this report is strictly prohibited.

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494231
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report Number : 3107799-1

Page 3 of 3

Sample No. 2494231-19
Parameter เสียงรบกวน
Location บ้านนาเสด็จ (GPS 47P 0726659, 1619824)
Measurement Date Aug 27 - Aug 28, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 623381

ระดับเสียง (dB(A))						
เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีกิจกรรม	เสียงขณะมีกิจกรรม		เสียงพื้นฐาน	ค่าระดับการรบกวน
			กลางวัน	กลางคืน		
03:30 AM - 03:35 AM	50.4	46.8	-	50.9	44.1	6.8
03:35 AM - 03:40 AM	52.5	44.9	-	54.7	42.2	12.5
03:40 AM - 03:45 AM	51.6	47.9	-	52.2	44.8	7.4
03:45 AM - 03:50 AM	51.1	46.2	-	52.4	43.6	8.8
03:50 AM - 03:55 AM	51.4	46.4	-	52.7	43.6	9.1
03:55 AM - 04:00 AM	50.9	42.2	-	53.3	39.6	13.7
04:00 AM - 04:05 AM	49.8	42.6	-	51.9	40.9	11.0
04:05 AM - 04:10 AM	50.1	42.4	-	52.3	40.5	11.8
04:10 AM - 04:15 AM	51.6	41.7	-	54.1	39.9	14.2
04:15 AM - 04:20 AM	52.0	42.0	-	54.5	40.0	14.5
04:20 AM - 04:25 AM	55.4	41.8	-	58.2	39.6	18.6
04:25 AM - 04:30 AM	50.9	43.1	-	53.1	39.7	13.4
04:30 AM - 04:35 AM	50.7	43.4	-	52.8	42.0	10.8
04:35 AM - 04:40 AM	49.7	72.5	-	n/a	42.8	-
04:40 AM - 04:45 AM	52.5	40.9	-	55.2	39.3	15.9
04:45 AM - 04:50 AM	51.9	40.7	-	54.6	38.1	16.5
04:50 AM - 04:55 AM	52.0	41.3	-	54.6	38.0	16.6
04:55 AM - 05:00 AM	52.9	41.5	-	55.6	38.0	17.6
05:00 AM - 05:05 AM	52.3	42.2	-	54.9	39.6	15.3
05:05 AM - 05:10 AM	52.6	41.1	-	55.3	38.3	17.0
05:10 AM - 05:15 AM	52.7	42.0	-	55.3	39.9	15.4
05:15 AM - 05:20 AM	53.1	43.9	-	55.5	41.6	13.9
05:20 AM - 05:25 AM	53.5	42.8	-	56.1	40.6	15.5
05:25 AM - 05:30 AM	53.7	42.4	-	56.4	40.2	16.2
05:30 AM - 05:35 AM	54.3	46.1	-	56.6	41.6	15.0
05:35 AM - 05:40 AM	55.3	44.5	-	57.9	41.8	16.1
05:40 AM - 05:45 AM	54.1	47.4	-	56.1	42.3	13.8
05:45 AM - 05:50 AM	54.4	50.0	-	55.4	43.2	12.2
05:50 AM - 05:55 AM	54.3	47.4	-	56.3	44.5	11.8
05:55 AM - 06:00 AM	55.7	46.4	-	58.2	44.2	14.0
06:00 AM - 07:00 AM	56.0	46.8	55.4	-	43.0	12.4
07:00 AM - 08:00 AM	54.3	49.4	52.6	-	42.1	10.5

ตามมาตรฐาน

Reference Method :

- In-house method : STM 06-001 based on ISO 1996-1 : 2016
- ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงการรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2567

มาตรฐาน

- ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
- ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561

Remark:

- ระดับเสียงจากแหล่งกำเนิด ทหารตรวจวัด วันที่ 27-28 สิงหาคม 2567
- ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีกิจกรรม (Sample No.2494233-19 วันที่ตรวจวัด 27-28 สิงหาคม 2567)
- n/a: ไม่สามารถคำนวณระดับเสียงขณะมีกิจกรรมเนื่องจากระดับเสียงจากแหล่งกำเนิดน้อยกว่าระดับเสียงขณะไม่มีกิจกรรม

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494231
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report Number : 3107800-1

Page 1 of 3

Sample No. 2494231-20
Parameter เสียงรบกวน
Location บ้านนาเสด็จ (GPS 47P 0726659, 1619824)
Measurement Date Aug 28 - Aug 29, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 623381

ระดับเสียง (dB(A))						
เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีกิจกรรม	เสียงขณะมีกิจกรรม		เสียงพื้นฐาน	ค่าระดับการรบกวน
			กลางวัน	กลางคืน		
08:00 AM - 09:00 AM	53.1	48.6	51.2	-	39.7	11.5
09:00 AM - 10:00 AM	54.2	41.7	53.9	-	37.3	16.6
10:00 AM - 11:00 AM	54.8	43.4	54.5	-	38.2	16.3
11:00 AM - 12:00 PM	48.8	44.9	46.5	-	37.7	8.8
12:00 PM - 01:00 PM	50.0	44.1	48.7	-	36.7	12.0
01:00 PM - 02:00 PM	59.1	44.8	58.9	-	37.4	21.5
02:00 PM - 03:00 PM	57.5	48.5	56.9	-	38.7	18.2
03:00 PM - 04:00 PM	57.3	49.6	56.5	-	38.0	18.5
04:00 PM - 05:00 PM	52.2	43.6	51.6	-	39.5	12.1
05:00 PM - 06:00 PM	61.7	50.2	61.4	-	41.9	19.5
06:00 PM - 07:00 PM	57.2	45.8	56.9	-	42.5	14.4
07:00 PM - 08:00 PM	59.1	49.0	58.7	-	46.9	11.8
08:00 PM - 09:00 PM	63.4	48.7	63.3	-	47.3	16.0
09:00 PM - 10:00 PM	65.3	47.7	65.2	-	46.6	18.6
10:00 PM - 10:05 PM	61.5	47.1	-	64.3	45.8	18.5
10:05 PM - 10:10 PM	61.6	46.9	-	64.5	45.9	18.6
10:10 PM - 10:15 PM	67.8	46.8	-	70.8	44.8	26.0
10:15 PM - 10:20 PM	66.4	47.4	-	69.3	45.8	23.5
10:20 PM - 10:25 PM	65.2	47.8	-	68.1	45.0	23.1
10:25 PM - 10:30 PM	65.7	45.7	-	68.7	42.3	26.4
10:30 PM - 10:35 PM	65.6	44.9	-	68.6	41.6	27.0
10:35 PM - 10:40 PM	68.1	43.2	-	71.1	40.5	30.6
10:40 PM - 10:45 PM	67.0	43.6	-	70.0	42.0	28.0
10:45 PM - 10:50 PM	67.5	44.1	-	70.5	42.2	28.3
10:50 PM - 10:55 PM	67.0	45.2	-	70.0	43.9	26.1
10:55 PM - 11:00 PM	61.0	46.5	-	63.8	44.5	19.3
11:00 PM - 11:05 PM	52.7	46.4	-	54.5	45.5	9.0
11:05 PM - 11:10 PM	57.9	47.9	-	60.4	45.8	14.6
11:10 PM - 11:15 PM	56.8	46.6	-	59.4	45.7	13.7
11:15 PM - 11:20 PM	56.2	46.6	-	58.7	44.9	13.8
11:20 PM - 11:25 PM	57.8	46.3	-	60.5	45.4	15.1
11:25 PM - 11:30 PM	52.5	46.6	-	54.2	45.5	8.7
11:30 PM - 11:35 PM	46.1	46.5	-	n/a	45.7	-
11:35 PM - 11:40 PM	62.4	46.4	-	65.3	45.4	19.9
11:40 PM - 11:45 PM	56.8	45.7	-	59.4	44.6	14.8
11:45 PM - 11:50 PM	51.5	45.6	-	53.2	44.7	8.5
11:50 PM - 11:55 PM	66.7	45.7	-	69.7	44.8	24.9
11:55 PM - 12:00 AM	52.5	46.3	-	54.3	43.6	10.7
12:00 AM - 12:05 AM	48.6	42.5	-	50.4	40.0	10.4
12:05 AM - 12:10 AM	59.5	42.2	-	62.4	40.4	22.0

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494231
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report Number : 3107800-1

Page 2 of 3

Sample No. 2494231-20
Parameter เสียงรบกวน
Location บ้านผาเสด็จ (GPS 47P 0726659, 1619824)
Measurement Date Aug 28 - Aug 29, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 623381

ระดับเสียง (dB(A))						
เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	เสียงขณะมีการรบกวน		เสียงพื้นฐาน	ค่าระดับการรบกวน
			กลางวัน	กลางคืน		
12:10 AM - 12:15 AM	62.9	42.4	-	65.9	40.3	25.6
12:15 AM - 12:20 AM	55.4	42.1	-	58.2	39.9	18.3
12:20 AM - 12:25 AM	44.6	42.0	-	44.1	39.5	4.6
12:25 AM - 12:30 AM	57.2	42.2	-	60.1	38.6	21.5
12:30 AM - 12:35 AM	48.2	42.9	-	49.7	39.6	10.1
12:35 AM - 12:40 AM	46.5	43.9	-	46.0	41.6	4.4
12:40 AM - 12:45 AM	62.8	47.3	-	65.7	43.2	22.5
12:45 AM - 12:50 AM	54.9	45.2	-	57.4	43.1	14.3
12:50 AM - 12:55 AM	44.8	47.7	-	n/a	44.5	-
12:55 AM - 01:00 AM	43.8	54.0	-	n/a	49.1	-
01:00 AM - 01:05 AM	55.5	48.3	-	57.6	44.7	12.9
01:05 AM - 01:10 AM	49.6	48.3	-	46.7	44.2	2.5
01:10 AM - 01:15 AM	49.8	48.0	-	48.1	44.7	3.4
01:15 AM - 01:20 AM	46.2	49.5	-	n/a	45.8	-
01:20 AM - 01:25 AM	56.0	46.7	-	58.5	44.9	13.6
01:25 AM - 01:30 AM	45.2	46.1	-	n/a	42.1	-
01:30 AM - 01:35 AM	44.4	42.1	-	43.5	41.0	2.5
01:35 AM - 01:40 AM	56.4	42.0	-	59.2	40.6	18.6
01:40 AM - 01:45 AM	40.1	43.4	-	n/a	42.3	-
01:45 AM - 01:50 AM	68.6	43.9	-	71.6	42.8	28.8
01:50 AM - 01:55 AM	43.2	43.6	-	n/a	41.8	-
01:55 AM - 02:00 AM	40.6	42.1	-	n/a	40.8	-
02:00 AM - 02:05 AM	51.8	41.6	-	54.4	40.3	14.1
02:05 AM - 02:10 AM	52.1	40.0	-	54.8	38.6	16.2
02:10 AM - 02:15 AM	62.6	39.8	-	65.6	38.5	27.1
02:15 AM - 02:20 AM	60.9	40.2	-	63.9	38.5	25.4
02:20 AM - 02:25 AM	39.5	41.2	-	n/a	38.1	-
02:25 AM - 02:30 AM	38.2	42.6	-	n/a	39.6	-
02:30 AM - 02:35 AM	52.0	41.4	-	54.6	39.5	15.1
02:35 AM - 02:40 AM	44.4	40.9	-	44.8	39.2	5.6
02:40 AM - 02:45 AM	52.2	40.4	-	54.9	38.2	16.7
02:45 AM - 02:50 AM	50.1	41.3	-	52.5	39.3	13.2
02:50 AM - 02:55 AM	53.5	40.4	-	56.3	38.3	18.0
02:55 AM - 03:00 AM	50.9	41.1	-	53.4	38.6	14.8
03:00 AM - 03:05 AM	40.6	40.4	-	30.1	38.1	-8.0
03:05 AM - 03:10 AM	49.3	40.6	-	51.7	38.5	13.2
03:10 AM - 03:15 AM	49.1	41.9	-	51.2	38.8	12.4
03:15 AM - 03:20 AM	46.8	40.9	-	48.5	37.8	10.7
03:20 AM - 03:25 AM	51.0	41.8	-	53.4	38.8	14.6
03:25 AM - 03:30 AM	48.3	48.5	-	n/a	38.4	-

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Approved by

ADDRESS 104 Phatthanakan Rd., Phatthanakan Rd., Khwaeng Phatthanakan, Khet Suan Luang, Bangkok 10250 Thailand TEL: +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 : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494231
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report Number : 3107800-1

Page 3 of 3

Sample No. 2494231-20
Parameter เสียงรบกวน
Location บ้านผาเสด็จ (GPS 47P 0726659, 1619824)
Measurement Date Aug 28 - Aug 29, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 623381

ระดับเสียง (dB(A))						
เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	เสียงขณะมีการรบกวน		เสียงพื้นฐาน	ค่าระดับการรบกวน
			กลางวัน	กลางคืน		
03:30 AM - 03:35 AM	57.9	43.4	-	60.7	38.8	21.9
03:35 AM - 03:40 AM	65.8	41.8	-	68.8	39.2	29.6
03:40 AM - 03:45 AM	53.3	43.1	-	55.9	39.6	16.3
03:45 AM - 03:50 AM	53.4	42.3	-	56.0	38.6	17.4
03:50 AM - 03:55 AM	55.9	44.0	-	58.6	38.4	20.2
03:55 AM - 04:00 AM	56.8	46.6	-	59.4	39.5	19.9
04:00 AM - 04:05 AM	60.6	43.1	-	63.5	39.0	24.5
04:05 AM - 04:10 AM	61.5	44.9	-	64.4	38.8	25.6
04:10 AM - 04:15 AM	57.4	44.9	-	60.1	38.2	21.9
04:15 AM - 04:20 AM	57.0	45.6	-	59.7	38.9	20.8
04:20 AM - 04:25 AM	50.7	47.2	-	51.1	39.5	11.6
04:25 AM - 04:30 AM	50.7	47.8	-	50.6	40.0	10.6
04:30 AM - 04:35 AM	49.7	48.1	-	47.6	39.9	7.7
04:35 AM - 04:40 AM	52.1	70.7	-	n/a	41.8	-
04:40 AM - 04:45 AM	50.9	66.2	-	n/a	39.8	-
04:45 AM - 04:50 AM	44.9	47.7	-	n/a	39.4	-
04:50 AM - 04:55 AM	47.9	48.0	-	n/a	39.5	-
04:55 AM - 05:00 AM	51.7	47.0	-	52.9	40.1	12.8
05:00 AM - 05:05 AM	54.1	48.3	-	55.8	40.0	15.8
05:05 AM - 05:10 AM	59.4	49.3	-	62.0	40.6	21.4
05:10 AM - 05:15 AM	56.0	50.6	-	57.5	41.4	16.1
05:15 AM - 05:20 AM	53.7	50.9	-	53.5	41.1	12.4
05:20 AM - 05:25 AM	49.6	49.8	-	n/a	41.2	-
05:25 AM - 05:30 AM	49.4	50.3	-	n/a	42.0	-
05:30 AM - 05:35 AM	64.9	51.7	-	67.7	44.4	23.3
05:35 AM - 05:40 AM	52.6	51.7	-	48.3	44.1	4.2
05:40 AM - 05:45 AM	49.3	52.0	-	n/a	45.0	-
05:45 AM - 05:50 AM	53.9	52.4	-	51.6	44.8	6.8
05:50 AM - 05:55 AM	50.6	51.2	-	n/a	44.8	-
05:55 AM - 06:00 AM	51.4	51.0	-	43.8	44.7	-0.9
06:00 AM - 07:00 AM	55.8	47.2	55.2	-	42.7	12.5
07:00 AM - 08:00 AM	50.4	46.7	48.0	-	41.8	6.2

ตามมาตรฐาน

Reference Method :

- In-house method : STM 06-001 based on ISO 1996-1 : 2016
- ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงการรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2567

มาตรฐาน

- ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
- ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานมลพิษทางเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561

Remark:

- ระดับเสียงจากแหล่งกำเนิด ทางตรวจวัด วันที่ 28-29 สิงหาคม 2567
- ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No 2494233-20 วันที่ตรวจวัด 28-29 สิงหาคม 2567)
- n/a: ไม่สามารถคำนวณระดับเสียงขณะมีการรบกวนเนื่องจากระดับเสียงจากแหล่งกำเนิดน้อยกว่าระดับเสียงขณะไม่มีการรบกวน

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ADDRESS 104 Phatthanakan Rd., Phatthanakan Rd., Khwaeng Phatthanakan, Khet Suan Luang, Bangkok 10250 Thailand TEL: +66 0 2760 3000 FAX: +66 0 2760 3197
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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494231
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report Number : 3107801-1

Page 1 of 3

Sample No. 2494231-21
Parameter เสียงรบกวน
Location บ้านเขาเสด็จ (GPS 47P 0726659, 1619824)
Measurement Date Aug 29 - Aug 30, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 623381

ระดับเสียง (dB(A))						
เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	เสียงขณะมีการรบกวน		เสียงพื้นฐาน	ค่าระดับการรบกวน
			กลางวัน	กลางคืน		
08:00 AM - 09:00 AM	57.1	48.6	56.4	-	39.7	16.7
09:00 AM - 10:00 AM	56.7	48.3	56.0	-	37.3	18.7
10:00 AM - 11:00 AM	56.4	47.2	55.8	-	38.2	17.6
11:00 AM - 12:00 PM	57.1	47.3	56.6	-	37.7	18.9
12:00 PM - 01:00 PM	55.6	46.1	55.1	-	36.7	18.4
01:00 PM - 02:00 PM	63.6	49.1	63.4	-	37.4	26.0
02:00 PM - 03:00 PM	63.0	51.7	62.7	-	38.7	24.0
03:00 PM - 04:00 PM	54.2	47.6	53.1	-	38.0	15.1
04:00 PM - 05:00 PM	54.3	50.6	51.9	-	39.5	12.4
05:00 PM - 06:00 PM	62.7	46.4	62.6	-	41.9	20.7
06:00 PM - 07:00 PM	60.4	53.6	59.4	-	42.5	16.9
07:00 PM - 08:00 PM	60.4	57.7	57.1	-	46.9	10.2
08:00 PM - 09:00 PM	60.2	46.8	60.0	-	47.3	12.7
09:00 PM - 10:00 PM	57.1	43.4	56.9	-	46.6	10.3
10:00 PM - 10:05 PM	55.7	44.2	-	58.4	45.8	12.6
10:05 PM - 10:10 PM	52.3	43.7	-	54.7	45.9	8.8
10:10 PM - 10:15 PM	47.1	43.8	-	47.4	44.8	2.6
10:15 PM - 10:20 PM	52.0	43.8	-	54.3	45.8	8.5
10:20 PM - 10:25 PM	48.2	44.3	-	48.9	45.0	3.9
10:25 PM - 10:30 PM	48.4	44.1	-	49.4	42.3	7.1
10:30 PM - 10:35 PM	46.9	45.4	-	44.6	41.6	3.0
10:35 PM - 10:40 PM	51.4	43.8	-	53.6	40.5	13.1
10:40 PM - 10:45 PM	48.8	43.5	-	50.3	42.0	8.3
10:45 PM - 10:50 PM	49.3	43.6	-	50.9	42.2	8.7
10:50 PM - 10:55 PM	46.2	44.8	-	43.6	43.9	-0.3
10:55 PM - 11:00 PM	47.0	44.7	-	46.1	44.5	1.6
11:00 PM - 11:05 PM	45.1	45.5	-	n/a	45.5	-
11:05 PM - 11:10 PM	50.6	45.8	-	51.9	45.8	6.1
11:10 PM - 11:15 PM	47.0	44.5	-	46.4	45.7	0.7
11:15 PM - 11:20 PM	48.1	44.6	-	48.5	44.9	3.6
11:20 PM - 11:25 PM	48.0	44.3	-	48.6	45.4	3.2
11:25 PM - 11:30 PM	46.8	44.1	-	46.5	45.5	1.0
11:30 PM - 11:35 PM	49.0	44.0	-	50.3	45.7	4.6
11:35 PM - 11:40 PM	52.7	44.7	-	55.0	45.4	9.6
11:40 PM - 11:45 PM	42.5	42.5	-	n/a	44.6	-
11:45 PM - 11:50 PM	66.1	42.3	-	69.1	44.7	24.4
11:50 PM - 11:55 PM	44.2	42.6	-	42.1	44.8	-2.7
11:55 PM - 12:00 AM	43.4	43.6	-	n/a	43.6	-
12:00 AM - 12:05 AM	45.0	43.9	-	41.5	40.0	1.5
12:05 AM - 12:10 AM	45.7	43.1	-	45.2	40.4	4.8

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494231
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report Number : 3107801-1

Page 2 of 3

Sample No. 2494231-21
Parameter เสียงรบกวน
Location บ้านเขาเสด็จ (GPS 47P 0726659, 1619824)
Measurement Date Aug 29 - Aug 30, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 623381

ระดับเสียง (dB(A))						
เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	เสียงขณะมีการรบกวน		เสียงพื้นฐาน	ค่าระดับการรบกวน
			กลางวัน	กลางคืน		
12:10 AM - 12:15 AM	50.3	41.8	-	52.6	40.3	12.3
12:15 AM - 12:20 AM	46.4	43.2	-	46.6	39.9	6.7
12:20 AM - 12:25 AM	46.4	43.5	-	46.3	39.5	6.8
12:25 AM - 12:30 AM	44.1	43.7	-	36.5	38.6	-2.1
12:30 AM - 12:35 AM	46.5	44.5	-	45.2	39.6	5.6
12:35 AM - 12:40 AM	49.3	45.5	-	50.0	41.6	8.4
12:40 AM - 12:45 AM	43.1	45.7	-	n/a	43.2	-
12:45 AM - 12:50 AM	64.5	46.0	-	67.4	43.1	24.3
12:50 AM - 12:55 AM	44.3	45.2	-	n/a	44.5	-
12:55 AM - 01:00 AM	42.0	45.6	-	n/a	49.1	-
01:00 AM - 01:05 AM	43.5	46.4	-	n/a	44.7	-
01:05 AM - 01:10 AM	43.8	46.6	-	n/a	44.2	-
01:10 AM - 01:15 AM	46.8	46.5	-	38.0	44.7	-6.7
01:15 AM - 01:20 AM	44.7	45.8	-	n/a	45.8	-
01:20 AM - 01:25 AM	43.6	45.5	-	n/a	44.9	-
01:25 AM - 01:30 AM	43.3	45.4	-	n/a	42.1	-
01:30 AM - 01:35 AM	47.7	45.5	-	46.7	41.0	5.7
01:35 AM - 01:40 AM	43.6	45.9	-	n/a	40.6	-
01:40 AM - 01:45 AM	66.7	46.2	-	69.7	42.3	27.4
01:45 AM - 01:50 AM	42.2	45.3	-	n/a	42.8	-
01:50 AM - 01:55 AM	42.7	45.6	-	n/a	41.8	-
01:55 AM - 02:00 AM	43.1	46.0	-	n/a	40.8	-
02:00 AM - 02:05 AM	47.6	46.8	-	42.9	40.3	2.6
02:05 AM - 02:10 AM	43.6	47.9	-	n/a	38.6	-
02:10 AM - 02:15 AM	44.0	47.4	-	n/a	38.5	-
02:15 AM - 02:20 AM	67.7	47.3	-	70.7	38.5	32.2
02:20 AM - 02:25 AM	43.3	47.7	-	n/a	38.1	-
02:25 AM - 02:30 AM	47.2	47.6	-	n/a	39.6	-
02:30 AM - 02:35 AM	42.8	47.0	-	n/a	39.5	-
02:35 AM - 02:40 AM	44.9	47.2	-	n/a	39.2	-
02:40 AM - 02:45 AM	40.4	47.4	-	n/a	38.2	-
02:45 AM - 02:50 AM	41.5	46.5	-	n/a	39.3	-
02:50 AM - 02:55 AM	46.5	46.4	-	33.1	38.3	-5.2
02:55 AM - 03:00 AM	43.4	46.9	-	n/a	38.6	-
03:00 AM - 03:05 AM	50.1	47.0	-	50.2	38.1	12.1
03:05 AM - 03:10 AM	49.2	46.2	-	49.2	38.5	10.7
03:10 AM - 03:15 AM	42.2	45.9	-	n/a	38.8	-
03:15 AM - 03:20 AM	46.8	46.5	-	38.0	37.8	0.2
03:20 AM - 03:25 AM	50.4	46.0	-	51.4	38.8	12.6
03:25 AM - 03:30 AM	46.2	45.2	-	42.3	38.4	3.9

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Approved by





Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494231
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report Number : 3107801-1

Page 3 of 3

Sample No. 2494231-21
Parameter เสียงรบกวน
Location บ้านผาเสด็จ (GPS 47P 0726659, 1619824)
Measurement Date Aug 29 - Aug 30, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 623381

ระดับเสียง (dB(A))						
เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีกิจกรรม	เสียงขณะมีการรวมกัน		เสียงพื้นฐาน	ค่าระดับการรวมกัน
			กลางวัน	กลางคืน		
03:30 AM - 03:35 AM	49.5	45.6	-	50.2	38.8	11.4
03:35 AM - 03:40 AM	66.7	44.8	-	69.7	39.2	30.5
03:40 AM - 03:45 AM	51.6	44.7	-	53.6	39.6	14.0
03:45 AM - 03:50 AM	30.0	45.0	-	51.3	38.6	12.7
03:50 AM - 03:55 AM	65.1	46.5	-	68.0	38.4	29.6
03:55 AM - 04:00 AM	63.8	45.8	-	66.7	39.5	27.2
04:00 AM - 04:05 AM	60.6	45.3	-	63.5	39.0	24.5
04:05 AM - 04:10 AM	63.2	44.6	-	66.1	38.8	27.3
04:10 AM - 04:15 AM	62.4	46.9	-	65.3	38.2	27.1
04:15 AM - 04:20 AM	61.4	43.4	-	64.3	38.9	25.4
04:20 AM - 04:25 AM	61.7	43.0	-	64.6	39.5	25.1
04:25 AM - 04:30 AM	58.1	42.7	-	61.0	40.0	21.0
04:30 AM - 04:35 AM	54.7	67.3	-	n/a	39.9	-
04:35 AM - 04:40 AM	53.9	44.3	-	56.4	41.8	14.6
04:40 AM - 04:45 AM	52.1	46.0	-	53.9	39.8	14.1
04:45 AM - 04:50 AM	56.8	44.9	-	59.5	39.4	20.1
04:50 AM - 04:55 AM	58.2	44.4	-	61.0	39.5	21.5
04:55 AM - 05:00 AM	59.2	43.6	-	62.1	40.1	22.0
05:00 AM - 05:05 AM	57.9	45.0	-	60.7	40.0	20.7
05:05 AM - 05:10 AM	59.8	44.9	-	62.7	40.6	22.1
05:10 AM - 05:15 AM	58.2	44.9	-	61.0	41.4	19.6
05:15 AM - 05:20 AM	59.5	45.3	-	62.3	41.1	21.2
05:20 AM - 05:25 AM	59.3	45.2	-	62.1	41.2	20.9
05:25 AM - 05:30 AM	63.8	49.8	-	66.6	42.0	24.6
05:30 AM - 05:35 AM	58.6	46.4	-	61.3	44.4	16.9
05:35 AM - 05:40 AM	51.4	48.6	-	51.2	44.1	7.1
05:40 AM - 05:45 AM	51.7	46.0	-	53.3	45.0	8.3
05:45 AM - 05:50 AM	50.1	46.9	-	50.3	44.8	5.5
05:50 AM - 05:55 AM	54.1	46.6	-	56.2	44.8	11.4
05:55 AM - 06:00 AM	56.5	45.3	-	59.2	44.7	14.5
06:00 AM - 07:00 AM	56.9	46.6	56.5	-	42.7	13.8
07:00 AM - 08:00 AM	59.0	46.6	58.7	-	41.8	16.9
ค่ามาตรฐาน						≤ 10

Reference Method :

- In-house method : STM 06-001 based on ISO 1996-1 : 2016
- ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงการรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2567

มาตรฐาน

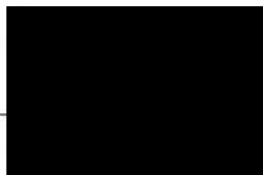
- ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
- ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานเสียงทางเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561

Remark:

- ระดับเสียงจากแหล่งกำเนิด ทำการตรวจวัด วันที่ 29-30 สิงหาคม 2567
- ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีกิจกรรม (Sample No.2494233-21 วันที่ตรวจวัด 29-30 สิงหาคม 2567)
- ก/ล: ไม่สามารถคำนวณระดับเสียงขณะมีการรบกวนเนื่องจากระดับเสียงจากแหล่งกำเนิดมีค่าต่ำกว่าระดับเสียงขณะไม่มีกิจกรรม

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 without in full.

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494231
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report Number : 3107802-1

Page 1 of 3

Sample No. 2494231-22
Parameter เสียงรบกวน
Location บ้านผาเสด็จ (ระยะดำเนินการ) (GPS 47P 0726066, 1617923)
Measurement Date Aug 23 - Aug 24, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 00572562

ระดับเสียง (dB(A))						
เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีกิจกรรม	เสียงขณะมีการรวมกัน		เสียงพื้นฐาน	ค่าระดับการรวมกัน
			กลางวัน	กลางคืน		
08:00 AM - 09:00 AM	61.7	57.3	59.7	-	53.7	6.0
09:00 AM - 10:00 AM	63.3	56.4	62.3	-	54.4	7.9
10:00 AM - 11:00 AM	63.0	56.2	62.0	-	53.8	8.2
11:00 AM - 12:00 PM	62.9	56.9	61.6	-	54.6	7.0
12:00 PM - 01:00 PM	62.9	56.0	61.9	-	53.7	8.2
01:00 PM - 02:00 PM	62.7	56.1	61.6	-	54.0	7.6
02:00 PM - 03:00 PM	61.8	56.8	60.1	-	54.5	5.6
03:00 PM - 04:00 PM	62.4	56.8	61.0	-	54.4	6.6
04:00 PM - 05:00 PM	61.9	57.9	59.7	-	56.1	3.6
05:00 PM - 06:00 PM	63.8	59.7	61.7	-	57.9	3.8
06:00 PM - 07:00 PM	63.4	59.7	61.0	-	57.7	3.3
07:00 PM - 08:00 PM	63.6	60.0	61.1	-	58.0	3.1
08:00 PM - 09:00 PM	62.8	59.5	60.1	-	57.5	2.6
09:00 PM - 10:00 PM	62.6	59.5	59.7	-	57.4	2.3
10:00 PM - 10:05 PM	62.2	60.1	-	61.0	57.6	3.4
10:05 PM - 10:10 PM	62.7	59.1	-	63.2	57.3	5.9
10:10 PM - 10:15 PM	65.1	58.8	-	66.9	56.5	10.4
10:15 PM - 10:20 PM	64.1	59.2	-	65.4	57.7	7.7
10:20 PM - 10:25 PM	63.6	59.1	-	64.7	57.1	7.6
10:25 PM - 10:30 PM	61.8	59.8	-	60.5	57.3	3.2
10:30 PM - 10:35 PM	61.9	58.7	-	62.1	56.4	5.7
10:35 PM - 10:40 PM	61.5	56.3	-	62.9	54.2	8.7
10:40 PM - 10:45 PM	61.2	55.8	-	62.7	53.8	8.9
10:45 PM - 10:50 PM	60.5	55.6	-	61.8	54.2	7.6
10:50 PM - 10:55 PM	61.1	56.1	-	62.4	53.7	8.7
10:55 PM - 11:00 PM	61.4	56.3	-	62.8	54.0	8.8
11:00 PM - 11:05 PM	65.0	57.6	-	67.1	55.6	11.5
11:05 PM - 11:10 PM	63.3	57.9	-	64.8	54.7	10.1
11:10 PM - 11:15 PM	62.8	56.7	-	64.6	54.7	9.9
11:15 PM - 11:20 PM	61.7	56.6	-	63.1	55.0	8.1
11:20 PM - 11:25 PM	61.6	56.9	-	62.8	54.4	8.4
11:25 PM - 11:30 PM	60.9	58.1	-	60.7	56.1	4.6
11:30 PM - 11:35 PM	60.1	56.1	-	60.9	53.4	7.5
11:35 PM - 11:40 PM	59.8	57.2	-	59.3	54.1	5.2
11:40 PM - 11:45 PM	59.7	58.0	-	57.8	55.1	2.7
11:45 PM - 11:50 PM	59.7	56.8	-	59.6	54.6	5.0
11:50 PM - 11:55 PM	58.9	56.1	-	58.7	53.6	5.1
11:55 PM - 12:00 AM	59.7	56.6	-	59.8	52.8	7.0
12:00 AM - 12:05 AM	60.0	57.4	-	59.5	54.7	4.8
12:05 AM - 12:10 AM	60.7	59.0	-	58.8	56.2	2.6

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494231
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report Number : 3107802-1

Page 2 of 3

Sample No. 2494231-22
Parameter เสียงรบกวน
Location ริมรั้วด้านหน้าโรงงาน (ระยะดำเนินการ) (GPS 47P 0726066, 1617923)
Measurement Date Aug 23 - Aug 24, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 00572562

ระดับเสียง (dB(A))						
เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีกิจกรรม	เสียงขณะมีการรบกวน		เสียงพื้นฐาน	ค่าระดับการรบกวน
			กลางวัน	กลางคืน		
12:10 AM - 12:15 AM	61.5	58.5	-	61.5	56.6	4.9
12:15 AM - 12:20 AM	62.2	58.0	-	63.1	55.6	7.5
12:20 AM - 12:25 AM	59.0	56.8	-	58.0	55.2	2.8
12:25 AM - 12:30 AM	60.0	57.3	-	59.7	54.8	4.9
12:30 AM - 12:35 AM	59.0	57.1	-	57.5	54.0	3.5
12:35 AM - 12:40 AM	60.0	56.2	-	60.7	54.3	6.4
12:40 AM - 12:45 AM	59.1	56.8	-	58.2	54.4	3.8
12:45 AM - 12:50 AM	59.2	57.9	-	56.3	54.2	2.1
12:50 AM - 12:55 AM	60.9	57.9	-	60.9	54.7	6.2
12:55 AM - 01:00 AM	58.9	56.1	-	58.7	54.0	4.7
01:00 AM - 01:05 AM	59.9	55.5	-	60.9	52.7	8.2
01:05 AM - 01:10 AM	60.4	56.4	-	61.2	54.4	6.8
01:10 AM - 01:15 AM	60.9	56.2	-	62.1	53.5	8.6
01:15 AM - 01:20 AM	61.7	55.8	-	63.4	53.6	9.8
01:20 AM - 01:25 AM	59.7	55.2	-	60.8	53.0	7.8
01:25 AM - 01:30 AM	61.7	55.5	-	63.5	53.6	9.9
01:30 AM - 01:35 AM	60.7	54.9	-	62.4	52.8	9.6
01:35 AM - 01:40 AM	60.7	55.2	-	62.3	53.1	9.2
01:40 AM - 01:45 AM	59.9	55.1	-	61.2	53.2	8.0
01:45 AM - 01:50 AM	61.2	55.3	-	62.9	53.0	9.9
01:50 AM - 01:55 AM	61.9	54.9	-	63.9	53.2	10.7
01:55 AM - 02:00 AM	62.8	55.6	-	64.9	53.5	11.4
02:00 AM - 02:05 AM	61.8	55.1	-	63.8	53.1	10.7
02:05 AM - 02:10 AM	62.1	55.0	-	64.2	52.3	11.9
02:10 AM - 02:15 AM	62.6	54.9	-	64.8	52.9	11.9
02:15 AM - 02:20 AM	61.1	55.2	-	62.8	52.9	9.9
02:20 AM - 02:25 AM	61.1	55.5	-	62.7	53.4	9.3
02:25 AM - 02:30 AM	61.7	56.0	-	63.3	53.2	10.1
02:30 AM - 02:35 AM	60.4	55.6	-	61.7	53.2	8.5
02:35 AM - 02:40 AM	60.5	55.7	-	61.8	53.0	8.8
02:40 AM - 02:45 AM	60.8	55.2	-	62.4	53.3	9.1
02:45 AM - 02:50 AM	62.4	56.2	-	64.2	53.7	10.5
02:50 AM - 02:55 AM	61.8	55.1	-	63.8	52.9	10.9
02:55 AM - 03:00 AM	60.3	55.1	-	61.7	52.8	8.9
03:00 AM - 03:05 AM	60.9	56.1	-	62.2	53.6	8.6
03:05 AM - 03:10 AM	61.9	54.6	-	64.0	52.6	11.4
03:10 AM - 03:15 AM	59.9	54.7	-	61.3	52.7	8.6
03:15 AM - 03:20 AM	60.3	58.4	-	58.6	52.9	5.9
03:20 AM - 03:25 AM	62.3	56.6	-	63.9	52.0	11.9
03:25 AM - 03:30 AM	60.3	56.7	-	60.8	52.8	8.0

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494231
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report Number : 3107802-1

Page 3 of 3

Sample No. 2494231-22
Parameter เสียงรบกวน
Location ริมรั้วด้านหน้าโรงงาน (ระยะดำเนินการ) (GPS 47P 0726066, 1617923)
Measurement Date Aug 23 - Aug 24, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 00572562

ระดับเสียง (dB(A))						
เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีกิจกรรม	เสียงขณะมีการรบกวน		เสียงพื้นฐาน	ค่าระดับการรบกวน
			กลางวัน	กลางคืน		
03:30 AM - 03:35 AM	61.7	56.9	-	63.0	53.6	9.4
03:35 AM - 03:40 AM	56.2	56.2	-	61.5	53.4	8.1
03:40 AM - 03:45 AM	61.4	56.9	-	62.5	54.1	8.4
03:45 AM - 03:50 AM	61.2	56.4	-	62.5	53.3	9.2
03:50 AM - 03:55 AM	62.2	56.5	-	63.8	53.1	10.7
03:55 AM - 04:00 AM	60.6	56.8	-	61.3	52.9	8.4
04:00 AM - 04:05 AM	61.5	55.7	-	63.2	53.8	9.4
04:05 AM - 04:10 AM	61.3	56.9	-	62.3	54.0	8.3
04:10 AM - 04:15 AM	61.7	56.8	-	63.0	54.8	8.2
04:15 AM - 04:20 AM	62.5	57.4	-	63.9	54.7	9.2
04:20 AM - 04:25 AM	60.8	57.2	-	61.3	54.3	7.0
04:25 AM - 04:30 AM	61.5	56.8	-	62.7	54.6	8.1
04:30 AM - 04:35 AM	60.5	57.0	-	60.9	54.5	6.4
04:35 AM - 04:40 AM	61.4	57.6	-	62.1	54.9	7.2
04:40 AM - 04:45 AM	60.3	57.6	-	60.0	55.4	4.6
04:45 AM - 04:50 AM	60.9	58.3	-	60.4	55.2	5.2
04:50 AM - 04:55 AM	61.5	57.9	-	62.0	55.0	7.0
04:55 AM - 05:00 AM	61.9	58.1	-	62.6	55.6	7.0
05:00 AM - 05:05 AM	61.1	58.0	-	61.2	55.5	5.7
05:05 AM - 05:10 AM	61.7	57.9	-	62.4	54.8	7.6
05:10 AM - 05:15 AM	61.6	58.6	-	61.6	56.2	5.4
05:15 AM - 05:20 AM	61.6	58.2	-	61.9	56.0	5.9
05:20 AM - 05:25 AM	60.4	57.4	-	60.4	54.8	5.6
05:25 AM - 05:30 AM	61.7	58.0	-	62.3	55.3	7.0
05:30 AM - 05:35 AM	61.8	58.3	-	62.2	55.5	6.7
05:35 AM - 05:40 AM	61.3	58.6	-	61.0	55.6	5.4
05:40 AM - 05:45 AM	62.5	58.9	-	63.0	55.8	7.2
05:45 AM - 05:50 AM	60.9	58.6	-	60.0	56.1	3.9
05:50 AM - 05:55 AM	60.6	58.4	-	59.6	55.9	3.7
05:55 AM - 06:00 AM	62.8	59.2	-	63.3	56.5	6.8
06:00 AM - 07:00 AM	62.4	60.0	58.7	-	57.6	1.1
07:00 AM - 08:00 AM	61.9	59.4	58.3	-	57.2	1.1
หมายเหตุ						≤ 10

หมายเหตุ

Reference Method :

1. In-house method : STM 06-001 based on ISO 1996-1 : 2016

2. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงการรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2567

มาตรฐาน

1. ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

2. ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานและค่าเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561

Remark:

1. ระดับเสียงจากแหล่งกำเนิด ทำการตรวจวัด วันที่ 23-24 สิงหาคม 2567

2. ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีกิจกรรม (Sample No 2494233-1 วันที่ตรวจวัด 23-24 สิงหาคม 2567)

3. ก/ว: ไม่สามารถคำนวณระดับเสียงขณะมีการรบกวนเนื่องจากระดับเสียงจากแหล่งกำเนิดสูงกว่าระดับเสียงขณะไม่มีกิจกรรม

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Assistant Manager

ADDRESS 104 Phatthanakan 40, Phatthanakan Rd., Khwaeng Phatthanakan, Khet Suan Luang, Bangkok 10250 Thailand TEL: +66 0 2760 3000 FAX: +66 0 2760 3197
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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494231
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report Number : 3107803-1

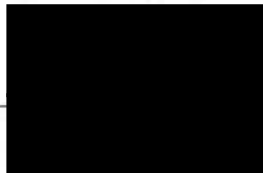
Page 1 of 3

Sample No. 2494231-23
Parameter เสียงรบกวน
Location ริมรั้วด้านหน้าโรงงาน (ระยะดำเนินการ) (GPS 47P 0726066, 1617923)
Measurement Date Aug 24 - Aug 25, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 00572562

ระดับเสียง (dB(A))					
เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีกิจกรรม	เสียงขณะมีการรบกวน		ค่าระดับการรบกวน
			กลางวัน	กลางคืน	
08:00 AM - 09:00 AM	64.1	58.6	62.7	-	55.7
09:00 AM - 10:00 AM	64.4	56.6	63.6	-	54.3
10:00 AM - 11:00 AM	64.4	57.0	63.5	-	54.9
11:00 AM - 12:00 PM	64.0	56.3	63.2	-	54.0
12:00 PM - 01:00 PM	62.6	56.4	61.4	-	54.0
01:00 PM - 02:00 PM	63.4	56.7	62.4	-	54.5
02:00 PM - 03:00 PM	62.3	56.6	60.9	-	54.2
03:00 PM - 04:00 PM	62.2	56.9	60.7	-	54.6
04:00 PM - 05:00 PM	62.9	58.6	60.9	-	56.5
05:00 PM - 06:00 PM	63.3	59.4	61.0	-	57.3
06:00 PM - 07:00 PM	62.8	60.1	59.5	-	58.2
07:00 PM - 08:00 PM	61.5	59.3	57.5	-	57.4
08:00 PM - 09:00 PM	62.0	55.9	60.8	-	53.9
09:00 PM - 10:00 PM	62.8	57.5	61.3	-	54.4
10:00 PM - 10:05 PM	62.4	57.2	-	63.8	55.2
10:05 PM - 10:10 PM	62.2	57.8	-	63.2	55.4
10:10 PM - 10:15 PM	62.1	58.0	-	63.0	56.2
10:15 PM - 10:20 PM	60.8	56.6	-	61.7	54.5
10:20 PM - 10:25 PM	61.5	57.1	-	62.5	55.4
10:25 PM - 10:30 PM	61.8	57.2	-	63.0	54.9
10:30 PM - 10:35 PM	62.4	57.2	-	63.8	54.7
10:35 PM - 10:40 PM	62.8	57.2	-	64.4	55.0
10:40 PM - 10:45 PM	62.9	56.7	-	64.7	54.8
10:45 PM - 10:50 PM	60.8	56.8	-	61.6	54.8
10:50 PM - 10:55 PM	61.2	56.8	-	62.2	54.1
10:55 PM - 11:00 PM	61.6	57.3	-	62.6	54.9
11:00 PM - 11:05 PM	61.1	57.8	-	61.4	55.9
11:05 PM - 11:10 PM	60.3	56.8	-	60.7	54.5
11:10 PM - 11:15 PM	59.9	56.1	-	60.6	54.1
11:15 PM - 11:20 PM	59.5	55.4	-	60.4	53.6
11:20 PM - 11:25 PM	61.2	56.1	-	62.6	54.2
11:25 PM - 11:30 PM	59.9	59.3	-	54.0	55.6
11:30 PM - 11:35 PM	59.2	61.8	-	-	55.6
11:35 PM - 11:40 PM	59.2	57.0	-	-	-
11:40 PM - 11:45 PM	59.2	55.1	-	58.2	54.7
11:45 PM - 11:50 PM	60.4	56.2	-	60.1	53.5
11:50 PM - 11:55 PM	59.8	55.1	-	61.3	53.2
11:55 PM - 12:00 AM	61.2	55.5	-	61.0	53.4
12:00 AM - 12:05 AM	60.0	54.4	-	63.2	53.3
12:05 AM - 12:10 AM	60.3	55.7	-	61.6	51.9
				61.5	53.0

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494231
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report Number : 3107803-1

Page 2 of 3

Sample No. 2494231-23
Parameter เสียงรบกวน
Location ริมรั้วด้านหน้าโรงงาน (ระยะดำเนินการ) (GPS 47P 0726066, 1617923)
Measurement Date Aug 24 - Aug 25, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 00572562

ระดับเสียง (dB(A))					
เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีกิจกรรม	เสียงขณะมีการรบกวน		ค่าระดับการรบกวน
			กลางวัน	กลางคืน	
12:10 AM - 12:15 AM	59.7	55.4	-	60.7	53.2
12:15 AM - 12:20 AM	61.5	56.2	-	63.0	54.0
12:20 AM - 12:25 AM	59.5	56.3	-	59.7	54.3
12:25 AM - 12:30 AM	60.5	56.0	-	61.6	54.2
12:30 AM - 12:35 AM	59.8	56.5	-	60.1	54.8
12:35 AM - 12:40 AM	61.0	56.8	-	61.9	54.8
12:40 AM - 12:45 AM	60.9	56.9	-	61.7	55.2
12:45 AM - 12:50 AM	60.0	56.9	-	60.1	54.8
12:50 AM - 12:55 AM	61.0	57.0	-	61.8	54.8
12:55 AM - 01:00 AM	60.5	57.0	-	60.9	55.0
01:00 AM - 01:05 AM	59.3	57.4	-	57.8	54.8
01:05 AM - 01:10 AM	60.9	57.2	-	61.5	55.3
01:10 AM - 01:15 AM	60.5	57.0	-	60.9	54.7
01:15 AM - 01:20 AM	60.1	57.1	-	60.1	55.6
01:20 AM - 01:25 AM	60.0	57.6	-	59.3	56.0
01:25 AM - 01:30 AM	60.5	56.6	-	61.2	55.1
01:30 AM - 01:35 AM	60.0	57.1	-	59.9	55.6
01:35 AM - 01:40 AM	60.3	57.9	-	59.6	56.1
01:40 AM - 01:45 AM	60.3	57.5	-	60.1	55.7
01:45 AM - 01:50 AM	59.9	57.8	-	58.7	55.8
01:50 AM - 01:55 AM	60.4	57.8	-	59.9	56.1
01:55 AM - 02:00 AM	60.4	58.4	-	59.1	55.7
02:00 AM - 02:05 AM	60.9	57.7	-	61.1	55.8
02:05 AM - 02:10 AM	60.4	58.2	-	59.4	55.8
02:10 AM - 02:15 AM	60.4	58.1	-	59.5	55.2
02:15 AM - 02:20 AM	60.9	58.9	-	59.6	56.4
02:20 AM - 02:25 AM	60.8	58.7	-	59.6	56.3
02:25 AM - 02:30 AM	61.0	58.4	-	60.5	56.7
02:30 AM - 02:35 AM	60.1	57.8	-	59.2	56.0
02:35 AM - 02:40 AM	60.9	58.2	-	60.6	55.7
02:40 AM - 02:45 AM	60.6	57.6	-	60.6	54.9
02:45 AM - 02:50 AM	59.9	57.9	-	58.6	55.6
02:50 AM - 02:55 AM	60.1	58.1	-	58.8	55.9
02:55 AM - 03:00 AM	60.0	58.0	-	58.7	54.8
03:00 AM - 03:05 AM	61.8	57.8	-	62.6	55.3
03:05 AM - 03:10 AM	60.5	57.9	-	60.0	55.5
03:10 AM - 03:15 AM	60.0	57.4	-	59.5	55.6
03:15 AM - 03:20 AM	60.0	57.4	-	59.5	55.0
03:20 AM - 03:25 AM	60.3	58.0	-	59.4	55.5
03:25 AM - 03:30 AM	59.8	57.5	-	58.9	54.9

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494231
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report Number : 3107803-1

Page 3 of 3

Sample No. : 2494231-23
Parameter : เสียงรบกวน
Location : ริมรั้วด้านหน้าโรงงาน (ระยะดำเนินการ) (GPS 47P 0726066, 1617923)
Measurement Date : Aug 24 - Aug 25, 2024
Measurement by : Prommee Sripatnet
Sound Level Meter : 00572562

ระดับเสียง (dB(A))						
เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	เสียงขณะมีการรบกวน		เสียงพื้นฐาน	ค่าระดับการรบกวน
			กลางวัน	กลางคืน		
03:30 AM - 03:35 AM	60.0	57.9	-	58.8	55.4	3.4
03:35 AM - 03:40 AM	60.5	57.1	-	60.8	55.2	5.6
03:40 AM - 03:45 AM	60.9	57.7	-	61.1	54.8	6.3
03:45 AM - 03:50 AM	60.6	57.1	-	61.0	54.9	6.1
03:50 AM - 03:55 AM	60.9	57.1	-	61.6	55.3	6.3
03:55 AM - 04:00 AM	61.2	57.9	-	61.5	55.6	5.9
04:00 AM - 04:05 AM	60.3	57.8	-	59.7	54.9	4.8
04:05 AM - 04:10 AM	61.8	56.9	-	63.1	54.6	8.5
04:10 AM - 04:15 AM	62.5	58.0	-	63.6	54.9	8.7
04:15 AM - 04:20 AM	60.7	58.5	-	59.7	54.0	5.7
04:20 AM - 04:25 AM	61.1	57.0	-	62.0	54.5	7.5
04:25 AM - 04:30 AM	59.4	56.7	-	59.1	54.4	4.7
04:30 AM - 04:35 AM	59.4	57.4	-	58.1	54.2	3.9
04:35 AM - 04:40 AM	59.9	56.6	-	60.2	53.7	6.5
04:40 AM - 04:45 AM	62.0	56.7	-	63.5	54.1	9.4
04:45 AM - 04:50 AM	60.1	56.5	-	60.6	53.9	6.7
04:50 AM - 04:55 AM	61.6	57.3	-	62.6	54.2	8.4
04:55 AM - 05:00 AM	60.6	58.9	-	58.7	55.7	3.0
05:00 AM - 05:05 AM	60.1	57.2	-	60.0	54.3	5.7
05:05 AM - 05:10 AM	60.9	57.3	-	61.4	54.7	6.7
05:10 AM - 05:15 AM	61.5	60.3	-	58.3	56.0	2.3
05:15 AM - 05:20 AM	59.6	58.4	-	56.4	54.9	1.5
05:20 AM - 05:25 AM	62.4	59.6	-	62.2	55.1	7.1
05:25 AM - 05:30 AM	60.5	58.8	-	58.6	54.8	3.8
05:30 AM - 05:35 AM	60.3	57.8	-	59.7	55.5	4.2
05:35 AM - 05:40 AM	62.1	58.0	-	63.0	55.0	8.0
05:40 AM - 05:45 AM	61.5	58.6	-	61.4	55.4	6.0
05:45 AM - 05:50 AM	59.8	58.3	-	57.5	55.4	2.1
05:50 AM - 05:55 AM	59.9	58.0	-	58.4	55.4	3.0
05:55 AM - 06:00 AM	60.1	58.7	-	57.5	55.9	1.6
06:00 AM - 07:00 AM	61.1	59.0	56.9	-	56.4	0.5
07:00 AM - 08:00 AM	61.1	62.3	n/a	-	56.7	-
ค่ามาตรฐาน						≤ 10

Reference Method :

1. In-house method : STM 06-001 based on ISO 1996-1 : 2016
2. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง มาตรการลดระดับเสียงการรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2567

มาตรฐาน

1. ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
2. ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานเสียงทางเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561

Remark:

1. ระดับเสียงจากแหล่งกำเนิด พิจารณาตรวจวัด วันที่ 24-25 สิงหาคม 2567
2. ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No.2494233-2 วันที่ตรวจวัด 24-25 สิงหาคม 2567)
3. n/a: ไม่สามารถคำนวณระดับเสียงขณะมีการรบกวนเนื่องจากระดับเสียงจากแหล่งกำเนิดน้อยกว่าระดับเสียงขณะไม่มีการรบกวน

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494231
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report Number : 3107804-1

Page 1 of 3

Sample No. : 2494231-24
Parameter : เสียงรบกวน
Location : ริมรั้วด้านหน้าโรงงาน (ระยะดำเนินการ) (GPS 47P 0726066, 1617923)
Measurement Date : Aug 25 - Aug 26, 2024
Measurement by : Prommee Sripatnet
Sound Level Meter : 00572562

ระดับเสียง (dB(A))						
เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	เสียงขณะมีการรบกวน		เสียงพื้นฐาน	ค่าระดับการรบกวน
			กลางวัน	กลางคืน		
08:00 AM - 09:00 AM	62.1	61.0	55.6	-	57.4	-1.8
09:00 AM - 10:00 AM	62.7	56.8	61.4	-	54.6	6.8
10:00 AM - 11:00 AM	64.0	56.2	63.2	-	54.2	9.0
11:00 AM - 12:00 PM	62.7	59.9	59.5	-	55.4	4.1
12:00 PM - 01:00 PM	62.4	56.8	61.0	-	54.2	6.8
01:00 PM - 02:00 PM	62.9	56.8	61.7	-	54.8	6.9
02:00 PM - 03:00 PM	63.5	56.3	62.6	-	54.3	8.3
03:00 PM - 04:00 PM	62.5	57.1	61.0	-	55.3	5.7
04:00 PM - 05:00 PM	62.5	57.3	60.9	-	55.4	5.5
05:00 PM - 06:00 PM	62.1	57.6	60.2	-	55.4	4.8
06:00 PM - 07:00 PM	62.5	57.8	60.7	-	55.4	5.3
07:00 PM - 08:00 PM	61.5	57.4	59.4	-	55.5	3.9
08:00 PM - 09:00 PM	60.4	59.1	54.5	-	56.7	-2.2
09:00 PM - 10:00 PM	59.9	58.5	54.3	-	55.9	-1.6
10:00 PM - 10:05 PM	59.8	57.4	-	59.1	55.2	3.9
10:05 PM - 10:10 PM	60.5	58.5	-	59.2	55.2	4.0
10:10 PM - 10:15 PM	59.3	56.7	-	58.8	54.5	4.3
10:15 PM - 10:20 PM	60.0	57.2	-	59.8	55.2	4.6
10:20 PM - 10:25 PM	59.4	57.1	-	58.5	55.2	3.3
10:25 PM - 10:30 PM	58.9	55.1	-	59.6	53.0	6.6
10:30 PM - 10:35 PM	59.9	54.7	-	61.3	53.1	8.2
10:35 PM - 10:40 PM	59.8	55.3	-	60.9	53.9	7.0
10:40 PM - 10:45 PM	60.4	54.2	-	62.2	52.3	9.9
10:45 PM - 10:50 PM	63.6	55.2	-	65.9	52.6	13.3
10:50 PM - 10:55 PM	62.8	54.5	-	65.1	52.8	12.3
10:55 PM - 11:00 PM	59.5	54.8	-	60.7	52.6	8.1
11:00 PM - 11:05 PM	58.5	54.0	-	59.6	51.3	8.3
11:05 PM - 11:10 PM	59.7	54.9	-	61.0	52.4	8.6
11:10 PM - 11:15 PM	58.2	54.7	-	58.6	51.7	6.9
11:15 PM - 11:20 PM	58.9	53.9	-	60.2	51.8	8.4
11:20 PM - 11:25 PM	58.9	55.3	-	59.4	52.9	6.5
11:25 PM - 11:30 PM	59.6	56.1	-	60.0	53.7	6.3
11:30 PM - 11:35 PM	58.3	56.3	-	57.0	53.8	3.2
11:35 PM - 11:40 PM	57.3	56.5	-	52.6	54.4	-1.8
11:40 PM - 11:45 PM	58.7	56.8	-	57.2	53.6	3.6
11:45 PM - 11:50 PM	58.1	57.4	-	52.8	54.9	-2.1
11:50 PM - 11:55 PM	58.8	58.7	-	45.4	53.9	-8.5
11:55 PM - 12:00 AM	58.8	62.3	-	n/a	54.4	-
12:00 AM - 12:05 AM	59.6	57.2	-	58.9	54.6	4.3
12:05 AM - 12:10 AM	58.3	57.3	-	54.4	55.2	-0.8

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494231
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report Number : 3107804-1

Page 2 of 3

Sample No. 2494231-24
Parameter เสียงรบกวน
Location ริมรั้วด้านหน้าโรงงาน (ระยะดำเนินการ) (GPS 47P 0726066, 1617923)
Measurement Date Aug 25 - Aug 26, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 00572562

ระดับเสียง (dB(A))						
เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	เสียงขณะมีการรบกวน		เสียงพื้นฐาน	ค่าระดับการรบกวน
			กลางวัน	กลางคืน		
12:10 AM - 12:15 AM	61.8	59.1	-	61.5	56.2	5.3
12:15 AM - 12:20 AM	58.3	58.8	-	n/a	56.9	-
12:20 AM - 12:25 AM	59.3	57.9	-	56.7	55.7	1.0
12:25 AM - 12:30 AM	58.4	57.1	-	55.5	55.0	0.5
12:30 AM - 12:35 AM	58.2	57.9	-	49.4	55.4	-6.0
12:35 AM - 12:40 AM	58.1	56.7	-	55.5	53.6	1.9
12:40 AM - 12:45 AM	59.0	56.6	-	58.3	53.7	4.6
12:45 AM - 12:50 AM	59.3	56.5	-	59.1	54.4	4.7
12:50 AM - 12:55 AM	59.1	57.1	-	57.8	53.9	3.9
12:55 AM - 01:00 AM	59.6	56.9	-	59.3	54.3	5.0
01:00 AM - 01:05 AM	60.9	56.6	-	61.9	53.9	8.0
01:05 AM - 01:10 AM	60.0	57.1	-	59.9	54.2	5.7
01:10 AM - 01:15 AM	59.6	56.8	-	59.4	54.0	5.4
01:15 AM - 01:20 AM	60.3	58.1	-	59.3	55.2	4.1
01:20 AM - 01:25 AM	59.6	57.2	-	58.9	54.2	4.7
01:25 AM - 01:30 AM	60.1	56.3	-	60.8	54.1	6.7
01:30 AM - 01:35 AM	60.7	56.5	-	61.6	54.2	7.4
01:35 AM - 01:40 AM	60.3	57.3	-	60.3	54.6	5.7
01:40 AM - 01:45 AM	60.2	56.9	-	60.5	54.4	6.1
01:45 AM - 01:50 AM	60.4	57.7	-	60.1	54.7	5.4
01:50 AM - 01:55 AM	60.7	57.3	-	61.0	54.0	7.0
01:55 AM - 02:00 AM	60.9	58.1	-	60.7	55.1	5.6
02:00 AM - 02:05 AM	61.0	57.3	-	61.6	54.5	7.1
02:05 AM - 02:10 AM	61.0	57.2	-	59.8	54.5	5.3
02:10 AM - 02:15 AM	61.2	58.6	-	60.7	55.5	5.2
02:15 AM - 02:20 AM	61.2	56.8	-	62.2	54.7	7.5
02:20 AM - 02:25 AM	60.2	58.3	-	58.7	55.6	3.1
02:25 AM - 02:30 AM	59.5	57.0	-	58.9	54.2	4.7
02:30 AM - 02:35 AM	59.7	56.1	-	60.2	53.6	6.6
02:35 AM - 02:40 AM	59.3	58.4	-	55.0	55.4	-0.4
02:40 AM - 02:45 AM	59.4	57.6	-	57.7	54.4	3.3
02:45 AM - 02:50 AM	59.3	57.2	-	58.1	54.1	4.0
02:50 AM - 02:55 AM	59.1	55.9	-	59.3	53.5	5.8
02:55 AM - 03:00 AM	59.5	56.5	-	59.5	54.1	5.4
03:00 AM - 03:05 AM	59.8	57.4	-	59.1	55.4	3.7
03:05 AM - 03:10 AM	59.3	57.3	-	58.0	55.5	2.5
03:10 AM - 03:15 AM	59.1	58.0	-	55.6	55.4	0.2
03:15 AM - 03:20 AM	59.0	57.4	-	56.9	54.2	2.7
03:20 AM - 03:25 AM	59.5	56.9	-	59.0	54.8	4.2
03:25 AM - 03:30 AM	59.7	57.2	-	59.1	54.7	4.4

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

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ADDRESS 104 Phatthanakan 40, Phatthanakan Rd., Khwaeng Phatthanakan, Khet Suan Luang, Bangkok 10250 Thailand TEL: +66 0 2760 3000 FAX: +66 0 2760 3197
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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494231
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report Number : 3107804-1

Page 3 of 3

Sample No. 2494231-24
Parameter เสียงรบกวน
Location ริมรั้วด้านหน้าโรงงาน (ระยะดำเนินการ) (GPS 47P 0726066, 1617923)
Measurement Date Aug 25 - Aug 26, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 00572562

ระดับเสียง (dB(A))						
เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	เสียงขณะมีการรบกวน		เสียงพื้นฐาน	ค่าระดับการรบกวน
			กลางวัน	กลางคืน		
03:30 AM - 03:35 AM	60.0	57.6	-	59.3	54.4	4.9
03:35 AM - 03:40 AM	59.7	57.1	-	59.2	54.9	4.3
03:40 AM - 03:45 AM	59.9	56.5	-	60.2	54.5	5.7
03:45 AM - 03:50 AM	61.5	57.5	-	62.3	54.8	7.5
03:50 AM - 03:55 AM	60.9	57.4	-	61.3	54.8	6.5
03:55 AM - 04:00 AM	60.3	56.7	-	60.8	54.4	6.4
04:00 AM - 04:05 AM	60.0	57.6	-	59.3	54.7	4.6
04:05 AM - 04:10 AM	59.2	57.0	-	58.2	54.5	3.7
04:10 AM - 04:15 AM	59.9	57.8	-	58.7	55.3	3.4
04:15 AM - 04:20 AM	59.5	57.8	-	57.6	55.0	2.6
04:20 AM - 04:25 AM	60.2	57.6	-	59.7	54.6	5.1
04:25 AM - 04:30 AM	59.3	57.0	-	58.4	54.3	4.1
04:30 AM - 04:35 AM	59.5	56.6	-	59.4	54.2	5.2
04:35 AM - 04:40 AM	60.7	56.7	-	61.5	54.1	7.4
04:40 AM - 04:45 AM	60.2	55.1	-	61.6	52.3	9.3
04:45 AM - 04:50 AM	60.7	55.2	-	62.3	53.2	9.1
04:50 AM - 04:55 AM	59.9	56.3	-	60.4	54.6	5.8
04:55 AM - 05:00 AM	61.2	57.6	-	61.7	54.2	7.5
05:00 AM - 05:05 AM	60.4	55.8	-	61.6	53.5	8.1
05:05 AM - 05:10 AM	60.2	58.3	-	58.7	55.1	3.6
05:10 AM - 05:15 AM	59.9	57.4	-	59.3	54.9	4.4
05:15 AM - 05:20 AM	59.9	56.5	-	60.2	54.8	5.4
05:20 AM - 05:25 AM	60.3	56.0	-	61.3	54.4	6.9
05:25 AM - 05:30 AM	60.3	56.9	-	60.6	54.8	5.8
05:30 AM - 05:35 AM	61.4	57.3	-	62.3	55.5	6.8
05:35 AM - 05:40 AM	62.5	55.8	-	64.5	54.2	10.3
05:40 AM - 05:45 AM	61.5	56.4	-	62.9	54.3	8.6
05:45 AM - 05:50 AM	60.7	55.2	-	62.3	53.2	9.1
05:50 AM - 05:55 AM	61.6	56.0	-	63.2	54.3	8.9
05:55 AM - 06:00 AM	60.8	57.9	-	60.7	55.6	5.1
06:00 AM - 07:00 AM	62.0	57.3	60.2	-	54.9	5.3
07:00 AM - 08:00 AM	61.9	57.3	60.1	-	55.2	4.9

ค่ามาตรฐาน

Reference Method :

- In-house method : STM 06-001 based on ISO 1996-1 : 2016
- ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงการรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2567

มาตรฐาน

- ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
- ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานมลพิษทางเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561

Remark:

- ระดับเสียงจากแหล่งกำเนิด หากรตรวจวัด วันที่ 25-26 สิงหาคม 2567
- ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No.2494233-3 วันที่ตรวจวัด 25-26 สิงหาคม 2567)
- ก/ล: ไม่สามารถคำนวณระดับเสียงขณะมีการรบกวนเนื่องจากระดับเสียงจากแหล่งกำเนิดต่ำกว่าระดับเสียงขณะไม่มีการรบกวน

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

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ADDRESS 104 Phatthanakan 40, Phatthanakan Rd., Khwaeng Phatthanakan, Khet Suan Luang, Bangkok 10250 Thailand TEL: +66 0 2760 3000 FAX: +66 0 2760 3197
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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494231
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report Number : 3107805-1

Sample No. 2494231-25
Parameter เสียงรบกวน
Location โรงงานปูนซีเมนต์ (ระยะดำเนินการ) (GPS 47P 0726066, 1617923)
Measurement Date Aug 26 - Aug 27, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 00572562

Page 1 of 3

ระดับเสียง (dB(A))						
เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	เสียงขณะมีการรบกวน		เสียงพื้นฐาน	ค่าระดับการรบกวน
			กลางวัน	กลางคืน		
08:00 AM - 09:00 AM	61.0	56.7	59.0	-	57.4	1.6
09:00 AM - 10:00 AM	62.0	56.3	60.6	-	54.0	6.6
10:00 AM - 11:00 AM	62.6	56.5	61.4	-	54.1	7.3
11:00 AM - 12:00 PM	61.9	57.1	60.2	-	53.7	6.5
12:00 PM - 01:00 PM	61.8	59.6	57.8	-	53.8	4.0
01:00 PM - 02:00 PM	61.6	56.4	60.0	-	54.3	5.7
02:00 PM - 03:00 PM	64.0	57.2	63.0	-	54.7	8.3
03:00 PM - 04:00 PM	61.9	56.8	60.3	-	54.5	5.8
04:00 PM - 05:00 PM	62.8	57.5	61.3	-	55.3	6.0
05:00 PM - 06:00 PM	62.6	58.5	60.5	-	56.5	4.0
06:00 PM - 07:00 PM	63.3	58.9	61.3	-	56.7	4.6
07:00 PM - 08:00 PM	62.9	59.6	60.2	-	57.3	2.9
08:00 PM - 09:00 PM	62.4	59.3	59.5	-	57.0	2.5
09:00 PM - 10:00 PM	62.6	58.8	60.3	-	56.5	3.8
10:00 PM - 10:05 PM	62.8	58.5	-	63.8	56.1	7.7
10:05 PM - 10:10 PM	63.0	57.9	-	64.4	56.1	8.3
10:10 PM - 10:15 PM	62.1	59.2	-	62.0	56.7	5.3
10:15 PM - 10:20 PM	62.5	60.2	-	61.6	57.7	3.9
10:20 PM - 10:25 PM	62.6	58.9	-	63.2	56.8	6.4
10:25 PM - 10:30 PM	61.9	59.0	-	61.8	56.5	5.3
10:30 PM - 10:35 PM	61.0	57.8	-	61.2	55.7	5.5
10:35 PM - 10:40 PM	60.7	57.7	-	60.7	55.8	4.9
10:40 PM - 10:45 PM	61.7	57.0	-	62.9	55.4	7.5
10:45 PM - 10:50 PM	62.4	58.0	-	63.4	56.4	7.0
10:50 PM - 10:55 PM	61.4	58.2	-	61.6	55.4	6.2
10:55 PM - 11:00 PM	59.6	65.6	-	n/a	54.7	-
11:00 PM - 11:05 PM	61.3	58.3	-	61.3	56.5	4.8
11:05 PM - 11:10 PM	61.6	58.9	-	61.3	55.8	5.5
11:10 PM - 11:15 PM	60.3	57.7	-	59.8	56.2	3.6
11:15 PM - 11:20 PM	60.2	60.0	-	49.7	57.3	-7.6
11:20 PM - 11:25 PM	60.8	59.1	-	58.9	57.4	1.5
11:25 PM - 11:30 PM	60.9	58.3	-	60.4	56.6	3.8
11:30 PM - 11:35 PM	60.3	57.4	-	60.2	55.3	4.9
11:35 PM - 11:40 PM	61.8	57.6	-	62.7	55.5	7.2
11:40 PM - 11:45 PM	60.2	58.0	-	59.2	56.0	3.2
11:45 PM - 11:50 PM	59.5	58.5	-	55.6	56.3	-0.7
11:50 PM - 11:55 PM	59.1	55.1	-	59.9	52.4	7.5
11:55 PM - 12:00 AM	58.2	54.5	-	58.8	52.6	6.2
12:00 AM - 12:05 AM	60.1	54.4	-	61.7	52.3	9.4
12:05 AM - 12:10 AM	59.5	55.3	-	60.4	53.3	7.1

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494231
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report Number : 3107805-1

Sample No. 2494231-25
Parameter เสียงรบกวน
Location โรงงานปูนซีเมนต์ (ระยะดำเนินการ) (GPS 47P 0726066, 1617923)
Measurement Date Aug 26 - Aug 27, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 00572562

Page 2 of 3

ระดับเสียง (dB(A))						
เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	เสียงขณะมีการรบกวน		เสียงพื้นฐาน	ค่าระดับการรบกวน
			กลางวัน	กลางคืน		
12:10 AM - 12:15 AM	61.1	55.5	-	62.7	53.2	9.5
12:15 AM - 12:20 AM	60.4	55.5	-	61.7	52.5	9.2
12:20 AM - 12:25 AM	61.1	54.6	-	63.0	52.6	10.4
12:25 AM - 12:30 AM	61.8	53.8	-	64.1	51.6	12.5
12:30 AM - 12:35 AM	61.1	54.2	-	63.1	52.1	11.0
12:35 AM - 12:40 AM	60.4	55.3	-	61.8	51.7	10.1
12:40 AM - 12:45 AM	61.9	54.7	-	64.0	52.3	11.7
12:45 AM - 12:50 AM	62.6	55.1	-	64.7	52.7	12.0
12:50 AM - 12:55 AM	60.1	53.7	-	62.0	51.7	10.3
12:55 AM - 01:00 AM	58.7	54.9	-	59.4	52.7	6.7
01:00 AM - 01:05 AM	59.7	54.8	-	61.0	52.1	8.9
01:05 AM - 01:10 AM	60.4	54.1	-	62.2	51.6	10.6
01:10 AM - 01:15 AM	59.9	54.8	-	61.3	51.4	9.9
01:15 AM - 01:20 AM	61.4	55.8	-	63.0	53.4	9.6
01:20 AM - 01:25 AM	62.0	55.5	-	63.9	53.2	10.7
01:25 AM - 01:30 AM	60.1	54.6	-	61.7	52.1	9.6
01:30 AM - 01:35 AM	60.9	54.2	-	62.9	52.4	10.5
01:35 AM - 01:40 AM	61.2	54.6	-	63.1	52.7	10.4
01:40 AM - 01:45 AM	60.8	54.6	-	62.6	52.6	10.0
01:45 AM - 01:50 AM	62.2	54.9	-	64.3	52.7	11.6
01:50 AM - 01:55 AM	61.1	54.5	-	63.0	52.2	10.8
01:55 AM - 02:00 AM	60.4	55.1	-	61.9	52.6	9.3
02:00 AM - 02:05 AM	61.6	55.7	-	63.3	52.4	10.9
02:05 AM - 02:10 AM	61.1	54.1	-	63.1	52.1	11.0
02:10 AM - 02:15 AM	64.2	54.8	-	66.7	51.9	14.8
02:15 AM - 02:20 AM	62.8	55.1	-	65.0	52.7	12.3
02:20 AM - 02:25 AM	62.2	54.4	-	64.4	52.1	12.3
02:25 AM - 02:30 AM	62.6	54.3	-	64.9	52.1	12.8
02:30 AM - 02:35 AM	61.2	54.5	-	63.2	52.1	11.1
02:35 AM - 02:40 AM	60.1	54.0	-	61.9	51.4	10.5
02:40 AM - 02:45 AM	61.6	53.0	-	64.0	51.2	12.8
02:45 AM - 02:50 AM	62.1	53.1	-	64.5	51.2	13.3
02:50 AM - 02:55 AM	61.7	53.8	-	63.9	51.4	12.5
02:55 AM - 03:00 AM	60.4	52.8	-	62.6	50.4	12.2
03:00 AM - 03:05 AM	59.7	53.9	-	61.4	51.1	10.3
03:05 AM - 03:10 AM	61.0	53.7	-	63.1	51.9	11.2
03:10 AM - 03:15 AM	62.0	55.1	-	64.0	50.9	13.1
03:15 AM - 03:20 AM	60.1	55.1	-	61.4	52.3	9.1
03:20 AM - 03:25 AM	61.2	55.5	-	62.8	53.1	9.7
03:25 AM - 03:30 AM	61.0	54.6	-	62.9	52.4	10.5

The above results are valid only for the analyzed sample(s) as indicated in this report. No part of this report or its contents 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 : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494231
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report Number : 3107805-1

Page 3 of 3

Sample No. 2494231-25
Parameter เสียงรบกวน
Location ริมรั้วด้านหน้าโรงงาน (ระยะดำเนินการ) (GPS 47P 0726066, 1617923)
Measurement Date Aug 26 - Aug 27, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 00572562

ระดับเสียง (dB(A))					
เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	เสียงขณะมีการรบกวน		ค่าระดับการรบกวน
			กลางวัน	กลางคืน	
03:30 AM - 03:35 AM	61.5	55.2	-	63.3	52.1
03:35 AM - 03:40 AM	64.5	53.9	-	67.1	51.9
03:40 AM - 03:45 AM	64.7	55.4	-	67.2	52.6
03:45 AM - 03:50 AM	62.8	54.1	-	65.2	52.2
03:50 AM - 03:55 AM	61.2	55.3	-	62.9	52.6
03:55 AM - 04:00 AM	62.5	55.0	-	64.6	52.6
04:00 AM - 04:05 AM	63.7	56.3	-	65.8	52.8
04:05 AM - 04:10 AM	61.7	54.9	-	63.7	52.4
04:10 AM - 04:15 AM	60.4	55.3	-	61.8	52.3
04:15 AM - 04:20 AM	60.9	54.9	-	62.6	52.2
04:20 AM - 04:25 AM	60.2	56.0	-	61.1	52.0
04:25 AM - 04:30 AM	61.5	55.6	-	63.2	53.0
04:30 AM - 04:35 AM	60.6	55.0	-	62.2	52.0
04:35 AM - 04:40 AM	60.5	55.2	-	62.0	52.4
04:40 AM - 04:45 AM	61.0	54.2	-	63.0	51.5
04:45 AM - 04:50 AM	62.5	55.7	-	64.5	52.6
04:50 AM - 04:55 AM	60.8	56.2	-	62.0	52.1
04:55 AM - 05:00 AM	60.9	53.6	-	63.0	50.6
05:00 AM - 05:05 AM	60.1	54.0	-	61.9	51.4
05:05 AM - 05:10 AM	60.0	54.3	-	61.6	51.2
05:10 AM - 05:15 AM	59.5	53.7	-	61.2	51.3
05:15 AM - 05:20 AM	60.5	54.5	-	62.2	52.5
05:20 AM - 05:25 AM	61.2	54.5	-	63.2	51.6
05:25 AM - 05:30 AM	62.2	55.4	-	64.2	52.4
05:30 AM - 05:35 AM	62.4	57.6	-	63.7	52.5
05:35 AM - 05:40 AM	61.3	55.6	-	62.9	52.7
05:40 AM - 05:45 AM	61.7	56.0	-	63.3	52.8
05:45 AM - 05:50 AM	63.3	56.8	-	65.2	53.6
05:50 AM - 05:55 AM	62.1	56.5	-	63.7	53.9
05:55 AM - 06:00 AM	62.1	56.5	-	63.7	54.0
06:00 AM - 07:00 AM	62.1	58.0	60.0	-	55.1
07:00 AM - 08:00 AM	61.9	59.8	57.7	-	55.3
ค่ามาตรฐาน					≤ 10

Reference Method :

- In-house method : STM 06-001 based on ISO 1996-1 : 2016
- ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจระดับเสียงการรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2567

มาตรฐาน

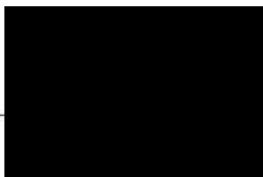
- ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
- ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานพิษทางเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561

Remark:

- ระดับเสียงจากแหล่งกำเนิด ทำการตรวจวัด วันที่ 26-27 สิงหาคม 2567
- ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No 2494233-4 วันที่ตรวจวัด 26-27 สิงหาคม 2567)
- ก/ล: ไม่สามารถคำนวณระดับเสียงขณะมีการรบกวนเนื่องจากระดับเสียงจากแหล่งกำเนิดน้อยกว่าระดับเสียงขณะไม่มีการรบกวน

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494231
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report Number : 3107806-1

Page 1 of 3

Sample No. 2494231-26
Parameter เสียงรบกวน
Location ริมรั้วด้านหน้าโรงงาน (ระยะดำเนินการ) (GPS 47P 0726066, 1617923)
Measurement Date Aug 27 - Aug 28, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 00572562

ระดับเสียง (dB(A))					
เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	เสียงขณะมีการรบกวน		ค่าระดับการรบกวน
			กลางวัน	กลางคืน	
08:00 AM - 09:00 AM	61.7	57.4	59.7	-	54.2
09:00 AM - 10:00 AM	64.1	56.2	63.3	-	53.5
10:00 AM - 11:00 AM	62.5	59.0	59.9	-	53.4
11:00 AM - 12:00 PM	63.4	56.0	62.5	-	53.6
12:00 PM - 01:00 PM	62.8	55.2	62.0	-	52.8
01:00 PM - 02:00 PM	63.3	55.0	62.6	-	52.8
02:00 PM - 03:00 PM	64.2	56.1	63.5	-	54.0
03:00 PM - 04:00 PM	61.9	56.5	60.4	-	53.9
04:00 PM - 05:00 PM	62.7	56.4	61.5	-	54.0
05:00 PM - 06:00 PM	62.6	57.4	61.0	-	54.9
06:00 PM - 07:00 PM	62.6	57.7	60.9	-	55.4
07:00 PM - 08:00 PM	63.0	57.4	61.6	-	55.2
08:00 PM - 09:00 PM	63.5	59.2	61.5	-	56.6
09:00 PM - 10:00 PM	62.6	55.7	61.6	-	53.7
10:00 PM - 10:05 PM	61.4	55.5	-	63.1	53.3
10:05 PM - 10:10 PM	62.1	55.8	-	63.9	54.0
10:10 PM - 10:15 PM	61.9	54.8	-	64.0	52.8
10:15 PM - 10:20 PM	62.6	55.3	-	64.7	53.1
10:20 PM - 10:25 PM	62.7	55.3	-	64.8	53.3
10:25 PM - 10:30 PM	61.8	55.1	-	63.8	52.9
10:30 PM - 10:35 PM	60.5	54.7	-	62.2	52.7
10:35 PM - 10:40 PM	62.1	54.4	-	64.3	52.4
10:40 PM - 10:45 PM	61.0	55.7	-	62.5	51.6
10:45 PM - 10:50 PM	60.2	55.0	-	61.6	52.3
10:50 PM - 10:55 PM	60.8	53.7	-	62.9	51.6
10:55 PM - 11:00 PM	60.5	54.2	-	62.3	51.4
11:00 PM - 11:05 PM	60.0	54.4	-	61.6	52.2
11:05 PM - 11:10 PM	59.4	54.0	-	60.9	51.4
11:10 PM - 11:15 PM	59.0	54.1	-	60.3	51.7
11:15 PM - 11:20 PM	59.2	54.9	-	60.2	52.5
11:20 PM - 11:25 PM	59.8	54.1	-	61.4	51.7
11:25 PM - 11:30 PM	60.9	54.4	-	62.8	51.9
11:30 PM - 11:35 PM	60.0	54.2	-	61.7	52.0
11:35 PM - 11:40 PM	60.7	55.5	-	62.1	53.4
11:40 PM - 11:45 PM	60.5	55.6	-	61.8	53.2
11:45 PM - 11:50 PM	60.2	55.4	-	61.5	53.4
11:50 PM - 11:55 PM	60.9	57.2	-	61.5	54.5
11:55 PM - 12:00 AM	60.6	56.5	-	61.5	53.5
12:00 AM - 12:05 AM	59.5	56.8	-	59.2	54.9
12:05 AM - 12:10 AM	59.6	56.3	-	59.9	54.1

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494231
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report Number : 3107806-1

Page 2 of 3

Sample No. 2494231-26
Parameter เสียงรบกวน
Location บริเวณด้านหน้าโรงงาน (ระยะดำเนินการ) (GPS 47P 0726066, 1617923)
Measurement Date Aug 27 - Aug 28, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 00572562

ระดับเสียง (dB(A))						
เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	เสียงขณะมีการรบกวน		เสียงพื้นฐาน	ค่าระดับการรบกวน
			กลางวัน	กลางคืน		
12:10 AM - 12:15 AM	59.9	57.7	-	58.9	54.4	4.5
12:15 AM - 12:20 AM	62.1	57.7	-	63.1	53.9	9.2
12:20 AM - 12:25 AM	59.3	67.5	-	n/a	54.8	-
12:25 AM - 12:30 AM	59.2	65.0	-	n/a	58.9	-
12:30 AM - 12:35 AM	60.7	59.8	-	56.4	53.6	2.8
12:35 AM - 12:40 AM	59.1	56.2	-	59.0	53.8	5.2
12:40 AM - 12:45 AM	59.2	55.5	-	59.8	53.5	6.3
12:45 AM - 12:50 AM	61.3	57.4	-	62.0	54.9	7.1
12:50 AM - 12:55 AM	61.4	58.9	-	60.8	56.0	4.8
12:55 AM - 01:00 AM	61.9	58.7	-	62.1	56.6	5.5
01:00 AM - 01:05 AM	61.2	57.5	-	61.8	55.3	6.5
01:05 AM - 01:10 AM	61.7	57.6	-	62.6	54.7	7.9
01:10 AM - 01:15 AM	59.8	57.4	-	59.1	55.0	4.1
01:15 AM - 01:20 AM	61.4	57.5	-	62.1	54.6	7.5
01:20 AM - 01:25 AM	60.5	57.1	-	60.8	54.9	5.9
01:25 AM - 01:30 AM	62.4	56.3	-	64.2	53.5	10.7
01:30 AM - 01:35 AM	60.6	54.3	-	62.4	52.4	10.0
01:35 AM - 01:40 AM	59.4	56.1	-	59.7	53.4	6.3
01:40 AM - 01:45 AM	59.7	55.2	-	60.8	52.4	8.4
01:45 AM - 01:50 AM	61.2	60.6	-	55.3	51.9	3.4
01:50 AM - 01:55 AM	61.3	60.4	-	57.0	54.1	2.9
01:55 AM - 02:00 AM	64.1	55.6	-	66.4	52.8	13.6
02:00 AM - 02:05 AM	63.6	69.0	-	n/a	54.6	-
02:05 AM - 02:10 AM	60.9	63.2	-	n/a	53.8	-
02:10 AM - 02:15 AM	61.2	62.1	-	n/a	52.4	-
02:15 AM - 02:20 AM	60.8	55.2	-	62.4	52.7	9.7
02:20 AM - 02:25 AM	62.9	55.8	-	65.0	53.3	11.7
02:25 AM - 02:30 AM	63.7	56.5	-	65.8	53.8	12.0
02:30 AM - 02:35 AM	60.9	55.9	-	62.2	53.7	8.5
02:35 AM - 02:40 AM	60.2	57.9	-	59.3	55.3	4.0
02:40 AM - 02:45 AM	60.8	57.1	-	61.4	53.7	7.7
02:45 AM - 02:50 AM	62.0	57.3	-	63.2	54.5	6.7
02:50 AM - 02:55 AM	62.2	56.2	-	63.9	53.8	10.1
02:55 AM - 03:00 AM	61.4	56.3	-	62.8	53.7	9.1
03:00 AM - 03:05 AM	61.7	57.1	-	62.9	54.3	8.6
03:05 AM - 03:10 AM	60.1	56.2	-	60.8	54.0	6.8
03:10 AM - 03:15 AM	61.2	56.8	-	62.2	54.6	7.6
03:15 AM - 03:20 AM	61.2	57.0	-	62.1	53.8	8.3
03:20 AM - 03:25 AM	61.5	57.1	-	62.5	54.8	7.7
03:25 AM - 03:30 AM	61.4	56.7	-	62.6	54.2	8.4

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494231
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report Number : 3107806-1

Page 3 of 3

Sample No. 2494231-26
Parameter เสียงรบกวน
Location บริเวณด้านหน้าโรงงาน (ระยะดำเนินการ) (GPS 47P 0726066, 1617923)
Measurement Date Aug 27 - Aug 28, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 00572562

ระดับเสียง (dB(A))						
เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	เสียงขณะมีการรบกวน		เสียงพื้นฐาน	ค่าระดับการรบกวน
			กลางวัน	กลางคืน		
03:30 AM - 03:35 AM	60.8	56.8	-	61.6	54.4	7.2
03:35 AM - 03:40 AM	60.2	57.1	-	60.3	54.6	5.7
03:40 AM - 03:45 AM	61.1	57.2	-	61.8	54.5	7.3
03:45 AM - 03:50 AM	61.5	56.8	-	62.7	54.3	8.4
03:50 AM - 03:55 AM	61.7	55.5	-	63.5	52.4	11.1
03:55 AM - 04:00 AM	61.3	56.3	-	62.6	53.0	9.6
04:00 AM - 04:05 AM	60.7	56.8	-	61.4	53.4	8.0
04:05 AM - 04:10 AM	60.1	56.3	-	60.8	53.0	7.8
04:10 AM - 04:15 AM	59.5	56.3	-	59.7	52.9	6.8
04:15 AM - 04:20 AM	61.0	56.6	-	62.0	53.9	8.1
04:20 AM - 04:25 AM	61.0	56.2	-	62.3	53.0	9.3
04:25 AM - 04:30 AM	60.3	55.7	-	61.5	53.5	8.0
04:30 AM - 04:35 AM	60.4	55.9	-	61.5	52.9	8.6
04:35 AM - 04:40 AM	60.6	56.6	-	61.4	53.1	8.3
04:40 AM - 04:45 AM	59.9	58.2	-	58.0	54.9	3.1
04:45 AM - 04:50 AM	59.9	57.1	-	59.7	54.2	5.5
04:50 AM - 04:55 AM	59.7	57.3	-	59.0	55.1	3.9
04:55 AM - 05:00 AM	59.0	56.5	-	58.4	53.8	4.6
05:00 AM - 05:05 AM	60.0	56.7	-	60.3	53.5	6.8
05:05 AM - 05:10 AM	60.7	55.7	-	62.0	53.1	8.9
05:10 AM - 05:15 AM	61.2	55.7	-	62.8	53.2	9.6
05:15 AM - 05:20 AM	60.6	56.8	-	61.3	53.6	7.7
05:20 AM - 05:25 AM	63.1	57.3	-	64.8	54.5	10.3
05:25 AM - 05:30 AM	63.0	56.4	-	61.9	54.2	10.7
05:30 AM - 05:35 AM	61.4	58.4	-	61.4	55.3	6.1
05:35 AM - 05:40 AM	60.9	58.4	-	60.3	54.6	5.7
05:40 AM - 05:45 AM	60.2	56.0	-	61.1	52.5	8.6
05:45 AM - 05:50 AM	60.5	56.1	-	61.5	53.6	7.9
05:50 AM - 05:55 AM	60.7	56.8	-	61.4	54.1	7.3
05:55 AM - 06:00 AM	60.6	57.3	-	60.9	53.3	7.6
06:00 AM - 06:05 AM	61.5	60.4	55.0	-	54.9	0.1
07:00 AM - 08:00 AM	61.3	61.3	n/a	-	57.8	-

ตามมาตรฐาน

Reference Method :

- In-house method : STM 06-001 based on ISO 1996-1 : 2016
- ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงการรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2567

มาตรฐาน

- ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
- ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานผลิตภัณฑ์ทางเสียงที่เกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561

Remark:

- ระดับเสียงจากแหล่งกำเนิด พิกัดตรวจวัด วันที่ 27-28 สิงหาคม 2567
- ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No.2494233-5 วันที่ตรวจวัด 27-28 สิงหาคม 2567)
- n/a: ไม่สามารถคำนวณระดับเสียงขณะมีการรบกวนเนื่องจากระดับเสียงจากแหล่งกำเนิดน้อยกว่าระดับเสียงขณะไม่มีการรบกวน

The above results are valid only for the analyzed 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 : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

Lot ID: 2494231
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report Number : 3107807-1

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Page 1 of 3

Sample No. 2494231-27
Parameter เสียงรบกวน
Location ริมทางด้านหน้าโรงงาน (ระยะดำเนินการ) (GPS 47P 0726066, 1617923)
Measurement Date Aug 28 - Aug 29, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 00572562

ระดับเสียง (dB(A))						
เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	เสียงขณะมีการรบกวน		เสียงพื้นฐาน	ค่าระดับการรบกวน
			กลางวัน	กลางคืน		
08:00 AM - 09:00 AM	62.2	56.2	60.9	-	54.0	6.9
09:00 AM - 10:00 AM	62.7	56.1	61.6	-	53.7	7.9
10:00 AM - 11:00 AM	62.9	56.1	61.9	-	53.9	8.0
11:00 AM - 12:00 PM	63.2	58.6	61.4	-	54.1	7.3
12:00 PM - 01:00 PM	61.9	56.8	60.3	-	54.2	6.1
01:00 PM - 02:00 PM	62.0	56.9	60.4	-	54.9	5.5
02:00 PM - 03:00 PM	62.9	57.2	61.5	-	55.1	6.4
03:00 PM - 04:00 PM	61.3	57.7	58.8	-	55.2	3.6
04:00 PM - 05:00 PM	62.4	57.7	60.6	-	54.5	6.1
05:00 PM - 06:00 PM	63.6	58.4	62.0	-	55.8	6.2
06:00 PM - 07:00 PM	63.7	59.4	61.7	-	55.0	6.7
07:00 PM - 08:00 PM	62.9	57.9	61.2	-	54.9	6.3
08:00 PM - 09:00 PM	62.5	56.4	61.3	-	54.3	7.0
09:00 PM - 10:00 PM	62.2	56.6	60.8	-	54.4	6.4
10:00 PM - 10:05 PM	62.7	62.1	-	56.8	55.5	1.3
10:05 PM - 10:10 PM	62.9	58.7	-	63.8	56.1	7.7
10:10 PM - 10:15 PM	61.5	59.7	-	59.8	56.4	3.4
10:15 PM - 10:20 PM	64.3	59.2	-	65.7	57.3	8.4
10:20 PM - 10:25 PM	63.9	58.5	-	65.4	57.1	8.3
10:25 PM - 10:30 PM	61.5	58.1	-	61.8	56.4	5.4
10:30 PM - 10:35 PM	62.0	57.1	-	63.3	55.2	8.1
10:35 PM - 10:40 PM	62.2	57.3	-	63.5	54.7	8.8
10:40 PM - 10:45 PM	60.0	55.9	-	60.9	54.5	6.4
10:45 PM - 10:50 PM	61.5	55.7	-	63.2	53.9	9.3
10:50 PM - 10:55 PM	60.3	56.0	-	61.3	53.7	7.6
10:55 PM - 11:00 PM	60.8	56.4	-	61.8	54.4	7.4
11:00 PM - 11:05 PM	60.3	55.8	-	61.4	53.5	7.9
11:05 PM - 11:10 PM	59.8	56.5	-	60.1	54.0	6.1
11:10 PM - 11:15 PM	65.0	55.9	-	67.4	54.0	13.4
11:15 PM - 11:20 PM	59.9	55.3	-	61.1	53.1	8.0
11:20 PM - 11:25 PM	60.4	56.4	-	61.2	53.5	7.7
11:25 PM - 11:30 PM	60.1	56.0	-	61.0	53.9	7.1
11:30 PM - 11:35 PM	60.2	56.6	-	60.7	54.1	6.6
11:35 PM - 11:40 PM	60.3	56.8	-	60.7	54.5	6.2
11:40 PM - 11:45 PM	60.8	55.8	-	62.1	53.4	8.7
11:45 PM - 11:50 PM	61.1	55.8	-	62.6	53.5	9.1
11:50 PM - 11:55 PM	61.8	55.4	-	63.7	52.4	11.3
11:55 PM - 12:00 AM	59.4	55.4	-	60.2	53.3	6.9
12:00 AM - 12:05 AM	59.6	56.4	-	59.8	53.8	6.0
12:05 AM - 12:10 AM	60.1	56.1	-	60.9	53.8	7.1

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

Lot ID: 2494231
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report Number : 3107807-1

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Page 2 of 3

Sample No. 2494231-27
Parameter เสียงรบกวน
Location ริมทางด้านหน้าโรงงาน (ระยะดำเนินการ) (GPS 47P 0726066, 1617923)
Measurement Date Aug 28 - Aug 29, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 00572562

ระดับเสียง (dB(A))						
เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	เสียงขณะมีการรบกวน		เสียงพื้นฐาน	ค่าระดับการรบกวน
			กลางวัน	กลางคืน		
12:10 AM - 12:15 AM	58.8	55.9	-	58.7	53.5	5.2
12:15 AM - 12:20 AM	59.4	55.2	-	60.3	52.9	7.4
12:20 AM - 12:25 AM	61.1	55.8	-	62.6	53.9	8.7
12:25 AM - 12:30 AM	61.0	55.8	-	62.4	53.1	9.3
12:30 AM - 12:35 AM	59.4	56.4	-	59.4	53.9	5.5
12:35 AM - 12:40 AM	59.0	56.0	-	59.0	53.3	5.7
12:40 AM - 12:45 AM	59.2	55.0	-	60.1	52.7	7.4
12:45 AM - 12:50 AM	57.6	55.9	-	55.7	53.6	2.1
12:50 AM - 12:55 AM	58.3	56.6	-	56.4	53.9	2.5
12:55 AM - 01:00 AM	59.2	57.1	-	58.0	54.4	3.6
01:00 AM - 01:05 AM	60.8	56.6	-	61.7	54.2	7.5
01:05 AM - 01:10 AM	60.9	55.6	-	62.4	52.9	9.5
01:10 AM - 01:15 AM	61.3	55.7	-	62.9	53.5	9.4
01:15 AM - 01:20 AM	60.6	55.8	-	61.9	53.6	8.3
01:20 AM - 01:25 AM	61.2	55.4	-	62.9	53.4	9.5
01:25 AM - 01:30 AM	60.0	55.6	-	61.0	54.0	7.0
01:30 AM - 01:35 AM	60.4	57.5	-	60.3	54.2	6.1
01:35 AM - 01:40 AM	61.8	57.4	-	62.8	54.7	8.1
01:40 AM - 01:45 AM	61.9	57.1	-	63.2	54.8	8.4
01:45 AM - 01:50 AM	60.6	57.3	-	60.9	53.9	7.0
01:50 AM - 01:55 AM	62.0	57.7	-	63.0	55.7	7.3
01:55 AM - 02:00 AM	60.5	56.4	-	61.4	53.9	7.5
02:00 AM - 02:05 AM	61.0	56.5	-	62.1	54.3	7.8
02:05 AM - 02:10 AM	62.9	56.5	-	64.8	54.9	9.9
02:10 AM - 02:15 AM	61.2	55.8	-	62.7	53.7	9.0
02:15 AM - 02:20 AM	60.7	56.8	-	61.4	54.8	6.6
02:20 AM - 02:25 AM	60.5	57.3	-	60.7	54.7	6.0
02:25 AM - 02:30 AM	61.3	57.7	-	61.8	55.4	6.4
02:30 AM - 02:35 AM	60.7	56.9	-	61.4	54.4	7.0
02:35 AM - 02:40 AM	60.9	56.0	-	62.2	54.3	7.9
02:40 AM - 02:45 AM	60.8	56.1	-	62.0	54.0	8.0
02:45 AM - 02:50 AM	61.6	55.1	-	63.5	52.5	11.0
02:50 AM - 02:55 AM	61.0	55.6	-	66.3	53.5	12.8
02:55 AM - 03:00 AM	61.8	56.1	-	63.4	53.0	10.4
03:00 AM - 03:05 AM	60.8	56.8	-	61.6	53.8	7.8
03:05 AM - 03:10 AM	60.0	55.7	-	61.0	53.1	7.9
03:10 AM - 03:15 AM	60.2	56.8	-	60.5	53.8	6.7
03:15 AM - 03:20 AM	60.1	56.1	-	60.9	53.8	7.1
03:20 AM - 03:25 AM	60.3	56.2	-	61.2	53.0	8.2
03:25 AM - 03:30 AM	60.5	55.6	-	61.8	52.7	9.1

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494231
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report Number : 3107807-1

Page 3 of 3

Sample No. 2494231-27
Parameter เสียงรบกวน
Location บริเวณด้านหน้าโรงงาน (ระยะดำเนินการ) (GPS 47P 0726066, 1617923)
Measurement Date Aug 28 - Aug 29, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 00572562

ระดับเสียง (dB(A))						
เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	เสียงขณะมีการรบกวน		เสียงพื้นฐาน	ค่าระดับการรบกวน
			กลางวัน	กลางคืน		
03:30 AM - 03:35 AM	59.5	55.5	-	60.3	53.3	7.0
03:35 AM - 03:40 AM	59.8	55.5	-	60.8	53.1	7.7
03:40 AM - 03:45 AM	59.4	55.6	-	60.1	53.0	7.1
03:45 AM - 03:50 AM	59.5	55.5	-	60.3	53.4	6.9
03:50 AM - 03:55 AM	60.6	56.3	-	61.6	53.3	8.3
03:55 AM - 04:00 AM	61.3	56.9	-	62.3	53.4	8.9
04:00 AM - 04:05 AM	59.9	56.4	-	60.3	53.1	7.2
04:05 AM - 04:10 AM	59.6	56.1	-	60.0	53.4	6.6
04:10 AM - 04:15 AM	59.9	56.2	-	60.5	53.8	6.7
04:15 AM - 04:20 AM	60.6	54.5	-	62.4	52.8	9.6
04:20 AM - 04:25 AM	60.6	55.7	-	61.9	53.6	8.3
04:25 AM - 04:30 AM	61.9	55.6	-	63.7	53.4	10.3
04:30 AM - 04:35 AM	59.8	55.0	-	61.1	53.2	7.9
04:35 AM - 04:40 AM	59.7	55.2	-	60.8	53.3	7.5
04:40 AM - 04:45 AM	60.4	55.2	-	61.8	53.0	8.8
04:45 AM - 04:50 AM	60.9	55.0	-	62.6	53.0	9.6
04:50 AM - 04:55 AM	62.6	55.3	-	64.7	53.2	11.5
04:55 AM - 05:00 AM	59.7	55.8	-	60.4	52.8	7.6
05:00 AM - 05:05 AM	60.0	55.5	-	61.1	53.0	8.1
05:05 AM - 05:10 AM	59.4	54.6	-	60.7	52.6	8.1
05:10 AM - 05:15 AM	59.5	55.1	-	60.5	52.8	7.7
05:15 AM - 05:20 AM	61.2	55.7	-	62.8	53.5	9.3
05:20 AM - 05:25 AM	61.6	55.6	-	63.3	53.1	10.2
05:25 AM - 05:30 AM	61.1	55.9	-	62.5	53.5	9.0
05:30 AM - 05:35 AM	61.8	56.4	-	63.3	53.8	9.5
05:35 AM - 05:40 AM	60.9	57.2	-	61.5	54.6	6.9
05:40 AM - 05:45 AM	63.1	56.7	-	65.0	54.1	10.9
05:45 AM - 05:50 AM	62.1	57.7	-	63.1	54.7	8.4
05:50 AM - 05:55 AM	60.8	57.1	-	61.4	54.8	6.6
05:55 AM - 06:00 AM	61.2	57.5	-	61.8	54.5	7.3
06:00 AM - 07:00 AM	62.0	57.8	59.9	-	55.4	4.5
07:00 AM - 08:00 AM	61.7	61.4	49.9	-	56.8	-6.9
ค่ามาตรฐาน						± 10

Reference Method :

1. In-house method : STM 06-001 based on ISO 1996-1 : 2016
2. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงการรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง ผลระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2567

มาตรฐาน

1. ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
2. ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานเสียงและวิธีวัดระดับเสียงจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561

Remark:

1. ระดับเสียงจากแหล่งกำเนิด ทำการตรวจวัด วันที่ 28-29 สิงหาคม 2567
2. ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No.2494233-6 วันที่ตรวจวัด 28-29 สิงหาคม 2567)
3. ก/ว: ไม่สามารถคำนวณระดับเสียงขณะมีการรบกวนเนื่องจากระดับเสียงจากแหล่งกำเนิดน้อยกว่าระดับเสียงขณะไม่มีการรบกวน

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494231
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report Number : 3107808-1

Page 1 of 3

Sample No. 2494231-28
Parameter เสียงรบกวน
Location บริเวณด้านหน้าโรงงาน (ระยะดำเนินการ) (GPS 47P 0726066, 1617923)
Measurement Date Aug 29 - Aug 30, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 00572562

ระดับเสียง (dB(A))						
เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	เสียงขณะมีการรบกวน		เสียงพื้นฐาน	ค่าระดับการรบกวน
			กลางวัน	กลางคืน		
08:00 AM - 09:00 AM	62.7	61.0	57.8	-	54.0	3.8
09:00 AM - 10:00 AM	64.0	56.6	63.1	-	53.7	9.4
10:00 AM - 11:00 AM	62.7	58.1	60.9	-	53.9	7.0
11:00 AM - 12:00 PM	62.8	56.0	61.8	-	54.1	7.7
12:00 PM - 01:00 PM	62.5	55.8	61.5	-	54.2	7.3
01:00 PM - 02:00 PM	64.5	59.8	62.7	-	54.9	7.8
02:00 PM - 03:00 PM	69.3	62.6	68.3	-	55.1	13.2
03:00 PM - 04:00 PM	62.5	58.2	60.5	-	55.2	5.3
04:00 PM - 05:00 PM	63.1	57.6	61.7	-	54.5	7.2
05:00 PM - 06:00 PM	63.6	59.2	61.6	-	55.8	5.8
06:00 PM - 07:00 PM	63.6	56.9	62.6	-	55.0	7.6
07:00 PM - 08:00 PM	62.2	56.9	60.7	-	54.9	5.8
08:00 PM - 09:00 PM	61.8	56.2	60.4	-	54.3	6.1
09:00 PM - 10:00 PM	61.9	56.4	60.5	-	54.4	6.1
10:00 PM - 10:05 PM	62.0	57.1	-	63.3	55.5	7.8
10:05 PM - 10:10 PM	61.0	57.4	-	61.5	56.1	5.4
10:10 PM - 10:15 PM	63.0	57.8	-	64.4	56.4	8.0
10:15 PM - 10:20 PM	61.4	58.4	-	61.4	57.3	4.1
10:20 PM - 10:25 PM	61.5	58.1	-	61.8	57.1	4.7
10:25 PM - 10:30 PM	61.9	57.8	-	62.8	56.4	6.4
10:30 PM - 10:35 PM	60.6	56.6	-	61.4	55.2	6.2
10:35 PM - 10:40 PM	65.1	57.7	-	67.2	54.7	12.5
10:40 PM - 10:45 PM	61.7	57.6	-	62.6	54.5	8.1
10:45 PM - 10:50 PM	61.6	57.5	-	62.5	53.9	8.6
10:50 PM - 10:55 PM	60.4	57.2	-	60.6	53.7	6.9
10:55 PM - 11:00 PM	60.0	57.6	-	59.3	54.4	4.9
11:00 PM - 11:05 PM	62.4	58.2	-	63.3	53.5	9.8
11:05 PM - 11:10 PM	60.8	57.8	-	60.8	54.0	6.8
11:10 PM - 11:15 PM	59.6	56.2	-	59.9	54.0	5.9
11:15 PM - 11:20 PM	60.5	56.7	-	61.2	53.1	8.1
11:20 PM - 11:25 PM	60.4	56.1	-	61.4	53.5	7.9
11:25 PM - 11:30 PM	61.1	57.2	-	61.8	53.9	7.9
11:30 PM - 11:35 PM	60.1	55.7	-	61.1	54.1	7.0
11:35 PM - 11:40 PM	59.9	56.8	-	60.0	54.5	5.5
11:40 PM - 11:45 PM	61.1	57.3	-	61.8	53.4	8.4
11:45 PM - 11:50 PM	59.1	57.7	-	56.5	53.5	3.0
11:50 PM - 11:55 PM	59.9	58.4	-	57.6	52.4	5.2
11:55 PM - 12:00 AM	60.1	57.1	-	60.1	53.3	6.8
12:00 AM - 12:05 AM	60.7	57.1	-	61.2	53.8	7.4
12:05 AM - 12:10 AM	60.8	58.3	-	60.2	53.8	6.4

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494231
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report Number : 3107808-1

Page 2 of 3

Sample No. : 2494231-28
Parameter : เสียงรบกวน
Location : บริเวณหน้าโรงงาน (ระยะดำเนินการ) (GPS 47P 0726066, 1617923)
Measurement Date : Aug 29 - Aug 30, 2024
Measurement by : Prommee Sripatnet
Sound Level Meter : 00572562

ระดับเสียง (dB(A))						
เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	เสียงขณะมีการรบกวน		เสียงพื้นฐาน	ค่าระดับการรบกวน
			กลางวัน	กลางคืน		
12:10 AM - 12:15 AM	62.8	57.5	-	64.3	53.5	10.8
12:15 AM - 12:20 AM	60.6	55.4	-	62.0	52.9	9.1
12:20 AM - 12:25 AM	59.0	54.5	-	60.1	53.9	6.2
12:25 AM - 12:30 AM	59.4	54.7	-	60.6	53.1	7.5
12:30 AM - 12:35 AM	58.9	54.4	-	60.0	53.9	6.1
12:35 AM - 12:40 AM	60.0	54.3	-	61.6	53.3	6.3
12:40 AM - 12:45 AM	58.6	55.2	-	58.9	52.7	6.2
12:45 AM - 12:50 AM	58.9	55.9	-	58.9	53.6	5.3
12:50 AM - 12:55 AM	59.2	54.8	-	60.2	53.9	6.3
12:55 AM - 01:00 AM	60.0	55.0	-	61.3	54.4	6.9
01:00 AM - 01:05 AM	62.1	54.5	-	64.3	54.2	10.1
01:05 AM - 01:10 AM	61.0	53.4	-	63.2	52.9	10.3
01:10 AM - 01:15 AM	59.5	53.5	-	61.2	53.5	7.7
01:15 AM - 01:20 AM	59.7	53.5	-	61.5	53.6	7.9
01:20 AM - 01:25 AM	60.7	54.3	-	62.6	53.4	9.2
01:25 AM - 01:30 AM	62.2	55.2	-	64.2	54.0	10.2
01:30 AM - 01:35 AM	63.0	55.8	-	65.1	54.2	10.9
01:35 AM - 01:40 AM	63.3	55.7	-	n/a	54.7	-
01:40 AM - 01:45 AM	60.3	64.1	-	n/a	54.8	-
01:45 AM - 01:50 AM	60.7	61.1	-	n/a	53.9	-
01:50 AM - 01:55 AM	60.5	58.3	-	59.5	55.7	3.8
01:55 AM - 02:00 AM	61.7	63.6	-	n/a	53.9	-
02:00 AM - 02:05 AM	60.7	60.0	-	55.4	54.3	1.1
02:05 AM - 02:10 AM	61.1	59.2	-	59.6	54.9	4.7
02:10 AM - 02:15 AM	60.5	66.4	-	n/a	53.7	-
02:15 AM - 02:20 AM	62.3	59.9	-	61.6	54.8	6.8
02:20 AM - 02:25 AM	60.3	59.4	-	56.0	54.7	1.3
02:25 AM - 02:30 AM	60.0	57.2	-	59.8	55.4	4.4
02:30 AM - 02:35 AM	60.2	55.2	-	61.5	54.4	7.1
02:35 AM - 02:40 AM	60.3	54.5	-	62.0	54.3	7.7
02:40 AM - 02:45 AM	60.8	54.4	-	62.7	54.0	8.7
02:45 AM - 02:50 AM	61.5	54.9	-	63.4	52.5	10.9
02:50 AM - 02:55 AM	61.6	54.8	-	63.6	53.5	10.1
02:55 AM - 03:00 AM	62.2	54.1	-	64.3	53.0	11.3
03:00 AM - 03:05 AM	63.2	54.5	-	65.6	53.8	11.8
03:05 AM - 03:10 AM	60.9	55.5	-	62.4	53.1	9.3
03:10 AM - 03:15 AM	60.3	55.2	-	61.7	53.8	7.9
03:15 AM - 03:20 AM	59.9	54.9	-	61.2	53.8	7.4
03:20 AM - 03:25 AM	60.1	56.1	-	60.9	53.0	7.9
03:25 AM - 03:30 AM	59.7	55.0	-	60.9	52.7	8.2

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494231
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report Number : 3107808-1

Page 3 of 3

Sample No. : 2494231-28
Parameter : เสียงรบกวน
Location : บริเวณหน้าโรงงาน (ระยะดำเนินการ) (GPS 47P 0726066, 1617923)
Measurement Date : Aug 29 - Aug 30, 2024
Measurement by : Prommee Sripatnet
Sound Level Meter : 00572562

ระดับเสียง (dB(A))						
เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	เสียงขณะมีการรบกวน		เสียงพื้นฐาน	ค่าระดับการรบกวน
			กลางวัน	กลางคืน		
03:30 AM - 03:35 AM	59.8	54.4	-	61.3	53.3	8.0
03:35 AM - 03:40 AM	60.9	56.7	-	61.8	53.1	8.7
03:40 AM - 03:45 AM	60.2	56.2	-	61.0	53.0	8.0
03:45 AM - 03:50 AM	60.5	55.3	-	61.9	53.4	8.5
03:50 AM - 03:55 AM	61.4	55.3	-	63.2	53.3	9.9
03:55 AM - 04:00 AM	60.3	56.6	-	60.9	53.4	7.5
04:00 AM - 04:05 AM	61.1	55.9	-	62.5	53.1	9.4
04:05 AM - 04:10 AM	60.5	55.6	-	61.8	53.4	8.4
04:10 AM - 04:15 AM	60.3	56.0	-	61.3	53.8	7.5
04:15 AM - 04:20 AM	60.4	55.4	-	61.7	52.8	8.9
04:20 AM - 04:25 AM	59.9	55.1	-	61.2	53.6	7.6
04:25 AM - 04:30 AM	61.3	55.6	-	62.9	53.4	9.5
04:30 AM - 04:35 AM	60.0	55.5	-	61.1	53.2	7.9
04:35 AM - 04:40 AM	60.3	54.8	-	61.9	53.3	8.6
04:40 AM - 04:45 AM	60.4	54.6	-	62.1	53.0	9.1
04:45 AM - 04:50 AM	61.1	55.7	-	62.6	53.0	9.6
04:50 AM - 04:55 AM	60.6	55.9	-	61.8	53.2	8.6
04:55 AM - 05:00 AM	60.3	56.2	-	61.2	52.8	8.4
05:00 AM - 05:05 AM	61.2	55.0	-	63.0	53.0	10.0
05:05 AM - 05:10 AM	60.0	55.6	-	61.0	52.6	8.4
05:10 AM - 05:15 AM	60.4	55.8	-	61.6	52.8	8.8
05:15 AM - 05:20 AM	60.1	55.8	-	61.1	53.5	7.6
05:20 AM - 05:25 AM	61.0	56.5	-	62.1	53.1	9.0
05:25 AM - 05:30 AM	60.9	56.5	-	61.9	53.5	8.4
05:30 AM - 05:35 AM	61.1	57.4	-	61.7	53.8	7.9
05:35 AM - 05:40 AM	61.1	57.0	-	62.0	54.6	7.4
05:40 AM - 05:45 AM	61.3	57.8	-	61.7	54.1	7.6
05:45 AM - 05:50 AM	60.4	57.8	-	59.9	54.7	5.2
05:50 AM - 05:55 AM	62.4	57.6	-	63.7	54.8	8.9
05:55 AM - 06:00 AM	61.7	58.9	-	61.5	54.5	7.0
06:00 AM - 07:00 AM	62.7	58.2	60.8	-	55.4	5.4
07:00 AM - 08:00 AM	62.0	57.5	60.1	-	56.8	3.3

ค่ามาตรฐาน

Reference Method :

- In-house method : STM 06-001 based on ISO 1996-1 : 2016
- ประเภทโครงการโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงการรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2567

มาตรฐาน

- ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
- ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานมลพิษทางเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561

Remark:

- ระดับเสียงจากแหล่งกำเนิด หากตรวจวัด วันที่ 29-30 สิงหาคม 2567
- ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No.2494233-7 วันที่ตรวจวัด 29-30 สิงหาคม 2567)
- ก/า: ไม่สามารถคำนวณระดับเสียงขณะมีการรบกวนเนื่องจากระดับเสียงจากแหล่งกำเนิดน้อยกว่าระดับเสียงขณะไม่มีการรบกวน

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhai, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494233
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report No. : 3107822-1

Sample No. 2494233-1
Parameter Noise
Location บ้านสวนวัดศรีตร (จุดอ้างอิง) (GPS 47P 0726183, 1617728) (Shut down)
Measurement Date Aug 23 - Aug 24, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 623382

Page 1 of 3

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:00 AM - 09:00 AM	57.3	79.2	53.7
09:00 AM - 10:00 AM	56.4	75.0	54.4
10:00 AM - 11:00 AM	56.2	72.4	53.8
11:00 AM - 12:00 PM	56.9	70.7	54.6
12:00 PM - 01:00 PM	56.0	75.1	53.7
01:00 PM - 02:00 PM	56.1	69.8	54.0
02:00 PM - 03:00 PM	56.8	75.9	54.5
03:00 PM - 04:00 PM	56.8	74.2	54.4
04:00 PM - 05:00 PM	57.9	70.7	56.1
05:00 PM - 06:00 PM	59.7	72.4	57.9
06:00 PM - 07:00 PM	59.7	74.6	57.7
07:00 PM - 08:00 PM	60.0	76.4	58.0
08:00 PM - 09:00 PM	59.5	71.7	57.5
09:00 PM - 10:00 PM	59.5	70.2	57.4
10:00 PM - 10:05 PM	60.1	66.1	57.6
10:05 PM - 10:10 PM	59.1	72.1	57.3
10:10 PM - 10:15 PM	58.8	67.3	56.5
10:15 PM - 10:20 PM	59.2	66.5	57.7
10:20 PM - 10:25 PM	59.1	65.2	57.1
10:25 PM - 10:30 PM	59.8	66.6	57.3
10:30 PM - 10:35 PM	58.7	66.1	56.4
10:35 PM - 10:40 PM	56.3	61.4	54.2
10:40 PM - 10:45 PM	55.8	63.0	53.8
10:45 PM - 10:50 PM	55.6	61.0	54.2
10:50 PM - 10:55 PM	56.1	62.9	53.7
10:55 PM - 11:00 PM	56.3	62.8	54.0
11:00 PM - 11:05 PM	57.6	61.6	55.6
11:05 PM - 11:10 PM	57.9	69.0	54.7
11:10 PM - 11:15 PM	56.7	63.9	54.7
11:15 PM - 11:20 PM	56.6	59.9	55.0
11:20 PM - 11:25 PM	56.9	63.7	54.4
11:25 PM - 11:30 PM	58.1	64.8	56.1
11:30 PM - 11:35 PM	56.1	64.7	53.4
11:35 PM - 11:40 PM	57.2	64.8	54.1
11:40 PM - 11:45 PM	58.0	67.6	55.1
11:45 PM - 11:50 PM	56.8	63.0	54.6
11:50 PM - 11:55 PM	56.1	61.5	53.6
11:55 PM - 12:00 AM	56.6	64.7	52.8
12:00 AM - 12:05 AM	57.4	64.3	54.7
12:05 AM - 12:10 AM	59.0	65.7	56.2

Approved by

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhai, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494233
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report No. : 3107822-1

Page 2 of 3

Sample No. 2494233-1
Parameter Noise
Location บ้านสวนวัดศรีตร (จุดอ้างอิง) (GPS 47P 0726183, 1617728) (Shut down)
Measurement Date Aug 23 - Aug 24, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 623382

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:10 AM - 12:15 AM	58.5	64.8	56.6
12:15 AM - 12:20 AM	58.0	67.0	55.6
12:20 AM - 12:25 AM	56.8	63.9	55.2
12:25 AM - 12:30 AM	57.3	62.3	54.8
12:30 AM - 12:35 AM	57.1	64.9	54.0
12:35 AM - 12:40 AM	56.2	62.2	54.3
12:40 AM - 12:45 AM	56.8	62.4	54.4
12:45 AM - 12:50 AM	57.9	64.2	54.2
12:50 AM - 12:55 AM	57.9	69.8	54.7
12:55 AM - 01:00 AM	56.1	62.1	54.0
01:00 AM - 01:05 AM	55.5	61.2	52.7
01:05 AM - 01:10 AM	56.4	63.5	54.4
01:10 AM - 01:15 AM	56.2	63.0	53.5
01:15 AM - 01:20 AM	55.8	60.7	53.6
01:20 AM - 01:25 AM	55.2	63.3	53.0
01:25 AM - 01:30 AM	55.5	62.7	53.6
01:30 AM - 01:35 AM	54.9	64.6	52.8
01:35 AM - 01:40 AM	55.2	62.2	53.1
01:40 AM - 01:45 AM	55.1	62.0	53.2
01:45 AM - 01:50 AM	55.3	74.6	53.0
01:50 AM - 01:55 AM	54.9	58.8	53.2
01:55 AM - 02:00 AM	55.6	65.1	53.5
02:00 AM - 02:05 AM	55.1	60.7	53.1
02:05 AM - 02:10 AM	55.0	67.1	52.3
02:10 AM - 02:15 AM	54.9	61.4	52.9
02:15 AM - 02:20 AM	55.2	59.2	52.9
02:20 AM - 02:25 AM	55.5	61.8	53.4
02:25 AM - 02:30 AM	56.0	61.9	53.2
02:30 AM - 02:35 AM	55.6	62.3	53.2
02:35 AM - 02:40 AM	55.7	62.8	53.0
02:40 AM - 02:45 AM	55.2	61.9	53.3
02:45 AM - 02:50 AM	56.2	65.4	53.7
02:50 AM - 02:55 AM	55.1	61.5	52.9
02:55 AM - 03:00 AM	55.1	61.0	52.8
03:00 AM - 03:05 AM	56.5	66.5	53.6
03:05 AM - 03:10 AM	54.6	60.9	52.6
03:10 AM - 03:15 AM	54.7	60.3	52.7
03:15 AM - 03:20 AM	58.4	70.4	52.9
03:20 AM - 03:25 AM	56.6	70.7	52.0
03:25 AM - 03:30 AM	56.7	71.1	52.8

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494233
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report No. : 3107822-1

Page 3 of 3

Sample No. 2494233-1
Parameter Noise
Location บ้านสามชัย (จุดข้างถัง) (GPS 47P 0726183, 1617728) (Shut down)
Measurement Date Aug 23 - Aug 24, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 623382

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:30 AM - 03:35 AM	56.9	71.6	53.6
03:35 AM - 03:40 AM	56.2	64.9	53.4
03:40 AM - 03:45 AM	56.9	64.8	54.1
03:45 AM - 03:50 AM	56.4	65.7	53.3
03:50 AM - 03:55 AM	56.5	67.4	53.1
03:55 AM - 04:00 AM	56.8	68.5	52.9
04:00 AM - 04:05 AM	55.7	69.0	53.8
04:05 AM - 04:10 AM	56.9	70.6	54.0
04:10 AM - 04:15 AM	56.8	66.7	54.8
04:15 AM - 04:20 AM	57.4	67.2	54.7
04:20 AM - 04:25 AM	57.2	65.6	54.3
04:25 AM - 04:30 AM	56.8	67.4	54.6
04:30 AM - 04:35 AM	57.0	77.0	54.5
04:35 AM - 04:40 AM	57.6	72.7	54.9
04:40 AM - 04:45 AM	57.6	69.0	55.4
04:45 AM - 04:50 AM	58.3	65.7	55.2
04:50 AM - 04:55 AM	57.9	68.2	55.0
04:55 AM - 05:00 AM	58.1	68.4	55.6
05:00 AM - 05:05 AM	58.0	68.0	55.5
05:05 AM - 05:10 AM	57.9	65.8	54.8
05:10 AM - 05:15 AM	58.6	67.4	56.2
05:15 AM - 05:20 AM	58.2	66.2	56.0
05:20 AM - 05:25 AM	57.4	66.9	54.8
05:25 AM - 05:30 AM	58.0	66.3	55.3
05:30 AM - 05:35 AM	58.3	64.8	55.5
05:35 AM - 05:40 AM	58.6	66.6	55.6
05:40 AM - 05:45 AM	58.9	68.9	55.8
05:45 AM - 05:50 AM	58.6	68.0	56.1
05:50 AM - 05:55 AM	58.4	66.8	55.9
05:55 AM - 06:00 AM	59.2	71.0	56.5
06:00 AM - 07:00 AM	60.0	73.0	57.6
07:00 AM - 08:00 AM	59.4	72.6	57.2

Reference Method :

- In-house method : STM 06-001 based on ISO 1996-1 : 2016
- ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงการรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2567

Approved by

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494233
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report No. : 3107823-1

Page 1 of 3

Sample No. 2494233-2
Parameter Noise
Location บ้านสามชัย (จุดข้างถัง) (GPS 47P 0726183, 1617728) (Shut down)
Measurement Date Aug 24 - Aug 25, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 623382

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:00 AM - 09:00 AM	58.6	79.6	55.7
09:00 AM - 10:00 AM	56.6	76.6	54.3
10:00 AM - 11:00 AM	57.0	76.0	54.9
11:00 AM - 12:00 PM	56.3	74.8	54.0
12:00 PM - 01:00 PM	56.4	71.5	54.0
01:00 PM - 02:00 PM	56.7	73.1	54.5
02:00 PM - 03:00 PM	56.6	70.2	54.2
03:00 PM - 04:00 PM	56.9	73.8	54.6
04:00 PM - 05:00 PM	58.6	79.0	56.5
05:00 PM - 06:00 PM	59.4	77.4	57.3
06:00 PM - 07:00 PM	60.1	76.0	58.2
07:00 PM - 08:00 PM	59.3	73.9	57.4
08:00 PM - 09:00 PM	55.9	72.3	53.9
09:00 PM - 10:00 PM	57.5	83.8	54.4
10:00 PM - 10:05 PM	57.2	78.4	55.2
10:05 PM - 10:10 PM	57.8	66.9	55.4
10:10 PM - 10:15 PM	58.0	67.6	56.2
10:15 PM - 10:20 PM	56.6	62.9	54.5
10:20 PM - 10:25 PM	57.1	64.2	55.4
10:25 PM - 10:30 PM	57.2	66.8	54.9
10:30 PM - 10:35 PM	57.2	63.6	54.7
10:35 PM - 10:40 PM	57.2	69.3	55.0
10:40 PM - 10:45 PM	56.7	60.9	54.8
10:45 PM - 10:50 PM	56.8	64.8	54.8
10:50 PM - 10:55 PM	56.8	67.4	54.1
10:55 PM - 11:00 PM	57.3	63.3	54.9
11:00 PM - 11:05 PM	57.8	64.8	55.9
11:05 PM - 11:10 PM	56.8	66.7	54.5
11:10 PM - 11:15 PM	56.1	64.3	54.1
11:15 PM - 11:20 PM	55.4	61.8	53.6
11:20 PM - 11:25 PM	56.1	76.0	54.2
11:25 PM - 11:30 PM	59.3	81.5	55.6
11:30 PM - 11:35 PM	61.8	88.3	55.6
11:35 PM - 11:40 PM	57.0	76.3	54.7
11:40 PM - 11:45 PM	55.1	59.6	53.5
11:45 PM - 11:50 PM	56.2	73.0	53.2
11:50 PM - 11:55 PM	55.1	63.8	53.4
11:55 PM - 12:00 AM	55.5	61.1	53.3
12:00 AM - 12:05 AM	54.4	58.3	51.9
12:05 AM - 12:10 AM	55.7	63.3	53.0

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh, Saraburi
Thailand 18260

Lot ID: 2494233
Date Received :Sep 04, 2024
Date Reported :Sep 11, 2024
Report No. : 3107823-1

P/O :
Project Name : Saraburi Factory Plant
Project Location :

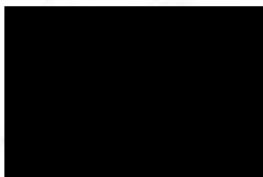
Page 2 of 3

Sample No. 2494233-2
Parameter Noise
Location บ้านฉนวนมิตร (จุดข้างฝั่ง) (GPS 47P 0726183, 1617728) (Shut down)
Measurement Date Aug 24 - Aug 25, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 623382

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:10 AM - 12:15 AM	55.4	59.4	53.2
12:15 AM - 12:20 AM	56.2	63.0	54.0
12:20 AM - 12:25 AM	56.3	63.7	54.3
12:25 AM - 12:30 AM	56.0	60.6	54.2
12:30 AM - 12:35 AM	56.5	63.7	54.8
12:35 AM - 12:40 AM	56.8	63.2	54.8
12:40 AM - 12:45 AM	56.9	61.6	55.2
12:45 AM - 12:50 AM	56.9	62.7	54.8
12:50 AM - 12:55 AM	57.0	62.0	54.8
12:55 AM - 01:00 AM	57.0	62.0	55.0
01:00 AM - 01:05 AM	57.4	62.3	54.8
01:05 AM - 01:10 AM	57.2	63.0	55.3
01:10 AM - 01:15 AM	57.0	67.5	54.7
01:15 AM - 01:20 AM	57.1	63.5	55.6
01:20 AM - 01:25 AM	57.6	62.7	56.0
01:25 AM - 01:30 AM	56.6	61.9	55.1
01:30 AM - 01:35 AM	57.1	63.5	55.6
01:35 AM - 01:40 AM	57.9	64.0	56.1
01:40 AM - 01:45 AM	57.5	62.3	55.7
01:45 AM - 01:50 AM	57.8	67.6	55.8
01:50 AM - 01:55 AM	57.8	64.6	56.1
01:55 AM - 02:00 AM	58.4	63.7	55.7
02:00 AM - 02:05 AM	57.7	63.2	55.8
02:05 AM - 02:10 AM	58.2	64.1	55.8
02:10 AM - 02:15 AM	58.1	68.9	55.2
02:15 AM - 02:20 AM	58.9	63.7	56.4
02:20 AM - 02:25 AM	58.7	64.8	56.3
02:25 AM - 02:30 AM	58.4	68.5	56.7
02:30 AM - 02:35 AM	57.8	64.5	56.0
02:35 AM - 02:40 AM	58.2	67.6	55.7
02:40 AM - 02:45 AM	57.6	63.3	54.9
02:45 AM - 02:50 AM	57.9	68.3	55.6
02:50 AM - 02:55 AM	58.1	62.6	55.9
02:55 AM - 03:00 AM	58.0	63.3	54.8
03:00 AM - 03:05 AM	57.8	63.3	55.3
03:05 AM - 03:10 AM	57.9	65.6	55.5
03:10 AM - 03:15 AM	57.4	62.5	55.6
03:15 AM - 03:20 AM	57.4	70.4	55.0
03:20 AM - 03:25 AM	58.0	65.2	55.5
03:25 AM - 03:30 AM	57.5	65.1	54.9

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Approved by



Analyst: General Manager

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh, Saraburi
Thailand 18260

Lot ID: 2494233
Date Received :Sep 04, 2024
Date Reported :Sep 11, 2024
Report No. : 3107823-1

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Page 3 of 3

Sample No. 2494233-2
Parameter Noise
Location บ้านฉนวนมิตร (จุดข้างฝั่ง) (GPS 47P 0726183, 1617728) (Shut down)
Measurement Date Aug 24 - Aug 25, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 623382

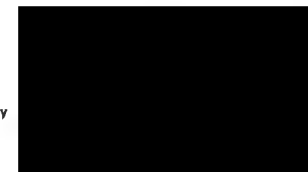
Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:30 AM - 03:35 AM	57.9	69.3	55.4
03:35 AM - 03:40 AM	57.1	63.8	55.2
03:40 AM - 03:45 AM	57.7	70.3	54.8
03:45 AM - 03:50 AM	57.1	67.0	54.9
03:50 AM - 03:55 AM	57.1	66.1	55.3
03:55 AM - 04:00 AM	57.9	69.2	55.6
04:00 AM - 04:05 AM	57.8	68.9	54.9
04:05 AM - 04:10 AM	56.9	69.7	54.6
04:10 AM - 04:15 AM	58.0	74.0	54.9
04:15 AM - 04:20 AM	58.5	70.5	54.0
04:20 AM - 04:25 AM	57.0	68.0	54.5
04:25 AM - 04:30 AM	56.7	66.9	54.4
04:30 AM - 04:35 AM	57.4	67.5	54.2
04:35 AM - 04:40 AM	56.6	66.7	53.7
04:40 AM - 04:45 AM	56.7	61.8	54.1
04:45 AM - 04:50 AM	56.5	64.0	53.9
04:50 AM - 04:55 AM	57.3	65.3	54.2
04:55 AM - 05:00 AM	58.9	67.6	55.7
05:00 AM - 05:05 AM	57.2	65.8	54.3
05:05 AM - 05:10 AM	57.3	66.8	54.7
05:10 AM - 05:15 AM	60.3	75.4	56.0
05:15 AM - 05:20 AM	58.4	68.5	54.9
05:20 AM - 05:25 AM	59.6	73.4	55.1
05:25 AM - 05:30 AM	58.8	75.9	54.8
05:30 AM - 05:35 AM	57.8	67.0	55.5
05:35 AM - 05:40 AM	58.0	68.1	55.0
05:40 AM - 05:45 AM	58.6	66.9	55.4
05:45 AM - 05:50 AM	58.3	67.9	55.4
05:50 AM - 05:55 AM	58.0	66.2	55.4
05:55 AM - 06:00 AM	58.7	68.1	55.9
06:00 AM - 07:00 AM	59.0	72.3	56.4
07:00 AM - 08:00 AM	62.3	80.7	56.7

Reference Method :

- In-house method : STM 06-001 based on ISO 1996-1 : 2016
- ประกาศกรมโรงงานอุตสาหกรรม เรื่อง 16การตรวจวัดระดับเสียงการรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่คิดจากค่าการประกอบกิจการโรงงาน พ.ศ. 2567

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

Lot ID: 2494233
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report No. : 3107824-1

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Page 1 of 3

Sample No. 2494233-3
Parameter Noise
Location บ้านลำบางมิตร (จุดลำดัง) (GPS 47P 0726183, 1617728) (Shut down)
Measurement Date Aug 25 - Aug 26, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 623382

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:00 AM - 09:00 AM	61.0	73.5	57.4
09:00 AM - 10:00 AM	56.8	74.9	54.6
10:00 AM - 11:00 AM	56.2	68.5	54.2
11:00 AM - 12:00 PM	59.9	85.7	55.4
12:00 PM - 01:00 PM	56.8	78.0	54.2
01:00 PM - 02:00 PM	56.8	71.9	54.8
02:00 PM - 03:00 PM	56.3	69.4	54.3
03:00 PM - 04:00 PM	57.1	69.8	55.3
04:00 PM - 05:00 PM	57.3	72.7	55.4
05:00 PM - 06:00 PM	57.6	74.9	55.4
06:00 PM - 07:00 PM	57.8	78.8	55.4
07:00 PM - 08:00 PM	57.4	74.1	55.5
08:00 PM - 09:00 PM	59.1	68.9	56.7
09:00 PM - 10:00 PM	58.5	79.7	55.9
10:00 PM - 10:05 PM	57.4	75.9	55.2
10:05 PM - 10:10 PM	58.5	77.9	55.2
10:10 PM - 10:15 PM	56.7	61.7	54.5
10:15 PM - 10:20 PM	57.2	62.5	55.2
10:20 PM - 10:25 PM	57.1	63.4	55.2
10:25 PM - 10:30 PM	55.1	67.2	53.0
10:30 PM - 10:35 PM	54.7	59.9	53.1
10:35 PM - 10:40 PM	55.3	59.4	53.9
10:40 PM - 10:45 PM	54.2	59.4	52.3
10:45 PM - 10:50 PM	55.2	73.2	52.6
10:50 PM - 10:55 PM	54.5	67.1	52.8
10:55 PM - 11:00 PM	54.8	63.5	52.6
11:00 PM - 11:05 PM	54.0	67.9	51.3
11:05 PM - 11:10 PM	54.9	65.5	52.4
11:10 PM - 11:15 PM	54.7	61.2	51.7
11:15 PM - 11:20 PM	53.9	58.4	51.8
11:20 PM - 11:25 PM	55.3	62.6	52.9
11:25 PM - 11:30 PM	56.1	66.3	53.7
11:30 PM - 11:35 PM	56.3	61.6	53.8
11:35 PM - 11:40 PM	56.5	66.0	54.4
11:40 PM - 11:45 PM	56.8	65.4	53.6
11:45 PM - 11:50 PM	57.4	62.3	54.9
11:50 PM - 11:55 PM	58.7	74.6	53.9
11:55 PM - 12:00 AM	62.3	75.6	54.4
12:00 AM - 12:05 AM	57.2	67.2	54.6
12:05 AM - 12:10 AM	57.3	62.3	55.2

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

Lot ID: 2494233
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report No. : 3107824-1

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Page 2 of 3

Sample No. 2494233-3
Parameter Noise
Location บ้านลำบางมิตร (จุดลำดัง) (GPS 47P 0726183, 1617728) (Shut down)
Measurement Date Aug 25 - Aug 26, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 623382

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:10 AM - 12:15 AM	59.1	72.2	56.2
12:15 AM - 12:20 AM	58.8	65.6	56.9
12:20 AM - 12:25 AM	57.9	63.2	55.7
12:25 AM - 12:30 AM	57.1	64.2	55.0
12:30 AM - 12:35 AM	57.9	67.2	55.4
12:35 AM - 12:40 AM	56.7	63.4	53.6
12:40 AM - 12:45 AM	56.6	63.3	53.7
12:45 AM - 12:50 AM	56.5	60.2	54.4
12:50 AM - 12:55 AM	57.1	64.2	53.9
12:55 AM - 01:00 AM	56.9	66.5	54.3
01:00 AM - 01:05 AM	56.6	60.9	53.9
01:05 AM - 01:10 AM	57.1	64.4	54.2
01:10 AM - 01:15 AM	56.8	62.0	54.0
01:15 AM - 01:20 AM	58.1	65.1	55.2
01:20 AM - 01:25 AM	57.2	63.0	54.2
01:25 AM - 01:30 AM	56.3	61.1	54.1
01:30 AM - 01:35 AM	56.5	63.9	54.2
01:35 AM - 01:40 AM	57.3	63.3	54.6
01:40 AM - 01:45 AM	56.9	62.1	54.4
01:45 AM - 01:50 AM	57.7	66.2	54.7
01:50 AM - 01:55 AM	57.3	65.3	54.0
01:55 AM - 02:00 AM	58.1	63.3	55.1
02:00 AM - 02:05 AM	57.3	69.5	54.5
02:05 AM - 02:10 AM	57.2	65.8	54.5
02:10 AM - 02:15 AM	58.6	79.0	55.5
02:15 AM - 02:20 AM	56.8	63.6	54.7
02:20 AM - 02:25 AM	58.3	77.6	55.6
02:25 AM - 02:30 AM	57.0	64.5	54.2
02:30 AM - 02:35 AM	56.1	63.4	53.6
02:35 AM - 02:40 AM	58.4	65.9	55.4
02:40 AM - 02:45 AM	57.6	63.3	54.4
02:45 AM - 02:50 AM	57.2	64.0	54.1
02:50 AM - 02:55 AM	55.9	63.0	53.5
02:55 AM - 03:00 AM	56.5	61.6	54.1
03:00 AM - 03:05 AM	57.4	63.8	55.4
03:05 AM - 03:10 AM	57.3	65.3	55.5
03:10 AM - 03:15 AM	58.0	67.5	55.4
03:15 AM - 03:20 AM	57.4	65.4	54.2
03:20 AM - 03:25 AM	56.9	66.5	54.8
03:25 AM - 03:30 AM	57.2	67.5	54.7

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

Lot ID: 2494233
Date Received :Sep 04, 2024
Date Reported :Sep 11, 2024
Report No. : 3107824-1

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Page 3 of 3

Sample No. 2494233-3
Parameter Noise
Location บ้านฉนวนฉัตร (จุดอ้างอิง) (GPS 47P 0726183, 1617728) (Shut down)
Measurement Date Aug 25 - Aug 26, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 623382

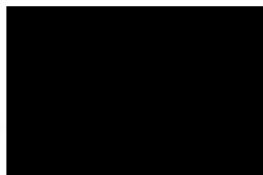
Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:30 AM - 03:35 AM	57.6	64.4	54.4
03:35 AM - 03:40 AM	57.1	64.7	54.9
03:40 AM - 03:45 AM	56.5	63.1	54.5
03:45 AM - 03:50 AM	57.5	65.6	54.8
03:50 AM - 03:55 AM	57.4	69.7	54.8
03:55 AM - 04:00 AM	56.7	68.0	54.4
04:00 AM - 04:05 AM	57.6	65.6	54.7
04:05 AM - 04:10 AM	57.0	71.3	54.5
04:10 AM - 04:15 AM	57.8	63.7	55.3
04:15 AM - 04:20 AM	57.8	66.0	55.0
04:20 AM - 04:25 AM	57.6	64.8	54.6
04:25 AM - 04:30 AM	57.0	72.3	54.3
04:30 AM - 04:35 AM	56.6	64.1	54.2
04:35 AM - 04:40 AM	56.7	66.5	54.1
04:40 AM - 04:45 AM	55.1	61.8	52.3
04:45 AM - 04:50 AM	55.2	63.7	53.2
04:50 AM - 04:55 AM	56.3	63.1	54.6
04:55 AM - 05:00 AM	57.6	71.1	54.2
05:00 AM - 05:05 AM	55.8	62.5	53.5
05:05 AM - 05:10 AM	58.3	67.6	55.1
05:10 AM - 05:15 AM	57.4	64.5	54.9
05:15 AM - 05:20 AM	56.5	63.8	54.8
05:20 AM - 05:25 AM	56.0	62.3	54.4
05:25 AM - 05:30 AM	56.9	61.9	54.8
05:30 AM - 05:35 AM	57.3	63.0	55.5
05:35 AM - 05:40 AM	55.8	63.3	54.2
05:40 AM - 05:45 AM	56.4	67.4	54.3
05:45 AM - 05:50 AM	55.2	61.2	53.2
05:50 AM - 05:55 AM	56.0	68.5	54.3
05:55 AM - 06:00 AM	57.9	65.5	55.6
06:00 AM - 07:00 AM	57.3	82.3	54.9
07:00 AM - 08:00 AM	57.3	76.4	55.2

Reference Method :

1. In-house method : STM 06-001 based on ISO 1996-1 : 2016
2. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงการรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2567

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

Lot ID: 2494233
Date Received :Sep 04, 2024
Date Reported :Sep 11, 2024
Report No. : 3107825-1

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Page 1 of 3

Sample No. 2494233-4
Parameter Noise
Location บ้านฉนวนฉัตร (จุดอ้างอิง) (GPS 47P 0726183, 1617728) (Shut down)
Measurement Date Aug 26 - Aug 27, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 623382

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:00 AM - 09:00 AM	56.7	65.4	54.9
09:00 AM - 10:00 AM	56.3	73.6	54.0
10:00 AM - 11:00 AM	56.5	75.6	54.1
11:00 AM - 12:00 PM	57.1	76.6	53.7
12:00 PM - 01:00 PM	59.6	87.4	53.8
01:00 PM - 02:00 PM	56.4	69.7	54.3
02:00 PM - 03:00 PM	57.2	71.9	54.7
03:00 PM - 04:00 PM	56.8	71.3	54.5
04:00 PM - 05:00 PM	57.5	70.6	55.3
05:00 PM - 06:00 PM	58.5	70.4	56.5
06:00 PM - 07:00 PM	58.9	73.8	56.7
07:00 PM - 08:00 PM	59.6	71.8	57.3
08:00 PM - 09:00 PM	59.3	76.3	57.0
09:00 PM - 10:00 PM	58.8	73.3	56.5
10:00 PM - 10:05 PM	58.5	65.0	56.1
10:05 PM - 10:10 PM	57.9	63.3	56.1
10:10 PM - 10:15 PM	59.2	65.4	56.7
10:15 PM - 10:20 PM	60.2	70.8	57.7
10:20 PM - 10:25 PM	58.9	64.1	56.8
10:25 PM - 10:30 PM	59.0	64.4	56.5
10:30 PM - 10:35 PM	57.8	71.2	55.7
10:35 PM - 10:40 PM	57.7	64.6	55.8
10:40 PM - 10:45 PM	57.0	63.5	55.4
10:45 PM - 10:50 PM	58.0	64.2	56.4
10:50 PM - 10:55 PM	58.2	74.2	55.4
10:55 PM - 11:00 PM	65.6	86.1	54.7
11:00 PM - 11:05 PM	58.3	66.9	56.5
11:05 PM - 11:10 PM	58.9	75.2	55.8
11:10 PM - 11:15 PM	57.7	62.3	56.2
11:15 PM - 11:20 PM	60.0	70.7	57.3
11:20 PM - 11:25 PM	59.1	67.7	57.4
11:25 PM - 11:30 PM	58.3	72.6	56.6
11:30 PM - 11:35 PM	57.4	67.7	55.3
11:35 PM - 11:40 PM	57.6	65.1	55.5
11:40 PM - 11:45 PM	58.0	67.3	56.0
11:45 PM - 11:50 PM	58.5	65.8	56.3
11:50 PM - 11:55 PM	55.1	63.4	52.4
11:55 PM - 12:00 AM	54.5	59.9	52.6
12:00 AM - 12:05 AM	54.4	64.8	52.3
12:05 AM - 12:10 AM	55.3	60.0	53.3

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Life Sciences

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RIGHT SOLUTIONS RIGHT PARTNER



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494233
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report No. : 3107825-1

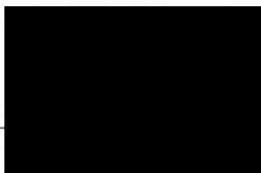
Page 2 of 3

Sample No. : 2494233-4
Parameter : Noise
Location : บ้านฉางฉิม (จุดอ้างอิง) (GPS 47P 0726183, 1617728) (Shut down)
Measurement Date : Aug 26 - Aug 27, 2024
Measurement by : Prommee Sripanet
Sound Level Meter : 623382

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:10 AM - 12:15 AM	55.5	63.0	53.2
12:15 AM - 12:20 AM	55.5	67.7	52.5
12:20 AM - 12:25 AM	54.6	59.8	52.6
12:25 AM - 12:30 AM	53.8	61.1	51.6
12:30 AM - 12:35 AM	54.2	58.5	51.7
12:35 AM - 12:40 AM	55.3	63.8	52.3
12:40 AM - 12:45 AM	54.7	59.9	52.7
12:45 AM - 12:50 AM	55.1	59.2	51.7
12:50 AM - 12:55 AM	53.7	60.5	52.7
12:55 AM - 01:00 AM	54.9	61.1	52.1
01:00 AM - 01:05 AM	54.8	62.0	51.6
01:05 AM - 01:10 AM	54.1	60.2	51.4
01:10 AM - 01:15 AM	54.8	60.0	53.4
01:15 AM - 01:20 AM	55.8	63.7	53.2
01:20 AM - 01:25 AM	55.5	60.9	52.1
01:25 AM - 01:30 AM	54.6	60.3	52.4
01:30 AM - 01:35 AM	54.2	59.0	52.7
01:35 AM - 01:40 AM	54.6	60.8	52.6
01:40 AM - 01:45 AM	54.6	59.7	52.7
01:45 AM - 01:50 AM	51.9	60.2	52.2
01:50 AM - 01:55 AM	54.5	60.4	52.6
01:55 AM - 02:00 AM	55.1	60.2	52.4
02:00 AM - 02:05 AM	55.7	71.5	52.1
02:05 AM - 02:10 AM	54.1	72.1	51.9
02:10 AM - 02:15 AM	54.8	66.5	52.7
02:15 AM - 02:20 AM	55.1	59.9	52.1
02:20 AM - 02:25 AM	54.4	61.3	52.1
02:25 AM - 02:30 AM	54.3	61.1	52.1
02:30 AM - 02:35 AM	54.5	64.1	51.4
02:35 AM - 02:40 AM	54.0	67.6	51.2
02:40 AM - 02:45 AM	53.0	72.6	51.4
02:45 AM - 02:50 AM	53.1	60.4	51.2
02:50 AM - 02:55 AM	53.8	69.8	51.4
02:55 AM - 03:00 AM	52.8	61.3	50.4
03:00 AM - 03:05 AM	53.9	60.8	51.1
03:05 AM - 03:10 AM	53.7	58.6	51.9
03:10 AM - 03:15 AM	55.1	65.9	52.3
03:15 AM - 03:20 AM	55.1	65.5	53.1
03:20 AM - 03:25 AM	55.5	65.1	52.4
03:25 AM - 03:30 AM	54.6	63.4	

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LIFE SCIENCE

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494233
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report No. : 3107825-1

Page 3 of 3

Sample No. : 2494233-4
Parameter : Noise
Location : บ้านฉางฉิม (จุดอ้างอิง) (GPS 47P 0726183, 1617728) (Shut down)
Measurement Date : Aug 26 - Aug 27, 2024
Measurement by : Prommee Sripanet
Sound Level Meter : 623382

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:30 AM - 03:35 AM	55.2	73.1	52.1
03:35 AM - 03:40 AM	53.9	61.7	51.9
03:40 AM - 03:45 AM	55.4	64.5	52.6
03:45 AM - 03:50 AM	54.1	64.1	52.2
03:50 AM - 03:55 AM	55.3	64.1	52.6
03:55 AM - 04:00 AM	55.0	64.3	52.6
04:00 AM - 04:05 AM	56.3	71.1	52.8
04:05 AM - 04:10 AM	54.9	70.6	52.4
04:10 AM - 04:15 AM	55.3	65.4	52.3
04:15 AM - 04:20 AM	54.9	68.1	52.2
04:20 AM - 04:25 AM	56.0	65.3	52.0
04:25 AM - 04:30 AM	55.6	65.9	53.0
04:30 AM - 04:35 AM	55.0	66.3	52.0
04:35 AM - 04:40 AM	55.2	66.2	52.4
04:40 AM - 04:45 AM	54.2	63.4	51.5
04:45 AM - 04:50 AM	55.7	66.1	52.6
04:50 AM - 04:55 AM	56.2	67.8	52.1
04:55 AM - 05:00 AM	53.6	64.0	50.6
05:00 AM - 05:05 AM	54.0	60.9	51.4
05:05 AM - 05:10 AM	54.3	60.2	51.2
05:10 AM - 05:15 AM	53.7	57.9	51.3
05:15 AM - 05:20 AM	54.5	64.0	52.5
05:20 AM - 05:25 AM	54.5	62.5	51.6
05:25 AM - 05:30 AM	55.4	61.9	52.4
05:30 AM - 05:35 AM	57.6	72.0	52.5
05:35 AM - 05:40 AM	55.6	66.1	52.7
05:40 AM - 05:45 AM	56.0	67.7	52.8
05:45 AM - 05:50 AM	56.8	67.3	53.6
05:50 AM - 05:55 AM	56.5	65.3	53.9
05:55 AM - 06:00 AM	56.5	63.4	54.0
06:00 AM - 07:00 AM	58.0	75.4	55.1
07:00 AM - 08:00 AM	59.8	77.1	55.3

Reference Method :

1. In-house method : STM 06-001 based on ISO 1996-1 : 2016
2. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง การตรวจวัดระดับเสียงการรบกวน ชะลัมเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2567

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhai, Saraburi
Thailand 18260

Lot ID: 2494233
Date Received :Sep 04, 2024
Date Reported :Sep 11, 2024
Report No. : 3107826-1

P/O :
Project Name : Saraburi Factory Plant
Project Location :

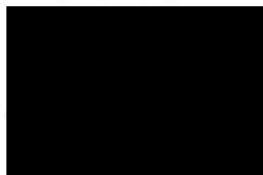
Page 1 of 3

Sample No. 2494233-5
Parameter Noise
Location บ้านฉางงัด (จุดอ้างอิง) (GPS 47P 0726183, 1617728) (Shut down)
Measurement Date Aug 27 - Aug 28, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 623382

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:00 AM - 09:00 AM	57.4	69.8	54.2
09:00 AM - 10:00 AM	56.2	77.4	53.5
10:00 AM - 11:00 AM	59.0	85.4	53.4
11:00 AM - 12:00 PM	56.0	73.4	53.6
12:00 PM - 01:00 PM	55.2	68.1	52.8
01:00 PM - 02:00 PM	55.0	69.0	52.8
02:00 PM - 03:00 PM	56.1	69.3	54.0
03:00 PM - 04:00 PM	56.5	73.8	53.9
04:00 PM - 05:00 PM	56.4	74.7	54.0
05:00 PM - 06:00 PM	57.4	74.4	54.9
06:00 PM - 07:00 PM	57.7	73.2	55.4
07:00 PM - 08:00 PM	57.4	74.7	55.2
08:00 PM - 09:00 PM	59.2	75.1	56.6
09:00 PM - 10:00 PM	55.7	71.9	53.7
10:00 PM - 10:05 PM	55.5	62.1	53.3
10:05 PM - 10:10 PM	55.8	60.0	54.0
10:10 PM - 10:15 PM	54.8	59.0	52.8
10:15 PM - 10:20 PM	55.3	62.2	53.1
10:20 PM - 10:25 PM	55.3	61.0	53.3
10:25 PM - 10:30 PM	55.1	62.0	52.9
10:30 PM - 10:35 PM	54.7	59.6	52.7
10:35 PM - 10:40 PM	54.4	61.8	52.4
10:40 PM - 10:45 PM	55.7	78.3	51.6
10:45 PM - 10:50 PM	55.0	67.9	52.3
10:50 PM - 10:55 PM	53.7	60.1	51.6
10:55 PM - 11:00 PM	54.2	66.8	51.4
11:00 PM - 11:05 PM	54.4	69.1	52.2
11:05 PM - 11:10 PM	54.0	59.6	51.4
11:10 PM - 11:15 PM	54.1	60.2	51.7
11:15 PM - 11:20 PM	54.9	62.0	52.5
11:20 PM - 11:25 PM	54.1	71.9	51.7
11:25 PM - 11:30 PM	54.4	62.6	51.9
11:30 PM - 11:35 PM	54.2	62.9	52.0
11:35 PM - 11:40 PM	55.5	62.2	53.4
11:40 PM - 11:45 PM	55.6	60.3	53.2
11:45 PM - 11:50 PM	55.4	60.4	53.4
11:50 PM - 11:55 PM	57.2	67.5	54.5
11:55 PM - 12:00 AM	56.5	71.3	53.5
12:00 AM - 12:05 AM	56.8	64.1	54.9
12:05 AM - 12:10 AM	56.3	63.5	54.1

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ANALYST: PROMMEE SRIPATNET

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhai, Saraburi
Thailand 18260

Lot ID: 2494233
Date Received :Sep 04, 2024
Date Reported :Sep 11, 2024
Report No. : 3107826-1

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Page 2 of 3

Sample No. 2494233-5
Parameter Noise
Location บ้านฉางงัด (จุดอ้างอิง) (GPS 47P 0726183, 1617728) (Shut down)
Measurement Date Aug 27 - Aug 28, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 623382

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:10 AM - 12:15 AM	57.7	72.6	54.4
12:15 AM - 12:20 AM	57.7	72.4	53.9
12:20 AM - 12:25 AM	67.5	78.3	54.8
12:25 AM - 12:30 AM	65.0	71.2	58.9
12:30 AM - 12:35 AM	59.8	77.0	53.6
12:35 AM - 12:40 AM	56.2	70.8	53.8
12:40 AM - 12:45 AM	55.5	62.1	53.5
12:45 AM - 12:50 AM	57.4	64.5	54.9
12:50 AM - 12:55 AM	58.9	76.4	56.0
12:55 AM - 01:00 AM	58.7	71.1	56.6
01:00 AM - 01:05 AM	57.5	62.3	55.3
01:05 AM - 01:10 AM	57.6	66.3	54.7
01:10 AM - 01:15 AM	57.4	63.6	55.0
01:15 AM - 01:20 AM	57.5	65.1	54.6
01:20 AM - 01:25 AM	57.1	67.3	54.9
01:25 AM - 01:30 AM	56.3	65.1	53.5
01:30 AM - 01:35 AM	54.3	62.1	52.4
01:35 AM - 01:40 AM	56.1	70.1	53.4
01:40 AM - 01:45 AM	55.2	78.2	52.4
01:45 AM - 01:50 AM	60.6	73.1	51.9
01:50 AM - 01:55 AM	60.4	76.7	54.1
01:55 AM - 02:00 AM	55.6	61.0	52.8
02:00 AM - 02:05 AM	69.0	77.6	54.6
02:05 AM - 02:10 AM	63.2	78.3	53.8
02:10 AM - 02:15 AM	62.1	86.1	52.4
02:15 AM - 02:20 AM	55.2	63.5	52.7
02:20 AM - 02:25 AM	55.8	68.4	53.3
02:25 AM - 02:30 AM	56.5	66.7	53.8
02:30 AM - 02:35 AM	55.9	64.8	53.7
02:35 AM - 02:40 AM	57.9	66.1	55.3
02:40 AM - 02:45 AM	57.1	64.0	53.7
02:45 AM - 02:50 AM	57.3	62.7	54.5
02:50 AM - 02:55 AM	56.2	61.5	53.8
02:55 AM - 03:00 AM	56.3	60.9	53.7
03:00 AM - 03:05 AM	57.1	63.7	54.3
03:05 AM - 03:10 AM	56.2	62.7	54.0
03:10 AM - 03:15 AM	56.8	62.7	54.6
03:15 AM - 03:20 AM	57.0	66.0	53.8
03:20 AM - 03:25 AM	57.1	64.8	54.8
03:25 AM - 03:30 AM	56.7	64.8	54.2

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ANALYST: PROMMEE SRIPATNET

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

Lot ID: 2494233
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report No. : 3107826-1

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Page 3 of 3

Sample No. 2494233-5
Parameter Noise
Location บ้านฉางยี่สิบ (จุดอ้างอิง) (GPS 47P 0726183, 1617728) (Shut down)
Measurement Date Aug 27 - Aug 28, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 623382

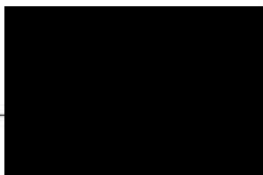
Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:30 AM - 03:35 AM	56.8	63.3	54.4
03:35 AM - 03:40 AM	57.1	66.4	54.6
03:40 AM - 03:45 AM	57.2	64.2	54.5
03:45 AM - 03:50 AM	56.8	64.8	54.3
03:50 AM - 03:55 AM	55.5	64.2	52.4
03:55 AM - 04:00 AM	56.3	70.9	53.0
04:00 AM - 04:05 AM	56.8	73.9	53.4
04:05 AM - 04:10 AM	56.3	65.9	53.0
04:10 AM - 04:15 AM	56.3	68.8	52.9
04:15 AM - 04:20 AM	56.6	65.1	53.9
04:20 AM - 04:25 AM	56.2	65.4	53.0
04:25 AM - 04:30 AM	55.7	64.9	53.5
04:30 AM - 04:35 AM	55.9	64.6	52.9
04:35 AM - 04:40 AM	56.6	66.1	53.1
04:40 AM - 04:45 AM	58.2	67.3	54.9
04:45 AM - 04:50 AM	57.1	66.0	54.2
04:50 AM - 04:55 AM	57.3	65.7	55.1
04:55 AM - 05:00 AM	56.5	66.6	53.8
05:00 AM - 05:05 AM	56.7	68.2	53.5
05:05 AM - 05:10 AM	55.7	67.3	53.1
05:10 AM - 05:15 AM	55.7	61.0	53.2
05:15 AM - 05:20 AM	56.8	66.3	53.6
05:20 AM - 05:25 AM	57.3	65.1	54.5
05:25 AM - 05:30 AM	56.4	65.0	54.2
05:30 AM - 05:35 AM	58.4	68.6	55.3
05:35 AM - 05:40 AM	58.4	70.1	54.6
05:40 AM - 05:45 AM	56.0	73.5	52.5
05:45 AM - 05:50 AM	56.1	74.1	53.6
05:50 AM - 05:55 AM	56.8	72.7	54.1
05:55 AM - 06:00 AM	57.3	67.8	53.3
06:00 AM - 07:00 AM	60.4	81.1	54.9
07:00 AM - 08:00 AM	61.3	75.7	57.8

Reference Method :

1. In-house method : STM 06-001 based on ISO 1996-1 : 2016
2. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงการรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดขึ้นจากการประกอบกิจการโรงงาน พ.ศ. 2567

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

Lot ID: 2494233
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report No. : 3107827-1

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Page 1 of 3

Sample No. 2494233-6
Parameter Noise
Location บ้านฉางยี่สิบ (จุดอ้างอิง) (GPS 47P 0726183, 1617728) (Shut down)
Measurement Date Aug 28 - Aug 29, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 623382

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:00 AM - 09:00 AM	56.2	66.8	54.0
09:00 AM - 10:00 AM	56.1	72.4	53.7
10:00 AM - 11:00 AM	56.1	68.5	53.9
11:00 AM - 12:00 PM	58.6	83.7	54.1
12:00 PM - 01:00 PM	56.8	76.8	54.2
01:00 PM - 02:00 PM	56.9	70.6	54.9
02:00 PM - 03:00 PM	57.2	73.2	55.1
03:00 PM - 04:00 PM	57.7	78.2	55.2
04:00 PM - 05:00 PM	57.7	77.7	54.5
05:00 PM - 06:00 PM	58.4	74.6	55.8
06:00 PM - 07:00 PM	59.4	89.1	55.0
07:00 PM - 08:00 PM	57.9	85.9	54.9
08:00 PM - 09:00 PM	56.4	75.6	54.3
09:00 PM - 10:00 PM	56.6	78.4	54.4
10:00 PM - 10:05 PM	62.1	83.2	55.5
10:05 PM - 10:10 PM	58.7	76.5	56.1
10:10 PM - 10:15 PM	59.7	80.0	56.4
10:15 PM - 10:20 PM	59.2	68.7	57.3
10:20 PM - 10:25 PM	58.5	71.0	57.1
10:25 PM - 10:30 PM	58.1	67.9	56.4
10:30 PM - 10:35 PM	57.1	62.0	55.2
10:35 PM - 10:40 PM	57.3	65.0	54.7
10:40 PM - 10:45 PM	55.9	60.2	54.5
10:45 PM - 10:50 PM	55.7	63.8	53.9
10:50 PM - 10:55 PM	56.0	62.1	53.7
10:55 PM - 11:00 PM	56.4	63.6	54.4
11:00 PM - 11:05 PM	55.8	66.0	53.5
11:05 PM - 11:10 PM	56.5	64.8	54.0
11:10 PM - 11:15 PM	55.9	61.9	54.0
11:15 PM - 11:20 PM	55.3	60.2	53.1
11:20 PM - 11:25 PM	56.4	77.0	53.5
11:25 PM - 11:30 PM	56.0	61.5	53.9
11:30 PM - 11:35 PM	56.6	61.8	54.1
11:35 PM - 11:40 PM	56.8	64.3	54.5
11:40 PM - 11:45 PM	55.8	62.2	53.4
11:45 PM - 11:50 PM	55.8	61.2	53.5
11:50 PM - 11:55 PM	55.4	62.8	52.4
11:55 PM - 12:00 AM	55.4	60.7	53.3
12:00 AM - 12:05 AM	56.4	63.4	53.8
12:05 AM - 12:10 AM	56.1	61.8	53.8

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

Lot ID: 2494233
Date Received :Sep 04, 2024
Date Reported :Sep 11, 2024
Report No. : 3107827-1

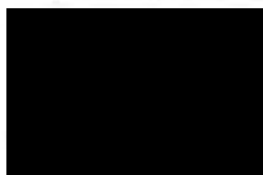
P/O :
Project Name : Saraburi Factory Plant
Project Location :

Page 2 of 3

Sample No. 2494233-6
Parameter Noise
Location บ้านฉนวนบจตร (จุดอ้างอิง) (GPS 47P 0726183, 1617728) (Shut down)
Measurement Date Aug 28 - Aug 29, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 623382

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:10 AM - 12:15 AM	55.9	63.0	53.5
12:15 AM - 12:20 AM	55.2	58.9	52.9
12:20 AM - 12:25 AM	55.8	63.5	53.9
12:25 AM - 12:30 AM	55.8	60.7	53.1
12:30 AM - 12:35 AM	56.4	63.7	53.9
12:35 AM - 12:40 AM	56.0	62.4	53.3
12:40 AM - 12:45 AM	55.0	60.8	52.7
12:45 AM - 12:50 AM	55.9	63.0	53.6
12:50 AM - 12:55 AM	56.6	62.2	53.9
12:55 AM - 01:00 AM	57.1	68.0	54.4
01:00 AM - 01:05 AM	56.6	75.2	54.2
01:05 AM - 01:10 AM	55.6	59.9	52.9
01:10 AM - 01:15 AM	55.7	59.9	53.5
01:15 AM - 01:20 AM	55.8	61.9	53.6
01:20 AM - 01:25 AM	55.4	61.8	53.4
01:25 AM - 01:30 AM	55.6	60.0	54.0
01:30 AM - 01:35 AM	57.5	73.8	54.2
01:35 AM - 01:40 AM	57.4	62.0	54.7
01:40 AM - 01:45 AM	57.1	66.9	54.8
01:45 AM - 01:50 AM	57.3	65.5	53.9
01:50 AM - 01:55 AM	57.7	68.4	55.7
01:55 AM - 02:00 AM	56.4	63.8	53.9
02:00 AM - 02:05 AM	56.5	62.8	54.3
02:05 AM - 02:10 AM	56.5	63.9	54.9
02:10 AM - 02:15 AM	55.8	62.8	53.7
02:15 AM - 02:20 AM	56.8	62.2	54.8
02:20 AM - 02:25 AM	57.3	63.0	54.7
02:25 AM - 02:30 AM	57.7	63.1	55.4
02:30 AM - 02:35 AM	56.9	64.5	54.4
02:35 AM - 02:40 AM	56.0	65.4	54.3
02:40 AM - 02:45 AM	56.1	61.1	54.0
02:45 AM - 02:50 AM	55.1	63.5	52.5
02:50 AM - 02:55 AM	55.6	60.0	53.5
02:55 AM - 03:00 AM	56.1	64.7	53.0
03:00 AM - 03:05 AM	56.8	72.3	53.8
03:05 AM - 03:10 AM	55.7	65.3	53.1
03:10 AM - 03:15 AM	56.8	66.7	53.8
03:15 AM - 03:20 AM	56.1	63.9	53.8
03:20 AM - 03:25 AM	56.2	63.9	53.0
03:25 AM - 03:30 AM	55.6	64.3	52.7

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

Lot ID: 2494233
Date Received :Sep 04, 2024
Date Reported :Sep 11, 2024
Report No. : 3107827-1

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Page 3 of 3

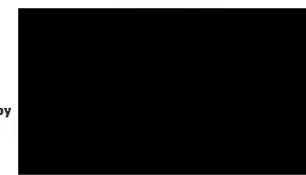
Sample No. 2494233-6
Parameter Noise
Location บ้านฉนวนบจตร (จุดอ้างอิง) (GPS 47P 0726183, 1617728) (Shut down)
Measurement Date Aug 28 - Aug 29, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 623382

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:30 AM - 03:35 AM	55.5	65.6	53.3
03:35 AM - 03:40 AM	55.5	68.4	53.1
03:40 AM - 03:45 AM	55.6	65.3	53.0
03:45 AM - 03:50 AM	55.5	64.5	53.4
03:50 AM - 03:55 AM	56.3	64.5	53.3
03:55 AM - 04:00 AM	56.9	65.4	53.4
04:00 AM - 04:05 AM	56.4	70.9	53.1
04:05 AM - 04:10 AM	56.1	65.0	53.4
04:10 AM - 04:15 AM	56.2	65.2	53.8
04:15 AM - 04:20 AM	54.5	58.8	52.8
04:20 AM - 04:25 AM	55.7	61.7	53.6
04:25 AM - 04:30 AM	55.6	65.4	53.4
04:30 AM - 04:35 AM	55.0	61.3	53.2
04:35 AM - 04:40 AM	55.2	62.6	53.3
04:40 AM - 04:45 AM	55.2	62.9	53.0
04:45 AM - 04:50 AM	55.0	60.9	53.0
04:50 AM - 04:55 AM	55.3	66.5	53.2
04:55 AM - 05:00 AM	55.8	65.8	52.8
05:00 AM - 05:05 AM	55.5	62.6	53.0
05:05 AM - 05:10 AM	54.6	63.0	52.6
05:10 AM - 05:15 AM	55.1	63.0	52.8
05:15 AM - 05:20 AM	55.7	61.9	53.5
05:20 AM - 05:25 AM	55.6	63.5	53.1
05:25 AM - 05:30 AM	55.9	63.1	53.5
05:30 AM - 05:35 AM	56.4	68.4	53.8
05:35 AM - 05:40 AM	57.2	62.9	54.6
05:40 AM - 05:45 AM	56.7	63.2	54.1
05:45 AM - 05:50 AM	57.7	65.4	54.7
05:50 AM - 05:55 AM	57.1	64.2	54.8
05:55 AM - 06:00 AM	57.5	63.6	54.5
06:00 AM - 07:00 AM	57.8	71.4	55.4
07:00 AM - 08:00 AM	61.4	87.7	56.8

Reference Method :

- In-house method : STM 06-001 based on ISO 1996-1 : 2016
- ประเทศไทยโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงการรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2567

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

Lot ID: 2494233
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report No. : 3107828-1

P/O :
Project Name : Saraburi Factory Plant
Project Location :

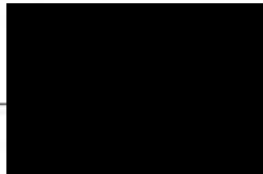
Page 1 of 3

Sample No. 2494233-7
Parameter Noise
Location บ้านฉางวนจิตร (จุดอ้างอิง) (GPS 47P 0726183, 1617728) (Shut down)
Measurement Date Aug 29 - Aug 30, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 623382

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:00 AM - 09:00 AM	61.0	75.3	57.1
09:00 AM - 10:00 AM	56.6	76.1	53.5
10:00 AM - 11:00 AM	58.1	83.5	53.1
11:00 AM - 12:00 PM	56.0	70.3	53.5
12:00 PM - 01:00 PM	55.8	73.2	53.7
01:00 PM - 02:00 PM	59.8	92.7	53.9
02:00 PM - 03:00 PM	62.6	81.7	54.3
03:00 PM - 04:00 PM	58.2	76.4	55.3
04:00 PM - 05:00 PM	57.6	76.0	55.3
05:00 PM - 06:00 PM	59.2	80.9	55.2
06:00 PM - 07:00 PM	56.9	78.4	54.9
07:00 PM - 08:00 PM	56.9	77.1	53.9
08:00 PM - 09:00 PM	56.2	76.3	53.4
09:00 PM - 10:00 PM	56.4	75.4	54.4
10:00 PM - 10:05 PM	57.1	61.0	55.2
10:05 PM - 10:10 PM	57.4	64.3	54.9
10:10 PM - 10:15 PM	57.8	65.5	54.8
10:15 PM - 10:20 PM	58.4	70.0	56.4
10:20 PM - 10:25 PM	58.1	65.1	55.9
10:25 PM - 10:30 PM	57.8	67.6	55.1
10:30 PM - 10:35 PM	56.6	62.6	53.9
10:35 PM - 10:40 PM	57.7	67.7	55.1
10:40 PM - 10:45 PM	57.6	66.3	55.0
10:45 PM - 10:50 PM	57.5	64.9	55.2
10:50 PM - 10:55 PM	57.2	64.5	54.7
10:55 PM - 11:00 PM	57.6	64.0	54.9
11:00 PM - 11:05 PM	58.2	65.2	55.8
11:05 PM - 11:10 PM	57.8	65.3	55.2
11:10 PM - 11:15 PM	56.2	61.8	53.7
11:15 PM - 11:20 PM	56.7	67.1	53.9
11:20 PM - 11:25 PM	56.1	62.3	53.8
11:25 PM - 11:30 PM	57.2	64.7	54.7
11:30 PM - 11:35 PM	55.7	59.6	53.8
11:35 PM - 11:40 PM	56.8	68.4	54.0
11:40 PM - 11:45 PM	57.3	62.4	55.0
11:45 PM - 11:50 PM	57.7	63.7	55.5
11:50 PM - 11:55 PM	58.4	65.9	54.9
11:55 PM - 12:00 AM	57.1	64.5	54.6
12:00 AM - 12:05 AM	57.1	63.2	55.2
12:05 AM - 12:10 AM	58.3	70.1	55.2

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

Lot ID: 2494233
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report No. : 3107828-1

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Page 2 of 3

Sample No. 2494233-7
Parameter Noise
Location บ้านฉางวนจิตร (จุดอ้างอิง) (GPS 47P 0726183, 1617728) (Shut down)
Measurement Date Aug 29 - Aug 30, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 623382

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:10 AM - 12:15 AM	57.5	68.2	54.8
12:15 AM - 12:20 AM	55.4	64.1	52.5
12:20 AM - 12:25 AM	54.5	61.7	52.4
12:25 AM - 12:30 AM	54.7	66.1	52.7
12:30 AM - 12:35 AM	54.4	72.9	52.3
12:35 AM - 12:40 AM	54.3	63.1	52.2
12:40 AM - 12:45 AM	55.2	71.2	52.3
12:45 AM - 12:50 AM	55.9	73.9	52.2
12:50 AM - 12:55 AM	54.8	63.1	52.5
12:55 AM - 01:00 AM	55.0	60.5	53.0
01:00 AM - 01:05 AM	54.5	64.4	51.8
01:05 AM - 01:10 AM	53.4	57.2	51.6
01:10 AM - 01:15 AM	53.5	58.1	51.4
01:15 AM - 01:20 AM	53.5	58.4	51.7
01:20 AM - 01:25 AM	54.3	61.4	51.9
01:25 AM - 01:30 AM	55.2	59.5	53.5
01:30 AM - 01:35 AM	55.8	61.1	53.7
01:35 AM - 01:40 AM	63.7	76.5	54.2
01:40 AM - 01:45 AM	64.1	75.0	53.9
01:45 AM - 01:50 AM	61.1	76.3	54.4
01:50 AM - 01:55 AM	58.3	75.0	53.6
01:55 AM - 02:00 AM	63.6	75.7	54.3
02:00 AM - 02:05 AM	60.0	74.4	53.2
02:05 AM - 02:10 AM	59.2	73.3	53.2
02:10 AM - 02:15 AM	66.4	76.9	54.0
02:15 AM - 02:20 AM	59.9	70.5	53.7
02:20 AM - 02:25 AM	59.4	69.2	53.4
02:25 AM - 02:30 AM	57.2	71.8	53.5
02:30 AM - 02:35 AM	55.2	72.1	53.3
02:35 AM - 02:40 AM	54.5	62.7	52.5
02:40 AM - 02:45 AM	54.4	62.5	52.0
02:45 AM - 02:50 AM	54.9	59.6	52.7
02:50 AM - 02:55 AM	54.8	59.7	52.7
02:55 AM - 03:00 AM	55.1	59.8	52.7
03:00 AM - 03:05 AM	54.5	60.3	52.4
03:05 AM - 03:10 AM	55.5	69.2	52.6
03:10 AM - 03:15 AM	55.2	67.5	52.3
03:15 AM - 03:20 AM	54.9	63.5	52.5
03:20 AM - 03:25 AM	56.1	69.1	53.8
03:25 AM - 03:30 AM	55.0	63.4	52.8

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

Lot ID: 2494233
Date Received :Sep 04, 2024
Date Reported :Sep 11, 2024
Report No. : 3107828-1

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Page 3 of 3

Sample No. 2494233-7
Parameter Noise
Location บ้านลำนาบธิตร (จุดข้างฝั่ง) (GPS 47P 0726183, 1617728) (Shut down)
Measurement Date Aug 29 - Aug 30, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 623382

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:30 AM - 03:35 AM	54.4	65.5	52.0
03:35 AM - 03:40 AM	56.7	72.0	54.0
03:40 AM - 03:45 AM	56.2	74.1	53.4
03:45 AM - 03:50 AM	55.3	63.1	53.0
03:50 AM - 03:55 AM	55.3	63.4	52.9
03:55 AM - 04:00 AM	56.6	67.9	53.9
04:00 AM - 04:05 AM	55.9	79.7	52.5
04:05 AM - 04:10 AM	55.6	63.9	52.9
04:10 AM - 04:15 AM	56.0	64.5	53.4
04:15 AM - 04:20 AM	55.4	65.5	53.0
04:20 AM - 04:25 AM	55.1	64.8	52.0
04:25 AM - 04:30 AM	55.6	64.4	53.1
04:30 AM - 04:35 AM	55.5	67.1	53.4
04:35 AM - 04:40 AM	54.8	66.7	52.5
04:40 AM - 04:45 AM	54.6	64.3	52.3
04:45 AM - 04:50 AM	55.7	63.4	53.0
04:50 AM - 04:55 AM	55.9	62.1	53.3
04:55 AM - 05:00 AM	56.2	64.1	53.6
05:00 AM - 05:05 AM	55.0	62.9	52.8
05:05 AM - 05:10 AM	55.6	61.3	53.3
05:10 AM - 05:15 AM	55.8	64.3	53.8
05:15 AM - 05:20 AM	55.8	65.6	53.2
05:20 AM - 05:25 AM	56.5	65.5	53.5
05:25 AM - 05:30 AM	56.5	65.2	53.8
05:30 AM - 05:35 AM	57.4	64.8	55.0
05:35 AM - 05:40 AM	57.0	65.9	54.5
05:40 AM - 05:45 AM	57.8	65.1	55.5
05:45 AM - 05:50 AM	57.8	74.2	54.8
05:50 AM - 05:55 AM	57.6	63.8	55.3
05:55 AM - 06:00 AM	58.9	68.0	56.3
06:00 AM - 07:00 AM	58.2	78.7	55.7
07:00 AM - 08:00 AM	57.5	75.4	54.1

Reference Method :

1. In-house method : STM 06-001 based on ISO 1996-1 : 2016
2. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดเสียงจากการประกอบกิจการโรงงาน พ.ศ. 2567

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

Lot ID: 2494233
Date Received :Sep 04, 2024
Date Reported :Sep 11, 2024
Report No. : 3107836-1

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Page 1 of 3

Sample No. 2494233-15
Parameter Noise
Location วัดหินส้ม (จุดข้างฝั่ง) (GPS 47P 0729508, 1622765) (Shut down)
Measurement Date Aug 23 - Aug 24, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 597164

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:00 AM - 09:00 AM	45.4	63.7	40.8
09:00 AM - 10:00 AM	44.3	67.6	39.6
10:00 AM - 11:00 AM	46.0	68.5	41.2
11:00 AM - 12:00 PM	48.2	79.0	38.8
12:00 PM - 01:00 PM	46.5	74.4	35.2
01:00 PM - 02:00 PM	39.3	60.0	36.0
02:00 PM - 03:00 PM	49.7	79.2	36.9
03:00 PM - 04:00 PM	43.7	64.9	39.0
04:00 PM - 05:00 PM	47.7	74.4	38.9
05:00 PM - 06:00 PM	45.5	68.9	40.3
06:00 PM - 07:00 PM	49.1	78.7	42.5
07:00 PM - 08:00 PM	51.5	65.5	50.3
08:00 PM - 09:00 PM	48.4	61.8	47.0
09:00 PM - 10:00 PM	46.9	59.3	45.6
10:00 PM - 10:05 PM	45.9	56.4	44.2
10:05 PM - 10:10 PM	45.0	54.5	43.6
10:10 PM - 10:15 PM	47.6	55.9	44.7
10:15 PM - 10:20 PM	47.3	55.9	45.0
10:20 PM - 10:25 PM	45.4	53.0	44.1
10:25 PM - 10:30 PM	45.8	49.6	44.5
10:30 PM - 10:35 PM	45.7	49.1	44.7
10:35 PM - 10:40 PM	45.8	54.4	44.6
10:40 PM - 10:45 PM	45.2	53.7	44.2
10:45 PM - 10:50 PM	45.1	48.9	43.9
10:50 PM - 10:55 PM	45.2	54.9	43.1
10:55 PM - 11:00 PM	43.3	47.2	42.0
11:00 PM - 11:05 PM	43.3	50.4	41.6
11:05 PM - 11:10 PM	44.7	51.5	42.8
11:10 PM - 11:15 PM	44.8	56.0	42.4
11:15 PM - 11:20 PM	44.5	52.4	41.8
11:20 PM - 11:25 PM	44.9	59.9	41.0
11:25 PM - 11:30 PM	46.6	59.2	42.2
11:30 PM - 11:35 PM	44.4	59.2	41.6
11:35 PM - 11:40 PM	44.7	51.9	42.5
11:40 PM - 11:45 PM	43.6	48.9	42.1
11:45 PM - 11:50 PM	44.6	49.6	43.3
11:50 PM - 11:55 PM	43.7	46.0	42.9
11:55 PM - 12:00 AM	43.9	48.6	42.2
12:00 AM - 12:05 AM	42.5	48.2	40.8
12:05 AM - 12:10 AM	43.8	47.4	42.4

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

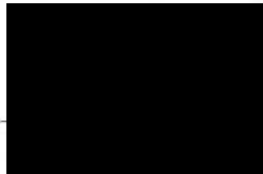
Lot ID: 2494233
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report No. : 3107836-1

Page 2 of 3

Sample No. 2494233-15
Parameter Noise
Location วัดหินลับ (จุดอ้างอิง) (GPS 47P 0729508, 1622765) (Shut down)
Measurement Date Aug 23 - Aug 24, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 597164

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:10 AM - 12:15 AM	43.9	48.4	42.2
12:15 AM - 12:20 AM	45.5	63.1	41.8
12:20 AM - 12:25 AM	49.3	63.5	40.8
12:25 AM - 12:30 AM	42.2	49.1	40.2
12:30 AM - 12:35 AM	41.6	48.5	40.0
12:35 AM - 12:40 AM	41.2	46.4	39.8
12:40 AM - 12:45 AM	41.5	48.1	40.1
12:45 AM - 12:50 AM	42.7	64.6	39.6
12:50 AM - 12:55 AM	41.5	48.6	39.7
12:55 AM - 01:00 AM	41.8	49.4	40.0
01:00 AM - 01:05 AM	46.9	64.1	40.6
01:05 AM - 01:10 AM	42.3	48.5	40.5
01:10 AM - 01:15 AM	42.0	48.2	40.1
01:15 AM - 01:20 AM	42.6	49.6	39.9
01:20 AM - 01:25 AM	42.1	56.8	38.7
01:25 AM - 01:30 AM	45.3	62.4	38.5
01:30 AM - 01:35 AM	41.4	48.0	39.1
01:35 AM - 01:40 AM	40.9	47.9	38.0
01:40 AM - 01:45 AM	43.7	49.1	41.6
01:45 AM - 01:50 AM	44.7	52.4	42.4
01:50 AM - 01:55 AM	44.2	51.8	42.2
01:55 AM - 02:00 AM	44.1	50.1	41.8
02:00 AM - 02:05 AM	43.4	55.5	41.8
02:05 AM - 02:10 AM	42.3	48.4	39.9
02:10 AM - 02:15 AM	41.7	49.9	39.5
02:15 AM - 02:20 AM	42.7	49.1	40.1
02:20 AM - 02:25 AM	44.3	53.0	39.8
02:25 AM - 02:30 AM	42.1	56.3	38.8
02:30 AM - 02:35 AM	42.6	49.3	39.8
02:35 AM - 02:40 AM	43.3	49.0	40.9
02:40 AM - 02:45 AM	43.1	49.6	41.0
02:45 AM - 02:50 AM	43.7	49.2	41.7
02:50 AM - 02:55 AM	44.2	51.9	41.4
02:55 AM - 03:00 AM	42.5	51.8	39.7
03:00 AM - 03:05 AM	41.5	51.8	38.6
03:05 AM - 03:10 AM	41.0	51.8	38.2
03:10 AM - 03:15 AM	40.6	51.2	37.8
03:15 AM - 03:20 AM	40.2	48.9	38.3
03:20 AM - 03:25 AM	41.4	51.0	39.4
03:25 AM - 03:30 AM	42.4	50.8	40.2

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494233
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report No. : 3107836-1

Page 3 of 3

Sample No. 2494233-15
Parameter Noise
Location วัดหินลับ (จุดอ้างอิง) (GPS 47P 0729508, 1622765) (Shut down)
Measurement Date Aug 23 - Aug 24, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 597164

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:30 AM - 03:35 AM	44.8	51.1	42.2
03:35 AM - 03:40 AM	45.1	51.8	42.0
03:40 AM - 03:45 AM	46.8	60.3	42.1
03:45 AM - 03:50 AM	45.1	52.7	41.3
03:50 AM - 03:55 AM	44.4	53.0	41.0
03:55 AM - 04:00 AM	43.9	52.5	41.3
04:00 AM - 04:05 AM	45.0	52.5	41.8
04:05 AM - 04:10 AM	44.0	52.9	39.9
04:10 AM - 04:15 AM	45.2	53.4	40.7
04:15 AM - 04:20 AM	44.6	52.4	39.6
04:20 AM - 04:25 AM	44.8	52.5	39.6
04:25 AM - 04:30 AM	44.6	52.9	39.9
04:30 AM - 04:35 AM	45.4	52.7	39.7
04:35 AM - 04:40 AM	58.4	75.7	42.0
04:40 AM - 04:45 AM	58.6	76.1	42.2
04:45 AM - 04:50 AM	47.4	53.5	42.8
04:50 AM - 04:55 AM	49.3	57.8	43.8
04:55 AM - 05:00 AM	48.5	62.0	42.8
05:00 AM - 05:05 AM	48.7	62.6	44.3
05:05 AM - 05:10 AM	48.3	55.0	44.2
05:10 AM - 05:15 AM	49.7	55.1	44.6
05:15 AM - 05:20 AM	49.9	55.4	45.0
05:20 AM - 05:25 AM	49.9	55.0	44.0
05:25 AM - 05:30 AM	51.1	57.7	45.4
05:30 AM - 05:35 AM	55.4	70.3	46.6
05:35 AM - 05:40 AM	52.8	66.5	46.1
05:40 AM - 05:45 AM	52.2	61.8	48.2
05:45 AM - 05:50 AM	51.7	62.9	47.1
05:50 AM - 05:55 AM	52.1	63.2	47.2
05:55 AM - 06:00 AM	51.0	57.2	47.3
06:00 AM - 07:00 AM	49.1	74.1	44.6
07:00 AM - 08:00 AM	52.0	77.5	44.0

Reference Method :

1. In-house method : STM 06-001 based on ISO 1996-1 : 2016
2. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงจากโรงงาน ระบบเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2567

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

Lot ID: 2494233
Date Received :Sep 04, 2024
Date Reported :Sep 11, 2024
Report No. : 3107837-1

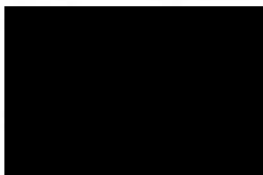
P/O :
Project Name : Saraburi Factory Plant
Project Location :

Page 1 of 3

Sample No. 2494233-16
Parameter Noise
Location วัดพื้นที่ (จุดอ้างอิง) (GPS 47P 0729508, 1622765) (Shut down)
Measurement Date Aug 24 - Aug 25, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 597164

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:00 AM - 09:00 AM	50.3	75.9	42.4
09:00 AM - 10:00 AM	47.1	74.6	40.0
10:00 AM - 11:00 AM	42.9	70.6	38.4
11:00 AM - 12:00 PM	44.9	78.1	39.5
12:00 PM - 01:00 PM	48.2	80.0	38.2
01:00 PM - 02:00 PM	41.8	72.0	38.3
02:00 PM - 03:00 PM	42.3	64.8	38.1
03:00 PM - 04:00 PM	48.7	79.9	40.2
04:00 PM - 05:00 PM	46.7	78.0	40.7
05:00 PM - 06:00 PM	64.3	88.5	41.6
06:00 PM - 07:00 PM	44.7	63.8	42.0
07:00 PM - 08:00 PM	49.8	76.7	47.0
08:00 PM - 09:00 PM	55.5	69.2	53.1
09:00 PM - 10:00 PM	52.9	75.4	50.7
10:00 PM - 10:05 PM	53.0	57.0	49.8
10:05 PM - 10:10 PM	54.4	56.9	53.4
10:10 PM - 10:15 PM	54.0	56.8	51.9
10:15 PM - 10:20 PM	52.6	56.4	50.6
10:20 PM - 10:25 PM	51.8	55.7	50.6
10:25 PM - 10:30 PM	51.6	55.7	50.3
10:30 PM - 10:35 PM	53.3	57.3	51.5
10:35 PM - 10:40 PM	51.9	55.9	48.8
10:40 PM - 10:45 PM	51.9	54.8	49.0
10:45 PM - 10:50 PM	50.4	54.6	46.4
10:50 PM - 10:55 PM	52.1	57.5	48.9
10:55 PM - 11:00 PM	51.6	54.5	48.1
11:00 PM - 11:05 PM	48.6	54.1	47.3
11:05 PM - 11:10 PM	48.3	52.6	47.1
11:10 PM - 11:15 PM	51.2	54.7	47.6
11:15 PM - 11:20 PM	52.0	55.0	48.0
11:20 PM - 11:25 PM	50.9	55.5	47.7
11:25 PM - 11:30 PM	50.5	55.0	46.8
11:30 PM - 11:35 PM	51.1	54.9	45.6
11:35 PM - 11:40 PM	45.4	52.2	43.0
11:40 PM - 11:45 PM	45.9	59.7	43.7
11:45 PM - 11:50 PM	46.3	52.7	44.6
11:50 PM - 11:55 PM	45.1	52.5	43.9
11:55 PM - 12:00 AM	45.3	52.1	43.8
12:00 AM - 12:05 AM	45.6	54.5	43.8
12:05 AM - 12:10 AM	46.5	58.8	42.8

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

Lot ID: 2494233
Date Received :Sep 04, 2024
Date Reported :Sep 11, 2024
Report No. : 3107837-1

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Page 2 of 3

Sample No. 2494233-16
Parameter Noise
Location วัดพื้นที่ (จุดอ้างอิง) (GPS 47P 0729508, 1622765) (Shut down)
Measurement Date Aug 24 - Aug 25, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 597164

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:10 AM - 12:15 AM	49.8	54.8	44.2
12:15 AM - 12:20 AM	49.3	55.1	44.2
12:20 AM - 12:25 AM	50.0	55.6	45.0
12:25 AM - 12:30 AM	44.5	52.9	41.8
12:30 AM - 12:35 AM	45.0	51.5	43.0
12:35 AM - 12:40 AM	44.6	51.8	43.1
12:40 AM - 12:45 AM	44.5	51.8	41.9
12:45 AM - 12:50 AM	44.8	51.8	41.9
12:50 AM - 12:55 AM	45.1	51.8	43.2
12:55 AM - 01:00 AM	45.3	52.3	43.1
01:00 AM - 01:05 AM	45.5	51.8	43.6
01:05 AM - 01:10 AM	45.4	53.2	43.3
01:10 AM - 01:15 AM	44.4	52.4	41.5
01:15 AM - 01:20 AM	44.5	54.8	40.1
01:20 AM - 01:25 AM	43.6	52.9	39.7
01:25 AM - 01:30 AM	42.8	51.4	38.3
01:30 AM - 01:35 AM	44.8	60.3	40.6
01:35 AM - 01:40 AM	44.4	59.1	36.7
01:40 AM - 01:45 AM	42.5	52.8	37.3
01:45 AM - 01:50 AM	46.9	55.2	40.5
01:50 AM - 01:55 AM	48.2	59.1	39.9
01:55 AM - 02:00 AM	44.0	52.9	38.7
02:00 AM - 02:05 AM	43.3	53.1	37.8
02:05 AM - 02:10 AM	41.7	53.3	37.1
02:10 AM - 02:15 AM	47.3	73.2	37.8
02:15 AM - 02:20 AM	44.2	53.9	38.4
02:20 AM - 02:25 AM	45.0	54.0	39.6
02:25 AM - 02:30 AM	44.1	54.3	36.3
02:30 AM - 02:35 AM	44.1	56.2	38.4
02:35 AM - 02:40 AM	44.8	55.0	38.0
02:40 AM - 02:45 AM	41.0	54.3	37.3
02:45 AM - 02:50 AM	44.7	54.9	37.6
02:50 AM - 02:55 AM	44.6	54.8	37.4
02:55 AM - 03:00 AM	45.2	54.6	37.6
03:00 AM - 03:05 AM	44.9	54.9	37.7
03:05 AM - 03:10 AM	44.9	54.4	38.1
03:10 AM - 03:15 AM	45.8	59.4	38.0
03:15 AM - 03:20 AM	44.7	59.7	37.8
03:20 AM - 03:25 AM	47.3	63.2	37.8
03:25 AM - 03:30 AM	44.8	54.6	38.3

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494233
Date Received :Sep 04, 2024
Date Reported :Sep 11, 2024
Report No. : 3107837-1

Page 3 of 3

Sample No. 2494233-16
Parameter Noise
Location วัดหินลิ้น (จุดอ้างอิง) (GPS 47P 0729508, 1622765) (Shut down)
Measurement Date Aug 24 - Aug 25, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 597164

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:30 AM - 03:35 AM	43.9	54.1	38.0
03:35 AM - 03:40 AM	44.9	54.2	38.2
03:40 AM - 03:45 AM	43.4	53.9	37.1
03:45 AM - 03:50 AM	44.4	54.7	37.4
03:50 AM - 03:55 AM	45.1	54.6	38.3
03:55 AM - 04:00 AM	45.1	55.1	38.3
04:00 AM - 04:05 AM	45.2	54.4	38.2
04:05 AM - 04:10 AM	43.0	53.8	37.3
04:10 AM - 04:15 AM	44.6	55.1	37.2
04:15 AM - 04:20 AM	45.3	55.4	37.8
04:20 AM - 04:25 AM	45.2	54.8	37.8
04:25 AM - 04:30 AM	43.8	53.5	36.7
04:30 AM - 04:35 AM	44.1	53.6	36.3
04:35 AM - 04:40 AM	71.6	86.9	37.9
04:40 AM - 04:45 AM	69.4	87.6	36.9
04:45 AM - 04:50 AM	42.8	52.9	37.5
04:50 AM - 04:55 AM	41.9	52.7	37.7
04:55 AM - 05:00 AM	42.4	51.7	37.8
05:00 AM - 05:05 AM	41.2	51.2	37.8
05:05 AM - 05:10 AM	41.3	52.1	38.0
05:10 AM - 05:15 AM	41.7	52.6	38.2
05:15 AM - 05:20 AM	43.9	60.8	38.0
05:20 AM - 05:25 AM	41.4	49.8	38.8
05:25 AM - 05:30 AM	45.2	55.1	39.3
05:30 AM - 05:35 AM	43.0	51.2	40.0
05:35 AM - 05:40 AM	43.8	53.0	40.3
05:40 AM - 05:45 AM	43.6	54.3	40.3
05:45 AM - 05:50 AM	49.0	64.0	41.4
05:50 AM - 05:55 AM	46.9	60.7	41.9
05:55 AM - 06:00 AM	46.3	62.9	42.7
06:00 AM - 07:00 AM	50.3	74.3	41.7
07:00 AM - 08:00 AM	46.0	67.4	40.1

Reference Method :

1. In-house method : STM 06-001 based on ISO 1996-1 : 2016
2. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงการรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงจุดสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2567

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494233
Date Received :Sep 04, 2024
Date Reported :Sep 11, 2024
Report No. : 3107838-1

Page 1 of 3

Sample No. 2494233-17
Parameter Noise
Location วัดหินลิ้น (จุดอ้างอิง) (GPS 47P 0729508, 1622765) (Shut down)
Measurement Date Aug 25 - Aug 26, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 597164

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:00 AM - 09:00 AM	48.5	77.8	38.5
09:00 AM - 10:00 AM	51.3	78.1	37.8
10:00 AM - 11:00 AM	47.7	77.0	37.1
11:00 AM - 12:00 PM	47.6	76.7	37.9
12:00 PM - 01:00 PM	40.2	58.4	36.4
01:00 PM - 02:00 PM	44.9	73.2	37.0
02:00 PM - 03:00 PM	47.3	74.4	36.5
03:00 PM - 04:00 PM	42.8	61.7	38.4
04:00 PM - 05:00 PM	43.1	64.2	38.1
05:00 PM - 06:00 PM	50.7	76.7	40.0
06:00 PM - 07:00 PM	45.1	75.0	39.5
07:00 PM - 08:00 PM	48.6	66.2	47.4
08:00 PM - 09:00 PM	48.2	59.6	47.0
09:00 PM - 10:00 PM	45.2	62.5	44.0
10:00 PM - 10:05 PM	42.7	54.2	41.8
10:05 PM - 10:10 PM	42.9	53.4	40.8
10:10 PM - 10:15 PM	42.2	46.0	41.3
10:15 PM - 10:20 PM	43.6	55.4	41.2
10:20 PM - 10:25 PM	42.3	48.0	41.4
10:25 PM - 10:30 PM	42.8	49.5	41.8
10:30 PM - 10:35 PM	42.5	48.6	41.5
10:35 PM - 10:40 PM	42.2	44.9	41.3
10:40 PM - 10:45 PM	42.5	46.6	41.2
10:45 PM - 10:50 PM	47.1	52.8	43.6
10:50 PM - 10:55 PM	48.7	54.5	44.2
10:55 PM - 11:00 PM	45.7	50.9	43.9
11:00 PM - 11:05 PM	44.5	49.9	42.7
11:05 PM - 11:10 PM	43.6	49.3	42.2
11:10 PM - 11:15 PM	43.0	47.7	41.2
11:15 PM - 11:20 PM	44.1	51.6	41.4
11:20 PM - 11:25 PM	42.3	49.0	40.9
11:25 PM - 11:30 PM	42.6	52.5	41.3
11:30 PM - 11:35 PM	42.7	46.3	41.2
11:35 PM - 11:40 PM	41.7	45.6	40.4
11:40 PM - 11:45 PM	41.3	48.9	40.1
11:45 PM - 11:50 PM	42.4	47.3	40.6
11:50 PM - 11:55 PM	42.0	49.2	40.6
11:55 PM - 12:00 AM	41.5	48.7	40.3
12:00 AM - 12:05 AM	41.6	47.3	40.2
12:05 AM - 12:10 AM	43.0	47.8	41.2

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh, Saraburi
Thailand 18260

Lot ID: 2494233
Date Received :Sep 04, 2024
Date Reported :Sep 11, 2024
Report No. : 3107838-1

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Page 2 of 3

Sample No. 2494233-17
Parameter Noise
Location วัดพื้นที่ (จุดอ้างอิง) (GPS 47P 0729508, 1622765) (Shut down)
Measurement Date Aug 25 - Aug 26, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 597164

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:10 AM - 12:15 AM	43.2	47.3	41.1
12:15 AM - 12:20 AM	42.5	46.6	41.2
12:20 AM - 12:25 AM	40.8	45.7	39.4
12:25 AM - 12:30 AM	41.2	51.4	39.0
12:30 AM - 12:35 AM	39.9	49.5	38.2
12:35 AM - 12:40 AM	40.3	50.4	38.0
12:40 AM - 12:45 AM	40.0	44.5	38.6
12:45 AM - 12:50 AM	40.6	48.6	38.3
12:50 AM - 12:55 AM	42.5	57.8	39.9
12:55 AM - 01:00 AM	44.0	52.3	40.7
01:00 AM - 01:05 AM	43.2	52.5	40.1
01:05 AM - 01:10 AM	43.5	53.2	39.7
01:10 AM - 01:15 AM	42.6	51.9	39.4
01:15 AM - 01:20 AM	42.1	51.5	39.2
01:20 AM - 01:25 AM	43.6	51.9	41.0
01:25 AM - 01:30 AM	43.6	51.8	40.7
01:30 AM - 01:35 AM	44.5	53.1	40.5
01:35 AM - 01:40 AM	47.4	53.5	45.1
01:40 AM - 01:45 AM	45.6	52.9	43.0
01:45 AM - 01:50 AM	44.2	57.4	42.7
01:50 AM - 01:55 AM	43.4	48.0	41.8
01:55 AM - 02:00 AM	42.4	48.2	41.0
02:00 AM - 02:05 AM	45.7	54.6	40.0
02:05 AM - 02:10 AM	42.1	51.4	40.4
02:10 AM - 02:15 AM	42.5	45.9	40.9
02:15 AM - 02:20 AM	43.6	48.0	42.2
02:20 AM - 02:25 AM	43.8	48.1	42.4
02:25 AM - 02:30 AM	42.0	45.9	40.8
02:30 AM - 02:35 AM	41.2	45.8	39.7
02:35 AM - 02:40 AM	44.1	57.5	40.8
02:40 AM - 02:45 AM	43.6	57.4	41.4
02:45 AM - 02:50 AM	45.2	52.7	43.3
02:50 AM - 02:55 AM	44.6	50.0	43.2
02:55 AM - 03:00 AM	44.3	55.8	42.1
03:00 AM - 03:05 AM	43.5	50.2	41.8
03:05 AM - 03:10 AM	43.5	51.2	41.8
03:10 AM - 03:15 AM	42.4	47.2	40.9
03:15 AM - 03:20 AM	42.8	47.8	41.5
03:20 AM - 03:25 AM	44.3	56.6	42.2
03:25 AM - 03:30 AM	47.8	67.1	41.5

Approved by

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh, Saraburi
Thailand 18260

Lot ID: 2494233
Date Received :Sep 04, 2024
Date Reported :Sep 11, 2024
Report No. : 3107838-1

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Page 3 of 3

Sample No. 2494233-17
Parameter Noise
Location วัดพื้นที่ (จุดอ้างอิง) (GPS 47P 0729508, 1622765) (Shut down)
Measurement Date Aug 25 - Aug 26, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 597164

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:30 AM - 03:35 AM	44.2	64.8	42.0
03:35 AM - 03:40 AM	44.2	47.8	42.0
03:40 AM - 03:45 AM	44.5	48.3	42.4
03:45 AM - 03:50 AM	45.5	50.7	43.2
03:50 AM - 03:55 AM	38.2	58.7	44.7
03:55 AM - 04:00 AM	42.5	48.1	40.3
04:00 AM - 04:05 AM	38.6	46.1	38.9
04:05 AM - 04:10 AM	45.3	60.2	39.7
04:10 AM - 04:15 AM	39.9	54.7	41.9
04:15 AM - 04:20 AM	44.2	48.5	42.5
04:20 AM - 04:25 AM	44.1	48.3	42.2
04:25 AM - 04:30 AM	41.8	46.8	40.1
04:30 AM - 04:35 AM	42.2	47.7	40.1
04:35 AM - 04:40 AM	72.1	85.5	42.0
04:40 AM - 04:45 AM	44.3	53.1	41.5
04:45 AM - 04:50 AM	42.2	47.8	40.4
04:50 AM - 04:55 AM	42.4	46.9	41.0
04:55 AM - 05:00 AM	43.9	51.4	42.0
05:00 AM - 05:05 AM	44.3	53.6	42.2
05:05 AM - 05:10 AM	43.7	54.4	41.0
05:10 AM - 05:15 AM	44.0	54.9	41.3
05:15 AM - 05:20 AM	43.6	50.4	41.9
05:20 AM - 05:25 AM	44.5	51.0	42.7
05:25 AM - 05:30 AM	45.5	54.6	43.0
05:30 AM - 05:35 AM	54.9	68.8	43.5
05:35 AM - 05:40 AM	52.6	69.1	43.0
05:40 AM - 05:45 AM	43.7	51.4	41.2
05:45 AM - 05:50 AM	42.0	49.5	40.5
05:50 AM - 05:55 AM	51.6	71.3	42.1
05:55 AM - 06:00 AM	42.5	55.2	39.2
06:00 AM - 07:00 AM	47.4	77.9	41.4
07:00 AM - 08:00 AM	46.3	69.1	41.8

Reference Method :

1. In-house method : STM 06-001 based on ISO 1996-1 : 2016
2. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงการรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2567

Approved by

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494233
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report No. : 3107839-1

Page 1 of 3

Sample No. 2494233-18
Parameter Noise
Location วัดหินปูน (จุดอ้างอิง) (GPS 47P 0729508, 1622765) (Shut down)
Measurement Date Aug 26 - Aug 27, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 597164

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:00 AM - 09:00 AM	45.9	65.6	39.4
09:00 AM - 10:00 AM	51.6	78.4	40.4
10:00 AM - 11:00 AM	44.2	69.7	37.0
11:00 AM - 12:00 PM	44.0	77.8	37.8
12:00 PM - 01:00 PM	43.2	71.4	37.8
01:00 PM - 02:00 PM	43.2	69.7	39.4
02:00 PM - 03:00 PM	42.8	70.4	38.6
03:00 PM - 04:00 PM	44.4	73.7	37.4
04:00 PM - 05:00 PM	47.9	77.9	37.9
05:00 PM - 06:00 PM	63.3	88.4	39.7
06:00 PM - 07:00 PM	49.1	76.1	41.2
07:00 PM - 08:00 PM	49.4	76.7	47.2
08:00 PM - 09:00 PM	47.3	59.7	44.5
09:00 PM - 10:00 PM	46.6	61.1	44.4
10:00 PM - 10:05 PM	45.8	52.5	43.2
10:05 PM - 10:10 PM	43.5	53.9	41.6
10:10 PM - 10:15 PM	44.6	50.6	42.7
10:15 PM - 10:20 PM	44.5	53.3	43.3
10:20 PM - 10:25 PM	43.4	50.6	42.3
10:25 PM - 10:30 PM	44.1	56.3	42.4
10:30 PM - 10:35 PM	44.3	56.7	42.4
10:35 PM - 10:40 PM	46.6	57.0	43.5
10:40 PM - 10:45 PM	45.0	56.8	42.0
10:45 PM - 10:50 PM	45.5	56.8	42.9
10:50 PM - 10:55 PM	46.0	58.1	43.1
10:55 PM - 11:00 PM	48.6	58.9	44.6
11:00 PM - 11:05 PM	47.2	57.3	43.8
11:05 PM - 11:10 PM	45.0	57.0	42.8
11:10 PM - 11:15 PM	45.7	57.2	43.4
11:15 PM - 11:20 PM	45.7	57.2	42.0
11:20 PM - 11:25 PM	45.5	57.3	42.1
11:25 PM - 11:30 PM	43.8	54.5	41.9
11:30 PM - 11:35 PM	43.9	54.7	41.4
11:35 PM - 11:40 PM	44.1	54.6	41.4
11:40 PM - 11:45 PM	44.7	54.8	42.6
11:45 PM - 11:50 PM	44.6	56.1	42.0
11:50 PM - 11:55 PM	44.0	53.9	41.3
11:55 PM - 12:00 AM	45.1	54.1	42.0
12:00 AM - 12:05 AM	44.5	54.1	41.3
12:05 AM - 12:10 AM	44.1	56.2	41.6

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Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494233
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report No. : 3107839-1

Page 2 of 3

Sample No. 2494233-18
Parameter Noise
Location วัดหินปูน (จุดอ้างอิง) (GPS 47P 0729508, 1622765) (Shut down)
Measurement Date Aug 26 - Aug 27, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 597164

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:10 AM - 12:15 AM	43.5	57.0	41.3
12:15 AM - 12:20 AM	44.2	57.2	41.9
12:20 AM - 12:25 AM	44.0	56.7	41.3
12:25 AM - 12:30 AM	44.4	57.7	41.5
12:30 AM - 12:35 AM	44.6	56.9	41.4
12:35 AM - 12:40 AM	44.8	57.2	41.8
12:40 AM - 12:45 AM	44.6	59.5	41.4
12:45 AM - 12:50 AM	44.0	56.9	40.7
12:50 AM - 12:55 AM	44.6	56.9	41.0
12:55 AM - 01:00 AM	44.3	56.5	41.9
01:00 AM - 01:05 AM	44.0	54.0	41.8
01:05 AM - 01:10 AM	43.3	49.6	41.1
01:10 AM - 01:15 AM	42.6	48.0	40.9
01:15 AM - 01:20 AM	43.2	47.4	41.7
01:20 AM - 01:25 AM	42.1	45.8	41.0
01:25 AM - 01:30 AM	41.5	46.5	40.0
01:30 AM - 01:35 AM	44.2	51.6	41.8
01:35 AM - 01:40 AM	43.3	50.9	41.0
01:40 AM - 01:45 AM	44.7	52.3	42.5
01:45 AM - 01:50 AM	44.5	60.2	41.6
01:50 AM - 01:55 AM	48.2	72.5	42.7
01:55 AM - 02:00 AM	47.0	60.6	43.3
02:00 AM - 02:05 AM	42.7	50.5	40.6
02:05 AM - 02:10 AM	43.5	50.9	41.2
02:10 AM - 02:15 AM	43.1	50.5	40.9
02:15 AM - 02:20 AM	45.6	52.6	42.2
02:20 AM - 02:25 AM	45.0	52.4	42.7
02:25 AM - 02:30 AM	45.1	51.7	42.7
02:30 AM - 02:35 AM	44.8	51.2	41.8
02:35 AM - 02:40 AM	45.2	54.9	42.2
02:40 AM - 02:45 AM	45.5	52.5	42.2
02:45 AM - 02:50 AM	45.4	53.4	42.9
02:50 AM - 02:55 AM	44.0	53.8	41.5
02:55 AM - 03:00 AM	42.0	51.6	39.6
03:00 AM - 03:05 AM	41.5	55.3	38.5
03:05 AM - 03:10 AM	43.1	54.1	40.0
03:10 AM - 03:15 AM	41.2	52.5	38.4
03:15 AM - 03:20 AM	42.6	52.6	38.9
03:20 AM - 03:25 AM	42.7	52.8	39.6
03:25 AM - 03:30 AM	41.9	52.6	37.2

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

Lot ID: 2494233
Date Received :Sep 04, 2024
Date Reported :Sep 11, 2024
Report No. : 3107839-1

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Page 3 of 3

Sample No. 2494233-18
Parameter Noise
Location วัดถนนเส้น (จุดข้างฝั่ง) (GPS 47P 0729508, 1622765) (Shut down)
Measurement Date Aug 26 - Aug 27, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 597164

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:30 AM - 03:35 AM	40.7	53.7	37.3
03:35 AM - 03:40 AM	42.6	54.1	38.1
03:40 AM - 03:45 AM	42.6	53.8	38.3
03:45 AM - 03:50 AM	43.5	54.3	39.3
03:50 AM - 03:55 AM	44.5	58.5	39.7
03:55 AM - 04:00 AM	44.2	53.8	39.7
04:00 AM - 04:05 AM	47.2	62.2	42.0
04:05 AM - 04:10 AM	44.5	55.6	40.3
04:10 AM - 04:15 AM	45.0	54.0	41.6
04:15 AM - 04:20 AM	43.7	54.2	40.8
04:20 AM - 04:25 AM	43.8	52.9	41.5
04:25 AM - 04:30 AM	43.4	52.6	40.4
04:30 AM - 04:35 AM	42.7	52.9	39.6
04:35 AM - 04:40 AM	70.8	86.1	42.0
04:40 AM - 04:45 AM	50.9	81.3	39.6
04:45 AM - 04:50 AM	42.5	52.7	39.8
04:50 AM - 04:55 AM	43.3	52.6	39.1
04:55 AM - 05:00 AM	44.2	53.6	40.2
05:00 AM - 05:05 AM	43.1	53.5	40.4
05:05 AM - 05:10 AM	42.4	55.3	40.1
05:10 AM - 05:15 AM	42.8	52.5	40.2
05:15 AM - 05:20 AM	42.6	57.3	38.9
05:20 AM - 05:25 AM	43.1	57.6	39.9
05:25 AM - 05:30 AM	41.3	46.2	39.7
05:30 AM - 05:35 AM	44.7	53.9	42.1
05:35 AM - 05:40 AM	47.2	59.2	43.3
05:40 AM - 05:45 AM	45.3	53.8	42.8
05:45 AM - 05:50 AM	45.9	55.2	43.0
05:50 AM - 05:55 AM	49.9	65.7	43.0
05:55 AM - 06:00 AM	48.3	56.3	45.3
06:00 AM - 07:00 AM	52.0	66.5	47.2
07:00 AM - 08:00 AM	51.3	72.6	44.8

Reference Method :

1. In-house method : STM 06-001 based on ISO 1996-1 : 2016
2. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงการรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2567

Approved by

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

Lot ID: 2494233
Date Received :Sep 04, 2024
Date Reported :Sep 11, 2024
Report No. : 3107840-1

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Page 1 of 3

Sample No. 2494233-19
Parameter Noise
Location วัดถนนเส้น (จุดข้างฝั่ง) (GPS 47P 0729508, 1622765) (Shut down)
Measurement Date Aug 27 - Aug 28, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 597164

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:00 AM - 09:00 AM	46.7	67.1	42.6
09:00 AM - 10:00 AM	47.1	63.1	42.8
10:00 AM - 11:00 AM	46.9	70.1	39.6
11:00 AM - 12:00 PM	47.2	78.1	39.6
12:00 PM - 01:00 PM	43.3	55.9	39.1
01:00 PM - 02:00 PM	43.3	64.3	40.1
02:00 PM - 03:00 PM	45.2	71.3	39.4
03:00 PM - 04:00 PM	45.3	65.0	40.6
04:00 PM - 05:00 PM	43.0	69.0	39.1
05:00 PM - 06:00 PM	45.9	64.4	42.3
06:00 PM - 07:00 PM	46.5	70.3	42.3
07:00 PM - 08:00 PM	49.6	63.7	47.8
08:00 PM - 09:00 PM	47.4	65.2	45.6
09:00 PM - 10:00 PM	46.5	59.2	43.8
10:00 PM - 10:05 PM	47.0	52.6	45.0
10:05 PM - 10:10 PM	46.0	50.7	44.1
10:10 PM - 10:15 PM	44.8	51.6	43.2
10:15 PM - 10:20 PM	44.8	49.3	43.8
10:20 PM - 10:25 PM	44.4	48.3	43.1
10:25 PM - 10:30 PM	44.3	48.6	43.1
10:30 PM - 10:35 PM	45.3	49.6	44.0
10:35 PM - 10:40 PM	43.8	50.5	42.6
10:40 PM - 10:45 PM	43.8	49.1	42.6
10:45 PM - 10:50 PM	43.1	51.4	41.1
10:50 PM - 10:55 PM	44.9	58.0	41.7
10:55 PM - 11:00 PM	43.9	49.0	42.8
11:00 PM - 11:05 PM	43.9	52.7	42.8
11:05 PM - 11:10 PM	43.6	52.4	42.8
11:10 PM - 11:15 PM	44.3	52.6	42.9
11:15 PM - 11:20 PM	43.9	52.4	42.7
11:20 PM - 11:25 PM	43.8	52.4	42.0
11:25 PM - 11:30 PM	44.2	52.1	42.7
11:30 PM - 11:35 PM	44.0	48.1	42.4
11:35 PM - 11:40 PM	43.4	47.9	41.9
11:40 PM - 11:45 PM	42.5	46.2	41.4
11:45 PM - 11:50 PM	43.1	46.2	42.1
11:50 PM - 11:55 PM	43.4	47.4	42.1
11:55 PM - 12:00 AM	43.7	47.8	42.5
12:00 AM - 12:05 AM	43.6	47.0	41.9
12:05 AM - 12:10 AM	43.6	51.3	42.0

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

Lot ID: 2494233
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report No. : 3107840-1

P/O :
Project Name : Saraburi Factory Plant
Project Location :

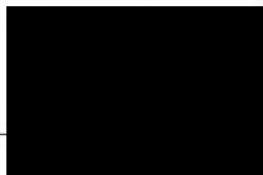
Page 2 of 3

Sample No. 2494233-19
Parameter Noise
Location วัดนันท (จุดอ้างอิง) (GPS 47P 0729508, 1622765) (Shut down)
Measurement Date Aug 27 - Aug 28, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 597164

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:10 AM - 12:15 AM	43.5	49.2	42.1
12:15 AM - 12:20 AM	44.6	51.8	43.1
12:20 AM - 12:25 AM	46.4	52.4	43.9
12:25 AM - 12:30 AM	47.1	55.7	43.7
12:30 AM - 12:35 AM	45.7	49.9	43.9
12:35 AM - 12:40 AM	47.2	55.6	43.7
12:40 AM - 12:45 AM	45.8	51.5	43.7
12:45 AM - 12:50 AM	45.6	52.7	43.3
12:50 AM - 12:55 AM	44.0	52.6	41.3
12:55 AM - 01:00 AM	43.8	54.4	40.4
01:00 AM - 01:05 AM	47.3	55.3	41.4
01:05 AM - 01:10 AM	55.5	63.0	49.7
01:10 AM - 01:15 AM	57.1	66.3	49.2
01:15 AM - 01:20 AM	51.4	57.8	47.1
01:20 AM - 01:25 AM	46.9	55.1	43.8
01:25 AM - 01:30 AM	46.0	53.0	39.5
01:30 AM - 01:35 AM	41.0	45.9	38.1
01:35 AM - 01:40 AM	40.1	45.0	37.8
01:40 AM - 01:45 AM	42.9	62.0	42.9
01:45 AM - 01:50 AM	41.3	46.7	39.3
01:50 AM - 01:55 AM	47.5	72.5	40.9
01:55 AM - 02:00 AM	41.8	49.9	39.4
02:00 AM - 02:05 AM	42.8	48.5	40.5
02:05 AM - 02:10 AM	44.5	49.4	41.4
02:10 AM - 02:15 AM	44.1	55.3	41.2
02:15 AM - 02:20 AM	43.2	49.6	41.3
02:20 AM - 02:25 AM	43.1	49.9	39.2
02:25 AM - 02:30 AM	41.5	48.4	39.2
02:30 AM - 02:35 AM	41.5	51.4	39.7
02:35 AM - 02:40 AM	42.6	51.9	40.0
02:40 AM - 02:45 AM	42.3	51.8	39.6
02:45 AM - 02:50 AM	41.8	52.0	38.3
02:50 AM - 02:55 AM	41.2	52.1	38.2
02:55 AM - 03:00 AM	42.9	56.9	38.0
03:00 AM - 03:05 AM	42.8	53.3	39.9
03:05 AM - 03:10 AM	45.7	53.3	43.5
03:10 AM - 03:15 AM	44.2	53.1	41.3
03:15 AM - 03:20 AM	43.7	53.2	41.0
03:20 AM - 03:25 AM	45.8	53.9	42.9
03:25 AM - 03:30 AM	46.5	54.3	44.1

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

Lot ID: 2494233
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report No. : 3107840-1

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Page 3 of 3

Sample No. 2494233-19
Parameter Noise
Location วัดนันท (จุดอ้างอิง) (GPS 47P 0729508, 1622765) (Shut down)
Measurement Date Aug 27 - Aug 28, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 597164

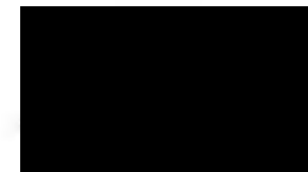
Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:30 AM - 03:35 AM	46.8	53.8	44.1
03:35 AM - 03:40 AM	44.9	53.5	42.2
03:40 AM - 03:45 AM	47.9	54.7	44.8
03:45 AM - 03:50 AM	46.2	54.1	43.6
03:50 AM - 03:55 AM	46.4	54.1	43.6
03:55 AM - 04:00 AM	42.2	57.4	39.6
04:00 AM - 04:05 AM	42.6	47.4	40.9
04:05 AM - 04:10 AM	42.4	54.4	40.5
04:10 AM - 04:15 AM	41.7	46.7	39.9
04:15 AM - 04:20 AM	42.0	47.9	40.0
04:20 AM - 04:25 AM	41.8	48.7	39.6
04:25 AM - 04:30 AM	43.1	54.6	39.7
04:30 AM - 04:35 AM	43.4	47.4	42.0
04:35 AM - 04:40 AM	72.5	87.5	42.8
04:40 AM - 04:45 AM	40.9	51.3	39.3
04:45 AM - 04:50 AM	40.7	49.3	38.1
04:50 AM - 04:55 AM	41.3	50.1	38.0
04:55 AM - 05:00 AM	41.5	49.7	38.0
05:00 AM - 05:05 AM	42.2	49.6	39.6
05:05 AM - 05:10 AM	41.1	49.4	38.3
05:10 AM - 05:15 AM	42.0	50.0	39.9
05:15 AM - 05:20 AM	43.9	49.8	41.6
05:20 AM - 05:25 AM	42.8	50.2	40.6
05:25 AM - 05:30 AM	42.4	49.5	40.2
05:30 AM - 05:35 AM	46.1	62.8	41.6
05:35 AM - 05:40 AM	44.5	59.2	41.8
05:40 AM - 05:45 AM	47.4	64.6	42.3
05:45 AM - 05:50 AM	50.0	69.3	43.2
05:50 AM - 05:55 AM	47.4	56.6	44.5
05:55 AM - 06:00 AM	46.4	51.5	44.2
06:00 AM - 07:00 AM	46.8	63.9	43.0
07:00 AM - 08:00 AM	49.4	75.6	42.1

Reference Method :

- In-house method : STM 06-001 based on ISO 1996-1 : 2016
- ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงการรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2567

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494233
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report No. : 3107841-1

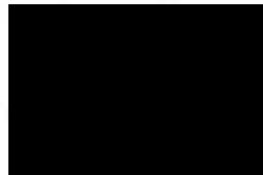
Page 1 of 3

Sample No. 2494233-20
Parameter Noise
Location วัดพื้นดิน (จุดอ้างอิง) (GPS 47P 0729508, 1622765) (Shut down)
Measurement Date Aug 28 - Aug 29, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 597164

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:00 AM - 09:00 AM	48.6	77.4	39.7
09:00 AM - 10:00 AM	41.7	69.4	37.3
10:00 AM - 11:00 AM	43.4	71.8	38.2
11:00 AM - 12:00 PM	44.9	78.1	37.7
12:00 PM - 01:00 PM	44.1	69.2	36.7
01:00 PM - 02:00 PM	44.8	74.1	37.4
02:00 PM - 03:00 PM	48.5	76.8	38.7
03:00 PM - 04:00 PM	49.6	75.8	38.0
04:00 PM - 05:00 PM	43.6	64.3	39.5
05:00 PM - 06:00 PM	50.2	78.4	41.9
06:00 PM - 07:00 PM	45.8	66.2	42.5
07:00 PM - 08:00 PM	49.0	60.3	46.9
08:00 PM - 09:00 PM	48.7	57.2	47.3
09:00 PM - 10:00 PM	47.7	59.7	46.6
10:00 PM - 10:05 PM	47.1	50.5	45.8
10:05 PM - 10:10 PM	46.9	51.6	45.9
10:10 PM - 10:15 PM	46.8	57.3	44.8
10:15 PM - 10:20 PM	47.4	52.0	45.8
10:20 PM - 10:25 PM	47.8	53.0	45.0
10:25 PM - 10:30 PM	45.7	51.4	42.3
10:30 PM - 10:35 PM	44.9	49.9	41.6
10:35 PM - 10:40 PM	43.2	49.3	40.5
10:40 PM - 10:45 PM	43.6	55.7	42.0
10:45 PM - 10:50 PM	44.1	47.4	42.2
10:50 PM - 10:55 PM	45.2	49.3	43.9
10:55 PM - 11:00 PM	46.5	52.5	44.5
11:00 PM - 11:05 PM	46.4	50.0	45.5
11:05 PM - 11:10 PM	47.9	60.2	45.8
11:10 PM - 11:15 PM	46.6	48.9	45.7
11:15 PM - 11:20 PM	46.6	49.1	44.9
11:20 PM - 11:25 PM	46.3	48.6	45.4
11:25 PM - 11:30 PM	46.6	49.3	45.5
11:30 PM - 11:35 PM	46.5	48.8	45.7
11:35 PM - 11:40 PM	46.4	49.0	45.4
11:40 PM - 11:45 PM	45.7	48.5	44.6
11:45 PM - 11:50 PM	45.6	48.5	44.7
11:50 PM - 11:55 PM	45.7	48.0	44.8
11:55 PM - 12:00 AM	46.3	49.2	43.6
12:00 AM - 12:05 AM	42.5	47.3	40.0
12:05 AM - 12:10 AM	42.2	53.2	40.4

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494233
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report No. : 3107841-1

Page 2 of 3

Sample No. 2494233-20
Parameter Noise
Location วัดพื้นดิน (จุดอ้างอิง) (GPS 47P 0729508, 1622765) (Shut down)
Measurement Date Aug 28 - Aug 29, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 597164

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:10 AM - 12:15 AM	42.4	47.8	40.3
12:15 AM - 12:20 AM	42.1	48.3	39.9
12:20 AM - 12:25 AM	42.0	48.9	39.5
12:25 AM - 12:30 AM	42.2	48.4	38.6
12:30 AM - 12:35 AM	42.9	47.9	39.6
12:35 AM - 12:40 AM	43.9	48.7	41.6
12:40 AM - 12:45 AM	47.3	61.9	43.2
12:45 AM - 12:50 AM	45.2	58.1	43.1
12:50 AM - 12:55 AM	47.7	55.8	44.5
12:55 AM - 01:00 AM	54.0	63.3	49.1
01:00 AM - 01:05 AM	48.3	55.6	44.7
01:05 AM - 01:10 AM	48.3	57.1	44.2
01:10 AM - 01:15 AM	48.0	58.5	44.7
01:15 AM - 01:20 AM	49.5	59.1	45.8
01:20 AM - 01:25 AM	46.7	52.2	44.9
01:25 AM - 01:30 AM	46.1	52.6	42.1
01:30 AM - 01:35 AM	42.1	46.6	41.0
01:35 AM - 01:40 AM	42.0	46.0	40.6
01:40 AM - 01:45 AM	43.4	46.7	42.3
01:45 AM - 01:50 AM	43.9	47.9	42.8
01:50 AM - 01:55 AM	43.6	61.6	41.8
01:55 AM - 02:00 AM	42.1	46.6	40.8
02:00 AM - 02:05 AM	41.6	45.5	40.3
02:05 AM - 02:10 AM	40.0	45.6	38.6
02:10 AM - 02:15 AM	39.8	44.8	38.5
02:15 AM - 02:20 AM	40.2	48.5	38.5
02:20 AM - 02:25 AM	41.2	50.9	38.1
02:25 AM - 02:30 AM	42.6	49.2	39.6
02:30 AM - 02:35 AM	41.4	46.9	39.5
02:35 AM - 02:40 AM	40.9	46.3	39.2
02:40 AM - 02:45 AM	40.4	47.5	38.2
02:45 AM - 02:50 AM	41.3	47.9	39.3
02:50 AM - 02:55 AM	40.4	49.7	38.3
02:55 AM - 03:00 AM	41.1	49.9	38.6
03:00 AM - 03:05 AM	40.4	49.4	38.1
03:05 AM - 03:10 AM	40.6	46.0	38.5
03:10 AM - 03:15 AM	41.9	48.6	38.8
03:15 AM - 03:20 AM	40.9	46.4	37.8
03:20 AM - 03:25 AM	41.8	49.4	38.8
03:25 AM - 03:30 AM	48.5	57.6	38.4

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

Lot ID: 2494233
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report No. : 3107841-1

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Page 3 of 3

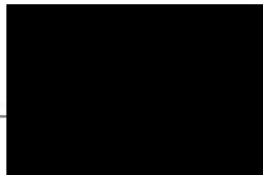
Sample No. 2494233-20
Parameter Noise
Location วัดหินคัน (จุดข้างถัง) (GPS 47P 0729508, 1622765) (Shut down)
Measurement Date Aug 28 - Aug 29, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 597164

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:30 AM - 03:35 AM	43.4	57.8	38.8
03:35 AM - 03:40 AM	41.8	53.4	39.2
03:40 AM - 03:45 AM	43.1	55.5	39.6
03:45 AM - 03:50 AM	42.3	54.2	38.6
03:50 AM - 03:55 AM	44.0	54.8	38.4
03:55 AM - 04:00 AM	46.6	61.3	39.5
04:00 AM - 04:05 AM	43.1	55.6	39.0
04:05 AM - 04:10 AM	44.9	55.7	38.8
04:10 AM - 04:15 AM	44.9	56.1	38.2
04:15 AM - 04:20 AM	45.6	58.1	38.9
04:20 AM - 04:25 AM	47.2	58.4	39.5
04:25 AM - 04:30 AM	47.8	58.5	40.0
04:30 AM - 04:35 AM	48.1	58.5	39.9
04:35 AM - 04:40 AM	70.7	86.0	41.8
04:40 AM - 04:45 AM	66.2	84.8	39.8
04:45 AM - 04:50 AM	47.7	56.9	39.4
04:50 AM - 04:55 AM	48.0	57.0	39.5
04:55 AM - 05:00 AM	47.0	56.3	40.1
05:00 AM - 05:05 AM	48.3	56.4	40.0
05:05 AM - 05:10 AM	49.3	56.6	40.6
05:10 AM - 05:15 AM	50.6	62.5	41.4
05:15 AM - 05:20 AM	50.9	65.0	41.1
05:20 AM - 05:25 AM	49.8	56.3	41.2
05:25 AM - 05:30 AM	50.3	56.6	42.0
05:30 AM - 05:35 AM	51.7	58.2	44.4
05:35 AM - 05:40 AM	51.7	56.5	44.1
05:40 AM - 05:45 AM	52.0	56.4	45.0
05:45 AM - 05:50 AM	52.4	56.7	44.8
05:50 AM - 05:55 AM	51.2	57.3	44.8
05:55 AM - 06:00 AM	51.0	57.1	44.7
06:00 AM - 07:00 AM	47.2	61.5	42.7
07:00 AM - 08:00 AM	46.7	66.3	41.8

Reference Method :

1. In-house method : STM 05-001 based on ISO 1996-1 : 2016
2. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงการรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2567

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

Lot ID: 2494233
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report No. : 3107842-1

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Page 1 of 3

Sample No. 2494233-21
Parameter Noise
Location วัดหินคัน (จุดข้างถัง) (GPS 47P 0729508, 1622765) (Shut down)
Measurement Date Aug 29 - Aug 30, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 597164

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:00 AM - 09:00 AM	48.6	73.0	41.8
09:00 AM - 10:00 AM	48.3	70.8	43.6
10:00 AM - 11:00 AM	47.2	61.6	43.8
11:00 AM - 12:00 PM	47.3	69.1	42.3
12:00 PM - 01:00 PM	46.1	76.9	40.0
01:00 PM - 02:00 PM	49.1	74.5	41.4
02:00 PM - 03:00 PM	51.7	79.3	47.5
03:00 PM - 04:00 PM	47.6	71.7	43.2
04:00 PM - 05:00 PM	50.6	77.9	41.6
05:00 PM - 06:00 PM	46.4	68.1	41.5
06:00 PM - 07:00 PM	53.6	80.6	42.5
07:00 PM - 08:00 PM	57.7	84.0	48.6
08:00 PM - 09:00 PM	46.8	56.6	45.3
09:00 PM - 10:00 PM	43.4	59.9	41.4
10:00 PM - 10:05 PM	44.2	55.0	42.1
10:05 PM - 10:10 PM	43.7	52.4	42.2
10:10 PM - 10:15 PM	43.8	52.3	42.0
10:15 PM - 10:20 PM	43.8	52.2	41.8
10:20 PM - 10:25 PM	44.3	49.1	43.0
10:25 PM - 10:30 PM	44.1	51.8	42.7
10:30 PM - 10:35 PM	45.4	56.3	42.8
10:35 PM - 10:40 PM	43.8	63.5	41.9
10:40 PM - 10:45 PM	43.5	49.9	42.2
10:45 PM - 10:50 PM	43.6	50.2	42.2
10:50 PM - 10:55 PM	44.8	50.4	43.2
10:55 PM - 11:00 PM	44.7	51.8	43.3
11:00 PM - 11:05 PM	45.5	51.1	43.9
11:05 PM - 11:10 PM	45.8	52.4	44.3
11:10 PM - 11:15 PM	44.5	52.4	43.3
11:15 PM - 11:20 PM	44.6	54.8	42.5
11:20 PM - 11:25 PM	44.3	55.0	41.4
11:25 PM - 11:30 PM	44.1	55.1	41.2
11:30 PM - 11:35 PM	44.0	54.7	41.0
11:35 PM - 11:40 PM	44.7	50.9	41.6
11:40 PM - 11:45 PM	42.5	50.4	40.8
11:45 PM - 11:50 PM	42.3	50.4	40.6
11:50 PM - 11:55 PM	42.6	50.4	40.9
11:55 PM - 12:00 AM	43.6	51.3	41.1
12:00 AM - 12:05 AM	43.9	55.5	41.7
12:05 AM - 12:10 AM	43.1	50.5	41.1

Approved by



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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

Lot ID: 2494233
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report No. : 3107842-1

P/O :
Project Name : Saraburi Factory Plant
Project Location :

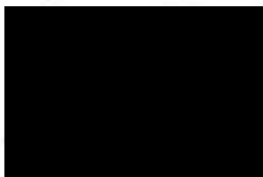
Page 2 of 3

Sample No. 2494233-21
Parameter Noise
Location วัดพื้นชั้น (จุดอ้างอิง) (GPS 47P 0729508, 1622765) (Shut down)
Measurement Date Aug 29 - Aug 30, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 597164

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:10 AM - 12:15 AM	41.8	50.1	40.2
12:15 AM - 12:20 AM	43.2	50.5	41.7
12:20 AM - 12:25 AM	43.5	52.2	41.9
12:25 AM - 12:30 AM	43.7	50.1	42.5
12:30 AM - 12:35 AM	44.5	51.4	42.7
12:35 AM - 12:40 AM	45.5	50.8	42.9
12:40 AM - 12:45 AM	45.7	56.7	44.0
12:45 AM - 12:50 AM	46.0	59.7	43.7
12:50 AM - 12:55 AM	45.2	51.5	43.4
12:55 AM - 01:00 AM	45.6	51.2	43.9
01:00 AM - 01:05 AM	46.4	52.9	44.1
01:05 AM - 01:10 AM	46.6	62.5	45.1
01:10 AM - 01:15 AM	46.5	55.3	44.8
01:15 AM - 01:20 AM	45.8	52.2	44.4
01:20 AM - 01:25 AM	45.5	51.5	44.4
01:25 AM - 01:30 AM	45.4	51.2	44.2
01:30 AM - 01:35 AM	45.5	52.3	43.2
01:35 AM - 01:40 AM	45.9	53.2	44.4
01:40 AM - 01:45 AM	46.2	53.7	44.8
01:45 AM - 01:50 AM	45.3	54.2	43.4
01:50 AM - 01:55 AM	45.6	53.9	43.7
01:55 AM - 02:00 AM	46.0	54.2	44.0
02:00 AM - 02:05 AM	46.8	58.1	44.7
02:05 AM - 02:10 AM	47.9	54.8	46.1
02:10 AM - 02:15 AM	47.4	54.7	45.6
02:15 AM - 02:20 AM	47.3	54.3	45.7
02:20 AM - 02:25 AM	47.7	54.3	45.8
02:25 AM - 02:30 AM	47.6	55.4	44.5
02:30 AM - 02:35 AM	47.0	55.0	45.6
02:35 AM - 02:40 AM	47.2	51.8	45.4
02:40 AM - 02:45 AM	47.4	53.1	45.6
02:45 AM - 02:50 AM	46.5	52.1	44.9
02:50 AM - 02:55 AM	46.4	55.0	44.9
02:55 AM - 03:00 AM	46.9	53.1	45.2
03:00 AM - 03:05 AM	47.0	54.6	45.1
03:05 AM - 03:10 AM	46.2	53.1	44.7
03:10 AM - 03:15 AM	45.9	52.1	44.5
03:15 AM - 03:20 AM	46.5	53.1	44.9
03:20 AM - 03:25 AM	46.0	52.8	44.0
03:25 AM - 03:30 AM	45.2	57.7	42.7

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Perawat Samart Pongnirong

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

Lot ID: 2494233
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report No. : 3107842-1

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Page 3 of 3

Sample No. 2494233-21
Parameter Noise
Location วัดพื้นชั้น (จุดอ้างอิง) (GPS 47P 0729508, 1622765) (Shut down)
Measurement Date Aug 29 - Aug 30, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 597164

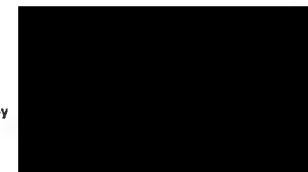
Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:30 AM - 03:35 AM	45.6	53.8	43.4
03:35 AM - 03:40 AM	44.8	53.5	42.0
03:40 AM - 03:45 AM	44.7	56.9	42.2
03:45 AM - 03:50 AM	45.0	53.3	42.5
03:50 AM - 03:55 AM	46.5	56.0	42.5
03:55 AM - 04:00 AM	45.8	54.3	41.9
04:00 AM - 04:05 AM	45.3	54.5	41.6
04:05 AM - 04:10 AM	44.6	52.4	41.6
04:10 AM - 04:15 AM	46.9	61.3	41.2
04:15 AM - 04:20 AM	43.4	56.6	39.9
04:20 AM - 04:25 AM	43.0	50.2	40.5
04:25 AM - 04:30 AM	42.7	55.9	39.7
04:30 AM - 04:35 AM	67.3	82.4	40.9
04:35 AM - 04:40 AM	44.3	56.2	41.8
04:40 AM - 04:45 AM	46.0	57.5	41.0
04:45 AM - 04:50 AM	44.9	56.4	40.2
04:50 AM - 04:55 AM	44.4	57.2	40.2
04:55 AM - 05:00 AM	43.6	50.1	40.1
05:00 AM - 05:05 AM	45.0	56.4	41.5
05:05 AM - 05:10 AM	44.9	52.0	42.6
05:10 AM - 05:15 AM	44.9	50.1	42.4
05:15 AM - 05:20 AM	45.3	53.6	42.5
05:20 AM - 05:25 AM	45.2	55.5	42.7
05:25 AM - 05:30 AM	49.8	67.7	44.1
05:30 AM - 05:35 AM	46.4	53.9	43.8
05:35 AM - 05:40 AM	48.6	68.4	43.6
05:40 AM - 05:45 AM	46.0	55.6	43.3
05:45 AM - 05:50 AM	46.9	56.5	44.6
05:50 AM - 05:55 AM	46.6	64.4	43.8
05:55 AM - 06:00 AM	45.3	49.5	43.6
06:00 AM - 07:00 AM	46.6	62.8	43.1
07:00 AM - 08:00 AM	46.6	68.6	42.4

Reference Method :

1. In-house method : STM 06-001 based on ISO 1996-1 : 2016
2. ประกาศกระทรวงอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงการรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกินจากการประกาศมาตรฐาน พ.ศ. 2567

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494233
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report No. : 3107843-1

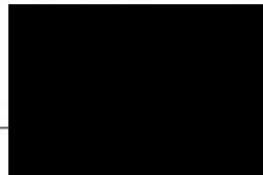
Page 1 of 3

Sample No. 2494233-22
Parameter Noise
Location วัดสนามทิศตะวันออก (จุดอ้างอิง) (GPS 47P 0719411, 1614715) (Shut down)
Measurement Date Aug 23 - Aug 24, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 00572566

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:00 AM - 09:00 AM	53.6	74.4	49.2
09:00 AM - 10:00 AM	56.3	71.7	53.3
10:00 AM - 11:00 AM	55.1	65.2	52.7
11:00 AM - 12:00 PM	59.4	79.3	52.2
12:00 PM - 01:00 PM	53.8	68.5	51.5
01:00 PM - 02:00 PM	54.2	77.8	51.6
02:00 PM - 03:00 PM	56.4	74.1	52.7
03:00 PM - 04:00 PM	58.4	76.3	53.5
04:00 PM - 05:00 PM	56.8	77.3	53.5
05:00 PM - 06:00 PM	59.1	78.0	53.7
06:00 PM - 07:00 PM	60.3	71.6	56.6
07:00 PM - 08:00 PM	55.7	67.9	53.7
08:00 PM - 09:00 PM	54.9	74.8	53.3
09:00 PM - 10:00 PM	56.5	67.3	54.2
10:00 PM - 10:05 PM	55.2	58.6	53.6
10:05 PM - 10:10 PM	56.0	64.4	53.9
10:10 PM - 10:15 PM	56.9	68.8	54.7
10:15 PM - 10:20 PM	56.7	63.3	55.0
10:20 PM - 10:25 PM	56.9	62.2	55.3
10:25 PM - 10:30 PM	56.7	65.0	55.3
10:30 PM - 10:35 PM	57.5	66.1	55.3
10:35 PM - 10:40 PM	56.9	64.3	55.4
10:40 PM - 10:45 PM	56.7	63.4	55.0
10:45 PM - 10:50 PM	56.0	60.7	55.0
10:50 PM - 10:55 PM	55.7	60.7	54.1
10:55 PM - 11:00 PM	56.3	63.9	54.4
11:00 PM - 11:05 PM	55.1	61.3	53.5
11:05 PM - 11:10 PM	55.7	62.4	54.3
11:10 PM - 11:15 PM	56.4	67.0	54.2
11:15 PM - 11:20 PM	55.7	60.9	54.2
11:20 PM - 11:25 PM	56.6	61.7	54.4
11:25 PM - 11:30 PM	54.8	59.5	53.3
11:30 PM - 11:35 PM	55.4	60.9	53.5
11:35 PM - 11:40 PM	55.6	59.1	53.9
11:40 PM - 11:45 PM	54.6	62.8	52.9
11:45 PM - 11:50 PM	54.8	62.1	53.1
11:50 PM - 11:55 PM	55.2	65.3	51.7
11:55 PM - 12:00 AM	53.5	69.3	51.8
12:00 AM - 12:05 AM	53.8	60.4	51.5
12:05 AM - 12:10 AM	53.9	61.3	51.2

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494233
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report No. : 3107843-1

Page 2 of 3

Sample No. 2494233-22
Parameter Noise
Location วัดสนามทิศตะวันออก (จุดอ้างอิง) (GPS 47P 0719411, 1614715) (Shut down)
Measurement Date Aug 23 - Aug 24, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 00572566

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:10 AM - 12:15 AM	53.8	58.7	51.9
12:15 AM - 12:20 AM	52.7	56.3	51.4
12:20 AM - 12:25 AM	52.7	59.5	50.1
12:25 AM - 12:30 AM	51.8	62.2	49.1
12:30 AM - 12:35 AM	52.3	59.4	49.9
12:35 AM - 12:40 AM	52.4	58.5	50.4
12:40 AM - 12:45 AM	53.2	60.1	49.9
12:45 AM - 12:50 AM	52.8	58.0	50.0
12:50 AM - 12:55 AM	53.1	58.0	50.9
12:55 AM - 01:00 AM	53.2	58.1	50.8
01:00 AM - 01:05 AM	52.9	59.8	50.6
01:05 AM - 01:10 AM	51.8	57.4	49.0
01:10 AM - 01:15 AM	51.4	59.8	49.4
01:15 AM - 01:20 AM	52.7	60.6	49.1
01:20 AM - 01:25 AM	53.9	66.0	50.1
01:25 AM - 01:30 AM	53.4	64.5	50.2
01:30 AM - 01:35 AM	54.6	63.5	51.0
01:35 AM - 01:40 AM	54.2	63.6	50.0
01:40 AM - 01:45 AM	51.1	60.6	47.9
01:45 AM - 01:50 AM	52.6	59.3	48.8
01:50 AM - 01:55 AM	59.0	75.0	49.5
01:55 AM - 02:00 AM	51.0	55.7	48.0
02:00 AM - 02:05 AM	53.6	66.0	48.5
02:05 AM - 02:10 AM	56.1	71.5	50.9
02:10 AM - 02:15 AM	53.4	70.7	49.8
02:15 AM - 02:20 AM	51.3	59.8	48.1
02:20 AM - 02:25 AM	52.1	59.1	47.7
02:25 AM - 02:30 AM	53.0	60.0	49.2
02:30 AM - 02:35 AM	52.6	70.9	49.0
02:35 AM - 02:40 AM	53.3	74.2	48.9
02:40 AM - 02:45 AM	52.7	59.7	48.9
02:45 AM - 02:50 AM	53.0	60.1	50.2
02:50 AM - 02:55 AM	53.9	61.8	49.1
02:55 AM - 03:00 AM	51.3	56.2	48.1
03:00 AM - 03:05 AM	51.9	59.2	49.4
03:05 AM - 03:10 AM	53.9	60.0	50.0
03:10 AM - 03:15 AM	52.8	60.2	49.3
03:15 AM - 03:20 AM	51.6	57.7	47.5
03:20 AM - 03:25 AM	50.6	58.4	47.9
03:25 AM - 03:30 AM	52.2	60.9	49.8

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494233
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report No. : 3107843-1

Page 3 of 3

Sample No. 2494233-22
Parameter Noise
Location วัดสถานีวัดการาราม (จุดข้างถัง) (GPS 47P 0719411, 1614715) (Shut down)
Measurement Date Aug 23 - Aug 24, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 00572566

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:30 AM - 03:35 AM	51.4	56.6	48.9
03:35 AM - 03:40 AM	52.7	63.6	49.6
03:40 AM - 03:45 AM	54.8	63.2	50.9
03:45 AM - 03:50 AM	53.4	59.7	48.9
03:50 AM - 03:55 AM	55.3	60.1	50.2
03:55 AM - 04:00 AM	55.1	65.6	51.0
04:00 AM - 04:05 AM	54.7	59.6	51.0
04:05 AM - 04:10 AM	56.5	61.4	53.2
04:10 AM - 04:15 AM	57.6	62.4	54.6
04:15 AM - 04:20 AM	54.0	60.4	47.8
04:20 AM - 04:25 AM	56.2	61.5	51.8
04:25 AM - 04:30 AM	53.3	59.9	48.2
04:30 AM - 04:35 AM	60.1	68.7	54.5
04:35 AM - 04:40 AM	62.5	69.2	57.2
04:40 AM - 04:45 AM	62.8	68.3	59.9
04:45 AM - 04:50 AM	62.9	69.2	59.6
04:50 AM - 04:55 AM	63.6	69.9	60.3
04:55 AM - 05:00 AM	63.7	70.6	60.8
05:00 AM - 05:05 AM	63.9	71.2	61.1
05:05 AM - 05:10 AM	63.6	70.7	60.4
05:10 AM - 05:15 AM	63.4	70.1	60.0
05:15 AM - 05:20 AM	62.4	68.8	58.5
05:20 AM - 05:25 AM	58.2	66.3	52.4
05:25 AM - 05:30 AM	52.3	60.0	49.4
05:30 AM - 05:35 AM	53.3	60.8	50.1
05:35 AM - 05:40 AM	53.1	57.2	50.6
05:40 AM - 05:45 AM	53.2	60.9	50.6
05:45 AM - 05:50 AM	53.2	65.0	49.7
05:50 AM - 05:55 AM	68.9	86.4	53.4
05:55 AM - 06:00 AM	55.4	64.0	53.1
06:00 AM - 07:00 AM	55.3	79.7	51.3
07:00 AM - 08:00 AM	55.1	70.5	52.1

Reference Method :

- In-house method : STM 06-001 based on ISO 1996-1 : 2016
- ประเทศไทยโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงการรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2567

Approved by

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494233
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report No. : 3107844-1

Page 1 of 3

Sample No. 2494233-23
Parameter Noise
Location วัดสถานีวัดการาราม (จุดข้างถัง) (GPS 47P 0719411, 1614715) (Shut down)
Measurement Date Aug 24 - Aug 25, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 00572566

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:00 AM - 09:00 AM	57.0	75.5	52.6
09:00 AM - 10:00 AM	59.1	78.3	55.0
10:00 AM - 11:00 AM	62.6	79.9	55.0
11:00 AM - 12:00 PM	62.5	82.9	54.8
12:00 PM - 01:00 PM	54.5	66.4	52.2
01:00 PM - 02:00 PM	57.3	77.5	52.0
02:00 PM - 03:00 PM	63.7	77.8	54.9
03:00 PM - 04:00 PM	60.8	82.2	55.6
04:00 PM - 05:00 PM	60.1	79.4	56.7
05:00 PM - 06:00 PM	60.7	75.1	56.4
06:00 PM - 07:00 PM	62.0	77.5	58.1
07:00 PM - 08:00 PM	61.2	82.9	57.8
08:00 PM - 09:00 PM	61.0	71.9	59.4
09:00 PM - 10:00 PM	57.8	71.1	56.4
10:00 PM - 10:05 PM	60.1	69.6	55.8
10:05 PM - 10:10 PM	62.2	64.4	61.4
10:10 PM - 10:15 PM	61.4	64.2	60.3
10:15 PM - 10:20 PM	60.6	65.8	60.2
10:20 PM - 10:25 PM	60.6	72.7	59.9
10:25 PM - 10:30 PM	59.6	71.9	57.9
10:30 PM - 10:35 PM	57.7	72.3	55.4
10:35 PM - 10:40 PM	54.8	63.9	53.6
10:40 PM - 10:45 PM	53.3	64.7	51.1
10:45 PM - 10:50 PM	54.7	74.5	53.0
10:50 PM - 10:55 PM	53.7	58.6	52.0
10:55 PM - 11:00 PM	55.0	65.2	52.7
11:00 PM - 11:05 PM	56.5	64.0	54.1
11:05 PM - 11:10 PM	54.8	60.4	52.7
11:10 PM - 11:15 PM	59.3	54.0	52.6
11:15 PM - 11:20 PM	54.7	63.6	52.0
11:20 PM - 11:25 PM	53.1	59.1	51.7
11:25 PM - 11:30 PM	53.3	57.5	51.3
11:30 PM - 11:35 PM	53.8	59.9	52.3
11:35 PM - 11:40 PM	53.9	57.8	52.1
11:40 PM - 11:45 PM	54.3	59.7	52.4
11:45 PM - 11:50 PM	55.0	64.0	51.7
11:50 PM - 11:55 PM	54.3	63.2	51.8
11:55 PM - 12:00 AM	52.8	60.5	50.7
12:00 AM - 12:05 AM	52.8	59.6	51.1
12:05 AM - 12:10 AM	52.4	56.3	50.5

Approved by

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LIFE SCIENCES

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RIGHT SOLUTIONS RIGHT PARTNER



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

Lot ID: 2494233
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report No. : 3107844-1

P/O :
Project Name : Saraburi Factory Plant
Project Location :

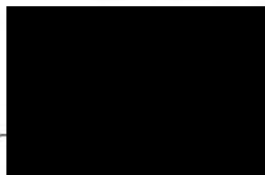
Page 2 of 2

Sample No. 2494233-23
Parameter Noise
Location วัดสนามวัดราราม (จุดอ้างอิง) (GPS 47P 0719411, 1614715) (Shut down)
Measurement Date Aug 24 - Aug 25, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 00572566

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:10 AM - 12:15 AM	53.5	61.1	50.4
12:15 AM - 12:20 AM	52.5	59.2	50.1
12:20 AM - 12:25 AM	52.4	59.4	50.0
12:25 AM - 12:30 AM	51.7	59.5	48.9
12:30 AM - 12:35 AM	51.9	62.5	48.7
12:35 AM - 12:40 AM	51.7	58.9	48.6
12:40 AM - 12:45 AM	51.3	63.0	49.1
12:45 AM - 12:50 AM	50.3	58.9	47.2
12:50 AM - 12:55 AM	51.7	65.3	48.1
12:55 AM - 01:00 AM	52.5	58.5	49.6
01:00 AM - 01:05 AM	52.5	61.8	48.8
01:05 AM - 01:10 AM	51.2	57.5	48.0
01:10 AM - 01:15 AM	52.2	61.6	49.2
01:15 AM - 01:20 AM	51.8	64.0	47.8
01:20 AM - 01:25 AM	61.0	76.7	48.5
01:25 AM - 01:30 AM	52.5	62.4	48.8
01:30 AM - 01:35 AM	50.4	58.3	47.0
01:35 AM - 01:40 AM	51.1	60.2	47.8
01:40 AM - 01:45 AM	50.2	58.0	46.4
01:45 AM - 01:50 AM	49.7	59.3	46.8
01:50 AM - 01:55 AM	50.4	57.2	47.7
01:55 AM - 02:00 AM	50.5	60.1	46.8
02:00 AM - 02:05 AM	50.5	57.4	48.3
02:05 AM - 02:10 AM	52.7	62.5	47.9
02:10 AM - 02:15 AM	51.1	58.4	48.0
02:15 AM - 02:20 AM	51.1	59.3	47.8
02:20 AM - 02:25 AM	52.1	62.4	48.1
02:25 AM - 02:30 AM	51.2	61.8	47.1
02:30 AM - 02:35 AM	49.8	58.2	46.9
02:35 AM - 02:40 AM	50.0	57.4	46.4
02:40 AM - 02:45 AM	52.1	66.1	45.8
02:45 AM - 02:50 AM	50.0	60.5	46.5
02:50 AM - 02:55 AM	50.5	60.1	46.5
02:55 AM - 03:00 AM	49.5	57.1	45.9
03:00 AM - 03:05 AM	50.9	60.8	47.3
03:05 AM - 03:10 AM	51.3	61.6	48.7
03:10 AM - 03:15 AM	50.2	57.4	45.9
03:15 AM - 03:20 AM	50.3	58.4	47.1
03:20 AM - 03:25 AM	50.5	56.4	48.2
03:25 AM - 03:30 AM	50.5	60.2	47.5

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LIFE SCIENCE

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

Lot ID: 2494233
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report No. : 3107844-1

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Page 3 of 3

Sample No. 2494233-23
Parameter Noise
Location วัดสนามวัดราราม (จุดอ้างอิง) (GPS 47P 0719411, 1614715) (Shut down)
Measurement Date Aug 24 - Aug 25, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 00572566

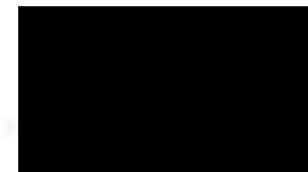
Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:30 AM - 03:35 AM	50.4	54.6	48.2
03:35 AM - 03:40 AM	51.4	57.5	49.0
03:40 AM - 03:45 AM	50.9	58.8	47.3
03:45 AM - 03:50 AM	50.6	56.0	48.2
03:50 AM - 03:55 AM	51.6	58.9	49.0
03:55 AM - 04:00 AM	51.8	61.5	47.2
04:00 AM - 04:05 AM	52.5	61.2	47.4
04:05 AM - 04:10 AM	52.4	64.2	48.7
04:10 AM - 04:15 AM	51.9	60.2	49.3
04:15 AM - 04:20 AM	51.3	56.5	49.2
04:20 AM - 04:25 AM	52.3	61.4	47.8
04:25 AM - 04:30 AM	49.2	55.5	46.5
04:30 AM - 04:35 AM	58.1	66.8	47.8
04:35 AM - 04:40 AM	60.7	66.1	56.7
04:40 AM - 04:45 AM	60.6	65.7	57.8
04:45 AM - 04:50 AM	60.2	66.2	57.8
04:50 AM - 04:55 AM	60.5	66.6	58.0
04:55 AM - 05:00 AM	60.8	65.7	58.3
05:00 AM - 05:05 AM	61.0	67.2	58.3
05:05 AM - 05:10 AM	62.6	69.5	59.1
05:10 AM - 05:15 AM	61.7	71.3	58.9
05:15 AM - 05:20 AM	61.6	66.8	58.6
05:20 AM - 05:25 AM	58.0	65.0	53.7
05:25 AM - 05:30 AM	56.7	69.8	51.4
05:30 AM - 05:35 AM	53.0	67.9	50.1
05:35 AM - 05:40 AM	52.5	60.0	50.1
05:40 AM - 05:45 AM	53.3	61.3	50.4
05:45 AM - 05:50 AM	51.9	58.3	49.4
05:50 AM - 05:55 AM	53.5	69.0	49.7
05:55 AM - 06:00 AM	57.3	61.4	55.7
06:00 AM - 07:00 AM	55.2	71.1	51.8
07:00 AM - 08:00 AM	62.1	79.5	53.6

Reference Method :

- In-house method : STM 06-001 based on ISO 1996-1 : 2016
- ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงการรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.พ. 2567

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhol, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494233
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report No. : 3107845-1

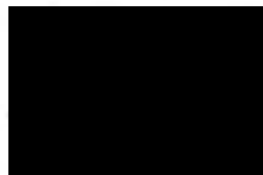
Page 1 of 3

Sample No. 2494233-24
Parameter Noise
Location วัดสนามวัดสุวรรณ (จุดข้างฝั่ง) (GPS 47P 0719411, 1614715) (Shut down)
Measurement Date Aug 25 - Aug 26, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 00572566

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:00 AM - 09:00 AM	62.3	80.8	54.1
09:00 AM - 10:00 AM	56.5	79.5	51.2
10:00 AM - 11:00 AM	54.5	72.4	52.2
11:00 AM - 12:00 PM	59.0	80.8	52.3
12:00 PM - 01:00 PM	53.3	69.4	50.0
01:00 PM - 02:00 PM	53.7	72.4	51.3
02:00 PM - 03:00 PM	62.3	82.3	53.7
03:00 PM - 04:00 PM	60.6	84.2	55.7
04:00 PM - 05:00 PM	62.8	83.1	55.4
05:00 PM - 06:00 PM	61.7	82.8	54.5
06:00 PM - 07:00 PM	61.2	84.3	55.5
07:00 PM - 08:00 PM	57.2	71.3	54.6
08:00 PM - 09:00 PM	54.9	70.5	52.5
09:00 PM - 10:00 PM	53.3	67.2	51.2
10:00 PM - 10:05 PM	51.1	57.0	48.2
10:05 PM - 10:10 PM	52.9	59.8	50.0
10:10 PM - 10:15 PM	53.4	62.6	50.2
10:15 PM - 10:20 PM	51.7	55.8	50.2
10:20 PM - 10:25 PM	52.6	59.9	50.7
10:25 PM - 10:30 PM	55.3	65.4	52.5
10:30 PM - 10:35 PM	57.0	61.9	55.0
10:35 PM - 10:40 PM	57.8	66.9	54.6
10:40 PM - 10:45 PM	57.5	66.1	55.0
10:45 PM - 10:50 PM	58.1	66.5	55.9
10:50 PM - 10:55 PM	57.1	68.5	54.4
10:55 PM - 11:00 PM	55.6	67.7	52.5
11:00 PM - 11:05 PM	54.4	64.6	52.6
11:05 PM - 11:10 PM	53.9	59.3	51.9
11:10 PM - 11:15 PM	52.1	56.9	49.9
11:15 PM - 11:20 PM	53.7	61.6	50.6
11:20 PM - 11:25 PM	53.1	60.8	51.2
11:25 PM - 11:30 PM	54.0	67.9	50.6
11:30 PM - 11:35 PM	53.8	77.6	49.4
11:35 PM - 11:40 PM	51.4	57.9	48.4
11:40 PM - 11:45 PM	52.2	59.9	48.9
11:45 PM - 11:50 PM	52.5	62.1	49.4
11:50 PM - 11:55 PM	51.6	59.4	48.6
11:55 PM - 12:00 AM	51.5	61.3	48.3
12:00 AM - 12:05 AM	50.9	57.3	48.3
12:05 AM - 12:10 AM	52.2	65.0	48.2

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhol, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2494233
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report No. : 3107845-1

Page 2 of 3

Sample No. 2494233-24
Parameter Noise
Location วัดสนามวัดสุวรรณ (จุดข้างฝั่ง) (GPS 47P 0719411, 1614715) (Shut down)
Measurement Date Aug 25 - Aug 26, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 00572566

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:10 AM - 12:15 AM	51.3	57.7	48.9
12:15 AM - 12:20 AM	50.1	66.0	47.6
12:20 AM - 12:25 AM	51.9	61.8	48.0
12:25 AM - 12:30 AM	51.8	59.9	49.5
12:30 AM - 12:35 AM	53.3	63.4	49.6
12:35 AM - 12:40 AM	52.3	64.2	48.7
12:40 AM - 12:45 AM	52.0	58.7	48.4
12:45 AM - 12:50 AM	51.8	59.2	49.2
12:50 AM - 12:55 AM	51.6	59.5	48.6
12:55 AM - 01:00 AM	51.4	57.8	48.2
01:00 AM - 01:05 AM	51.5	59.2	48.1
01:05 AM - 01:10 AM	50.8	58.9	47.6
01:10 AM - 01:15 AM	51.4	62.5	48.5
01:15 AM - 01:20 AM	51.4	62.4	48.4
01:20 AM - 01:25 AM	54.7	66.8	49.0
01:25 AM - 01:30 AM	52.2	60.1	48.7
01:30 AM - 01:35 AM	51.2	69.4	48.2
01:35 AM - 01:40 AM	51.9	60.2	48.2
01:40 AM - 01:45 AM	51.0	58.3	47.9
01:45 AM - 01:50 AM	50.5	56.5	47.5
01:50 AM - 01:55 AM	51.2	59.5	45.8
01:55 AM - 02:00 AM	51.4	57.4	47.4
02:00 AM - 02:05 AM	50.2	57.4	47.4
02:05 AM - 02:10 AM	51.1	60.9	48.2
02:10 AM - 02:15 AM	50.9	58.6	47.8
02:15 AM - 02:20 AM	52.0	61.6	48.0
02:20 AM - 02:25 AM	51.6	60.5	48.1
02:25 AM - 02:30 AM	50.0	58.2	46.8
02:30 AM - 02:35 AM	50.2	56.5	47.9
02:35 AM - 02:40 AM	49.8	55.6	47.3
02:40 AM - 02:45 AM	52.7	63.2	49.0
02:45 AM - 02:50 AM	50.0	55.5	48.2
02:50 AM - 02:55 AM	50.3	60.9	47.5
02:55 AM - 03:00 AM	50.7	57.9	49.1
03:00 AM - 03:05 AM	51.9	66.1	48.6
03:05 AM - 03:10 AM	51.6	63.5	47.1
03:10 AM - 03:15 AM	50.1	61.7	46.6
03:15 AM - 03:20 AM	50.5	56.7	47.5
03:20 AM - 03:25 AM	58.7	72.1	48.8
03:25 AM - 03:30 AM	50.6	60.4	47.5

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhai, Saraburi
Thailand 18260

Lot ID: 2494233
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report No. : 3107845-1

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Page 3 of 3

Sample No. 2494233-24
Parameter Noise
Location วัดสภาพสิ่งแวดล้อม (จุดอ้างอิง) (GPS 47P 0719411, 1614715) (Shut down)
Measurement Date Aug 25 - Aug 26, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 00572566

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:30 AM - 03:35 AM	50.9	63.5	47.5
03:35 AM - 03:40 AM	49.6	59.7	46.7
03:40 AM - 03:45 AM	50.2	60.7	46.5
03:45 AM - 03:50 AM	51.1	65.6	47.9
03:50 AM - 03:55 AM	50.2	57.9	47.4
03:55 AM - 04:00 AM	53.0	69.7	48.3
04:00 AM - 04:05 AM	51.3	59.9	47.9
04:05 AM - 04:10 AM	51.2	57.0	48.3
04:10 AM - 04:15 AM	53.2	68.4	46.8
04:15 AM - 04:20 AM	58.4	76.8	47.8
04:20 AM - 04:25 AM	50.3	58.1	47.1
04:25 AM - 04:30 AM	50.7	57.2	47.6
04:30 AM - 04:35 AM	57.6	65.1	47.5
04:35 AM - 04:40 AM	60.5	66.6	55.5
04:40 AM - 04:45 AM	60.7	65.9	57.6
04:45 AM - 04:50 AM	60.6	70.4	57.9
04:50 AM - 04:55 AM	61.4	66.7	58.4
04:55 AM - 05:00 AM	62.2	75.7	59.0
05:00 AM - 05:05 AM	61.3	68.0	58.3
05:05 AM - 05:10 AM	62.2	69.6	58.3
05:10 AM - 05:15 AM	60.5	66.8	57.4
05:15 AM - 05:20 AM	60.2	68.1	57.1
05:20 AM - 05:25 AM	57.4	66.0	53.5
05:25 AM - 05:30 AM	55.4	63.1	49.5
05:30 AM - 05:35 AM	50.7	57.4	47.8
05:35 AM - 05:40 AM	51.5	56.5	49.8
05:40 AM - 05:45 AM	51.0	58.4	48.7
05:45 AM - 05:50 AM	52.7	68.7	48.9
05:50 AM - 05:55 AM	52.8	72.6	49.3
05:55 AM - 06:00 AM	56.8	69.2	54.7
06:00 AM - 07:00 AM	55.8	74.7	52.2
07:00 AM - 08:00 AM	56.5	77.1	53.2

Reference Method :

1. In-house method : STM 06-001 based on ISO 1996-1 : 2016
2. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงการรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และการประเมินผลกระทบจากเสียงจากการประกอบกิจการโรงงาน พ.ศ. 2567

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhai, Saraburi
Thailand 18260

Lot ID: 2494233
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report No. : 3107846-1

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Page 1 of 3

Sample No. 2494233-25
Parameter Noise
Location วัดสภาพสิ่งแวดล้อม (จุดอ้างอิง) (GPS 47P 0719411, 1614715) (Shut down)
Measurement Date Aug 26 - Aug 27, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 00572566

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:00 AM - 09:00 AM	59.7	81.5	54.0
09:00 AM - 10:00 AM	56.2	75.9	53.4
10:00 AM - 11:00 AM	56.0	69.7	53.0
11:00 AM - 12:00 PM	54.4	67.9	51.8
12:00 PM - 01:00 PM	55.2	71.5	52.7
01:00 PM - 02:00 PM	54.9	70.1	52.5
02:00 PM - 03:00 PM	60.6	80.9	54.2
03:00 PM - 04:00 PM	62.1	82.0	55.0
04:00 PM - 05:00 PM	61.1	81.2	54.5
05:00 PM - 06:00 PM	57.2	73.5	54.3
06:00 PM - 07:00 PM	61.0	80.2	56.5
07:00 PM - 08:00 PM	54.8	67.1	52.7
08:00 PM - 09:00 PM	54.5	75.6	52.3
09:00 PM - 10:00 PM	54.5	65.1	52.2
10:00 PM - 10:05 PM	53.6	59.9	52.1
10:05 PM - 10:10 PM	52.8	59.9	50.8
10:10 PM - 10:15 PM	56.2	64.7	52.5
10:15 PM - 10:20 PM	54.2	62.8	51.7
10:20 PM - 10:25 PM	53.6	65.7	51.7
10:25 PM - 10:30 PM	53.3	61.7	50.7
10:30 PM - 10:35 PM	54.8	62.5	51.4
10:35 PM - 10:40 PM	54.0	60.1	51.3
10:40 PM - 10:45 PM	55.0	63.5	53.0
10:45 PM - 10:50 PM	54.3	61.3	52.1
10:50 PM - 10:55 PM	53.5	62.4	50.8
10:55 PM - 11:00 PM	55.3	62.5	53.5
11:00 PM - 11:05 PM	54.7	59.2	53.1
11:05 PM - 11:10 PM	55.6	62.4	53.2
11:10 PM - 11:15 PM	54.8	64.5	52.5
11:15 PM - 11:20 PM	53.7	60.3	51.5
11:20 PM - 11:25 PM	54.0	57.4	52.5
11:25 PM - 11:30 PM	53.7	59.9	52.1
11:30 PM - 11:35 PM	54.6	60.4	52.6
11:35 PM - 11:40 PM	54.8	59.9	53.2
11:40 PM - 11:45 PM	54.6	63.4	52.5
11:45 PM - 11:50 PM	54.2	62.6	51.4
11:50 PM - 11:55 PM	54.2	62.8	52.0
11:55 PM - 12:00 AM	54.9	63.2	52.9
12:00 AM - 12:05 AM	54.7	63.5	52.4
12:05 AM - 12:10 AM	53.9	61.4	51.5

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

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

Lot ID: 2494233
Date Received :Sep 04, 2024
Date Reported :Sep 11, 2024
Report No. : 3107846-1

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Page 2 of 3

Sample No. 2494233-25
Parameter Noise
Location วัดสนามวัดศิริวรรณ (จุดอ้างอิง) (GPS 47P 0719411, 1614715) (Shut down)
Measurement Date Aug 26 - Aug 27, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 00572566

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:10 AM - 12:15 AM	55.2	81.4	50.8
12:15 AM - 12:20 AM	53.5	61.3	50.9
12:20 AM - 12:25 AM	52.3	60.5	49.3
12:25 AM - 12:30 AM	52.1	56.9	50.1
12:30 AM - 12:35 AM	51.9	60.7	48.9
12:35 AM - 12:40 AM	52.1	61.4	49.2
12:40 AM - 12:45 AM	51.5	61.2	48.5
12:45 AM - 12:50 AM	52.0	69.1	47.3
12:50 AM - 12:55 AM	49.5	57.6	46.0
12:55 AM - 01:00 AM	50.9	59.3	48.3
01:00 AM - 01:05 AM	51.6	59.3	49.1
01:05 AM - 01:10 AM	51.8	60.4	48.9
01:10 AM - 01:15 AM	52.3	65.4	47.9
01:15 AM - 01:20 AM	50.7	62.1	47.3
01:20 AM - 01:25 AM	59.4	72.4	48.4
01:25 AM - 01:30 AM	49.7	57.8	46.5
01:30 AM - 01:35 AM	52.4	64.2	49.7
01:35 AM - 01:40 AM	52.5	58.3	50.4
01:40 AM - 01:45 AM	53.5	59.6	51.0
01:45 AM - 01:50 AM	54.5	62.4	51.7
01:50 AM - 01:55 AM	55.2	66.4	51.1
01:55 AM - 02:00 AM	53.1	60.6	48.9
02:00 AM - 02:05 AM	52.4	64.6	49.1
02:05 AM - 02:10 AM	52.2	60.6	49.7
02:10 AM - 02:15 AM	52.5	64.2	49.0
02:15 AM - 02:20 AM	52.1	59.6	49.1
02:20 AM - 02:25 AM	53.3	65.0	49.8
02:25 AM - 02:30 AM	53.1	66.1	50.0
02:30 AM - 02:35 AM	53.8	60.9	50.1
02:35 AM - 02:40 AM	53.3	58.3	49.7
02:40 AM - 02:45 AM	54.9	65.4	51.5
02:45 AM - 02:50 AM	54.4	61.8	50.6
02:50 AM - 02:55 AM	53.3	59.2	49.9
02:55 AM - 03:00 AM	56.3	68.0	51.5
03:00 AM - 03:05 AM	52.3	60.5	49.1
03:05 AM - 03:10 AM	51.9	63.3	49.5
03:10 AM - 03:15 AM	51.7	60.4	49.2
03:15 AM - 03:20 AM	51.9	61.1	49.1
03:20 AM - 03:25 AM	53.6	64.2	48.1
03:25 AM - 03:30 AM	52.4	59.7	49.3

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

Lot ID: 2494233
Date Received :Sep 04, 2024
Date Reported :Sep 11, 2024
Report No. : 3107846-1

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Page 3 of 3

Sample No. 2494233-25
Parameter Noise
Location วัดสนามวัดศิริวรรณ (จุดอ้างอิง) (GPS 47P 0719411, 1614715) (Shut down)
Measurement Date Aug 26 - Aug 27, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 00572566

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:30 AM - 03:35 AM	52.4	61.9	49.7
03:35 AM - 03:40 AM	51.3	57.0	47.9
03:40 AM - 03:45 AM	52.3	61.4	48.4
03:45 AM - 03:50 AM	53.5	60.9	50.7
03:50 AM - 03:55 AM	52.1	56.0	49.8
03:55 AM - 04:00 AM	53.8	60.5	51.0
04:00 AM - 04:05 AM	53.8	62.8	51.0
04:05 AM - 04:10 AM	54.8	62.5	52.0
04:10 AM - 04:15 AM	53.5	60.5	51.3
04:15 AM - 04:20 AM	52.5	57.4	50.7
04:20 AM - 04:25 AM	51.4	58.0	49.1
04:25 AM - 04:30 AM	54.9	68.6	48.9
04:30 AM - 04:35 AM	58.8	65.9	50.7
04:35 AM - 04:40 AM	61.4	68.2	56.7
04:40 AM - 04:45 AM	61.9	71.3	58.1
04:45 AM - 04:50 AM	61.2	67.3	57.6
04:50 AM - 04:55 AM	61.7	67.3	58.4
04:55 AM - 05:00 AM	61.9	67.4	58.4
05:00 AM - 05:05 AM	61.6	67.7	58.0
05:05 AM - 05:10 AM	61.3	68.3	57.5
05:10 AM - 05:15 AM	61.0	67.8	56.5
05:15 AM - 05:20 AM	59.6	70.3	54.8
05:20 AM - 05:25 AM	54.2	62.5	50.6
05:25 AM - 05:30 AM	54.9	61.3	51.8
05:30 AM - 05:35 AM	54.6	62.6	51.1
05:35 AM - 05:40 AM	54.9	60.2	52.2
05:40 AM - 05:45 AM	55.1	71.6	51.5
05:45 AM - 05:50 AM	55.0	60.4	51.7
05:50 AM - 05:55 AM	56.4	67.8	53.1
05:55 AM - 06:00 AM	56.0	65.3	52.4
06:00 AM - 07:00 AM	56.9	70.6	53.5
07:00 AM - 08:00 AM	58.5	74.0	55.4

Reference Method :

- In-house method : STM 06-001 based on ISO 1996-1 : 2016
- ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงการรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2567

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhol, Saraburi
Thailand 18260

Lot ID: 2494233
Date Received :Sep 04, 2024
Date Reported :Sep 11, 2024
Report No. : 3107847-1

P/O :
Project Name : Saraburi Factory Plant
Project Location :

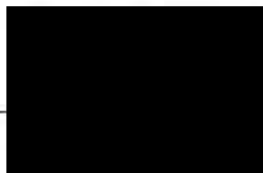
Page 1 of 3

Sample No. 2494233-26
Parameter Noise
Location วัดสามัคคีธาราราม (จุดล่างฝั่ง) (GPS 47P 0719411, 1614715) (Shut down)
Measurement Date Aug 27 - Aug 28, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 00572566

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:00 AM - 09:00 AM	58.8	84.4	54.5
09:00 AM - 10:00 AM	59.3	78.1	54.5
10:00 AM - 11:00 AM	57.8	78.8	53.6
11:00 AM - 12:00 PM	54.5	67.5	52.5
12:00 PM - 01:00 PM	54.4	74.1	52.2
01:00 PM - 02:00 PM	54.8	67.2	52.8
02:00 PM - 03:00 PM	58.3	71.4	53.2
03:00 PM - 04:00 PM	59.8	78.7	52.9
04:00 PM - 05:00 PM	57.4	76.2	53.6
05:00 PM - 06:00 PM	59.5	79.3	54.2
06:00 PM - 07:00 PM	59.7	76.9	55.3
07:00 PM - 08:00 PM	57.8	75.1	54.9
08:00 PM - 09:00 PM	55.0	68.0	53.0
09:00 PM - 10:00 PM	57.2	66.4	54.9
10:00 PM - 10:05 PM	57.0	62.3	55.4
10:05 PM - 10:10 PM	55.9	60.3	53.4
10:10 PM - 10:15 PM	56.4	61.2	54.7
10:15 PM - 10:20 PM	56.1	59.5	54.4
10:20 PM - 10:25 PM	58.0	68.1	54.9
10:25 PM - 10:30 PM	56.5	60.7	54.9
10:30 PM - 10:35 PM	57.2	63.5	54.6
10:35 PM - 10:40 PM	55.4	62.2	53.5
10:40 PM - 10:45 PM	54.2	59.9	52.2
10:45 PM - 10:50 PM	55.1	62.2	53.2
10:50 PM - 10:55 PM	54.7	64.0	52.3
10:55 PM - 11:00 PM	55.5	61.1	53.5
11:00 PM - 11:05 PM	54.1	58.8	51.8
11:05 PM - 11:10 PM	55.6	63.8	52.8
11:10 PM - 11:15 PM	54.7	62.8	52.0
11:15 PM - 11:20 PM	54.7	63.8	51.8
11:20 PM - 11:25 PM	55.9	69.9	51.7
11:25 PM - 11:30 PM	54.5	60.7	52.2
11:30 PM - 11:35 PM	54.2	60.3	50.5
11:35 PM - 11:40 PM	55.4	62.7	53.6
11:40 PM - 11:45 PM	56.8	65.5	53.3
11:45 PM - 11:50 PM	55.0	60.1	53.1
11:50 PM - 11:55 PM	56.6	70.0	52.8
11:55 PM - 12:00 AM	53.8	61.3	51.3
12:00 AM - 12:05 AM	52.7	58.6	50.4
12:05 AM - 12:10 AM	53.6	62.1	50.3

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhol, Saraburi
Thailand 18260

Lot ID: 2494233
Date Received :Sep 04, 2024
Date Reported :Sep 11, 2024
Report No. : 3107847-1

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Page 2 of 3

Sample No. 2494233-26
Parameter Noise
Location วัดสามัคคีธาราราม (จุดล่างฝั่ง) (GPS 47P 0719411, 1614715) (Shut down)
Measurement Date Aug 27 - Aug 28, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 00572566

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:10 AM - 12:15 AM	54.1	60.0	51.8
12:15 AM - 12:20 AM	54.4	58.8	52.5
12:20 AM - 12:25 AM	54.7	64.5	52.0
12:25 AM - 12:30 AM	54.6	63.7	52.0
12:30 AM - 12:35 AM	53.2	57.4	51.6
12:35 AM - 12:40 AM	52.8	58.4	49.8
12:40 AM - 12:45 AM	52.9	58.3	50.3
12:45 AM - 12:50 AM	52.1	61.3	49.5
12:50 AM - 12:55 AM	52.4	64.8	49.3
12:55 AM - 01:00 AM	51.8	62.5	48.4
01:00 AM - 01:05 AM	53.3	63.2	49.7
01:05 AM - 01:10 AM	50.9	59.8	48.0
01:10 AM - 01:15 AM	50.5	66.7	48.2
01:15 AM - 01:20 AM	59.6	73.3	46.6
01:20 AM - 01:25 AM	56.1	65.9	49.4
01:25 AM - 01:30 AM	55.9	66.3	54.2
01:30 AM - 01:35 AM	55.2	62.1	53.3
01:35 AM - 01:40 AM	51.9	61.8	49.5
01:40 AM - 01:45 AM	55.9	68.3	49.5
01:45 AM - 01:50 AM	56.6	65.6	54.2
01:50 AM - 01:55 AM	58.7	72.0	54.3
01:55 AM - 02:00 AM	55.8	64.8	53.4
02:00 AM - 02:05 AM	58.2	66.5	53.7
02:05 AM - 02:10 AM	54.0	61.2	51.9
02:10 AM - 02:15 AM	52.9	57.3	50.6
02:15 AM - 02:20 AM	53.1	60.2	49.9
02:20 AM - 02:25 AM	52.4	63.1	49.4
02:25 AM - 02:30 AM	53.4	62.8	50.1
02:30 AM - 02:35 AM	53.3	62.7	51.1
02:35 AM - 02:40 AM	53.3	63.4	50.1
02:40 AM - 02:45 AM	51.6	59.5	49.3
02:45 AM - 02:50 AM	52.1	61.3	49.1
02:50 AM - 02:55 AM	52.4	60.1	48.9
02:55 AM - 03:00 AM	50.9	59.2	48.5
03:00 AM - 03:05 AM	51.8	61.8	48.4
03:05 AM - 03:10 AM	50.6	55.0	48.2
03:10 AM - 03:15 AM	53.7	66.3	48.3
03:15 AM - 03:20 AM	49.7	57.6	46.9
03:20 AM - 03:25 AM	50.3	60.2	47.3
03:25 AM - 03:30 AM	49.7	59.6	46.5

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ASST. General Manager

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhai, Saraburi
Thailand 18260

Lot ID: 2494233
Date Received :Sep 04, 2024
Date Reported :Sep 11, 2024
Report No. : 3107847-1

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Page 3 of 3

Sample No. 2494233-26
Parameter Noise
Location วัดสามัคคีธาราราม (จุดข้างฝั่ง) (GPS 47P 0719411, 1614715) (Shut down)
Measurement Date Aug 27 - Aug 28, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 00572566

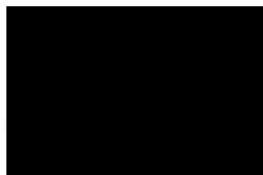
Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:30 AM - 03:35 AM	49.8	57.3	47.2
03:35 AM - 03:40 AM	51.4	62.7	47.5
03:40 AM - 03:45 AM	51.1	61.4	46.4
03:45 AM - 03:50 AM	49.3	56.4	46.9
03:50 AM - 03:55 AM	49.2	58.6	46.5
03:55 AM - 04:00 AM	49.7	55.6	46.2
04:00 AM - 04:05 AM	49.3	55.0	45.4
04:05 AM - 04:10 AM	50.2	56.3	47.7
04:10 AM - 04:15 AM	52.3	63.3	47.6
04:15 AM - 04:20 AM	50.9	59.2	47.3
04:20 AM - 04:25 AM	50.6	61.4	47.5
04:25 AM - 04:30 AM	49.8	56.2	46.7
04:30 AM - 04:35 AM	55.8	64.9	53.2
04:35 AM - 04:40 AM	54.2	61.7	52.4
04:40 AM - 04:45 AM	54.1	61.7	52.6
04:45 AM - 04:50 AM	54.1	61.0	52.5
04:50 AM - 04:55 AM	55.1	67.9	51.9
04:55 AM - 05:00 AM	55.3	70.2	52.2
05:00 AM - 05:05 AM	55.5	65.0	53.0
05:05 AM - 05:10 AM	55.5	62.2	53.9
05:10 AM - 05:15 AM	56.9	64.3	54.5
05:15 AM - 05:20 AM	56.9	67.1	57.1
05:20 AM - 05:25 AM	56.9	64.8	53.1
05:25 AM - 05:30 AM	54.0	63.6	49.4
05:30 AM - 05:35 AM	52.5	61.1	50.0
05:35 AM - 05:40 AM	51.7	61.7	48.6
05:40 AM - 05:45 AM	52.4	62.0	49.8
05:45 AM - 05:50 AM	52.0	59.4	49.8
05:50 AM - 05:55 AM	53.5	58.2	51.8
05:55 AM - 06:00 AM	55.2	62.7	53.1
06:00 AM - 07:00 AM	54.1	73.8	50.6
07:00 AM - 08:00 AM	58.9	78.5	53.7

Reference Method :

1. In-house method : STM 06-001 based on ISO 1996-1 : 2016
2. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงการรบกวน เฉพาะเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2567

The above results are valid only for the audited/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. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by



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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhai, Saraburi
Thailand 18260

Lot ID: 2494233
Date Received :Sep 04, 2024
Date Reported :Sep 11, 2024
Report No. : 3107848-1

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Page 1 of 3

Sample No. 2494233-27
Parameter Noise
Location วัดสามัคคีธาราราม (จุดข้างฝั่ง) (GPS 47P 0719411, 1614715) (Shut down)
Measurement Date Aug 28 - Aug 29, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 00572566

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:00 AM - 09:00 AM	60.1	77.1	53.8
09:00 AM - 10:00 AM	57.2	73.9	54.7
10:00 AM - 11:00 AM	60.9	76.7	55.3
11:00 AM - 12:00 PM	57.1	73.7	53.2
12:00 PM - 01:00 PM	54.5	71.3	51.7
01:00 PM - 02:00 PM	55.6	75.0	52.0
02:00 PM - 03:00 PM	57.3	74.2	53.2
03:00 PM - 04:00 PM	57.3	76.3	53.6
04:00 PM - 05:00 PM	60.5	73.6	55.6
05:00 PM - 06:00 PM	57.6	72.6	54.8
06:00 PM - 07:00 PM	55.1	69.1	53.0
07:00 PM - 08:00 PM	55.8	71.6	53.8
08:00 PM - 09:00 PM	56.9	65.8	55.6
09:00 PM - 10:00 PM	54.9	77.9	52.3
10:00 PM - 10:05 PM	59.8	66.0	57.9
10:05 PM - 10:10 PM	59.5	78.9	55.2
10:10 PM - 10:15 PM	57.9	68.5	55.5
10:15 PM - 10:20 PM	57.4	66.5	54.9
10:20 PM - 10:25 PM	54.5	65.0	52.2
10:25 PM - 10:30 PM	53.8	59.4	52.2
10:30 PM - 10:35 PM	53.5	63.4	50.9
10:35 PM - 10:40 PM	53.0	68.6	50.5
10:40 PM - 10:45 PM	53.4	62.7	51.4
10:45 PM - 10:50 PM	53.9	61.6	51.8
10:50 PM - 10:55 PM	53.8	58.0	52.1
10:55 PM - 11:00 PM	53.5	61.1	51.4
11:00 PM - 11:05 PM	53.6	61.3	51.4
11:05 PM - 11:10 PM	54.1	62.0	52.2
11:10 PM - 11:15 PM	53.4	63.2	51.8
11:15 PM - 11:20 PM	52.9	58.9	51.1
11:20 PM - 11:25 PM	53.5	62.8	51.2
11:25 PM - 11:30 PM	53.5	64.4	51.5
11:30 PM - 11:35 PM	53.3	61.9	50.8
11:35 PM - 11:40 PM	52.8	63.3	50.7
11:40 PM - 11:45 PM	52.8	65.9	48.6
11:45 PM - 11:50 PM	52.9	60.0	50.9
11:50 PM - 11:55 PM	52.8	56.9	51.2
11:55 PM - 12:00 AM	52.6	56.7	50.7
12:00 AM - 12:05 AM	53.9	61.5	51.8
12:05 AM - 12:10 AM	52.9	58.0	51.1

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RIGHT SOLUTIONS RIGHT PARTNER



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh, Saraburi
Thailand 18260

Lot ID: 2494233
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report No. : 3107848-1

P/O :
Project Name : Saraburi Factory Plant
Project Location :

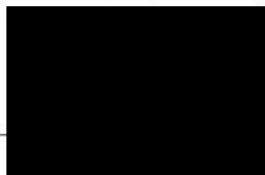
Page 2 of 3

Sample No. 2494233-27
Parameter Noise
Location วัดสนามวัดการาราม (จุดอ้างอิง) (GPS 47P 0719411, 1614715) (Shut down)
Measurement Date Aug 28 - Aug 29, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 00572566

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:10 AM - 12:15 AM	53.2	63.8	50.9
12:15 AM - 12:20 AM	53.4	62.3	51.1
12:20 AM - 12:25 AM	53.3	63.8	50.4
12:25 AM - 12:30 AM	53.9	60.4	50.5
12:30 AM - 12:35 AM	53.3	60.5	51.2
12:35 AM - 12:40 AM	53.7	60.2	51.2
12:40 AM - 12:45 AM	52.2	59.4	48.7
12:45 AM - 12:50 AM	52.0	61.0	49.1
12:50 AM - 12:55 AM	50.9	57.6	47.8
12:55 AM - 01:00 AM	50.5	60.8	46.9
01:00 AM - 01:05 AM	50.3	59.1	47.4
01:05 AM - 01:10 AM	52.0	64.0	47.5
01:10 AM - 01:15 AM	51.3	61.4	47.2
01:15 AM - 01:20 AM	50.9	58.4	47.6
01:20 AM - 01:25 AM	52.4	62.3	47.8
01:25 AM - 01:30 AM	51.6	61.7	48.1
01:30 AM - 01:35 AM	51.0	64.1	48.1
01:35 AM - 01:40 AM	50.6	59.6	47.3
01:40 AM - 01:45 AM	50.3	60.6	45.6
01:45 AM - 01:50 AM	50.8	58.7	47.3
01:50 AM - 01:55 AM	49.9	58.8	46.6
01:55 AM - 02:00 AM	49.6	55.0	46.4
02:00 AM - 02:05 AM	49.7	56.0	47.2
02:05 AM - 02:10 AM	51.1	58.4	47.9
02:10 AM - 02:15 AM	51.2	60.9	46.8
02:15 AM - 02:20 AM	52.0	62.5	48.7
02:20 AM - 02:25 AM	50.2	61.5	45.8
02:25 AM - 02:30 AM	50.5	57.0	47.7
02:30 AM - 02:35 AM	50.1	57.7	45.8
02:35 AM - 02:40 AM	48.9	54.6	45.2
02:40 AM - 02:45 AM	52.6	67.3	48.0
02:45 AM - 02:50 AM	49.7	57.2	47.2
02:50 AM - 02:55 AM	52.9	65.0	49.2
02:55 AM - 03:00 AM	50.4	66.0	47.5
03:00 AM - 03:05 AM	50.0	60.2	46.4
03:05 AM - 03:10 AM	49.7	57.2	47.2
03:10 AM - 03:15 AM	52.6	62.8	48.4
03:15 AM - 03:20 AM	50.2	61.2	46.8
03:20 AM - 03:25 AM	51.8	63.7	49.2
03:25 AM - 03:30 AM	52.8	62.8	48.6

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 : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh, Saraburi
Thailand 18260

Lot ID: 2494233
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report No. : 3107848-1

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Page 3 of 3

Sample No. 2494233-27
Parameter Noise
Location วัดสนามวัดการาราม (จุดอ้างอิง) (GPS 47P 0719411, 1614715) (Shut down)
Measurement Date Aug 28 - Aug 29, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 00572566

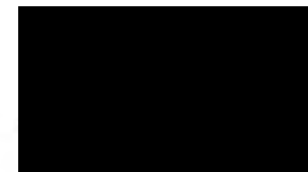
Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:30 AM - 03:35 AM	50.1	55.6	47.4
03:35 AM - 03:40 AM	49.3	56.3	47.1
03:40 AM - 03:45 AM	50.2	55.9	47.5
03:45 AM - 03:50 AM	50.1	58.0	47.7
03:50 AM - 03:55 AM	50.5	55.3	48.6
03:55 AM - 04:00 AM	51.4	61.4	48.8
04:00 AM - 04:05 AM	50.8	58.5	49.2
04:05 AM - 04:10 AM	50.2	55.1	47.8
04:10 AM - 04:15 AM	50.9	56.9	49.0
04:15 AM - 04:20 AM	54.1	65.3	49.3
04:20 AM - 04:25 AM	50.9	57.4	49.3
04:25 AM - 04:30 AM	51.1	59.3	48.1
04:30 AM - 04:35 AM	56.5	64.9	48.4
04:35 AM - 04:40 AM	60.5	67.8	56.2
04:40 AM - 04:45 AM	60.4	65.7	56.9
04:45 AM - 04:50 AM	60.8	66.0	57.5
04:50 AM - 04:55 AM	61.1	68.2	58.4
04:55 AM - 05:00 AM	61.6	68.3	58.7
05:00 AM - 05:05 AM	62.1	68.1	58.6
05:05 AM - 05:10 AM	62.0	67.4	57.2
05:10 AM - 05:15 AM	61.7	67.5	58.1
05:15 AM - 05:20 AM	59.4	65.3	55.2
05:20 AM - 05:25 AM	56.3	62.2	51.9
05:25 AM - 05:30 AM	52.6	59.5	50.9
05:30 AM - 05:35 AM	53.6	67.1	50.8
05:35 AM - 05:40 AM	53.3	60.1	50.9
05:40 AM - 05:45 AM	54.3	61.7	51.8
05:45 AM - 05:50 AM	53.6	61.2	51.2
05:50 AM - 05:55 AM	54.8	67.2	50.9
05:55 AM - 06:00 AM	54.9	67.4	51.9
06:00 AM - 07:00 AM	55.7	73.8	52.7
07:00 AM - 08:00 AM	59.0	78.2	54.6

Reference Method :

- In-house method : STM 06-001 based on ISO 1996-1 : 2016
- ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงการกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2567

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

Lot ID: 2494233
Date Received :Sep 04, 2024
Date Reported :Sep 11, 2024
Report No. : 3107849-1

P/O :
Project Name : Saraburi Factory Plant
Project Location :

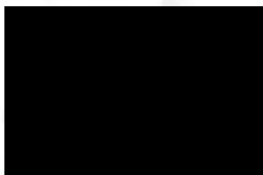
Page 1 of 3

Sample No. 2494233-28
Parameter Noise
Location วัดสนามวัดวังธาราม (จุดอ้างอิง) (GPS 47P 0719411, 1614715) (Shut down)
Measurement Date Aug 29 - Aug 30, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 00572566

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:00 AM - 09:00 AM	58.9	73.5	54.7
09:00 AM - 10:00 AM	60.0	72.9	56.0
10:00 AM - 11:00 AM	57.5	85.1	55.3
11:00 AM - 12:00 PM	59.8	74.7	55.1
12:00 PM - 01:00 PM	56.5	74.5	54.1
01:00 PM - 02:00 PM	57.9	84.3	55.1
02:00 PM - 03:00 PM	58.7	70.1	56.7
03:00 PM - 04:00 PM	61.2	75.8	56.5
04:00 PM - 05:00 PM	61.0	79.1	57.1
05:00 PM - 06:00 PM	58.3	78.8	56.0
06:00 PM - 07:00 PM	55.5	68.6	53.1
07:00 PM - 08:00 PM	54.0	65.8	52.1
08:00 PM - 09:00 PM	54.0	74.9	50.7
09:00 PM - 10:00 PM	52.8	70.3	50.5
10:00 PM - 10:05 PM	52.0	71.2	49.9
10:05 PM - 10:10 PM	52.5	57.4	50.2
10:10 PM - 10:15 PM	51.1	58.3	48.7
10:15 PM - 10:20 PM	52.6	59.7	50.3
10:20 PM - 10:25 PM	56.1	64.6	54.2
10:25 PM - 10:30 PM	57.4	66.3	54.8
10:30 PM - 10:35 PM	56.8	63.8	54.8
10:35 PM - 10:40 PM	57.2	67.9	54.5
10:40 PM - 10:45 PM	59.6	64.7	58.6
10:45 PM - 10:50 PM	59.4	64.6	57.8
10:50 PM - 10:55 PM	63.9	73.4	58.1
10:55 PM - 11:00 PM	64.3	70.7	60.8
11:00 PM - 11:05 PM	62.4	66.3	59.2
11:05 PM - 11:10 PM	60.1	63.7	58.9
11:10 PM - 11:15 PM	61.6	69.6	59.7
11:15 PM - 11:20 PM	67.8	76.2	64.0
11:20 PM - 11:25 PM	57.3	74.5	54.2
11:25 PM - 11:30 PM	55.7	63.4	52.8
11:30 PM - 11:35 PM	55.6	64.9	53.2
11:35 PM - 11:40 PM	56.6	65.6	53.5
11:40 PM - 11:45 PM	57.2	68.7	53.3
11:45 PM - 11:50 PM	59.6	72.8	53.6
11:50 PM - 11:55 PM	57.0	72.4	53.9
11:55 PM - 12:00 AM	57.0	68.6	53.5
12:00 AM - 12:05 AM	59.7	72.5	54.6
12:05 AM - 12:10 AM	58.8	71.7	54.1

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

Lot ID: 2494233
Date Received :Sep 04, 2024
Date Reported :Sep 11, 2024
Report No. : 3107849-1

P/O :
Project Name : Saraburi Factory Plant
Project Location :

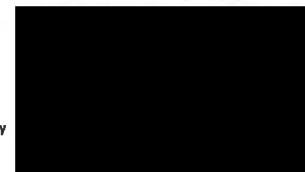
Page 2 of 3

Sample No. 2494233-28
Parameter Noise
Location วัดสนามวัดวังธาราม (จุดอ้างอิง) (GPS 47P 0719411, 1614715) (Shut down)
Measurement Date Aug 29 - Aug 30, 2024
Measurement by Prommee Sripatnet
Sound Level Meter 00572566

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:10 AM - 12:15 AM	58.3	68.5	54.4
12:15 AM - 12:20 AM	55.8	64.3	53.9
12:20 AM - 12:25 AM	55.2	60.7	53.5
12:25 AM - 12:30 AM	55.9	64.5	53.7
12:30 AM - 12:35 AM	57.6	67.5	53.9
12:35 AM - 12:40 AM	54.9	68.7	52.4
12:40 AM - 12:45 AM	58.3	71.3	54.1
12:45 AM - 12:50 AM	58.9	71.1	52.3
12:50 AM - 12:55 AM	56.8	72.9	53.1
12:55 AM - 01:00 AM	55.8	64.9	53.3
01:00 AM - 01:05 AM	57.6	72.2	53.4
01:05 AM - 01:10 AM	54.7	64.7	51.8
01:10 AM - 01:15 AM	54.6	61.1	52.2
01:15 AM - 01:20 AM	54.7	68.2	51.9
01:20 AM - 01:25 AM	56.6	72.8	53.2
01:25 AM - 01:30 AM	54.6	62.0	52.6
01:30 AM - 01:35 AM	55.8	65.1	53.5
01:35 AM - 01:40 AM	56.9	65.1	55.0
01:40 AM - 01:45 AM	56.0	64.8	53.7
01:45 AM - 01:50 AM	55.5	68.8	53.1
01:50 AM - 01:55 AM	56.3	70.3	54.1
01:55 AM - 02:00 AM	54.3	61.9	52.4
02:00 AM - 02:05 AM	56.1	67.8	53.6
02:05 AM - 02:10 AM	54.7	65.7	52.7
02:10 AM - 02:15 AM	56.0	65.9	52.7
02:15 AM - 02:20 AM	57.4	66.3	53.5
02:20 AM - 02:25 AM	56.0	66.2	53.0
02:25 AM - 02:30 AM	54.5	59.3	52.8
02:30 AM - 02:35 AM	56.0	65.4	52.7
02:35 AM - 02:40 AM	56.8	65.9	53.9
02:40 AM - 02:45 AM	56.1	70.4	52.4
02:45 AM - 02:50 AM	57.9	69.8	53.0
02:50 AM - 02:55 AM	55.0	63.7	52.6
02:55 AM - 03:00 AM	54.1	58.7	52.5
03:00 AM - 03:05 AM	53.4	61.3	51.8
03:05 AM - 03:10 AM	58.2	66.6	56.0
03:10 AM - 03:15 AM	57.1	61.5	55.3
03:15 AM - 03:20 AM	56.4	60.7	54.3
03:20 AM - 03:25 AM	56.0	62.4	54.2
03:25 AM - 03:30 AM	55.6	62.3	53.5

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ASST. General Manager

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh, Saraburi
Thailand 18260

Lot ID: 2494233
Date Received : Sep 04, 2024
Date Reported : Sep 11, 2024
Report No. : 3107849-1

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Page 3 of 3

Sample No. 2494233-28
Parameter Noise
Location วัดสถานีวัดราราม (จุดอ้างอิง) (GPS 47P 0719411, 1614715) (Shut down)
Measurement Date Aug 29 - Aug 30, 2024
Measurement by Promeetee Sripatnet
Sound Level Meter 00572566

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:30 AM - 03:35 AM	57.2	61.0	53.9
03:35 AM - 03:40 AM	59.1	63.5	57.1
03:40 AM - 03:45 AM	59.5	62.3	57.8
03:45 AM - 03:50 AM	59.6	62.5	57.8
03:50 AM - 03:55 AM	59.4	63.9	57.7
03:55 AM - 04:00 AM	59.9	67.8	58.3
04:00 AM - 04:05 AM	58.9	62.0	57.5
04:05 AM - 04:10 AM	58.2	60.9	56.8
04:10 AM - 04:15 AM	57.3	59.9	55.6
04:15 AM - 04:20 AM	58.6	61.4	57.3
04:20 AM - 04:25 AM	59.3	64.3	58.1
04:25 AM - 04:30 AM	59.7	65.0	58.2
04:30 AM - 04:35 AM	59.0	62.1	57.9
04:35 AM - 04:40 AM	58.4	64.2	56.9
04:40 AM - 04:45 AM	58.5	61.4	57.1
04:45 AM - 04:50 AM	59.2	65.3	57.8
04:50 AM - 04:55 AM	60.2	67.5	58.1
04:55 AM - 05:00 AM	60.5	68.5	58.0
05:00 AM - 05:05 AM	60.0	67.2	57.7
05:05 AM - 05:10 AM	59.0	64.6	58.0
05:10 AM - 05:15 AM	58.9	71.7	57.4
05:15 AM - 05:20 AM	55.9	67.3	52.8
05:20 AM - 05:25 AM	55.7	64.2	53.8
05:25 AM - 05:30 AM	56.9	68.0	54.0
05:30 AM - 05:35 AM	56.5	64.2	51.9
05:35 AM - 05:40 AM	57.0	71.1	53.1
05:40 AM - 05:45 AM	56.3	65.4	53.5
05:45 AM - 05:50 AM	59.3	71.3	52.5
05:50 AM - 05:55 AM	56.9	69.7	52.5
05:55 AM - 06:00 AM	55.4	67.5	52.6
06:00 AM - 07:00 AM	58.7	81.1	53.5
07:00 AM - 08:00 AM	61.0	81.8	55.6

Reference Method :

1. In-house method : STM 06-001 based on ISO 1996-1 : 2016
2. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงการรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดขึ้นจากการประกอบกิจการโรงงาน พ.ศ. 2567

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
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Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2472454
Date Received :Jul 15, 2024
Date Reported :Jul 20, 2024
Report Number :3034270-1

Page 1 of 4

Sample Number 2472454-1
Sampled Date Jul 15, 2024 9:40 AM
Sample Description น้ำฝน
Location วัดพันอกรัง
Date Analysis Commenced Jul 16, 2024
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						
Conductivity at 25 degree C	micromhos/cm	-	0.5	14	Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2510 B	Bangkok
pH at 25 degree C	-	-	-	6.8	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Bangkok
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	<5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Bangkok
Total Hardness as CaCO3	mg/L	-	1	3	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2340 C	Bangkok
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	<5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Bangkok
Turbidity	NTU	-	0.1	0.90	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2130 B	Bangkok

Sampling By : Teerawat Puangsuk

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

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2472454
Date Received :Jul 15, 2024
Date Reported :Jul 20, 2024
Report Number :3034270-1

Page 2 of 4

Sample Number 2472454-2
Sampled Date Jul 15, 2024 10:25 AM
Sample Description น้ำฝน
Location บ้านสระพาด
Date Analysis Commenced Jul 16, 2024
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						
Conductivity at 25 degree C	micromhos/cm	-	0.5	14	Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2510 B	Bangkok
pH at 25 degree C	-	-	-	6.9	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Bangkok
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	<5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Bangkok
Total Hardness as CaCO3	mg/L	-	1	1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2340 C	Bangkok
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	<5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Bangkok
Turbidity	NTU	-	0.1	0.75	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2130 B	Bangkok

Sampling By : Teerawat Puangsuk

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :

Project Name : Saraburi Factory Plant

Project Location :

Lot ID: 2472454

Date Received :Jul 15, 2024

Date Reported :Jul 20, 2024

Report Number :3034270-1

Page 3 of 4

Sample Number 2472454-3
Sampled Date Jul 15, 2024 10:10 AM
Sample Description น้ำฝน
Location บ้านหินกอง
Date Analysis Commenced Jul 16, 2024
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						
Conductivity at 25 degree C	micromhos/cm	-	0.5	24	Based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 2510 B	Bangkok
pH at 25 degree C		-	-	7.1	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Bangkok
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	9	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Bangkok
Total Hardness as CaCO3	mg/L	-	1	8	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 2340 C	Bangkok
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	<5	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Bangkok
Turbidity	NTU	-	0.1	0.95	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 2130 B	Bangkok

Sampling By : Teerawat Puangsuk

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
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Thailand 18260

P/O :

Project Name : Saraburi Factory Plant

Project Location :

Lot ID: 2472454

Date Received :Jul 15, 2024

Date Reported :Jul 20, 2024

Report Number :3034270-1

Page 4 of 4

Sample Number 2472454-4
Sampled Date Jul 15, 2024 9:55 AM
Sample Description น้ำฝน
Location บ้านหาเสด็จ
Date Analysis Commenced Jul 16, 2024
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						
Conductivity at 25 degree C	micromhos/cm	-	0.5	37	Based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 2510 B	Bangkok
pH at 25 degree C		-	-	7.8	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Bangkok
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	15	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Bangkok
Total Hardness as CaCO3	mg/L	-	1	14	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 2340 C	Bangkok
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	<5	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Bangkok
Turbidity	NTU	-	0.1	1.3	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 2130 B	Bangkok

Sampling By : Teerawat Puangsuk

Remark :

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คุณภาพน้ำทิ้ง



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :

Project Name : Saraburi Factory Plant

Project Location :



TESTING
No.0009
Lot ID: 2491600
Date Received : Aug 08, 2024
Date Reported : Aug 13, 2024
Report Number : 3078510-1

Page 1 of 1

Sample Number	2491600-1						
Sampled Date	Aug 07, 2024 10:30 AM						
Sample Description	ถังพักน้ำทิ้งจากระบบบำบัดน้ำเสีย โรงงาน 3 (Demineralized water Plant 3)						
Date Analysis Commenced	Aug 09, 2024						
Condition of Sample	Contained in one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Conductivity at 25 degree C *	micromhos/cm	-	0.5	1215	No Standard	Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2510 B	Bangkok
pH at 25 degree C	-	-	-	8.1	5.5-9.0	In-house method : STM 04-003 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Bangkok

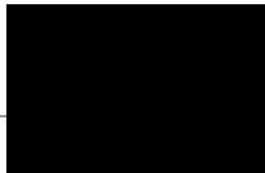
Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Sampling By : Teerawat Puangsuk

Remark :

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

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
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Thailand 18260

P/O :

Project Name : Saraburi Factory Plant

Project Location :

Lot ID: 2491736

Date Received : Sep 02, 2024

Date Reported : Sep 05, 2024

Report Number : 3099307-1

Page 1 of 1

Sample Number	2491736-1						
Sampled Date	Sep 02, 2024 10:40 AM						
Sample Description	น้ำทิ้งจากระบบบำบัดน้ำเสีย / น้ำปราศจากแร่ธาตุ						
Location	ถังพักน้ำทิ้งจากระบบบำบัดน้ำเสีย โรงงาน 3 (Demineralized water Plant 3)						
Date Analysis Commenced	Sep 03, 2024						
Condition of Sample	Contained in one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						

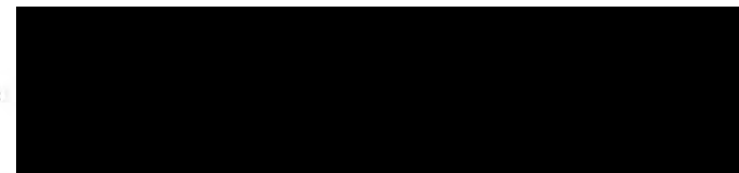
Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Water Testing						
pH at 25 degree C	-	-	-	7.9	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Bangkok

Sampling By : Teerawat Puangsuk โทรเลขที่ 2-204-2-0058

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
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Thailand 18260

P/O :

Project Name : Saraburi Factory Plant

Project Location :

Lot ID: 2491736

Date Received : Sep 02, 2024

Date Reported : Sep 05, 2024

Report Number : 3099307-2

Page 1 of 1

Sample Number 2491736-1
Sampled Date Sep 02, 2024 10:40 AM
Sample Description น้ำทิ้งจากระบบบำบัดประจุคุณภาพน้ำอ่อน / น้ำปราศจากแร่ธาตุ
Location ตั้งพักน้ำทิ้งจากระบบบำบัดประจุคุณภาพน้ำอ่อน โรงงาน 3 (Demineralized water Plant 3)
Date Analysis Commenced Sep 03, 2024
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						
Conductivity at 25 degree C	micromhos/cm	-	0.5	1135	Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2510 B	Bangkok

Sampling By : Teerawat Puangsuk

Remark :

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
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Thailand 18260

P/O : 4100119854

Project Name : Saraburi Factory Plant

Project Location :



TESTING

No.0009

Lot ID: 24109719

Date Received : Oct 01, 2024

Date Reported : Oct 04, 2024

Report Number : 3118606-1

Page 1 of 1

Sample Number 24109719-1
Sampled Date Oct 01, 2024 10:12 AM
Sample Description น้ำทิ้งจากระบบบำบัดประจุคุณภาพน้ำอ่อน / น้ำปราศจากแร่ธาตุ
Location ตั้งพักน้ำทิ้งจากระบบบำบัดประจุคุณภาพน้ำอ่อน โรงงาน 3 (Demineralized water Plant 3)
Date Analysis Commenced Oct 02, 2024
Condition of Sample Contained in one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
pH at 25 degree C		-	-	7.8	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Bangkok

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

Sampling By : Teerawat Puangsuk ทะเบียนเลขที่ 7-204-2-0058

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

Technical Management

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
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Thailand 18260
P/O : 4100119854
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 24109719
Date Received : Oct 01, 2024
Date Reported : Oct 04, 2024
Report Number : 3118606-2

Page 1 of 1

Sample Number	24109719-1
Sampled Date	Oct 01, 2024 10:12 AM
Sample Description	น้ำทิ้งจากระบบปรับปรุงคุณภาพน้ำผิวน้ำ / น้ำปราศจากแร่ธาตุ
Location	ถังพักน้ำทิ้งจากระบบปรับปรุงคุณภาพน้ำผิวน้ำ โรงงาน 3 (Demineralized water Plant 3)
Date Analysis Commenced	Oct 02, 2024
Condition of Sample	Contained in one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Conductivity at 25 degree C	micromhos/cm	-	0.5	1115	No Standard	Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2510 B	Bangkok

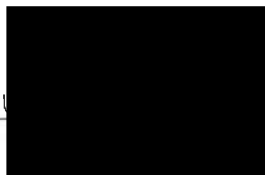
Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Sampling By : Teerawat Puangsuk

Remark :
- LOD : Limit of Detection
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Analysis / Test Report

Client : Siam City Cement Public Company Limited
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Thailand 18260
P/O : 4100119854
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 24121299
Date Received : Nov 06, 2024
Date Reported : Nov 08, 2024
Report Number : 3145229-1

Page 1 of 1

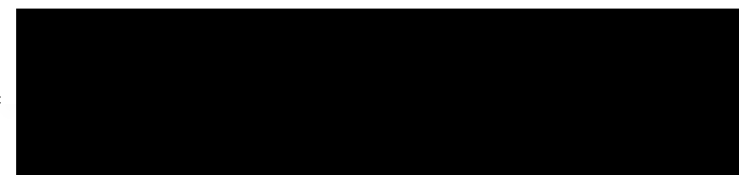
Sample Number	24121299-1
Sampled Date	Nov 05, 2024 10:48 AM
Sample Description	น้ำทิ้งจากระบบปรับปรุงคุณภาพน้ำผิวน้ำ / น้ำปราศจากแร่ธาตุ
Location	ถังพักน้ำทิ้งจากระบบปรับปรุงคุณภาพน้ำผิวน้ำ โรงงาน 3 (Demineralized water Plant 3)
Date Analysis Commenced	Nov 07, 2024
Condition of Sample	Contained in one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Water Testing						
pH at 25 degree C		-	-	7.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Bangkok

Sampling By : Teerawat Puangsuk ทะเบียนเลขที่ 7-204-3-0058

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Analysis / Test Report

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Thailand 18260
P/O : 4100119854
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 24121299
Date Received :Nov 06, 2024
Date Reported :Nov 08, 2024
Report Number :3145229-2

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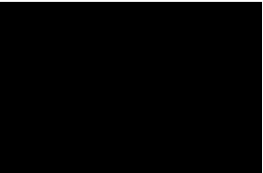
Sample Number	24121299-1					
Sampled Date	Nov 05, 2024 10:48 AM					
Sample Description	น้ำทิ้งจากระบบบำบัดประจุคุณภาพน้ำอ่อน / น้ำปราศจากแร่ธาตุ					
Location	ถังพักน้ำทิ้งจากระบบบำบัดประจุคุณภาพน้ำอ่อน โรงงาน 3 (Demineralized water Plant 3)					
Date Analysis Commenced	Nov 07, 2024					
Condition 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						
Conductivity at 25 degree C	micromhos/cm	-	0.5	726	Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2510 B	Bangkok

Sampling By : Teerawat Puangsuk

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

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhol, Saraburi
Thailand 18260
P/O : 4100119854
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 24129549
Date Received :Dec 11, 2024
Date Reported :Dec 13, 2024
Report Number :3164568-2

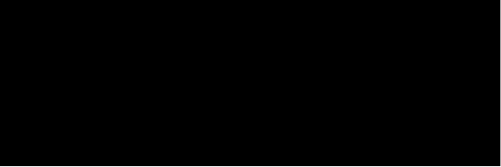
Page 1 of 1

Sample Number	24129549-1					
Sampled Date	Dec 11, 2024 10:55 AM					
Sample Description	น้ำทิ้งจากระบบบำบัดประจุคุณภาพน้ำอ่อน / น้ำปราศจากแร่ธาตุ					
Location	ถังพักน้ำทิ้งจากระบบบำบัดประจุคุณภาพน้ำอ่อน โรงงาน 3 (Demineralized water Plant 3)					
Date Analysis Commenced	Dec 12, 2024					
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						
Conductivity at 25 degree C	micromhos/cm	-	0.5	713	Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2510 B	Bangkok

Sampling By : Teerawat Puangsuk

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

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260
P/O : 4100119854
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 24129549
Date Received :Dec 11, 2024
Date Reported :Dec 13, 2024
Report Number :3164568-1



TESTING
No.0009

Page 1 of 1

Sample Number	24129549-1
Sampled Date	Dec 11, 2024 10:55 AM
Sample Description	น้ำทิ้งจากกระบวนการผลิตปูนซีเมนต์ / น้ำประปาจากโรงน้ำ
Location	ถังพักน้ำทิ้งจากกระบวนการผลิตปูนซีเมนต์ โรงงาน 3 (Deminerlized water Plant 3)
Date Analysis Commenced	Dec 12, 2024
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						
pH at 25 degree C		-	-	7.6	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Bangkok

Sampling By : Teerawat Puangsuk ทะเบียนเลขที่ ว-204-จ-0058

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Technical Management

ทะเบียนเลขที่ ว-204-จ-0013

ทะเบียนเลขที่ ว-204-จ-0004

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Client : Siam City Cement Public Company Limited
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Thailand 18260
P/O :
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 2472467
Date Received :Jul 09, 2024
Date Reported :Jul 16, 2024
Report Number :3056683-1



TESTING
No.0009

Page 1 of 1

Sample Number	2472467-3
Sampled Date	Jul 09, 2024 10:40 AM
Sample Description	น้ำทิ้งจากการผลิตปูนซีเมนต์
Location	อาคารควบคุมกลาง โรงงาน 2 (CCR building Plant 2)
Date Analysis Commenced	Jul 10, 2024
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	Method	Testing Location
Water Testing						
BOD (5 days at 20 degree C)	mg/L	-	2.0	18.8	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Bangkok
COD	mg/L	-	25	74	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5220 D	Bangkok
Oil & Grease *	mg/L	-	3	<3	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5220 B	Bangkok
pH at 25 degree C *		-	-	7.8	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Bangkok
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	23	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Bangkok

Sampling By : Teerawat Puangsuk ทะเบียนเลขที่ ว-204-จ-0058

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ทะเบียนเลขที่ ว-204-จ-0013

ทะเบียนเลขที่ ว-204-จ-0004

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :

Project Name : Saraburi Factory Plant

Project Location :



TESTING
No.0009

Lot ID: 2472467

Date Received :Jul 09, 2024

Date Reported :Jul 16, 2024

Report Number :3056684-1

Page 1 of 1

Sample Number	2472467-4
Sampled Date	Jul 09, 2024 10:50 AM
Sample Description	น้ำทิ้งจากการผลิตคอนกรีต
Location	อาคารซ่อมบำรุง โรงงาน 2 (Workshop Plant 2)
Date Analysis Commenced	Jul 10, 2024
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	Method	Testing Location
Water Testing						
BOD (5 days at 20 degree C)	mg/L	-	2.0	19.6	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Bangkok
COD	mg/L	-	25	111	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 5220 D	Bangkok
Oil & Grease *	mg/L	-	3	<3	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Bangkok
pH at 25 degree C *		-	-	7.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Bangkok
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	25	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Bangkok

Sampling By : Teerawat Puangsuk ทะเบียนเลขที่ 7-204-จ-0058

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ทะเบียนเลขที่ 7-204-จ-0004

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :

Project Name : Saraburi Factory Plant

Project Location :



TESTING
No.0009

Lot ID: 2472467

Date Received :Jul 09, 2024

Date Reported :Jul 16, 2024

Report Number :3056685-1

Page 1 of 1

Sample Number	2472467-5
Sampled Date	Jul 09, 2024 9:50 AM
Sample Description	น้ำทิ้งจากการผลิตคอนกรีต
Location	อาคารควบคุมกลาง โรงงาน 3 (CCR building Plant 3)
Date Analysis Commenced	Jul 10, 2024
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	Method	Testing Location
Water Testing						
BOD (5 days at 20 degree C)	mg/L	-	2.0	17.2	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Bangkok
COD	mg/L	-	25	80	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 5220 D	Bangkok
Oil & Grease *	mg/L	-	3	<3	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Bangkok
pH at 25 degree C *		-	-	7.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Bangkok
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	16	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Bangkok

Sampling By : Teerawat Puangsuk ทะเบียนเลขที่ 7-204-จ-0058

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :



TESTING
No.0009

Lot ID: 2472467
Date Received :Jul 09, 2024
Date Reported :Jul 16, 2024
Report Number :3056696-1

Page 1 of 1

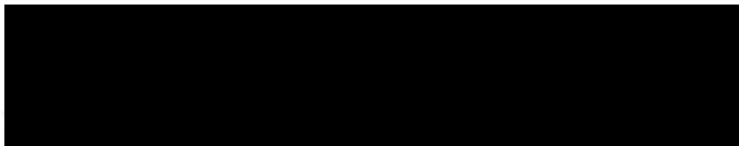
Sample Number	2472467-6					
Sampled Date	Jul 09, 2024 9:40 AM					
Sample Description	น้ำทิ้งจากการอุปโภคบริโภค					
Location	อาคารแผนผัง โรงงาน 3 (Workshop Plant 3)					
Date Analysis Commenced	Jul 10, 2024					
Condition of Sample	Contained in one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)					

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Water Testing						
BOD (5 days at 20 degree C)	mg/L	-	2.0	19.2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Bangkok
COD	mg/L	-	25	103	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5220 D	Bangkok
Oil & Grease *	mg/L	-	3	<3	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Bangkok
pH at 25 degree C *		-	-	7.8	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Bangkok
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	28	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Bangkok

Sampling By : Teerawat Puangsuk ทะเบียนเลขที่ ว-204-จ-0058

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :



TESTING
No.0009

Lot ID: 2482172
Date Received :Aug 07, 2024
Date Reported :Aug 16, 2024
Report Number :3084699-1

Page 1 of 1

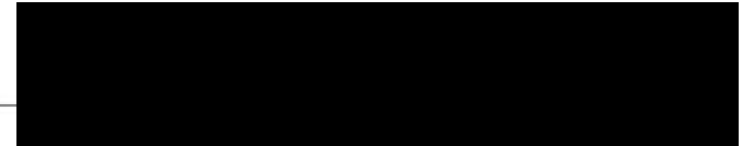
Sample Number	2482172-3					
Sampled Date	Aug 07, 2024 8:55 AM					
Sample Description	น้ำทิ้งจากการอุปโภคบริโภค					
Location	อาคารควบคุมกลาง โรงงาน 2 (CCR building Plant 2)					
Date Analysis Commenced	Aug 08, 2024					
Condition of Sample	Contained in one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)					

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Water Testing						
BOD (5 days at 20 degree C)	mg/L	-	2.0	4.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Bangkok
COD	mg/L	-	25	28	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5220 D	Bangkok
Oil & Grease *	mg/L	-	3	<3	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Bangkok
pH at 25 degree C *		-	-	8.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Bangkok
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	14	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Bangkok

Sampling By : Teerawat Puangsuk ทะเบียนเลขที่ ว-204-จ-0058

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ทะเบียนเลขที่ ว-204-จ-0013

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
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Thailand 18260

P/O :

Project Name : Saraburi Factory Plant

Project Location :



TESTING
No.0009

Lot ID: 2482172

Date Received :Aug 07, 2024

Date Reported :Aug 16, 2024

Report Number :3084700-1

Page 1 of 1

Sample Number	2482172-4
Sampled Date	Aug 07, 2024 9:20 AM
Sample Description	น้ำทิ้งจากการอุปโภคบริโภค
Location	อาคารขบวนบำรุง โรงงาน 2 (Workshop Plant 2)
Date Analysis Commenced	Aug 08, 2024
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	Method	Testing Location
Water Testing						
BOD (5 days at 20 degree C)	mg/L	-	2.0	4.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Bangkok
COD	mg/L	-	25	35	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5220 D	Bangkok
Oil & Grease *	mg/L	-	3	<3	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Bangkok
pH at 25 degree C *		-	-	8.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Bangkok
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	9	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Bangkok

Sampling By : Teerawat Puangsuk ทะเบียนเลขที่ 7-204-จ-0058

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Technical Management

ทะเบียนเลขที่ 7-204-จ-0013

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
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Thailand 18260

P/O :

Project Name : Saraburi Factory Plant

Project Location :



TESTING
No.0009

Lot ID: 2482172

Date Received :Aug 07, 2024

Date Reported :Aug 16, 2024

Report Number :3084701-1

Page 1 of 1

Sample Number	2482172-5
Sampled Date	Aug 07, 2024 10:35 AM
Sample Description	น้ำทิ้งจากการอุปโภคบริโภค
Location	อาคารควบคุมกลาง โรงงาน 3 (CCR building Plant 3)
Date Analysis Commenced	Aug 08, 2024
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	Method	Testing Location
Water Testing						
BOD (5 days at 20 degree C)	mg/L	-	2.0	2.3	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Bangkok
COD	mg/L	-	25	<25	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5220 D	Bangkok
Oil & Grease *	mg/L	-	3	<3	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Bangkok
pH at 25 degree C *		-	-	7.8	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Bangkok
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	<5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Bangkok

Sampling By : Teerawat Puangsuk ทะเบียนเลขที่ 7-204-จ-0058

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Technical Management

ทะเบียนเลขที่ 7-204-จ-0013

ทะเบียนเลขที่ 7-204-จ-0004

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Analysis / Test Report



TESTING
No.0009

Lot ID: 2482172

Date Received :Aug 07, 2024
Date Reported :Aug 16, 2024
Report Number :3084702-1

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Sample Number	2482172-6
Sample Date	Aug 07, 2024 10:20 AM
Sample Description	น้ำทิ้งจากการอุปโภคบริโภค
Location	อาคารควบคุมร่าง โรงงาน 3 (Workshop Plant 3)
Date Analysis Commenced	Aug 08, 2024
Condition of Sample	Contained in one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Page 1 of 1

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Water Testing						
BOD (5 days at 20 degree C)	mg/L	-	2.0	3.5	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Bangkok
COD	mg/L	-	25	<25	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 5220 D	Bangkok
Oil & Grease *	mg/L	-	3	<3	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Bangkok
pH at 25 degree C *		-	-	7.6	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Bangkok
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	12	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Bangkok

Sampling By : Teerawat Puangsuk ทะเบียนเลขที่ 7-204-จ-0058

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Technical Management

ทะเบียนเลขที่ 7-204-จ-0013

ทะเบียนเลขที่ 7-204-จ-0004

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Analysis / Test Report



TESTING
No.0009

Lot ID: 2488665

Date Received :Sep 02, 2024
Date Reported :Sep 09, 2024
Report Number :3105500-1

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

Sample Number	2488665-3
Sample Date	Sep 02, 2024 9:30 AM
Sample Description	น้ำทิ้งจากการอุปโภคบริโภค
Location	อาคารควบคุมร่าง โรงงาน 2 (CCR building Plant 2)
Date Analysis Commenced	Sep 03, 2024
Condition of Sample	Contained in three plastic bottles and one amber glass bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Page 1 of 1

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Water Testing						
BOD (5 days at 20 degree C)	mg/L	-	2.0	6.3	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Bangkok
COD	mg/L	-	25	51	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 5220 D	Bangkok
Oil & Grease *	mg/L	-	3	<3	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Bangkok
pH at 25 degree C *		-	-	8.1	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Bangkok
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	43	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Bangkok

Sampling By : Teerawat Puangsuk ทะเบียนเลขที่ 7-204-จ-0058

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Technical Management

ทะเบียนเลขที่ 7-204-จ-0013

ทะเบียนเลขที่ 7-204-จ-0004

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :

Project Name : Saraburi Factory Plant

Project Location :

Sample Number	2488665-4					
Sampled Date	Sep 02, 2024 9:35 AM					
Sample Description	น้ำทิ้งจากการผลิตคอนกรีต					
Location	อาคารซ่อมบำรุง โรงงาน 2 (Workshop Plant 2)					
Date Analysis Commenced	Sep 03, 2024					
Condition of Sample	Contained in three plastic bottles and one amber glass bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)					

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Water Testing						
BOD (5 days at 20 degree C)	mg/L	-	2.0	4.2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Bangkok
COD	mg/L	-	25	49	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5220 D	Bangkok
Oil & Grease *	mg/L	-	3	<3	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Bangkok
pH at 25 degree C *		-	-	8.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Bangkok
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	6	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Bangkok

Sampling By : Teerawat Puangsuk ทะเบียนเลขที่ 7-204-จ-0058

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TESTING
No.0009

Lot ID: 2488665

Date Received :Sep 02, 2024

Date Reported :Sep 09, 2024

Report Number :3105501-1

Page 1 of 1



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :

Project Name : Saraburi Factory Plant

Project Location :

Sample Number	2488665-5					
Sampled Date	Sep 02, 2024 10:55 AM					
Sample Description	น้ำทิ้งจากการผลิตคอนกรีต					
Location	อาคารควบคุมกลาง โรงงาน 3 (CCR building Plant 3)					
Date Analysis Commenced	Sep 03, 2024					
Condition of Sample	Contained in three plastic bottles and one amber glass bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)					

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Water Testing						
BOD (5 days at 20 degree C)	mg/L	-	2.0	5.2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Bangkok
COD	mg/L	-	25	43	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5220 D	Bangkok
Oil & Grease *	mg/L	-	3	<3	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Bangkok
pH at 25 degree C *		-	-	7.8	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Bangkok
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	18	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Bangkok

Sampling By : Teerawat Puangsuk ทะเบียนเลขที่ 7-204-จ-0058

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TESTING
No.0009

Lot ID: 2488665

Date Received :Sep 02, 2024

Date Reported :Sep 09, 2024

Report Number :3105502-1

Page 1 of 1

Technical Management

ทะเบียนเลขที่ 7-204-จ-0013

ทะเบียนเลขที่ 7-204-จ-0004

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ทะเบียนเลขที่ 7-204-จ-0013

ทะเบียนเลขที่ 7-204-จ-0004

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TESTING
No.0009

Lot ID: 2488665

Date Received :Sep 02, 2024

Date Reported :Sep 09, 2024

Report Number :3105503-1

Client : Siam City Cement Public Company Limited

99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh, Saraburi
Thailand 18260

P/O :

Project Name : Saraburi Factory Plant

Project Location :

Sample Number	2488665-6					
Sampled Date	Sep 02, 2024 10:35 AM					
Sample Description	น้ำทิ้งจากการปฏิบัติการ					
Location	อาคารซ่อมบำรุง โรงงาน 3 (Workshop Plant 3)					
Date Analysis Commenced	Sep 03, 2024					
Condition of Sample	Contained in three plastic bottles and one amber glass bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)					

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Water Testing						
BOD (5 days at 20 degree C)	mg/L	-	2.0	4.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Bangkok
COD	mg/L	-	25	67	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5220 D	Bangkok
Oil & Grease *	mg/L	-	3	3	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Bangkok
pH at 25 degree C *		-	-	7.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Bangkok
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	19	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Bangkok

Sampling By : Teerawat Puangsuk ทะเบียนเลขที่ 7-204-3-0058

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ทะเบียนเลขที่ 7-204-3-0013

ทะเบียนเลขที่ 7-204-3-0004

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Analysis / Test Report



TESTING
No.0009

Lot ID: 24109720

Date Received :Oct 01, 2024

Date Reported :Oct 08, 2024

Report Number :3132274-1

Client : Siam City Cement Public Company Limited

99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh, Saraburi
Thailand 18260

P/O : 4100119854

Project Name : Saraburi Factory Plant

Project Location :

Sample Number	24109720-3					
Sampled Date	Oct 01, 2024 11:03 AM					
Sample Description	น้ำทิ้งจากการปฏิบัติการ					
Location	อาคารควบคุมกลาง โรงงาน 2 (CCR building Plant 2)					
Date Analysis Commenced	Oct 02, 2024					
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	Method	Testing Location
Water Testing						
BOD (5 days at 20 degree C)	mg/L	-	2.0	6.6	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Bangkok
COD	mg/L	-	25	47	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Bangkok
Oil & Grease	mg/L	-	3	<3	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Bangkok
pH at 25 degree C		-	-	8.2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Bangkok
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	8	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Bangkok

Sampling By : Teerawat Puangsuk ทะเบียนเลขที่ 7-204-3-0058

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Technical Management

ทะเบียนเลขที่ 7-204-3-0013

ทะเบียนเลขที่ 7-204-3-0004

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260
P/O : 4100119854
Project Name : Saraburi Factory Plant
Project Location :



TESTING
No.0009

Lot ID: 24109720
Date Received :Oct 01, 2024
Date Reported :Oct 08, 2024
Report Number :3132275-1

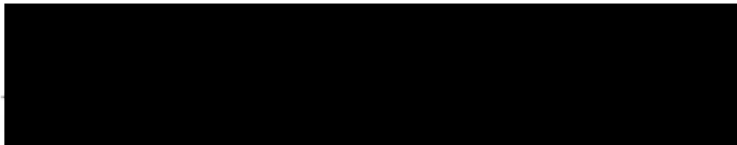
Page 1 of 1

Sample Number	24109720-4					
Sampled Date	Oct 01, 2024 11:07 AM					
Sample Description	น้ำทิ้งจากการผลิตปูนซีเมนต์					
Location	อาคารซ่อมบำรุง โรงงาน 2 (Workshop Plant 2)					
Date Analysis Commenced	Oct 02, 2024					
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	Method	Testing Location
Water Testing						
BOD (5 days at 20 degree C)	mg/L	-	2.0	2.1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Bangkok
COD	mg/L	-	25	28	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Bangkok
Oil & Grease	mg/L	-	3	<3	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Bangkok
pH at 25 degree C		-	-	8.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Bangkok
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	<5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Bangkok

Sampling By : Teerawat Puangsuk ทะเบียนเลขที่ 7-204-จ-0058

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Technical Management



ทะเบียนเลขที่ 7-204-จ-0013

ทะเบียนเลขที่ 7-204-จ-0004

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260
P/O : 4100119854
Project Name : Saraburi Factory Plant
Project Location :



TESTING
No.0009

Lot ID: 24109720
Date Received :Oct 01, 2024
Date Reported :Oct 08, 2024
Report Number :3132276-1

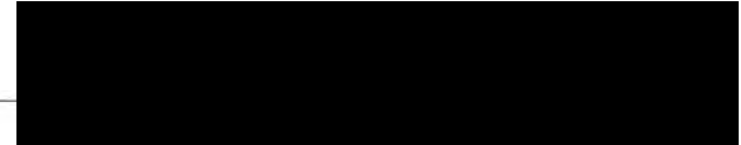
Page 1 of 1

Sample Number	24109720-5					
Sampled Date	Oct 01, 2024 10:27 AM					
Sample Description	น้ำทิ้งจากการผลิตปูนซีเมนต์					
Location	อาคารควบคุมกลาง โรงงาน 3 (CCR building Plant 3)					
Date Analysis Commenced	Oct 02, 2024					
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	Method	Testing Location
Water Testing						
BOD (5 days at 20 degree C)	mg/L	-	2.0	7.2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Bangkok
COD	mg/L	-	25	55	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Bangkok
Oil & Grease	mg/L	-	3	<3	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Bangkok
pH at 25 degree C		-	-	7.7	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Bangkok
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	10	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Bangkok

Sampling By : Teerawat Puangsuk ทะเบียนเลขที่ 7-204-จ-0058

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



ทะเบียนเลขที่ 7-204-จ-0013

ทะเบียนเลขที่ 7-204-จ-0004

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Analysis / Test Report



TESTING
No.0009

Lot ID: 24109720

Date Received :Oct 01, 2024

Date Reported :Oct 08, 2024

Report Number :3132277-1

Client : Siam City Cement Public Company Limited

99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhroi, Saraburi
Thailand 18260

P/O : 4100119854

Project Name : Saraburi Factory Plant

Project Location :

Page 1 of 1

Sample Number	24109720-6					
Sampled Date	Oct 01, 2024 9:53 AM					
Sample Description	น้ำทิ้งจากการอุปโภคบริโภค					
Location	อาคารควบคุมโรงเรือน 3 (Workshop Plant 3)					
Date Analysis Commenced	Oct 02, 2024					
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	Method	Testing Location
Water Testing						
BOD (5 days at 20 degree C)	mg/L	-	2.0	2.8	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Bangkok
COD	mg/L	-	25	27	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Bangkok
Oil & Grease	mg/L	-	3	<3	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Bangkok
pH at 25 degree C		-	-	7.6	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Bangkok
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	<5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Bangkok

Sampling By : Teerawat Puangsuk หมายเลขที่ 7-204-3-0058

Remark :

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Technical Management

หมายเลขที่ 7-204-3-0013

หมายเลขที่ 7-204-3-0004

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Analysis / Test Report



TESTING
No.0009

Lot ID: 24121300

Date Received :Nov 06, 2024

Date Reported :Nov 13, 2024

Report Number :3145241-1

Client : Siam City Cement Public Company Limited

99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhroi, Saraburi
Thailand 18260

P/O : 4100119854

Project Name : Saraburi Factory Plant

Project Location :

Page 1 of 4

Sample Number	24121300-3					
Sampled Date	Nov 05, 2024 9:20 AM					
Sample Description	น้ำทิ้งจากการอุปโภคบริโภค					
Location	อาคารควบคุมกลาง โรงงาน 2 (CCR building Plant 2)					
Date Analysis Commenced	Nov 07, 2024					
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	Method	Testing Location
Water Testing						
BOD (5 days at 20 degree C)	mg/L	-	2.0	4.6	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Bangkok
COD	mg/L	-	25	30	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Bangkok
Oil & Grease	mg/L	-	3	<3	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Bangkok
pH at 25 degree C		-	-	8.1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Bangkok
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	<5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Bangkok

Sampling By : Teerawat Puangsuk หมายเลขที่ 7-204-3-0058

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Technical Management

หมายเลขที่ 7-204-3-0013

หมายเลขที่ 7-204-3-0004

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Analysis / Test Report



TESTING
No.0009

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260
P/O : 4100119854
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 24121300
Date Received :Nov 06, 2024
Date Reported :Nov 13, 2024
Report Number :3145241-1

Page 2 of 4

Sample Number	24121300-4					
Sampled Date	Nov 05, 2024 9:26 AM					
Sample Description	น้ำทิ้งจากการอุปโภคบริโภค					
Location	อาคารพละนาโรง โรงงาน 2 (Workshop Plant 2)					
Date Analysis Commenced	Nov 07, 2024					
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	Method	Testing Location
Water Testing						
BOD (5 days at 20 degree C)	mg/L	-	2.0	6.2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Bangkok
COD	mg/L	-	25	42	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Bangkok
Oil & Grease	mg/L	-	3	<3	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Bangkok
pH at 25 degree C		-	-	7.8	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Bangkok
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	7	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Bangkok

Sampling By : Teerawat Puangsuk ทะเบียนเลขที่ 7-204-จ-0058

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Technical Management

ทะเบียนเลขที่ 7-204-จ-0013

ทะเบียนเลขที่ 7-204-จ-0004

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Analysis / Test Report



TESTING
No.0009

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260
P/O : 4100119854
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 24121300
Date Received :Nov 06, 2024
Date Reported :Nov 13, 2024
Report Number :3145241-1

Page 3 of 4

Sample Number	24121300-5					
Sampled Date	Nov 05, 2024 10:55 AM					
Sample Description	น้ำทิ้งจากการอุปโภคบริโภค					
Location	อาคารควบคุมกลาง โรงงาน 3 (CCR building Plant 3)					
Date Analysis Commenced	Nov 07, 2024					
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	Method	Testing Location
Water Testing						
BOD (5 days at 20 degree C)	mg/L	-	2.0	2.7	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Bangkok
COD	mg/L	-	25	<25	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Bangkok
Oil & Grease	mg/L	-	3	<3	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Bangkok
pH at 25 degree C		-	-	8.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Bangkok
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	<5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Bangkok

Sampling By : Teerawat Puangsuk ทะเบียนเลขที่ 7-204-จ-0058

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Technical Management

ทะเบียนเลขที่ 7-204-จ-0013

ทะเบียนเลขที่ 7-204-จ-0004

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Analysis / Test Report



TESTING
No.0009

Lot ID: 24121300

Date Received :Nov 06, 2024

Date Reported :Nov 13, 2024

Report Number :3145241-1

Client : Siam City Cement Public Company Limited

99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O : 4100119854

Project Name : Saraburi Factory Plant

Project Location :

Page 4 of 4

Sample Number	24121300-6					
Sampled Date	Nov 05, 2024 10:40 AM					
Sample Description	น้ำที่จากการอุปโภคบริโภค					
Location	อาคารซ่อมบำรุง โรงงาน 3 (Workshop Plant 3)					
Date Analysis Commenced	Nov 07, 2024					
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	Method	Testing Location
Water Testing						
BOD (5 days at 20 degree C)	mg/L	-	2.0	4.3	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Bangkok
COD	mg/L	-	25	42	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Bangkok
Oil & Grease	mg/L	-	3	<3	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Bangkok
pH at 25 degree C		-	-	7.9	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Bangkok
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	8	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Bangkok

Sampling By : Teerawat Puangsuk ทะเบียนเลขที่ 7-204-3-0058

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Technical Management

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ทะเบียนเลขที่ 7-204-3-0004

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Analysis / Test Report



TESTING
No.0009

Lot ID: 24129552

Date Received :Dec 11, 2024

Date Reported :Dec 18, 2024

Report Number :3196628-1

Client : Siam City Cement Public Company Limited

99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O : 4100119854

Project Name : Saraburi Factory Plant

Project Location :

Page 1 of 1

Sample Number	24129552-3					
Sampled Date	Dec 11, 2024 11:30 AM					
Sample Description	น้ำที่จากการอุปโภคบริโภค					
Location	อาคารควบคุมกลาง โรงงาน 2 (CCR building Plant 2)					
Date Analysis Commenced	Dec 12, 2024					
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	Method	Testing Location
Water Testing						
BOD (5 days at 20 degree C)	mg/L	-	2.0	5.4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Bangkok
COD	mg/L	-	25	31	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Bangkok
Oil & Grease	mg/L	-	3	<3	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Bangkok
pH at 25 degree C		-	-	8.3	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Bangkok
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	8	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Bangkok

Sampling By : Teerawat Puangsuk ทะเบียนเลขที่ 7-204-3-0058

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Technical Management

ทะเบียนเลขที่ 7-204-3-0013

ทะเบียนเลขที่ 7-204-3-0004

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260
P/O : 4100119854
Project Name : Saraburi Factory Plant
Project Location :



TESTING
No.0009

Lot ID: 24129552
Date Received :Dec 11, 2024
Date Reported :Dec 18, 2024
Report Number :3196629-1

Page 1 of 1

Sample Number	24129552-4				
Sampled Date	Dec 11, 2024 11:40 AM				
Sample Description	น้ำทิ้งจากการหล่อปูนคอนกรีต				
Location	อาคารซ่อมบำรุง โรงงาน 2 (Workshop Plant 2)				
Date Analysis Commenced	Dec 12, 2024				
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	Method	Testing Location
Water Testing						
BOD (5 days at 20 degree C)	mg/L	-	2.0	<2.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Bangkok
COD	mg/L	+	25	<25	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Bangkok
Oil & Grease	mg/L	-	3	<3	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Bangkok
pH at 25 degree C		-	-	7.9	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Bangkok
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	<5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Bangkok

Sampling By : Teerawat Puangsuk ทะเบียนเลขที่ 7-204-จ-0058

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Technical Management

ทะเบียนเลขที่ 7-204-จ-0013

ทะเบียนเลขที่ 7-204-จ-0004

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260
P/O : 4100119854
Project Name : Saraburi Factory Plant
Project Location :



TESTING
No.0009

Lot ID: 24129552
Date Received :Dec 11, 2024
Date Reported :Dec 18, 2024
Report Number :3196630-1

Page 1 of 1

Sample Number	24129552-5				
Sampled Date	Dec 11, 2024 11:00 AM				
Sample Description	น้ำทิ้งจากการหล่อปูนคอนกรีต				
Location	อาคารควบคุมกลาง โรงงาน 3 (CCR building Plant 3)				
Date Analysis Commenced	Dec 12, 2024				
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	Method	Testing Location
Water Testing						
BOD (5 days at 20 degree C)	mg/L	+	2.0	20.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Bangkok
COD	mg/L	+	25	95	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Bangkok
Oil & Grease	mg/L	-	3	<3	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Bangkok
pH at 25 degree C		-	-	8.4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Bangkok
Total Suspended Solids Dried at 103-105 degree C	mg/L	+	5	18	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Bangkok

Sampling By : Teerawat Puangsuk ทะเบียนเลขที่ 7-204-จ-0058

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

ทะเบียนเลขที่ 7-204-จ-0013

ทะเบียนเลขที่ 7-204-จ-0004

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Analysis / Test Report



TESTING
No.0009

Lot ID: 24129552

Date Received : Dec 11, 2024
Date Reported : Dec 18, 2024
Report Number : 3196631-1

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh, Saraburi
Thailand 18260
P/O : 4100119854
Project Name : Saraburi Factory Plant
Project Location :

Sample Number	24129552-6
Sampled Date	Dec 11, 2024 10:45 AM
Sample Description	น้ำทิ้งจากการอุปโภคบริโภค
Location	อาคารซ่อมบำรุง โรงงาน 3 (Workshop Plant 3)
Date Analysis Commenced	Dec 12, 2024
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	Method	Testing Location
Water Testing						
BOD (5 days at 20 degree C)	mg/L	-	2.0	19.9	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Bangkok
COD	mg/L	-	25	86	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Bangkok
Oil & Grease	mg/L	-	3	4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Bangkok
pH at 25 degree C		-	-	7.7	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Bangkok
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	103	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Bangkok

Sampling By : Teerawat Puangsuk ทะเบียนเลขที่ 7-204-ก-0058

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

ทะเบียนเลขที่ 7-204-ก-0013

ทะเบียนเลขที่ 7-204-ก-0004

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh, Saraburi
Thailand 18260

P/O :
Project Name : Leachate Cement Testing
Project Location : Siam City Cement Public Company Limited (Saraburi Factory Plant)

Lot ID: 24122927

Date Received : Oct 28, 2024
Date Reported : Nov 04, 2024
Report Number : 3148696-1

Sample Number	24122927-1
Sampled Date	Sep 24, 2024
Sample Description	INSEE Petch (Plant 2)
Date Analysis Commenced	Oct 28, 2024
Condition of Sample	Packed in one plastic bag

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Total Concentration Test (TTLC) : Metals							
Arsenic	mg/kg	-	0.50	9.75	<500	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Cadmium	mg/kg	-	0.50	0.88	<100	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Chromium	mg/kg	-	1.00	66.4	<2500	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Copper	mg/kg	-	1.00	71.0	<2500	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Lead	mg/kg	-	1.00	20.6	<1000	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Mercury	mg/kg	-	0.10	<0.10	<20	United States Environmental Protection Agency, EPA Method 7473	Bangkok
Zinc	mg/kg	-	1.00	182	<5000	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Waste Extraction Test (STLC) : Metals							
Arsenic	mg/L	-	0.01	0.01	<5	MOI, B.E.2566	Bangkok
Cadmium	mg/L	-	0.01	<0.01	<1	MOI, B.E.2566	Bangkok
Chromium	mg/L	-	0.03	2.34	<5	MOI, B.E.2566	Bangkok
Copper	mg/L	-	0.01	0.28	<25	MOI, B.E.2566	Bangkok
Lead	mg/L	-	0.01	0.01	<5	MOI, B.E.2566	Bangkok
Mercury	mg/L	-	0.001	<0.001	<0.2	MOI, B.E.2566	Bangkok
Zinc	mg/L	-	0.01	0.08	<250	MOI, B.E.2566	Bangkok

Guideline : Notification of the Ministry of Industry regarding Waste or Used Material Disposal, B.E. 2566 (2023).

Remark :

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhol, Saraburi
Thailand 18260
P/O :
Project Name : Leachate Cement Testing
Project Location: Siam City Cement Public Company Limited (Saraburi Factory Plant)

Lot ID: 24122927
Date Received : Oct 28, 2024
Date Reported : Nov 04, 2024
Report Number : 3148696-1

Page 2 of 16

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



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhol, Saraburi
Thailand 18260
P/O :
Project Name : Leachate Cement Testing
Project Location: Siam City Cement Public Company Limited (Saraburi Factory Plant)

Lot ID: 24122927
Date Received : Oct 28, 2024
Date Reported : Nov 04, 2024
Report Number : 3148696-1

Page 3 of 16

Sample Number 24122927-2
Sampled Date Sep 24, 2024
Sample Description INSEE Petch Plus (Plant 2)
Date Analysis Commenced Oct 28, 2024
Condition of Sample Packed in one plastic bag

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Total Concentration Test (TTL) : Metals							
Arsenic	mg/kg	-	0.50	10.3	<500	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Cadmium	mg/kg	-	0.50	0.97	<100	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Chromium	mg/kg	-	1.00	69.1	<2500	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Copper	mg/kg	-	1.00	82.6	<2500	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Lead	mg/kg	-	1.00	23.3	<1000	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Mercury	mg/kg	-	0.10	<0.10	<20	United States Environmental Protection Agency, EPA Method 7473	Bangkok
Zinc	mg/kg	-	1.00	222	<5000	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Waste Extraction Test (STLC) : Metals							
Arsenic	mg/L	-	0.01	<0.01	<5	MOI, B.E.2566	Bangkok
Cadmium	mg/L	-	0.01	<0.01	<1	MOI, B.E.2566	Bangkok
Chromium	mg/L	-	0.03	0.60	<5	MOI, B.E.2566	Bangkok
Copper	mg/L	-	0.01	0.16	<25	MOI, B.E.2566	Bangkok
Lead	mg/L	-	0.01	0.01	<5	MOI, B.E.2566	Bangkok
Mercury	mg/L	-	0.001	<0.001	<0.2	MOI, B.E.2566	Bangkok
Zinc	mg/L	-	0.01	0.40	<250	MOI, B.E.2566	Bangkok

Guideline : Notification of the Ministry of Industry regarding Waste or Used Material Disposal, B.E. 2566 (2023).
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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh, Saraburi
Thailand 18260

P/O :

Project Name : Leachate Cement Testing

Project Location : Siam City Cement Public Company Limited (Saraburi Factory Plant)

Lot ID: 24122927

Date Received : Oct 28, 2024

Date Reported : Nov 04, 2024

Report Number : 3148696-1

Page 4 of 16

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



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh, Saraburi
Thailand 18260

P/O :

Project Name : Leachate Cement Testing

Project Location : Siam City Cement Public Company Limited (Saraburi Factory Plant)

Lot ID: 24122927

Date Received : Oct 28, 2024

Date Reported : Nov 04, 2024

Report Number : 3148696-1

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Sample Number 24122927-3
Sampled Date Sep 24, 2024
Sample Description INSEE Dum (Plant 2)
Date Analysis Commenced Oct 28, 2024
Condition of Sample Packed in one plastic bag

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Total Concentration Test (TTLC) : Metals							
Arsenic	mg/kg	-	0.50	11.3	<500	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Cadmium	mg/kg	-	0.50	1.06	<100	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Chromium	mg/kg	-	1.00	78.2	<2500	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Copper	mg/kg	-	1.00	81.0	<2500	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Lead	mg/kg	-	1.00	26.4	<1000	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Mercury	mg/kg	-	0.10	<0.10	<20	United States Environmental Protection Agency, EPA Method 7473	Bangkok
Zinc	mg/kg	-	1.00	211	<5000	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Waste Extraction Test (STLC) : Metals							
Arsenic	mg/L	-	0.01	<0.01	<5	MOI, B.E.2566	Bangkok
Cadmium	mg/L	-	0.01	<0.01	<1	MOI, B.E.2566	Bangkok
Chromium	mg/L	-	0.03	1.62	<5	MOI, B.E.2566	Bangkok
Copper	mg/L	-	0.01	0.23	<25	MOI, B.E.2566	Bangkok
Lead	mg/L	-	0.01	<0.01	<5	MOI, B.E.2566	Bangkok
Mercury	mg/L	-	0.001	<0.001	<0.2	MOI, B.E.2566	Bangkok
Zinc	mg/L	-	0.01	0.14	<250	MOI, B.E.2566	Bangkok

Guideline : Notification of the Ministry of Industry regarding Waste or Used Material Disposal, B.E. 2566 (2023).

Remark :

Approved by

Manager

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhai, Saraburi
Thailand 18260

P/O :

Project Name : Leachate Cement Testing

Project Location : Siam City Cement Public Company Limited (Saraburi Factory Plant)

Lot ID: 24122927
Date Received : Oct 28, 2024
Date Reported : Nov 04, 2024
Report Number : 3148696-1

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



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhai, Saraburi
Thailand 18260

P/O :

Project Name : Leachate Cement Testing

Project Location : Siam City Cement Public Company Limited (Saraburi Factory Plant)

Lot ID: 24122927
Date Received : Oct 28, 2024
Date Reported : Nov 04, 2024
Report Number : 3148696-1

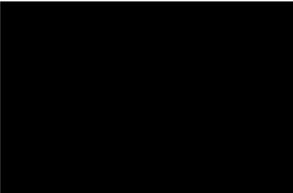
Page 9 of 16

Sample Number	24122927-5						
Sampled Date	Sep 25, 2024						
Sample Description	INSEE Petch Easy Flow (Plant 2)						
Date Analysis Commenced	Oct 28, 2024						
Condition of Sample	Packed in one plastic bag						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Total Concentration Test (TTL) : Metals							
Arsenic	mg/kg	-	0.50	12.8	<500	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Cadmium	mg/kg	-	0.50	1.03	<100	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Chromium	mg/kg	-	1.00	80.2	<2500	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Copper	mg/kg	-	1.00	97.6	<2500	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Lead	mg/kg	-	1.00	27.0	<1000	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Mercury	mg/kg	-	0.10	<0.10	<20	United States Environmental Protection Agency, EPA Method 7473	Bangkok
Zinc	mg/kg	-	1.00	255	<5000	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Waste Extraction Test (STLC) : Metals							
Arsenic	mg/L	-	0.01	<0.01	<5	MOI, B.E.2566	Bangkok
Cadmium	mg/L	-	0.01	<0.01	<1	MOI, B.E.2566	Bangkok
Chromium	mg/L	-	0.03	0.74	<5	MOI, B.E.2566	Bangkok
Copper	mg/L	-	0.01	0.17	<25	MOI, B.E.2566	Bangkok
Lead	mg/L	-	0.01	<0.01	<5	MOI, B.E.2566	Bangkok
Mercury	mg/L	-	0.001	<0.001	<0.2	MOI, B.E.2566	Bangkok
Zinc	mg/L	-	0.01	0.15	<250	MOI, B.E.2566	Bangkok

Guideline : Notification of the Ministry of Industry regarding Waste or Used Material Disposal, B.E. 2566 (2023).
Remark :

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :

Project Name : Leachate Cement Testing

Project Location : Siam City Cement Public Company Limited (Saraburi Factory Plant)

Lot ID: 24122927

Date Received : Oct 28, 2024

Date Reported : Nov 04, 2024

Report Number : 3148696-1

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



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :

Project Name : Leachate Cement Testing

Project Location : Siam City Cement Public Company Limited (Saraburi Factory Plant)

Lot ID: 24122927

Date Received : Oct 28, 2024

Date Reported : Nov 04, 2024

Report Number : 3148696-1

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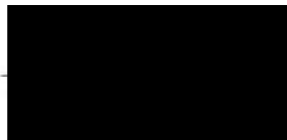
Sample Number 24122927-6
Sampled Date Oct 18, 2024
Sample Description INSEE Patch Quick Cast (Plant 2)
Date Analysis Commenced Oct 28, 2024
Condition of Sample Packed in one plastic bag

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Total Concentration Test (TTLC) : Metals							
Arsenic	mg/kg	-	0.50	10.6	<500	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Cadmium	mg/kg	-	0.50	0.94	<100	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Chromium	mg/kg	-	1.00	53.3	<2500	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Copper	mg/kg	-	1.00	75.0	<2500	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Lead	mg/kg	-	1.00	18.6	<1000	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Mercury	mg/kg	-	0.10	<0.10	<20	United States Environmental Protection Agency, EPA Method 7473	Bangkok
Zinc	mg/kg	-	1.00	131	<5000	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Waste Extraction Test (STLC) : Metals							
Arsenic	mg/L	-	0.01	<0.01	<5	MOI, B.E.2566	Bangkok
Cadmium	mg/L	-	0.01	<0.01	<1	MOI, B.E.2566	Bangkok
Chromium	mg/L	-	0.03	1.39	<5	MOI, B.E.2566	Bangkok
Copper	mg/L	-	0.01	0.21	<25	MOI, B.E.2566	Bangkok
Lead	mg/L	-	0.01	<0.01	<5	MOI, B.E.2566	Bangkok
Mercury	mg/L	-	0.001	<0.001	<0.2	MOI, B.E.2566	Bangkok
Zinc	mg/L	-	0.01	0.17	<250	MOI, B.E.2566	Bangkok

Guideline : Notification of the Ministry of Industry regarding Waste or Used Material Disposal, B.E. 2566 (2023).

Remark :

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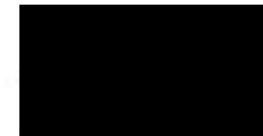
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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :

Project Name : Leachate Cement Testing

Project Location : Siam City Cement Public Company Limited (Saraburi Factory Plant)

Lot ID: 24122927

Date Received : Oct 28, 2024

Date Reported : Nov 04, 2024

Report Number : 3148696-1

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



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :

Project Name : Leachate Cement Testing

Project Location : Siam City Cement Public Company Limited (Saraburi Factory Plant)

Lot ID: 24122927

Date Received : Oct 28, 2024

Date Reported : Nov 04, 2024

Report Number : 3148696-1

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Sample Number 24122927-8
Sampled Date Sep 19, 2024
Sample Description Clinker K3 (Plant 2)
Date Analysis Commenced Oct 28, 2024
Condition of Sample Packed in one plastic bag

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Total Concentration Test (TTLC) : Metals							
Arsenic	mg/kg	-	0.50	15.1	<500	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Cadmium	mg/kg	-	0.50	1.52	<100	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Chromium	mg/kg	-	1.00	104	<2500	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Copper	mg/kg	-	1.00	111	<2500	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Lead	mg/kg	-	1.00	44.9	<1000	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Mercury	mg/kg	-	0.10	<0.10	<20	United States Environmental Protection Agency, EPA Method 7473	Bangkok
Zinc	mg/kg	-	1.00	212	<5000	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Waste Extraction Test (STLC) : Metals							
Arsenic	mg/L	-	0.01	0.16	<5	MOI, B.E.2566	Bangkok
Cadmium	mg/L	-	0.01	0.02	<1	MOI, B.E.2566	Bangkok
Chromium	mg/L	-	0.03	1.95	<5	MOI, B.E.2566	Bangkok
Copper	mg/L	-	0.01	1.82	<25	MOI, B.E.2566	Bangkok
Lead	mg/L	-	0.01	0.34	<5	MOI, B.E.2566	Bangkok
Mercury	mg/L	-	0.001	<0.001	<0.2	MOI, B.E.2566	Bangkok
Zinc	mg/L	-	0.01	1.75	<250	MOI, B.E.2566	Bangkok

Guideline : Notification of the Ministry of Industry regarding Waste or Used Material Disposal, B.E. 2566 (2023).

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :

Project Name : Leachate Cement Testing

Project Location : Siam City Cement Public Company Limited (Saraburi Factory Plant)

Lot ID: 24122927

Date Received : Oct 28, 2024

Date Reported : Nov 04, 2024

Report Number : 3148696-1

Page 16 of 16

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



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :

Project Name : Leachate Cement Testing

Project Location : Siam City Cement Public Company Limited (Saraburi Factory Plant)

Lot ID: 24122941

Date Received : Oct 28, 2024

Date Reported : Nov 04, 2024

Report Number : 3148734-1

Page 1 of 24

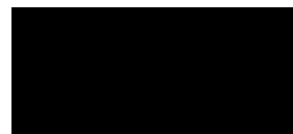
Sample Number 24122941-1
Sampled Date Sep 24, 2024
Sample Description INSEE Petch Plus (Plant 3)
Date Analysis Commenced Oct 28, 2024
Condition of Sample Packed in one plastic bag

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Total Concentration Test (TTLC) : Metals							
Arsenic	mg/kg	-	0.50	10.9	<500	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Cadmium	mg/kg	-	0.50	0.92	<100	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Chromium	mg/kg	-	1.00	72.4	<2500	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Copper	mg/kg	-	1.00	77.8	<2500	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Lead	mg/kg	-	1.00	21.8	<1000	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Mercury	mg/kg	-	0.10	<0.10	<20	United States Environmental Protection Agency, EPA Method 7473	Bangkok
Zinc	mg/kg	-	1.00	246	<5000	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Waste Extraction Test (STLC) : Metals							
Arsenic	mg/L	-	0.01	0.01	<5	MOI, B.E.2566	Bangkok
Cadmium	mg/L	-	0.01	<0.01	<1	MOI, B.E.2566	Bangkok
Chromium	mg/L	-	0.03	1.54	<5	MOI, B.E.2566	Bangkok
Copper	mg/L	-	0.01	0.29	<25	MOI, B.E.2566	Bangkok
Lead	mg/L	-	0.01	0.01	<5	MOI, B.E.2566	Bangkok
Mercury	mg/L	-	0.001	<0.001	<0.2	MOI, B.E.2566	Bangkok
Zinc	mg/L	-	0.01	0.18	<250	MOI, B.E.2566	Bangkok

Guideline : Notification of the Ministry of Industry regarding Waste or Used Material Disposal, B.E. 2566 (2023).

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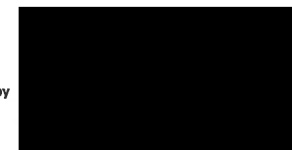
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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhol, Saraburi
Thailand 18260

P/O :

Project Name : Leachate Cement Testing

Project Location : Siam City Cement Public Company Limited (Saraburi Factory Plant)

Lot ID: 24122941

Date Received : Oct 28, 2024

Date Reported : Nov 04, 2024

Report Number : 3148734-1

Page 2 of 24

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



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhol, Saraburi
Thailand 18260

P/O :

Project Name : Leachate Cement Testing

Project Location : Siam City Cement Public Company Limited (Saraburi Factory Plant)

Lot ID: 24122941

Date Received : Oct 28, 2024

Date Reported : Nov 04, 2024

Report Number : 3148734-1

Page 3 of 24

Sample Number : 24122941-2
Sampled Date : Sep 24, 2024
Sample Description : INSEE Dang (Plant 3)
Date Analysis Commenced : Oct 28, 2024
Condition of Sample : Packed in one plastic bag

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Total Concentration Test (TTL) : Metals							
Arsenic	mg/kg	-	0.50	6.60	<500	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Cadmium	mg/kg	-	0.50	0.91	<100	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Chromium	mg/kg	-	1.00	40.1	<2500	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Copper	mg/kg	-	1.00	43.6	<2500	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Lead	mg/kg	-	1.00	14.1	<1000	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Mercury	mg/kg	-	0.10	<0.10	<20	United States Environmental Protection Agency, EPA Method 7473	Bangkok
Zinc	mg/kg	-	1.00	128	<5000	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Waste Extraction Test (STLC) : Metals							
Arsenic	mg/L	-	0.01	0.23	<5	MOI, B.E.2566	Bangkok
Cadmium	mg/L	-	0.01	0.02	<1	MOI, B.E.2566	Bangkok
Chromium	mg/L	-	0.03	1.88	<5	MOI, B.E.2566	Bangkok
Copper	mg/L	-	0.01	1.98	<25	MOI, B.E.2566	Bangkok
Lead	mg/L	-	0.01	0.35	<5	MOI, B.E.2566	Bangkok
Mercury	mg/L	-	0.001	<0.001	<0.2	MOI, B.E.2566	Bangkok
Zinc	mg/L	-	0.01	2.79	<250	MOI, B.E.2566	Bangkok

Guideline : Notification of the Ministry of Industry regarding Waste or Used Material Disposal, B.E. 2566 (2023).

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :

Project Name : Leachate Cement Testing

Project Location : Siam City Cement Public Company Limited (Saraburi Factory Plant)

Lot ID: 24122941

Date Received : Oct 28, 2024

Date Reported : Nov 04, 2024

Report Number : 3148734-1

Page 4 of 24

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



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :

Project Name : Leachate Cement Testing

Project Location : Siam City Cement Public Company Limited (Saraburi Factory Plant)

Lot ID: 24122941

Date Received : Oct 28, 2024

Date Reported : Nov 04, 2024

Report Number : 3148734-1

Page 5 of 24

Sample Number : 24122941-3
Sampled Date : Sep 24, 2024
Sample Description : INSEE Poon Keaw (Plant 3)
Date Analysis Commenced : Oct 28, 2024
Condition of Sample : Packed in one plastic bag

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Total Concentration Test (TTLC) : Metals							
Arsenic	mg/kg	-	0.50	7.20	<500	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Cadmium	mg/kg	-	0.50	0.93	<100	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Chromium	mg/kg	-	1.00	40.0	<2500	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Copper	mg/kg	-	1.00	47.0	<2500	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Lead	mg/kg	-	1.00	14.2	<1000	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Mercury	mg/kg	-	0.10	<0.10	<20	United States Environmental Protection Agency, EPA Method 7473	Bangkok
Zinc	mg/kg	-	1.00	138	<5000	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Waste Extraction Test (STLC) : Metals							
Arsenic	mg/L	-	0.01	0.35	<5	MOI, B.E.2566	Bangkok
Cadmium	mg/L	-	0.01	0.03	<1	MOI, B.E.2566	Bangkok
Chromium	mg/L	-	0.03	2.46	<5	MOI, B.E.2566	Bangkok
Copper	mg/L	-	0.01	2.82	<25	MOI, B.E.2566	Bangkok
Lead	mg/L	-	0.01	0.49	<5	MOI, B.E.2566	Bangkok
Mercury	mg/L	-	0.001	<0.001	<0.2	MOI, B.E.2566	Bangkok
Zinc	mg/L	-	0.01	2.16	<250	MOI, B.E.2566	Bangkok

Guideline : Notification of the Ministry of Industry regarding Waste or Used Material Disposal, B.E. 2566 (2023).

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :

Project Name : Leachate Cement Testing

Project Location : Siam City Cement Public Company Limited (Saraburi Factory Plant)

Lot ID: 24122941

Date Received : Oct 28, 2024

Date Reported : Nov 04, 2024

Report Number : 3148734-1

Page 6 of 24

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



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :

Project Name : Leachate Cement Testing

Project Location : Siam City Cement Public Company Limited (Saraburi Factory Plant)

Lot ID: 24122941

Date Received : Oct 28, 2024

Date Reported : Nov 04, 2024

Report Number : 3148734-1

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Sample Number 24122941-4
Sampled Date Sep 24, 2024
Sample Description INSEE Tong (Plant 3)
Date Analysis Commenced Oct 28, 2024
Condition of Sample Packed in one plastic bag

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Total Concentration Test (TTLC) : Metals							
Arsenic	mg/kg	-	0.50	7.03	<500	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Cadmium	mg/kg	-	0.50	0.94	<100	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Chromium	mg/kg	-	1.00	52.4	<2500	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Copper	mg/kg	-	1.00	53.0	<2500	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Lead	mg/kg	-	1.00	15.6	<1000	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Mercury	mg/kg	-	0.10	<0.10	<20	United States Environmental Protection Agency, EPA Method 7473	Bangkok
Zinc	mg/kg	-	1.00	128	<5000	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Waste Extraction Test (STLC) : Metals							
Arsenic	mg/L	-	0.01	<0.01	<5	MOI, B.E.2566	Bangkok
Cadmium	mg/L	-	0.01	<0.01	<1	MOI, B.E.2566	Bangkok
Chromium	mg/L	-	0.03	0.11	<5	MOI, B.E.2566	Bangkok
Copper	mg/L	-	0.01	0.04	<25	MOI, B.E.2566	Bangkok
Lead	mg/L	-	0.01	<0.01	<5	MOI, B.E.2566	Bangkok
Mercury	mg/L	-	0.001	<0.001	<0.2	MOI, B.E.2566	Bangkok
Zinc	mg/L	-	0.01	0.13	<250	MOI, B.E.2566	Bangkok

Guideline : Notification of the Ministry of Industry regarding Waste or Used Material Disposal, B.E. 2566 (2023).

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhai, Saraburi
Thailand 18260

P/O :

Project Name : Leachate Cement Testing

Project Location : Siam City Cement Public Company Limited (Saraburi Factory Plant)

Lot ID: 24122941

Date Received : Oct 28, 2024

Date Reported : Nov 04, 2024

Report Number : 3148734-1

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* LOD : Limit of Detection
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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhai, Saraburi
Thailand 18260

P/O :

Project Name : Leachate Cement Testing

Project Location : Siam City Cement Public Company Limited (Saraburi Factory Plant)

Lot ID: 24122941

Date Received : Oct 28, 2024

Date Reported : Nov 04, 2024

Report Number : 3148734-1

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Sample Number 24122941-5
Sampled Date Sep 24, 2024
Sample Description INSEE Super (Plant 3)
Date Analysis Commenced Oct 28, 2024
Condition of Sample Packed in one plastic bag

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Total Concentration Test (TTLC) : Metals							
Arsenic	mg/kg	-	0.50	5.91	<500	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Cadmium	mg/kg	-	0.50	0.95	<100	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Chromium	mg/kg	-	1.00	44.9	<2500	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Copper	mg/kg	-	1.00	47.1	<2500	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Lead	mg/kg	-	1.00	14.4	<1000	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Mercury	mg/kg	-	0.10	<0.10	<20	United States Environmental Protection Agency, EPA Method 7473	Bangkok
Zinc	mg/kg	-	1.00	107	<5000	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Waste Extraction Test (STLC) : Metals							
Arsenic	mg/L	-	0.01	0.10	<5	MOI, B.E.2566	Bangkok
Cadmium	mg/L	-	0.01	<0.01	<1	MOI, B.E.2566	Bangkok
Chromium	mg/L	-	0.03	1.11	<5	MOI, B.E.2566	Bangkok
Copper	mg/L	-	0.01	1.11	<25	MOI, B.E.2566	Bangkok
Lead	mg/L	-	0.01	0.19	<5	MOI, B.E.2566	Bangkok
Mercury	mg/L	-	0.001	<0.001	<0.2	MOI, B.E.2566	Bangkok
Zinc	mg/L	-	0.01	1.24	<250	MOI, B.E.2566	Bangkok

Guideline : Notification of the Ministry of Industry regarding Waste or Used Material Disposal, B.E. 2566 (2023).

Remark :

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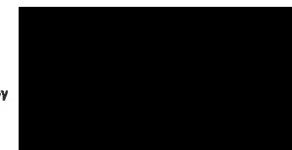
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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh, Saraburi
Thailand 18260

P/O :
Project Name : Leachate Cement Testing

Project Location: Siam City Cement Public Company Limited (Saraburi Factory Plant)

Lot ID: 24122941
Date Received : Oct 28, 2024
Date Reported : Nov 04, 2024
Report Number : 3148734-1

Page 10 of 24

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



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh, Saraburi
Thailand 18260

P/O :
Project Name : Leachate Cement Testing
Project Location: Siam City Cement Public Company Limited (Saraburi Factory Plant)

Lot ID: 24122941
Date Received : Oct 28, 2024
Date Reported : Nov 04, 2024
Report Number : 3148734-1

Page 15 of 24

Sample Number 24122941-8
Sampled Date Sep 24, 2024
Sample Description INSEE Petch Easy Flow (Plant 3)
Date Analysis Commenced Oct 28, 2024
Condition of Sample Packed in one plastic bag

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Total Concentration Test (TTL) : Metals							
Arsenic	mg/kg	-	0.50	8.46	<500	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Cadmium	mg/kg	-	0.50	0.76	<100	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Chromium	mg/kg	-	1.00	52.9	<2500	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Copper	mg/kg	-	1.00	65.0	<2500	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Lead	mg/kg	-	1.00	17.6	<1000	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Mercury	mg/kg	-	0.10	<0.10	<20	United States Environmental Protection Agency, EPA Method 7473	Bangkok
Zinc	mg/kg	-	1.00	170	<5000	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Waste Extraction Test (STLC) : Metals							
Arsenic	mg/L	-	0.01	<0.01	<5	MOI, B.E.2566	Bangkok
Cadmium	mg/L	-	0.01	<0.01	<1	MOI, B.E.2566	Bangkok
Chromium	mg/L	-	0.03	1.31	<5	MOI, B.E.2566	Bangkok
Copper	mg/L	-	0.01	0.21	<25	MOI, B.E.2566	Bangkok
Lead	mg/L	-	0.01	0.01	<5	MOI, B.E.2566	Bangkok
Mercury	mg/L	-	0.001	<0.001	<0.2	MOI, B.E.2566	Bangkok
Zinc	mg/L	-	0.01	0.12	<250	MOI, B.E.2566	Bangkok

Guideline : Notification of the Ministry of Industry regarding Waste or Used Material Disposal, B.E. 2566 (2023).

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhol, Saraburi
Thailand 18260

P/O :

Project Name : Leachate Cement Testing

Project Location : Siam City Cement Public Company Limited (Saraburi Factory Plant)

Lot ID: 24122941

Date Received : Oct 28, 2024

Date Reported : Nov 04, 2024

Report Number : 3148734-1

Page 16 of 24

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



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhol, Saraburi
Thailand 18260

P/O :

Project Name : Leachate Cement Testing

Project Location : Siam City Cement Public Company Limited (Saraburi Factory Plant)

Lot ID: 24122941

Date Received : Oct 28, 2024

Date Reported : Nov 04, 2024

Report Number : 3148734-1

Page 17 of 24

Sample Number 24122941-9
Sampled Date Sep 24, 2024
Sample Description INSEE Petch CPM (Plant 3)
Date Analysis Commenced Oct 28, 2024
Condition of Sample Packed in one plastic bag

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Total Concentration Test (TTLC) : Metals							
Arsenic	mg/kg	-	0.50	10.4	<500	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Cadmium	mg/kg	-	0.50	0.80	<100	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Chromium	mg/kg	-	1.00	75.3	<2500	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Copper	mg/kg	-	1.00	80.1	<2500	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Lead	mg/kg	-	1.00	20.8	<1000	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Mercury	mg/kg	-	0.10	<0.10	<20	United States Environmental Protection Agency, EPA Method 7473	Bangkok
Zinc	mg/kg	-	1.00	205	<5000	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Waste Extraction Test (STLC) : Metals							
Arsenic	mg/L	-	0.01	<0.01	<5	MOI, B.E.2566	Bangkok
Cadmium	mg/L	-	0.01	<0.01	<1	MOI, B.E.2566	Bangkok
Chromium	mg/L	-	0.03	2.01	<5	MOI, B.E.2566	Bangkok
Copper	mg/L	-	0.01	0.23	<25	MOI, B.E.2566	Bangkok
Lead	mg/L	-	0.01	0.01	<5	MOI, B.E.2566	Bangkok
Mercury	mg/L	-	0.001	<0.001	<0.2	MOI, B.E.2566	Bangkok
Zinc	mg/L	-	0.01	0.15	<250	MOI, B.E.2566	Bangkok

Guideline : Notification of the Ministry of Industry regarding Waste or Used Material Disposal, B.E. 2566 (2023).

Remark :

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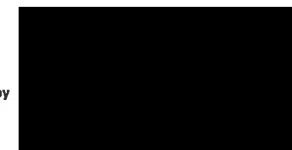
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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhol, Saraburi
Thailand 18260

P/O :

Project Name : Leachate Cement Testing

Project Location : Siam City Cement Public Company Limited (Saraburi Factory Plant)

Lot ID: 24122941

Date Received : Oct 28, 2024

Date Reported : Nov 04, 2024

Report Number : 3148734-1

Page 18 of 24

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



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhol, Saraburi
Thailand 18260

P/O :

Project Name : Leachate Cement Testing

Project Location : Siam City Cement Public Company Limited (Saraburi Factory Plant)

Lot ID: 24122941

Date Received : Oct 28, 2024

Date Reported : Nov 04, 2024

Report Number : 3148734-1

Page 19 of 24

Sample Number 24122941-10
Sampled Date Oct 18, 2024
Sample Description INSEE Petch Ngarn Thang Luang (Plant 3)
Date Analysis Commenced Oct 28, 2024
Condition of Sample Packed in one plastic bag

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Total Concentration Test (TTLC) : Metals							
Arsenic	mg/kg	-	0.50	17.8	<500	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Cadmium	mg/kg	-	0.50	1.15	<100	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Chromium	mg/kg	-	1.00	78.3	<2500	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Copper	mg/kg	-	1.00	107	<2500	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Lead	mg/kg	-	1.00	20.9	<1000	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Mercury	mg/kg	-	0.10	<0.10	<20	United States Environmental Protection Agency, EPA Method 7473	Bangkok
Zinc	mg/kg	-	1.00	224	<5000	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Waste Extraction Test (STLC) : Metals							
Arsenic	mg/L	-	0.01	<0.01	<5	MOI, B.E.2566	Bangkok
Cadmium	mg/L	-	0.01	<0.01	<1	MOI, B.E.2566	Bangkok
Chromium	mg/L	-	0.03	1.71	<5	MOI, B.E.2566	Bangkok
Copper	mg/L	-	0.01	0.25	<25	MOI, B.E.2566	Bangkok
Lead	mg/L	-	0.01	<0.01	<5	MOI, B.E.2566	Bangkok
Mercury	mg/L	-	0.001	<0.001	<0.2	MOI, B.E.2566	Bangkok
Zinc	mg/L	-	0.01	0.12	<250	MOI, B.E.2566	Bangkok

Guideline : Notification of the Ministry of Industry regarding Waste or Used Material Disposal, B.E. 2566 (2023).

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
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Thailand 18260

P/O :

Project Name : Leachate Cement Testing

Project Location : Siam City Cement Public Company Limited (Saraburi Factory Plant)

Lot ID: 24122941

Date Received : Oct 28, 2024

Date Reported : Nov 04, 2024

Report Number : 3148734-1

Page 20 of 24

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



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :

Project Name : Leachate Cement Testing

Project Location : Siam City Cement Public Company Limited (Saraburi Factory Plant)

Lot ID: 24122941

Date Received : Oct 28, 2024

Date Reported : Nov 04, 2024

Report Number : 3148734-1

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Sample Number 24122941-11
Sampled Date Sep 22, 2024
Sample Description Clinker K5 (Plant 3)
Date Analysis Commenced Oct 28, 2024
Condition of Sample Packed in one plastic bag

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Total Concentration Test (TTL) : Metals							
Arsenic	mg/kg	-	0.50	16.6	<500	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Cadmium	mg/kg	-	0.50	0.96	<100	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Chromium	mg/kg	-	1.00	94.2	<2500	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Copper	mg/kg	-	1.00	132	<2500	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Lead	mg/kg	-	1.00	29.6	<1000	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Mercury	mg/kg	-	0.10	<0.10	<20	United States Environmental Protection Agency, EPA Method 7473	Bangkok
Zinc	mg/kg	-	1.00	394	<5000	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Waste Extraction Test (STLC) : Metals							
Arsenic	mg/L	-	0.01	<0.01	<5	MOI, B.E.2566	Bangkok
Cadmium	mg/L	-	0.01	<0.01	<1	MOI, B.E.2566	Bangkok
Chromium	mg/L	-	0.03	0.33	<5	MOI, B.E.2566	Bangkok
Copper	mg/L	-	0.01	0.06	<25	MOI, B.E.2566	Bangkok
Lead	mg/L	-	0.01	<0.01	<5	MOI, B.E.2566	Bangkok
Mercury	mg/L	-	0.001	<0.001	<0.2	MOI, B.E.2566	Bangkok
Zinc	mg/L	-	0.01	0.08	<250	MOI, B.E.2566	Bangkok

Guideline : Notification of the Ministry of Industry regarding Waste or Used Material Disposal, B.E. 2566 (2023).

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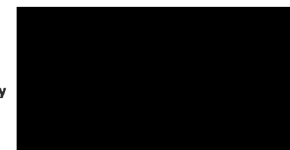
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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhol, Saraburi
Thailand 18260

P/O :

Project Name : Leachate Cement Testing

Project Location: Siam City Cement Public Company Limited (Saraburi Factory Plant)

Lot ID: 24122941
Date Received : Oct 28, 2024
Date Reported : Nov 04, 2024
Report Number : 3148734-1

Page 22 of 24

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



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhol, Saraburi
Thailand 18260

P/O :

Project Name : Leachate Cement Testing

Project Location: Siam City Cement Public Company Limited (Saraburi Factory Plant)

Lot ID: 24122941
Date Received : Oct 28, 2024
Date Reported : Nov 04, 2024
Report Number : 3148734-1

Page 23 of 24

Sample Number 24122941-12
Sampled Date Sep 22, 2024
Sample Description Clinker K6 (Plant 3)
Date Analysis Commenced Oct 28, 2024
Condition of Sample Packed in one plastic bag

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Total Concentration Test (TTL) : Metals							
Arsenic	mg/kg	-	0.50	14.9	<500	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Cadmium	mg/kg	-	0.50	0.87	<100	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Chromium	mg/kg	-	1.00	121	<2500	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Copper	mg/kg	-	1.00	112	<2500	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Lead	mg/kg	-	1.00	26.3	<1000	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Mercury	mg/kg	-	0.10	<0.10	<20	United States Environmental Protection Agency, EPA Method 7473	Bangkok
Zinc	mg/kg	-	1.00	316	<5000	United States Environmental Protection Agency, EPA Method 3050 B and 6010 D	Bangkok
Waste Extraction Test (STLC) : Metals							
Arsenic	mg/L	-	0.01	<0.01	<5	MOI, B.E.2566	Bangkok
Cadmium	mg/L	-	0.01	<0.01	<1	MOI, B.E.2566	Bangkok
Chromium	mg/L	-	0.03	0.62	<5	MOI, B.E.2566	Bangkok
Copper	mg/L	-	0.01	0.05	<25	MOI, B.E.2566	Bangkok
Lead	mg/L	-	0.01	<0.01	<5	MOI, B.E.2566	Bangkok
Mercury	mg/L	-	0.001	<0.001	<0.2	MOI, B.E.2566	Bangkok
Zinc	mg/L	-	0.01	0.07	<250	MOI, B.E.2566	Bangkok

Guideline : Notification of the Ministry of Industry regarding Waste or Used Material Disposal, B.E. 2566 (2023).

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :

Project Name : Leachate Cement Testing

Project Location: Siam City Cement Public Company Limited (Saraburi Factory Plant)

Lot ID: 24122941

Date Received : Oct 28, 2024

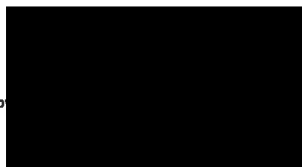
Date Reported : Nov 04, 2024

Report Number : 3148734-1

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

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คุณภาพน้ำใต้ดิน



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :



TESTING
No.0009

Lot ID: 2472459
Date Received : Jul 09, 2024
Date Reported : Jul 15, 2024
Report Number : 3034282-1

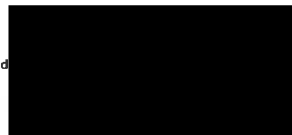
Page 1 of 18

Sample Number 2472459-1
Sampled Date Jul 09, 2024 1:45 PM
Sample Description Groundwater
Location บ้านผาเสด็จ (Ban Phasadet) (GPS 47P 726821, 1619633)
Date Analysis Commenced Jul 10, 2024
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
Metals Testing							
Arsenic	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
Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Copper	mg/L	0.0003	0.0005	0.004	≤1.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Iron	mg/L	0.003	0.005	2.27	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Lead	mg/L	0.0003	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
Manganese	mg/L	0.0003	0.0005	0.06	≤0.50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Selenium	mg/L	0.0003	0.0005	<0.0005	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :



TESTING
No.0009

Lot ID: 2472459
Date Received : Jul 09, 2024
Date Reported : Jul 15, 2024
Report Number : 3034282-1

Page 2 of 18

Sample Number 2472459-1
Sampled Date Jul 09, 2024 1:45 PM
Sample Description Groundwater
Location บ้านผาเสด็จ (Ban Phasadet) (GPS 47P 726821, 1619633)
Date Analysis Commenced Jul 10, 2024
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
Metals Testing							
Zinc	mg/L	0.003	0.005	0.01	≤15	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Water Testing							
Chloride as Cl *	mg/L	0.06	0.2	127	≤600	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
pH at 25 degree C	-	-	-	6.8	6.5-9.2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Bangkok
Sulfate *	mg/L	0.15	0.5	99.3	≤250	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Total Dissolved solids Dried at 180 degree C *	mg/L	-	5	878	≤1200	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Bangkok
Total Hardness as CaCO3 *	mg/L	-	1	671	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2340 C	Bangkok
Turbidity *	NTU	-	0.1	22	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2130 B	Bangkok
Water Level *	m	-	-	19.20	No Standard	Water Level Meter	Bangkok

Guideline :

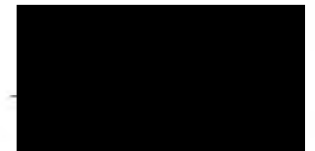
Sampling By : Teerawat Puangsuk

Remark :

- LOD : Limit of Detection

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :

Project Name : Saraburi Factory Plant

Project Location :



TESTING
No.0009

Lot ID: 2472459

Date Received : Jul 09, 2024

Date Reported : Jul 15, 2024

Report Number : 3034282-1

Page 3 of 18

- * : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- Analyte(s) marked * is/are not included in scope of Accreditation ISO/IEC 17025
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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :

Project Name : Saraburi Factory Plant

Project Location :



TESTING
No.0009

Lot ID: 2472459

Date Received : Jul 09, 2024

Date Reported : Jul 15, 2024

Report Number : 3034282-1

Page 4 of 18

Sample Number 2472459-2
Sampled Date Jul 09, 2024 3:00 PM
Sample Description Groundwater
Location บ้านซับhorn (Ban Subbhorn) (GPS 47P 728166, 1612200)
Date Analysis Commenced Jul 10, 2024
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
Metals Testing							
Arsenic	mg/L	0.0003	0.0005	0.004	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Copper	mg/L	0.0003	0.0005	<0.0005	≤1.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Iron	mg/L	0.003	0.005	1.01	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Lead	mg/L	0.0003	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
Manganese	mg/L	0.0003	0.0005	0.65	≤0.50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Selenium	mg/L	0.0003	0.0005	Not Detected	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :



TESTING
No.0009

Lot ID: 2472459
Date Received : Jul 09, 2024
Date Reported : Jul 15, 2024
Report Number : 3034282-1

Page 5 of 18

Sample Number	2472459-2						
Sampled Date	Jul 09, 2024 3:00 PM						
Sample Description	Groundwater						
Location	บ้านหมื่น (Ban Subhorn) (GPS 47P 728166, 1612200)						
Date Analysis Commenced	Jul 10, 2024						
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
Metals Testing							
Zinc	mg/L	0.003	0.005	<0.005	≤15	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Water Testing							
Chloride as Cl *	mg/L	0.06	0.2	177	≤600	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
pH at 25 degree C	-	-	-	7.2	6.5-9.2	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Bangkok
Sulfate *	mg/L	0.15	0.5	75.1	≤250	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Total Dissolved solids Dried at 180 degree C *	mg/L	-	5	772	≤1200	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Bangkok
Total Hardness as CaCO3 *	mg/L	-	1	438	≤500	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 23rd ed., 2017, part 2340 C	Bangkok
Turbidity *	NTU	-	0.1	2.0	≤20	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 23rd ed., 2017, part 2130 B	Bangkok
Water Level *	m	-	-	9.30	No Standard	Water Level Meter	Bangkok
Well Depth *	m	-	-	16.25	No Standard	Water Level Meter	Bangkok

Guideline : Groundwater Quality Standards for Drinking Purposes set by Notification of Ministry of Natural Resources and Environment B.E. 2551, Maximum allowable., (1) Suitable Allowance
Sampling By : Teerawat Puangsuk

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :



TESTING
No.0009

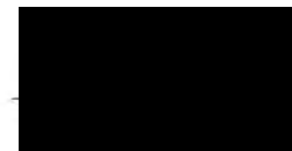
Lot ID: 2472459
Date Received : Jul 09, 2024
Date Reported : Jul 15, 2024
Report Number : 3034282-1

Page 6 of 18

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.

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
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Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :



TESTING
No.0009

Lot ID: 2472459
Date Received : Jul 09, 2024
Date Reported : Jul 15, 2024
Report Number : 3034282-1

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Sample Number 2472459-3
Sampled Date Jul 09, 2024 2:00 PM
Sample Description Groundwater
Location บ้านสะพาน (Ban Sapan) (GPS 47P 726430, 1618121)
Date Analysis Commenced Jul 10, 2024
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
Metals Testing							
Arsenic	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
Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Copper	mg/L	0.0003	0.0005	0.002	≤1.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Iron	mg/L	0.003	0.005	0.80	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Lead	mg/L	0.0003	0.0005	0.001	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Manganese	mg/L	0.0003	0.0005	0.11	≤0.50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Selenium	mg/L	0.0003	0.0005	0.001	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :



TESTING
No.0009

Lot ID: 2472459
Date Received : Jul 09, 2024
Date Reported : Jul 15, 2024
Report Number : 3034282-1

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Sample Number 2472459-3
Sampled Date Jul 09, 2024 2:00 PM
Sample Description Groundwater
Location บ้านสะพาน (Ban Sapan) (GPS 47P 726430, 1618121)
Date Analysis Commenced Jul 10, 2024
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
Metals Testing							
Zinc	mg/L	0.003	0.005	0.04	≤15	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Water Testing							
Chloride as Cl *	mg/L	0.06	0.2	93.2	≤600	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
pH at 25 degree C		-	-	7.1	6.5-9.2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Bangkok
Sulfate *	mg/L	0.15	0.5	119	≤250	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Total Dissolved solids Dried at 180 degree C *	mg/L	-	5	727	≤1200	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Bangkok
Total Hardness as CaCO ₃ *	mg/L	-	1	509	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2340 C	Bangkok
Turbidity *	NTU	-	0.1	16	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2130 B	Bangkok
Water Level *	m	-	-	7.00	No Standard	Water Level Meter	Bangkok
Well Depth *	m	-	-	9.10	No Standard	Water Level Meter	Bangkok

Guideline : Groundwater Quality Standards for Drinking Purposes set by Notification of Ministry of Natural Resources and Environment B.E. 2551, Maximum allowable., (1) Suitable Allowance
Sampling By : Teerawat Puangsuk

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :

Project Name : Saraburi Factory Plant

Project Location :



TESTING
No.0009

Lot ID: 2472459

Date Received : Jul 09, 2024

Date Reported : Jul 15, 2024

Report Number : 3034282-1

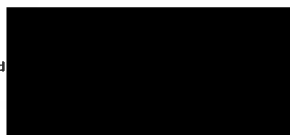
Page 9 of 18

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.
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Analysis / Test Report

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Thailand 18260

P/O :

Project Name : Saraburi Factory Plant

Project Location :



TESTING
No.0009

Lot ID: 2472459

Date Received : Jul 09, 2024

Date Reported : Jul 15, 2024

Report Number : 3034282-1

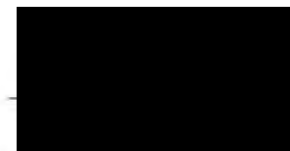
Page 10 of 18

Sample Number 2472459-4
Sampled Date Jul 09, 2024 2:10 PM
Sample Description Groundwater
Location บ้านหินลับ (Ban Hinlub) (GPS 47P 729020, 1623174)
Date Analysis Commenced Jul 10, 2024
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
Metals Testing							
Arsenic	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
Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Copper	mg/L	0.0003	0.0005	0.002	≤1.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Iron	mg/L	0.003	0.005	0.01	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Lead	mg/L	0.0003	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
Manganese	mg/L	0.0003	0.0005	0.004	≤0.50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Selenium	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

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
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Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :



TESTING
No.0009

Lot ID: 2472459
Date Received : Jul 09, 2024
Date Reported : Jul 15, 2024
Report Number : 3034282-1

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Sample Number	2472459-4						
Sampled Date	Jul 09, 2024 2:10 PM						
Sample Description	Groundwater						
Location	บ้านหินลับ (Ban Hinlub) (GPS 47P 729020, 1623174)						
Date Analysis Commenced	Jul 10, 2024						
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
Metals Testing							
Zinc	mg/L	0.003	0.005	0.006	≤15	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Water Testing							
Chloride as Cl *	mg/L	0.06	0.2	23.8	≤600	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
pH at 25 degree C		-	-	7.2	6.5-9.2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Bangkok
Sulfate *	mg/L	0.15	0.5	57.4	≤250	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Total Dissolved solids Dried at 180 degree C *	mg/L	-	5	523	≤1200	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Bangkok
Total Hardness as CaCO3 *	mg/L	-	1	457	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2340 C	Bangkok
Turbidity *	NTU	-	0.1	0.45	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2130 B	Bangkok
Water Level *	m	-	-	4.60	No Standard	Water Level Meter	Bangkok
Well Depth *	m	-	-	21.80	No Standard	Water Level Meter	Bangkok

Guideline : Groundwater Quality Standards for Drinking Purposes set by Notification of Ministry of Natural Resources and Environment B.E. 2551, Maximum allowable., (1) Suitable Allowance

Sampling By : Teerawat Puangsuk

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S: Reports_All_GL rpt (S:10791)



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :



TESTING
No.0009

Lot ID: 2472459
Date Received : Jul 09, 2024
Date Reported : Jul 15, 2024
Report Number : 3034282-1

Page 12 of 18

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.

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S: Reports_All_GL rpt (S:10791)



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :



TESTING
No.0009

Lot ID: 2472459

Date Received : Jul 09, 2024
Date Reported : Jul 15, 2024
Report Number : 3034282-1

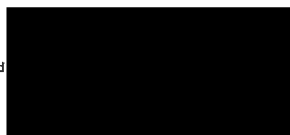
Page 13 of 18

Sample Number 2472459-5
Sampled Date Jul 09, 2024 2:50 PM
Sample Description Groundwater
Location บ้านท่าสะพานหิน (Ban Tumsapanhin) (GPS 47P 731802, 1619096)
Date Analysis Commenced Jul 10, 2024
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
Metals Testing							
Arsenic	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
Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Copper	mg/L	0.0003	0.0005	0.001	≤1.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Iron	mg/L	0.003	0.005	<0.005	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Lead	mg/L	0.0003	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
Manganese	mg/L	0.0003	0.0005	0.002	≤0.50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Selenium	mg/L	0.0003	0.0005	0.004	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok

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S:\Report\AIL_GL.rpt (5/3991)



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :



TESTING
No.0009

Lot ID: 2472459

Date Received : Jul 09, 2024
Date Reported : Jul 15, 2024
Report Number : 3034282-1

Page 14 of 18

Sample Number 2472459-5
Sampled Date Jul 09, 2024 2:50 PM
Sample Description Groundwater
Location บ้านท่าสะพานหิน (Ban Tumsapanhin) (GPS 47P 731802, 1619096)
Date Analysis Commenced Jul 10, 2024
Condition of Sample Contained in two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

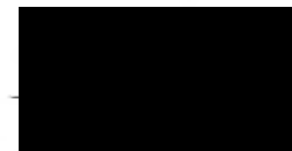
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Zinc	mg/L	0.003	0.005	0.02	≤15	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Water Testing							
Chloride as Cl *	mg/L	0.06	0.2	34.7	≤600	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
pH at 25 degree C		-	-	7.0	6.5-9.2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Bangkok
Sulfate *	mg/L	0.15	0.5	51.0	≤250	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Total Dissolved solids Dried at 180 degree C *	mg/L	-	5	547	≤1200	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Bangkok
Total Hardness as CaCO3 *	mg/L	-	1	495	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2340 C	Bangkok
Turbidity *	NTU	-	0.1	0.30	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2130 B	Bangkok
Water Level *	m	-	-	8.21	No Standard	Water Level Meter	Bangkok
Well Depth *	m	-	-	11.50	No Standard	Water Level Meter	Bangkok

Guideline : Groundwater Quality Standards for Drinking Purposes set by Notification of Ministry of Natural Resources and Environment B.E. 2551, Maximum allowable, (1) Suitable Allowance

Sampling By : Teerawat Puangsuk

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :



TESTING
No.0009

Lot ID: 2472459
Date Received : Jul 09, 2024
Date Reported : Jul 15, 2024
Report Number : 3034282-1

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.

Page 15 of 18



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :



TESTING
No.0009

Lot ID: 2472459
Date Received : Jul 09, 2024
Date Reported : Jul 15, 2024
Report Number : 3034282-1

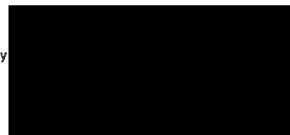
Sample Number 2472459-6
Sampled Date Jul 09, 2024 3:50 PM
Sample Description Groundwater
Location บ่อบึงเพื่อการอนุรักษ์โครงการ P17 (SCCC monitoring well (P17)) (GPS 47P 247278, 1616297)
Date Analysis Commenced Jul 10, 2024
Condition of Sample Contained in two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Arsenic	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
Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Copper	mg/L	0.0003	0.0005	Not Detected	≤1.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Iron	mg/L	0.003	0.005	3.62	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Lead	mg/L	0.0003	0.0005	0.001	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Manganese	mg/L	0.0003	0.0005	0.08	≤0.50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Selenium	mg/L	0.0003	0.0005	<0.0005	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok

Page 16 of 18

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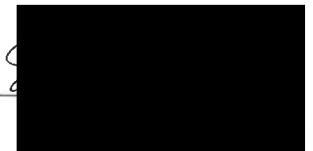
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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :



TESTING
No.0009

Lot ID: 2472459
Date Received : Jul 09, 2024
Date Reported : Jul 15, 2024
Report Number : 3034282-1

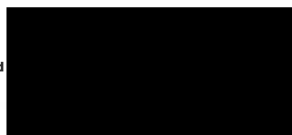
Page 17 of 18

Sample Number	2472459-6						
Sampled Date	Jul 09, 2024 3:50 PM						
Sample Description	Groundwater						
Location	บ่อดึงเพื่อการชลประทานโครงการ P17 (SCCC monitoring well (P17)) (GPS 47P 724778, 1616297)						
Date Analysis Commenced	Jul 10, 2024						
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
Metals Testing							
Zinc	mg/L	0.003	0.005	0.88	≤15	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Water Testing							
Chloride as Cl *	mg/L	0.06	0.2	10.4	≤600	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
pH at 25 degree C		-	-	7.4	6.5-9.2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Bangkok
Sulfate *	mg/L	0.15	0.5	17.6	≤250	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Total Dissolved solids Dried at 180 degree C *	mg/L	-	5	261	≤1200	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Bangkok
Total Hardness as CaCO3 *	mg/L	-	1	228	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2340 C	Bangkok
Turbidity *	NTU	-	0.1	25	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2130 B	Bangkok
Water Level *	m	-	-	17.30	No Standard	Water Level Meter	Bangkok
Well Depth *	m	-	-	30.20	No Standard	Water Level Meter	Bangkok

Guideline : Groundwater Quality Standards for Drinking Purposes set by Notification of Ministry of Natural Resources and Environment B.E. 2551, Maximum allowable., (1) Suitable Allowance
Sampling By : Teerawat Puangsuk

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :



TESTING
No.0009

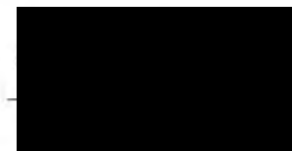
Lot ID: 2472459
Date Received : Jul 09, 2024
Date Reported : Jul 15, 2024
Report Number : 3034282-1

Page 18 of 18

Remark :
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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :



TESTING
No.0009

Lot ID: 2482167

Date Received : Aug 07, 2024
Date Reported : Aug 14, 2024
Report Number : 3059039-1

Page 1 of 18

Sample Number 2482167-1
Sampled Date Aug 07, 2024 11:40 AM
Sample Description Groundwater
Location บ้านผาสด (Ban Phasadet) (GPS 47P 726821, 1619633)
Date Analysis Commenced Aug 08, 2024
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
Metals Testing							
Arsenic	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
Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Copper	mg/L	0.0003	0.0005	0.0009	≤1.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Iron	mg/L	0.003	0.005	0.15	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Lead	mg/L	0.0003	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
Manganese	mg/L	0.0003	0.0005	0.03	≤0.50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Selenium	mg/L	0.0003	0.0005	Not Detected	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :



TESTING
No.0009

Lot ID: 2482167

Date Received : Aug 07, 2024
Date Reported : Aug 14, 2024
Report Number : 3059039-1

Page 2 of 18

Sample Number 2482167-1
Sampled Date Aug 07, 2024 11:40 AM
Sample Description Groundwater
Location บ้านผาสด (Ban Phasadet) (GPS 47P 726821, 1619633)
Date Analysis Commenced Aug 08, 2024
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
Metals Testing							
Zinc	mg/L	0.003	0.005	0.01	≤15	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Water Testing							
Chloride as Cl *	mg/L	0.06	0.2	123	≤600	In - house method : STM 04-004 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
pH at 25 degree C		-	-	6.8	6.5-9.2	In-house method : STM 04-003 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Bangkok
Sulfate *	mg/L	0.15	0.5	85.7	≤250	In - house method : STM 04-004 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Total Dissolved solids Dried at 180 degree C *	mg/L	-	5	1000	≤1200	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Bangkok
Total Hardness as CaCO3 *	mg/L	-	1	719	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2340 C	Bangkok
Turbidity *	NTU	-	0.1	1.3	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2130 B	Bangkok

Guideline : Groundwater Quality Standards for Drinking Purposes set by Notification of Ministry of Natural Resources and Environment B.E. 2551, Maximum allowable., (1) Suitable Allowance

Sampling By : Teerawat Puangsuks

Remark :

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :

Project Name : Saraburi Factory Plant

Project Location :



TESTING
No.0009

Lot ID: 2482167

Date Received : Aug 07, 2024

Date Reported : Aug 14, 2024

Report Number : 3059039-1

Page 3 of 18

- 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.



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :

Project Name : Saraburi Factory Plant

Project Location :



TESTING
No.0009

Lot ID: 2482167

Date Received : Aug 07, 2024

Date Reported : Aug 14, 2024

Report Number : 3059039-1

Page 4 of 18

Sample Number 2482167-2
Sampled Date Aug 07, 2024 2:10 PM
Sample Description Groundwater
Location บ้านซับหมอบ (Ban Subbhorn) (GPS 47P 728166, 1612200)
Date Analysis Commenced Aug 08, 2024
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
Metals Testing							
Arsenic	mg/L	0.0003	0.0005	0.004	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Copper	mg/L	0.0003	0.0005	Not Detected	≤1.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Iron	mg/L	0.003	0.005	0.87	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Lead	mg/L	0.0003	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
Manganese	mg/L	0.0003	0.0005	0.65	≤0.50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Selenium	mg/L	0.0003	0.0005	Not Detected	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok

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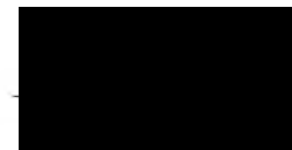
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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location:



TESTING
No.0009

Lot ID: 2482167
Date Received : Aug 07, 2024
Date Reported : Aug 14, 2024
Report Number : 3059039-1

Page 5 of 18

Sample Number	2482167-2						
Sampled Date	Aug 07, 2024 2:10 PM						
Sample Description	Groundwater						
Location	บ้านซับhorn (Ban Subhorn) (GPS 47P 728166, 1612200)						
Date Analysis Commenced	Aug 08, 2024						
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
Metals Testing							
Zinc	mg/L	0.003	0.005	Not Detected	≤15	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Water Testing							
Chloride as Cl *	mg/L	0.06	0.2	154	≤600	In - house method : STM 04-004 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
pH at 25 degree C		-	-	7.2	6.5-9.2	In-house method : STM 04-003 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Bangkok
Sulfate *	mg/L	0.15	0.5	70.2	≤250	In - house method : STM 04-004 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Total Dissolved solids Dried at 180 degree C *	mg/L	-	5	767	≤1200	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Bangkok
Total Hardness as CaCO ₃ *	mg/L	-	1	435	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2340 C	Bangkok
Turbidity *	NTU	-	0.1	9.1	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2130 B	Bangkok
Water Level *	m	-	-	12.80	No Standard	Water Level Meter	Bangkok
Well Depth *	m	-	-	16.50	No Standard	Water Level Meter	Bangkok

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location:



TESTING
No.0009

Lot ID: 2482167
Date Received : Aug 07, 2024
Date Reported : Aug 14, 2024
Report Number : 3059039-1

Page 6 of 18

Guideline : Groundwater Quality Standards for Drinking Purposes set by Notification of Ministry of Natural Resources and Environment B.E. 2551, Maximum allowable., (1) Suitable Allowance
Sampling By : Teerawat Puangsuk

Remark :

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

Client : Siam City Cement Public Company Limited
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Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :



TESTING
No.0009

Lot ID: 2482167
Date Received : Aug 07, 2024
Date Reported : Aug 14, 2024
Report Number : 3059039-1

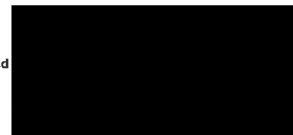
Page 7 of 18

Sample Number 2482167-3
Sampled Date Aug 07, 2024 2:15 PM
Sample Description Groundwater
Location บ้านสะพานสี่ (Ban Sapansi) (GPS 47P 726430, 1618121)
Date Analysis Commenced Aug 08, 2024
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
Metals Testing							
Arsenic	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
Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Copper	mg/L	0.0003	0.0005	<0.0005	≤1.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Iron	mg/L	0.003	0.005	0.24	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Lead	mg/L	0.0003	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
Manganese	mg/L	0.0003	0.0005	0.02	≤0.50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Selenium	mg/L	0.0003	0.0005	0.002	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
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Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :



TESTING
No.0009

Lot ID: 2482167
Date Received : Aug 07, 2024
Date Reported : Aug 14, 2024
Report Number : 3059039-1

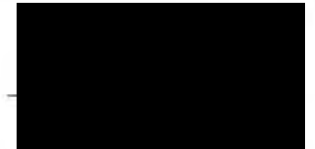
Page 8 of 18

Sample Number 2482167-3
Sampled Date Aug 07, 2024 2:15 PM
Sample Description Groundwater
Location บ้านสะพานสี่ (Ban Sapansi) (GPS 47P 726430, 1618121)
Date Analysis Commenced Aug 08, 2024
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
Metals Testing							
Zinc	mg/L	0.003	0.005	0.006	≤15	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Water Testing							
Chloride as Cl *	mg/L	0.06	0.2	48.8	≤600	In - house method : STM 04-004 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
pH at 25 degree C	-	-	-	6.6	6.5-9.2	In-house method : STM 04-003 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Bangkok
Sulfate *	mg/L	0.15	0.5	99.3	≤250	In - house method : STM 04-004 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Total Dissolved solids Dried at 180 degree C *	mg/L	-	5	347	≤1200	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Bangkok
Total Hardness as CaCO3 *	mg/L	-	1	148	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2340 C	Bangkok
Turbidity *	NTU	-	0.1	10	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2130 B	Bangkok
Water Level *	m	-	-	7.80	No Standard	Water Level Meter	Bangkok
Well Depth *	m	-	-	9.10	No Standard	Water Level Meter	Bangkok

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
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Thailand 18260

P/O :

Project Name : Saraburi Factory Plant

Project Location :



TESTING
No.0009

Lot ID: 2482167

Date Received : Aug 07, 2024

Date Reported : Aug 14, 2024

Report Number : 3059039-1

Page 9 of 18

Guideline : Groundwater Quality Standards for Drinking Purposes set by Notification of Ministry of Natural Resources and Environment B.E. 2551, Maximum allowable, (1) Suitable Allowance

Sampling By : Teerawat Puangsuk

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.
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Analysis / Test Report

Client : Siam City Cement Public Company Limited
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Thailand 18260

P/O :

Project Name : Saraburi Factory Plant

Project Location :



TESTING
No.0009

Lot ID: 2482167

Date Received : Aug 07, 2024

Date Reported : Aug 14, 2024

Report Number : 3059039-1

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Sample Number 2482167-4
Sampled Date Aug 07, 2024 12:00 PM
Sample Description Groundwater
Location บ้านหินลับ (Ban Hinlub) (GPS 47P 729020, 1623174)
Date Analysis Commenced Aug 08, 2024
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
Metals Testing							
Arsenic	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
Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Copper	mg/L	0.0003	0.0005	0.0006	≤1.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Iron	mg/L	0.003	0.005	0.03	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Lead	mg/L	0.0003	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
Manganese	mg/L	0.0003	0.0005	0.01	≤0.50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Selenium	mg/L	0.0003	0.0005	0.002	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
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Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

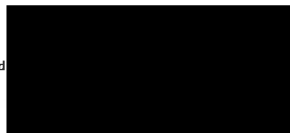
TESTING
No.0009
Lot ID: 2482167
Date Received : Aug 07, 2024
Date Reported : Aug 14, 2024
Report Number : 3059039-1

Page 11 of 18

Sample Number	2482167-4						
Sampled Date	Aug 07, 2024 12:00 PM						
Sample Description	Groundwater						
Location	บ้านหินลูบ (Ban Hinlub) (GPS 47P 729020, 1623174)						
Date Analysis Commenced	Aug 08, 2024						
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
Metals Testing							
Zinc	mg/L	0.003	0.005	Not Detected	≤15	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3175 B, 3030 F	Bangkok
Water Testing							
Chloride as Cl *	mg/L	0.06	0.2	26.3	≤600	In - house method : STM 04-004 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
pH at 25 degree C		-	-	6.9	6.5-9.2	In-house method : STM 04-003 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Bangkok
Sulfate *	mg/L	0.15	0.5	62.7	≤250	In - house method : STM 04-004 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Total Dissolved solids Dried at 180 degree C *	mg/L	-	5	555	≤1200	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Bangkok
Total Hardness as CaCO ₃ *	mg/L	-	1	463	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2340 C	Bangkok
Turbidity *	NTU	-	0.1	0.70	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2130 B	Bangkok
Water Level *	m	-	-	6.00	No Standard	Water Level Meter	Bangkok
Well Depth *	m	-	-	24.20	No Standard	Water Level Meter	Bangkok

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :

TESTING
No.0009
Lot ID: 2482167
Date Received : Aug 07, 2024
Date Reported : Aug 14, 2024
Report Number : 3059039-1

Page 12 of 18

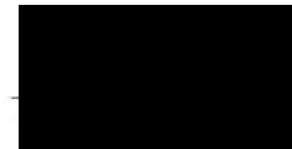
Guideline : Groundwater Quality Standards for Drinking Purposes set by Notification of Ministry of Natural Resources and Environment B.E. 2551, Maximum allowable., (1) Suitable Allowance
Sampling By : Teerawat Puangsuk

Remark :

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

Client : Siam City Cement Public Company Limited
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Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :



TESTING
No.0009

Lot ID: 2482167

Date Received : Aug 07, 2024
Date Reported : Aug 14, 2024
Report Number : 3059039-1

Page 13 of 18

Sample Number 2482167-5
Sampled Date Aug 07, 2024 1:40 PM
Sample Description Groundwater
Location บ้านท่าสะพานหิน (Ban Tumsapanhin) (GPS 47P 731802, 1619096)
Date Analysis Commenced Aug 08, 2024
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
Metals Testing							
Arsenic	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
Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Copper	mg/L	0.0003	0.0005	<0.0005	≤1.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Iron	mg/L	0.003	0.005	0.02	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Lead	mg/L	0.0003	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
Manganese	mg/L	0.0003	0.0005	0.001	≤0.50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Selenium	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

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2095-717/ETIALL

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :



TESTING
No.0009

Lot ID: 2482167

Date Received : Aug 07, 2024
Date Reported : Aug 14, 2024
Report Number : 3059039-1

Page 14 of 18

Sample Number 2482167-5
Sampled Date Aug 07, 2024 1:40 PM
Sample Description Groundwater
Location บ้านท่าสะพานหิน (Ban Tumsapanhin) (GPS 47P 731802, 1619096)
Date Analysis Commenced Aug 08, 2024
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
Metals Testing							
Zinc	mg/L	0.003	0.005	0.01	≤15	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Water Testing							
Chloride as Cl *	mg/L	0.06	0.2	29.7	≤600	In - house method : STM 04-004 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
pH at 25 degree C		-	-	6.9	6.5-9.2	In-house method : STM 04-003 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Bangkok
Sulfate *	mg/L	0.15	0.5	53.2	≤250	In - house method : STM 04-004 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Total Dissolved solids Dried at 180 degree C *	mg/L	-	5	545	≤1200	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Bangkok
Total Hardness as CaCO3 *	mg/L	-	1	465	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2340 C	Bangkok
Turbidity *	NTU	-	0.1	0.55	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2130 B	Bangkok
Water Level *	m	-	-	9.30	No Standard	Water Level Meter	Bangkok
Well Depth *	m	-	-	28.40	No Standard	Water Level Meter	Bangkok

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :

Project Name : Saraburi Factory Plant

Project Location :



TESTING
No.0009

Lot ID: 2482167

Date Received : Aug 07, 2024

Date Reported : Aug 14, 2024

Report Number : 3059039-1

Page 15 of 18

Guideline : Groundwater Quality Standards for Drinking Purposes set by Notification of Ministry of Natural Resources and Environment B.E. 2551, Maximum allowable., (1) Suitable Allowance

Sampling By : Teerawat Puangsuk

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.

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :

Project Name : Saraburi Factory Plant

Project Location :



TESTING
No.0009

Lot ID: 2482167

Date Received : Aug 07, 2024

Date Reported : Aug 14, 2024

Report Number : 3059039-1

Page 16 of 18

Sample Number	2482167-6						
Sampled Date	Aug 07, 2024 2:30 PM						
Sample Description	Groundwater						
Location	บ่อบึงเพื่อการชลประทาน P17 (SCCC monitoring well (P17)) (GPS 47P 724778, 1616297)						
Date Analysis Commenced	Aug 08, 2024						
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
Metals Testing							
Arsenic	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
Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.01	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Copper	mg/L	0.0003	0.0005	Not Detected	≤1.5	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Iron	mg/L	0.003	0.005	0.55	≤1.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Lead	mg/L	0.0003	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
Manganese	mg/L	0.0003	0.0005	0.14	≤0.50	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Selenium	mg/L	0.0003	0.0005	0.0006	≤0.01	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :



TESTING
No.0009

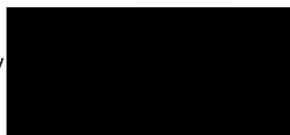
Lot ID: 2482167
Date Received : Aug 07, 2024
Date Reported : Aug 14, 2024
Report Number : 3059039-1

Page 17 of 18

Sample Number	2482167-6					
Sampled Date	Aug 07, 2024 2:30 PM					
Sample Description	Groundwater					
Location	บ่อบึงการปนเปื้อนโครงการ P17 (SCCC monitoring well (P17)) (GPS 47P 724778, 1616297)					
Date Analysis Commenced	Aug 08, 2024					
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
Metals Testing						
Zinc	mg/L	0.003	0.005	1.81	≤15	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F
Water Testing						
Chloride as Cl *	mg/L	0.06	0.2	7.7	≤600	In - house method : STM 04-004 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B
pH at 25 degree C		-	-	7.5	6.5-9.2	In-house method : STM 04-003 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)
Sulfate *	mg/L	0.15	0.5	15.2	≤250	In - house method : STM 04-004 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B
Total Dissolved solids Dried at 180 degree C *	mg/L	-	5	255	≤1200	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C
Total Hardness as CaCO ₃ *	mg/L	-	1	239	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2340 C
Turbidity *	NTU	-	0.1	2.1	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2130 B
Water Level *	m	-	-	9.20	No Standard	Water Level Meter
Well Depth *	m	-	-	28.40	No Standard	Water Level Meter

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :



TESTING
No.0009

Lot ID: 2482167
Date Received : Aug 07, 2024
Date Reported : Aug 14, 2024
Report Number : 3059039-1

Page 18 of 18

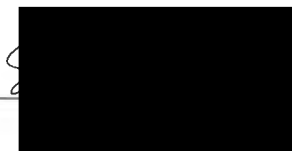
Guideline : Groundwater Quality Standards for Drinking Purposes set by Notification of Ministry of Natural Resources and Environment B.E. 2551, Maximum allowable, (1) Suitable Allowance
Sampling By : Teerawat Puangsuk

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.
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Analysis / Test Report

Client : Siam City Cement Public Company Limited
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Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :



TESTING
No.0009

Lot ID: 2488652

Date Received : Sep 02, 2024
Date Reported : Sep 07, 2024
Report Number : 3099281-1

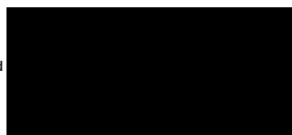
Page 1 of 18

Sample Number 2488652-1
Sampled Date Sep 02, 2024 11:10 AM
Sample Description Groundwater
Location บ้านผาสด (Ban Phasadet) (GPS 47P 726821, 1619633)
Date Analysis Commenced Sep 03, 2024
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
Metals Testing							
Arsenic	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
Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Copper	mg/L	0.0003	0.0005	0.002	≤1.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Iron	mg/L	0.003	0.005	1.15	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Lead	mg/L	0.0003	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
Manganese	mg/L	0.0003	0.0005	0.04	≤0.50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Selenium	mg/L	0.0003	0.0005	Not Detected	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :



TESTING
No.0009

Lot ID: 2488652

Date Received : Sep 02, 2024
Date Reported : Sep 07, 2024
Report Number : 3099281-1

Page 2 of 18

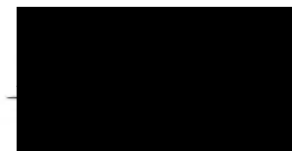
Sample Number 2488652-1
Sampled Date Sep 02, 2024 11:10 AM
Sample Description Groundwater
Location บ้านผาสด (Ban Phasadet) (GPS 47P 726821, 1619633)
Date Analysis Commenced Sep 03, 2024
Condition of Sample Contained in two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Zinc	mg/L	0.003	0.005	0.006	≤15	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Water Testing							
Chloride as Cl *	mg/L	0.06	0.2	142	≤600	In - house method : STM 04-004 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
pH at 25 degree C		-	-	6.6	6.5-9.2	In-house method : STM 04-003 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Bangkok
Sulfate *	mg/L	0.15	0.5	93.6	≤250	In - house method : STM 04-004 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Total Dissolved solids Dried at 180 degree C *	mg/L	-	5	974	≤1200	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Bangkok
Total Hardness as CaCO3 *	mg/L	-	1	701	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2340 C	Bangkok
Turbidity *	NTU	-	0.1	1.9	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2130 B	Bangkok
Water Level *	m	-	-	19.20	No Standard	Water Level Meter	Bangkok

Guideline : Groundwater Quality Standards for Drinking Purposes set by Notification of Ministry of Natural Resources and Environment B.E. 2551, Maximum allowable., (1) Suitable Allowance

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :



TESTING
No.0009

Lot ID: 2488652
Date Received : Sep 02, 2024
Date Reported : Sep 07, 2024
Report Number : 3099281-1

Page 3 of 18

Sampling By : Teerawat Puangsuk

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.



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :



TESTING
No.0009

Lot ID: 2488652
Date Received : Sep 02, 2024
Date Reported : Sep 07, 2024
Report Number : 3099281-1

Page 4 of 18

Sample Number 2488652-2
Sampled Date Sep 02, 2024 12:10 PM
Sample Description Groundwater
Location บ้านสวนบ่อ (Ban Subbhorn) (GPS 47P 728166, 1612200)
Date Analysis Commenced Sep 03, 2024
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
Metals Testing							
Arsenic	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
Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Copper	mg/L	0.0003	0.0005	0.0008	≤1.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Iron	mg/L	0.003	0.005	0.01	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Lead	mg/L	0.0003	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
Manganese	mg/L	0.0003	0.0005	0.005	≤0.50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Selenium	mg/L	0.0003	0.0005	0.002	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok

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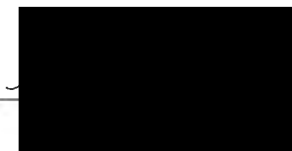
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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :



TESTING
No.0009

Lot ID: 2488652
Date Received : Sep 02, 2024
Date Reported : Sep 07, 2024
Report Number : 3099281-1

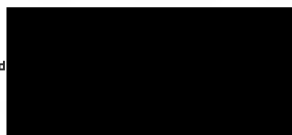
Page 5 of 18

Sample Number 2488652-2
Sampled Date Sep 02, 2024 12:10 PM
Sample Description Groundwater
Location บ้านขมิ้นหมอน (Ban Subbhorn) (GPS 47P 728166, 1612200)
Date Analysis Commenced Sep 03, 2024
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
Metals Testing							
Zinc	mg/L	0.003	0.005	0.04	≤15	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Water Testing							
Chloride as Cl *	mg/L	0.06	0.2	31.1	≤600	In - house method : STM 04-004 based on Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
pH at 25 degree C		-	-	6.8	6.5-9.2	In-house method : STM 04-003 based on Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Bangkok
Sulfate *	mg/L	0.15	0.5	55.8	≤250	In - house method : STM 04-004 based on Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Total Dissolved solids Dried at 180 degree C *	mg/L	-	5	554	≤1200	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Bangkok
Total Hardness as CaCO3 *	mg/L	-	1	503	≤500	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 23rd ed., 2017, part 2340 C	Bangkok
Turbidity *	NTU	-	0.1	0.30	≤20	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 23rd ed., 2017, part 2130 B	Bangkok
Water Level *	m	-	-	8.10	No Standard	Water Level Meter	Bangkok
Well Depth *	m	-	-	16.50	No Standard	Water Level Meter	Bangkok

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :



TESTING
No.0009

Lot ID: 2488652
Date Received : Sep 02, 2024
Date Reported : Sep 07, 2024
Report Number : 3099281-1

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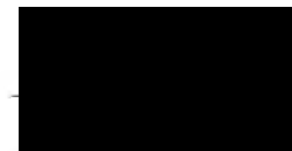
Guideline : Groundwater Quality Standards for Drinking Purposes set by Notification of Ministry of Natural Resources and Environment B.E. 2551, Maximum allowable., (1) Suitable Allowance
Sampling By : Teerawat Puangsuk

Remark :

- LOD : Limit of Detection
- "c" : Lower than LOQ (Limit of Quantation) / 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.

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :



TESTING
No.0009

Lot ID: 2488652
Date Received : Sep 02, 2024
Date Reported : Sep 07, 2024
Report Number : 3099281-1

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Sample Number 2488652-3
Sampled Date Sep 02, 2024 12:15 PM
Sample Description Groundwater
Location บ้านสะพานสี่ (Ban Sapansi) (GPS 47P 726430, 1618121)
Date Analysis Commenced Sep 03, 2024
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
Metals Testing							
Arsenic	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
Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Copper	mg/L	0.0003	0.0005	0.0008	≤1.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Iron	mg/L	0.003	0.005	0.07	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Lead	mg/L	0.0003	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
Manganese	mg/L	0.0003	0.0005	0.02	≤0.50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Selenium	mg/L	0.0003	0.0005	0.002	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :



TESTING
No.0009

Lot ID: 2488652
Date Received : Sep 02, 2024
Date Reported : Sep 07, 2024
Report Number : 3099281-1

Page 8 of 18

Sample Number 2488652-3
Sampled Date Sep 02, 2024 12:15 PM
Sample Description Groundwater
Location บ้านสะพานสี่ (Ban Sapansi) (GPS 47P 726430, 1618121)
Date Analysis Commenced Sep 03, 2024
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
Metals Testing							
Zinc	mg/L	0.003	0.005	0.03	≤15	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Water Testing							
Chloride as Cl *	mg/L	0.06	0.2	39.2	≤600	In - house method : STM 04-004 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
pH at 25 degree C		-	-	6.8	6.5-9.2	In-house method : STM 04-003 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Bangkok
Sulfate *	mg/L	0.15	0.5	76.3	≤250	In - house method : STM 04-004 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Bangkok
Total Dissolved solids Dried at 180 degree C *	mg/L	-	5	523	≤1200	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Bangkok
Total Hardness as CaCO3 *	mg/L	-	1	391	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2340 C	Bangkok
Turbidity *	NTU	-	0.1	2.3	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2130 B	Bangkok
Water Level *	m	-	-	7.25	No Standard	Water Level Meter	Bangkok
Well Depth *	m	-	-	9.10	No Standard	Water Level Meter	Bangkok

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh, Saraburi
Thailand 18260

P/O :

Project Name : Saraburi Factory Plant

Project Location :



TESTING
No.0009

Lot ID: 2488652

Date Received : Sep 02, 2024

Date Reported : Sep 07, 2024

Report Number : 3099281-1

Page 9 of 18

Guideline : Groundwater Quality Standards for Drinking Purposes set by Notification of Ministry of Natural Resources and Environment B.E. 2551, Maximum allowable, (1) Suitable Allowance

Sampling By : Teerawat Puangsuk

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

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
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Thailand 18260

P/O :

Project Name : Saraburi Factory Plant

Project Location :



TESTING
No.0009

Lot ID: 2488652

Date Received : Sep 02, 2024

Date Reported : Sep 07, 2024

Report Number : 3099281-1

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Sample Number 2488652-4
Sampled Date Sep 02, 2024 11:25 AM
Sample Description Groundwater
Location บ้านหินปูน (Ban Hinlun) (GPS 47P 729020, 1623174)
Date Analysis Commenced Sep 03, 2024
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
Metals Testing							
Arsenic	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
Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Copper	mg/L	0.0003	0.0005	0.0010	≤1.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Iron	mg/L	0.003	0.005	0.02	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Lead	mg/L	0.0003	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
Manganese	mg/L	0.0003	0.0005	0.01	≤0.50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Selenium	mg/L	0.0003	0.0005	0.002	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :



TESTING
No.0009

Lot ID: 2488652

Date Received : Sep 02, 2024
Date Reported : Sep 07, 2024
Report Number : 3099281-1

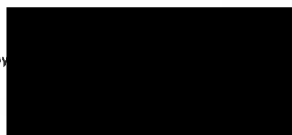
Page 11 of 18

Sample Number 2488652-4
Sampled Date Sep 02, 2024 11:25 AM
Sample Description Groundwater
Location บ้านหินลับ (Ban Hinlub) (GPS 47P 729020, 1623174)
Date Analysis Commenced Sep 03, 2024
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
Metals Testing							
Zinc	mg/L	0.003	0.005	0.008	≤15	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Water Testing							
Chloride as Cl *	mg/L	0.06	0.2	25.8	≤600	In - house method : STM 04-004 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
pH at 25 degree C		-	-	6.8	6.5-9.2	In-house method : STM 04-003 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Bangkok
Sulfate *	mg/L	0.15	0.5	73.2	≤250	In - house method : STM 04-004 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Total Dissolved solids Dried at 180 degree C *	mg/L	-	5	584	≤1200	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Bangkok
Total Hardness as CaCO3 *	mg/L	-	1	496	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2340 C	Bangkok
Turbidity *	NTU	-	0.1	1.1	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2130 B	Bangkok
Water Level *	m	-	-	4.00	No Standard	Water Level Meter	Bangkok
Well Depth *	m	-	-	24.20	No Standard	Water Level Meter	Bangkok

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :



TESTING
No.0009

Lot ID: 2488652

Date Received : Sep 02, 2024
Date Reported : Sep 07, 2024
Report Number : 3099281-1

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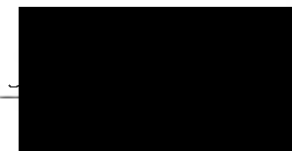
Guideline : Groundwater Quality Standards for Drinking Purposes set by Notification of Ministry of Natural Resources and Environment B.E. 2551, Maximum allowable, (1) Suitable Allowance
Sampling By : Teerawat Puangsuk

Remark :

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

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Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :



TESTING
No.0009

Lot ID: 2488652
Date Received : Sep 02, 2024
Date Reported : Sep 07, 2024
Report Number : 3099281-1

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Sample Number 2488652-5
Sampled Date Sep 02, 2024 11:58 AM
Sample Description Groundwater
Location บ้านท่าสะพานหิน (Ban Tumsapanhin) (GPS 47P 731802, 1619096)
Date Analysis Commenced Sep 03, 2024
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
Metals Testing							
Arsenic	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
Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Copper	mg/L	0.0003	0.0005	0.009	≤1.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Iron	mg/L	0.003	0.005	0.02	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Lead	mg/L	0.0003	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
Manganese	mg/L	0.0003	0.0005	0.002	≤0.50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Selenium	mg/L	0.0003	0.0005	0.002	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoh, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :



TESTING
No.0009

Lot ID: 2488652
Date Received : Sep 02, 2024
Date Reported : Sep 07, 2024
Report Number : 3099281-1

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Sample Number 2488652-5
Sampled Date Sep 02, 2024 11:58 AM
Sample Description Groundwater
Location บ้านท่าสะพานหิน (Ban Tumsapanhin) (GPS 47P 731802, 1619096)
Date Analysis Commenced Sep 03, 2024
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
Metals Testing							
Zinc	mg/L	0.003	0.005	0.04	≤15	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Water Testing							
Chloride as Cl *	mg/L	0.06	0.2	31.0	≤600	In - house method : STM 04-004 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
pH at 25 degree C		-	-	6.7	6.5-9.2	In-house method : STM 04-003 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Bangkok
Sulfate *	mg/L	0.15	0.5	56.4	≤250	In - house method : STM 04-004 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Total Dissolved solids Dried at 180 degree C *	mg/L	-	5	562	≤1200	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Bangkok
Total Hardness as CaCO3 *	mg/L	-	1	503	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2340 C	Bangkok
Turbidity *	NTU	-	0.1	0.35	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2130 B	Bangkok
Water Level *	m	-	-	3.90	No Standard	Water Level Meter	Bangkok
Well Depth *	m	-	-	28.40	No Standard	Water Level Meter	Bangkok

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. No part of this report 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 : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :



TESTING
No.0009
Lot ID: 2488652
Date Received : Sep 02, 2024
Date Reported : Sep 07, 2024
Report Number : 3099281-1

Page 15 of 18

Guideline : Groundwater Quality Standards for Drinking Purposes set by Notification of Ministry of Natural Resources and Environment B.E. 2551, Maximum allowable., (1) Suitable Allowance
Sampling By : Teerawat Puangsuk

Remark :

- LOD : Limit of Detection
- "c" : 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

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :



TESTING
No.0009
Lot ID: 2488652
Date Received : Sep 02, 2024
Date Reported : Sep 07, 2024
Report Number : 3099281-1

Page 16 of 18

Sample Number : 2488652-6
Sampled Date : Sep 02, 2024 12:25 PM
Sample Description : Groundwater
Location : บ่อสังเกตการณ์ของโครงการ P17 (SCCC monitoring well (P17)) (GPS 47P 724778, 1616297)
Date Analysis Commenced : Sep 03, 2024
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
Metals Testing							
Arsenic	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
Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Copper	mg/L	0.0003	0.0005	0.0007	≤1.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Iron	mg/L	0.003	0.005	0.05	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Lead	mg/L	0.0003	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
Manganese	mg/L	0.0003	0.0005	0.007	≤0.50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Selenium	mg/L	0.0003	0.0005	0.002	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :



TESTING
No.0009
Lot ID: 2488652
Date Received : Sep 02, 2024
Date Reported : Sep 07, 2024
Report Number : 3099281-1

Page 17 of 18

Sample Number	2488652-6						
Sampled Date	Sep 02, 2024 12:25 PM						
Sample Description	Groundwater						
Location	ปล่องการปล่อยโครงการ P17 (SCCC monitoring well (P17)) (GPS 47P 724778, 1616297)						
Date Analysis Commenced	Sep 03, 2024						
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
Metals Testing							
Zinc	mg/L	0.003	0.005	0.03	≤15	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Bangkok
Water Testing							
Chloride as Cl *	mg/L	0.06	0.2	39.2	≤600	In - house method : STM 04-004 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
pH at 25 degree C				6.9	6.5-9.2	In-house method : STM 04-003 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Bangkok
Sulfate *	mg/L	0.15	0.5	75.8	≤250	In - house method : STM 04-004 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Total Dissolved solids Dried at 180 degree C *	mg/L		5	529	≤1200	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Bangkok
Total Hardness as CaCO3 *	mg/L		1	403	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2340 C	Bangkok
Turbidity *	NTU		0.1	2.2	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2130 B	Bangkok
Water Level *	m			9.70	No Standard	Water Level Meter	Bangkok
Well Depth *	m			28.40	No Standard	Water Level Meter	Bangkok

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260

P/O :
Project Name : Saraburi Factory Plant
Project Location :



TESTING
No.0009
Lot ID: 2488652
Date Received : Sep 02, 2024
Date Reported : Sep 07, 2024
Report Number : 3099281-1

Page 18 of 18

Guideline : Groundwater Quality Standards for Drinking Purposes set by Notification of Ministry of Natural Resources and Environment B.E. 2551, Maximum allowable., (1) Suitable Allowance
Sampling By : Teerawat Puangsuk

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.

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi,
Saraburi Thailand 18260
P/O : 4100119854
Project Name : Saraburi Factory Plant
Project Location :



TESTING
No.0009
Lot ID: 24109718
Date Received : Oct 01, 2024
Date Reported : Oct 10, 2024
Report Number : 3118605-1

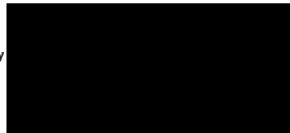
Page 1 of 18

Sample Number 24109718-1
Sampled Date Oct 01, 2024 1:35 PM
Sample Description Groundwater
Location บ้านผาสดัก (Ban Phasadet) (GPS 47P 726821, 1619633)
Date Analysis Commenced Oct 02, 2024
Condition of Sample Contained in two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Metals Testing								
Arsenic	mg/L	0.0003	0.0005	0.0005	Not Detected	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Cadmium	mg/L	0.0003	0.0005	Not Detected	Not Detected	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Copper	mg/L	0.0003	0.0005	0.0006	≤1.0	≤1.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Iron	mg/L	0.003	0.005	0.18	≤0.5	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Lead	mg/L	0.0003	0.0005	Not Detected	Not Detected	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Manganese	mg/L	0.0003	0.0005	0.02	≤0.3	≤0.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Selenium	mg/L	0.0003	0.0005	0.0007	Not Detected	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi,
Saraburi Thailand 18260
P/O : 4100119854
Project Name : Saraburi Factory Plant
Project Location :



TESTING
No.0009
Lot ID: 24109718
Date Received : Oct 01, 2024
Date Reported : Oct 10, 2024
Report Number : 3118605-1

Page 2 of 18

Sample Number 24109718-1
Sampled Date Oct 01, 2024 1:35 PM
Sample Description Groundwater
Location บ้านผาสดัก (Ban Phasadet) (GPS 47P 726821, 1619633)
Date Analysis Commenced Oct 02, 2024
Condition of Sample Contained in two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Metals Testing								
Zinc	mg/L	0.003	0.005	<0.005	≤5	≤15	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Water Testing								
Chloride as Cl *	mg/L	0.06	0.2	191	≤250	≤600	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4110 B	Bangkok
pH at 25 degree C	-	-	-	6.7	7.0-8.5	6.5-9.2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Bangkok
Sulfate *	mg/L	0.15	0.5	156	≤200	≤250	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4110 B	Bangkok
Total Dissolved solids Dried at 180 degree C *	mg/L	-	5	1064	≤600	≤1200	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Bangkok
Total Hardness as CaCO3 *	mg/L	-	1	711	≤300	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2340 C	Bangkok
Turbidity *	NTU	-	0.1	0.60	≤5	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2130 B	Bangkok

Guideline : Notification of the Ministry of Natural Resource and Environment, dated March 24, B.E.2551 (2008), published in the Royal Government Gazette, Vol. 125, Part 85 D, dated May 21, B.E.2551 (2008).
(1) Suitable Allowance, (2) Maximum allowable.

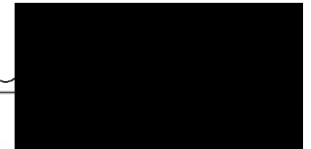
Sampling By : Teerawat Puangsuk

Remark :

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

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi,
Saraburi Thailand 18260
P/O : 4100119854
Project Name : Saraburi Factory Plant
Project Location :



TESTING
No.0009
Lot ID: 24109718
Date Received : Oct 01, 2024
Date Reported : Oct 10, 2024
Report Number : 3118605-1

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Analyte(s) marked * is/are not included in scope of Accreditation ISO/IEC 17025.
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Client : Siam City Cement Public Company Limited
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Saraburi Thailand 18260
P/O : 4100119854
Project Name : Saraburi Factory Plant
Project Location :



TESTING
No.0009
Lot ID: 24109718
Date Received : Oct 01, 2024
Date Reported : Oct 10, 2024
Report Number : 3118605-1

Page 4 of 18

Sample Number 24109718-2
Sampled Date Oct 01, 2024 12:36 PM
Sample Description Groundwater
Location บ้านขมิ้นขาว (Ban Subbhorn) (GPS 47P 728166, 1612200)
Date Analysis Commenced Oct 02, 2024
Condition of Sample Contained in two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Metals Testing								
Arsenic	mg/L	0.0003	0.0005	0.003	Not Detected	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Cadmium	mg/L	0.0003	0.0005	Not Detected	Not Detected	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Copper	mg/L	0.0003	0.0005	Not Detected	≤1.0	≤1.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Iron	mg/L	0.003	0.005	3.31	≤0.5	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Lead	mg/L	0.0003	0.0005	0.0006	Not Detected	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Manganese	mg/L	0.0003	0.0005	0.84	≤0.3	≤0.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Selenium	mg/L	0.0003	0.0005	Not Detected	Not Detected	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi,
Saraburi Thailand 18260
P/O : 4100119854
Project Name : Saraburi Factory Plant
Project Location :



TESTING
No.0009
Lot ID: 24109718
Date Received : Oct 01, 2024
Date Reported : Oct 10, 2024
Report Number : 3118605-1

Page 5 of 18

Sample Number 24109718-2
Sampled Date Oct 01, 2024 12:36 PM
Sample Description Groundwater
Location บ้านซับhorn (Ban Subhorn) (GPS 47P 728166, 1612200)
Date Analysis Commenced Oct 02, 2024
Condition of Sample Contained in two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Metals Testing								
Zinc	mg/L	0.003	0.005	0.06	≤5	≤15	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Water Testing								
Chloride as Cl *	mg/L	0.06	0.2	186	≤250	≤600	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4110 B	Bangkok
pH at 25 degree C	-	-	-	6.9	7.0-8.5	6.5-9.2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Bangkok
Sulfate *	mg/L	0.15	0.5	181	≤200	≤250	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4110 B	Bangkok
Total Dissolved solids Dried at 180 degree C *	mg/L	-	5	790	≤600	≤1200	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Bangkok
Total Hardness as CaCO3 *	mg/L	-	1	488	≤300	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2340 C	Bangkok
Turbidity *	NTU	-	0.1	8.8	≤5	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2130 B	Bangkok
Water Level *	m	-	-	8.10	No Standard	No Standard	Water Level Meter	Bangkok
Well Depth *	m	-	-	16.50	No Standard	No Standard	Water Level Meter	Bangkok

Guideline : Notification of the Ministry of Natural Resource and Environment, dated March 24, B.E.2551 (2008), published in the Royal Government Gazette, Vol. 125, Part 85 D, dated May 21, B.E.2551 (2008).
(1) Suitable Allowance, (2) Maximum allowable.

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi,
Saraburi Thailand 18260
P/O : 4100119854
Project Name : Saraburi Factory Plant
Project Location :



TESTING
No.0009
Lot ID: 24109718
Date Received : Oct 01, 2024
Date Reported : Oct 10, 2024
Report Number : 3118605-1

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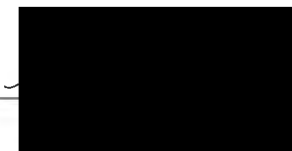
Sampling By : Teerawat Puangsuk

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.

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi,
Saraburi Thailand 18260
P/O : 4100119854
Project Name : Saraburi Factory Plant
Project Location :



TESTING
No.0009
Lot ID: 24109718
Date Received : Oct 01, 2024
Date Reported : Oct 10, 2024
Report Number : 3118605-1

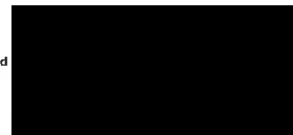
Page 7 of 18

Sample Number	24109718-3						
Sampled Date	Oct 01, 2024 12:13 PM						
Sample Description	Groundwater						
Location	บ้านสะพานสี่ (Ban Sapansi) (GPS 47P 726430, 1618121)						
Date Analysis Commenced	Oct 02, 2024						
Condition of Sample	Contained in two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Metals Testing								
Arsenic	mg/L	0.0003	0.0005	0.0007	Not Detected	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Cadmium	mg/L	0.0003	0.0005	Not Detected	Not Detected	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Copper	mg/L	0.0003	0.0005	0.0008	≤1.0	≤1.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Iron	mg/L	0.0003	0.0005	0.25	≤0.5	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Lead	mg/L	0.0003	0.0005	Not Detected	Not Detected	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Manganese	mg/L	0.0003	0.0005	0.02	≤0.3	≤0.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Selenium	mg/L	0.0003	0.0005	0.003	Not Detected	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi,
Saraburi Thailand 18260
P/O : 4100119854
Project Name : Saraburi Factory Plant
Project Location :



TESTING
No.0009
Lot ID: 24109718
Date Received : Oct 01, 2024
Date Reported : Oct 10, 2024
Report Number : 3118605-1

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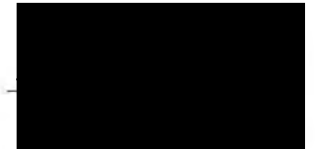
Sample Number	24109718-3						
Sampled Date	Oct 01, 2024 12:43 PM						
Sample Description	Groundwater						
Location	บ้านสะพานสี่ (Ban Sapansi) (GPS 47P 726430, 1618121)						
Date Analysis Commenced	Oct 02, 2024						
Condition of Sample	Contained in two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Metals Testing								
Zinc	mg/L	0.003	0.005	0.010	≤5	≤15	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Water Testing								
Chloride as Cl *	mg/L	0.06	0.2	35.2	≤250	≤600	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4110 B	Bangkok
pH at 25 degree C		-	-	6.7	7.0-8.5	6.5-9.2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Bangkok
Sulfate *	mg/L	0.15	0.5	159	≤200	≤250	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4110 B	Bangkok
Total Dissolved solids Dried at 180 degree C *	mg/L	-	5	312	≤600	≤1200	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Bangkok
Total Hardness as CaCO3 *	mg/L	-	1	127	≤300	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2340 C	Bangkok
Turbidity *	NTU	-	0.1	13	≤5	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2130 B	Bangkok
Water Level *	m	-	-	4.60	No Standard	No Standard	Water Level Meter	Bangkok
Well Depth *	m	-	-	9.10	No Standard	No Standard	Water Level Meter	Bangkok

Guideline : Notification of the Ministry of Natural Resource and Environment, dated March 24, B.E.2551 (2008), published in the Royal Government Gazette, Vol. 125, Part 85 D, dated May 21, B.E.2551 (2008).
(1) Suitable Allowance, (2) Maximum allowable.

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi,
Saraburi Thailand 18260
P/O : 4100119854
Project Name : Saraburi Factory Plant
Project Location :



TESTING
No.0009
Lot ID: 24109718
Date Received : Oct 01, 2024
Date Reported : Oct 10, 2024
Report Number : 3118605-1

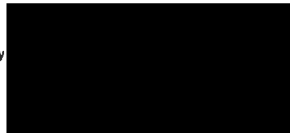
Page 9 of 18

Sampling By : Teerawat Puangsuk

Remark :
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi,
Saraburi Thailand 18260
P/O : 4100119854
Project Name : Saraburi Factory Plant
Project Location :



TESTING
No.0009
Lot ID: 24109718
Date Received : Oct 01, 2024
Date Reported : Oct 10, 2024
Report Number : 3118605-1

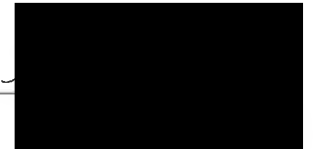
Page 10 of 18

Sample Number : 24109718-4
Sampled Date : Oct 01, 2024 11:50 AM
Sample Description : Groundwater
Location : บ้านหินลับ (Ban Hinlub) (GPS 47P 729020, 1623174)
Date Analysis Commenced : Oct 02, 2024
Condition of Sample : Contained in two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Metals Testing								
Arsenic	mg/L	0.0003	0.0005	Not Detected	Not Detected	≤0.05	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Cadmium	mg/L	0.0003	0.0005	Not Detected	Not Detected	≤0.01	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Copper	mg/L	0.0003	0.0005	0.002	≤1.0	≤1.5	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Iron	mg/L	0.003	0.005	<0.005	≤0.5	≤1.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Lead	mg/L	0.0003	0.0005	Not Detected	Not Detected	≤0.05	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Manganese	mg/L	0.0003	0.0005	0.004	≤0.3	≤0.5	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Selenium	mg/L	0.0003	0.0005	0.003	Not Detected	≤0.01	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok

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Analysis / Test Report

Client : Siam City Cement Public Company Limited

99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi,
Saraburi Thailand 18260

P/O : 4100119854

Project Name : Saraburi Factory Plant

Project Location :



TESTING

No.0009

Lot ID: 24109718

Date Received : Oct 01, 2024

Date Reported : Oct 10, 2024

Report Number : 3118605-1

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Sample Number	24109718-4							
Sampled Date	Oct 01, 2024 11:50 AM							
Sample Description	Groundwater							
Location	บ้านหินลับ (Ban Hinlue) (GPS 47P 729020, 1623174)							
Date Analysis Commenced	Oct 02, 2024							
Condition of Sample	Contained in two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)							
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Metals Testing								
Zinc	mg/L	0.003	0.005	<0.005	≤5	≤15	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Bangkok
Water Testing								
Chloride as Cl *	mg/L	0.06	0.2	25.4	≤250	≤600	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4110 B	Bangkok
pH at 25 degree C	-	-	-	7.2	7.0-8.5	6.5-9.2	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Bangkok
Sulfate *	mg/L	0.15	0.5	106	≤200	≤250	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4110 B	Bangkok
Total Dissolved solids Dried at 180 degree C *	mg/L	-	5	576	≤600	≤1200	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Bangkok
Total Hardness as CaCO3 *	mg/L	-	1	515	≤300	≤500	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2340 C	Bangkok
Turbidity *	NTU	-	0.1	0.25	≤5	≤20	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2130 B	Bangkok
Water Level *	m	-	-	4.53	No Standard	No Standard	Water Level Meter	Bangkok
Well Depth *	m	-	-	24.20	No Standard	No Standard	Water Level Meter	Bangkok

Guideline : Notification of the Ministry of Natural Resource and Environment, dated March 24, B.E.2551 (2008), published in the Royal Government Gazette, Vol. 125, Part 85 D, dated May 21, B.E.2551 (2008).
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Analysis / Test Report

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Saraburi Thailand 18260

P/O : 4100119854

Project Name : Saraburi Factory Plant

Project Location :



TESTING

No.0009

Lot ID: 24109718

Date Received : Oct 01, 2024

Date Reported : Oct 10, 2024

Report Number : 3118605-1

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Sampling By : Teerawat Puangsuk

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.
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Analysis / Test Report

Client : Siam City Cement Public Company Limited
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Saraburi Thailand 18260
P/O : 4100119854
Project Name : Saraburi Factory Plant
Project Location :



TESTING
No.0009
Lot ID: 24109718
Date Received : Oct 01, 2024
Date Reported : Oct 10, 2024
Report Number : 3118605-1

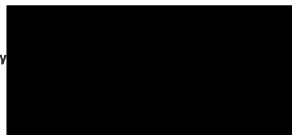
Page 13 of 18

Sample Number 24109718-5
Sampled Date Oct 01, 2024 12:20 PM
Sample Description Groundwater
Location บ้านท่ามะพร้าว (Ban Tumsapanhin) (GPS 47P 731802, 1619096)
Date Analysis Commenced Oct 02, 2024
Condition of Sample Contained in two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Metals Testing								
Arsenic	mg/L	0.0003	0.0005	<0.0005	Not Detected	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Cadmium	mg/L	0.0003	0.0005	Not Detected	Not Detected	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Copper	mg/L	0.0003	0.0005	Not Detected	≤1.0	≤1.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Iron	mg/L	0.003	0.005	0.72	≤0.5	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Lead	mg/L	0.0003	0.0005	Not Detected	Not Detected	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Manganese	mg/L	0.0003	0.0005	0.008	≤0.3	≤0.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Selenium	mg/L	0.0003	0.0005	0.002	Not Detected	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi,
Saraburi Thailand 18260
P/O : 4100119854
Project Name : Saraburi Factory Plant
Project Location :



TESTING
No.0009
Lot ID: 24109718
Date Received : Oct 01, 2024
Date Reported : Oct 10, 2024
Report Number : 3118605-1

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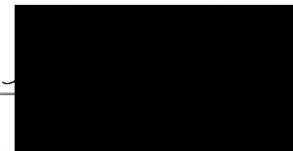
Sample Number 24109718-5
Sampled Date Oct 01, 2024 12:20 PM
Sample Description Groundwater
Location บ้านท่ามะพร้าว (Ban Tumsapanhin) (GPS 47P 731802, 1619096)
Date Analysis Commenced Oct 02, 2024
Condition of Sample Contained in two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Metals Testing								
Zinc	mg/L	0.003	0.005	0.007	≤5	≤15	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Water Testing								
Chloride as Cl *	mg/L	0.06	0.2	32.1	≤250	≤600	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4110 B	Bangkok
pH at 25 degree C	-	-	-	6.9	7.0-8.5	6.5-9.2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Bangkok
Sulfate *	mg/L	0.15	0.5	94.0	≤200	≤250	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4110 B	Bangkok
Total Dissolved solids Dried at 180 degree C *	mg/L	-	5	555	≤600	≤1200	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Bangkok
Total Hardness as CaCO3 *	mg/L	-	1	509	≤300	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2340 C	Bangkok
Turbidity *	NTU	-	0.1	1.2	≤5	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2130 B	Bangkok
Water Level *	m	-	-	2.42	No Standard	No Standard	Water Level Meter	Bangkok
Well Depth *	m	-	-	28.40	No Standard	No Standard	Water Level Meter	Bangkok

Guideline : Notification of the Ministry of Natural Resource and Environment, dated March 24, B.E.2551 (2008), published in the Royal Government Gazette, Vol. 125, Part 85 D, dated May 21, B.E.2551 (2008).
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Analysis / Test Report

Client : Siam City Cement Public Company Limited

99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi,
Saraburi Thailand 18260

P/O : 4100119854

Project Name : Saraburi Factory Plant

Project Location :



TESTING
No.0009

Lot ID: 24109718

Date Received : Oct 01, 2024

Date Reported : Oct 10, 2024

Report Number : 3118605-1

Page 15 of 18

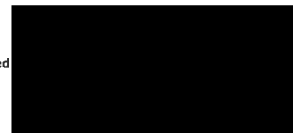
Sampling By : Teerawat Puangsuk

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.

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Analysis / Test Report

Client : Siam City Cement Public Company Limited

99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi,
Saraburi Thailand 18260

P/O : 4100119854

Project Name : Saraburi Factory Plant

Project Location :



TESTING
No.0009

Lot ID: 24109718

Date Received : Oct 01, 2024

Date Reported : Oct 10, 2024

Report Number : 3118605-1

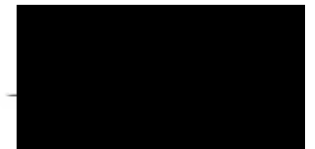
Page 16 of 18

Sample Number 24109718-6
Sampled Date Oct 01, 2024 2:05 PM
Sample Description Groundwater
Location บ่อส่งผลการทดลองโครงการ P17 (SCCC monitoring well (P17)) (GPS 47P 724778, 1616297)
Date Analysis Commenced Oct 02, 2024
Condition of Sample Contained in two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Metals Testing								
Arsenic	mg/L	0.0003	0.0005	Not Detected	Not Detected	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Cadmium	mg/L	0.0003	0.0005	Not Detected	Not Detected	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Copper	mg/L	0.0003	0.0005	0.001	≤1.0	≤1.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Iron	mg/L	0.003	0.005	0.07	≤0.5	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Lead	mg/L	0.0003	0.0005	0.0009	Not Detected	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Manganese	mg/L	0.0003	0.0005	0.15	≤0.3	≤0.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Selenium	mg/L	0.0003	0.0005	<0.0005	Not Detected	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi,
Saraburi Thailand 18260
P/O : 4100119854
Project Name : Saraburi Factory Plant
Project Location :



TESTING
No.0009
Lot ID: 24109718
Date Received : Oct 01, 2024
Date Reported : Oct 10, 2024
Report Number : 3118605-1

Page 17 of 18

Sample Number	24109718-6							
Sampled Date	Oct 01, 2024 2:05 PM							
Sample Description	Groundwater							
Location	แปลงผลการตรวจโครงการ P17 (SCCC monitoring well (P17)) (GPS 47P 724778, 1616297)							
Date Analysis Commenced	Oct 02, 2024							
Condition of Sample	Contained in two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)							
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Metals Testing								
Zinc	mg/L	0.003	0.005	2.10	≤5	≤15	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Water Testing								
Chloride as Cl *	mg/L	0.06	0.2	9.1	≤250	≤600	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4110 B	Bangkok
pH at 25 degree C		-	-	7.4	7.0-8.5	6.5-9.2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Bangkok
Sulfate *	mg/L	0.15	0.5	30.8	≤200	≤250	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4110 B	Bangkok
Total Dissolved solids Dried at 180 degree C *	mg/L	-	5	269	≤600	≤1200	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Bangkok
Total Hardness as CaCO3 *	mg/L	-	1	262	≤300	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2340 C	Bangkok
Turbidity *	NTU	-	0.1	2.1	≤5	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2130 B	Bangkok
Water Level *	m	-	-	7.52	No Standard	No Standard	Water Level Meter	Bangkok
Well Depth *	m	-	-	30.04	No Standard	No Standard	Water Level Meter	Bangkok

Guideline : Notification of the Ministry of Natural Resource and Environment, dated March 24, B.E.2551 (2008), published in the Royal Government Gazette, Vol. 125, Part 85 D, dated May 21, B.E.2551 (2008).
(1) Suitable Allowance, (2) Maximum allowable.

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi,
Saraburi Thailand 18260
P/O : 4100119854
Project Name : Saraburi Factory Plant
Project Location :



TESTING
No.0009
Lot ID: 24109718
Date Received : Oct 01, 2024
Date Reported : Oct 10, 2024
Report Number : 3118605-1

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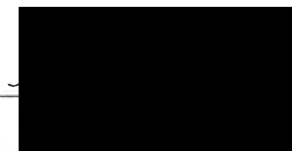
Sampling By : Teerawat Puangsuk

Remark :

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

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260
P/O : 4100119854
Project Name : Saraburi Factory Plant
Project Location :



TESTING
No.0009
Lot ID: 24121291
Date Received : Nov 06, 2024
Date Reported : Nov 14, 2024
Report Number : 3145222-1

Page 1 of 18

Sample Number	24121291-1						
Sampled Date	Nov 05, 2024 11:30 AM						
Sample Description	Groundwater						
Location	บ้านผาเสด็จ (Ban Phasadet) (GPS 47P 726821, 1619633)						
Date Analysis Commenced	Nov 07, 2024						
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
Metals Testing							
Arsenic	mg/L	0.0003	0.0005	Not Detected	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Copper	mg/L	0.0003	0.0005	0.002	≤1.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Iron	mg/L	0.003	0.005	0.03	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Lead	mg/L	0.0003	0.0005	Not Detected	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Manganese	mg/L	0.0003	0.0005	0.02	≤0.50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Selenium	mg/L	0.0003	0.0005	<0.0005	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260
P/O : 4100119854
Project Name : Saraburi Factory Plant
Project Location :



TESTING
No.0009
Lot ID: 24121291
Date Received : Nov 06, 2024
Date Reported : Nov 14, 2024
Report Number : 3145222-1

Page 2 of 18

Sample Number	24121291-1						
Sampled Date	Nov 05, 2024 11:30 AM						
Sample Description	Groundwater						
Location	บ้านผาเสด็จ (Ban Phasadet) (GPS 47P 726821, 1619633)						
Date Analysis Commenced	Nov 07, 2024						
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
Metals Testing							
Zinc	mg/L	0.003	0.005	0.005	≤15	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Water Testing							
Chloride as Cl *	mg/L	0.06	0.2	196	≤600	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4110 B	Bangkok
pH at 25 degree C		-	-	7.2	6.5-9.2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Bangkok
Sulfate *	mg/L	0.15	0.5	94.1	≤250	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4110 B	Bangkok
Total Dissolved solids Dried at 180 degree C *	mg/L	-	5	1097	≤1200	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Bangkok
Total Hardness as CaCO3 *	mg/L	-	1	787	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2340 C	Bangkok
Turbidity *	NTU	-	0.1	0.40	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2130 B	Bangkok
Water Level *	m	-	-	13.30	No Standard	Water Level Meter	Bangkok

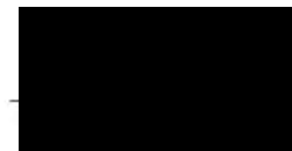
Guideline : Groundwater Quality Standards for Drinking Purposes set by Notification of Ministry of Natural Resources and Environment B.E. 2551, Maximum allowable.

Sampling By : Teerawat Puangsuk

Remark :

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhroi, Saraburi
Thailand 18260
P/O : 4100119854
Project Name : Saraburi Factory Plant
Project Location :



TESTING
No.0009

Lot ID: 24121291
Date Received : Nov 06, 2024
Date Reported : Nov 14, 2024
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Page 3 of 18

LOD : Limit of Detection
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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhroi, Saraburi
Thailand 18260
P/O : 4100119854
Project Name : Saraburi Factory Plant
Project Location :



TESTING
No.0009

Lot ID: 24121291
Date Received : Nov 06, 2024
Date Reported : Nov 14, 2024
Report Number : 3145222-1

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Sample Number 24121291-2
Sampled Date Nov 05, 2024 12:20 PM
Sample Description Groundwater
Location บ้านซับhorn (Ban Subhorn) (GPS 47P 728166, 1612200)
Date Analysis Commenced Nov 07, 2024
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
Metals Testing							
Arsenic	mg/L	0.0003	0.0005	0.004	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Copper	mg/L	0.0003	0.0005	Not Detected	≤1.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Iron	mg/L	0.003	0.005	1.01	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Lead	mg/L	0.0003	0.0005	Not Detected	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Manganese	mg/L	0.0003	0.0005	0.84	≤0.50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Selenium	mg/L	0.0003	0.0005	Not Detected	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260
P/O : 4100119854
Project Name : Saraburi Factory Plant
Project Location :



TESTING
No.0009
Lot ID: 24121291
Date Received : Nov 06, 2024
Date Reported : Nov 14, 2024
Report Number : 3145222-1

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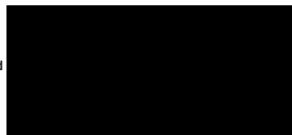
Sample Number	24121291-2						
Sampled Date	Nov 05, 2024 12:20 PM						
Sample Description	Groundwater						
Location	บ้านหนองบัว (Ban Subbhorn) (GPS 47P 728166, 1612200)						
Date Analysis Commenced	Nov 07, 2024						
Condition of Sample	Contained in two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Zinc	mg/L	0.003	0.005	Not Detected	≤15	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Water Testing							
Chloride as Cl *	mg/L	0.06	0.2	209	≤600	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4110 B	Bangkok
pH at 25 degree C	-	-	-	7.1	6.5-9.2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Bangkok
Sulfate *	mg/L	0.15	0.5	146	≤250	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4110 B	Bangkok
Total Dissolved solids Dried at 180 degree C *	mg/L	-	5	865	≤1200	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Bangkok
Total Hardness as CaCO3 *	mg/L	-	1	558	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2340 C	Bangkok
Turbidity *	NTU	-	0.1	70	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2130 B	Bangkok
Water Level *	m	-	-	5.20	No Standard	Water Level Meter	Bangkok
Well Depth *	m	-	-	16.50	No Standard	Water Level Meter	Bangkok

Guideline : Groundwater Quality Standards for Drinking Purposes set by Notification of Ministry of Natural Resources and Environment B.E. 2551, Maximum allowable.

Sampling By : Teerawat Puangsuk

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Analysis / Test Report

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99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260
P/O : 4100119854
Project Name : Saraburi Factory Plant
Project Location :



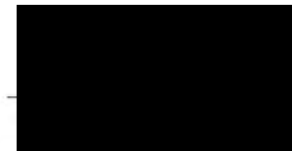
TESTING
No.0009
Lot ID: 24121291
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Report Number : 3145222-1

Page 6 of 18

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
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Thailand 18260
P/O : 4100119854
Project Name : Saraburi Factory Plant
Project Location :



TESTING
No.0009

Lot ID: 24121291
Date Received : Nov 06, 2024
Date Reported : Nov 14, 2024
Report Number : 3145222-1

Page 7 of 18

Sample Number 24121291-3
Sampled Date Nov 05, 2024 12:30 PM
Sample Description Groundwater
Location บ้านสะพาน (Ban Sapan) (GPS 47P 726430, 1618121)
Date Analysis Commenced Nov 07, 2024
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
Metals Testing							
Arsenic	mg/L	0.0003	0.0005	0.001	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Copper	mg/L	0.0003	0.0005	0.002	≤1.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Iron	mg/L	0.003	0.005	0.25	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Lead	mg/L	0.0003	0.0005	Not Detected	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Manganese	mg/L	0.0003	0.0005	0.11	≤0.50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Selenium	mg/L	0.0003	0.0005	Not Detected	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhroi, Saraburi
Thailand 18260
P/O : 4100119854
Project Name : Saraburi Factory Plant
Project Location :



TESTING
No.0009

Lot ID: 24121291
Date Received : Nov 06, 2024
Date Reported : Nov 14, 2024
Report Number : 3145222-1

Page 8 of 18

Sample Number 24121291-3
Sampled Date Nov 05, 2024 12:30 PM
Sample Description Groundwater
Location บ้านสะพาน (Ban Sapan) (GPS 47P 726430, 1618121)
Date Analysis Commenced Nov 07, 2024
Condition of Sample Contained in two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

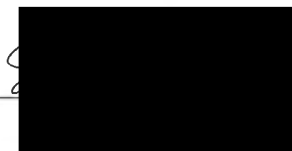
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Zinc	mg/L	0.003	0.005	0.005	≤15	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Water Testing							
Chloride as Cl *	mg/L	0.06	0.2	55.5	≤600	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4110 B	Bangkok
pH at 25 degree C		-	-	7.2	6.5-9.2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Bangkok
Sulfate *	mg/L	0.15	0.5	52.0	≤250	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4110 B	Bangkok
Total Dissolved solids Dried at 180 degree C *	mg/L	-	5	450	≤1200	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Bangkok
Total Hardness as CaCO3 *	mg/L	-	1	369	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2340 C	Bangkok
Turbidity *	NTU	-	0.1	3.5	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2130 B	Bangkok
Water Level *	m	-	-	4.06	No Standard	Water Level Meter	Bangkok
Well Depth *	m	-	-	9.10	No Standard	Water Level Meter	Bangkok

Guideline : Groundwater Quality Standards for Drinking Purposes set by Notification of Ministry of Natural Resources and Environment B.E. 2551, Maximum allowable.

Sampling By : Teerawat Puangsuk

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260
P/O : 4100119854
Project Name : Saraburi Factory Plant
Project Location :



TESTING
No.0009

Lot ID: 24121291
Date Received : Nov 06, 2024
Date Reported : Nov 14, 2024
Report Number : 3145222-1

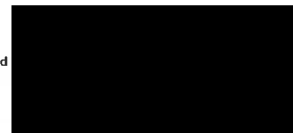
Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantation) / 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.

Page 9 of 18

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
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Thailand 18260
P/O : 4100119854
Project Name : Saraburi Factory Plant
Project Location :



TESTING
No.0009

Lot ID: 24121291
Date Received : Nov 06, 2024
Date Reported : Nov 14, 2024
Report Number : 3145222-1

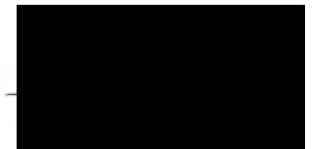
Page 10 of 18

Sample Number 24121291-4
Sampled Date Nov 05, 2024 11:40 AM
Sample Description Groundwater
Location บ้านหินลับ (Ban Hinlub) (GPS 47P 729020, 1623174)
Date Analysis Commenced Nov 07, 2024
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
Metals Testing							
Arsenic	mg/L	0.0003	0.0005	Not Detected	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Copper	mg/L	0.0003	0.0005	0.0008	≤1.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Iron	mg/L	0.003	0.005	0.008	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Lead	mg/L	0.0003	0.0005	Not Detected	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Manganese	mg/L	0.0003	0.0005	0.003	≤0.50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Selenium	mg/L	0.0003	0.0005	0.004	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260
P/O : 4100119854
Project Name : Saraburi Factory Plant
Project Location :



TESTING
No.0009

Lot ID: 24121291
Date Received : Nov 06, 2024
Date Reported : Nov 14, 2024
Report Number : 3145222-1

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Sample Number 24121291-4
Sampled Date Nov 05, 2024 11:40 AM
Sample Description Groundwater
Location บ้านหินลับ (Ban Hinlup) (GPS 47P 729020, 1623174)
Date Analysis Commenced Nov 07, 2024
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
Metals Testing							
Zinc	mg/L	0.003	0.005	0.006	≤15	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Water Testing							
Chloride as Cl *	mg/L	0.06	0.2	23.2	≤600	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4110 B	Bangkok
pH at 25 degree C	-	-	-	7.0	6.5-9.2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Bangkok
Sulfate *	mg/L	0.15	0.5	66.3	≤250	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4110 B	Bangkok
Total Dissolved solids Dried at 180 degree C *	mg/L	-	5	576	≤1200	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Bangkok
Total Hardness as CaCO ₃ *	mg/L	-	1	516	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2340 C	Bangkok
Turbidity *	NTU	-	0.1	0.50	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2130 B	Bangkok
Water Level *	m	-	-	3.20	No Standard	Water Level Meter	Bangkok
Well Depth *	m	-	-	24.20	No Standard	Water Level Meter	Bangkok

Guideline : Groundwater Quality Standards for Drinking Purposes set by Notification of Ministry of Natural Resources and Environment B.E. 2551, Maximum allowable.

Sampling By : Teerawat Puangsuk

Approved by

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260
P/O : 4100119854
Project Name : Saraburi Factory Plant
Project Location :



TESTING
No.0009

Lot ID: 24121291
Date Received : Nov 06, 2024
Date Reported : Nov 14, 2024
Report Number : 3145222-1

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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.

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260
P/O : 4100119854
Project Name : Saraburi Factory Plant
Project Location:



TESTING
No.0009

Lot ID: 24121291
Date Received : Nov 06, 2024
Date Reported : Nov 14, 2024
Report Number : 3145222-1

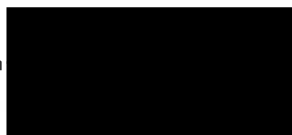
Page 13 of 18

Sample Number	24121291-5						
Sampled Date	Nov 05, 2024 12:10 PM						
Sample Description	Groundwater						
Location	บ้านท่าสะพานหิน (Ban Tumsapanhin) (GPS 47P 731802, 1619096)						
Date Analysis Commenced	Nov 07, 2024						
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
Metals Testing							
Arsenic	mg/L	0.0003	0.0005	Not Detected	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Copper	mg/L	0.0003	0.0005	0.0007	≤1.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Iron	mg/L	0.003	0.005	0.05	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Lead	mg/L	0.0003	0.0005	Not Detected	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Manganese	mg/L	0.0003	0.0005	0.01	≤0.50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Selenium	mg/L	0.0003	0.0005	0.001	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260
P/O : 4100119854
Project Name : Saraburi Factory Plant
Project Location:



TESTING
No.0009

Lot ID: 24121291
Date Received : Nov 06, 2024
Date Reported : Nov 14, 2024
Report Number : 3145222-1

Page 14 of 18

Sample Number	24121291-5						
Sampled Date	Nov 05, 2024 12:10 PM						
Sample Description	Groundwater						
Location	บ้านท่าสะพานหิน (Ban Tumsapanhin) (GPS 47P 731802, 1619096)						
Date Analysis Commenced	Nov 07, 2024						
Condition of Sample	Contained in two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						

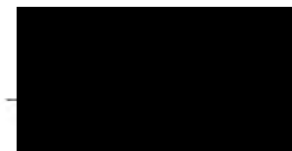
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Zinc	mg/L	0.003	0.005	0.009	≤15	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Water Testing							
Chloride as Cl *	mg/L	0.06	0.2	27.7	≤600	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4110 B	Bangkok
pH at 25 degree C	-	-	-	6.9	6.5-9.2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Bangkok
Sulfate *	mg/L	0.15	0.5	49.3	≤250	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4110 B	Bangkok
Total Dissolved solids Dried at 180 degree C *	mg/L	-	5	520	≤1200	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Bangkok
Total Hardness as CaCO3 *	mg/L	-	1	480	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2340 C	Bangkok
Turbidity *	NTU	-	0.1	0.45	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2130 B	Bangkok
Water Level *	m	-	-	3.02	No Standard	Water Level Meter	Bangkok
Well Depth *	m	-	-	28.40	No Standard	Water Level Meter	Bangkok

Guideline : Groundwater Quality Standards for Drinking Purposes set by Notification of Ministry of Natural Resources and Environment B.E. 2551, Maximum allowable.

Sampling By : Teerawat Puangasuk

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260
P/O : 4100119854
Project Name : Saraburi Factory Plant
Project Location :



TESTING
No.0009
Lot ID: 24121291
Date Received : Nov 06, 2024
Date Reported : Nov 14, 2024
Report Number : 3145222-1

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.

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260
P/O : 4100119854
Project Name : Saraburi Factory Plant
Project Location :



TESTING
No.0009
Lot ID: 24121291
Date Received : Nov 06, 2024
Date Reported : Nov 14, 2024
Report Number : 3145222-1

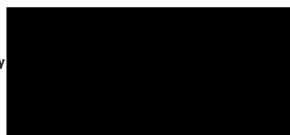
Sample Number 24121291-6
Sampled Date Nov 05, 2024 12:46 PM
Sample Description Groundwater
Location บ่าส่งผลการตรวจโครงการ P17 (SCCC monitoring well (P17)) (GPS 47P 724778, 1616297)
Date Analysis Commenced Nov 07, 2024
Condition of Sample Contained in two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Page 16 of 18

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Arsenic	mg/L	0.0003	0.0005	0.001	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Copper	mg/L	0.0003	0.0005	0.002	≤1.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Iron	mg/L	0.003	0.005	0.28	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Lead	mg/L	0.0003	0.0005	Not Detected	≤0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Manganese	mg/L	0.0003	0.0005	0.12	≤0.50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Selenium	mg/L	0.0003	0.0005	Not Detected	≤0.01	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok

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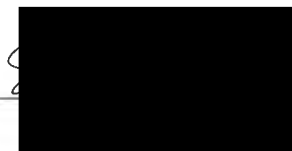
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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260
P/O : 4100119854
Project Name : Saraburi Factory Plant
Project Location :



TESTING
No.0009
Lot ID: 24121291
Date Received : Nov 06, 2024
Date Reported : Nov 14, 2024
Report Number : 3145222-1

Page 17 of 18

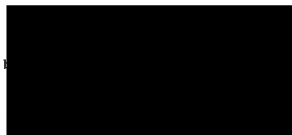
Sample Number	24121291-6						
Sampled Date	Nov 05, 2024 12:46 PM						
Sample Description	Groundwater						
Location	บ่อสังเกตการณ์ของโครงการ P17 (SCCC monitoring well (P17)) (GPS 47P 724778, 1616297)						
Date Analysis Commenced	Nov 07, 2024						
Condition of Sample	Contained in two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Zinc	mg/L	0.003	0.005	0.005	≤15	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Water Testing							
Chloride as Cl *	mg/L	0.06	0.2	111	≤600	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4110 B	Bangkok
pH at 25 degree C	-	-	-	7.2	6.5-9.2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Bangkok
Sulfate *	mg/L	0.15	0.5	88.9	≤250	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4110 B	Bangkok
Total Dissolved solids Dried at 180 degree C *	mg/L	-	5	522	≤1200	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Bangkok
Total Hardness as CaCO3 *	mg/L	-	1	363	≤500	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2340 C	Bangkok
Turbidity *	NTU	-	0.1	13	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2130 B	Bangkok
Water Level *	m	-	-	9.10	No Standard	Water Level Meter	Bangkok
Well Depth *	m	-	-	28.60	No Standard	Water Level Meter	Bangkok

Guideline : Groundwater Quality Standards for Drinking Purposes set by Notification of Ministry of Natural Resources and Environment B.E. 2551, Maximum allowable.

Sampling By : Teerawat Puangsuk

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260
P/O : 4100119854
Project Name : Saraburi Factory Plant
Project Location :



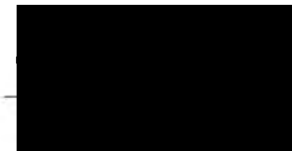
TESTING
No.0009
Lot ID: 24121291
Date Received : Nov 06, 2024
Date Reported : Nov 14, 2024
Report Number : 3145222-1

Page 18 of 18

Remark :
- LOD : Limit of Detection
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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260
P/O : 4100119854
Project Name : Saraburi Factory Plant
Project Location :



TESTING
No.0009

Lot ID: 24129542
Date Received :Dec 11, 2024
Date Reported :Dec 17, 2024
Report Number :3195522-1

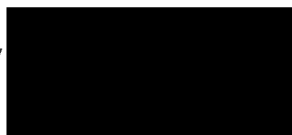
Page 1 of 12

Sample Number 24129542-1
Sampled Date Dec 11, 2024 1:30 PM
Sample Description Groundwater
Location บ้านผาสัด (Ban Phasadet) (GPS 47P 726821, 1619633)
Date Analysis Commenced Dec 12, 2024
Condition of Sample Contained in two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Metals Testing						
Arsenic	mg/L	0.0003	0.0005	<0.0005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Cadmium	mg/L	0.0003	0.0005	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Copper	mg/L	0.0003	0.0005	0.001	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Iron	mg/L	0.003	0.005	1.54	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Lead	mg/L	0.0003	0.0005	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Manganese	mg/L	0.0003	0.0005	0.03	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Selenium	mg/L	0.0003	0.0005	<0.0005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Zinc	mg/L	0.003	0.005	0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Water Testing						
Chloride as Cl *	mg/L	0.06	0.2	344	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4110 B	Bangkok
pH at 25 degree C		-	-	7.1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Bangkok
Sulfate *	mg/L	0.15	0.5	147	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4110 B	Bangkok

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260
P/O : 4100119854
Project Name : Saraburi Factory Plant
Project Location :



TESTING
No.0009

Lot ID: 24129542
Date Received :Dec 11, 2024
Date Reported :Dec 17, 2024
Report Number :3195522-1

Page 2 of 12

Sample Number 24129542-1
Sampled Date Dec 11, 2024 1:30 PM
Sample Description Groundwater
Location บ้านผาสัด (Ban Phasadet) (GPS 47P 726821, 1619633)
Date Analysis Commenced Dec 12, 2024
Condition of Sample Contained in two plastic bottles, 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	1112	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Bangkok
Total Hardness as CaCO3 *	mg/L	-	1	782	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2340 C	Bangkok
Turbidity *	NTU	-	0.1	14	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2130 B	Bangkok

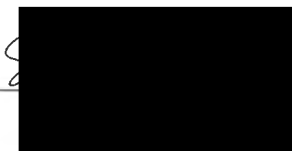
Sampling By : Teerawat Puangsuk

Remark :

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhroi, Saraburi
Thailand 18260
P/O : 4100119854
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 24129542
Date Received : Dec 11, 2024
Date Reported : Dec 17, 2024
Report Number : 3195522-1

TESTING
No.0009

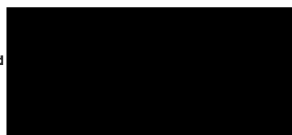
Page 3 of 12

Sample Number 24129542-2
Sampled Date Dec 11, 2024 2:30 PM
Sample Description Groundwater
Location บานซับhorn (Ban Subbhorn) (GPS 47P 728166, 1612200)
Date Analysis Commenced Dec 12, 2024
Condition of Sample Contained in two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Metals Testing						
Arsenic	mg/L	0.0003	0.0005	0.004	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Cadmium	mg/L	0.0003	0.0005	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Copper	mg/L	0.0003	0.0005	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Iron	mg/L	0.003	0.005	1.30	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Lead	mg/L	0.0003	0.0005	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Manganese	mg/L	0.0003	0.0005	0.89	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Selenium	mg/L	0.0003	0.0005	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Zinc	mg/L	0.003	0.005	<0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Water Testing						
Chloride as Cl *	mg/L	0.06	0.2	393	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4110 B	Bangkok
pH at 25 degree C	-	-	-	7.2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Bangkok
Sulfate *	mg/L	0.15	0.5	298	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4110 B	Bangkok

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhroi, Saraburi
Thailand 18260
P/O : 4100119854
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 24129542
Date Received : Dec 11, 2024
Date Reported : Dec 17, 2024
Report Number : 3195522-1

TESTING
No.0009

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Sample Number 24129542-2
Sampled Date Dec 11, 2024 2:30 PM
Sample Description Groundwater
Location บานซับhorn (Ban Subbhorn) (GPS 47P 728166, 1612200)
Date Analysis Commenced Dec 12, 2024
Condition of Sample Contained in two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

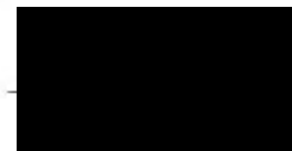
Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Water Testing						
Total Dissolved solids Dried at 180 degree C *	mg/L	-	5	900	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Bangkok
Total Hardness as CaCO3 *	mg/L	-	1	567	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2340 C	Bangkok
Turbidity *	NTU	-	0.1	18	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2130 B	Bangkok
Water Level *	m	-	-	6.70	Water Level Meter	Bangkok
Well Depth *	m	-	-	16.40	Water Level Meter	Bangkok

Sampling By : Teerawat Puangsuks

Remark :
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Analysis / Test Report

Client : Siam City Cement Public Company Limited
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Thailand 18260
P/O : 4100119854
Project Name : Saraburi Factory Plant
Project Location :



TESTING
No.0009

Lot ID: 24129542
Date Received :Dec 11, 2024
Date Reported :Dec 17, 2024
Report Number :3195522-1

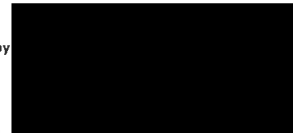
Page 5 of 12

Sample Number 24129542-3
Sampled Date Dec 11, 2024 12:00 PM
Sample Description Groundwater
Location บ้านสะพานสี่ (Ban Sapansi) (GPS 47P 726430, 1618121)
Date Analysis Commenced Dec 12, 2024
Condition of Sample Contained in two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Metals Testing						
Arsenic	mg/L	0.0003	0.0005	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Cadmium	mg/L	0.0003	0.0005	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Copper	mg/L	0.0003	0.0005	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Iron	mg/L	0.003	0.005	0.04	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Lead	mg/L	0.0003	0.0005	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Manganese	mg/L	0.0003	0.0005	0.003	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Selenium	mg/L	0.0003	0.0005	0.003	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Zinc	mg/L	0.003	0.005	0.006	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Water Testing						
Chloride as Cl *	mg/L	0.06	0.2	83.3	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4110 B	Bangkok
pH at 25 degree C		-	-	7.4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Bangkok
Sulfate *	mg/L	0.15	0.5	203	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4110 B	Bangkok

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260
P/O : 4100119854
Project Name : Saraburi Factory Plant
Project Location :



TESTING
No.0009

Lot ID: 24129542
Date Received :Dec 11, 2024
Date Reported :Dec 17, 2024
Report Number :3195522-1

Page 6 of 12

Sample Number 24129542-3
Sampled Date Dec 11, 2024 12:00 PM
Sample Description Groundwater
Location บ้านสะพานสี่ (Ban Sapansi) (GPS 47P 726430, 1618121)
Date Analysis Commenced Dec 12, 2024
Condition of Sample Contained in two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

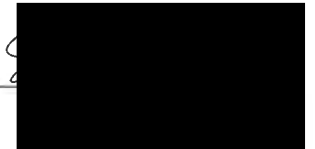
Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Water Testing						
Total Dissolved solids Dried at 180 degree C *	mg/L	-	5	412	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Bangkok
Total Hardness as CaCO3 *	mg/L	-	1	298	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2340 C	Bangkok
Turbidity *	NTU	-	0.1	0.55	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2130 B	Bangkok
Water Level *	m	-	-	5.50	Water Level Meter	Bangkok
Well Depth *	m	-	-	9.15	Water Level Meter	Bangkok

Sampling By : Teerawat Puangsuk

Remark :
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- "c" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260
P/O : 4100119854
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 24129542
Date Received : Dec 11, 2024
Date Reported : Dec 17, 2024
Report Number : 3195522-1



TESTING
No.0009

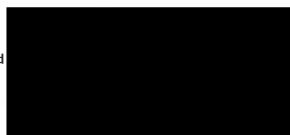
Page 7 of 12

Sample Number 24129542-4
Sampled Date Dec 11, 2024 2:10 PM
Sample Description Groundwater
Location บ้านหินลับ (Ban Hinlubb) (GPS 47P 729020, 1623174)
Date Analysis Commenced Dec 12, 2024
Condition of Sample Contained in two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Metals Testing						
Arsenic	mg/L	0.0003	0.0005	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Cadmium	mg/L	0.0003	0.0005	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Copper	mg/L	0.0003	0.0005	0.0007	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Iron	mg/L	0.003	0.005	<0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Lead	mg/L	0.0003	0.0005	<0.0005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Manganese	mg/L	0.0003	0.0005	0.002	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Selenium	mg/L	0.0003	0.0005	0.004	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Zinc	mg/L	0.003	0.005	<0.005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Water Testing						
Chloride as Cl *	mg/L	0.06	0.2	36.9	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4110 B	Bangkok
pH at 25 degree C	-	-	-	7.1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Bangkok
Sulfate *	mg/L	0.15	0.5	111	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4110 B	Bangkok

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260
P/O : 4100119854
Project Name : Saraburi Factory Plant
Project Location :

Lot ID: 24129542
Date Received : Dec 11, 2024
Date Reported : Dec 17, 2024
Report Number : 3195522-1



TESTING
No.0009

Page 8 of 12

Sample Number 24129542-4
Sampled Date Dec 11, 2024 2:10 PM
Sample Description Groundwater
Location บ้านหินลับ (Ban Hinlubb) (GPS 47P 729020, 1623174)
Date Analysis Commenced Dec 12, 2024
Condition of Sample Contained in two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

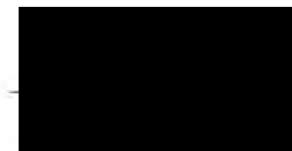
Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Water Testing						
Total Dissolved solids Dried at 180 degree C *	mg/L	-	5	542	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Bangkok
Total Hardness as CaCO3 *	mg/L	-	1	513	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2340 C	Bangkok
Turbidity *	NTU	-	0.1	0.30	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2130 B	Bangkok
Water Level *	m	-	-	5.60	Water Level Meter	Bangkok
Well Depth *	m	-	-	24.40	Water Level Meter	Bangkok

Sampling By : Teerawat Puangsuks

Remark :
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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S:\Reports\94\Ref_All_1064.rpt (6/12/11)



Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260
P/O : 4100119854
Project Name : Saraburi Factory Plant
Project Location :



TESTING
No.0009

Lot ID: 24129542

Date Received :Dec 11, 2024
Date Reported :Dec 17, 2024
Report Number :3195522-1

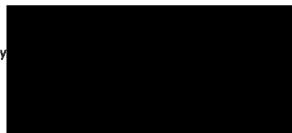
Sample Number 24129542-5
Sampled Date Dec 11, 2024 2:20 PM
Sample Description Groundwater
Location บ้านท่าสะพานหิน (Ban Tumsapanhin) (GPS 47P 731802, 1619096)
Date Analysis Commenced Dec 12, 2024
Condition of Sample Contained in two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Page 9 of 12

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Metals Testing						
Arsenic	mg/L	0.0003	0.0005	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Cadmium	mg/L	0.0003	0.0005	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Copper	mg/L	0.0003	0.0005	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Iron	mg/L	0.003	0.005	0.05	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Lead	mg/L	0.0003	0.0005	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Manganese	mg/L	0.0003	0.0005	0.006	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Selenium	mg/L	0.0003	0.0005	0.003	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Zinc	mg/L	0.003	0.005	0.006	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Water Testing						
Chloride as Cl *	mg/L	0.06	0.2	49.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4110 B	Bangkok
pH at 25 degree C	-	-	-	7.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Bangkok
Sulfate *	mg/L	0.15	0.5	88.7	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4110 B	Bangkok

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260
P/O : 4100119854
Project Name : Saraburi Factory Plant
Project Location :



TESTING
No.0009

Lot ID: 24129542

Date Received :Dec 11, 2024
Date Reported :Dec 17, 2024
Report Number :3195522-1

Sample Number 24129542-5
Sampled Date Dec 11, 2024 2:20 PM
Sample Description Groundwater
Location บ้านท่าสะพานหิน (Ban Tumsapanhin) (GPS 47P 731802, 1619096)
Date Analysis Commenced Dec 12, 2024
Condition of Sample Contained in two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Page 10 of 12

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Water Testing						
Total Dissolved solids Dried at 180 degree C *	mg/L	-	5	492	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Bangkok
Total Hardness as CaCO3 *	mg/L	-	1	486	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2340 C	Bangkok
Turbidity *	NTU	-	0.1	1.7	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2130 B	Bangkok
Water Level *	m	-	-	4.20	Water Level Meter	Bangkok
Well Depth *	m	-	-	28.20	Water Level Meter	Bangkok

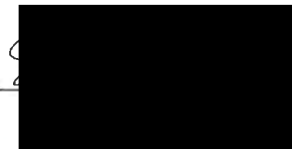
Sampling By : Teerawat Puangsuk

Remark :

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

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260
P/O : 4100119854
Project Name : Saraburi Factory Plant
Project Location :



TESTING
No.0009

Lot ID: 24129542
Date Received :Dec 11, 2024
Date Reported :Dec 17, 2024
Report Number :3195522-1

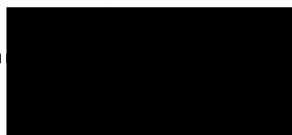
Page 11 of 12

Sample Number	24129542-6
Sampled Date	Dec 11, 2024 12:10 PM
Sample Description	Groundwater
Location	บ่อบึงเพื่อการชลประทาน P17 (SCCC monitoring well (P17)) (GPS 47P 724778, 1616297)
Date Analysis Commenced	Dec 12, 2024
Condition of Sample	Contained in two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Metals Testing						
Arsenic	mg/L	0.0003	0.0005	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Cadmium	mg/L	0.0003	0.0005	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Copper	mg/L	0.0003	0.0005	0.0006	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Iron	mg/L	0.003	0.005	0.04	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Lead	mg/L	0.0003	0.0005	0.0005	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Manganese	mg/L	0.0003	0.0005	0.12	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Selenium	mg/L	0.0003	0.0005	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Zinc	mg/L	0.003	0.005	0.97	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Water Testing						
Chloride as Cl *	mg/L	0.06	0.2	14.8	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4110 B	Bangkok
pH at 25 degree C				8.3	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Bangkok
Sulfate *	mg/L	0.15	0.5	33.4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4110 B	Bangkok

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Analysis / Test Report

Client : Siam City Cement Public Company Limited
99,219,301 Moo 9,5,5, Mitaparb Road, Tambon Tapkwung, Amphur Kangkhoi, Saraburi
Thailand 18260
P/O : 4100119854
Project Name : Saraburi Factory Plant
Project Location :



TESTING
No.0009

Lot ID: 24129542
Date Received :Dec 11, 2024
Date Reported :Dec 17, 2024
Report Number :3195522-1

Page 12 of 12

Sample Number	24129542-6
Sampled Date	Dec 11, 2024 12:10 PM
Sample Description	Groundwater
Location	บ่อบึงเพื่อการชลประทาน P17 (SCCC monitoring well (P17)) (GPS 47P 724778, 1616297)
Date Analysis Commenced	Dec 12, 2024
Condition of Sample	Contained in two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

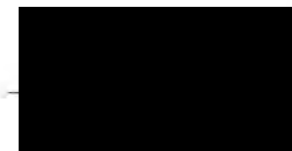
Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Water Testing						
Total Dissolved solids Dried at 180 degree C *	mg/L		5	200	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Bangkok
Total Hardness as CaCO3 *	mg/L		1	252	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2340 C	Bangkok
Turbidity *	NTU		0.1	0.95	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2130 B	Bangkok
Water Level *	m			7.30	Water Level Meter	Bangkok
Well Depth *	m			28.60	Water Level Meter	Bangkok

Sampling By : Teerawat Puangsuk

Remark :
- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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ภาคผนวก ค-7

คุณภาพสิ่งแวดล้อมในสถานประกอบการ



Analysis Report

F-ES-071 (V.1.0 ; 01-06-2022)

Report number: 202401090

Report date: 20 Sep 2024

Client information

Company: Siam City Cement Public Company Limited
Contact Person: Mr.Thanasak Kongdara
Address: 219 Moo 5 Mitraparp RD. Tabkwang, Khaengkol, Saraburi 18260
E-mail: thanasak.kongdara@siamcitycement.com
Tel: 08 8594 1565

Sample information

Description: Occupational dust concentration measurement in the workplace.
Location: Siam City Cement Plant 2

Page 1 of 2

Date	Sample Lot ID	Reference Number	Area	Total Dust / (mg/m3)
8 Aug	H0110028	H0110028-1	Raw Mill R1+R2(โม่ขาว)	0.65
		H0110028-2	Raw Mill R3+R4(โม่ขาว)	0.51
9 Aug	H0110029	H0110029-1	โม่หิน Limestone Crusher TF1	0.40
		H0110029-2	โม่หิน Limestone Crusher TF2	1.08
		H0110029-3	Shale Crusher	1.20
20 Aug	H0110030	H0110030-1	Coal & Lignite Mill TF1	0.85
		H0110030-2	Coal & Lignite Mill TF2	0.37
22 Aug	H0110031	H0110031-1	โม่ขาว Cement Mill Z5+Z6	4.01
		H0110031-2	โม่ขาว Cement Mill Z7	0.93
Standard				15.00

Reference Method:

: NIOSH Method 0500: Particulates not otherwise regulated, Total.

Reference Standard:

: Notification by Ministry of Interior on working environment (chemicals) safety B.E. 2520, Thailand



Analysis Report

F-ES-071 (V.1.0 ; 01-06-2022)

Report number: 202401090

Report date: 20 Sep 2024

Client information

Company: Siam City Cement Public Company Limited
Contact Person: Mr.Thanasak Kongdara
Address: 219 Moo 5 Mitraparp RD. Tabkwang, Khaengkol, Saraburi 18260
E-mail: thanasak.kongdara@siamcitycement.com
Tel: 08 8594 1565

Sample information

Description: Occupational dust concentration measurement in the workplace.
Location: Siam City Cement Plant 2

Page 2 of 2

Monitoring device / Calibrator information

Equipment: Drycal. Flowmeter
Code: E-EN-169
serial No.: 145258
Brand / Model: Defender 510-M
Calibration date: 5 November 2023
expire date: 6 November 2024

Please scan QR
Code for the
certificate



Sample Reference No.

H0110028-1
H0110028-2
H0110029-1
H0110029-2
H0110029-3
H0110030-1
H0110030-2
H0110031-1
H0110031-2



Analysis Report

F-ES-071 (V. 1.0 ; 01-06-2022)

Report number: 202401090

Report date: 20 Sep 2024

Client information

Company: Siam City Cement Public Company Limited
Contact Person: Mr.Thanasak Kongdara
Address: 219 Moo 5 Mitraparp RD. Tabkwang, Khaengkoi, Saraburi 18260
E-mail: thanasak.kongdara@siamcitycement.com
Tel: 08 8594 1565

Sample information

Description: Occupational dust concentration measurement in the workplace.
Location: Siam City Cement Plant 2

Page 1 of 2

Date	Sample Lot.ID	Reference Number	Area	Respirable Dust (mg/m3)
8 Aug	H0110028	H0110028-3	Raw Mill R1+R2(โม่ขาว)	0.21
		H0110028-4	Raw Mill R3+R4(โม่ขาว)	0.10
		H0110029-4	โม่หิน Limestone Crusher TF1	0.10
9 Aug	H0110029	H0110029-5	โม่หิน Limestone Crusher TF2	0.10
		H0110029-6	Shale Crusher	0.42
		H0110030-3	Coal & Lignite Mill TF1	0.29
20 Aug	H0110030	H0110030-4	Coal & Lignite Mill TF2	0.09
22 Aug	H0110031	H0110031-3	โม่ซีเมนต์ Cement Mill Z5+Z6	0.85
		H0110031-4	โม่ซีเมนต์ Cement Mill Z7	0.21
Standard				5.00

Reference Method:

: NIOSH Method 0600: Particulates not otherwise regulated, Respirable

Reference Standard:

: Notification by Ministry of Interior on working environment (chemicals) safety B.E. 2520, Thailand



Analysis Report

F-ES-071 (V. 1.0 ; 01-06-2022)

Report number: 202401090

Report date: 20 Sep 2024

Client information

Company: Siam City Cement Public Company Limited
Contact Person: Mr.Thanasak Kongdara
Address: 219 Moo 5 Mitraparp RD. Tabkwang, Khaengkoi, Saraburi 18260
E-mail: thanasak.kongdara@siamcitycement.com
Tel: 08 8594 1565

Sample information

Description: Occupational dust concentration measurement in the workplace.
Location: Siam City Cement Plant 2

Page 2 of 2

Monitoring device / Calibrator information

Equipment: Drycal. Flowmeter
Code: E-EN-169
serial No.: 145258
Brand / Model: Defender 510-M
Calibration date: 5 November 2023
expire date: 6 November 2024

Please scan QR
Code for the
certificate



Sample Reference No.

H0110028-3
H0110028-4
H0110029-4
H0110029-5
H0110029-6
H0110030-3
H0110030-4
H0110031-3
H0110031-4



Analysis Report

F-ES-071 (V. 1.0 ; 01-06-2022)

Report number: 202401095

Report date: 27 Sep 2024

Client information

Company: Siam City Cement Public Company Limited
Contact Person: Mr.Thanasak Kongdara
Address: 219 Moo 5 Mitraparp RD. Tabkwang, Khaengkoi, Saraburi 18260
E-mail: thanasak.kongdara@siamcitycement.com
Tel: 08 8594 1565

Sample information

Description: Occupational dust concentration measurement in the workplace.
Location: Packing Plant 2

Page 1 of 2

Date	Sample Lot.ID	Reference Number	Area	Total Dust (mg/ m3)
27 Aug	H0110032	H0110032-1	Roto Packer TF1	1.53
		H0110032-2	โรงผลิตถุง	0.96
28 Aug	H0110033	H0110033-1	Roto Packer TF2	0.40
Standard				15.00

Reference Method:

: NIOSH Method 0500: Particulates not otherwise regulated, Total.

Reference Standard:

: Notification by Ministry of Interior on working environment (chemicals) safety B.E. 2520, Thailand



Analysis Report

F-ES-071 (V. 1.0 ; 01-06-2022)

Report number: 202401095

Report date: 27 Sep 2024

Client information

Company: Siam City Cement Public Company Limited
Contact Person: Mr.Thanasak Kongdara
Address: 219 Moo 5 Mitraparp RD. Tabkwang, Khaengkoi, Saraburi 18260
E-mail: thanasak.kongdara@siamcitycement.com
Tel: 08 8594 1565

Sample information

Description: Occupational dust concentration measurement in the workplace.
Location: Packing Plant 2

Page 2 of 2

Monitoring device / Calibrator information

Equipment: Drycal. Flowmeter
Code: E-EN-169
serial No.: 145258
Brand / Model: Defender 510-M
Calibration date: 5 November 2023
expire date: 6 November 2024

Please scan QR
Code for the
certificate



Sample Reference No.
H0110032-1
H0110032-2
H0110033-1



Analysis Report

F-ES-071 (V. 1.0 ; 01-06-2022)

Report number: 202401095

Report date: 27 Sep 2024

Client information

Company: Siam City Cement Public Company Limited
Contact Person: Mr.Thanasak Kongdara
Address: 219 Moo 5 Mitraparp RD. Tabkwang, Khaengkoi, Saraburi 18260
E-mail: thanasak.kongdara@siamcitycement.com
Tel: 08 8594 1565

Sample information

Description: Occupational dust concentration measurement in the workplace.
Location: Packing Plant 2

Page 1 of 2

Date	Sample Lot.ID	Reference Number	Area	Respirable Dust (mg/m3)
27 Aug	H0110032	H0110032-3	Roto Packer TF1	0.33
		H0110032-4	โรงหาลัง	0.21
28 Aug	H0110033	H0110033-2	Roto Packer TF2	0.32
Standard				5.00

Reference Method:

: NIOSH Method 0600: Particulates not otherwise regulated, Respirable

Reference Standard:

: Notification by Ministry of Interior on working environment (chemicals) safety B.E. 2520, Thailand



Analysis Report

F-ES-071 (V. 1.0 ; 01-06-2022)

Report number: 202401095

Report date: 27 Sep 2024

Client information

Company: Siam City Cement Public Company Limited
Contact Person: Mr.Thanasak Kongdara
Address: 219 Moo 5 Mitraparp RD. Tabkwang, Khaengkoi, Saraburi 18260
E-mail: thanasak.kongdara@siamcitycement.com
Tel: 08 8594 1565

Sample information

Description: Occupational dust concentration measurement in the workplace.
Location: Packing Plant 2

Page 2 of 2

Monitoring device / Calibrator information

Equipment: Drycal, Flowmeter
Code: E-EN-169
serial No.: 145258
Brand / Model: Defender 510-M
Calibration date: 5 November 2023
expire date: 6 November 2024

Please scan QR
Code for the
certificate



Sample Reference No.
H0110032-3
H0110032-4
H0110033-2



Analysis Report

F-ES-071 (V. 1.0 ; 01-06-2022)

Report number: 202401104

Report date: 28 Oct 2024

Client information

Company: Siam City Cement Public Company Limited
Contact Person: Mr.Thanasak Kongdara
Address: 99 Moo 9 Mitraparp RD. Tabkwang, Khaengkoi, Saraburi 18260
E-mail: thanasak.kongdara@siamcitycement.com
Tel: 08 8594 1565

Sample information

Description: Occupational dust concentration measurement in the workplace.
Location: Siam City Cement Plant 3

Page 1 of 2

Date	Sample Lot.ID	Reference Number	Area	Total Dust (mg/m3)
12 Sep	H0110034	H0110034-1	Raw Mill R1+R2(โรงโม่หิน)	0.65
		H0110034-2	Raw Mill R3+R4(โรงโม่หิน)	1.31
17 Sep	H0110035	H0110035-1	Coal & Lignite Mill K5	0.85
		H0110035-2	Coal & Lignite Mill K6	0.49
18 Sep	H0110036	H0110036-1	โรงโม่หิน Limestone Crusher K5	6.37
		H0110036-2	โรงโม่หิน Limestone Crusher K6	1.69
19 Sep	H0110037	H0110037-1	Shale Crusher	1.29
27 Sep	H0110038	H0110038-1	Cement Mill Z8+Z9	1.38
		H0110038-2	Cement Mill Z10	0.82
		H0110038-3	Cement Mill Z11+Z12	1.10
Standard				15.00

Reference Method:

: NIOSH Method 0500: Particulates not otherwise regulated, Total.

Reference Standard:

: Notification by Ministry of Interior on working environment (chemicals) safety B.E. 2520, Thailand



Analysis Report

F-ES-071 (V. 1.0 ; 01-06-2022)

Report number: 202401104

Report date: 28 Oct 2024

Client information

Company: Siam City Cement Public Company Limited
Contact Person: Mr.Thanasak Kongdara
Address: 99 Moo 9 Mitraparp RD. Tabkwang, Khaengkoi, Saraburi 18260
E-mail: lhanasak.kongdara@siamcitycement.com
Tel: 08 8594 1565

Sample information

Description: Occupational dust concentration measurement in the workplace.
Location: Siam City Cement Plant 3

Page 2 of 2

Monitoring device / Calibrator Information

Equipment: Drycal. Flowmeter
Code: E-EN-169
serial No.: 145258
Brand / Model: Defender 510-M
Calibration date: 5 November 2023
expire date: 6 November 2024

Please scan QR
Code for the
certificate



Sample Reference No.
H0110034-1
H0110034-2
H0110035-1
H0110035-2
H0110036-1
H0110036-2
H0110037-1
H0110038-1
H0110038-2
H0110038-3



Analysis Report

F-ES-071 (V. 1.0 ; 01-06-2022)

Report number: 202401104

Report date: 28 Oct 2024

Client information

Company: Siam City Cement Public Company Limited
Contact Person: Mr.Thanasak Kongdara
Address: 99 Moo 9 Mitraparp RD. Tabkwang, Khaengkoi, Saraburi 18260
E-mail: thanasak.kongdara@siamcitycement.com
Tel: 08 8594 1565

Sample information

Description: Occupational dust concentration measurement in the workplace.
Location: Siam City Cement Plant 3

Page 1 of 2

Date	Sample Lot.ID	Reference Number	Area	Respirable Dust (mg/m3)
12 Sep	H0110034	H0110034-3	Raw Mill R1+R2(โหลาคาร์)	0.31
		H0110034-4	Raw Mill R3+R4(โหลาคาร์)	0.52
17 Sep	H0110035	H0110035-3	Coal & Lignite Mill K5	0.29
		H0110035-4	Coal & Lignite Mill K6	0.19
18 Sep	H0110036	H0110036-3	บดหิน Limestone Crusher K5	2.22
		H0110036-4	บดหิน Limestone Crusher K6	0.33
19 Sep	H0110037	H0110037-2	Shale Crusher	0.31
27 Sep	H0110038	H0110038-4	Cement Mill Z8+Z9	0.44
		H0110038-5	Cement Mill Z10	0.33
		H0110038-6	Cement Mill Z11+Z12	0.33
Standard				5.00

Reference Method:

: NIOSH Method 0600: Particulates not otherwise regulated, Respirable

Reference Standard:

: Notification by Ministry of Interior on working environment (chemicals) safety B.E. 2520, Thailand



Analysis Report

F-ES-071 (V. 1.0 ; 01-06-2022)

Report number: 202401104

Report date: 28 Oct 2024

Client information

Company: Siam City Cement Public Company Limited
Contact Person: Mr.Thanasak Kongdara
Address: 99 Moo 9 Mitraparp RD. Tabkwang, Khaengkoi, Saraburi 18260
E-mail: thanasak.kongdara@siamcitycement.com
Tel: 08 8594 1565

Sample information

Description: Occupational dust concentration measurement in the workplace.
Location: Siam City Cement Plant 3

Page 2 of 2

Monitoring device / Calibrator information

Equipment: Drycal. Flowmeter
Code: E-EN-169
serial No.: 145268
Brand / Model: Defender 510-M
Calibration date: 5 November 2023
expire date: 6 November 2024

Please scan QR
Code for the
certificate



Sample Reference No.

H0110034-3
H0110034-4
H0110035-3
H0110035-4
H0110036-3
H0110036-4
H0110037-2
H0110038-4
H0110038-5
H0110038-6



Analysis Report

F-ES-071 (V. 1.0 ; 01-06-2022)

Report number: 202401116

Report date: 29 Oct 2024

Client information

Company: Siam City Cement Public Company Limited
Contact Person: Mr.Thanasak Kongdara
Address: 99 Moo 9 Mitraparp RD. Tabkwang, Khaengkol, Saraburi 18260
E-mail: thanasak.kongdara@siamcitycement.com
Tel: 08 8594 1565

Sample information

Description: Occupational dust concentration measurement in the workplace.
Location: Packing Plant 3

Page 1 of 2

Date	Sample Lot.ID	Reference Number	Area	Total Dust (mg/m3)
22 Oct	H0110039	H0110039-1	Roto Packer K5	1.16
		H0110039-2	Roto Packer K6	0.77
		Standard		

Reference Method:

: NIOSH Method 0500: Particulates not otherwise regulated, Total.

Reference Standard:

: Notification by Ministry of Interior on working environment (chemicals) safety B.E. 2520, Thailand



Analysis Report

F-ES-071 (V. 1.0 ; 01-06-2022)

Report number: 202401116

Report date: 29 Oct 2024

Client information

Company: Siam City Cement Public Company Limited
Contact Person: Mr.Thanasak Kongdara
Address: 99 Moo 9 Mitraparp RD. Tabkwang, Khaengkol, Saraburi 18260
E-mail: thanasak.kongdara@siamcitycement.com
Tel: 08 8594 1565

Sample information

Description: Occupational dust concentration measurement in the workplace.
Location: Packing Plant 3

Page 2 of 2

Monitoring device / Calibrator information

Equipment: Drycal. Flowmeter
Code: E-EN-169
serial No.: 145258
Brand / Model: Defender 510-M
Calibration date: 5 November 2023
expire date: 6 November 2024

Please scan QR
Code for the
certificate



Sample Reference No.
H0110039-1
H0110039-2



Analysis Report

F-ES-071 (V. 1.0 ; 01-06-2022)

Report number: 202401116

Report date: 29 Oct 2024

Client information

Company: Siam City Cement Public Company Limited
Contact Person: Mr.Thanasak Kongdara
Address: 99 Moo 9 Mitraparp RD. Tabkwang, Khaengkol, Saraburi 18260
E-mail: thanasak.kongdara@siamcitycement.com
Tel: 08 8594 1565

Sample information

Description: Occupational dust concentration measurement in the workplace.
Location: Packing Plant 3

Page 1 of 2

Date	Sample Lot.ID	Reference Number	Area	Respirable Dust (mg/m3)
22 Oct	H0110039	H0110039-3	Roto Packer K5	0.30
		H0110039-4	Roto Packer K6	0.20
		Standard		5.00

Reference Method:

: NIOSH Method 0600: Particulates not otherwise regulated, Respirable

Reference Standard:

: Notification by Ministry of Interior on working environment (chemicals) safety B.E. 2520, Thailand



Analysis Report

F-ES-071 (V. 1.0 ; 01-06-2022)

Report number: 202401116

Report date: 29 Oct 2024

Client information

Company: Siam City Cement Public Company Limited
Contact Person: Mr.Thanasak Kongdara
Address: 99 Moo 9 Mitraparp RD. Tabkwang, Khaengkol, Saraburi 18260
E-mail: thanasak.kongdara@siamcitycement.com
Tel: 08 8594 1565

Sample information

Description: Occupational dust concentration measurement in the workplace.
Location: Packing Plant 3

Page 2 of 2

Monitoring device / Calibrator information

Equipment: Drycal. Flowmeter
Code: E-EN-169
serial No.: 145258
Brand / Model: Defender 510-M
Calibration date: 5 November 2023
expire date: 6 November 2024

Please scan QR
Code for the
certificate



Sample Reference No.
H0110039-3
H0110039-4



Analysis Report

F-ES-075 (V.1.0 ; 10-08-2565)

Report number: 202401091

Report date: 20 Sep 2024

Client information

Company: Siam City Cement Public Company Limited
Contact Person: Mr.Thanasak Kongdara
Address: 219 Moo 5 Mitraparp Road, Tabkwang, Khaengkol, Saraburi 18260
E-mail: thanasak.kongdara@siamcitycement.com
Tel: 08 8594 1565

Sample information

Description: Noise exposure of employee
Location: Siam City Cement Plant 2

Page 1 of 2

Date	Lot. No.	Reference No.	Sample	L _{max} (dB(A))	TWA (dB(A))	TWA ¹ PPE used: (dB(A))
28 Aug	H0140070	H0140070-1	Mr.Jirasak Yamprang Position: Field Operator Working area: Coal mill K1, K2, K3, K4	119.8	80.1	66.9 ⁴
		H0140070-2	Mr.Thiraphon Khumsing Position: Field Operator Working area: Raw mill R1, R2, R3, R4	114.7	74.7	74.2 ⁵
		H0140070-3	Mr.Suradat Pomsuwan Position: Field Operator Working area: Limestone crusher	116.0	80.2	79.7 ⁵
29 Aug	H0140071	H0140071-1	Mr.Teerasong Suttidee Position: Field Operator Working area: Kiln K3, K4	134.5	83.5	70.3 ⁴
		H0140071-2	Mr.Witsanu Malila Position: Panel Operator Working area: Cement mill Z5, Z6, Z7	122.6	84.7	71.5 ⁴
		H0140071-3	Mr.Ubon Kongkangwan Position: Worker, Plant cleaning Working area: Workshop 2	94.6	78.2	77.7 ⁵
Standard				115 ⁴	85 ⁵	

Reference Method:

: Notifications of the Department of Labor Protection and Welfare on principle, measurement method and analysis of the working condition on heat level, illumination, or noise B.E. 2561, Thailand.

Reference Standard:

¹: Ministerial Regulation on the Prescribing of Standard for Administration and Management of Occupational Safety, Health and Environment in relation to Heat, Light and Noise, B.E. 2559, Thailand.

²: Notifications of the Department of Labor Protection and Welfare on the standard limit for the noise exposure in a daily average basis B.E. 2561, Thailand.

Remark:

³: Notifications of the Department of Labor Protection and Welfare on the calculation method for occupational noise exposure as a personal protective equipment (PPE) used condition B.E. 2561, Thailand.

⁴: Earplugs brand: 3M, model: OPTIME 105 (H10P3E), Noise Reduction Rating 27 Decibel.

⁵: Earplugs brand: 3M, model: 1292/37186, Noise Reduction Rating 25 Decibel.



Analysis Report

F-ES-075 (V.1.0 ; 10-08-2565)

Report number: 202401091

Report date: 20 Sep 2024

Client information






Company: Siam City Cement Public Company Limited
Contact Person: Mr.Thanasak Kongdara
Address: 219 Moo 5 Mitraparp Road, Tabkwang, Khaengkol, Saraburi 18260
E-mail: thanasak.kongdara@siamcitycement.com
Tel: 08 8594 1565

Sample information

Description: Noise exposure of employee
Location: Siam City Cement Plant 2

Page 2 of 2

Monitoring device / Calibrator information

Equipment: Noise Dosimeter Approved standard: IEC 61252 Code: E-EN-180 serial No.: 180200294 Brand / Model: EXTECH/SL400 Calibration date: 16 May 2024 expire date: 15 May 2025	Please scan QR Code for the certificate		Sample Reference No. H0140070-1
Equipment: Noise Dosimeter Approved standard: IEC 61252 Code: E-EN-181 serial No.: 181100305 Brand / Model: EXTECH/SL400 Calibration date: 16 May 2024 expire date: 15 May 2025	Please scan QR Code for the certificate		Sample Reference No. H0140070-2
Equipment: Noise Dosimeter Approved standard: IEC 61252 Code: E-EN-182 serial No.: 181100092 Brand / Model: EXTECH/SL400 Calibration date: 7 June 2024 expire date: 6 June 2025	Please scan QR Code for the certificate		Sample Reference No. H0140070-3 H0140071-1
Equipment: Noise Dosimeter Approved standard: IEC 61252 Code: E-EN-189 serial No.: 210100147 Brand / Model: EXTECH/SL400 Calibration date: 4 July 2024 expire date: 3 July 2025	Please scan QR Code for the certificate		Sample Reference No. H0140071-2
Equipment: Noise Dosimeter Approved standard: IEC 61252 Code: E-EN-191 serial No.: 200300089 Brand / Model: EXTECH/SL400 Calibration date: 4 July 2024 expire date: 3 July 2025	Please scan QR Code for the certificate		Sample Reference No. H0140071-3



Analysis Report

F-ES-075 (V. 1.0 ; 10-08-2565)
Report number: 202401121
Report date: 30 Oct 2024

Client Information

Company: Siam City Cement Public Company Limited
Contact Person: Mr.Thanasak Kongdara
Address: 219 Moo 5 Mitraparp Road, Tabkwang, Khaengkol, Saraburi 18260
E-mail: thanasak.kongdara@siamcitycement.com
Tel: 08 8594 1565

Sample Information

Description: Noise exposure of employee
Location: Packing Plant 2

Page 1 of 2

Date	Lot. No.	Reference No.	Sample	Lmax (dB(A))	TWA (dB(A))	TWA ¹ PPE ⁴ used. (dB(A))
1 Oct	H0140091	H0140091-1	Ms.Nuengruthai Danuponglikit Position: Machine operator Working area: Roto packer TF1	111.3	74.0	73.5
		H0140091-2	Ms.Sukjai Sakuna Position: Worker, Plant cleaning Working area: Cement distribution lane TF1	107.4	58.4	57.9
		H0140091-3	Mr.Nattiphon Kaewpromdee Position: Machine operator Working area: Bag production plant	118.1	84.4	83.9
2 Oct	H0140092	H0140092-1	Ms.Nittaya Nadrat Position: Machine operator Working area: Roto packer TF2	117.4	73.5	73.0
		H0140092-2	Ms.Phakrasaya Fungklang Position: Machine operator Working area: Cement distribution lane TF2	121.3	77.4	76.9
		H0140092-3	Ms.Wannika Kaenpha Position: Machine operator Working area: Packing plant 2	114.4	70.4	69.9
Standard				115 ¹	85 ¹	

Reference Method:

: Notifications of the Department of Labor Protection and Welfare on principle, measurement method and analysis of the working condition on heat level, illumination, or noise B.E. 2561, Thailand.

Reference Standard:

¹: Ministerial Regulation on the Prescribing of Standard for Administration and Management of Occupational Safety, Health and Environment in relation to Heat, Light and Noise, B.E. 2559, Thailand.

²: Notifications of the Department of Labor Protection and Welfare on the standard limit for the noise exposure in a daily average basis B.E. 2561, Thailand.

Remark:

³: Notifications of the Department of Labor Protection and Welfare on the calculation method for occupational noise exposure as a personal protective equipment (PPE) used condition B.E. 2561, Thailand.

⁴: Earplug brand: 3M, model: 1292/37186, Noise Reduction Rating 25 Decibel.



Analysis Report

F-ES-075 (V. 1.0 ; 10-08-2565)
Report number: 202401121
Report date: 30 Oct 2024

Client Information





Company: Siam City Cement Public Company Limited
Contact Person: Mr.Thanasak Kongdara
Address: 219 Moo 5 Mitraparp Road, Tabkwang, Khaengkol, Saraburi 18260
E-mail: thanasak.kongdara@siamcitycement.com
Tel: 08 8594 1565

Sample Information

Description: Noise exposure of employee
Location: Packing Plant 2

Page 2 of 2

Monitoring device / Calibrator Information

Equipment: Sound Calibrator Approved standard: IEC 60942 Code: E-EN-179 serial No.: 19003471 Brand / Model: DeltaOHM / HD 2020 Calibration date: 4 July 2024 expire date: 3 July 2025	Please scan QR Code for the certificate		Sample Reference No. H0140091 H0140092
Equipment: Noise Dosimeter Approved standard: IEC 61252 Code: E-EN-182 serial No.: 181100092 Brand / Model: EXTECH/SL400 Calibration date: 7 June 2024 expire date: 6 June 2025	Please scan QR Code for the certificate		Sample Reference No. H0140091-1 H0140092-2
Equipment: Noise Dosimeter Approved standard: IEC 61252 Code: E-EN-189 serial No.: 210100147 Brand / Model: EXTECH/SL400 Calibration date: 4 July 2024 expire date: 3 July 2025	Please scan QR Code for the certificate		Sample Reference No. H0140091-3 H0140092-1
Equipment: Noise Dosimeter Approved standard: IEC 61252 Code: E-EN-191 serial No.: 200300089 Brand / Model: EXTECH/SL400 Calibration date: 4 July 2024 expire date: 3 July 2025	Please scan QR Code for the certificate		Sample Reference No. H0140091-2 H0140092-3



Analysis Report

F-ES-074 (V. 1.0 ; 10-08-2565)

Report number: 202401092

Report date: 20 Sep 2024

Client information

Company: Siam City Cement Public Company Limited
Contact Person: Mr.Thanasak Kongdara
Address: 219 Moo 5 Mitraparp Road, Tabkwang, Khaengkoi, Saraburi 18260
E-mail: thanasak.kongdara@siamcitycement.com
Tel: 08 8594 1565

Sample information

Description: Sound level measurement in workplace
Location: Siam City Cement Plant 2

Page 1 of 2

Date	Lot. No.	Reference No.	Location	Leq 8 hr (dB(A))	Lmax (dB(A))
8 Aug	H0140072	H0140072-1	Raw Mill R1+R2 (ในอาคาร)	85	106
		H0140072-2	Raw Mill R3+R4 (ในอาคาร)	76	97
		H0140072-3	Compressor C.F. Silo TF1	106	108
		H0140072-4	Compressor C.F. Silo TF2	69	76
9 Aug	H0140073	H0140073-1	Shale Crusher	85	96
		H0140073-2	บดหิน Limestone Crusher TF1	94	103
		H0140073-3	บดหิน Limestone Crusher TF2	72	99
13 Aug	H0140074	H0140074-1	Coal & Lignite Mill TF1	83	91
		H0140074-2	Coal & Lignite Mill TF2	76	90
		H0140074-3	Compressor Coal mill TF1	108	112
		H0140074-4	Compressor Coal mill TF2	89	98
14 Aug	H0140075	H0140076-1	Cooling Fan TF2	60	76
		H0140075-2	Compressor (Total) TF2	88	111
15 Aug	H0140076	H0140076-1	Cooling Fan TF1	94	105
		H0140076-2	Compressor (Total) TF1	90	91
22 Aug	H0140077	H0140077-1	อาคาร Cement Mill Z5+Z6	94	100
		H0140077-2	อาคาร Cement Mill Z7	96	99
23 Aug	H0140078	H0140078-1	อาคาร CCR	78	92
Standard				-	115'

Reference Method:

: Notifications of the Department of Labor Protection and Welfare on principle, measurement method and analysis of the working condition on heat level, illumination, or noise B.E. 2561, Thailand.

Reference Standard:

': Ministerial Regulation on the Prescribing of Standard for Administration and Management of Occupational Safety, Health and Environment in relation to Heat, Light and Noise, B.E. 2559, Thailand.



Analysis Report

F-ES-074 (V. 1.0 ; 10-08-2565)

Report number: 202401092

Report date: 20 Sep 2024

Client information





Company: Siam City Cement Public Company Limited
Contact Person: Mr.Thanasak Kongdara
Address: 219 Moo 5 Mitraparp Road, Tabkwang, Khaengkoi, Saraburi 18260
E-mail: thanasak.kongdara@siamcitycement.com
Tel: 08 8594 1565

Sample information

Description: Sound level measurement in workplace
Location: Siam City Cement Plant 2

Page 2 of 2

Monitoring device / Calibrator information

Equipment: Sound Calibrator Approved standard: IEC 60942 Code: E-EN-179 serial No.: 19003471 Brand / Model: DeltaOHM / HD 2020 Calibration date: 4 July 2024 expire date: 3 July 2025	Please scan QR Code for the certificate 	Sample Reference No. H0140072 H0140073 H0140074 H0140075 H0140076 H0140077 H0140078
Equipment: Digital Sound Level Meter Approved standard: IEC 61672 Code: E-EN-075 serial No.: 00865779 Brand / Model: RION / NL-21 Calibration date: 4 September 2024 expire date: 3 September 2025	Please scan QR Code for the certificate 	Sample Reference No. H0140073-1 H0140078-1
Equipment: Digital Sound Level Meter Approved standard: IEC 61672 Code: E-EN-171 serial No.: 00469915 Brand / Model: RION / NL-42 Calibration date: 26 April 2024 expire date: 25 April 2025	Please scan QR Code for the certificate 	Sample Reference No. H0140072-1 H0140072-3 H0140073-2 H0140074-1 H0140074-3 H0140075-1 H0140076-2 H0140077-1
Equipment: Sound Level Meter Approved standard: IEC 61672 Code: E-EN-200 serial No.: 00730560 Brand / Model: RION / NL-43 Calibration date: 26 March 2024 expire date: 25 March 2025	Please scan QR Code for the certificate 	Sample Reference No. H0140072-2 H0140072-4 H0140075-2 H0140076-1 H0140077-2



Analysis Report

F-ES-074 (V. 1.0 ; 10-08-2565)

Report number: 202401096

Report date: 27 Sep 2024

Client information

Company: Siam City Cement Public Company Limited
Contact Person: Mr.Thanasak Kongdara
Address: 219 Moo 5 Mitraparp RD, Tabkwang, Khaengkol, Saraburi 18260
E-mail: thanasak.kongdara@siamcitycement.com
Tel: 08 8594 1565

Sample information

Description: Sound level measurement in workplace
Location: Packing Plant 2

Page 1 of 2

Date	Lot. No.	Reference No.	Location	Leq 8 hr (dB(A))	Lmax (dB(A))
27 Aug	H0140079	H0140079-1	Roto packer TF1	78	95
		H0140079-2	Packing plant TF1 (บริเวณฝ่ายบรรจุ)	69	95
		H0140079-3	โรงผลิตปูน	68	78
28 Aug	H0140080	H0140080-1	Roto packer TF2	74	89
		H0140080-2	Packing plant TF2 (บริเวณฝ่ายบรรจุ)	68	92
		H0140080-3	Compressor silo packing plant	103	108
Standard				-	115 ¹

Reference Method:

: Notifications of the Department of Labor Protection and Welfare on principle, measurement method and analysis of the working condition on heat level, illumination, or noise B.E. 2561, Thailand.

Reference Standard:

¹: Ministerial Regulation on the Prescribing of Standard for Administration and Management of Occupational Safety, Health and Environment in relation to Heat, Light and Noise, B.E. 2559, Thailand.



Analysis Report

F-ES-074 (V. 1.0 ; 10-08-2565)

Report number: 202401096

Report date: 27 Sep 2024

Client information





Company: Siam City Cement Public Company Limited
Contact Person: Mr.Thanasak Kongdara
Address: 219 Moo 5 Mitraparp RD, Tabkwang, Khaengkol, Saraburi 18260
E-mail: thanasak.kongdara@siamcitycement.com
Tel: 08 8594 1565

Sample information

Description: Sound level measurement in workplace
Location: Packing Plant 2

Page 2 of 2

Monitoring device / Calibrator information

Equipment: Sound Calibrator Approved standard: IEC 60942 Code: E-EN-179 serial No.: 19003471 Brand / Model: DeltaOHM / HD 2020 Calibration date: 4 July 2024 expire date: 3 July 2025	Please scan QR Code for the certificate 	Sample Reference No. H0140079 H0140080
Equipment: Digital Sound Level Meter Approved standard: IEC 61672 Code: E-EN-075 serial No.: 00865779 Brand / Model: RION / NL-21 Calibration date: 4 September 2024 expire date: 3 September 2025	Please scan QR Code for the certificate 	Sample Reference No. H0140079-2 H0140080-2
Equipment: Digital Sound Level Meter Approved standard: IEC 61672 Code: E-EN-171 serial No.: 00469915 Brand / Model: RION / NL-42 Calibration date: 26 April 2024 expire date: 25 April 2025	Please scan QR Code for the certificate 	Sample Reference No. H0140079-3 H0140080-3
Equipment: Sound Level Meter Approved standard: IEC 61672 Code: E-EN-200 serial No.: 00730560 Brand / Model: RION / NL-43 Calibration date: 26 March 2024 expire date: 25 March 2025	Please scan QR Code for the certificate 	Sample Reference No. H0140079-1 H0140080-1



Analysis Report

F-ES-075 (V.1.0 ; 10-08-2565)
Report number: 202401105
Report date: 28 Oct 2024

Client information

Company: Siam City Cement Public Company Limited
Contact Person: Mr.Thanasak Kongdara
Address: 99 Moo 9 Mitraparp Road, Tabkwang, Khaengkol, Saraburi 18260
E-mail: thanasak.kongdara@siamcitycement.com
Tel: 08 8594 1565

Sample information

Description: Noise exposure of employee
Location: Siam City Cement Plant 3

Page 1 of 2

Date	Lot. No.	Reference No.	Sample	Linax (dB(A))	TWA (dB(A))	TWA ¹ PPE used (dB(A))
10 Oct	H0140093	H0140093-1	Mr.Jackrid Gaewkhelw Position: Maintenance Working area: Raw mill R1, R2, R3, R4	103.9	61.7	48.5 ⁴
		H0140093-2	Mr.Nirun Chummuangyen Position: Field Operator Working area: Klin K5, K6	119.7	82.3	69.1 ⁴
		H0140093-3	Mr.Yongyuth Hlamao Position: Field Operator Working area: Coal mill K1, K2, K3, K4	103.2	84.8	71.6 ⁴
		H0140093-4	Mr.Peerapong Thaupimal Position: Maintenance Working area: Cement mill Z8, Z9, Z10, Z11	107.8	82.2	69.0 ⁴
11 Oct	H0140094	H0140094-1	Mr.Thawach Dechudom Position: Maintenance Working area: Limestone crusher	97.8	75.9	62.7 ⁶
		H0140094-2	Ms.Kanya Kongcharoen Position: Worker, cleaning Working area: CCR 3	98.5	57.6	57.1 ⁵
Standard				115 ¹	85 ²	

Reference Method:

: Notifications of the Department of Labor Protection and Welfare on principle, measurement method and analysis of the working condition on heat level, illumination, or noise B.E. 2561, Thailand.

Reference Standard:

¹: Ministerial Regulation on the Prescribing of Standard for Administration and Management of Occupational Safety, Health and Environment in relation to Heat, Light and Noise, B.E. 2559, Thailand.

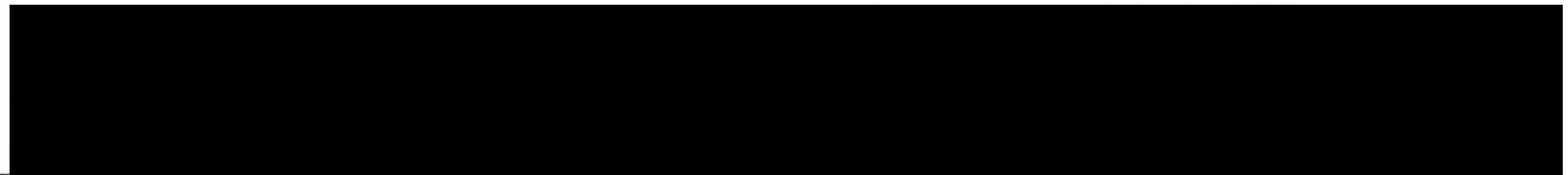
²: Notifications of the Department of Labor Protection and Welfare on the standard limit for the noise exposure in a daily average basis B.E. 2561, Thailand.

Remark:

³: Notifications of the Department of Labor Protection and Welfare on the calculation method for occupational noise exposure as a personal protective equipment (PPE) used condition B.E. 2561, Thailand.

⁴: Ear muff brand: 3M, model: OPTIME 105 (H10P3E), Noise Reduction Rating 27 Decibel

⁵: Earplug brand: 3M, model: 1292/37186, Noise Reduction Rating 25 Decibel



Analysis Report

F-ES-075 (V.1.0 ; 10-08-2565)
Report number: 202401105
Report date: 28 Oct 2024

Client information






Company: Siam City Cement Public Company Limited
Contact Person: Mr.Thanasak Kongdara
Address: 99 Moo 9 Mitraparp Road, Tabkwang, Khaengkol, Saraburi 18260
E-mail: thanasak.kongdara@siamcitycement.com
Tel: 08 8594 1565

Sample information

Description: Noise exposure of employee
Location: Siam City Cement Plant 3

Page 2 of 2

Monitoring device / Calibrator Information

Equipment: Sound Calibrator Approved standard: IEC 60942 Code: E-EN-179 serial No.: 19003471 Brand / Model: DeltaOHM / HD 2020 Calibration date: 4 July 2024 expire date: 3 July 2025	Please scan QR Code for the certificate		Sample Reference No. H0140093 H0140094
Equipment: Noise Dosimeter Approved standard: IEC 61252 Code: E-EN-180 serial No.: 180200294 Brand / Model: EXTECH/SL400 Calibration date: 16 May 2024 expire date: 15 May 2025	Please scan QR Code for the certificate		Sample Reference No. H0140093-2
Equipment: Noise Dosimeter Approved standard: IEC 61252 Code: E-EN-181 serial No.: 181100305 Brand / Model: EXTECH/SL400 Calibration date: 16 May 2024 expire date: 15 May 2025	Please scan QR Code for the certificate		Sample Reference No. H0140093-1 H0140094-1
Equipment: Noise Dosimeter Approved standard: IEC 61252 Code: E-EN-182 serial No.: 181100092 Brand / Model: EXTECH/SL400 Calibration date: 7 June 2024 expire date: 6 June 2025	Please scan QR Code for the certificate		Sample Reference No. H0140093-3
Equipment: Noise Dosimeter Approved standard: IEC 61252 Code: E-EN-191 serial No.: 200300089 Brand / Model: EXTECH/SL400 Calibration date: 4 July 2024 expire date: 3 July 2025	Please scan QR Code for the certificate		Sample Reference No. H0140093-4 H0140094-2



Analysis Report

F-ES-075 (V. 1.0 ; 10-08-2565)

Report number: 202401117

Report date: 29 Oct 2024

Client information

Company: Siam City Cement Public Company Limited
Contact Person: Mr.Thanasak Kongdara
Address: 99 Moo 9 Mitraparp RD, Tabkwang, Khaengko, Saraburi 18260
E-mail: thanasak.kongdara@siamcitycement.com
Tel: 08 8594 1565

Sample information

Description: Noise exposure of employee
Location: Packing Plant 3

Page 1 of 2

Date	Lot No.	Reference No.	Sample	Lmax (dB(A))	TWA (dB(A))	TWA ² PPE ⁴ used, (dB(A))
29 Oct	H0140096	H0140096-1	Ms.Sriphan Mokha Position: Machine operator Working area: Bag production plant K5	91.3	82.2	81.7
		H0140096-2	Ms.Wimon Soisila Position: Machine operator Working area: Roto packing K5	123.9	83.6	83.1
		H0140096-3	Ms.Sam-ang Mungdee Position: Worker, Plant cleaning Working area: Cement distribution lane K5	100.8	70.4	69.9
30 Oct	H0140097	H0140097-1	Mr.Natthakit Phungkhajom Position: Worker, Plant cleaning Working area: Cement distribution lane K6	112.2	67.9	67.4
		H0140097-2	Ms.Siriwimon Chiangda Position: Machine operator Working area: Roto packing K6	118.8	84.8	84.3
		H0140097-3	Ms.Kulchaya Chitipompaphob Position: Machine operator Working area: Bag production plant K6	101.5	77.8	77.3
		H0140097-4	Ms.Watson Sawisit Position: Machine Working area: Compressor silo packing plant	94.7	80.8	80.3
Standard				115 ¹	85 ²	

Reference Method:

: Notifications of the Department of Labor Protection and Welfare on principle, measurement method and analysis of the working condition on heat level, illumination, or noise B.E. 2561, Thailand.

Reference Standard:

¹: Ministerial Regulation on the Prescribing of Standard for Administration and Management of Occupational Safety, Health and Environment in relation to Heat, Light and Noise, B.E. 2559, Thailand.

²: Notifications of the Department of Labor Protection and Welfare on the standard limit for the noise exposure in a daily average basis B.E. 2561, Thailand.

Remark:

³: Notifications of the Department of Labor Protection and Welfare on the calculation method for occupational noise exposure as a personal protective equipment (PPE) used condition B.E. 2561, Thailand.

⁴: Earplug brand: 3M, model: 1293/37187, Noise Reduction Rating 25 Decibel.



Analysis Report

F-ES-075 (V. 1.0 ; 10-08-2565)

Report number: 202401117

Report date: 29 Oct 2024

Client information






Company: Siam City Cement Public Company Limited
Contact Person: Mr.Thanasak Kongdara
Address: 99 Moo 9 Mitraparp RD, Tabkwang, Khaengko, Saraburi 18260
E-mail: thanasak.kongdara@siamcitycement.com
Tel: 08 8594 1565

Sample information

Description: Noise exposure of employee
Location: Packing Plant 3

Page 2 of 2

Monitoring device / Calibrator Information

Equipment: Sound Calibrator Approved standard: IEC 60942 Code: E-EN-179 serial No.: 19003471 Brand / Model: DellaOHM / HD 2020 Calibration date: 4 July 2024 expire date: 3 July 2025	Please scan QR Code for the certificate		Sample Reference No. H0140096 H0140097
Equipment: Noise Dosimeter Approved standard: IEC 61252 Code: E-EN-180 serial No.: 180200294 Brand / Model: EXTECH/SL400 Calibration date: 16 May 2024 expire date: 15 May 2025	Please scan QR Code for the certificate		Sample Reference No. H0140097-4
Equipment: Noise Dosimeter Approved standard: IEC 61252 Code: E-EN-182 serial No.: 181100092 Brand / Model: EXTECH/SL400 Calibration date: 8 June 2023 expire date: 7 June 2024	Please scan QR Code for the certificate		Sample Reference No. H0140096-3 H0140097-3
Equipment: Noise Dosimeter Approved standard: IEC 61252 Code: E-EN-182 serial No.: 210100147 Brand / Model: EXTECH/SL400 Calibration date: 4 July 2024 expire date: 3 July 2025	Please scan QR Code for the certificate		Sample Reference No. H0140096-1 H0140097-2
Equipment: Noise Dosimeter Approved standard: IEC 61252 Code: E-EN-191 serial No.: 200300089 Brand / Model: EXTECH/SL400 Calibration date: 4 July 2024 expire date: 3 July 2025	Please scan QR Code for the certificate		Sample Reference No. H0140096-2 H0140097-1



Analysis Report

F-ES-074 (V. 1.0 ; 10-08-2565)

Report number: 202401106

Report date: 28 Oct 2024

Client information

Company: Siam City Cement Public Company Limited
Contact Person: Mr.Thanasak Kongdara
Address: 99 Moo 9 Mitraparp Road, Tabkwang, Khaengkoi, Saraburi 18260
E-mail: thanasak.kongdara@siamcitycement.com
Tel: 08 8594 1565

Sample information

Description: Sound level measurement in workplace
Location: Siam City Cement Plant 3

Page 1 of 2

Date	Lot. No.	Reference No.	Location	Leq 8 hr (dB(A))	Lmax (dB(A))
11 Sep	H0140083	H0140083-1	Compressor C.F. Silo K6 (6/1)	99	102
		H0140083-2	Compressor C.F. Silo K6 (6/2)	95	98
		H0140083-3	Compressor (Total) K5	99	104
		H0140083-4	Compressor (Total) K6	98	110
12 Sep	H0140084	H0140084-1	Raw Mill R1+R2 (ในอาคาร)	90	101
		H0140084-2	Raw Mill R3+R4 (ในอาคาร)	91	99
		H0140084-3	Compressor C.F. Silo K5 (5/1)	101	103
		H0140084-4	Compressor C.F. Silo K5 (5/2)	103	104
17 Sep	H0140085	H0140085-1	Coal & Lignite Mill K5	89	106
		H0140085-2	Coal & Lignite Mill K6	90	98
18 Sep	H0140086	H0140086-1	หินปูน Limestone Crusher K5	94	104
		H0140086-2	หินปูน Limestone Crusher K6	95	104
19 Sep	H0140087	H0140087-1	Shale Crusher	90	98
23 Sep	H0140088	H0140088-1	Cooling Fan K5	96	100
		H0140088-2	Cooling Fan K6	92	95
27 Sep	H0140089	H0140089-1	อาคาร Cement Mill Z8+Z9	89	90
		H0140089-2	อาคาร Cement Mill Z10	71	79
		H0140089-3	อาคาร Cement Mill Z11+Z12	90	94
30 Sep	H0140090	H0140090-1	อาคาร CCR	72	93
		H0140090-2	สโตน	65	83
Standard				-	115*

Reference Method:

: Notifications of the Department of Labor Protection and Welfare on principle, measurement method and analysis of the working condition on heat level, illumination, or noise B.E. 2561, Thailand.

Reference Standard:

†: Ministerial Regulation on the Prescribing of Standard for Administration and Management of Occupational Safety, Health and Environment in relation to Heat, Light and Noise, B.E. 2559, Thailand.



Analysis Report

F-ES-074 (V. 1.0 ; 10-08-2565)

Report number: 202401106

Report date: 28 Oct 2024

Client information





Company: Siam City Cement Public Company Limited
Contact Person: Mr.Thanasak Kongdara
Address: 99 Moo 9 Mitraparp Road, Tabkwang, Khaengkoi, Saraburi 18260
E-mail: thanasak.kongdara@siamcitycement.com
Tel: 08 8594 1565

Sample information

Description: Sound level measurement in workplace
Location: Siam City Cement Plant 3

Page 2 of 2

Monitoring device / Calibrator information

Equipment: Sound Calibrator Approved standard: IEC 60942 Code: E-EN-179 serial No.: 19003471 Brand / Model: DeltaOHM / HD 2020 Calibration date: 4 July 2024 expire date: 3 July 2025	Please scan QR Code for the certificate 	Sample Reference No. H0140083 H0140087 H0140084 H0140088 H0140085 H0140089 H0140086 H0140090
Equipment: Digital Sound Level Meter Approved standard: IEC 61672 Code: E-EN-154 serial No.: 00233180 Brand / Model: RION / NL-42 Calibration date: 10 August 2024 expire date: 9 August 2025	Please scan QR Code for the certificate 	Sample Reference No. H0140089-3
Equipment: Digital Sound Level Meter Approved standard: IEC 61672 Code: E-EN-171 serial No.: 00469915 Brand / Model: RION / NL-42 Calibration date: 26 April 2024 expire date: 25 April 2025	Please scan QR Code for the certificate 	Sample Reference No. H0140083-1 H0140086-1 H0140083-3 H0140087-1 H0140084-1 H0140088-1 H0140084-3 H0140089-1 H0140085-1 H0140090-1
Equipment: Sound Level Meter Approved standard: IEC 61672 Code: E-EN-200 serial No.: 00730560 Brand / Model: RION / NL-43 Calibration date: 26 March 2024 expire date: 25 March 2025	Please scan QR Code for the certificate 	Sample Reference No. H0140083-2 H0140086-2 H0140083-4 H0140088-2 H0140084-2 H0140089-2 H0140084-4 H0140090-2 H0140085-2



Analysis Report

F-ES-074 (V. 1.0 ; 10-08-2565)

Report number: 202401118

Report date: 29 Oct 2024

Client information

Company: Siam City Cement Public Company Limited
Contact Person: Mr.Thanasak Kongdara
Address: 99 Moo 9 Mitraparp RD, Tabkwang, Khaengkoi, Saraburi 18260
E-mail: thanasak.kongdara@siamcitycement.com

Tel: 08 8594 1565

Sample information

Description: Sound level measurement in workplace
Location: Packing Plant 3

Page 1 of 2

Date	Lot No.	Reference No.	Location	Leq 8 hr (dB(A))	Lmax (dB(A))
22 Oct	H0140098	H0140098-1	Packing plant K5 (บริเวณโรงจ่ายปูน)	72	95
		H0140098-2	Roto packer K5	77	95
		H0140098-3	โรตารีแพคเกอร์ K5	83	86
24 Oct	H0140099	H0140099-1	Packing plant K6 (บริเวณโรงจ่ายปูน)	73	91
		H0140099-2	Roto packer K6	80	97
		H0140099-3	โรตารีแพคเกอร์ K6	77	86
25 Oct	H0140100	H0140100-1	Compressor packing K5	87	89
		H0140100-2	Compressor packing K6	80	84
		Standard	-	-	115 ¹

Reference Method:

: Notifications of the Department of Labor Protection and Welfare on principle, measurement method and analysis of the working condition on heat level, illumination, or noise B.E. 2561, Thailand.

Reference Standard:

: Ministerial Regulation on the Prescribing of Standard for Administration and Management of Occupational Safety, Health and Environment in relation to Heat, Light and Noise, B.E. 2559, Thailand.



Analysis Report

F-ES-074 (V. 1.0 ; 10-08-2565)

Report number: 202401118

Report date: 29 Oct 2024

Client information

Company: Siam City Cement Public Company Limited
Contact Person: Mr.Thanasak Kongdara
Address: 99 Moo 9 Mitraparp RD, Tabkwang, Khaengkoi, Saraburi 18260
E-mail: thanasak.kongdara@siamcitycement.com





Tel: 08 8594 1565

Sample information

Description: Sound level measurement in workplace
Location: Packing Plant 3

Page 2 of 2

Monitoring device / Calibrator Information

Equipment: Sound Calibrator Approved standard: IEC 60942 Code: E-EN-179 serial No.: 19003471 Brand / Model: DeltaOHM / HD 2020 Calibration date: 4 July 2024 expire date: 3 July 2025	Please scan QR Code for the certificate		Sample Reference No. H0140098 H0140099 H0140100
Equipment: Digital Sound Level Meter Approved standard: IEC 61672 Code: E-EN-154 serial No.: 00233180 Brand / Model: RION / NL-42 Calibration date: 10 August 2024 expire date: 9 August 2025	Please scan QR Code for the certificate		Sample Reference No. H0140098-1 H0140099-1
Equipment: Digital Sound Level Meter Approved standard: IEC 61672 Code: E-EN-171 serial No.: 00469915 Brand / Model: RION / NL-42 Calibration date: 26 April 2024 expire date: 25 April 2025	Please scan QR Code for the certificate		Sample Reference No. H0140098-2 H0140099-2 H0140100-1
Equipment: Sound Level Meter Approved standard: IEC 61672 Code: E-EN-200 serial No.: 00730560 Brand / Model: RION / NL-43 Calibration date: 26 March 2024 expire date: 25 March 2025	Please scan QR Code for the certificate		Sample Reference No. H0140098-3 H0140099-3 H0140100-2



Analysis Report

F-ES-073 (V. 1.0 ; 15-07-2565)

Report number: 202401093

Report date: 20 Sep 2024

Client information

Company: Siam City Cement Public Company Limited
Contact Person: Mr.Thanasak Kongdara
Address: 219 Moo 5 Mitraparp Road, Tabkwang, Khaengkoi, Saraburi 18260
E-mail: thanasak.kongdara@siamcitycement.com
Tel: 08 8594 1565

Sample information

Description: Heat stress measurement in working area.
Location: Siam City Cement Plant 2

Page 1 of 2

Date	LOT no.	Reference No.	Location	Temperature [°C]			Working condition	WBGT [°C]
				Wet Bulb	Dry Bulb	Globe		
19 Aug	H0120064	H0120064-1	Preheater TF1 ชั้น 3	28.1	35.8	36.7	Indoor	30.7
		H0120064-2	Preheater TF1 ชั้น 2	28.1	36.5	37.6		31.0
20 Aug	H0120065	H0120065-1	Preheater TF2 ชั้น 3	26.1	29.2	29.2		27.1
		H0120065-2	Preheater TF2 ชั้น 2	26.4	28.4	28.5		27.0
21 Aug	H0120066	H0120066-1	Cooling Fan TF1	28.7	38.5	39.4		31.9
		H0120066-2	Cooling Fan TF2	29.5	32.7	32.8		30.5
22 Aug	H0120067	H0120067-1	Compressor (Total) TF1	28.5	37.7	38.0		31.3
		H0120067-2	Compressor (Total) TF2	28.4	35.2	35.7		30.6
23 Aug	H0120068	H0120068-1	อาคาร CCR 2	26.9	31.6	32.8		28.7

Reference Method:

Notifications of the Department of Labor Protection and Welfare on principle, measurement method and analysis of the working condition on heat, light and noise B.E 2561, Thailand

Reference Standard:



Analysis Report

F-ES-073 (V. 1.0 ; 15-07-2565)

Report number: 202401093

Report date: 20 Sep 2024

Client information

Company: Siam City Cement Public Company Limited
Contact Person: Mr.Thanasak Kongdara
Address: 219 Moo 5 Mitraparp Road, Tabkwang, Khaengkoi, Saraburi 18260
E-mail: thanasak.kongdara@siamcitycement.com
Tel: 08 8594 1565

Sample information

Description: Heat stress measurement in working area.
Location: Siam City Cement Plant 2

Page 2 of 2

Monitoring device / Calibrator information

Equipment: Thermal Environment Monitor
Approved standard: ISO 7243
Code: E-EN-187
serial No.: 19028482
Brand / Model: Delta OHM / HD32.2R
Calibration date: 14 March 2024
expire date: 13 March 2025

Please scan QR Code for the certificate



Sample Reference No.

H0120064-1	H0120066-2
H0120064-2	H0120067-1
H0120065-1	H0120067-2
H0120065-2	H0120068-1
H0120066-1	



Analysis Report

F-ES-073 (V. 1.0 ; 15-07-2565)

Report number: 202401097

Report date: 27 Sep 2024

Client information

Company: Siam City Cement Public Company Limited
Contact Person: Mr.Thanasak Kongdara
Address: 219 Moo 5 Mitraparp RD, Tabkwang, Khaengkol, Saraburi 18260
E-mail: thanasak.kongdara@siamcitycement.com
Tel: 08 8594 1565

Sample information

Description: Heat stress measurement in working area.
Location: Packing Plant 2

Page 1 of 2

Date	Lot no.	Reference No.	Location	Temperature [°C]			Working condition	WBGT [°C]
				Wet Bulb	Dry Bulb	Globe		
27 Aug	H0120069	H0120069-1	Roto Packer TF1	26.7	33.2	33.2	Indoor	28.6
		H0120069-2	โรงหีบปูน	26.2	31.7	31.8		27.9
28 Aug	H0120070	H0120070-1	Roto Packer TF2	26.0	29.4	29.5		27.1
		H0120070-2	Compressor silo packing plant	26.1	30.4	30.4		27.4

Reference Method:

Notifications of the Department of Labor Protection and Welfare on principle, measurement method and analysis of the working condition on heat, light and noise B E 2561, Thailand

Reference Standard:



Analysis Report

F-ES-073 (V. 1.0 ; 15-07-2565)

Report number: 202401097

Report date: 27 Sep 2024

Client information


Company: Siam City Cement Public Company Limited
Contact Person: Mr.Thanasak Kongdara
Address: 219 Moo 5 Mitraparp RD, Tabkwang, Khaengkol, Saraburi 18260
E-mail: thanasak.kongdara@siamcitycement.com
Tel: 08 8594 1565

Sample information

Description: Heat stress measurement in working area.
Location: Packing Plant 2

Page 2 of 2

Monitoring device / Calibrator information

Equipment: Thermal Environment Monitor	Please scan QR Code for the certificate 	Sample Reference No. H0120069-1 H0120069-2 H0120070-1 H0120070-2
Approved standard: ISO 7243		
Code: E-EN-187		
serial No.: 19028482		
Brand / Model: Delta OHM / HD32.2R		
Calibration date: 14 March 2024		
expire date: 13 March 2025		



Analysis Report

F-ES-073 (V. 1.0 ; 15-07-2565)

Report number: 202401107

Report date: 28 Oct 2024

Client information

Company: Siam City Cement Public Company Limited
Contact Person: Mr.Thanasak Kongdara
Address: 99 Moo 9 Mitraparp Road, Tabkwang, Khaengkol, Saraburi 18260
E-mail: thanasak.kongdara@siamcitycement.com
Tel: 08 8594 1565

Sample information

Description: Heat stress measurement in working area.
Location: Siam City Cement Plant 3

Page 1 of 2

Date	LOT no.	Reference No.	Location	Temperature [°C]			Working condition	WBGT [°C]
				Wet Bulb	Dry Bulb	Globe		
17 Sep	H0120071	H0120071-1	Compressor (Total) K5	26.8	31.7	31.8	Indoor	28.3
		H0120071-2	Compressor (Total) K6	26.6	29.5	34.5		28.7
19 Sep	H0120072	H0120072-1	Preheater K5 ชั้น 3	26.8	32.0	32.5		28.5
		H0120072-2	Preheater K5 ชั้น 2	27.7	33.9	34.4		29.7
23 Sep	H0120073	H0120073-1	Cooling Fan K5	26.6	32.2	33.1		28.6
		H0120073-2	Cooling Fan K6	26.3	30.6	31.3		27.8
25 Sep	H0120074	H0120074-1	Preheater K6 ชั้น 3	26.5	33.1	33.9		28.7
		H0120074-2	Preheater K6 ชั้น 2	27.1	35.8	36.4		29.9
30 Sep	H0120075	H0120075-1	อาคาร CCR	26.7	30.7	31.1		28.0
		H0120075-2	สโตร์	26.8	31.6	32.2		28.4

Reference Method:

Notifications of the Department of Labor Protection and Welfare on principle, measurement method and analysis of the working condition on heat, light and noise B E 2561, Thailand

Reference Standard:



Analysis Report

F-ES-073 (V. 1.0 ; 15-07-2565)

Report number: 202401107

Report date: 28 Oct 2024

Client information

Company: Siam City Cement Public Company Limited
Contact Person: Mr.Thanasak Kongdara
Address: 99 Moo 9 Mitraparp Road, Tabkwang, Khaengkol, Saraburi 18260
E-mail: thanasak.kongdara@siamcitycement.com
Tel: 08 8594 1565

Sample information

Description: Heat stress measurement in working area.
Location: Siam City Cement Plant 3

Page 2 of 2

Monitoring device / Calibrator information

Equipment:	Thermal Environment Monitor		Sample Reference No.	
Approved standard:	ISO 7243		H0120071-1	H0120073-2
Code:	E-EN-187		H0120071-2	H0120074-1
serial No.:	19028482		H0120072-1	H0120074-2
Brand / Model:	Delta OHM / HD32 2R		H0120072-2	H0120075-1
Calibration date:	14 March 2024		H0120073-1	H0120075-2
expire date:	13 March 2025			
		Please scan QR Code for the certificate		



Analysis Report

F-ES-073 (V. 1.0 ; 15-07-2565)

Report number: 202401119

Report date: 29 Oct 2024

Client information

Company: Siam City Cement Public Company Limited
Contact Person: Mr.Thanasak Kongdara
Address: 99 Moo 9 Mitraparp RD, Tabkwang, Khaengkoi, Saraburi 18260
E-mail: thanasak.kongdara@siamcitycement.com
Tel: 08 8594 1565

Sample information

Description: Heat stress measurement in working area.
Location: Packing Plant 3

Page 1 of 2

Date	Lot no.	Reference No.	Location	Temperature [°C]			Working condition	WBGT [°C]
				Wet Bulb	Dry Bulb	Globe		
22 Oct	H0120076	H0120076-1	Roto Packer K5	28.7	34.9	34.8	Indoor	30.5
		H0120076-2	โรงผลิตถุง K5	25.5	32.4	32.5		27.6
24 Oct	H0120077	H0120077-1	Roto Packer K6	28.2	34.3	34.6		30.1
		H0120077-2	โรงผลิตถุง K6	24.5	32.0	32.3		26.9
25 Oct	H0120078	H0120078-1	Compressor Packing K5	25.6	32.6	33.0		27.8
		H0120078-2	Compressor Packing K6	26.0	34.2	34.6		28.6

Reference Method:

Notifications of the Department of Labor Protection and Welfare on principle, measurement method and analysis of the working condition on heat, light and noise B.E.2561, Thailand

Reference Standard:



Analysis Report

F-ES-073 (V. 1.0 ; 15-07-2565)

Report number: 202401119

Report date: 29 Oct 2024

Client information



Company: Siam City Cement Public Company Limited
Contact Person: Mr.Thanasak Kongdara
Address: 99 Moo 9 Mitraparp RD, Tabkwang, Khaengkoi, Saraburi 18260
E-mail: thanasak.kongdara@siamcitycement.com
Tel: 08 8594 1565

Sample information

Description: Heat stress measurement in working area.
Location: Packing Plant 3

Page 2 of 2

Monitoring device / Calibrator Information

Equipment: Thermal Environment Monitor		Sample Reference No. H0120076-1 H0120077-1 H0120078-1
Approved standard: ISO 7243		
Code: E-EN-170		
serial No.: TPQ040016		
Brand / Model: 3M / QUESTemp 32		
Calibration date: 4 July 2024		Sample Reference No. H0120076-2 H0120077-2 H0120078-2
expire date: 3 July 2025		
Equipment: Thermal Environment Monitor		
Approved standard: ISO 7243		
Code: E-EN-187		
serial No.: 19028482		
Brand / Model: Delta OHM / HD32.2R		
Calibration date: 14 March 2024		
expire date: 13 March 2025		



Analysis Report

F-ES-076 (V. 2.0 03-11-2565)

Report number: 202401094

Report date: 20 Sep 2024

Client information

Company: Siam City Cement Public Company Limited
Contact Person: Mr.Thanasak Kongdara
Address: 219 Moo 5 Mitraparp Road, Tabkwang, Khaengkoi, Saraburi 18260
E-mail: thanasak.kongdara@siamcitycement.com
Tel: 08 8594 1565

Sample information

Description: Illumination level measurement at working area.
Location: Siam City Cement Plant 2

Page 1 of 3

Workstation measurement

Date	Sample Lot ID	Reference Number	Location	Work type / Area	Result [Lux]			Std. [Lux]
					Work station	Adj.	Adj.	
30 Aug	H0130017	H0130017-1	ห้องควบคุมไฟฟ้า	Computer	453	-	-	400-500
		H0130017-2	ห้องควบคุมไฟฟ้า	Computer	484	-	-	400-500
		H0130017-3	ห้องทำงานที่ Raw Mill R3+R4	Writing	541	-	-	400-500
		H0130017-4	ห้องทำงานที่ Coal mill	Writing	486	-	-	400-500
		H0130017-5	ห้องทำงานที่ TF1	Writing	408	-	-	400-500
		H0130017-6	ห้องทำงานที่ Cement Plant	Writing	404	-	-	400-500
		H0130017-7	อาคาร CCR	Computer	612	-	-	400-500

Reference Method:

Notifications of the Department of Labor Protection and Welfare on principle, measurement method and analysis of the working condition on heat level, illumination, or noise B.E. 2561, Thailand.

Reference Standard:

Notifications of the Department of Labor Protection and Welfare on the Illumination standard B.E. 2561, Thailand.

Remark: dayshift



Analysis Report

F-ES-076 (V. 2.0 03-11-2565)

Report number: 202401094

Report date: 20 Sep 2024

Client information

Company: Siam City Cement Public Company Limited
Contact Person: Mr.Thanasak Kongdara
Address: 219 Moo 5 Mitraparp Road, Tabkwang, Khaengkoi, Saraburi 18260
E-mail: thanasak.kongdara@siamcitycement.com
Tel: 08 8594 1565

Sample information

Description: Illumination level measurement at working area.
Location: Siam City Cement Plant 2

Page 2 of 3

Area measurement

Date	Sample Lot ID	Reference Number	Location	Work type / Area	Illumination [Lux]		Standard [Lux]	
					AVG.	Min	AVG.	Min
30 Aug	H0130017	H0130017-8	บดหิน Limestone Crusher TF1	Walkway	254	91	100	50
		H0130017-9	บดหิน Limestone Crusher TF2	Walkway	268	89	100	50
		H0130017-10	Shale Crusher	Walkway	312	145	100	50
		H0130017-11	อาคาร Cement Mill Z5+Z6	Walkway	176	103	100	50
		H0130017-12	อาคาร Cement Mill Z7	Walkway	110	70	100	50

Reference Method:

Notifications of the Department of Labor Protection and Welfare on principle, measurement method and analysis of the working condition on heat level, illumination, or noise B.E. 2561, Thailand.

Reference Standard:

Notifications of the Department of Labor Protection and Welfare on the Illumination standard B.E. 2561, Thailand.

Remark: dayshift



Analysis Report

F-ES-076 (V. 2.0 03-11-2565)

Report number: 202401094

Report date: 20 Sep 2024

Client information

Company: Siam City Cement Public Company Limited
Contact Person: Mr.Thanasak Kongdara
Address: 219 Moo 5 Mitraparp Road, Tabkwang, Khaengkoi, Saraburi 18260
E-mail: thanasak.kongdara@siamcitycement.com

Tel: 08 8594 1565

Sample information

Description: Illumination level measurement at working area.
Location: Siam City Cement Plant 2

Page 3 of 3

Monitoring device / Calibrator information

Equipment: Digital Light Meter
Code: E-EN-184
serial No.: A.043049
Brand / Model: EXTECH / 407026
Calibration date: 10 August 2024
expire date: 9 August 2025

Please scan QR
Code for the
certificate



Sample Reference No.
H0130017-1 H0130017-7
H0130017-2 H0130017-8
H0130017-3 H0130017-9
H0130017-4 H0130017-10
H0130017-5 H0130017-11
H0130017-6 H0130017-12



Analysis Report

F-ES-076 (V. 2.0 03-11-2565)

Report number: 202401098

Report date: 27 Sep 2024

Client information

Company: Siam City Cement Public Company Limited
Contact Person: Mr.Thanasak Kongdara
Address: 219 Moo 5 Mitraparp RD, Tabkwang, Khaengkoi, Saraburi 18260
E-mail: thanasak.kongdara@siamcitycement.com

Tel: 08 8594 1565

Sample information

Description: Illumination level measurement at working area.
Location: Packing Plant 2
Measurement date: 30 August 2024

Sample Lot. ID: H0130018

Page 1 of 2

Workstation measurement

Reference number	Location	Work type / Area	Results [Lux]			Standard [Lux]
			Work station	Adjacent area	Adjacent area	
H0130018-1	Roto packer TF1	Machine	214	+	+	200-300
H0130018-2	ห้องควบคุมการจ่าย TF1 และ TF2	Computer	411	+	+	400-500

Area measurement

Reference number	Location	Work type / Area	Illumination [Lux]		Standard [Lux]	
			Average	Min	Average	Min
H0130018-3	Roto packer TF2	Walkway	105	59	100	50
H0130018-4	โรงผลิตถุง K6	Walkway	112	62	100	50

Reference Method:

Notifications of the Department of Labor Protection and Welfare on principle, measurement method and analysis of the working condition on heat level, illumination, or noise B.E. 2561, Thailand.

Reference Standard:

Notifications of the Department of Labor Protection and Welfare on the Illumination standard B.E. 2561, Thailand.

Remark: daylight



Analysis Report

F-ES-076 (V. 2.0 03-11-2565)

Report number: 202401098

Report date: 27 Sep 2024

Client information

Company: Siam City Cement Public Company Limited
Contact Person: Mr.Thanasak Kongdara
Address: 219 Moo 5 Mitraparp RD, Tabkwang, Khaengkol, Saraburi 18260
E-mail: thanasak.kongdara@siamcitycement.com
Tel: 08 8594 1565


Sample information

Description: Illumination level measurement at working area.
Location: Packing Plant 2
Measurement date: 30 August 2024
Sample Lot. ID: H0130018
Page 2 of 2

Monitoring device / Calibrator Information

Equipment: Digital Light Meter
Code: E-EN-184
serial No.: A.043049
Brand / Model: EXTECH / 407026
Calibration date: 10 August 2024
expire date: 9 August 2025

Please scan QR Code for the certificate



Sample Reference No.
H0130018-1
H0130018-2
H0130018-3
H0130018-4



Analysis Report

F-ES-076 (V. 2.0 03-11-2565)

Report number: 202401108

Report date: 28 Oct 2024

Client information

Company: Siam City Cement Public Company Limited
Contact Person: Mr.Thanasak Kongdara
Address: 99 Moo 9 Mitraparp Road, Tabkwang, Khaengkol, Saraburi 18260
E-mail: thanasak.kongdara@siamcitycement.com
Tel: 08 8594 1565

Sample information

Description: Illumination level measurement at working area.
Location: Siam City Cement Plant 3
Page 1 of 3

Workstation measurement

Date	Sample Lot.ID	Reference Number	Location	Work type / Area	Result [Lux]			Std. [Lux]
					Work station	Adj.	Adj.	
18 Sep	H0130021	H0130021-1	ห้องควบคุมไฟฟ้า	Computer	420	-	-	400-500
27 Sep	H0130022	H0130022-1	ห้องควบคุมไฟฟ้า	Computer	411	-	-	400-500
		H0130022-2	ห้องทำงานที่ Raw Mill K6	Writing	490	-	-	400-500
		H0130022-3	ห้องทำงานพนักงานส่วนผลิตปูนเม็ด	Writing	749	-	-	400-500
		H0130022-4	ห้องทำงานที่ Cement Plant	Writing	449	-	-	400-500
		H0130022-5	อาคาร CCR	Computer	662	-	-	400-500

Reference Method:

Notifications of the Department of Labor Protection and Welfare on principle, measurement method and analysis of the working condition on heat level, illumination, or noise B.E. 2561, Thailand.

Reference Standard:

Notifications of the Department of Labor Protection and Welfare on the Illumination standard B.E. 2561, Thailand.

Remark: dayshift



Analysis Report

F-ES-076 (V. 2.0 03-11-2565)

Report number: 202401108

Report date: 28 Oct 2024

Client information

Company: Siam City Cement Public Company Limited
Contact Person: Mr.Thanasak Kongdara
Address: 99 Moo 9 Mitraparp Road, Tabkwang, Khaengkoi, Saraburi 18260
E-mail: thanasak.kongdara@siamcitycement.com
Tel: 08 8594 1565

Sample information

Description: Illumination level measurement at working area.
Location: Siam City Cement Plant 3

Page 2 of 3

Abs measurement

Date	Sample Lot ID	Reference Number	Location	Work type / Area	Illumination [Lux]		Standard [Lux]	
					AVG.	Min	AVG.	Min
16 Sep	H0130021	H0130021-2	หินบด Limestone Crusher K5	Walkway	272	73	100	50
		H0130021-3	หินบด Limestone Crusher K6	Walkway	262	85	100	50
27 Sep	H0130022	H0130022-7	Shale Crusher	Walkway	327	61	100	50
		H0130022-8	อาคาร Cement Mill Z8+Z9	Walkway	160	92	100	50
		H0130022-9	อาคาร Cement Mill Z10	Walkway	108	57	100	50
		H0130022-10	สโมสร	canteen	321	264	300	150

Reference Method:

Notifications of the Department of Labor Protection and Welfare on principle, measurement method and analysis of the working condition on heat level, illumination, or noise B.E. 2561, Thailand.

Reference Standard:

Notifications of the Department of Labor Protection and Welfare on the Illumination standard B.E. 2561, Thailand.

Remark: daylight



Analysis Report

F-ES-076 (V. 2.0 03-11-2565)

Report number: 202401108

Report date: 28 Oct 2024

Client information

Company: Siam City Cement Public Company Limited
Contact Person: Mr.Thanasak Kongdara
Address: 99 Moo 9 Mitraparp Road, Tabkwang, Khaengkoi, Saraburi 18260
E-mail: thanasak.kongdara@siamcitycement.com
Tel: 08 8594 1565

Sample information

Description: Illumination level measurement at working area.
Location: Siam City Cement Plant 3

Page 3 of 3

Monitoring device / Calibrator information

Equipment: Digital Light Meter
Code: E-EN-184
serial No.: A.043049
Brand / Model: EXTECH / 407026
Calibration date: 10 August 2024
expire date: 9 August 2025

Please scan QR Code for the certificate



Sample Reference No.
H0130021-1 H0130022-4
H0130021-2 H0130022-5
H0130021-3 H0130022-7
H0130022-1 H0130022-8
H0130022-2 H0130022-9
H0130022-3 H0130022-10



Analysis Report

F-ES-076 (V. 2.0 03-11-2565)

Report number: 202401120

Report date: 29 Oct 2024

Client information

Company: Siam City Cement Public Company Limited
Contact Person: Mr.Thanasak Kongdara
Address: 99 Moo 9 Mitraparp RD, Tabkwang, Khaengkol, Saraburi 18260
E-mail: thanasak.kongdara@siamcitycement.com
Tel: 08 8594 1565

Sample information

Description: Illumination level measurement at working area.
Location: Packing Plant 3
Measurement date: 28 October 2024
Sample Lot ID: H0130024
Page 1 of 2

Workstation measurement

Reference number	Location	Work type / Area	Results [Lux]			Standard [Lux]
			Work station	Adjacent area	Adjacent area	
H0130024-1	Roto packer K5	Machine	217	-	-	200-300
H0130024-2	Roto packer K6	Machine	238	-	-	200-300
H0130024-3	โรงผลิตถุง K5	Machine	275	-	-	200-300
H0130024-4	ห้องควบคุมการจ่าย K5 และ K6	Computer	563	-	-	400-500

Area measurement

Reference number	Location	Work type / Area	Illumination [Lux]		Standard [Lux]	
			Average	Min	Average	Min
H0130024-5	โรงผลิตถุง K6	Walkway	135	62	100	50

Reference Method:

Notifications of the Department of Labor Protection and Welfare on principle, measurement method and analysis of the working condition on heat level, illumination, or noise B.E. 2561, Thailand.

Reference Standard:

Notifications of the Department of Labor Protection and Welfare on the Illumination standard B.E. 2561, Thailand.

Remark: dayshift



Analysis Report

F-ES-076 (V. 2.0 03-11-2565)

Report number: 202401120

Report date: 29 Oct 2024

Client information

Company: Siam City Cement Public Company Limited
Contact Person: Mr.Thanasak Kongdara
Address: 99 Moo 9 Mitraparp RD, Tabkwang, Khaengkol, Saraburi 18260
E-mail: thanasak.kongdara@siamcitycement.com
Tel: 08 8594 1565

Sample information

Description: Illumination level measurement at working area.
Location: Packing Plant 3
Measurement date: 28 October 2024
Sample Lot ID: H0130024
Page 2 of 2

Monitoring device / Calibrator information

Equipment: Digital Light Meter	Please scan QR Code for the certificate 	Sample Reference No. H0130024-1 H0130024-2 H0130024-3 H0130024-4 H0130024-5
Code: E-EN-184		
serial No.: A.043049		
Brand / Model: EXTECH / 407026		
Calibration date: 10 August 2024 expire date: 9 August 2025		

ภาคผนวก ค-8

การตรวจวัดเส้นระดับเสียงที่เท่ากัน (Noise Contour)



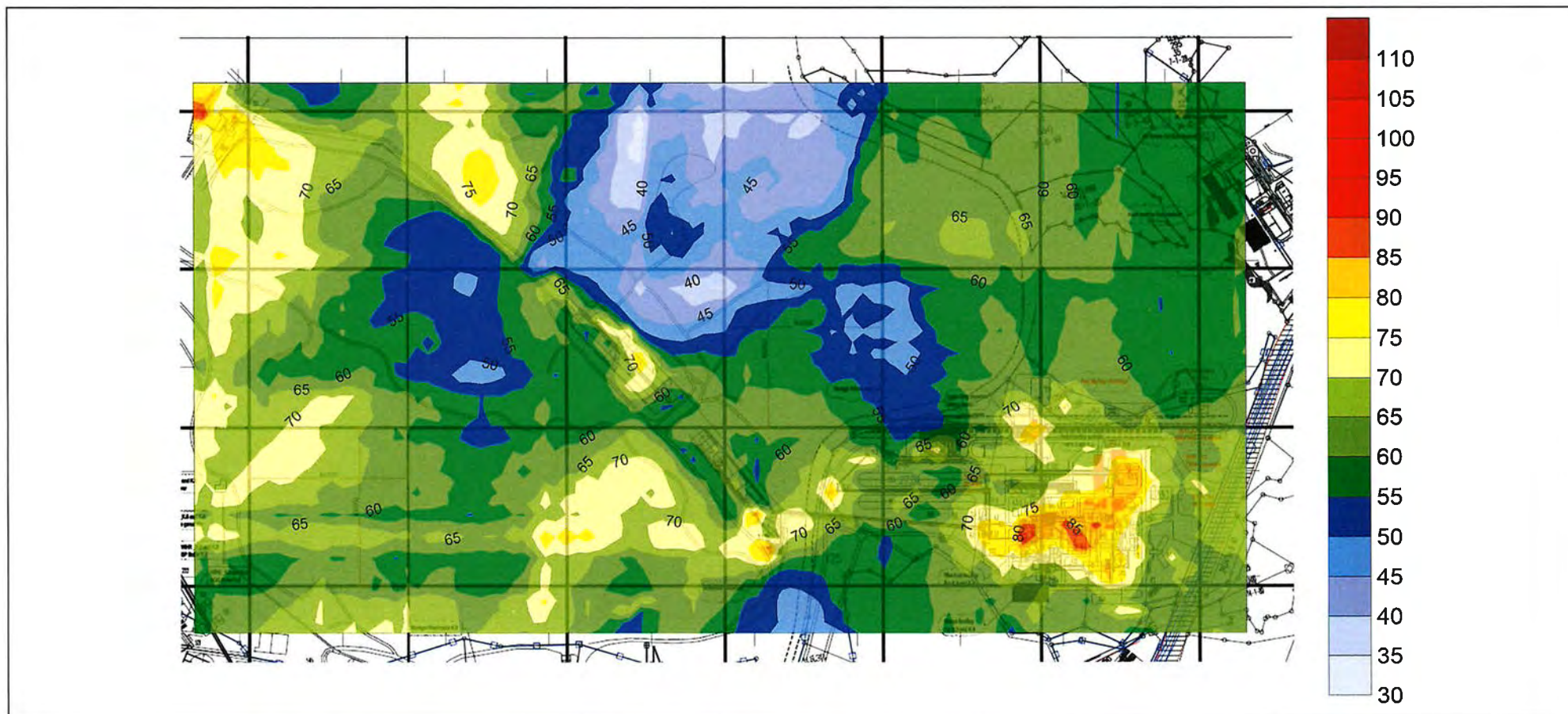
Noise Contour Map

Siam City Cement Public Company Limited

โรงงาน 2 (Plant 2)

Reference Number : Lot 2423291-1

Measurement Date : Aug 19 - Oct 31, 2024



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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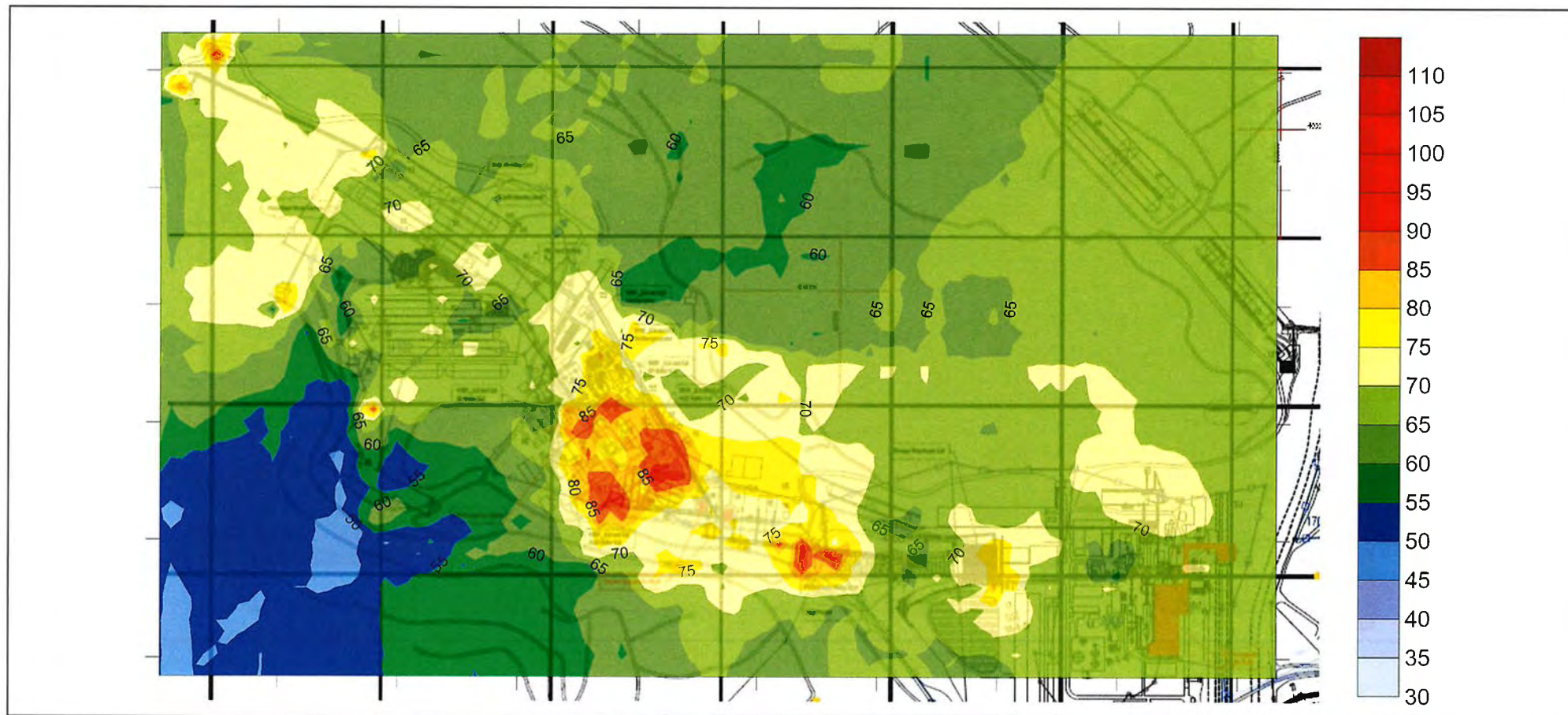
Noise Contour Map

Siam City Cement Public Company Limited

โรงงาน 3 (Plant 3)

Reference Number : Lot 2423292-1

Measurement Date : Aug 19 - Oct 31, 2024



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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