

ภาคผนวก จ
ใบรายงานผลการวิเคราะห์



คุณภาพอากาศในบรรยากาศโดยทั่วไป



United Analyst and Engineering Consultant Co., Ltd.
35oi Udomsuk 41, Sukhumvit Road, Bangkok, Phrakhanong, Bangkok 10260
Tel.027632828 Fax.027632800 www.uaecconsultant.com E-mail:uae@uaecconsultant.com

ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (QUARRY 35 PLOT-SCCC)
CUSTOMER NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED
ADDRESS : [REDACTED]

CONTACT INFORMATION

SAMPLE TYPE : AMBIENT
SAMPLING DATE : MARCH 28, 2023
SAMPLING TIME : 08:00
SAMPLING BY : MR. SAKSHITH NUNNIM
ANALYZED BY : MISS JETJARIN TUMSA-AT
RECEIVED DATE : MARCH 28, 2023
ANALYTICAL DATE : MARCH 28-APRIL 3, 2023
REPORT NO. : 2023-U024581
WORK NO. : 2021-001114
ANALYSIS NO. : T23AF524-0010 - T23AF524-0012

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		
			T23AF524-0010	T23AF524-0011	T23AF524-0012
TOTAL SUSPENDED PARTICULATE	mg/m ³	GRAVIMETRIC (HIGH VOLUME METHOD)	0.087	0.087	0.089
PARTICULATE MATTER (≤ 10 µm)	mg/m ³	GRAVIMETRIC (HIGH VOLUME METHOD)	0.038	0.041	0.040
SAMPLE CONDITION			COMPLETE	COMPLETE	COMPLETE

REMARK : REFERENCE CONDITION IS 25 DEGREE CELSIUS AT 1. ATMOSPHERE.
TSP, PM10 : US EPA, CODE OF FEDERAL REGULATIONS, 40 CFR CHAPTER 1-PART 50 APPENDIX B, REFERENCE METHOD FOR THE DETERMINATION OF SUSPENDED PARTICULATE MATTER IN THE ATMOSPHERE (HIGH-VOLUME METHOD) REVISED AS OF JULY 1, 2021.
PM10 : US EPA, CODE OF FEDERAL REGULATIONS, 40 CFR CHAPTER 1-PART 50 APPENDIX 3, REFERENCE METHOD FOR THE DETERMINATION OF PARTICULATE MATTER AS PM10 IN THE ATMOSPHERE (HIGH-VOLUME METHOD) REVISED AS OF JULY 1, 2021.
* : SAMPLING FROM 10:00 HOUR ON MARCH 23, 2023 TO 10:00 HOUR ON MARCH 24, 2023.
** : SAMPLING FROM 10:00 HOUR ON MARCH 24, 2023 TO 10:00 HOUR ON MARCH 25, 2023.
*** : SAMPLING FROM 10:00 HOUR ON MARCH 25, 2023 TO 10:00 HOUR ON MARCH 26, 2023.

(MISS BUDSARORN LERDPANUNAS)
LABORATORY SUPERVISOR

APRIL 6, 2023

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ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (QUARRY 35 PLOT-SCCC)
CUSTOMER NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED
ADDRESS : [REDACTED]

CONTACT INFORMATION

SAMPLE TYPE : AMBIENT
SAMPLING DATE : MARCH 28, 2023
SAMPLING TIME : 08:00
SAMPLING BY : MR. UTHAI KAENRANMOOK
ANALYZED BY : MISS JETJARIN TUMSA-AT
RECEIVED DATE : MARCH 28, 2023
ANALYTICAL DATE : MARCH 28-APRIL 3, 2023
REPORT NO. : 2023-U024562
WORK NO. : 2021-001114
ANALYSIS NO. : T23AF522-0004 - T23AF522-0006

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		
			T23AF522-0004	T23AF522-0005	T23AF522-0006
TOTAL SUSPENDED PARTICULATE	mg/m ³	GRAVIMETRIC (HIGH VOLUME METHOD)	0.083	0.09	0.06
PARTICULATE MATTER (≤ 10 µm)	mg/m ³	GRAVIMETRIC (HIGH VOLUME METHOD)	0.033	0.036	0.030
SAMPLE CONDITION			COMPLETE	COMPLETE	COMPLETE

REMARK : REFERENCE CONDITION IS 25 DEGREE CELSIUS AT 1. ATMOSPHERE.
TSP, PM10 : US EPA, CODE OF FEDERAL REGULATIONS, 40 CFR CHAPTER 1-PART 50 APPENDIX B, REFERENCE METHOD FOR THE DETERMINATION OF SUSPENDED PARTICULATE MATTER IN THE ATMOSPHERE (HIGH-VOLUME METHOD) REVISED AS OF JULY 1, 2021.
PM10 : US EPA, CODE OF FEDERAL REGULATIONS, 40 CFR CHAPTER 1-PART 50 APPENDIX 3, REFERENCE METHOD FOR THE DETERMINATION OF PARTICULATE MATTER AS PM10 IN THE ATMOSPHERE (HIGH-VOLUME METHOD) REVISED AS OF JULY 1, 2021.
* : SAMPLING FROM 10:00 HOUR ON MARCH 23, 2023 TO 10:00 HOUR ON MARCH 24, 2023.
** : SAMPLING FROM 10:00 HOUR ON MARCH 24, 2023 TO 10:00 HOUR ON MARCH 25, 2023.
*** : SAMPLING FROM 10:00 HOUR ON MARCH 25, 2023 TO 10:00 HOUR ON MARCH 26, 2023.

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ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (QUARRY 35 PLOT-5CCC)
CUSTOMER NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED
ADDRESS : [REDACTED]
CONTACT INFORMATION : [REDACTED]
SAMPLING SOURCE : AMBIENT
SAMPLE TYPE : AMBIENT
SAMPLING DATE : MARCH 28, 2023
ANALYTICAL DATE : MARCH 28-APRIL 3, 2023
REPORT NO. : 2023-U024563
SAMPLING TIME : 2023-U024563
SAMPLING BY : MR. UTHAI KAEWRAKHOK
WORK NO. : 2021-001114
ANALYZED BY : MISS JETJARN TUMSA-AT
ANALYSIS NO. : T23AF522-0007 - T23AF522-0009

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		
			T23AF522-0007	T23AF522-0008	T23AF522-0009
TOTAL SUSPENDED PARTICULATE	mg/m ³	GRAVIMETRIC (HIGH VOLUME METHOD)	0.053	0.115	0.037
PARTICULATE MATTER (≤ 10 µm)	mg/m ³	GRAVIMETRIC (HIGH VOLUME METHOD)	0.054	0.057	0.063
SAMPLE CONDITION			COMPLETE	COMPLETE	COMPLETE

REMARK
TSP, PM10 : REFERENCE CONDITION IS 25 DEGREE CELSIUS AT 1. ATMOSPHERE.
TSP : US EPA, CODE OF FEDERAL REGULATIONS, 40 CFR CHAPTER 1-PART 50 APPENDIX B, REFERENCE METHOD FOR THE DETERMINATION OF SUSPENDED PARTICULATE MATTER IN THE ATMOSPHERE (HIGH-VOLUME METHOD) REVISED AS OF JULY 1, 2021.
PM10 : US EPA, CODE OF FEDERAL REGULATIONS, 40 CFR CHAPTER 1-PART 50 APPENDIX J, REFERENCE METHOD FOR THE DETERMINATION OF PARTICULATE MATTER AS PM10 IN THE ATMOSPHERE (HIGH-VOLUME METHOD) REVISED AS OF JULY 1, 2021.
* : SAMPLING FROM 09:00 HOUR ON MARCH 23, 2023 TO 09:00 HOUR ON MARCH 24, 2023.
** : SAMPLING FROM 09:00 HOUR ON MARCH 24, 2023 TO 09:00 HOUR ON MARCH 25, 2023.
*** : SAMPLING FROM 09:00 HOUR ON MARCH 25, 2023 TO 09:00 HOUR ON MARCH 26, 2023.

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LABORATORY SUPERVISOR

APRIL 6, 2023

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ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (QUARRY 35 PLOT-5CCC)
CUSTOMER NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED
ADDRESS : [REDACTED]
CONTACT INFORMATION : [REDACTED]
SAMPLING SOURCE : AMBIENT
SAMPLE TYPE : AMBIENT
SAMPLING DATE : MARCH 28, 2023
ANALYTICAL DATE : MARCH 28-APRIL 3, 2023
REPORT NO. : 2023-U024564
SAMPLING TIME : 2023-U024564
SAMPLING BY : MR. UTHAI KAEWRAKHOK
WORK NO. : 2021-001114
ANALYZED BY : MISS JETJARN TUMSA-AT
ANALYSIS NO. : T23AF522-0010 - T23AF522-0012

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		
			T23AF522-0010	T23AF522-0011	T23AF522-0012
TOTAL SUSPENDED PARTICULATE	mg/m ³	GRAVIMETRIC (HIGH VOLUME METHOD)	0.145	0.147	0.138
PARTICULATE MATTER (≤ 10 µm)	mg/m ³	GRAVIMETRIC (HIGH VOLUME METHOD)	0.085	0.048	0.083
SAMPLE CONDITION			COMPLETE	COMPLETE	COMPLETE

REMARK
TSP, PM10 : REFERENCE CONDITION IS 25 DEGREE CELSIUS AT 1. ATMOSPHERE.
TSP : US EPA, CODE OF FEDERAL REGULATIONS, 40 CFR CHAPTER 1-PART 50 APPENDIX B, REFERENCE METHOD FOR THE DETERMINATION OF SUSPENDED PARTICULATE MATTER IN THE ATMOSPHERE (HIGH-VOLUME METHOD) REVISED AS OF JULY 1, 2021.
PM10 : US EPA, CODE OF FEDERAL REGULATIONS, 40 CFR CHAPTER 1-PART 50 APPENDIX J, REFERENCE METHOD FOR THE DETERMINATION OF PARTICULATE MATTER AS PM10 IN THE ATMOSPHERE (HIGH-VOLUME METHOD) REVISED AS OF JULY 1, 2021.
* : SAMPLING FROM 10:30 HOUR ON MARCH 23, 2023 TO 10:30 HOUR ON MARCH 24, 2023.
** : SAMPLING FROM 10:30 HOUR ON MARCH 24, 2023 TO 10:30 HOUR ON MARCH 25, 2023.
*** : SAMPLING FROM 10:30 HOUR ON MARCH 25, 2023 TO 10:30 HOUR ON MARCH 26, 2023.

(MISS BUSSAKORN LERDPANUMAS)
LABORATORY SUPERVISOR

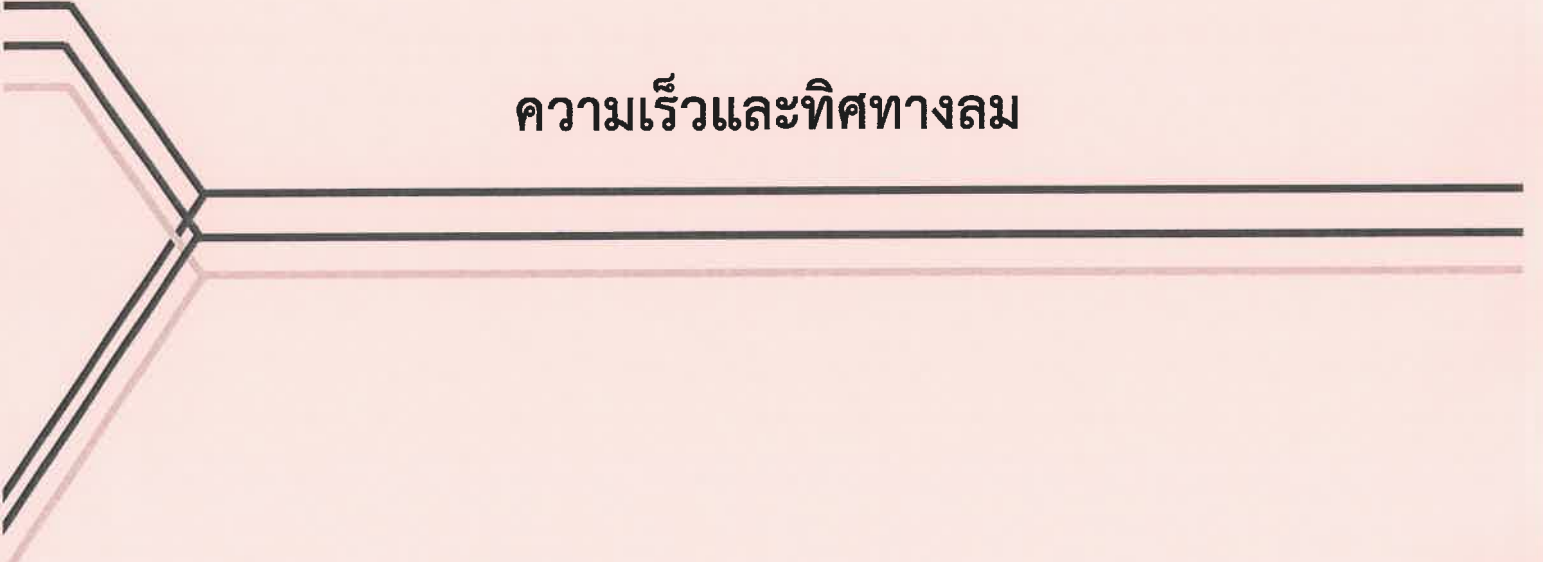
APRIL 6, 2023

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ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (QUARRY 35 PLOT-SCCC)
CUSTOMER NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED
ADDRESS : [REDACTED]

CONTACT INFORMATION

MEASURING PLACE : บ้านพักพนักงาน (ใกล้ถนนสุขุมวิท)

MEASURING TYPE : AMBIENT (AIR)

MEASURING DATE : MARCH 23-26, 2023

MEASURING TIME : *

MEASURING METHOD : WIND SPEED & WIND DIRECTION EQUIPMENT

MEASURED BY : MR. UTHAI KADWAKHOK

RECEIVED DATE : MARCH 23-26, 2023

ANALYTICAL DATE : MARCH 23-26, 2023

REPORT NO. : 2023-024754

WORK NO. : 2021-00114

ANALYSIS NO. : T23AF522-0001 - T23AF522-0003

TIME *	RESULT (m/s)					
	MARCH 23 - 24, 2023 T23AF522-0001			MARCH 24 - 25, 2023 T23AF522-0002		
	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION
07:00-08:00 HOUR	2.3	N	1.7	E	2.6	S
08:00-09:00 HOUR	1.7	NNE	1.5	SSE	3.0	SE
09:00-10:00 HOUR	1.6	NNE	2.0	SSE	2.8	SW
10:00-11:00 HOUR	1.4	SE	2.3	SSE	2.3	SSW
11:00-12:00 HOUR	1.3	SSE	2.1	SSE	1.9	SW
12:00-13:00 HOUR	0.8	S	1.7	SSE	1.1	WSW
13:00-14:00 HOUR	1.1	ENE	1.6	S	0.8	SW
14:00-15:00 HOUR	1.5	ENE	1.4	S	1.1	WSW
15:00-16:00 HOUR	1.4	SSE	0.9	ESE	0.9	SW
16:00-17:00 HOUR	1.5	SSW	0.9	SSE	1.2	WSW
17:00-18:00 HOUR	1.5	SSE	1.1	S	1.1	SSW
18:00-19:00 HOUR	1.6	S	0.7	ESE	0.8	SSW
19:00-20:00 HOUR	2.0	S	1.0	SSW	0.7	SSE
20:00-21:00 HOUR	1.5	SSE	1.3	SW	1.0	SE
21:00-22:00 HOUR	1.5	S	1.5	S	1.2	SSE
22:00-23:00 HOUR	1.8	SSW	1.8	SSW	1.1	ESE
23:00-00:00 HOUR	1.9	S	1.7	SSW	0.9	SE
00:00-01:00 HOUR	1.7	SSW	1.8	WNW	1.2	SSE
01:00-02:00 HOUR	2.0	S	1.7	SW	1.0	SE
02:00-03:00 HOUR	2.0	SSE	1.7	W	0.7	SSE
03:00-04:00 HOUR	2.0	SE	2.9	W	0.8	S
04:00-05:00 HOUR	1.5	SE	2.3	WSW	1.0	SSE
05:00-06:00 HOUR	1.6	ESE	2.8	WSW	1.2	S
06:00-07:00 HOUR	1.7	ESE	3.2	SE	1.3	SSE

(MR. SILA BANGONGAIRUK)
LABORATORY SUPERVISOR

APRIL 7, 2023

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ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (QUARRY 35 PLOT-SCCC)
CUSTOMER NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED
ADDRESS : [REDACTED]

CONTACT INFORMATION

MEASURING PLACE : บ้านพักพนักงาน (ใกล้ถนนสุขุมวิท)

MEASURING TYPE : AMBIENT (AIR)

MEASURING DATE : MARCH 23-26, 2023

MEASURING TIME : *

MEASURING METHOD : WIND SPEED & WIND DIRECTION EQUIPMENT

MEASURED BY : MR. SAKSITHON NUNNIM

RECEIVED DATE : MARCH 23-26, 2023

ANALYTICAL DATE : MARCH 23-26, 2023

REPORT NO. : 2023-024906

WORK NO. : 2021-00114

ANALYSIS NO. : T23AF524-0001 - T23AF524-0003

TIME *	RESULT (m/s)					
	MARCH 23 - 24, 2023 T23AF524-0001			MARCH 24 - 25, 2023 T23AF524-0002		
	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION
07:00-08:00 HOUR	1.1	S	1.4	SSE	2.2	S
08:00-09:00 HOUR	1.1	SSE	1.9	S	1.8	SSW
09:00-10:00 HOUR	1.9	SSE	2.0	S	1.9	SSW
10:00-11:00 HOUR	2.0	SE	1.5	S	1.9	S
11:00-12:00 HOUR	1.8	SSE	2.0	SE	2.1	S
12:00-13:00 HOUR	1.1	SE	2.0	SSE	1.7	SSW
13:00-14:00 HOUR	1.2	S	2.3	SSE	2.3	S
14:00-15:00 HOUR	0.9	SSW	1.8	SE	2.0	SW
15:00-16:00 HOUR	0.9	S	1.7	SSE	2.0	SW
16:00-17:00 HOUR	1.1	SSW	2.3	SSE	2.4	SW
17:00-18:00 HOUR	0.8	SSW	1.6	S	1.9	SSW
18:00-19:00 HOUR	1.2	SSW	2.2	SSE	2.0	S
19:00-20:00 HOUR	1.7	SSW	1.9	SSE	2.1	S
20:00-21:00 HOUR	1.6	S	1.8	SSE	2.0	SSE
21:00-22:00 HOUR	2.3	SSW	2.3	SE	1.6	SE
22:00-23:00 HOUR	1.6	SW	1.9	SSE	1.2	SE
23:00-00:00 HOUR	1.7	SSW	1.4	SSE	1.2	S
00:00-01:00 HOUR	2.0	SW	1.4	SSE	1.0	SSE
01:00-02:00 HOUR	1.8	SSW	2.2	SE	0.9	S
02:00-03:00 HOUR	1.6	S	1.8	SSE	1.1	S
03:00-04:00 HOUR	1.6	S	2.0	SSE	1.1	S
04:00-05:00 HOUR	2.0	SSE	2.0	S	1.7	S
05:00-06:00 HOUR	2.0	SSW	2.2	S	1.7	SSW
06:00-07:00 HOUR	2.3	S	2.3	SSW	1.8	SSE

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LABORATORY SUPERVISOR

APRIL 7, 2023

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ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (QUARRY 35 PLOT-SCCC)
CUSTOMER NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED
ADDRESS : [REDACTED]
CONTACT INFORMATION : [REDACTED]
MEASURING PLACE : [REDACTED]
MEASURING TYPE : AMBIENT (AIR)
MEASURING DATE : MARCH 23-26, 2023
MEASURING TIME : 2023-0024907
MEASURING METHOD : WIND SPEED & WIND DIRECTION EQUIPMENT
MEASURED BY : MR. SAKSITHON NUMNIM
RECEIVED DATE : MARCH 23-26, 2023
ANALYTICAL DATE : MARCH 23-26, 2023
REPORT NO. : 2023-0024907
WORK NO. : 2021-001114
ANALYSIS NO. : T23AF524-0004 - T23AF524-0006

TIME *	RESULT (m/s)					
	MARCH 23 - 24, 2023		MARCH 24 - 25, 2023		MARCH 25 - 26, 2023	
	T23AF524-0004		T23AF524-0005		T23AF524-0006	
	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION
07:00-08:00 HOUR	0.9	SSW	2.4	S	1.6	SSW
08:00-09:00 HOUR	1.6	S	1.7	SSW	2.0	SW
09:00-10:00 HOUR	1.8	SW	1.5	S	2.3	SSW
10:00-11:00 HOUR	2.0	SW	0.8	SSW	2.3	SW
11:00-12:00 HOUR	2.1	S	0.9	SW	2.3	S
12:00-13:00 HOUR	2.3	SSW	1.3	SW	1.7	SSW
13:00-14:00 HOUR	2.1	SSW	1.3	WSW	1.3	S
14:00-15:00 HOUR	2.5	SSE	1.1	SW	1.4	S
15:00-16:00 HOUR	1.8	S	1.4	WSW	1.1	S
16:00-17:00 HOUR	2.2	S	1.8	SSW	1.0	SSE
17:00-18:00 HOUR	1.5	SSW	1.9	SSW	0.8	SSE
18:00-19:00 HOUR	1.6	SSE	2.3	SW	0.9	SSE
19:00-20:00 HOUR	1.7	S	2.8	S	1.2	SSE
20:00-21:00 HOUR	1.6	S	3.0	SSE	0.9	SSW
21:00-22:00 HOUR	1.6	SSE	2.3	SSW	1.0	SSW
22:00-23:00 HOUR	2.4	SSW	2.1	SSW	0.8	SSW
23:00-00:00 HOUR	2.5	S	2.2	S	1.1	SSW
00:00-01:00 HOUR	1.9	SSW	1.4	SSW	1.3	S
01:00-02:00 HOUR	2.8	S	1.3	SSW	1.5	SW
02:00-03:00 HOUR	2.7	S	0.8	SSW	1.6	S
03:00-04:00 HOUR	3.0	SSW	0.9	SSW	1.2	S
04:00-05:00 HOUR	2.5	S	0.8	S	1.1	SSE
05:00-06:00 HOUR	2.6	SSW	1.2	S	1.0	S
06:00-07:00 HOUR	2.2	SSW	1.3	SW	1.1	SSW

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LABORATORY SUPERVISOR

APRIL 7, 2023

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ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (QUARRY 35 PLOT-SCCC)
CUSTOMER NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED
ADDRESS : [REDACTED]
CONTACT INFORMATION : [REDACTED]
MEASURING PLACE : [REDACTED]
MEASURING TYPE : AMBIENT (AIR)
MEASURING DATE : MARCH 23-26, 2023
MEASURING TIME : *
MEASURING METHOD : WIND SPEED & WIND DIRECTION EQUIPMENT
MEASURED BY : MR. SAKSITHON NUMNIM
RECEIVED DATE : MARCH 23-26, 2023
ANALYTICAL DATE : MARCH 23-26, 2023
REPORT NO. : 2023-0024909
WORK NO. : 2021-001114
ANALYSIS NO. : T23AF524-0007 - T23AF524-0009

TIME *	RESULT (m/s)					
	MARCH 23 - 24, 2023		MARCH 24 - 25, 2023		MARCH 25 - 26, 2023	
	T23AF524-0007		T23AF524-0008		T23AF524-0009	
	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION
07:00-08:00 HOUR	0.7	S	1.7	S	1.5	SSW
08:00-09:00 HOUR	0.9	SSW	2.2	SSE	1.6	S
09:00-10:00 HOUR	1.1	S	2.2	S	1.8	S
10:00-11:00 HOUR	1.1	S	1.7	SSW	1.5	S
11:00-12:00 HOUR	0.8	S	1.9	SSE	1.9	SSW
12:00-13:00 HOUR	1.1	SSW	1.5	SE	1.7	SSW
13:00-14:00 HOUR	1.0	S	1.3	SSE	1.5	SSW
14:00-15:00 HOUR	1.6	S	1.4	SSE	1.9	S
15:00-16:00 HOUR	1.4	SSE	2.0	S	1.7	S
16:00-17:00 HOUR	2.1	S	1.6	S	0.9	S
17:00-18:00 HOUR	2.2	SSW	2.0	SSE	1.1	SSW
18:00-19:00 HOUR	1.9	SSW	2.2	SSE	0.8	SSW
19:00-20:00 HOUR	2.2	SSE	1.8	SSE	0.6	SSW
20:00-21:00 HOUR	1.7	SSW	2.1	SSE	0.8	S
21:00-22:00 HOUR	1.7	SW	2.2	S	1.2	S
22:00-23:00 HOUR	1.5	SW	2.2	SSE	1.0	S
23:00-00:00 HOUR	1.2	SSW	1.6	S	0.8	SSE
00:00-01:00 HOUR	1.6	SW	1.6	SSW	0.9	SSW
01:00-02:00 HOUR	2.1	S	1.7	SSE	1.2	SSE
02:00-03:00 HOUR	1.3	SSW	1.0	S	1.0	S
03:00-04:00 HOUR	1.5	S	0.8	SSW	1.1	SSW
04:00-05:00 HOUR	2.2	SSW	1.1	SSW	0.9	S
05:00-06:00 HOUR	1.8	SSW	1.0	SSW	1.3	SSW
06:00-07:00 HOUR	2.3	SSW	1.1	S	1.4	S

LABORATORY SUPERVISOR

APRIL 7, 2023

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Tel.0 2763 2828 Fax.0 2763 2800 www.uaconsultant.com E-mail: ua@uaconsultant.com

ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (QUARRY 35 PLOT-SCCC)
CUSTOMER NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED
ADDRESS : [REDACTED]
CONTACT INFORMATION : [REDACTED]
MEASURING PLACE : [REDACTED]
MEASURING TYPE : AMBIENT (AIR)
MEASURING DATE : MARCH 23-26, 2023
MEASURING TIME : *
MEASURING METHOD : WIND SPEED & WIND DIRECTION EQUIPMENT
MEASURED BY : MR. SAKSITHON NUMINON

RECEIVED DATE : MARCH 23-26, 2023
ANALYTICAL DATE : MARCH 23-26, 2023
REPORT NO. : 2023-UD4911
WORK NO. : 2021-001114
ANALYSIS NO. : T23AF524-0010 - T23AF524-0012

TIME *	RESULT (m/s)					
	MARCH 23 - 24, 2023		MARCH 24 - 25, 2023		MARCH 25 - 26, 2023	
	T23AF524-0010		T23AF524-0011		T23AF524-0012	
07:00-08:00 HOUR	1.9	SSW	1.3	S	0.9	SSW
08:00-09:00 HOUR	1.9	SSW	1.4	SSW	1.1	SSW
09:00-10:00 HOUR	1.8	SSW	1.7	S	0.9	SSW
10:00-11:00 HOUR	1.9	SSE	1.7	S	1.2	S
11:00-12:00 HOUR	1.8	SSE	1.7	SSW	1.3	S
12:00-13:00 HOUR	2.0	S	1.7	SSE	1.2	S
13:00-14:00 HOUR	1.8	S	1.8	S	1.5	S
14:00-15:00 HOUR	1.8	SW	1.6	SSE	1.7	SSW
15:00-16:00 HOUR	2.3	SSW	1.8	SSE	1.5	SSE
16:00-17:00 HOUR	1.7	SW	1.5	S	1.9	S
17:00-18:00 HOUR	2.5	SSW	2.0	SSW	2.1	SSW
18:00-19:00 HOUR	2.3	SW	2.2	S	1.9	SSW
19:00-20:00 HOUR	2.5	SSW	1.4	S	2.4	S
20:00-21:00 HOUR	2.1	S	1.4	SSW	2.8	S
21:00-22:00 HOUR	2.0	S	1.2	SSW	2.9	SE
22:00-23:00 HOUR	1.5	S	1.3	SSE	2.6	SE
23:00-00:00 HOUR	0.9	S	0.9	S	3.0	S
00:00-01:00 HOUR	0.8	S	1.0	S	2.2	SSE
01:00-02:00 HOUR	1.0	SSE	1.1	S	2.9	SSW
02:00-03:00 HOUR	1.1	SSW	0.7	SSE	2.7	S
03:00-04:00 HOUR	1.0	SW	0.9	S	2.5	SE
04:00-05:00 HOUR	1.1	SSW	0.7	SW	2.3	S
05:00-06:00 HOUR	0.7	SW	0.7	SSW	2.0	SSE
06:00-07:00 HOUR	0.9	S	0.8	S	1.9	S

(MR. SULA BANDINGAURUK)
LABORATORY SUPERVISOR

APRIL 7, 2023

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ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (QUARRY 35 PLOT-SCCC)
CUSTOMER NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED
ADDRESS : [REDACTED]
CONTACT INFORMATION : [REDACTED]
MEASURING PLACE : [REDACTED]
MEASURING TYPE : AMBIENT (AIR)
MEASURING DATE : MARCH 23-26, 2023
MEASURING TIME : *
MEASURING METHOD : WIND SPEED & WIND DIRECTION EQUIPMENT
MEASURED BY : MR. UTHAI KAEVIRAKHONK

RECEIVED DATE : MARCH 23-26, 2023
ANALYTICAL DATE : MARCH 23-26, 2023
REPORT NO. : 2023-UD4756
WORK NO. : 2021-001114
ANALYSIS NO. : T23AF522-0004 - T23AF522-0006

TIME *	RESULT (m/s)					
	MARCH 23 - 24, 2023		MARCH 24 - 25, 2023		MARCH 25 - 26, 2023	
	T23AF522-0004		T23AF522-0005		T23AF522-0006	
07:00-08:00 HOUR	1.7	NW	2.8	SE	1.2	NE
08:00-09:00 HOUR	1.7	NW	2.5	SE	0.8	NE
09:00-10:00 HOUR	2.1	S	2.8	SSE	1.1	ESE
10:00-11:00 HOUR	2.3	WNW	2.9	SSE	0.9	ESE
11:00-12:00 HOUR	1.8	S	2.1	SSE	1.3	SE
12:00-13:00 HOUR	1.9	SE	2.8	SSE	0.8	SW
13:00-14:00 HOUR	2.4	SSE	2.3	SSW	1.5	SSE
14:00-15:00 HOUR	2.1	SE	1.8	S	1.7	S
15:00-16:00 HOUR	3.2	ENE	1.7	S	2.9	WSW
16:00-17:00 HOUR	2.9	ENE	1.8	S	3.1	WNW
17:00-18:00 HOUR	2.6	ENE	2.3	S	3.0	WNW
18:00-19:00 HOUR	2.4	ENE	1.9	SW	2.5	WNW
19:00-20:00 HOUR	2.1	SE	2.2	SE	2.3	WNW
20:00-21:00 HOUR	1.8	S	2.3	ESE	1.8	SW
21:00-22:00 HOUR	1.4	SW	3.2	SSE	2.2	WSW
22:00-23:00 HOUR	1.2	W	3.2	SE	2.1	SSW
23:00-00:00 HOUR	1.8	SW	2.5	SE	1.7	S
00:00-01:00 HOUR	1.1	WSW	3.1	SSE	2.2	SSW
01:00-02:00 HOUR	1.1	SSW	3.4	SE	2.0	WSW
02:00-03:00 HOUR	0.7	SE	2.5	SSE	2.1	SSW
03:00-04:00 HOUR	1.1	SSE	2.0	ESE	2.1	SW
04:00-05:00 HOUR	1.5	S	1.4	SE	1.6	SW
05:00-06:00 HOUR	2.1	ESE	1.0	ESE	1.6	SSW
06:00-07:00 HOUR	2.3	SE	0.8	NE	1.7	SW

(MR. SULA BANDINGAURUK)
LABORATORY SUPERVISOR

APRIL 7, 2023

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Tel: 02-2763-2828 Fax: 02-2763-2800 www.laeconsultant.com E-mail: lae@laeconsultant.com

ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (QUARRY 35 PLOT-SCCC)
CUSTOMER NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED
ADDRESS : [REDACTED]

CONTACT INFORMATION

MEASURING PLACE : [REDACTED]
MEASURING TYPE : AMBIENT (AIR)
MEASURING DATE : MARCH 23-26, 2023
MEASURING TIME : MARCH 23-26, 2023
MEASURING METHOD : 2023-U024757
MEASURING EQUIPMENT : WIND SPEED & WIND DIRECTION EQUIPMENT
MEASURING NO. : 2021-001114
MEASURED BY : MR. UTHAI KAEHRANKHOK
ANALYSIS NO. : T23AF522-0009

TIME *	RESULT (m/s)			
	MARCH 23 - 24, 2023		MARCH 25 - 26, 2023	
	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION
07:00-08:00 HOUR	2.2	NE	2.3	SSE
08:00-09:00 HOUR	1.8	NE	2.2	E
09:00-10:00 HOUR	1.8	NE	1.6	E
10:00-11:00 HOUR	1.7	S	2.6	E
11:00-12:00 HOUR	2.0	S	2.6	ESE
12:00-13:00 HOUR	1.8	SSE	2.6	E
13:00-14:00 HOUR	1.6	E	2.5	S
14:00-15:00 HOUR	2.2	ENE	2.0	SSE
15:00-16:00 HOUR	1.7	ENE	2.3	SSW
16:00-17:00 HOUR	2.1	NE	1.7	SSW
17:00-18:00 HOUR	2.5	SSW	1.4	NNE
18:00-19:00 HOUR	2.4	S	1.7	NNE
19:00-20:00 HOUR	1.6	N	2.1	NNE
20:00-21:00 HOUR	1.6	N	2.1	WSW
21:00-22:00 HOUR	1.7	ESE	2.2	NW
22:00-23:00 HOUR	1.4	E	1.8	S
23:00-00:00 HOUR	1.1	SE	2.2	WNW
00:00-01:00 HOUR	0.9	SW	2.0	SSW
01:00-02:00 HOUR	0.8	S	1.5	SSW
02:00-03:00 HOUR	1.2	W	1.8	WNW
03:00-04:00 HOUR	1.1	WSW	1.4	ENE
04:00-05:00 HOUR	1.8	S	1.5	ENE
05:00-06:00 HOUR	1.5	SSW	1.7	NNE
06:00-07:00 HOUR	1.8	SSE	2.0	NE

(MR. SULA BANXONGJABRUK)
LABORATORY SUPERVISOR

APRIL 7, 2023

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Tel: 02-2763-2828 Fax: 02-2763-2800 www.laeconsultant.com E-mail: lae@laeconsultant.com

ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (QUARRY 35 PLOT-SCCC)
CUSTOMER NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED
ADDRESS : [REDACTED]

CONTACT INFORMATION

MEASURING PLACE : [REDACTED]
MEASURING TYPE : AMBIENT (AIR)
MEASURING DATE : MARCH 23-26, 2023
MEASURING TIME : MARCH 23-26, 2023
MEASURING METHOD : 2023-U024758
MEASURING EQUIPMENT : WIND SPEED & WIND DIRECTION EQUIPMENT
MEASURING NO. : 2021-001114
MEASURED BY : MR. UTHAI KAEHRANKHOK
ANALYSIS NO. : T23AF522-0012

TIME *	RESULT (m/s)			
	MARCH 23 - 24, 2023		MARCH 25 - 26, 2023	
	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION
07:00-08:00 HOUR	1.4	E	1.0	ESE
08:00-09:00 HOUR	1.3	ESE	1.1	ENE
09:00-10:00 HOUR	1.8	ESE	1.7	ESE
10:00-11:00 HOUR	2.2	ESE	1.8	ESE
11:00-12:00 HOUR	2.6	ESE	2.4	WSW
12:00-13:00 HOUR	2.7	SE	2.7	S
13:00-14:00 HOUR	2.6	SE	3.0	SW
14:00-15:00 HOUR	3.2	SE	3.4	W
15:00-16:00 HOUR	2.6	SE	2.9	WSW
16:00-17:00 HOUR	2.5	ESE	3.4	W
17:00-18:00 HOUR	2.3	SE	2.4	S
18:00-19:00 HOUR	1.6	SE	2.6	WSW
19:00-20:00 HOUR	1.8	SE	2.2	S
20:00-21:00 HOUR	2.0	S	1.8	SSW
21:00-22:00 HOUR	2.4	SSE	2.0	SSE
22:00-23:00 HOUR	2.5	SE	1.6	S
23:00-00:00 HOUR	2.7	ESE	2.3	SSW
00:00-01:00 HOUR	2.3	E	1.8	SSW
01:00-02:00 HOUR	2.8	ESE	1.9	S
02:00-03:00 HOUR	2.7	NNE	2.4	SSE
03:00-04:00 HOUR	1.6	NE	2.5	SSE
04:00-05:00 HOUR	1.4	NE	2.3	S
05:00-06:00 HOUR	1.0	ENE	2.0	SSE
06:00-07:00 HOUR	0.7	E	1.7	SSE

(MR. SULA BANXONGJABRUK)
LABORATORY SUPERVISOR

APRIL 7, 2023

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NSC-TIS-TIS 11225
TESTING UNIT

ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (QUARRY 35 PLOT-SCCC)
CUSTOMER NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED
ADDRESS : [REDACTED]
CONTACT INFORMATION : [REDACTED]
MEASURING SOURCE : AMBIENT (NOISE)
MEASURING TYPE : AMBIENT (NOISE)
MEASURING DATE : MARCH 23-26, 2023
MEASURING TIME : *
MEASURING METHOD : INTEGRATED SOUND LEVEL METER
MEASURED BY : MR UTHAI KAEYRAKMOOK
RECEIVED DATE : MARCH 23-26, 2023
ANALYTICAL DATE : MARCH 23-26, 2023
REPORT NO. : 2023-U024759
WORK NO. : 2021-001114
ANALYSIS NO. : T23AF522-0013 - T23AF522-0015

TIME*	RESULT (dB(A))	
	MARCH 23 - 24, 2023	MARCH 25-26, 2023
	T23AF522-0013	
07:00-08:00 HOUR	66.3	53.2
08:00-09:00 HOUR	67.4	53.2
09:00-10:00 HOUR	66.6	52.8
10:00-11:00 HOUR	67.8	52.4
11:00-12:00 HOUR	65.2	59.0
12:00-13:00 HOUR	64.5	58.6
13:00-14:00 HOUR	68.6	60.6
14:00-15:00 HOUR	68.4	60.5
15:00-16:00 HOUR	67.5	60.0
16:00-17:00 HOUR	65.3	57.1
17:00-18:00 HOUR	65.1	50.6
18:00-19:00 HOUR	65.5	51.2
19:00-20:00 HOUR	66.9	50.4
20:00-21:00 HOUR	66.4	50.7
21:00-22:00 HOUR	65.4	51.0
22:00-23:00 HOUR	66.1	52.2
23:00-00:00 HOUR	56.7	52.1
00:00-01:00 HOUR	54.0	52.3
01:00-02:00 HOUR	55.7	52.4
02:00-03:00 HOUR	61.4	52.7
03:00-04:00 HOUR	54.9	52.2
04:00-05:00 HOUR	53.4	52.0
05:00-06:00 HOUR	55.2	52.1
06:00-07:00 HOUR	56.3	52.1
Least 24 hours		65.2

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NSC-TIS-TIS 11225
TESTING UNIT

RESULT (dB(A))

TIME*	MARCH 24-25, 2023	
	T23AF522-0014	T23AF522-0015
07:00-08:00 HOUR	62.4	93.2
08:00-09:00 HOUR	68.3	91.8
09:00-10:00 HOUR	68.1	94.0
10:00-11:00 HOUR	68.5	91.4
11:00-12:00 HOUR	67.4	89.1
12:00-13:00 HOUR	66.9	89.9
13:00-14:00 HOUR	68.6	92.3
14:00-15:00 HOUR	67.4	93.6
15:00-16:00 HOUR	67.0	85.7
16:00-17:00 HOUR	65.5	90.1
17:00-18:00 HOUR	66.8	88.5
18:00-19:00 HOUR	65.2	83.9
19:00-20:00 HOUR	64.7	83.7
20:00-21:00 HOUR	64.0	84.9
21:00-22:00 HOUR	64.8	95.0
22:00-23:00 HOUR	64.3	85.2
23:00-00:00 HOUR	56.2	79.8
00:00-01:00 HOUR	52.5	60.1
01:00-02:00 HOUR	53.2	67.7
02:00-03:00 HOUR	53.0	60.5
03:00-04:00 HOUR	53.4	67.4
04:00-05:00 HOUR	53.8	75.0
05:00-06:00 HOUR	56.4	81.4
06:00-07:00 HOUR	56.8	80.1
Least 24 hours		65.0

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NO WORDS DETACHED
BY THE GROUP (THAILAND) CO., LTD.

2023-U024759

TIME*	RESULT dB(A)		
	สถานีการปฏิบัติงานก่อสร้าง MARCH 25 - 26, 2023 TZ3AF522-0015		
	L _{avg} 1 hour	L _{avg} 1 hour	L _{avg} 1 hour
07:00-08:00 HOUR	56.2	51.1	54.0
08:00-09:00 HOUR	55.7	54.9	52.6
09:00-10:00 HOUR	52.7	56.9	54.3
10:00-11:00 HOUR	58.2	56.7	54.1
11:00-12:00 HOUR	57.0	57.9	54.0
12:00-13:00 HOUR	58.5	58.2	57.7
13:00-14:00 HOUR	58.1	58.1	54.1
14:00-15:00 HOUR	57.8	59.0	54.6
15:00-16:00 HOUR	58.5	51.7	53.7
16:00-17:00 HOUR	57.3	59.7	52.8
17:00-18:00 HOUR	58.0	59.0	52.8
18:00-19:00 HOUR	58.4	52.1	53.3
19:00-20:00 HOUR	56.6	55.3	51.3
20:00-21:00 HOUR	54.0	54.7	51.1
21:00-22:00 HOUR	52.0	54.4	51.3
22:00-23:00 HOUR	54.2	50.7	50.8
23:00-00:00 HOUR	52.9	74.5	50.9
00:00-01:00 HOUR	53.2	71.1	51.9
01:00-02:00 HOUR	57.2	78.0	51.9
02:00-03:00 HOUR	53.2	75.7	51.5
03:00-04:00 HOUR	54.6	63.7	51.8
04:00-05:00 HOUR	52.9	67.8	51.6
05:00-06:00 HOUR	57.0	80.1	51.9
06:00-07:00 HOUR	56.6	75.7	52.4
L _{avg} 24 hours		65.3	

.....
(MR. SUK BANGKONGSANGKARN)
LABORATORY SUPERVISOR

APRIL 7, 2023

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2023-UD24759

ANALYSIS REPORT
PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (QUARRY 35 PLOT-50CC)
CUSTOMER NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED

ADDRESS :
CONTACT INFORMATION :
MEASURING SOURCE :
MEASURING TYPE : AMBIENT (NOISE)
MEASURING DATE : MARCH 23-26, 2023
MEASURING TIME : *
MEASURING METHOD : INTEGRATED SOUND LEVEL METER
MEASURED BY : MR. SANSTHON NUNIM

RECEIVED DATE : MARCH 23-26, 2023
ANALYTICAL DATE : MARCH 23-26, 2023
REPORT NO. : 2023-UD24748
WORK NO. : 2021-001114
ANALYSIS NO. : TZ3AF525-0001 - TZ3AF525-0003

TIME*	RESULT dB(A)		
	การวัดค่าการรบกวนเสียงรบกวน (ค่าเฉลี่ยรวม)		
	MARCH 23 - 24, 2023		
	TZ3AF525-0001		
	L _{avg} 1 hour	L _{avg} 1 hour	L _{avg} 1 hour
07:00-08:00 HOUR	49.3	71.2	43.3
08:00-09:00 HOUR	44.5	56.1	42.8
09:00-10:00 HOUR	47.8	64.5	43.3
10:00-11:00 HOUR	49.5	67.2	42.8
11:00-12:00 HOUR	54.5	73.7	44.3
12:00-13:00 HOUR	58.8	90.9	40.8
13:00-14:00 HOUR	43.8	63.8	39.4
14:00-15:00 HOUR	44.1	69.0	40.3
15:00-16:00 HOUR	49.9	71.4	39.8
16:00-17:00 HOUR	49.1	70.7	41.9
17:00-18:00 HOUR	44.2	64.6	40.8
18:00-19:00 HOUR	43.2	55.5	40.8
19:00-20:00 HOUR	45.9	52.1	43.4
20:00-21:00 HOUR	46.5	73.1	42.9
21:00-22:00 HOUR	44.5	55.2	42.9
22:00-23:00 HOUR	46.0	50.1	45.0
23:00-00:00 HOUR	44.8	49.3	43.6
00:00-01:00 HOUR	47.4	63.8	45.6
01:00-02:00 HOUR	46.5	53.8	45.7
02:00-03:00 HOUR	46.4	58.7	43.7
03:00-04:00 HOUR	46.2	61.9	44.2
04:00-05:00 HOUR	46.8	63.5	42.6
05:00-06:00 HOUR	46.9	60.8	42.0
06:00-07:00 HOUR	51.1	76.2	43.3
L _{avg} 24 hours		49.6	

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NSG-TSI-TIS 17028
TESTING UNIT

TIME*	RESULT (B/A)		
	มาตรฐานการปฏิบัติ (มาตรฐาน)		
	MARCH 24 - 25, 2023		
	T23AF25-0002		
	Layer 1 hour	Layer 2 hour	Layer 3 hour
07:00-08:00 HOUR	46.4	61.4	43.2
08:00-09:00 HOUR	53.0	77.3	43.5
09:00-10:00 HOUR	43.4	64.8	42.1
10:00-11:00 HOUR	44.8	57.7	42.4
11:00-12:00 HOUR	44.7	59.9	42.6
12:00-13:00 HOUR	50.5	78.1	39.3
13:00-14:00 HOUR	45.4	65.7	40.7
14:00-15:00 HOUR	45.1	68.1	40.3
15:00-16:00 HOUR	52.9	72.6	42.7
16:00-17:00 HOUR	47.5	69.9	41.6
17:00-18:00 HOUR	47.6	71.7	42.1
18:00-19:00 HOUR	45.6	61.3	42.2
19:00-20:00 HOUR	44.2	50.9	42.1
20:00-21:00 HOUR	44.0	61.6	41.3
21:00-22:00 HOUR	43.5	57.8	42.1
22:00-23:00 HOUR	45.9	51.1	45.0
23:00-00:00 HOUR	43.9	48.7	42.6
00:00-01:00 HOUR	47.4	58.4	45.0
01:00-02:00 HOUR	45.6	53.1	44.2
02:00-03:00 HOUR	45.7	59.5	43.8
03:00-04:00 HOUR	46.3	60.5	44.0
04:00-05:00 HOUR	46.4	62.4	42.5
05:00-06:00 HOUR	49.7	67.0	41.0
06:00-07:00 HOUR	49.2	70.5	42.1
Layer 24 hours			47.6

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NSG-TSI-TIS 17028
TESTING UNIT

TIME*	RESULT (B/A)		
	มาตรฐานการปฏิบัติ (มาตรฐาน)		
	MARCH 25 - 26, 2023		
	T23AF25-0003		
	Layer 1 hour	Layer 2 hour	Layer 3 hour
07:00-08:00 HOUR	48.7	65.9	42.3
08:00-09:00 HOUR	44.0	54.9	42.7
09:00-10:00 HOUR	44.0	51.8	42.9
10:00-11:00 HOUR	45.2	60.3	42.8
11:00-12:00 HOUR	48.0	73.1	43.0
12:00-13:00 HOUR	44.2	67.4	40.0
13:00-14:00 HOUR	46.3	66.9	41.3
14:00-15:00 HOUR	46.8	67.9	40.9
15:00-16:00 HOUR	55.1	73.2	44.9
16:00-17:00 HOUR	45.5	68.7	40.8
17:00-18:00 HOUR	50.9	78.7	43.2
18:00-19:00 HOUR	44.7	63.9	40.3
19:00-20:00 HOUR	43.8	51.2	42.0
20:00-21:00 HOUR	44.1	52.9	42.4
21:00-22:00 HOUR	45.0	62.9	43.7
22:00-23:00 HOUR	46.4	52.5	45.5
23:00-00:00 HOUR	43.4	48.5	42.0
00:00-01:00 HOUR	45.1	50.7	42.1
01:00-02:00 HOUR	44.8	52.6	42.9
02:00-03:00 HOUR	44.4	59.6	43.1
03:00-04:00 HOUR	47.3	60.1	44.8
04:00-05:00 HOUR	45.7	61.0	41.9
05:00-06:00 HOUR	56.0	76.8	43.4
06:00-07:00 HOUR	49.0	66.3	42.5
Layer 24 hours			48.4

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RSC-TIS-118 17023
TESTING 0207

ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (QUARRY 35 PLOT-SC0C)

CUSTOMER NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED

ADDRESS

CONTACT INFORMATION

MEASURING SOURCE

MEASURING TYPE

MEASURING TIME

MEASURING METHOD

MEASURED BY

RECEIVED DATE : MARCH 23-26, 2023
ANALYTICAL DATE : MARCH 23-26, 2023
REPORT NO. : 2023-U024749
WORK NO. : 2021-001114
ANALYSIS NO. : T23AF525-0004 - T23AF525-0006
MEASURING SOURCE : AMBIENT (NOISE)
MEASURING TYPE : *
MEASURING TIME : *
MEASURING METHOD : INTEGRATED SOUND LEVEL METER
MEASURED BY : MR SAKSITHON NUNNIN

TIME*	RESULT dB(A)	
	LAeq 1 hour	LAeq 24 hours
07:00-08:00 HOUR	53.7	45.8
08:00-09:00 HOUR	54.4	45.9
09:00-10:00 HOUR	53.7	46.1
10:00-11:00 HOUR	50.8	44.0
11:00-12:00 HOUR	53.4	44.4
12:00-13:00 HOUR	52.1	46.1
13:00-14:00 HOUR	50.5	45.6
14:00-15:00 HOUR	50.9	45.6
15:00-16:00 HOUR	53.7	46.0
16:00-17:00 HOUR	64.0	46.4
17:00-18:00 HOUR	65.5	62.1
18:00-19:00 HOUR	67.8	58.2
19:00-20:00 HOUR	65.6	54.1
20:00-21:00 HOUR	61.8	48.3
21:00-22:00 HOUR	49.8	46.1
22:00-23:00 HOUR	52.8	45.1
23:00-00:00 HOUR	45.4	43.2
00:00-01:00 HOUR	43.6	42.2
01:00-02:00 HOUR	44.3	42.7
02:00-03:00 HOUR	44.8	43.1
03:00-04:00 HOUR	51.6	43.0
04:00-05:00 HOUR	44.6	42.1
05:00-06:00 HOUR	53.4	41.9
06:00-07:00 HOUR	55.3	44.0
LAeq 24 hours		50.4

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RSC-TIS-118 17023
TESTING 0207

RESULT dB(A)

RECEIVED DATE : MARCH 23-26, 2023

ANALYTICAL DATE : MARCH 23-26, 2023

REPORT NO. : 2023-U024749

WORK NO. : 2021-001114

ANALYSIS NO. : T23AF525-0004 - T23AF525-0006

MEASURING SOURCE : AMBIENT (NOISE)
MEASURING TYPE : *
MEASURING TIME : *
MEASURING METHOD : INTEGRATED SOUND LEVEL METER
MEASURED BY : MR SAKSITHON NUNNIN

TIME*	RESULT dB(A)	
	LAeq 1 hour	LAeq 24 hours
07:00-08:00 HOUR	53.2	45.5
08:00-09:00 HOUR	54.5	45.7
09:00-10:00 HOUR	52.5	43.3
10:00-11:00 HOUR	56.0	45.2
11:00-12:00 HOUR	50.9	44.8
12:00-13:00 HOUR	50.6	45.8
13:00-14:00 HOUR	50.6	44.4
14:00-15:00 HOUR	54.9	45.7
15:00-16:00 HOUR	68.5	61.7
16:00-17:00 HOUR	66.9	59.5
17:00-18:00 HOUR	65.8	59.7
18:00-19:00 HOUR	61.8	57.3
19:00-20:00 HOUR	69.6	58.1
20:00-21:00 HOUR	62.0	48.8
21:00-22:00 HOUR	49.7	45.4
22:00-23:00 HOUR	49.6	43.9
23:00-00:00 HOUR	47.1	42.7
00:00-01:00 HOUR	49.7	42.3
01:00-02:00 HOUR	42.7	41.1
02:00-03:00 HOUR	42.9	41.2
03:00-04:00 HOUR	42.2	40.6
04:00-05:00 HOUR	46.0	42.1
05:00-06:00 HOUR	49.0	42.4
06:00-07:00 HOUR	53.9	44.5
LAeq 24 hours		61.0

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2023-U024749



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MSG-TSI-TIS 17023
TESTING 0207

RESULT DB(A)			
L100dB(A) (vii 6)			
MARCH 25 - 26, 2023			
TZ3AF525-0006			
TIME*	L100dB(A)	L100dB(A)	L100dB(A)
07:00-08:00 HOUR	54.8	77.7	46.3
08:00-09:00 HOUR	59.5	82.8	60.0
09:00-10:00 HOUR	66.1	78.7	63.4
10:00-11:00 HOUR	64.4	77.4	59.7
11:00-12:00 HOUR	58.9	74.4	47.2
12:00-13:00 HOUR	58.0	73.9	49.3
13:00-14:00 HOUR	55.8	75.6	47.7
14:00-15:00 HOUR	58.6	80.2	52.5
15:00-16:00 HOUR	54.4	74.3	47.9
16:00-17:00 HOUR	58.3	77.1	50.9
17:00-18:00 HOUR	62.9	80.0	50.0
18:00-19:00 HOUR	63.7	82.1	62.9
19:00-20:00 HOUR	69.7	75.8	62.9
20:00-21:00 HOUR	66.8	83.3	47.0
21:00-22:00 HOUR	50.1	69.4	45.9
22:00-23:00 HOUR	48.1	60.0	44.8
23:00-00:00 HOUR	47.8	60.6	44.9
00:00-01:00 HOUR	55.2	81.4	42.9
01:00-02:00 HOUR	44.6	57.1	43.2
02:00-03:00 HOUR	44.1	60.3	42.9
03:00-04:00 HOUR	45.8	60.0	43.7
04:00-05:00 HOUR	46.0	66.9	42.9
05:00-06:00 HOUR	47.8	69.0	43.3
06:00-07:00 HOUR	55.5	88.9	45.4
L100dB(A) 24 hours			
			63.6

PROJECT NAME			
: SIAM CITY CEMENT PUBLIC COMPANY LIMITED (QUARRY 35 PLOT-SCCC)			
CUSTOMER NAME			
: SIAM CITY CEMENT PUBLIC COMPANY LIMITED			
ADDRESS			
: [REDACTED]			
CONTACT INFORMATION			
: [REDACTED]			
MEASURING SOURCE			
: AMBIENT (NOISE)			
MEASURING DATE			
: MARCH 23-26, 2023			
MEASURING TIME			
: *			
MEASURING METHOD			
: INTEGRATED SOUND LEVEL METER			
MEASURED BY			
: MR. SAKSITHON NUMINIM			
RECEIVED DATE			
: MARCH 23-26, 2023			
ANALYTICAL DATE			
: MARCH 23-26, 2023			
REPORT NO.			
: 2023-0024750			
WORK NO.			
: 2021-001114			
ANALYSIS NO.			
: TZ3AF525-0007 - TZ3AF525-0009			
RESULT DB(A)			
L100dB(A) (vii 4)			
MARCH 23 - 24, 2023			
TZ3AF525-0007			
TIME*	L100dB(A)	L100dB(A)	L100dB(A)
07:00-08:00 HOUR	64.1	84.8	56.0
08:00-09:00 HOUR	64.4	86.3	56.8
09:00-10:00 HOUR	63.0	86.5	56.3
10:00-11:00 HOUR	57.5	79.6	53.3
11:00-12:00 HOUR	56.0	71.5	53.3
12:00-13:00 HOUR	58.1	78.7	53.0
13:00-14:00 HOUR	56.0	77.8	51.5
14:00-15:00 HOUR	61.5	86.8	51.2
15:00-16:00 HOUR	56.1	72.5	52.5
16:00-17:00 HOUR	57.9	75.4	53.1
17:00-18:00 HOUR	57.6	76.1	55.2
18:00-19:00 HOUR	57.0	70.8	55.2
19:00-20:00 HOUR	56.1	77.1	54.2
20:00-21:00 HOUR	56.5	75.4	55.5
21:00-22:00 HOUR	64.0	88.7	52.8
22:00-23:00 HOUR	55.4	68.3	52.3
23:00-00:00 HOUR	54.3	66.2	51.9
00:00-01:00 HOUR	54.3	65.5	51.7
01:00-02:00 HOUR	61.3	84.2	53.5
02:00-03:00 HOUR	56.6	75.4	53.9
03:00-04:00 HOUR	55.6	65.2	54.7
04:00-05:00 HOUR	59.6	83.3	53.9
05:00-06:00 HOUR	59.3	80.8	55.7
06:00-07:00 HOUR	64.9	96.0	60.0
L100dB(A) 24 hours			
			60.0



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MSG-TSI-TIS 17023
TESTING 0207

ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (QUARRY 35 PLOT-SCCC)

CUSTOMER NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED

ADDRESS : [REDACTED]

CONTACT INFORMATION

MEASURING SOURCE : AMBIENT (NOISE)

MEASURING DATE : MARCH 23-26, 2023

MEASURING TIME : *

MEASURING METHOD : INTEGRATED SOUND LEVEL METER

MEASURED BY : MR. SAKSITHON NUMINIM

RECEIVED DATE : MARCH 23-26, 2023

ANALYTICAL DATE : MARCH 23-26, 2023

REPORT NO. : 2023-0024750

WORK NO. : 2021-001114

ANALYSIS NO. : TZ3AF525-0007 - TZ3AF525-0009

RESULT DB(A)

L100dB(A) (vii 4)

MARCH 23 - 24, 2023

TZ3AF525-0007

TIME*

L100dB(A)

L100dB(A)

L100dB(A)

L100dB(A)

L100dB(A)

L100dB(A)

L100dB(A)

L100dB(A)

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L100dB(A)

L100dB(A)

TIME*	RESULT dB(A) ผลลัพธ์ (dB(A)) MARCH 24 - 25, 2023 T23AF525-0008		
	Lapung 1 hour		Lapung 1 hour
	Lapung 1 hour	Lapung 1 hour	Lapung 1 hour
07:00-08:00 HOUR	62.2	90.1	57.5
08:00-09:00 HOUR	59.4	76.1	55.6
09:00-10:00 HOUR	56.6	73.8	52.8
10:00-11:00 HOUR	58.3	75.1	54.6
11:00-12:00 HOUR	58.8	81.7	54.4
12:00-13:00 HOUR	56.4	77.1	53.4
13:00-14:00 HOUR	56.6	89.6	48.7
14:00-15:00 HOUR	56.6	75.7	50.5
15:00-16:00 HOUR	54.5	72.4	50.0
16:00-17:00 HOUR	56.7	80.0	51.9
17:00-18:00 HOUR	55.9	78.1	53.3
18:00-19:00 HOUR	55.4	69.1	53.1
19:00-20:00 HOUR	56.8	71.5	54.8
20:00-21:00 HOUR	53.9	88.4	53.4
21:00-22:00 HOUR	56.4	77.2	51.4
22:00-23:00 HOUR	62.1	87.2	53.6
23:00-00:00 HOUR	58.1	78.0	52.4
00:00-01:00 HOUR	53.6	65.1	52.0
01:00-02:00 HOUR	53.2	60.2	51.8
02:00-03:00 HOUR	55.8	76.4	52.0
03:00-04:00 HOUR	55.8	71.1	52.7
04:00-05:00 HOUR	53.6	58.7	50.2
05:00-06:00 HOUR	60.2	87.7	51.6
06:00-07:00 HOUR	57.7	77.7	53.6
Lapung 24 hours			58.2

TIME*	RESULT dB(A) ผลลัพธ์ (dB(A)) MARCH 25 - 26, 2023 T23AF525-0009		
	Lapung 1 hour		Lapung 1 hour
	Lapung 1 hour	Lapung 1 hour	Lapung 1 hour
07:00-08:00 HOUR	57.3	75.5	54.5
08:00-09:00 HOUR	59.5	77.4	56.9
09:00-10:00 HOUR	60.8	88.1	56.1
10:00-11:00 HOUR	56.3	65.3	54.6
11:00-12:00 HOUR	55.5	64.7	53.3
12:00-13:00 HOUR	55.1	74.5	52.2
13:00-14:00 HOUR	58.2	78.0	52.7
14:00-15:00 HOUR	53.6	63.4	51.8
15:00-16:00 HOUR	57.4	80.5	48.9
16:00-17:00 HOUR	63.3	96.0	52.9
17:00-18:00 HOUR	57.5	71.6	55.0
18:00-19:00 HOUR	56.7	69.5	55.2
19:00-20:00 HOUR	57.3	77.6	54.0
20:00-21:00 HOUR	56.8	74.9	54.7
21:00-22:00 HOUR	57.7	78.5	54.7
22:00-23:00 HOUR	58.9	65.3	55.3
23:00-00:00 HOUR	60.5	91.0	52.1
00:00-01:00 HOUR	55.7	70.6	52.6
01:00-02:00 HOUR	52.9	62.0	51.1
02:00-03:00 HOUR	56.6	76.6	52.2
03:00-04:00 HOUR	56.8	76.1	52.0
04:00-05:00 HOUR	54.3	67.0	52.4
05:00-06:00 HOUR	56.4	77.5	53.2
06:00-07:00 HOUR	57.0	72.5	53.9
Lapung 24 hours			57.7

(MR. SILA BANONGJAIKUL)

LABORATORY SUPERVISOR

APRIL 7, 2023



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ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (QUARRY 35 PLOT-SCCC)

CUSTOMER NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED

ADDRESS : [REDACTED]

CONTACT INFORMATION

MEASURING SOURCE : AMBIENT (NOISE)

MEASURING TYPE : AMBIENT (NOISE)

MEASURING DATE : MARCH 23-26, 2023

MEASURING TIME : *

MEASURING METHOD : INTEGRATED SOUND LEVEL METER

MEASURED BY : MR. SAKSITHON NUMMITH

RECEIVED DATE : MARCH 23-26, 2023

ANALYTICAL DATE : MARCH 23-26, 2023

REPORT NO. : 2023-U024751

WORK NO. : 2021-001114

ANALYSIS NO. : T23AF25-0010 - T23AF25-0012

TIME*	RESULT dB(A)		
	Leq 1 hour	Leq 2 hour	Leq 3 hour
07:00-08:00 HOUR	49.7	72.9	45.0
08:00-09:00 HOUR	48.7	68.5	46.2
09:00-10:00 HOUR	49.5	68.5	45.5
10:00-11:00 HOUR	52.9	64.5	45.9
11:00-12:00 HOUR	52.5	70.8	47.7
12:00-13:00 HOUR	55.8	71.2	50.2
13:00-14:00 HOUR	54.9	71.8	49.6
14:00-15:00 HOUR	54.9	73.7	48.6
15:00-16:00 HOUR	54.8	75.8	46.2
16:00-17:00 HOUR	47.1	65.6	44.3
17:00-18:00 HOUR	47.3	63.2	45.2
18:00-19:00 HOUR	50.1	64.3	45.9
19:00-20:00 HOUR	57.9	61.6	57.9
20:00-21:00 HOUR	55.4	67.2	52.0
21:00-22:00 HOUR	50.1	64.6	48.1
22:00-23:00 HOUR	52.6	58.8	50.6
23:00-00:00 HOUR	52.2	60.2	49.6
00:00-01:00 HOUR	52.3	57.7	46.8
01:00-02:00 HOUR	52.2	63.8	49.7
02:00-03:00 HOUR	51.9	60.4	48.8
03:00-04:00 HOUR	49.0	61.5	43.9
04:00-05:00 HOUR	48.3	60.4	44.3
05:00-06:00 HOUR	49.7	65.9	45.3
06:00-07:00 HOUR	49.7	62.9	46.2
Leq 24 hours		52.6	

RESULT dB(A)

ผลการวัดเสียง (ทศ. 9)

MARCH 24 - 25, 2023

T23AF25-0011

TIME*	Leq 1 hour	Leq 2 hour	Leq 3 hour
07:00-08:00 HOUR	48.5	62.4	45.3
08:00-09:00 HOUR	47.7	64.4	44.7
09:00-10:00 HOUR	47.2	68.6	44.0
10:00-11:00 HOUR	46.3	61.8	43.2
11:00-12:00 HOUR	47.0	65.4	43.3
12:00-13:00 HOUR	45.0	63.8	42.9
13:00-14:00 HOUR	47.5	81.1	43.4
14:00-15:00 HOUR	47.0	65.0	43.2
15:00-16:00 HOUR	48.2	73.6	44.7
16:00-17:00 HOUR	45.9	67.3	44.1
17:00-18:00 HOUR	48.7	69.1	44.3
18:00-19:00 HOUR	49.1	71.6	44.4
19:00-20:00 HOUR	50.7	62.5	48.3
20:00-21:00 HOUR	53.2	68.7	50.0
21:00-22:00 HOUR	50.5	59.1	46.7
22:00-23:00 HOUR	49.3	63.8	48.0
23:00-00:00 HOUR	47.1	57.9	45.6
00:00-01:00 HOUR	46.8	72.9	44.6
01:00-02:00 HOUR	45.4	57.4	44.4
02:00-03:00 HOUR	45.2	61.4	44.3
03:00-04:00 HOUR	45.3	56.6	44.2
04:00-05:00 HOUR	46.2	57.3	43.8
05:00-06:00 HOUR	47.5	57.7	44.1
06:00-07:00 HOUR	48.6	70.5	44.8
Leq 24 hours		48.2	

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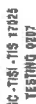
เรียนมหาวิทยาลัยเกษตร (ทง 9)
MARCH 25 - 26, 2023

UNIVERSITY OF CALIFORNIA

APRIL 7, 2023

THE UNIVERSITY OF CHICAGO PRESS

2023-U024751



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SIAM CITY CEMENT PUBLIC COMPANY LIMITED (QUARRY 35 PLOT-SCCC)

MEASURING SOURCE : โรงไฟฟ้าถ่านหินบ่อน (มย 5)[illegible]

Learn 30 days

CHARTERED ACCOUNTANTS

1/3



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MSO-TSI-TIS 12023
TESTING 0207

TIME*	RESULT dB(A)			
	ผลการวัดเสียง (มิลิ 5) MARCH 24 - 25, 2023 T23AF522-0017			
	Layer 1 hour	Layer 2 hour	Layer 3 hour	Layer 4 hour
07:00-08:00 HOUR	63.9	68.1		60.5
08:00-09:00 HOUR	63.8	75.7		60.1
09:00-10:00 HOUR	65.6	89.3		61.0
10:00-11:00 HOUR	63.6	75.2		60.3
11:00-12:00 HOUR	63.3	77.7		60.5
12:00-13:00 HOUR	63.8	77.9		60.6
13:00-14:00 HOUR	63.4	75.3		59.8
14:00-15:00 HOUR	64.0	81.6		61.0
15:00-16:00 HOUR	64.0	75.2		61.1
16:00-17:00 HOUR	64.1	83.0		61.1
17:00-18:00 HOUR	64.1	80.6		60.9
18:00-19:00 HOUR	63.9	81.5		60.2
19:00-20:00 HOUR	63.6	74.7		60.2
20:00-21:00 HOUR	63.4	72.1		59.7
21:00-22:00 HOUR	63.5	75.9		60.0
22:00-23:00 HOUR	63.5	77.3		59.7
23:00-00:00 HOUR	63.4	76.1		59.4
00:00-01:00 HOUR	61.8	72.0		56.4
01:00-02:00 HOUR	61.5	77.3		55.6
02:00-03:00 HOUR	60.8	73.7		54.8
03:00-04:00 HOUR	61.8	75.4		56.1
04:00-05:00 HOUR	62.0	73.9		57.0
05:00-06:00 HOUR	63.6	76.7		59.5
06:00-07:00 HOUR	64.5	75.9		61.0
Layer 24 hours		63.6		

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2023-J024760



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MSO-TSI-TIS 17023
TESTING 0207

TIME*	RESULT dB(A)			
	ผลการวัดเสียง (มิลิ 5) MARCH 25 - 26, 2023 T23AF522-0018			
	Layer 1 hour	Layer 2 hour	Layer 3 hour	Layer 4 hour
07:00-08:00 HOUR	64.4	84.1		60.7
08:00-09:00 HOUR	64.6	77.0		61.2
09:00-10:00 HOUR	64.2	76.4		61.1
10:00-11:00 HOUR	64.0	75.4		61.1
11:00-12:00 HOUR	63.5	84.6		60.4
12:00-13:00 HOUR	63.6	74.8		60.7
13:00-14:00 HOUR	63.9	78.9		60.9
14:00-15:00 HOUR	63.8	77.9		60.7
15:00-16:00 HOUR	64.1	75.9		61.0
16:00-17:00 HOUR	64.1	81.1		60.9
17:00-18:00 HOUR	64.4	82.0		60.7
18:00-19:00 HOUR	63.3	73.1		60.2
19:00-20:00 HOUR	63.3	74.9		59.9
20:00-21:00 HOUR	63.9	82.7		59.8
21:00-22:00 HOUR	63.6	78.8		59.6
22:00-23:00 HOUR	63.0	81.1		58.6
23:00-00:00 HOUR	62.1	77.2		56.6
00:00-01:00 HOUR	61.4	75.9		55.2
01:00-02:00 HOUR	61.0	76.9		55.1
02:00-03:00 HOUR	60.6	74.3		54.1
03:00-04:00 HOUR	61.2	73.8		55.5
04:00-05:00 HOUR	62.5	84.7		56.6
05:00-06:00 HOUR	63.1	79.8		58.3
06:00-07:00 HOUR	63.7	75.2		59.3
Layer 24 hours		63.4		

(MR. SILA BANONGJAIKUK)
LABORATORY SUPERVISOR

APRIL 7, 2023

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2023-J024760



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MSC-TISI-765 17023
TESTING 007

ANALYSIS REPORT

PROJECT NAME : SAM CITY CEMENT PUBLIC COMPANY LIMITED (QUARRY 35 PLOT-5CCC)

CUSTOMER NAME : [REDACTED]

CONTACT INFORMATION : [REDACTED]

MEASURING SOURCE : [REDACTED]

MEASURING TYPE : AMBIENT (NOISE)

MEASURING TIME : MARCH 23-26, 2023

MEASURING METHOD : INTEGRATED SOUND LEVEL METER

MEASURED BY : MR.UTTHAI KAEWRAKNOOK

RECEIVED DATE : MARCH 23-26, 2023

ANALYTICAL DATE : MARCH 23-26, 2023

REPORT NO. : 2023-029762

WORK NO. : 2021-001114

ANALYSIS NO. : T23AF522-0019 - T23AF522-0021

TIME*	RESULT dB(A)		
	มกราคม (ม.ย. 9)		
TIME*	MARCH 23 - 24, 2023		
	T23AF522-0019		
TIME*	L _{avg} 1 hour		
	L _{avg} 3 hour		
07:00-08:00 HOUR	56.5	70.2	54.0
08:00-09:00 HOUR	57.1	70.7	55.4
09:00-10:00 HOUR	57.4	72.6	54.6
10:00-11:00 HOUR	60.4	74.3	53.6
11:00-12:00 HOUR	55.0	69.6	52.6
12:00-13:00 HOUR	60.7	89.0	52.5
13:00-14:00 HOUR	60.7	95.8	52.6
14:00-15:00 HOUR	58.8	78.3	52.7
15:00-16:00 HOUR	58.6	76.7	53.0
16:00-17:00 HOUR	59.0	74.1	54.4
17:00-18:00 HOUR	58.9	72.1	53.6
18:00-19:00 HOUR	64.5	76.9	54.4
19:00-20:00 HOUR	54.3	76.1	52.5
20:00-21:00 HOUR	54.2	72.4	52.4
21:00-22:00 HOUR	54.6	72.7	53.3
22:00-23:00 HOUR	54.1	65.9	52.7
23:00-00:00 HOUR	54.8	71.5	53.2
00:00-01:00 HOUR	54.0	66.8	52.4
01:00-02:00 HOUR	53.1	64.7	51.6
02:00-03:00 HOUR	53.9	71.8	51.8
03:00-04:00 HOUR	52.8	72.7	50.2
04:00-05:00 HOUR	55.7	72.7	50.8
05:00-06:00 HOUR	59.2	73.5	52.3
06:00-07:00 HOUR	61.0	73.3	54.8
L _{avg} 24 hours			57.9



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MSC-TISI-765 17023
TESTING 007

TIME*	RESULT dB(A)		
	มกราคม (ม.ย. 9)		
TIME*	MARCH 24 - 25, 2023		
	T23AF522-0020		
TIME*	L _{avg} 1 hour		
	L _{avg} 3 hour		
07:00-08:00 HOUR	60.4	78.5	56.9
08:00-09:00 HOUR	56.0	73.6	53.3
09:00-10:00 HOUR	56.2	82.1	52.4
10:00-11:00 HOUR	58.7	74.1	51.7
11:00-12:00 HOUR	58.7	71.8	51.7
12:00-13:00 HOUR	60.1	81.5	51.7
13:00-14:00 HOUR	60.7	79.7	51.3
14:00-15:00 HOUR	58.5	74.3	52.0
15:00-16:00 HOUR	57.5	81.4	52.5
16:00-17:00 HOUR	57.2	76.3	53.9
17:00-18:00 HOUR	58.3	74.6	53.6
18:00-19:00 HOUR	65.5	80.0	56.2
19:00-20:00 HOUR	55.2	75.8	52.8
20:00-21:00 HOUR	54.0	69.9	52.3
21:00-22:00 HOUR	54.3	75.5	52.5
22:00-23:00 HOUR	55.5	70.8	53.9
23:00-00:00 HOUR	55.3	70.3	53.5
00:00-01:00 HOUR	53.7	75.7	52.1
01:00-02:00 HOUR	53.9	73.8	52.4
02:00-03:00 HOUR	54.3	73.2	52.0
03:00-04:00 HOUR	54.0	71.8	52.2
04:00-05:00 HOUR	58.3	76.0	52.1
05:00-06:00 HOUR	61.8	77.2	53.2
06:00-07:00 HOUR	63.4	84.3	54.9
L _{avg} 24 hours			58.9



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TIME*	RESULT dB(A)		
	มกราคม 25 - 25, 2023		
TIME*	T23AF522-0023		
	L _{eq} 1 hour	L _{max} 1 hour	L _{avg} 1 hour
07:00-08:00 HOUR	60.5	85.6	39.9
08:00-09:00 HOUR	63.9	88.3	41.6
09:00-10:00 HOUR	60.0	80.5	40.0
10:00-11:00 HOUR	57.6	79.8	46.8
11:00-12:00 HOUR	65.1	86.1	41.1
12:00-13:00 HOUR	65.8	91.8	38.5
13:00-14:00 HOUR	61.4	87.1	42.2
14:00-15:00 HOUR	64.5	85.0	49.1
15:00-16:00 HOUR	67.6	86.6	50.4
16:00-17:00 HOUR	48.2	67.2	40.7
17:00-18:00 HOUR	47.0	65.6	36.8
18:00-19:00 HOUR	59.7	85.6	43.0
19:00-20:00 HOUR	45.3	63.2	41.0
20:00-21:00 HOUR	47.2	65.5	39.9
21:00-22:00 HOUR	43.4	62.0	40.9
22:00-23:00 HOUR	41.4	56.6	39.2
23:00-00:00 HOUR	50.2	68.8	41.9
00:00-01:00 HOUR	40.7	48.0	39.1
01:00-02:00 HOUR	44.8	64.1	42.0
02:00-03:00 HOUR	45.7	75.9	40.7
03:00-04:00 HOUR	40.7	55.5	39.0
04:00-05:00 HOUR	45.9	67.6	36.4
05:00-06:00 HOUR	46.4	74.3	36.4
06:00-07:00 HOUR	48.9	69.2	39.4
L _{eq} 24 hours		59.9	



TIME*	RESULT dB(A)		
	มกราคม 25 - 25, 2023		
TIME*	T23AF522-0024		
	L _{eq} 1 hour	L _{max} 1 hour	L _{avg} 1 hour
07:00-08:00 HOUR	64.4	98.0	39.7
08:00-09:00 HOUR	59.3	80.5	51.0
09:00-10:00 HOUR	63.2	87.7	49.3
10:00-11:00 HOUR	61.6	80.1	46.5
11:00-12:00 HOUR	56.4	77.8	45.2
12:00-13:00 HOUR	63.8	90.2	39.7
13:00-14:00 HOUR	65.1	90.5	46.7
14:00-15:00 HOUR	67.3	94.7	44.4
15:00-16:00 HOUR	67.3	89.6	48.0
16:00-17:00 HOUR	68.8	95.7	40.5
17:00-18:00 HOUR	53.2	73.6	40.9
18:00-19:00 HOUR	58.4	77.9	43.3
19:00-20:00 HOUR	45.3	61.9	41.4
20:00-21:00 HOUR	54.2	86.4	42.5
21:00-22:00 HOUR	45.9	64.0	42.4
22:00-23:00 HOUR	46.2	68.4	39.9
23:00-00:00 HOUR	47.2	67.8	40.1
00:00-01:00 HOUR	48.9	81.3	39.7
01:00-02:00 HOUR	45.9	67.6	38.4
02:00-03:00 HOUR	58.8	84.7	38.9
03:00-04:00 HOUR	50.2	69.9	42.3
04:00-05:00 HOUR	41.2	47.6	39.7
05:00-06:00 HOUR	41.6	62.5	38.5
06:00-07:00 HOUR	67.3	95.4	40.7
L _{eq} 24 hours		62.2	

ความสิ้นสะท้อน

ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (QUARRY 35 PLOT-SCCC)
CUSTOMER NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED
ADDRESS : [REDACTED]
CONTACT INFORMATION : [REDACTED]
MEASURING PLACE : สำนักงานเหมืองของโครงการ
MEASURING TYPE : AMBIENT (VIBRATION) **RECEIVED DATE** : MARCH 23-26, 2023
MEASURING DATE : MARCH 23-26, 2023 **ANALYTICAL DATE** : MARCH 23-26, 2023
MEASURING TIME : * **REPORT NO.** : 2023-U024764
MEASURING EQUIPMENT : VIBRATION METER ^{1/} **WORK NO.** : 2021-001114
MEASURED BY : MR UTHAI KAEWRAKMOOK **ANALYSIS NO.** : T23AF522-0025-T23AF522-0027

RESULT									
สำนักงานเหมืองของโครงการ									
TIME	TRANSVERSE						VERTICAL		
	X-AXIS			Y-AXIS			Z-AXIS		
	VELOCITY (mm/s)	FREQUENCY (Hz)	DISPLACEMENT (mm)	VELOCITY (mm/s)	FREQUENCY (Hz)	DISPLACEMENT (mm)	VELOCITY (mm/s)	FREQUENCY (Hz)	DISPLACEMENT (mm)
MARCH 23, 2023 T23AF522-0025									
16:49:41 HOUR	0.110	36.6	0.001	0.954	1.1	0.082	0.102	13.1	0.002
MARCH 24, 2023 T23AF522-0025- T23AF522-0026									
15:42:27 HOUR	0.307	16.5	0.012	0.355	5.6	0.053	0.512	4.2	0.069
MARCH 25, 2023 T23AF522-0026- T23AF522-0027									
06:37:57 HOUR	0.355	21.3	0.031	0.339	11.6	0.050	0.410	12.5	0.078
16:15:04 HOUR	0.339	21.3	0.006	1.170	15.1	0.013	0.583	14.6	0.003
17:01:55 HOUR	0.386	21.3	0.004	1.120	19.0	0.009	0.599	23.3	0.003
18:44:04 HOUR	0.835	18.3	0.006	1.360	15.5	0.016	1.020	28.4	0.006
MARCH 26, 2023 T23AF522-0027									
06:23:03 HOUR	0.560	23.3	0.005	1.030	17.7	0.009	0.765	34.1	0.004

REMARK: * MEASURING FROM 07:00 HOUR ON MARCH 23, 2023 TO 07:00 HOUR ON MARCH 26, 2023
^{1/} TRIGGER SOURCE 0.300 mm/s

(MR SILA BANJONGJAIKUK)

LABORATORY SUPERVISOR

APRIL 7, 2023

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ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (QUARRY 35 PLOT-SCCC)
CUSTOMER NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED
ADDRESS : [REDACTED]
CONTACT INFORMATION : [REDACTED]
MEASURING PLACE : คอกเลี้ยงสัตว์ ศูนย์วิจัยบำรุงพันธุ์สัตว์ห้วยขวาง
MEASURING TYPE : AMBIENT (VIBRATION) **RECEIVED DATE** : MARCH 23-26, 2023
MEASURING DATE : MARCH 23-26, 2023 **ANALYTICAL DATE** : MARCH 23-26, 2023
MEASURING TIME : * **REPORT NO.** : 2023-U024753
MEASURING EQUIPMENT : VIBRATION METER ^{1/} **WORK NO.** : 2021-001114
MEASURED BY : MR SAKSITHON NUMNIM **ANALYSIS NO.** : T23AF525-0013-T23AF525-0015

TIME	RESULT								
	คอกเลี้ยงสัตว์ ศูนย์วิจัยบำรุงพันธุ์สัตว์ห้วยขวาง								
	TRANSVERSE						VERTICAL		
	X-AXIS			Y-AXIS			Z-AXIS		
	VELOCITY (mm/s)	FREQUENCY (Hz)	DISPLACEMENT (mm)	VELOCITY (mm/s)	FREQUENCY (Hz)	DISPLACEMENT (mm)	VELOCITY (mm/s)	FREQUENCY (Hz)	DISPLACEMENT (mm)
MARCH 23, 2023 T23AF525-0013									
14:06:12 HOUR	0.079	5.8	0.002	0.118	13.1	0.001	0.544	6.8	0.010
17:46:01 HOUR	0.292	6.0	0.030	0.465	6.0	0.055	0.473	5.1	0.076
MARCH 24, 2023 T23AF525-0013- T23AF525-0014									
15:33:20 HOUR	0.520	7.0	0.034	0.654	9.7	0.082	0.631	4.8	0.106
15:52:41 HOUR	0.339	2.8	0.043	0.481	2.6	0.088	0.489	3.7	0.076
16:06:11 HOUR	0.560	4.5	0.038	0.465	4.1	0.071	0.504	4.1	0.091
MARCH 25, 2023 T23AF525-0014- T23AF525-0015									
14:41:38 HOUR	0.087	28.4	0.001	0.118	34.1	0.002	0.922	25.6	0.005
15:01:12 HOUR	0.725	6.2	0.032	1.130	7.8	0.043	0.891	7.1	0.043
18:09:04 HOUR	0.118	4.9	0.003	0.110	5.6	0.005	0.575	3.9	0.025
MARCH 26, 2023 T23AF525-0015									
06:56:09 HOUR	0.181	10.4	0.003	0.102	9.5	0.001	0.560	9.9	0.009

REMARK: * MEASURING FROM 07:00 HOUR ON MARCH 23, 2023 TO 07:00 HOUR ON MARCH 26, 2023
1/ TRIGGER SOURCE 0.300 mm/s

(MR SILA BANJONGJAIKUK)

LABORATORY SUPERVISOR

APRIL 7, 2023

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ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (QUARRY 35 PLOT-SCCC)
CUSTOMER NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED
ADDRESS :
CONTACT INFORMATION :
MEASURING PLACE : บ้านเจริญพร (หมู่ 9)
MEASURING TYPE : AMBIENT (VIBRATION) **RECEIVED DATE** : MARCH 23-26, 2023
MEASURING DATE : MARCH 23-26, 2023 **ANALYTICAL DATE** : MARCH 23-26, 2023
MEASURING TIME : * **REPORT NO.** : 2023-U024764
MEASURING EQUIPMENT : VIBRATION METER ^{1/} **WORK NO.** : 2021-001114
MEASURED BY : MR UTHAI KAEWRAKMOOK **ANALYSIS NO.** : T23AF522-0028-T23AF522-0030

RESULT									
บ้านเจริญพร (หมู่ 9)									
TIME	TRANSVERSE						VERTICAL		
	X-AXIS			Y-AXIS			Z-AXIS		
	VELOCITY (mm/s)	FREQUENCY (Hz)	DISPLACEMENT (mm)	VELOCITY (mm/s)	FREQUENCY (Hz)	DISPLACEMENT (mm)	VELOCITY (mm/s)	FREQUENCY (Hz)	DISPLACEMENT (mm)
MARCH 23, 2023 T23AF522-0028									
13:49:15 HOUR	0.859	14.6	0.011	1.360	15.1	0.021	0.197	11.9	0.003
MARCH 24, 2023 T23AF522-0028- T23AF522-0029									
15:51:58 HOUR	0.166	51.2	0.001	0.118	51.2	0.001	0.244	46.5	0.001
15:52:47 HOUR	0.150	56.9	<0.001	0.087	64.0	<0.001	0.205	51.2	0.001
15:54:15 HOUR	0.221	51.2	0.001	0.126	56.9	0.001	0.331	46.5	0.001
MARCH 25, 2023 T23AF522-0029- T23AF522-0030									
04:35:26 HOUR	0.418	73.1	0.001	0.347	39.4	0.001	1.090	36.6	0.002
MARCH 26, 2023 T23AF522-0030									
06:43:45 HOUR	0.205	23.3	0.001	0.292	26.9	0.001	0.047	56.9	<0.001

REMARK: * MEASURING FROM 07:00 HOUR ON MARCH 23, 2023 TO 07:00 HOUR ON MARCH 26, 2023
1/ TRIGGER SOURCE 0.200 mm/s

(MR SILA BANJONGJAIKUK)

LABORATORY SUPERVISOR

APRIL 7, 2023

- DO NOT COPY PARTIAL OF THIS ANALYSIS REPORT WITHOUT OFFICIAL APPROVAL.
- REPORTED ANALYSIS REFERS TO SUBMITTED SAMPLE ONLY.

คุณภาพน้ำผิวดิน

ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (QUARRY 35 PLOT-SCCC)

CUSTOMER NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED

ADDRESS

CONTACT INFORMATION

SAMPLING SOURCE : -

SAMPLE TYPE : SURFACE WATER

SAMPLING DATE : MARCH 24, 2023

SAMPLING TIME : 10:09 HOUR

SAMPLING METHOD : GRAB

SAMPLING BY : MR ANUSART SUAYDEE

ANALYZED BY : MISS ARIYA THARAROM

RECEIVED DATE : MARCH 24, 2023

ANALYTICAL DATE : MARCH 24-30, 2023

REPORT NO. : 2023-U024111

WORK NO. : 2021-001114

ANALYSIS NO. : T23AF340-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT
			คณลงนามกระบวน T23AF340-0001	
pH ^a	-	ELECTROMETRIC METHOD AT SITE (SM: PART 4500-H ⁺ B)	8.3 (30°C)	-
TURBIDITY ^c	NTU	NEPHELOMETRIC METHOD (SM: PART 2130 B)	34	0.1
TOTAL SUSPENDED SOLIDS ^a	mg/L	TOTAL SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	23.3	5.0
TOTAL DISSOLVED SOLIDS ^b	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	700	25
TOTAL HARDNESS ^a	mg/L as CaCO ₃	EDTA TITRIMETRIC METHOD (SM: PART 2340 C)	353	4.0
SULPHATE ^c	mg/L SO ₄ ²⁻	TURBIDIMETRIC METHOD (SM: PART 4500-SO ₄ ²⁻ E)	90.7	0.3
METALS				
IRON ^c	mg/L Fe	IN-HOUSE METHOD: UAE.TP.SW.01 (NITRIC ACID DIGESTION AND DIRECT AIR ACETYLENE FLAME METHOD); SM: PART 3030 E AND PART 3111 B	0.606	0.005
SAMPLE CONDITION				
WATER'S COLOUR/TURBID			YELLOW/CLEAR	
SEDIMENT			BROWN	

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

IN-HOUSE : BASED ON STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

(MR BHUCHONK PANICHLERTUMPI)
LABORATORY SUPERVISOR

APRIL 5, 2023



ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (QUARRY 35 PLOT-SCCC)
CUSTOMER NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED
ADDRESS :
CONTACT INFORMATION :
SAMPLING SOURCE : -
SAMPLE TYPE : SURFACE WATER
SAMPLING DATE : MARCH 24, 2023
SAMPLING TIME : 14:00 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY : MR ANUSART SUAYDEE
ANALYZED BY : MISS ARIYA THARAROM

RECEIVED DATE : MARCH 24, 2023
ANALYTICAL DATE : MARCH 24-30, 2023
REPORT NO. : 2023-U024112
WORK NO. : 2021-001114
ANALYSIS NO. : T23AF340-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT
			อ้างอิงมาตรฐานวิธีรับและ อ้างอิงพันธุ์สัตว์กับกวาง T23AF340-0002	
pH ^a	-	ELECTROMETRIC METHOD AT SITE (SM: PART 4500-H ⁺ B)	8.3 (33°C)	-
TURBIDITY ^c	NTU	NEPHELOMETRIC METHOD (SM: PART 2130 B)	7.8	0.1
TOTAL SUSPENDED SOLIDS ^a	mg/L	TOTAL SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	5.5	5.0
TOTAL DISSOLVED SOLIDS ^c	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	1,306	25
TOTAL HARDNESS ^a	mg/L as CaCO ₃	EDTA TITRIMETRIC METHOD (SM: PART 2340 C)	713	4.0
SULPHATE ^c	mg/L SO ₄ ²⁻	TURBIDIMETRIC METHOD (SM: PART 4500-SO ₄ ²⁻ E)	327	0.3
METALS				
IRON ^c	mg/L Fe	IN-HOUSE METHOD: UAE.TP.SW.01 (NITRIC ACID DIGESTION AND DIRECT AIR ACETYLENE FLAME METHOD); SM: PART 3030 E AND PART 3111 B	0.086	0.005
SAMPLE CONDITION				
WATER'S COLOUR/TURBID			YELLOW/CLEAR	
SEDIMENT			BROWN	

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

IN-HOUSE : BASED ON STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

(MR BHUCHONK PANICHLERTUMPI)
LABORATORY SUPERVISOR

APRIL 5, 2023





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ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (QUARRY 35 PLOT-SCCC)

CUSTOMER NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED

ADDRESS :

CONTACT INFORMATION :

SAMPLING SOURCE : -

SAMPLE TYPE : GROUNDWATER

SAMPLING DATE : MARCH 24, 2023

SAMPLING TIME : 13:20 HOUR

SAMPLING METHOD : GRAB

SAMPLING BY : MR ANUSART SUAYDEE

ANALYZED BY : MR KARNPHONG BOONPUANG

RECEIVED DATE : MARCH 24, 2023

ANALYTICAL DATE : MARCH 24- APRIL 2, 2023

REPORT NO. : 2023-U024375

WORK NO. : 2021-001114

ANALYSIS NO. : T23AF339-0003

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT
			ศูนย์วิจัยและบำรุงพันธุ์สัตว์ ห้วยขวาง T23AF339-0003	
pH ^c	-	ELECTROMETRIC METHOD AT SITE (SM: PART 4500-H ⁺ B)	6.9 (30°C)	-
TURBIDITY ^c	NTU	NEPHELOMETRIC METHOD (SM: PART 2130 B)	1.4	0.1
TOTAL SUSPENDED SOLIDS ^c	mg/L	TOTAL SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	ND	5.0
TOTAL DISSOLVED SOLIDS ^b	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	774	25
TOTAL HARDNESS ^a	mg/L as CaCO ₃	EDTA TITRIMETRIC METHOD (SM: PART 2340 C)	586	4.0
SULPHATE ^c	mg/L SO ₄ ²⁻	TURBIDIMETRIC METHOD (SM: PART 4500-SO ₄ ²⁻ E)	128	0.3
METALS				
IRON ^c	mg/L Fe	IN-HOUSE METHOD: UAE.TP.GW.01 (NITRIC ACID DIGESTION AND DIRECT AIR ACETYLENE FLAME METHOD); SM: PART 3030 E AND PART 3111 B	0.123	0.005
SAMPLE CONDITION				
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR	
SEDIMENT			BROWN	

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

IN-HOUSE : BASED ON STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

ND : NON-DETECTABLE.

(MR BHUCHONK PANICHLERTUMPI)
LABORATORY SUPERVISOR

APRIL 5, 2023

