

ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (SCP K5+K6)
CUSTOMER NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED
ADDRESS : 99,219,301 MOO 9,5,5, MITRAPARB ROAD TABKWANG KAENGKOI SARABURI 18260
CONTACT INFORMATION : TEL : 08 1929 1310 e-mail : PIYAWAT.PHOTIMONGKONKUL@SIAMCITYCEMENT.COM
SAMPLING SOURCE : WAT SUBBHORN
SAMPLE TYPE : AMBIENT
SAMPLING DATE : *, **, ***
SAMPLING TIME : *, **, ***
SAMPLING BY : MR UTHAI KAEWRAKMOOK
ANALYZED BY : MISS JETJARIN TUMSA-AT
RECEIVED DATE : SEPTEMBER 26, 2023
ANALYTICAL DATE : SEPTEMBER 26-OCTOBER 2, 2023
REPORT NO. : 2023-U084467
WORK NO. : 2021-001113
ANALYSIS NO. : T23AT093-0001 - T23AT093-0003

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT			
			WAT SUBBHORN			
			*	**	***	
			T23AT093-0001	T23AT093-0002	T23AT093-0003	
TOTAL SUSPENDED PARTICULATE	mg/m ³	GRAVIMETRIC (HIGH VOLUME METHOD)	0.049	0.080	0.080	
PARTICULATE MATTER (≤ 10 µm)	mg/m ³	GRAVIMETRIC (HIGH VOLUME METHOD)	0.023	0.037	0.032	
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 I-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 I-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 SEPTEMBER 18, 2023 TO 10:30 HOUR ON SEPTEMBER 19, 2023.
** : SAMPLING FROM 10:30 HOUR ON SEPTEMBER 19, 2023 TO 10:30 HOUR ON SEPTEMBER 20, 2023.
*** : SAMPLING FROM 10:30 HOUR ON SEPTEMBER 20, 2023 TO 10:30 HOUR ON SEPTEMBER 21, 2023.

Budsakorn ✓
(MISS BUDSAKORN LERDPANUMAS)
LABORATORY SUPERVISOR

OCTOBER 4, 2023

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PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (SCP K5+K6)
CUSTOMER NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED
ADDRESS : 99,219,301 MOO 9,5,5, MITRAPARB ROAD TABKWANG KAENGKOI SARABURI 18260
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SAMPLING SOURCE : WAT SUBBHORN
SAMPLE TYPE : AMBIENT
SAMPLING DATE : *, **, ***
SAMPLING TIME : *, **, ***
SAMPLING BY : MR UTHAI KAEWRAKMOOK
ANALYZED BY : MISS JETJARIN TUMSA-AT
RECEIVED DATE : SEPTEMBER 26, 2023
ANALYTICAL DATE : SEPTEMBER 26-OCTOBER 2, 2023
REPORT NO. : 2023-U084469
WORK NO. : 2021-001113
ANALYSIS NO. : T23AT093-0004 - T23AT093-0007

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT			
			WAT SUBBHORN			
			*	**	***	****
			T23AT093-0004	T23AT093-0005	T23AT093-0006	T23AT093-0007
TOTAL SUSPENDED PARTICULATE	mg/m ³	GRAVIMETRIC (HIGH VOLUME METHOD)	0.064	0.028	0.029	0.097
PARTICULATE MATTER (≤ 10 µm)	mg/m ³	GRAVIMETRIC (HIGH VOLUME METHOD)	0.033	0.014	0.016	0.046
SAMPLE CONDITION			COMPLETE	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 I-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 I-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 SEPTEMBER 21, 2023 TO 10:30 HOUR ON SEPTEMBER 22, 2023.
** : SAMPLING FROM 10:30 HOUR ON SEPTEMBER 22, 2023 TO 10:30 HOUR ON SEPTEMBER 23, 2023.
*** : SAMPLING FROM 10:30 HOUR ON SEPTEMBER 23, 2023 TO 10:30 HOUR ON SEPTEMBER 24, 2023.
**** : SAMPLING FROM 10:30 HOUR ON SEPTEMBER 24, 2023 TO 10:30 HOUR ON SEPTEMBER 25, 2023.

Budsakorn ✓
(MISS BUDSAKORN LERDPANUMAS)
LABORATORY SUPERVISOR

OCTOBER 4, 2023

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ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (SCP K5+K6)
CUSTOMER NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED
ADDRESS : 99,219,301 MOO 9,5,5, MITRAPARB ROAD TABKWANG KAENGKROI SARABURI 18260
CONTACT INFORMATION : TEL : 08 1929 1310 e-mail : PIYAWAT.PHOTIMONGKONKUL@SIAMCITYCEMENT.COM
MEASURING PLACE : WAT SUBBHORN
MEASURING TYPE : AMBIENT (AIR)
MEASURING DATE : SEPTEMBER 18-25, 2023
MEASURING TIME : *
MEASURING METHOD : CHEMILUMINESCENCE
MEASURED BY : MR UTHAI KAEWRAMOOK

RECEIVED DATE : SEPTEMBER 18-25, 2023
ANALYTICAL DATE : SEPTEMBER 18-25, 2023
REPORT NO. : 2023-U084454
WORK NO. : 2021-001113
ANALYSIS NO. : T23AT093-0001 - T23AT093-0007

TIME *	RESULT (ppm)		
	NITROGEN DIOXIDE		
	WAT SUBBHORN		
	SEPTEMBER 18-19, 2023 T23AT093-0001	SEPTEMBER 19-20, 2023 T23AT093-0002	SEPTEMBER 20-21, 2023 T23AT093-0003
07:00-08:00 HOUR	0.0290	0.0271	0.0280
08:00-09:00 HOUR	0.0262	0.0233	0.0277
09:00-10:00 HOUR	0.0201	0.0170	0.0210
10:00-11:00 HOUR	0.0178	0.0143	0.0193
11:00-12:00 HOUR	0.0172	0.0134	0.0191
12:00-13:00 HOUR	0.0170	0.0138	0.0199
13:00-14:00 HOUR	0.0181	0.0155	0.0219
14:00-15:00 HOUR	0.0189	0.0178	0.0221
15:00-16:00 HOUR	0.0215	0.0210	0.0241
16:00-17:00 HOUR	0.0238	0.0239	0.0239
17:00-18:00 HOUR	0.0266	0.0243	0.0256
18:00-19:00 HOUR	0.0281	0.0257	0.0245
19:00-20:00 HOUR	0.0268	0.0252	0.0262
20:00-21:00 HOUR	0.0262	0.0268	0.0247
21:00-22:00 HOUR	0.0235	0.0261	0.0257
22:00-23:00 HOUR	0.0235	0.0249	0.0260
23:00-00:00 HOUR	0.0227	0.0252	0.0270
00:00-01:00 HOUR	0.0236	0.0240	0.0290
01:00-02:00 HOUR	0.0222	0.0242	0.0308
02:00-03:00 HOUR	0.0194	0.0231	0.0308
03:00-04:00 HOUR	0.0182	0.0245	0.0290
04:00-05:00 HOUR	0.0215	0.0264	0.0267
05:00-06:00 HOUR	0.0257	0.0262	0.0299
06:00-07:00 HOUR	0.0299	0.0299	0.0313

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TIME *	RESULT (ppm)			
	NITROGEN DIOXIDE			
	WAT SUBBHORN			
	SEPTEMBER 21-22, 2023 T23AT093-0004	SEPTEMBER 22-23, 2023 T23AT093-0005	SEPTEMBER 23-24, 2023 T23AT093-0006	SEPTEMBER 24-25, 2023 T23AT093-0007
07:00-08:00 HOUR	0.0301	0.0306	0.0302	0.0310
08:00-09:00 HOUR	0.0250	0.0262	0.0267	0.0282
09:00-10:00 HOUR	0.0207	0.0217	0.0232	0.0223
10:00-11:00 HOUR	0.0181	0.0200	0.0191	0.0171
11:00-12:00 HOUR	0.0178	0.0201	0.0175	0.0147
12:00-13:00 HOUR	0.0189	0.0202	0.0167	0.0169
13:00-14:00 HOUR	0.0222	0.0211	0.0178	0.0181
14:00-15:00 HOUR	0.0234	0.0208	0.0196	0.0212
15:00-16:00 HOUR	0.0260	0.0240	0.0243	0.0222
16:00-17:00 HOUR	0.0272	0.0272	0.0288	0.0246
17:00-18:00 HOUR	0.0288	0.0296	0.0294	0.0239
18:00-19:00 HOUR	0.0288	0.0290	0.0293	0.0252
19:00-20:00 HOUR	0.0285	0.0275	0.0279	0.0247
20:00-21:00 HOUR	0.0283	0.0261	0.0289	0.0259
21:00-22:00 HOUR	0.0298	0.0246	0.0258	0.0250
22:00-23:00 HOUR	0.0291	0.0248	0.0240	0.0245
23:00-00:00 HOUR	0.0283	0.0245	0.0206	0.0215
00:00-01:00 HOUR	0.0268	0.0270	0.0196	0.0194
01:00-02:00 HOUR	0.0268	0.0281	0.0190	0.0174
02:00-03:00 HOUR	0.0267	0.0294	0.0186	0.0182
03:00-04:00 HOUR	0.0254	0.0281	0.0213	0.0180
04:00-05:00 HOUR	0.0278	0.0271	0.0244	0.0203
05:00-06:00 HOUR	0.0310	0.0293	0.0285	0.0208
06:00-07:00 HOUR	0.0337	0.0299	0.0305	0.0241

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(MR. SIDA BANONGJAIKUL)
LABORATORY SUPERVISOR

OCTOBER 4, 2023

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2023-U084454

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PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (SCP K5+K6)
CUSTOMER NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED
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CONTACT INFORMATION : TEL : 08 1929 1310 e-mail : PIYAWAT.PHOTIMONGKONKUL@SIAMCITYCEMENT.COM
MEASURING PLACE : WAT SUBBHORN
MEASURING TYPE : AMBIENT (AIR)
MEASURING DATE : SEPTEMBER 18-25, 2023
MEASURING TIME : *
MEASURING METHOD : UV FLUORESCENCE
MEASURED BY : MR UTHAI KAEWRAKMOOK

RECEIVED DATE : SEPTEMBER 18-25, 2023
ANALYTICAL DATE : SEPTEMBER 18-25, 2023
REPORT NO. : 2023-U084489
WORK NO. : 2021-001113
ANALYSIS NO. : T23AT093-0001 - T23AT093-0007

วันที่ *	RESULT (ppm)			
	SULPHUR DIOXIDE			
	WAT SUBBHORN			
	SEPTEMBER 18 - 19, 2023 T23AT093-0001	SEPTEMBER 19 - 20, 2023 T23AT093-0002	SEPTEMBER 20 - 21, 2023 T23AT093-0003	
07:00-08:00 HOUR	0.0032	0.0032	0.0033	
08:00-09:00 HOUR	0.0026	0.0029	0.0026	
09:00-10:00 HOUR	0.0021	0.0028	0.0027	
10:00-11:00 HOUR	0.0021	0.0029	0.0026	
11:00-12:00 HOUR	0.0024	0.0032	0.0028	
12:00-13:00 HOUR	0.0030	0.0038	0.0033	
13:00-14:00 HOUR	0.0033	0.0044	0.0035	
14:00-15:00 HOUR	0.0037	0.0046	0.0041	
15:00-16:00 HOUR	0.0040	0.0048	0.0043	
16:00-17:00 HOUR	0.0043	0.0046	0.0046	
17:00-18:00 HOUR	0.0043	0.0050	0.0043	
18:00-19:00 HOUR	0.0039	0.0049	0.0040	
19:00-20:00 HOUR	0.0038	0.0051	0.0039	
20:00-21:00 HOUR	0.0039	0.0054	0.0039	
21:00-22:00 HOUR	0.0039	0.0051	0.0039	
22:00-23:00 HOUR	0.0035	0.0052	0.0037	
23:00-00:00 HOUR	0.0032	0.0044	0.0036	
00:00-01:00 HOUR	0.0030	0.0043	0.0033	
01:00-02:00 HOUR	0.0032	0.0038	0.0035	
02:00-03:00 HOUR	0.0030	0.0043	0.0037	
03:00-04:00 HOUR	0.0032	0.0043	0.0042	
04:00-05:00 HOUR	0.0036	0.0046	0.0040	
05:00-06:00 HOUR	0.0038	0.0044	0.0042	
06:00-07:00 HOUR	0.0038	0.0039	0.0040	
AVERAGE 24 HOUR	0.0034	0.0042	0.0037	

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วันที่ *	RESULT (ppm)			
	SULPHUR DIOXIDE			
	WAT SUBBHORN			
	SEPTEMBER 21 - 22, 2023 T23AT093-0004	SEPTEMBER 22 - 23, 2023 T23AT093-0005	SEPTEMBER 23 - 24, 2023 T23AT093-0006	SEPTEMBER 24 - 25, 2023 T23AT093-0007
07:00-08:00 HOUR	0.0038	0.0033	0.0041	0.0031
08:00-09:00 HOUR	0.0034	0.0029	0.0038	0.0027
09:00-10:00 HOUR	0.0028	0.0025	0.0035	0.0023
10:00-11:00 HOUR	0.0030	0.0023	0.0031	0.0022
11:00-12:00 HOUR	0.0027	0.0021	0.0030	0.0025
12:00-13:00 HOUR	0.0029	0.0024	0.0030	0.0030
13:00-14:00 HOUR	0.0030	0.0026	0.0034	0.0036
14:00-15:00 HOUR	0.0034	0.0029	0.0038	0.0039
15:00-16:00 HOUR	0.0036	0.0031	0.0042	0.0042
16:00-17:00 HOUR	0.0038	0.0035	0.0041	0.0044
17:00-18:00 HOUR	0.0034	0.0040	0.0041	0.0042
18:00-19:00 HOUR	0.0033	0.0041	0.0038	0.0041
19:00-20:00 HOUR	0.0034	0.0038	0.0042	0.0038
20:00-21:00 HOUR	0.0036	0.0037	0.0043	0.0036
21:00-22:00 HOUR	0.0036	0.0036	0.0044	0.0033
22:00-23:00 HOUR	0.0033	0.0038	0.0042	0.0031
23:00-00:00 HOUR	0.0032	0.0038	0.0039	0.0030
00:00-01:00 HOUR	0.0033	0.0036	0.0041	0.0028
01:00-02:00 HOUR	0.0034	0.0035	0.0041	0.0026
02:00-03:00 HOUR	0.0035	0.0035	0.0040	0.0029
03:00-04:00 HOUR	0.0037	0.0040	0.0035	0.0030
04:00-05:00 HOUR	0.0035	0.0042	0.0032	0.0033
05:00-06:00 HOUR	0.0037	0.0043	0.0032	0.0033
06:00-07:00 HOUR	0.0034	0.0042	0.0032	0.0035
AVERAGE 24 HOUR	0.0034	0.0034	0.0038	0.0033

(MR. SILA BANJONGJAIRUK)
LABORATORY SUPERVISOR

OCTOBER 4, 2023

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2023-U084489

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ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (SCP K5+K6)
CUSTOMER NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED
ADDRESS : 99,219,301 MOO 9,5,5, MITRAPARB ROAD TABKWANG KAENGKOL SARABUKI 18260
CONTACT INFORMATION : TEL : 08 1929 1310 e-mail : PIYAWAT.PHOTIMONGKONKUL@SIAMCITYCEMENT.COM
MEASURING PLACE : WAT SUBBHORN
MEASURING TYPE : AMBIENT (AIR) **RECEIVED DATE** : SEPTEMBER 18-25, 2023
MEASURING DATE : SEPTEMBER 18-25, 2023 **ANALYTICAL DATE** : SEPTEMBER 18-25, 2023
MEASURING TIME : * **REPORT NO.** : 2023-U084497
MEASURING METHOD : WIND SPEED & WIND DIRECTION EQUIPMENT **WORK NO.** : 2021-001113
MEASURED BY : MR UTHAI KAEWRAMOOK **ANALYSIS NO.** : T23AT093-0001 - T23AT093-0007

TIME *	RESULT (m/s)					
	WAT SUBBHORN					
	SEPTEMBER 18-19, 2023		SEPTEMBER 19-20, 2023		SEPTEMBER 20-21, 2023	
	T23AT093-0001		T23AT093-0002		T23AT093-0003	
	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION
07:00-08:00 HOUR	2.4	SW	2.3	NNE	2.3	NW
08:00-09:00 HOUR	2.4	SSW	2.2	E	1.7	NNE
09:00-10:00 HOUR	2.6	SE	2.0	NNE	1.6	NE
10:00-11:00 HOUR	1.7	SSE	2.6	SW	1.7	N
11:00-12:00 HOUR	2.1	SSW	3.1	S	1.5	N
12:00-13:00 HOUR	1.5	S	2.5	SE	1.8	N
13:00-14:00 HOUR	2.0	S	3.1	ESE	2.1	WSW
14:00-15:00 HOUR	1.8	SSE	2.8	NE	2.9	SSW
15:00-16:00 HOUR	2.4	SSE	2.5	ESE	2.1	SSE
16:00-17:00 HOUR	1.7	SE	2.5	NE	2.3	SE
17:00-18:00 HOUR	1.9	SE	2.1	SE	2.4	N
18:00-19:00 HOUR	1.7	SE	1.4	ESE	3.0	NNE
19:00-20:00 HOUR	1.5	SSE	1.3	SSE	2.8	N
20:00-21:00 HOUR	1.7	SE	0.8	SW	2.9	NNE
21:00-22:00 HOUR	2.0	SE	1.0	S	2.7	NNE
22:00-23:00 HOUR	1.2	SE	0.9	S	2.4	NE
23:00-00:00 HOUR	0.9	SSE	1.2	NW	2.0	NE
00:00-01:00 HOUR	0.8	SSE	1.8	WNW	1.6	NE
01:00-02:00 HOUR	1.0	S	2.5	N	2.1	NE
02:00-03:00 HOUR	1.1	SSW	2.6	N	1.3	ESE
03:00-04:00 HOUR	1.1	SE	2.4	SSW	2.1	NE
04:00-05:00 HOUR	1.5	SSE	3.1	S	1.6	NE
05:00-06:00 HOUR	2.1	ESE	3.1	S	2.0	NE
06:00-07:00 HOUR	1.9	E	2.3	N	1.9	NNE

TIME *	RESULT (m/s)							
	WAT SUBBHORN							
	SEPTEMBER 21-22, 2023		SEPTEMBER 22-23, 2023		SEPTEMBER 23-24, 2023		SEPTEMBER 24-25, 2023	
	T23AT093-0004		T23AT093-0005		T23AT093-0006		T23AT093-0007	
	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION
07:00-08:00 HOUR	1.9	NNE	2.7	NNW	1.6	WSW	2.2	SSE
08:00-09:00 HOUR	1.8	N	2.6	NW	1.5	WSW	1.7	S
09:00-10:00 HOUR	1.8	NE	2.7	WNW	1.5	W	2.6	WSW
10:00-11:00 HOUR	1.0	NNE	2.9	WNW	1.7	SW	2.4	S
11:00-12:00 HOUR	1.1	ENE	3.3	WSW	1.8	SSW	1.5	W
12:00-13:00 HOUR	1.0	E	3.3	SSW	1.4	NW	1.7	NW
13:00-14:00 HOUR	1.6	ESE	3.6	SSW	1.6	W	1.2	NW
14:00-15:00 HOUR	2.0	ENE	2.9	SSE	1.5	SSW	1.3	WNW
15:00-16:00 HOUR	1.9	ESE	3.4	S	0.8	SSW	0.9	WNW
16:00-17:00 HOUR	2.1	W	2.4	SE	1.3	W	1.2	SSW
17:00-18:00 HOUR	3.0	WSW	2.2	E	1.2	WSW	1.6	SW
18:00-19:00 HOUR	2.7	NW	2.4	E	2.2	NW	1.4	SW
19:00-20:00 HOUR	1.4	WNW	1.6	SSW	2.6	WNW	1.8	WSW
20:00-21:00 HOUR	1.4	W	1.5	SW	2.0	WNW	1.6	WSW
21:00-22:00 HOUR	1.6	NW	1.4	S	2.9	SW	1.7	SW
22:00-23:00 HOUR	1.3	W	1.6	WSW	3.3	SW	1.8	S
23:00-00:00 HOUR	1.7	WSW	1.6	WSW	2.1	S	2.0	SE
00:00-01:00 HOUR	2.0	WSW	1.5	WSW	2.4	S	2.0	SSE
01:00-02:00 HOUR	2.0	WNW	2.1	SW	2.7	SSW	2.0	SSE
02:00-03:00 HOUR	2.1	NW	1.5	SW	2.1	SSE	2.1	SE
03:00-04:00 HOUR	2.3	WNW	2.4	SW	1.8	SSE	1.7	SE
04:00-05:00 HOUR	1.7	NW	2.2	SW	2.3	SSE	1.5	SE
05:00-06:00 HOUR	1.8	NW	2.0	SSW	2.0	SSE	2.1	ESE
06:00-07:00 HOUR	2.3	WNW	2.1	SSW	2.1	S	2.4	ESE

Sila Banjongjatrak

(MR. SILA BANJONGJATRAK)
LABORATORY SUPERVISOR

OCTOBER 4, 2023



ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (SCP K5+K6)
CUSTOMER NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED
ADDRESS : 99,219,301 MOO 9,5,5, MITRAPARB ROAD TABKWANG KAENGKROI SARABURI 18260
CONTACT INFORMATION : TEL : 08 1929 1310 e-mail : PIYAWAT.PHOTIMONGKONKUL@SIAMCITYCEMENT.COM
SAMPLING SOURCE : ANUBAN TUBKWANG SCHOOL
SAMPLE TYPE : AMBIENT
SAMPLING DATE : *, **, ***
SAMPLING TIME : *, **, ***
SAMPLING BY : MR UTHAI KAEHWAKMOOK
ANALYZED BY : MISS JETJARIN TUMSA-AT
RECEIVED DATE : OCTOBER 30, 2023
ANALYTICAL DATE : OCTOBER 30-NOVEMBER 3, 2023
REPORT NO. : 2023-U095120
WORK NO. : 2021-001113
ANALYSIS NO. : T23AV477-0001 - T23AV477-0003

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT			
			ANUBAN TUBKWANG SCHOOL			
			*	**	***	****
TOTAL SUSPENDED PARTICULATE	mg/m ³	GRAVIMETRIC (HIGH VOLUME METHOD)	0.092	0.089	0.097	
PARTICULATE MATTER (≤ 10 µm)	mg/m ³	GRAVIMETRIC (HIGH VOLUME METHOD)	0.033	0.034	0.038	
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 I-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 I-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 08:30 HOUR ON OCTOBER 22, 2023 TO 08:30 HOUR ON OCTOBER 23, 2023.
** : SAMPLING FROM 08:30 HOUR ON OCTOBER 23, 2023 TO 08:30 HOUR ON OCTOBER 24, 2023.
*** : SAMPLING FROM 08:30 HOUR ON OCTOBER 24, 2023 TO 08:30 HOUR ON OCTOBER 25, 2023.

Budsakorn ✓
(MISS BUDSAKORN LERDPANUMAS)
LABORATORY SUPERVISOR

NOVEMBER 8, 2023



ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (SCP K5+K6)
CUSTOMER NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED
ADDRESS : 99,219,301 MOO 9,5,5, MITRAPARB ROAD TABKWANG KAENGKROI SARABURI 18260
CONTACT INFORMATION : TEL : 08 1929 1310 e-mail : PIYAWAT.PHOTIMONGKONKUL@SIAMCITYCEMENT.COM
SAMPLING SOURCE : ANUBAN TUBKWANG SCHOOL
SAMPLE TYPE : AMBIENT
SAMPLING DATE : *, **, ***
SAMPLING TIME : *, **, ***
SAMPLING BY : MR UTHAI KAEHWAKMOOK
ANALYZED BY : MISS JETJARIN TUMSA-AT
RECEIVED DATE : OCTOBER 30, 2023
ANALYTICAL DATE : OCTOBER 30-NOVEMBER 3, 2023
REPORT NO. : 2023-U095121
WORK NO. : 2021-001113
ANALYSIS NO. : T23AV477-0004 - T23AV477-0007

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT			
			ANUBAN TUBKWANG SCHOOL			
			*	**	***	****
TOTAL SUSPENDED PARTICULATE	mg/m ³	GRAVIMETRIC (HIGH VOLUME METHOD)	0.075	0.094	0.110	0.130
PARTICULATE MATTER (≤ 10 µm)	mg/m ³	GRAVIMETRIC (HIGH VOLUME METHOD)	0.028	0.040	0.047	0.052
SAMPLE CONDITION			COMPLETE	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 I-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 I-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 08:30 HOUR ON OCTOBER 25, 2023 TO 08:30 HOUR ON OCTOBER 26, 2023.
** : SAMPLING FROM 08:30 HOUR ON OCTOBER 26, 2023 TO 08:30 HOUR ON OCTOBER 27, 2023.
*** : SAMPLING FROM 08:30 HOUR ON OCTOBER 27, 2023 TO 08:30 HOUR ON OCTOBER 28, 2023.
**** : SAMPLING FROM 08:30 HOUR ON OCTOBER 28, 2023 TO 08:30 HOUR ON OCTOBER 29, 2023.

Budsakorn ✓
(MISS BUDSAKORN LERDPANUMAS)
LABORATORY SUPERVISOR

NOVEMBER 8, 2023



ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (SCP K5+K6)
CUSTOMER NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED
ADDRESS : 99,219,301 MOO 9,5,5, MITRAPARB ROAD TABKWANG KAENGKROI SARABURI 18260
CONTACT INFORMATION : TEL : 08 1929 1310 e-mail : PIYAWAT.PHOI@MONGKONKUL@SIAMCITYCEMENT.COM
MEASURING PLACE : ANUBAN TUBKWANG SCHOOL
MEASURING TYPE : AMBIENT (AIR)
RECEIVED DATE : OCTOBER 22-29, 2023
ANALYTICAL DATE : OCTOBER 22-29, 2023
MEASURING DATE : OCTOBER 22-29, 2023
REPORT NO. : 2023-U094522
MEASURING TIME : *
WORK NO. : 2021-001113
MEASURING METHOD : CHEMILUMINESCENCE
ANALYSIS NO. : T23AV477-0001 - T23AV477-0007
MEASURED BY : MR LITAI KAEWRAMODOK

TIME #	RESULT (ppm)			
	NITROGEN DIOXIDE			
	ANUBAN TUBKWANG SCHOOL			
	OCTOBER 22 - 23, 2023 T23AV477-0001	OCTOBER 23 - 24, 2023 T23AV477-0002	OCTOBER 24 - 25, 2023 T23AV477-0003	
07:00-08:00 HOUR	0.0123	0.0215	0.0169	
08:00-09:00 HOUR	0.0097	0.0195	0.0123	
09:00-10:00 HOUR	0.0085	0.0166	0.0116	
10:00-11:00 HOUR	0.0069	0.0484	0.0143	
11:00-12:00 HOUR	0.0072	0.0134	0.0427	
12:00-13:00 HOUR	0.0085	0.0098	0.0158	
13:00-14:00 HOUR	0.0142	0.0103	0.0122	
14:00-15:00 HOUR	0.0112	0.0085	0.0120	
15:00-16:00 HOUR	0.0128	0.0110	0.0136	
16:00-17:00 HOUR	0.0257	0.0096	0.0161	
17:00-18:00 HOUR	0.0331	0.0065	0.0213	
18:00-19:00 HOUR	0.0263	0.0148	0.0185	
19:00-20:00 HOUR	0.0339	0.0208	0.0160	
20:00-21:00 HOUR	0.0343	0.0214	0.0089	
21:00-22:00 HOUR	0.0221	0.0235	0.0155	
22:00-23:00 HOUR	0.0212	0.0187	0.0119	
23:00-00:00 HOUR	0.0219	0.0191	0.0139	
00:00-01:00 HOUR	0.0205	0.0207	0.0125	
01:00-02:00 HOUR	0.0180	0.0131	0.0170	
02:00-03:00 HOUR	0.0207	0.0095	0.0187	
03:00-04:00 HOUR	0.0186	0.0113	0.0156	
04:00-05:00 HOUR	0.0181	0.0221	0.0179	
05:00-06:00 HOUR	0.0169	0.0217	0.0140	
06:00-07:00 HOUR	0.0181	0.0196	0.0083	



TIME #	RESULT (ppm)			
	NITROGEN DIOXIDE			
	ANUBAN TUBKWANG SCHOOL			
	OCTOBER 25 - 26, 2023 T23AV477-0004	OCTOBER 26 - 27, 2023 T23AV477-0005	OCTOBER 27 - 28, 2023 T23AV477-0006	OCTOBER 28 - 29, 2023 T23AV477-0007
07:00-08:00 HOUR	0.0121	0.0054	0.0077	0.0062
08:00-09:00 HOUR	0.0125	0.0065	0.0057	0.0083
09:00-10:00 HOUR	0.0109	0.0067	0.0064	0.0103
10:00-11:00 HOUR	0.0127	0.0086	0.0075	0.0105
11:00-12:00 HOUR	0.0152	0.0094	0.0052	0.0183
12:00-13:00 HOUR	0.0198	0.0078	0.0064	0.0100
13:00-14:00 HOUR	0.0339	0.0096	0.0067	0.0164
14:00-15:00 HOUR	0.0211	0.0147	0.0091	0.0098
15:00-16:00 HOUR	0.0201	0.0131	0.0091	0.0139
16:00-17:00 HOUR	0.0208	0.0176	0.0124	0.0254
17:00-18:00 HOUR	0.0224	0.0154	0.0107	0.0216
18:00-19:00 HOUR	0.0165	0.0115	0.0248	0.0234
19:00-20:00 HOUR	0.0145	0.0105	0.0237	0.0162
20:00-21:00 HOUR	0.0172	0.0140	0.0157	0.0212
21:00-22:00 HOUR	0.0149	0.0114	0.0186	0.0192
22:00-23:00 HOUR	0.0099	0.0109	0.0171	0.0180
23:00-00:00 HOUR	0.0104	0.0079	0.0141	0.0177
00:00-01:00 HOUR	0.0102	0.0142	0.0125	0.0166
01:00-02:00 HOUR	0.0102	0.0103	0.0101	0.0162
02:00-03:00 HOUR	0.0070	0.0074	0.0066	0.0158
03:00-04:00 HOUR	0.0097	0.0070	0.0046	0.0147
04:00-05:00 HOUR	0.0070	0.0065	0.0065	0.0144
05:00-06:00 HOUR	0.0097	0.0054	0.0071	0.0133
06:00-07:00 HOUR	0.0064	0.0091	0.0065	0.0103

(Signature)
 (MR SILA BANJONGJAIKUK)
 LABORATORY SUPERVISOR

NOVEMBER 6, 2023

ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (SCP K5+K6)
CUSTOMER NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED
ADDRESS : 99,219,301 MUO 9,5,5, MITRAPARB ROAD TABKWANG KAENGKROI SARABURI 18260
CONTACT INFORMATION : TEL : 08 1929 1310 e-mail : PIYAWAT.PHOTIMONGKONKUL@SIAMCITYCEMENT.COM
MEASURING PLACE : ANUBAN TUBKWANG SCHOOL
MEASURING TYPE : AMBIENT (AIR) **RECEIVED DATE** : OCTOBER 22-29, 2023
MEASURING DATE : OCTOBER 22-29, 2023 **ANALYTICAL DATE** : OCTOBER 22-29, 2023
MEASURING TIME : * **REPORT NO.** : 2023-U094526
MEASURING METHOD : UV FLUORESCENCE **WORK NO.** : 2021-001113
MEASURED BY : MR UTHAI KAEWRAMOOK **ANALYSIS NO.** : T23AV477-0001 - T23AV477-0007

(138) *	RESULT (ppm)			
	SULPHUR DIOXIDE			
	ANUBAN TUBKWANG SCHOOL			
	OCTOBER 22 - 23, 2023 T23AV477-0001	OCTOBER 23 - 24, 2023 T23AV477-0002	OCTOBER 24 - 25, 2023 T23AV477-0003	
07:00-08:00 HOUR	0.0039	0.0040	0.0037	
08:00-09:00 HOUR	0.0040	0.0037	0.0039	
09:00-10:00 HOUR	0.0038	0.0037	0.0036	
10:00-11:00 HOUR	0.0038	0.0037	0.0035	
11:00-12:00 HOUR	0.0038	0.0039	0.0033	
12:00-13:00 HOUR	0.0038	0.0039	0.0034	
13:00-14:00 HOUR	0.0038	0.0039	0.0034	
14:00-15:00 HOUR	0.0038	0.0037	0.0036	
15:00-16:00 HOUR	0.0039	0.0036	0.0034	
16:00-17:00 HOUR	0.0036	0.0036	0.0035	
17:00-18:00 HOUR	0.0035	0.0036	0.0035	
18:00-19:00 HOUR	0.0036	0.0037	0.0037	
19:00-20:00 HOUR	0.0036	0.0036	0.0038	
20:00-21:00 HOUR	0.0038	0.0038	0.0038	
21:00-22:00 HOUR	0.0037	0.0040	0.0040	
22:00-23:00 HOUR	0.0037	0.0038	0.0041	
23:00-00:00 HOUR	0.0036	0.0039	0.0041	
00:00-01:00 HOUR	0.0038	0.0038	0.0041	
01:00-02:00 HOUR	0.0038	0.0037	0.0039	
02:00-03:00 HOUR	0.0038	0.0036	0.0038	
03:00-04:00 HOUR	0.0039	0.0036	0.0037	
04:00-05:00 HOUR	0.0037	0.0038	0.0037	
05:00-06:00 HOUR	0.0038	0.0038	0.0037	
06:00-07:00 HOUR	0.0039	0.0036	0.0039	
AVERAGE 24 HOUR	0.0038	0.0038	0.0037	



(138) *	RESULT (ppm)			
	SULPHUR DIOXIDE			
	ANUBAN TUBKWANG SCHOOL			
	OCTOBER 25 - 26, 2023 T23AV477-0004	OCTOBER 26 - 27, 2023 T23AV477-0005	OCTOBER 27 - 28, 2023 T23AV477-0006	OCTOBER 28 - 29, 2023 T23AV477-0007
07:00-08:00 HOUR	0.0040	0.0038	0.0040	0.0040
08:00-09:00 HOUR	0.0037	0.0038	0.0039	0.0040
09:00-10:00 HOUR	0.0038	0.0038	0.0038	0.0039
10:00-11:00 HOUR	0.0037	0.0037	0.0038	0.0038
11:00-12:00 HOUR	0.0037	0.0036	0.0038	0.0039
12:00-13:00 HOUR	0.0035	0.0036	0.0036	0.0038
13:00-14:00 HOUR	0.0036	0.0037	0.0036	0.0039
14:00-15:00 HOUR	0.0036	0.0037	0.0037	0.0038
15:00-16:00 HOUR	0.0035	0.0036	0.0037	0.0038
16:00-17:00 HOUR	0.0035	0.0035	0.0037	0.0038
17:00-18:00 HOUR	0.0037	0.0037	0.0038	0.0038
18:00-19:00 HOUR	0.0038	0.0037	0.0038	0.0039
19:00-20:00 HOUR	0.0039	0.0037	0.0038	0.0040
20:00-21:00 HOUR	0.0038	0.0038	0.0038	0.0039
21:00-22:00 HOUR	0.0041	0.0038	0.0037	0.0039
22:00-23:00 HOUR	0.0038	0.0039	0.0037	0.0040
23:00-00:00 HOUR	0.0038	0.0039	0.0037	0.0039
00:00-01:00 HOUR	0.0042	0.0038	0.0039	0.0040
01:00-02:00 HOUR	0.0038	0.0039	0.0040	0.0040
02:00-03:00 HOUR	0.0036	0.0040	0.0039	0.0040
03:00-04:00 HOUR	0.0036	0.0039	0.0038	0.0039
04:00-05:00 HOUR	0.0036	0.0041	0.0038	0.0040
05:00-06:00 HOUR	0.0037	0.0039	0.0041	0.0038
06:00-07:00 HOUR	0.0038	0.0042	0.0040	0.0039
AVERAGE 24 HOUR	0.0037	0.0038	0.0038	0.0039



United Analyst and Engineering Consultant Co., Ltd.
3 Soi Udomsuk 41, Sukhumvit Road, Bangchak, Phrakhanong, Bangkok 10260
Tel.0 2763 2828 Fax 0 2763 2800 www.uaeconsultant.com E-mail: uae@uaeconsultant.com

ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (SCP K5+K6)
CUSTOMER NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED
ADDRESS : 99,219,301 MOO 9,5,5, MITRAPARB ROAD TABKWANG KAENGKOT SARABURI 18260
CONTACT INFORMATION : TEL : 08 1929 1310 e-mail : PIYAWAT.PHOTIMONGKONKUL@SIAMCITYCEMENT.COM
MEASURING PLACE : ANUBAN TUBKWANG SCHOOL
MEASURING TYPE : AMBIENT (AIR)
MEASURING DATE : OCTOBER 22-29, 2023
MEASURING TIME : *
MEASURING METHOD : WIND SPEED & WIND DIRECTION EQUIPMENT
MEASURED BY : MR LUTHAI KAEWRAKMOOK

RECEIVED DATE : OCTOBER 22-29, 2023
ANALYTICAL DATE : OCTOBER 22-29, 2023
REPORT NO. : 2023-U094530
WORK NO. : 2021-001113
ANALYSIS NO. : T23AV477-0001 - T23AV477-0007

TIME #	RESULT (m/s)					
	ANUBAN TUBKWANG SCHOOL					
	OCTOBER 22 - 23, 2023		OCTOBER 23 - 24, 2023		OCTOBER 24 - 25, 2023	
	T23AV477-0001		T23AV477-0002		T23AV477-0003	
	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION
07:00-08:00 HOUR	1.5	WSW	1.8	SW	2.5	ESE
08:00-09:00 HOUR	1.8	S	1.4	N	2.2	SE
09:00-10:00 HOUR	1.5	SW	2.0	N	2.4	SSE
10:00-11:00 HOUR	1.1	SSW	1.8	N	2.5	SSE
11:00-12:00 HOUR	0.8	S	2.4	WNW	3.4	SE
12:00-13:00 HOUR	0.8	SSW	3.2	WSW	2.9	S
13:00-14:00 HOUR	0.7	SSE	3.1	SSW	2.1	SW
14:00-15:00 HOUR	0.7	E	3.2	NNE	2.5	SW
15:00-16:00 HOUR	0.8	ESE	2.2	SSW	2.7	SW
16:00-17:00 HOUR	1.1	E	2.6	N	2.0	SW
17:00-18:00 HOUR	0.9	NE	2.1	ENE	2.3	S
18:00-19:00 HOUR	1.2	NE	2.4	NE	2.6	S
19:00-20:00 HOUR	0.9	NE	2.0	SE	2.5	SSE
20:00-21:00 HOUR	1.4	NE	1.7	SSE	2.1	SSE
21:00-22:00 HOUR	2.2	E	2.3	SSE	2.1	SE
22:00-23:00 HOUR	2.0	NE	2.0	SSW	2.1	ESE
23:00-00:00 HOUR	2.6	E	2.0	SW	2.2	E
00:00-01:00 HOUR	3.3	E	2.0	SE	2.1	ENE
01:00-02:00 HOUR	2.6	ESE	1.6	SW	2.4	E
02:00-03:00 HOUR	3.2	S	2.1	SE	2.1	ENE
03:00-04:00 HOUR	2.6	SW	2.5	ENE	2.1	E
04:00-05:00 HOUR	2.0	S	2.5	ESE	1.9	ENE
05:00-06:00 HOUR	2.1	SW	2.6	ENE	2.2	ENE
06:00-07:00 HOUR	2.3	NNE	3.4	ENE	1.9	ENE

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United Analyst and Engineering Consultant Co., Ltd.
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Tel.0 2763 2828 Fax 0 2763 2800 www.uaeconsultant.com E-mail: uae@uaeconsultant.com

TIME #	RESULT (m/s)							
	ANUBAN TUBKWANG SCHOOL							
	OCTOBER 25 - 26, 2023		OCTOBER 26 - 27, 2023		OCTOBER 27 - 28, 2023		OCTOBER 28 - 29, 2023	
	T23AV477-0004		T23AV477-0005		T23AV477-0006		T23AV477-0007	
	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION
07:00-08:00 HOUR	2.2	E	1.1	S	1.1	SSW	2.1	E
08:00-09:00 HOUR	2.3	E	1.0	SSE	1.5	WSW	2.1	ESE
09:00-10:00 HOUR	2.7	ENE	0.8	SE	2.5	SSW	2.3	SSE
10:00-11:00 HOUR	2.8	ENE	1.1	E	2.8	SSW	2.1	S
11:00-12:00 HOUR	2.7	ENE	0.8	ENE	3.4	S	2.3	SSW
12:00-13:00 HOUR	2.9	ENE	1.1	NE	2.5	ESE	2.1	S
13:00-14:00 HOUR	3.5	ENE	1.0	NE	2.8	ESE	2.3	SSW
14:00-15:00 HOUR	2.4	ENE	1.1	NE	2.9	SSE	1.5	S
15:00-16:00 HOUR	3.4	ENE	1.1	NNE	2.7	ESE	2.0	S
16:00-17:00 HOUR	2.6	ENE	1.0	NE	3.6	SW	2.7	SSW
17:00-18:00 HOUR	2.6	E	1.1	NE	2.5	S	2.0	S
18:00-19:00 HOUR	2.4	E	1.3	NNE	2.9	SW	2.4	SW
19:00-20:00 HOUR	2.4	S	2.2	SE	1.8	S	2.5	NNE
20:00-21:00 HOUR	1.6	WSW	2.7	SSE	2.4	ESE	2.0	NNE
21:00-22:00 HOUR	1.6	SSW	2.8	SSW	1.7	ESE	1.6	NNE
22:00-23:00 HOUR	1.4	W	2.2	S	1.5	E	2.0	NNE
23:00-00:00 HOUR	2.1	SW	3.2	S	2.3	ENE	1.4	NE
00:00-01:00 HOUR	1.7	WSW	3.0	WSW	2.3	ENE	1.6	NNE
01:00-02:00 HOUR	1.5	SSW	3.2	WSW	1.8	NE	2.2	NNE
02:00-03:00 HOUR	1.6	SSW	2.8	WSW	1.9	NNE	1.5	NNE
03:00-04:00 HOUR	2.0	WSW	2.5	WSW	1.8	NNE	1.8	NNE
04:00-05:00 HOUR	1.6	WSW	1.9	SW	1.7	NE	1.6	NE
05:00-06:00 HOUR	1.0	WSW	1.4	SW	2.3	N	1.3	NNE
06:00-07:00 HOUR	1.1	S	1.2	SW	2.2	ENE	1.6	NNE

Sila Banjongjairuk

(MR. SILA BANJONGJAIRUK)
LABORATORY SUPERVISOR

NOVEMBER 6, 2023

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2/2

2023-U094530

- End of Analysis Report -

ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (SCP K5+K6)
CUSTOMER NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED
ADDRESS : 99,219,301 MOO 9,5,5, MITRAPARB ROAD TABKWANG KAENGKOE SARABURI 18260
CONTACT INFORMATION : TEL : 08 1929 1310 e-mail : PIYAWAI.PHOJIMONGKONKUL@SIAMCITYCEMENT.COM
SAMPLING SOURCE : NIKOM TUBKWANG SONGKHO SCHOOL
SAMPLE TYPE : AMBIENT
SAMPLING DATE : *, **, ***
SAMPLING TIME : *, **, ***
SAMPLING BY : MR. UTHAI KAEWRAMOOK
ANALYZED BY : MISS JETJANIN TUMSA-AT

RECEIVED DATE : OCTOBER 30, 2023
ANALYTICAL DATE : OCTOBER 30-NOVEMBER 3, 2023
REPORT NO. : 2023-U095126
WORK NO. : 2021-001113
ANALYSIS NO. : T23AV477-0022 - T23AV477-0024

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		
			NIKOM TUBKWANG SONGKHO SCHOOL		
			*	**	***
TOTAL SUSPENDED PARTICULATE	mg/m ³	GRAVIMETRIC (HIGH VOLUME METHOD)	T23AV477-0022	T23AV477-0023	T23AV477-0024
PARTICULATE MATTER (≤ 10 µm)	mg/m ³	GRAVIMETRIC (HIGH VOLUME METHOD)	0.053	0.083	0.104
			0.023	0.029	0.037
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 I-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 I-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 10:00 HOUR ON OCTOBER 22, 2023 TO 10:00 HOUR ON OCTOBER 23, 2023.
 ** : SAMPLING FROM 10:00 HOUR ON OCTOBER 23, 2023 TO 10:00 HOUR ON OCTOBER 24, 2023.
 *** : SAMPLING FROM 10:00 HOUR ON OCTOBER 24, 2023 TO 10:00 HOUR ON OCTOBER 25, 2023.

Budsakorn ✓
 (MISS BUDSAKORN LERDPANUMAS)
 LABORATORY SUPERVISOR

NOVEMBER 8, 2023



ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (SCP K5+K6)
CUSTOMER NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED
ADDRESS : 99,219,301 MOO 9,5,5, MITRAPARB ROAD TABKWANG KAENGKOE SARABURI 18260
CONTACT INFORMATION : TEL : 08 1929 1310 e-mail : PIYAWAI.PHOJIMONGKONKUL@SIAMCITYCEMENT.COM
SAMPLING SOURCE : NIKOM TUBKWANG SONGKHO SCHOOL
SAMPLE TYPE : AMBIENT
SAMPLING DATE : *, **, ***
SAMPLING TIME : *, **, ***
SAMPLING BY : MR. UTHAI KAEWRAMOOK
ANALYZED BY : MISS JETJANIN TUMSA-AT

RECEIVED DATE : OCTOBER 30, 2023
ANALYTICAL DATE : OCTOBER 30-NOVEMBER 3, 2023
REPORT NO. : 2023-U095127
WORK NO. : 2021-001113
ANALYSIS NO. : T23AV477-0025 - T23AV477-0028

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT			
			NIKOM TUBKWANG SONGKHO SCHOOL			
			*	**	***	****
TOTAL SUSPENDED PARTICULATE	mg/m ³	GRAVIMETRIC (HIGH VOLUME METHOD)	T23AV477-0025	T23AV477-0026	T23AV477-0027	T23AV477-0028
			0.080	0.065	0.094	0.095
PARTICULATE MATTER (≤ 10 µm)	mg/m ³	GRAVIMETRIC (HIGH VOLUME METHOD)	0.032	0.026	0.039	0.034
SAMPLE CONDITION			COMPLETE	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 I-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 I-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 10:00 HOUR ON OCTOBER 25, 2023 TO 10:00 HOUR ON OCTOBER 26, 2023.
 ** : SAMPLING FROM 10:00 HOUR ON OCTOBER 26, 2023 TO 10:00 HOUR ON OCTOBER 27, 2023.
 *** : SAMPLING FROM 10:00 HOUR ON OCTOBER 27, 2023 TO 10:00 HOUR ON OCTOBER 28, 2023.
 **** : SAMPLING FROM 10:00 HOUR ON OCTOBER 28, 2023 TO 10:00 HOUR ON OCTOBER 29, 2023.

Budsakorn ✓
 (MISS BUDSAKORN LERDPANUMAS)
 LABORATORY SUPERVISOR

NOVEMBER 8, 2023



ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (SCP K5+K6)
CUSTOMER NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED
ADDRESS : 99,219,301 MOO 9,5,5, MITRAPARB ROAD TABKWANG KAENGKROI SARABURI 18260
CONTACT INFORMATION : TEL : 08 1929 1310 e-mail : PIYAWAT.PHOTIMONGKONKUL@SIAMCITYCEMENT.COM
MEASURING PLACE : NIKOM TUBKWANG SONGKHO SCHOOL
MEASURING TYPE : AMBIENT (AIR)
MEASURING DATE : OCTOBER 22-29, 2023
MEASURING TIME : *
MEASURING METHOD : CHEMILUMINESCENCE
MEASURED BY : MR UTHAI KAEWRAKMODIK

RECEIVED DATE : OCTOBER 22-29, 2023
ANALYTICAL DATE : OCTOBER 22-29, 2023
REPORT NO. : 2023-U094525
WORK NO. : 2021-001113
ANALYSIS NO. : T23AV477-0022 - T23AV477-0028

TIME *	RESULT (ppm)			
	NITROGEN DIOXIDE			
	NIKOM TUBKWANG SONGKHO SCHOOL			
	OCTOBER 22 - 23, 2023 T23AV477-0022	OCTOBER 23 - 24, 2023 T23AV477-0023	OCTOBER 24 - 25, 2023 T23AV477-0024	
07:00-08:00 HOUR	0.0028	0.0139	0.0071	
08:00-09:00 HOUR	0.0020	0.0170	0.0059	
09:00-10:00 HOUR	0.0015	0.0030	0.0031	
10:00-11:00 HOUR	0.0070	0.0022	0.0037	
11:00-12:00 HOUR	0.0159	0.0022	0.0038	
12:00-13:00 HOUR	0.0045	0.0031	0.0031	
13:00-14:00 HOUR	0.0039	0.0041	0.0037	
14:00-15:00 HOUR	0.0033	0.0031	0.0039	
15:00-16:00 HOUR	0.0039	0.0037	0.0030	
16:00-17:00 HOUR	0.0041	0.0047	0.0045	
17:00-18:00 HOUR	0.0050	0.0056	0.0064	
18:00-19:00 HOUR	0.0072	0.0071	0.0130	
19:00-20:00 HOUR	0.0082	0.0079	0.0104	
20:00-21:00 HOUR	0.0064	0.0090	0.0086	
21:00-22:00 HOUR	0.0026	0.0067	0.0043	
22:00-23:00 HOUR	0.0022	0.0230	0.0061	
23:00-00:00 HOUR	0.0062	0.0140	0.0118	
00:00-01:00 HOUR	0.0035	0.0116	0.0090	
01:00-02:00 HOUR	0.0016	0.0087	0.0051	
02:00-03:00 HOUR	0.0017	0.0096	0.0047	
03:00-04:00 HOUR	0.0053	0.0062	0.0032	
04:00-05:00 HOUR	0.0067	0.0097	0.0040	
05:00-06:00 HOUR	0.0140	0.0113	0.0044	
06:00-07:00 HOUR	0.0107	0.0076	0.0063	

TIME *	RESULT (ppm)			
	NITROGEN DIOXIDE			
	NIKOM TUBKWANG SONGKHO SCHOOL			
	OCTOBER 25 - 26, 2023 T23AV477-0025	OCTOBER 26 - 27, 2023 T23AV477-0026	OCTOBER 27 - 28, 2023 T23AV477-0027	OCTOBER 28 - 29, 2023 T23AV477-0028
07:00-08:00 HOUR	0.0069	0.0029	0.0031	0.0043
08:00-09:00 HOUR	0.0044	0.0044	0.0019	0.0063
09:00-10:00 HOUR	0.0094	0.0054	0.0030	0.0096
10:00-11:00 HOUR	0.0117	0.0040	0.0041	0.0151
11:00-12:00 HOUR	0.0062	0.0028	0.0021	0.0210
12:00-13:00 HOUR	0.0052	0.0096	0.0014	0.0268
13:00-14:00 HOUR	0.0044	0.0232	0.0102	0.0182
14:00-15:00 HOUR	0.0045	0.0077	0.0156	0.0212
15:00-16:00 HOUR	0.0050	0.0063	0.0071	0.0209
16:00-17:00 HOUR	0.0067	0.0048	0.0076	0.0162
17:00-18:00 HOUR	0.0061	0.0028	0.0211	0.0101
18:00-19:00 HOUR	0.0077	0.0040	0.0140	0.0077
19:00-20:00 HOUR	0.0131	0.0051	0.0150	0.0151
20:00-21:00 HOUR	0.0096	0.0077	0.0194	0.0136
21:00-22:00 HOUR	0.0084	0.0133	0.0077	0.0140
22:00-23:00 HOUR	0.0144	0.0136	0.0084	0.0178
23:00-00:00 HOUR	0.0080	0.0086	0.0079	0.0142
00:00-01:00 HOUR	0.0067	0.0072	0.0066	0.0133
01:00-02:00 HOUR	0.0051	0.0057	0.0080	0.0116
02:00-03:00 HOUR	0.0079	0.0070	0.0024	0.0135
03:00-04:00 HOUR	0.0076	0.0061	0.0018	0.0046
04:00-05:00 HOUR	0.0088	0.0055	0.0021	0.0046
05:00-06:00 HOUR	0.0055	0.0046	0.0045	0.0019
06:00-07:00 HOUR	0.0047	0.0057	0.0060	0.0036

Sila Banjongjairuk

(MR SILA BANJONGJAIRUK)
LABORATORY SUPERVISOR

NOVEMBER 6, 2023





United Analyst and Engineering Consultant Co., Ltd.
3 Soi Udomsuk 41, Sukhumvit Road, Bangchak, Phrakhanong, Bangkok 10260
Tel.0 2763 2828 Fax 0 2763 2800 www.uaeconsultant.com E-mail: uae@uaeconsultant.com

ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (SCP K5+K6)
CUSTOMER NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED
ADDRESS : 99,219,301 MOO 9,5,5, MITRAPARB ROAD TABKWANG KAENGKROI SARABURU 18260
CONTACT INFORMATION : TEL : 08 1929 1310 e-mail : PIYAWAT.PHOTI@MONGKUNKUL@SIAMCITYCEMENT.COM
MEASURING PLACE : NIKOM TUBKWANG SONGKHO SCHOOL
MEASURING TYPE : AMBIENT (AIR)
MEASURING DATE : OCTOBER 22-29, 2023
MEASURING TIME : *
MEASURING METHOD : UV FLUORESCENCE
MEASURED BY : MR LUTHAI KAEWRAKMOOK
RECEIVED DATE : OCTOBER 22-29, 2023
ANALYTICAL DATE : OCTOBER 22-29, 2023
REPORT NO. : 2023-U094529
WORK NO. : 2021-001113
ANALYSIS NO. : T23AV477-0022 - T23AV477-0028

วันที่	RESULT (ppm)			
	SULPHUR DIOXIDE			
	NIKOM TUBKWANG SONGKHO SCHOOL			
	OCTOBER 22 - 23, 2023 T23AV477-0022	OCTOBER 23 - 24, 2023 T23AV477-0023	OCTOBER 24 - 25, 2023 T23AV477-0024	
07:00-08:00 HOUR	0.0029	0.0029	0.0028	
08:00-09:00 HOUR	0.0029	0.0030	0.0029	
09:00-10:00 HOUR	0.0029	0.0029	0.0029	
10:00-11:00 HOUR	0.0030	0.0029	0.0029	
11:00-12:00 HOUR	0.0030	0.0030	0.0029	
12:00-13:00 HOUR	0.0030	0.0030	0.0029	
13:00-14:00 HOUR	0.0030	0.0030	0.0029	
14:00-15:00 HOUR	0.0030	0.0030	0.0029	
15:00-16:00 HOUR	0.0029	0.0029	0.0030	
16:00-17:00 HOUR	0.0030	0.0029	0.0029	
17:00-18:00 HOUR	0.0029	0.0029	0.0029	
18:00-19:00 HOUR	0.0029	0.0029	0.0029	
19:00-20:00 HOUR	0.0029	0.0029	0.0030	
20:00-21:00 HOUR	0.0029	0.0028	0.0029	
21:00-22:00 HOUR	0.0029	0.0028	0.0029	
22:00-23:00 HOUR	0.0028	0.0029	0.0028	
23:00-00:00 HOUR	0.0029	0.0028	0.0028	
00:00-01:00 HOUR	0.0029	0.0028	0.0028	
01:00-02:00 HOUR	0.0028	0.0029	0.0028	
02:00-03:00 HOUR	0.0028	0.0028	0.0027	
03:00-04:00 HOUR	0.0028	0.0028	0.0028	
04:00-05:00 HOUR	0.0029	0.0028	0.0028	
05:00-06:00 HOUR	0.0029	0.0028	0.0028	
06:00-07:00 HOUR	0.0028	0.0028	0.0028	
AVERAGE 24 HOUR	0.0029	0.0029	0.0029	

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3 Soi Udomsuk 41, Sukhumvit Road, Bangchak, Phrakhanong, Bangkok 10260
Tel.0 2763 2828 Fax 0 2763 2800 www.uaeconsultant.com E-mail: uae@uaeconsultant.com

วันที่	RESULT (ppm)			
	SULPHUR DIOXIDE			
	NIKOM TUBKWANG SONGKHO SCHOOL			
	OCTOBER 25 - 26, 2023 T23AV477-0025	OCTOBER 26 - 27, 2023 T23AV477-0026	OCTOBER 27 - 28, 2023 T23AV477-0027	OCTOBER 28 - 29, 2023 T23AV477-0028
07:00-08:00 HOUR	0.0028	0.0028	0.0028	0.0028
08:00-09:00 HOUR	0.0029	0.0028	0.0028	0.0029
09:00-10:00 HOUR	0.0028	0.0029	0.0028	0.0029
10:00-11:00 HOUR	0.0029	0.0029	0.0029	0.0029
11:00-12:00 HOUR	0.0029	0.0030	0.0029	0.0030
12:00-13:00 HOUR	0.0029	0.0029	0.0029	0.0030
13:00-14:00 HOUR	0.0029	0.0029	0.0029	0.0029
14:00-15:00 HOUR	0.0029	0.0030	0.0030	0.0029
15:00-16:00 HOUR	0.0029	0.0029	0.0029	0.0029
16:00-17:00 HOUR	0.0028	0.0029	0.0029	0.0028
17:00-18:00 HOUR	0.0029	0.0029	0.0029	0.0029
18:00-19:00 HOUR	0.0028	0.0029	0.0029	0.0029
19:00-20:00 HOUR	0.0028	0.0029	0.0029	0.0030
20:00-21:00 HOUR	0.0028	0.0029	0.0028	0.0029
21:00-22:00 HOUR	0.0028	0.0029	0.0028	0.0028
22:00-23:00 HOUR	0.0029	0.0028	0.0028	0.0029
23:00-00:00 HOUR	0.0028	0.0028	0.0028	0.0029
00:00-01:00 HOUR	0.0028	0.0028	0.0028	0.0028
01:00-02:00 HOUR	0.0027	0.0028	0.0028	0.0028
02:00-03:00 HOUR	0.0028	0.0027	0.0028	0.0028
03:00-04:00 HOUR	0.0029	0.0028	0.0028	0.0028
04:00-05:00 HOUR	0.0029	0.0028	0.0028	0.0028
05:00-06:00 HOUR	0.0027	0.0028	0.0028	0.0028
06:00-07:00 HOUR	0.0028	0.0028	0.0028	0.0028
AVERAGE 24 HOUR	0.0028	0.0029	0.0028	0.0029

(MR SILA BANJONGJAIRUK)
LABORATORY SUPERVISOR

NOVEMBER 6, 2023

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2023-U094529

- End of Analysis Report -

ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (SCP K5+K6)
CUSTOMER NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED
ADDRESS : 99,219,301 MOO 9,5,5, MITRAPARB ROAD TABKWANG KAENGKHOI SARABURI 18260
CONTACT INFORMATION : TEL : 08 1929 1310 e-mail : PIYAWAT.PHOTIMONGKONKUL@SIAMCITYCEMENT.COM
MEASURING PLACE : NIKOM TUBKWANG SONGKHO SCHOOL
MEASURING TYPE : AMBIENT (A1K)
MEASURING DATE : OCTOBER 22-29, 2023
MEASURING TIME : *
MEASURING METHOD : WIND SPEED & WIND DIRECTION EQUIPMENT
MEASURED BY : MR UTHAI KAEWRAMOOK

RECEIVED DATE : OCTOBER 22-29, 2023
ANALYTICAL DATE : OCTOBER 22-29, 2023
REPORT NO. : 2023-U094533
WORK NO. : 2021-001113
ANALYSIS NO. : T23AV477-0022 - T23AV477-0028

TIME #	RESULT (m/s)					
	NIKOM TUBKWANG SONGKHO SCHOOL					
	OCTOBER 22 - 23, 2023		OCTOBER 23 - 24, 2023		OCTOBER 24 - 25, 2023	
	T23AV477-0022		T23AV477-0023		T23AV477-0024	
	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION
07:00-08:00 HOUR	0.7	NW	1.6	N	1.5	ENE
08:00-09:00 HOUR	1.0	W	1.8	SW	2.0	ENE
09:00-10:00 HOUR	1.1	NNW	2.2	NNW	2.3	E
10:00-11:00 HOUR	1.0	NW	3.3	SE	2.0	E
11:00-12:00 HOUR	0.9	W	3.5	SSW	2.8	ESE
12:00-13:00 HOUR	1.1	NW	3.3	S	2.4	SSE
13:00-14:00 HOUR	1.3	WSW	2.7	SSW	2.6	NE
14:00-15:00 HOUR	1.4	NW	2.7	SSW	1.9	NE
15:00-16:00 HOUR	2.0	WSW	3.5	S	1.6	NE
16:00-17:00 HOUR	2.6	WNW	3.5	SW	1.5	NE
17:00-18:00 HOUR	3.4	WNW	3.0	SW	0.8	NE
18:00-19:00 HOUR	3.4	NW	2.2	SSE	0.9	ENE
19:00-20:00 HOUR	2.3	NW	2.9	SSE	1.4	ENE
20:00-21:00 HOUR	2.5	W	3.5	ESE	1.2	ENE
21:00-22:00 HOUR	3.2	SSW	2.3	ESE	1.3	NE
22:00-23:00 HOUR	2.9	S	2.6	ENE	2.3	NE
23:00-00:00 HOUR	2.3	ESE	2.4	NE	1.9	NNE
00:00-01:00 HOUR	1.9	E	1.9	NE	1.7	NNE
01:00-02:00 HOUR	2.4	N	2.2	NE	1.7	NNE
02:00-03:00 HOUR	2.0	N	2.0	NNE	2.1	NNE
03:00-04:00 HOUR	1.9	NNE	1.3	NNE	2.0	ESE
04:00-05:00 HOUR	1.9	SE	0.9	NNE	2.1	E
05:00-06:00 HOUR	1.7	S	1.3	NNE	1.6	SE
06:00-07:00 HOUR	1.8	SW	1.4	ENE	1.7	W

TIME #	RESULT (m/s)							
	NIKOM TUBKWANG SONGKHO SCHOOL							
	OCTOBER 25 - 26, 2023		OCTOBER 26 - 27, 2023		OCTOBER 27 - 28, 2023		OCTOBER 28 - 29, 2023	
	T23AV477-0025		T23AV477-0026		T23AV477-0027		T23AV477-0028	
	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION
07:00-08:00 HOUR	1.6	WSW	1.5	NNE	2.2	SSE	2.3	SSW
08:00-09:00 HOUR	1.3	W	1.8	SE	2.0	SSE	1.8	ESE
09:00-10:00 HOUR	0.9	SW	1.9	SSE	2.0	SSE	1.3	E
10:00-11:00 HOUR	1.3	SW	1.6	SSE	1.9	S	1.6	E
11:00-12:00 HOUR	1.2	SSW	1.5	SSW	1.8	S	1.3	E
12:00-13:00 HOUR	0.9	S	2.5	S	2.2	S	0.9	ESE
13:00-14:00 HOUR	1.2	WSW	2.3	S	2.3	SSE	1.2	ESE
14:00-15:00 HOUR	2.0	SW	1.6	SE	2.2	S	1.2	SSW
15:00-16:00 HOUR	2.4	SW	1.8	NNE	2.9	SSE	1.0	WSW
16:00-17:00 HOUR	3.3	NW	1.9	NE	3.2	SW	1.4	SW
17:00-18:00 HOUR	3.1	W	2.3	ESE	2.7	W	1.4	SSW
18:00-19:00 HOUR	3.3	SSW	2.1	NNE	3.4	SSW	1.8	WSW
19:00-20:00 HOUR	3.4	SSE	1.6	NNE	2.8	WNW	2.3	SSE
20:00-21:00 HOUR	2.3	ESE	1.4	NE	2.6	NW	3.2	SW
21:00-22:00 HOUR	2.5	SE	1.3	NE	3.2	W	2.9	SSE
22:00-23:00 HOUR	2.5	ENE	1.2	NE	3.0	WNW	2.4	W
23:00-00:00 HOUR	1.7	NE	0.7	ENE	2.9	WSW	2.2	WSW
00:00-01:00 HOUR	2.2	NE	0.9	ENE	1.9	W	2.0	WSW
01:00-02:00 HOUR	1.9	NE	1.0	ENE	2.1	SW	1.6	NW
02:00-03:00 HOUR	1.7	NNE	1.4	ENE	2.1	SW	1.7	WNW
03:00-04:00 HOUR	2.1	NE	1.9	E	1.6	SSW	2.1	NW
04:00-05:00 HOUR	2.3	NNE	2.3	ESE	2.1	SW	2.3	WNW
05:00-06:00 HOUR	2.2	NNE	2.6	SE	2.0	SSW	2.1	WSW
06:00-07:00 HOUR	1.5	SE	2.2	SE	2.4	S	2.0	WNW

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(MR. SITA BANJONGJAIKUL)
LABORATORY SUPERVISOR

NOVEMBER 6, 2023



ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (SCP K5+K6)
CUSTOMER NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED
ADDRESS : 99,219,301 MOO 9,5,5, MITRAPARK ROAD TABKWANG KAENGKOL SAKABURI 18260
CONTACT INFORMATION : TEL : 08 1929 1310 e-mail : PIYAWAT.PHOTIMONGKONKUL@SIAMCITYCEMENT.COM
SAMPLING SOURCE : WAT PAPHAI SCHOOL
SAMPLE TYPE : AMBIENT
SAMPLING DATE : *, **, ***
SAMPLING TIME : *, **, ***
SAMPLING BY : MR UTHAI KAEWRAKMOOK
ANALYZED BY : MISS JE JAKIN TUMSA-AJ

RECEIVED DATE : AUGUST 10, 2023
ANALYTICAL DATE : AUGUST 10-15, 2023
REPORT NO. : 2023-U068103
WORK NO. : 2021-001113
ANALYSIS NO. : T23AP370-0008 - T23AP370-0010

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		
			WAT PAPHAI SCHOOL		
			* T23AP370-0008	** T23AP370-0009	*** T23AP370-0010
TOTAL SUSPENDED PARTICULATE	mg/m ³	GRAVIMETRIC (HIGH VOLUME METHOD)	0.075	0.102	0.110
PARTICULATE MATTER (≤ 10 μm)	mg/m ³	GRAVIMETRIC (HIGH VOLUME METHOD)	0.039	0.046	0.045
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 I-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 I-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 AUGUST 2, 2023 TO 09:00 HOUR ON AUGUST 3, 2023.
** : SAMPLING FROM 09:00 HOUR ON AUGUST 3, 2023 TO 09:00 HOUR ON AUGUST 4, 2023.
*** : SAMPLING FROM 09:00 HOUR ON AUGUST 4, 2023 TO 09:00 HOUR ON AUGUST 5, 2023.

Budsakorn ✓
(MISS BUDSAKORN LERDPANUMAS)
LABORATORY SUPERVISOR

AUGUST 21, 2023



ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (SCP K5+K6)
CUSTOMER NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED
ADDRESS : 99,219,301 MOO 9,5,5, MITRAPARK ROAD TABKWANG KAENGKOL SAKABURI 18260
CONTACT INFORMATION : TEL : 08 1929 1310 e-mail : PIYAWAT.PHOTIMONGKONKUL@SIAMCITYCEMENT.COM
SAMPLING SOURCE : WAT PAPHAI SCHOOL
SAMPLE TYPE : AMBIENT
SAMPLING DATE : *, **, ***
SAMPLING TIME : *, **, ***
SAMPLING BY : MR UTHAI KAEWRAKMOOK
ANALYZED BY : MISS JETJARAN TUMSA-AT

RECEIVED DATE : AUGUST 10, 2023
ANALYTICAL DATE : AUGUST 10-15, 2023
REPORT NO. : 2023-U068104
WORK NO. : 2021-001113
ANALYSIS NO. : T23AP370-0011 - T23AP370-0014

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT			
			WAT PAPHAI SCHOOL			
			* T23AP370-0011	** T23AP370-0012	*** T23AP370-0013	**** T23AP370-0014
TOTAL SUSPENDED PARTICULATE	mg/m ³	GRAVIMETRIC (HIGH VOLUME METHOD)	0.066	0.082	0.133	0.094
PARTICULATE MATTER (≤ 10 μm)	mg/m ³	GRAVIMETRIC (HIGH VOLUME METHOD)	0.050	0.037	0.059	0.040
SAMPLE CONDITION			COMPLETE	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 I-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 I-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 AUGUST 5, 2023 TO 09:00 HOUR ON AUGUST 6, 2023.
** : SAMPLING FROM 09:00 HOUR ON AUGUST 6, 2023 TO 09:00 HOUR ON AUGUST 7, 2023.
*** : SAMPLING FROM 09:00 HOUR ON AUGUST 7, 2023 TO 09:00 HOUR ON AUGUST 8, 2023.
**** : SAMPLING FROM 09:00 HOUR ON AUGUST 8, 2023 TO 09:00 HOUR ON AUGUST 9, 2023.

Budsakorn ✓
(MISS BUDSAKORN LERDPANUMAS)
LABORATORY SUPERVISOR

AUGUST 21, 2023





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Tel. 0 2763 2828 Fax 0 2763 2800 www.uaeconsultant.com E-mail: uae@uaeconsultant.com

ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (SCP K5+K6)
CUSTOMER NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED
ADDRESS : 99,219,301 MOO 9,5,5, MITRAPARK ROAD TABKWANG KAENGKROI SARABURI 18260
CONTACT INFORMATION : TEL : 08 1929 1310 E-mail : PIYAWAT.PHOTIMONGKONKUL@SIAMCITYCEMENT.COM
MEASURING PLACE : WAT PAPHAI SCHOOL
MEASURING TYPE : AMBIENT (AIR)
MEASURING DATE : AUGUST 2-9, 2023
MEASURING TIME : *
MEASURING METHOD : CHEMILUMINESCENCE
MEASURED BY : MR UTHAI KAEWRAMOOK

RECEIVED DATE : AUGUST 2-9, 2023
ANALYTICAL DATE : AUGUST 2-9, 2023
REPORT NO. : 2023-U067018
WORK NO. : 2021-001113
ANALYSIS NO. : T23AP370-0008 - T23AP370-0014

TIME *	RESULT (ppm)			
	NITROGEN DIOXIDE			
	WAT PAPHAI SCHOOL			
	AUGUST 2 - 3, 2023 T23AP370-0008	AUGUST 3 - 4, 2023 T23AP370-0009	AUGUST 4 - 5, 2023 T23AP370-0010	
07:00-08:00 HOUR	0.0039	0.0050	0.0055	
08:00-09:00 HOUR	0.0033	0.0042	0.0046	
09:00-10:00 HOUR	0.0022	0.0036	0.0038	
10:00-11:00 HOUR	0.0021	0.0042	0.0037	
11:00-12:00 HOUR	0.0022	0.0045	0.0036	
12:00-13:00 HOUR	0.0032	0.0059	0.0064	
13:00-14:00 HOUR	0.0034	0.0066	0.0055	
14:00-15:00 HOUR	0.0047	0.0077	0.0065	
15:00-16:00 HOUR	0.0029	0.0118	0.0067	
16:00-17:00 HOUR	0.0041	0.0116	0.0151	
17:00-18:00 HOUR	0.0076	0.0173	0.0245	
18:00-19:00 HOUR	0.0073	0.0181	0.0103	
19:00-20:00 HOUR	0.0050	0.0186	0.0132	
20:00-21:00 HOUR	0.0050	0.0087	0.0133	
21:00-22:00 HOUR	0.0057	0.0058	0.0109	
22:00-23:00 HOUR	0.0035	0.0044	0.0108	
23:00-00:00 HOUR	0.0033	0.0041	0.0102	
00:00-01:00 HOUR	0.0045	0.0039	0.0080	
01:00-02:00 HOUR	0.0047	0.0041	0.0067	
02:00-03:00 HOUR	0.0052	0.0034	0.0057	
03:00-04:00 HOUR	0.0045	0.0042	0.0048	
04:00-05:00 HOUR	0.0050	0.0052	0.0049	
05:00-06:00 HOUR	0.0049	0.0054	0.0047	
06:00-07:00 HOUR	0.0052	0.0049	0.0057	



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TIME *	RESULT (ppm)			
	NITROGEN DIOXIDE			
	WAT PAPHAI SCHOOL			
	AUGUST 5 - 6, 2023 T23AP370-0011	AUGUST 6 - 7, 2023 T23AP370-0012	AUGUST 7 - 8, 2023 T23AP370-0013	AUGUST 8 - 9, 2023 T23AP370-0014
07:00-08:00 HOUR	0.0054	0.0032	0.0040	0.0035
08:00-09:00 HOUR	0.0048	0.0025	0.0036	0.0029
09:00-10:00 HOUR	0.0035	0.0020	0.0031	0.0023
10:00-11:00 HOUR	0.0039	0.0027	0.0026	0.0026
11:00-12:00 HOUR	0.0051	0.0038	0.0029	0.0030
12:00-13:00 HOUR	0.0063	0.0051	0.0057	0.0056
13:00-14:00 HOUR	0.0086	0.0047	0.0079	0.0065
14:00-15:00 HOUR	0.0245	0.0038	0.0057	0.0106
15:00-16:00 HOUR	0.0159	0.0041	0.0153	0.0245
16:00-17:00 HOUR	0.0092	0.0046	0.0197	0.0140
17:00-18:00 HOUR	0.0116	0.0055	0.0190	0.0097
18:00-19:00 HOUR	0.0091	0.0109	0.0157	0.0070
19:00-20:00 HOUR	0.0052	0.0106	0.0152	0.0041
20:00-21:00 HOUR	0.0058	0.0078	0.0114	0.0039
21:00-22:00 HOUR	0.0065	0.0077	0.0086	0.0046
22:00-23:00 HOUR	0.0070	0.0071	0.0071	0.0066
23:00-00:00 HOUR	0.0065	0.0065	0.0061	0.0053
00:00-01:00 HOUR	0.0048	0.0060	0.0048	0.0039
01:00-02:00 HOUR	0.0044	0.0056	0.0047	0.0037
02:00-03:00 HOUR	0.0037	0.0048	0.0045	0.0033
03:00-04:00 HOUR	0.0037	0.0049	0.0045	0.0033
04:00-05:00 HOUR	0.0034	0.0040	0.0045	0.0034
05:00-06:00 HOUR	0.0030	0.0039	0.0041	0.0029
06:00-07:00 HOUR	0.0031	0.0039	0.0040	0.0029

Sila

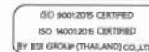
(MR SILA BANJONGJAIKUK)
LABORATORY SUPERVISOR

AUGUST 15, 2023



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2023-0067018

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Tel. 0 2 763 2828 Fax 0 2 763 2800 www.uaeconsultant.com E-mail: uae@uaeconsultant.com

ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (SCP K5+K6)
CUSTOMER NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED
ADDRESS : 99,219,301 MOU 9,5,5, MITTAPARK ROAD TARKWANG KAENGKOL SARABURI 18260
CONTACT INFORMATION : TEL : 08 1929 1310 E-mail : PIYAWAT.PHOI@MONGKONKUL@SIAMCITYCEMENT.COM
MEASURING PLACE : WAT PAPHAI SCHOOL
MEASURING TYPE : AMBIENT (AIR)
MEASURING DATE : AUGUST 2-9, 2023
MEASURING TIME : *
MEASURING METHOD : UV FLUORESCENCE
MEASURED BY : MR UTHAI KAEWRAMOOK
RECEIVED DATE : AUGUST 2-9, 2023
ANALYTICAL DATE : AUGUST 2-9, 2023
REPORT NO. : 2023-U067022
WORK NO. : 2021-001113
ANALYSIS NO. : T23AP370-0008 - T23AP370-0014

เวลา *	RESULT (ppm)		
	SULPHUR DIOXIDE		
	WAT PAPHAI SCHOOL		
	AUGUST 2 - 3, 2023 T23AP370-0009	AUGUST 3 - 4, 2023 T23AP370-0009	AUGUST 4 - 5, 2023 T23AP370-0010
07:00-08:00 HOUR	0.0029	0.0030	0.0029
08:00-09:00 HOUR	0.0029	0.0031	0.0030
09:00-10:00 HOUR	0.0029	0.0030	0.0030
10:00-11:00 HOUR	0.0029	0.0030	0.0030
11:00-12:00 HOUR	0.0029	0.0030	0.0030
12:00-13:00 HOUR	0.0030	0.0030	0.0030
13:00-14:00 HOUR	0.0030	0.0030	0.0030
14:00-15:00 HOUR	0.0030	0.0031	0.0030
15:00-16:00 HOUR	0.0031	0.0030	0.0030
16:00-17:00 HOUR	0.0030	0.0031	0.0030
17:00-18:00 HOUR	0.0030	0.0031	0.0030
18:00-19:00 HOUR	0.0031	0.0031	0.0030
19:00-20:00 HOUR	0.0030	0.0030	0.0030
20:00-21:00 HOUR	0.0030	0.0030	0.0030
21:00-22:00 HOUR	0.0030	0.0029	0.0029
22:00-23:00 HOUR	0.0029	0.0029	0.0029
23:00-00:00 HOUR	0.0030	0.0029	0.0030
00:00-01:00 HOUR	0.0029	0.0029	0.0030
01:00-02:00 HOUR	0.0029	0.0029	0.0029
02:00-03:00 HOUR	0.0030	0.0029	0.0029
03:00-04:00 HOUR	0.0030	0.0029	0.0030
04:00-05:00 HOUR	0.0029	0.0029	0.0030
05:00-06:00 HOUR	0.0029	0.0030	0.0029
06:00-07:00 HOUR	0.0029	0.0029	0.0029
AVERAGE 24 HOUR	0.0030	0.0030	0.0030

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Tel. 0 2 763 2828 Fax 0 2 763 2800 www.uaeconsultant.com E-mail: uae@uaeconsultant.com

เวลา *	RESULT (ppm)			
	SULPHUR DIOXIDE			
	WAT PAPHAI SCHOOL			
	AUGUST 5 - 6, 2023 T23AP370-0011	AUGUST 6 - 7, 2023 T23AP370-0012	AUGUST 7 - 8, 2023 T23AP370-0013	AUGUST 8 - 9, 2023 T23AP370-0014
07:00-08:00 HOUR	0.0029	0.0028	0.0029	0.0029
08:00-09:00 HOUR	0.0029	0.0025	0.0031	0.0029
09:00-10:00 HOUR	0.0027	0.0027	0.0029	0.0028
10:00-11:00 HOUR	0.0025	0.0029	0.0029	0.0028
11:00-12:00 HOUR	0.0026	0.0029	0.0029	0.0029
12:00-13:00 HOUR	0.0028	0.0030	0.0029	0.0028
13:00-14:00 HOUR	0.0029	0.0030	0.0029	0.0029
14:00-15:00 HOUR	0.0029	0.0030	0.0030	0.0028
15:00-16:00 HOUR	0.0028	0.0030	0.0029	0.0028
16:00-17:00 HOUR	0.0027	0.0030	0.0030	0.0029
17:00-18:00 HOUR	0.0027	0.0030	0.0030	0.0029
18:00-19:00 HOUR	0.0027	0.0030	0.0029	0.0028
19:00-20:00 HOUR	0.0027	0.0029	0.0029	0.0027
20:00-21:00 HOUR	0.0027	0.0029	0.0029	0.0027
21:00-22:00 HOUR	0.0028	0.0029	0.0028	0.0027
22:00-23:00 HOUR	0.0029	0.0028	0.0028	0.0026
23:00-00:00 HOUR	0.0029	0.0028	0.0029	0.0027
00:00-01:00 HOUR	0.0029	0.0028	0.0029	0.0028
01:00-02:00 HOUR	0.0029	0.0028	0.0029	0.0028
02:00-03:00 HOUR	0.0029	0.0028	0.0029	0.0028
03:00-04:00 HOUR	0.0029	0.0028	0.0029	0.0028
04:00-05:00 HOUR	0.0028	0.0028	0.0029	0.0028
05:00-06:00 HOUR	0.0028	0.0028	0.0028	0.0028
06:00-07:00 HOUR	0.0028	0.0029	0.0028	0.0028
AVERAGE 24 HOUR	0.0028	0.0029	0.0029	0.0028


(MR. SILA BANJONGJATRAK)
LABORATORY SUPERVISOR

AUGUST 15, 2023

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2023-U067022

- End of Analysis Report -



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Tel. 0 2 763 2828 Fax 0 2 763 2800 www.uaeconsultant.com E-mail: uae@uaeconsultant.com

ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (SCP K5+K6)
CUSTOMER NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED
ADDRESS : 99,219,301 MOO 9,5,5, MITRAPARB ROAD TABKWANG KAENGKOE SARABURI 18260
CONTACT INFORMATION : TEL : 08 1929 1310 e-mail : PIYAWAT.PHOTIMONGKONKUL@SIAMCITYCEMENT.COM
MEASURING PLACE : WAT PAPHAI SCHOOL
MEASURING TYPE : AMBIENT (AIR)
MEASURING DATE : AUGUST 2-9, 2023
MEASURING TIME : *
MEASURING METHOD : WIND SPEED & WIND DIRECTION EQUIPMENT
MEASURED BY : MR UTHAI KAEWRAKMOOK

RECEIVED DATE : AUGUST 2-9, 2023
ANALYTICAL DATE : AUGUST 2-9, 2023
REPORT NO. : 2023-U067026
WORK NO. : 2021-001113
ANALYSIS NO. : T23AP370-0008 - T23AP370-0014

TIME *	RESULT (m/s)					
	WAT PAPHAI SCHOOL					
	AUGUST 2 - 3, 2023		AUGUST 3 - 4, 2023		AUGUST 4 - 5, 2023	
	T23AP370-0008		T23AP370-0009		T23AP370-0010	
	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION
07:00-08:00 HOUR	1.0	NE	1.8	E	1.9	SE
08:00-09:00 HOUR	1.1	E	1.5	E	2.1	SSE
09:00-10:00 HOUR	1.9	E	1.2	E	1.6	SE
10:00-11:00 HOUR	1.8	SE	0.7	SSW	2.3	SSW
11:00-12:00 HOUR	1.6	SSW	1.0	SSW	2.9	SE
12:00-13:00 HOUR	2.0	SSW	0.9	S	3.3	S
13:00-14:00 HOUR	1.8	SSW	0.6	S	3.1	WNW
14:00-15:00 HOUR	2.0	S	0.8	SW	3.2	WNW
15:00-16:00 HOUR	2.4	SSE	1.1	WSW	3.0	SW
16:00-17:00 HOUR	1.9	SSE	0.9	WSW	3.2	SE
17:00-18:00 HOUR	2.3	W	0.8	SW	2.3	ESE
18:00-19:00 HOUR	2.2	SW	1.1	SSW	2.7	SE
19:00-20:00 HOUR	2.9	W	0.7	SW	2.1	NE
20:00-21:00 HOUR	2.5	S	0.8	WSW	2.0	ESE
21:00-22:00 HOUR	3.5	W	1.0	SW	1.1	ENE
22:00-23:00 HOUR	3.3	S	0.8	SW	1.4	S
23:00-00:00 HOUR	3.4	S	0.7	WSW	1.1	WSW
00:00-01:00 HOUR	2.8	W	0.8	SSW	0.9	SSE
01:00-02:00 HOUR	2.5	S	0.7	WSW	0.8	SSW
02:00-03:00 HOUR	2.3	SE	0.6	WSW	0.9	WSW
03:00-04:00 HOUR	3.1	ESE	1.0	SSE	1.5	WSW
04:00-05:00 HOUR	2.3	SE	0.9	S	1.7	SW
05:00-06:00 HOUR	3.1	ESE	0.8	SSE	2.3	WSW
06:00-07:00 HOUR	2.5	E	1.3	SSE	2.1	SW

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TIME *	RESULT (m/s)							
	WAT PAPHAI SCHOOL							
	AUGUST 5 - 6, 2023		AUGUST 6 - 7, 2023		AUGUST 7 - 8, 2023		AUGUST 8 - 9, 2023	
	T23AP370-0011		T23AP370-0012		T23AP370-0013		T23AP370-0014	
	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION
07:00-08:00 HOUR	2.6	WSW	0.8	NE	3.0	ESE	1.2	W
08:00-09:00 HOUR	2.9	WSW	1.3	E	3.1	E	1.2	SW
09:00-10:00 HOUR	2.2	SSW	1.3	SSE	2.0	SE	1.2	SE
10:00-11:00 HOUR	2.9	SSW	2.0	SSE	1.9	E	1.1	SSE
11:00-12:00 HOUR	2.1	S	2.1	SSE	1.4	SE	1.0	SSE
12:00-13:00 HOUR	2.0	SSE	2.2	SSW	1.1	ESE	2.0	SSE
13:00-14:00 HOUR	1.6	E	2.4	SSE	1.5	SE	2.3	SE
14:00-15:00 HOUR	1.6	SE	1.6	SSW	1.5	ESE	2.3	SSE
15:00-16:00 HOUR	0.9	ENE	1.7	W	2.1	ESE	2.5	SE
16:00-17:00 HOUR	0.8	SSW	2.2	SW	2.3	WNW	2.2	SSE
17:00-18:00 HOUR	1.1	SW	1.8	SSW	2.5	WNW	2.3	SE
18:00-19:00 HOUR	1.4	S	3.0	W	2.2	W	1.6	SE
19:00-20:00 HOUR	2.1	SSW	2.8	E	3.3	NW	1.1	W
20:00-21:00 HOUR	2.3	W	3.0	ESE	3.0	W	0.9	SSW
21:00-22:00 HOUR	2.4	S	2.9	SSE	2.3	N	1.0	SSE
22:00-23:00 HOUR	1.6	WNW	1.8	S	3.4	WNW	0.8	SSE
23:00-00:00 HOUR	1.6	WSW	1.5	SSW	3.0	WSW	1.1	SE
00:00-01:00 HOUR	1.2	WSW	1.7	SSW	2.9	WSW	0.7	NE
01:00-02:00 HOUR	1.3	S	1.6	WSW	2.7	WSW	0.8	SSE
02:00-03:00 HOUR	1.1	ENE	2.4	WSW	2.3	SW	0.9	NE
03:00-04:00 HOUR	1.2	E	2.9	SSE	2.3	SW	1.1	NE
04:00-05:00 HOUR	1.0	SSE	2.3	S	2.4	W	0.8	NE
05:00-06:00 HOUR	1.2	NE	2.0	SE	2.1	WNW	0.9	NE
06:00-07:00 HOUR	0.9	E	2.8	ESE	1.6	NW	0.8	ENE

Sila Banjongjairuk

(MR SILA BANJONGJAIRUK)
LABORATORY SUPERVISOR

AUGUST 15, 2023

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2023-U067026

- End of Analysis Report -

ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (SCP KS+K6)
CUSTOMER NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED
ADDRESS : 99/219,301 MOO 9,5,5, MITRAPARK ROAD TABKWANG KAENGROI SARABURI 18260
CONTACT INFORMATION : TEL : 08 1929 1310 e-mail : PIYAWAT.PHOTIMONGKONKUL@SIAMCITYCEMENT.COM
SAMPLING SOURCE : WAT WALUKARAM
SAMPLE TYPE : AMBIENT
SAMPLING DATE : *, **, ***
SAMPLING TIME : *, **, ***
SAMPLING BY : MR UTHAI KAEWRAKMOOK
ANALYZED BY : MISS JETJARAN TUMSA-AT
RECEIVED DATE : AUGUST 10, 2023
ANALYTICAL DATE : AUGUST 10-15, 2023
REPORT NO. : 2023-U068101
WORK NO. : 2021-001113
ANALYSIS NO. : T23AP370-0001 - T23AP370-0003

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		
			WAT WALUKARAM		
			* T23AP370-0001	** T23AP370-0002	*** T23AP370-0003
TOTAL SUSPENDED PARTICULATE	mg/m ³	GRAVIMETRIC (HIGH VOLUME METHOD)	0.031	0.035	0.035
PARTICULATE MATTER (≤ 10 μm)	mg/m ³	GRAVIMETRIC (HIGH VOLUME METHOD)	0.028	0.025	0.021
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 I-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 I-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 AUGUST 2, 2023 TO 10:30 HOUR ON AUGUST 3, 2023.
** : SAMPLING FROM 10:30 HOUR ON AUGUST 3, 2023 TO 10:30 HOUR ON AUGUST 4, 2023.
*** : SAMPLING FROM 10:30 HOUR ON AUGUST 4, 2023 TO 10:30 HOUR ON AUGUST 5, 2023.

Budsakorn ✓
(MISS BUDSAKORN LERDPANUMAS)
LABORATORY SUPERVISOR

AUGUST 21, 2023



ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (SCP KS+K6)
CUSTOMER NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED
ADDRESS : 99/219,301 MOO 9,5,5, MITRAPARK ROAD TABKWANG KAENGROI SARABURI 18260
CONTACT INFORMATION : TEL : 08 1929 1310 e-mail : PIYAWAT.PHOTIMONGKONKUL@SIAMCITYCEMENT.COM
SAMPLING SOURCE : WAT WALUKARAM
SAMPLE TYPE : AMBIENT
SAMPLING DATE : *, **, ***
SAMPLING TIME : *, **, ***
SAMPLING BY : MR UTHAI KAEWRAKMOOK
ANALYZED BY : MISS JETJARAN TUMSA-AT
RECEIVED DATE : AUGUST 10, 2023
ANALYTICAL DATE : AUGUST 10-15, 2023
REPORT NO. : 2023-U068102
WORK NO. : 2021-001113
ANALYSIS NO. : T23AP370-0004 - T23AP370-0007

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT			
			WAT WALUKARAM			
			* T23AP370-0004	** T23AP370-0005	*** T23AP370-0006	**** T23AP370-0007
TOTAL SUSPENDED PARTICULATE	mg/m ³	GRAVIMETRIC (HIGH VOLUME METHOD)	0.031	0.031	0.033	0.031
PARTICULATE MATTER (≤ 10 μm)	mg/m ³	GRAVIMETRIC (HIGH VOLUME METHOD)	0.020	0.019	0.019	0.019
SAMPLE CONDITION			COMPLETE	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 I-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 I-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 AUGUST 5, 2023 TO 10:30 HOUR ON AUGUST 6, 2023.
** : SAMPLING FROM 10:30 HOUR ON AUGUST 6, 2023 TO 10:30 HOUR ON AUGUST 7, 2023.
*** : SAMPLING FROM 10:30 HOUR ON AUGUST 7, 2023 TO 10:30 HOUR ON AUGUST 8, 2023.
**** : SAMPLING FROM 10:30 HOUR ON AUGUST 8, 2023 TO 10:30 HOUR ON AUGUST 9, 2023.

Budsakorn ✓
(MISS BUDSAKORN LERDPANUMAS)
LABORATORY SUPERVISOR

AUGUST 21, 2023





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Tel. 0 2763 2828 Fax 0 2763 2800 www.uaeconsultant.com E-mail: uae@uaeconsultant.com

ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (SCP K5+K6)
CUSTOMER NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED
ADDRESS : 99,219,301 MOO 9,5,5, MITRAPARB ROAD TABKWANG KAENGKOE SARABURI 18260
CONTACT INFORMATION : TEL : 08 1929 1310 e-mail : PIYAWAT.PHOTIMONGKONKUL@SIAMCITYCEMENT.COM
MEASURING PLACE : WAT WALUKARAM
MEASURING TYPE : AMBIENT (AIR)
MEASURING DATE : AUGUST 2-9, 2023
MEASURING TIME : *
MEASURING METHOD : CHEMILUMINESCENCE
MEASURED BY : MR UTHAI KAEWRAKMOCK
RECEIVED DATE : AUGUST 2-9, 2023
ANALYTICAL DATE : AUGUST 2-9, 2023
REPORT NO. : 2023-U067017
WORK NO. : 2021-001113
ANALYSIS NO. : T23AP370-0001 - T23AP370-0007

TIME *	RESULT (ppm)			
	NITROGEN DIOXIDE			
	WAT WALUKARAM			
	AUGUST 2 - 3, 2023 T23AP370-0001	AUGUST 3 - 4, 2023 T23AP370-0002	AUGUST 4 - 5, 2023 T23AP370-0003	
07:00-08:00 HOUR	0.0033	0.0043	0.0039	
08:00-09:00 HOUR	0.0030	0.0028	0.0032	
09:00-10:00 HOUR	0.0023	0.0028	0.0029	
10:00-11:00 HOUR	0.0023	0.0031	0.0023	
11:00-12:00 HOUR	0.0021	0.0042	0.0024	
12:00-13:00 HOUR	0.0029	0.0040	0.0046	
13:00-14:00 HOUR	0.0039	0.0034	0.0033	
14:00-15:00 HOUR	0.0022	0.0025	0.0024	
15:00-16:00 HOUR	0.0030	0.0022	0.0020	
16:00-17:00 HOUR	0.0023	0.0024	0.0050	
17:00-18:00 HOUR	0.0023	0.0024	0.0023	
18:00-19:00 HOUR	0.0027	0.0024	0.0029	
19:00-20:00 HOUR	0.0028	0.0040	0.0037	
20:00-21:00 HOUR	0.0030	0.0028	0.0052	
21:00-22:00 HOUR	0.0020	0.0024	0.0069	
22:00-23:00 HOUR	0.0040	0.0021	0.0055	
23:00-00:00 HOUR	0.0021	0.0024	0.0059	
00:00-01:00 HOUR	0.0030	0.0024	0.0062	
01:00-02:00 HOUR	0.0038	0.0024	0.0053	
02:00-03:00 HOUR	0.0037	0.0027	0.0046	
03:00-04:00 HOUR	0.0038	0.0032	0.0039	
04:00-05:00 HOUR	0.0043	0.0043	0.0042	
05:00-06:00 HOUR	0.0045	0.0048	0.0044	
06:00-07:00 HOUR	0.0049	0.0044	0.0040	



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Tel. 0 2763 2828 Fax 0 2763 2800 www.uaeconsultant.com E-mail: uae@uaeconsultant.com

TIME *	RESULT (ppm)			
	NITROGEN DIOXIDE			
	WAT WALUKARAM			
	AUGUST 5 - 6, 2023 T23AP370-0004	AUGUST 6 - 7, 2023 T23AP370-0005	AUGUST 7 - 8, 2023 T23AP370-0006	AUGUST 8 - 9, 2023 T23AP370-0007
07:00-08:00 HOUR	0.0035	0.0020	0.0032	0.0047
08:00-09:00 HOUR	0.0033	0.0026	0.0027	0.0033
09:00-10:00 HOUR	0.0032	0.0037	0.0023	0.0022
10:00-11:00 HOUR	0.0033	0.0021	0.0024	0.0022
11:00-12:00 HOUR	0.0030	0.0024	0.0025	0.0020
12:00-13:00 HOUR	0.0036	0.0027	0.0042	0.0030
13:00-14:00 HOUR	0.0039	0.0029	0.0055	0.0035
14:00-15:00 HOUR	0.0034	0.0037	0.0030	0.0026
15:00-16:00 HOUR	0.0030	0.0036	0.0023	0.0024
16:00-17:00 HOUR	0.0026	0.0040	0.0026	0.0021
17:00-18:00 HOUR	0.0028	0.0021	0.0029	0.0027
18:00-19:00 HOUR	0.0035	0.0027	0.0044	0.0034
19:00-20:00 HOUR	0.0031	0.0045	0.0053	0.0039
20:00-21:00 HOUR	0.0042	0.0029	0.0061	0.0034
21:00-22:00 HOUR	0.0038	0.0030	0.0052	0.0039
22:00-23:00 HOUR	0.0032	0.0033	0.0046	0.0030
23:00-00:00 HOUR	0.0028	0.0037	0.0047	0.0046
00:00-01:00 HOUR	0.0029	0.0040	0.0044	0.0043
01:00-02:00 HOUR	0.0029	0.0039	0.0053	0.0047
02:00-03:00 HOUR	0.0035	0.0041	0.0060	0.0037
03:00-04:00 HOUR	0.0036	0.0044	0.0061	0.0032
04:00-05:00 HOUR	0.0030	0.0036	0.0060	0.0034
05:00-06:00 HOUR	0.0025	0.0036	0.0060	0.0042
06:00-07:00 HOUR	0.0022	0.0035	0.0058	0.0042

Sila Banjongjairuk

(MR. SILA BANJONGJAIRUK)
LABORATORY SUPERVISOR

AUGUST 15, 2023



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2023-U067017

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Tel. 0 2763 2828 Fax 0 2763 2800 www.uaeconsultant.com E-mail: uae@uaeconsultant.com

ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (SCP K5+K6)
CUSTOMER NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED
ADDRESS : 99,219,301 MOO 9,5,5, MITRAPARB ROAD TABKWANG KAENGKOE SARABURI 18260
CONTACT INFORMATION : TEL : 08 1929 1310 e-mail : PIYAWAT.PHOTIMONGKONKUL@SIAMCITYCEMENT.COM
MEASURING PLACE : WAT WALUKARAM
MEASURING TYPE : AMBIENT (AIR) **RECEIVED DATE** : AUGUST 2-9, 2023
MEASURING DATE : AUGUST 2-9, 2023 **ANALYTICAL DATE** : AUGUST 2-9, 2023
MEASURING TIME : * **REPORT NO.** : 2023-U067021
MEASURING METHOD : UV FLUORESCENCE **WORK NO.** : 2021-001113
MEASURED BY : MR UTHAI KAEWRAMOOK **ANALYSIS NO.** : T23AP370-0001 - T23AP370-0007

วันที่ เวลา *	RESULT (ppm)		
	SULPHUR DIOXIDE		
	WAT WALUKARAM		
	AUGUST 2 - 3, 2023 T23AP370-0001	AUGUST 3 - 4, 2023 T23AP370-0002	AUGUST 4 - 5, 2023 T23AP370-0003
07:00-08:00 HOUR	0.0028	0.0028	0.0028
08:00-09:00 HOUR	0.0027	0.0027	0.0028
09:00-10:00 HOUR	0.0028	0.0028	0.0027
10:00-11:00 HOUR	0.0027	0.0028	0.0027
11:00-12:00 HOUR	0.0028	0.0028	0.0028
12:00-13:00 HOUR	0.0028	0.0028	0.0028
13:00-14:00 HOUR	0.0028	0.0028	0.0028
14:00-15:00 HOUR	0.0028	0.0028	0.0028
15:00-16:00 HOUR	0.0028	0.0029	0.0027
16:00-17:00 HOUR	0.0028	0.0028	0.0029
17:00-18:00 HOUR	0.0028	0.0028	0.0028
18:00-19:00 HOUR	0.0028	0.0028	0.0028
19:00-20:00 HOUR	0.0027	0.0028	0.0027
20:00-21:00 HOUR	0.0028	0.0028	0.0028
21:00-22:00 HOUR	0.0028	0.0028	0.0029
22:00-23:00 HOUR	0.0027	0.0028	0.0028
23:00-00:00 HOUR	0.0027	0.0028	0.0028
00:00-01:00 HOUR	0.0028	0.0027	0.0028
01:00-02:00 HOUR	0.0028	0.0027	0.0028
02:00-03:00 HOUR	0.0028	0.0028	0.0028
03:00-04:00 HOUR	0.0027	0.0028	0.0028
04:00-05:00 HOUR	0.0028	0.0027	0.0028
05:00-06:00 HOUR	0.0028	0.0028	0.0028
06:00-07:00 HOUR	0.0028	0.0028	0.0027
AVERAGE 24 HOUR	0.0028	0.0028	0.0028

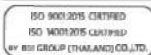


United Analyst and Engineering Consultant Co., Ltd.
3 Soi Udomsuk 41, Sukhumvit Road, Bangchak, Phra Khanong, Bangkok 10260
Tel. 0 2763 2828 Fax 0 2763 2800 www.uaeconsultant.com E-mail: uae@uaeconsultant.com

วันที่ เวลา *	RESULT (ppm)			
	SULPHUR DIOXIDE			
	WAT WALUKARAM			
	AUGUST 5 - 6, 2023 T23AP370-0004	AUGUST 6 - 7, 2023 T23AP370-0005	AUGUST 7 - 8, 2023 T23AP370-0006	AUGUST 8 - 9, 2023 T23AP370-0007
07:00-08:00 HOUR	0.0028	0.0029	0.0027	0.0028
08:00-09:00 HOUR	0.0028	0.0028	0.0029	0.0029
09:00-10:00 HOUR	0.0028	0.0028	0.0028	0.0028
10:00-11:00 HOUR	0.0028	0.0028	0.0028	0.0028
11:00-12:00 HOUR	0.0028	0.0028	0.0029	0.0028
12:00-13:00 HOUR	0.0028	0.0028	0.0029	0.0028
13:00-14:00 HOUR	0.0029	0.0028	0.0028	0.0028
14:00-15:00 HOUR	0.0027	0.0028	0.0028	0.0029
15:00-16:00 HOUR	0.0028	0.0028	0.0029	0.0029
16:00-17:00 HOUR	0.0028	0.0028	0.0028	0.0029
17:00-18:00 HOUR	0.0029	0.0028	0.0029	0.0028
18:00-19:00 HOUR	0.0029	0.0028	0.0027	0.0029
19:00-20:00 HOUR	0.0028	0.0028	0.0028	0.0028
20:00-21:00 HOUR	0.0029	0.0028	0.0028	0.0028
21:00-22:00 HOUR	0.0028	0.0027	0.0028	0.0028
22:00-23:00 HOUR	0.0028	0.0028	0.0028	0.0028
23:00-00:00 HOUR	0.0028	0.0028	0.0027	0.0028
00:00-01:00 HOUR	0.0028	0.0028	0.0028	0.0028
01:00-02:00 HOUR	0.0028	0.0028	0.0028	0.0030
02:00-03:00 HOUR	0.0028	0.0028	0.0028	0.0029
03:00-04:00 HOUR	0.0028	0.0028	0.0029	0.0028
04:00-05:00 HOUR	0.0028	0.0028	0.0029	0.0028
05:00-06:00 HOUR	0.0028	0.0028	0.0028	0.0028
06:00-07:00 HOUR	0.0028	0.0028	0.0029	0.0027
AVERAGE 24 HOUR	0.0028	0.0028	0.0028	0.0028

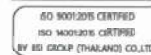

(MR. SILA BANJONGJAIRUK)
LABORATORY SUPERVISOR

AUGUST 15, 2023



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2023-0067021

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Tel.0 2/763 2828 Fax 0 2/763 2800 www.uaeconsultant.com E-mail: uae@uaeconsultant.com

ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (SCP K5+K6)
CUSTOMER NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED
ADDRESS : 99,219,301 MOU 9,5,5, MITRAPARAB ROAD TABKWANG KAENGKOTI SARABURI 18260
CONTACT INFORMATION : TEL : 08 1929 1310 e-mail : PIYAWAT.PHOTIMONGKONKUL@SIAMCITYCEMENT.COM
MEASURING PLACE : WAT WALUKARAM
MEASURING TYPE : AMBIENT (AIR)
MEASURING DATE : AUGUST 2-9, 2023
MEASURING TIME : *
MEASURING METHOD : WIND SPEED & WIND DIRECTION EQUIPMENT
MEASURED BY : MR UTHAI KAEWRAMOOK

RECEIVED DATE : AUGUST 2-9, 2023
ANALYTICAL DATE : AUGUST 2-9, 2023
REPORT NO. : 2023-U067025
WORK NO. : 2021-001113
ANALYSIS NO. : T23AP370-0001 - T23AP370-0007

TIME *	RESULT (m/s)					
	WAT WALUKARAM					
	AUGUST 2 - 3, 2023		AUGUST 3 - 4, 2023		AUGUST 4 - 5, 2023	
	T23AP370-0001		T23AP370-0002		T23AP370-0003	
	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION
07:00-08:00 HOUR	1.2	NW	2.0	SSW	0.9	ESE
08:00-09:00 HOUR	1.1	WNW	2.8	S	1.0	ESE
09:00-10:00 HOUR	1.2	NW	2.6	E	0.8	SE
10:00-11:00 HOUR	2.0	WNW	3.4	WNW	1.6	ESE
11:00-12:00 HOUR	1.4	WSW	3.6	WNW	2.0	SSE
12:00-13:00 HOUR	1.7	WSW	2.4	NNW	2.3	SSW
13:00-14:00 HOUR	2.0	W	2.3	NW	3.3	SSW
14:00-15:00 HOUR	1.9	WSW	2.1	WNW	2.5	S
15:00-16:00 HOUR	1.1	WNW	3.3	N	2.5	SE
16:00-17:00 HOUR	1.3	WSW	2.6	WSW	3.3	ESE
17:00-18:00 HOUR	0.6	WSW	2.9	WSW	2.4	ENE
18:00-19:00 HOUR	0.9	SSW	2.7	SW	2.8	ENE
19:00-20:00 HOUR	0.7	SSW	1.8	W	2.3	ENE
20:00-21:00 HOUR	0.9	SW	2.2	WNW	3.4	ENE
21:00-22:00 HOUR	1.4	SW	2.1	W	2.8	SE
22:00-23:00 HOUR	2.0	SW	1.9	WSW	3.5	SSE
23:00-00:00 HOUR	2.3	SSW	1.3	SW	3.3	WSW
00:00-01:00 HOUR	2.7	SW	1.3	SSW	3.0	W
01:00-02:00 HOUR	2.1	W	1.6	SW	2.2	WSW
02:00-03:00 HOUR	2.8	W	1.2	ESE	2.7	WSW
03:00-04:00 HOUR	2.5	SW	1.0	E	2.6	SSE
04:00-05:00 HOUR	2.1	SW	1.2	NE	2.3	SW
05:00-06:00 HOUR	1.8	SW	1.0	NE	2.7	SSE
06:00-07:00 HOUR	2.0	S	0.8	NE	2.8	NE

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TIME *	RESULT (m/s)							
	WAT WALUKARAM							
	AUGUST 5 - 6, 2023		AUGUST 6 - 7, 2023		AUGUST 7 - 8, 2023		AUGUST 8 - 9, 2023	
	T23AP370-0004		T23AP370-0005		T23AP370-0006		T23AP370-0007	
	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION
07:00-08:00 HOUR	3.5	SE	1.7	E	1.7	SSE	2.6	NE
08:00-09:00 HOUR	2.6	NNE	2.2	E	1.4	ESE	2.3	ENE
09:00-10:00 HOUR	2.4	ENE	2.1	E	0.7	ENE	3.0	ENE
10:00-11:00 HOUR	2.7	ENE	2.3	E	1.1	ENE	3.1	ENE
11:00-12:00 HOUR	3.3	ESE	2.2	E	1.2	NE	2.7	ENE
12:00-13:00 HOUR	2.5	SSW	1.8	ESE	0.9	NNE	3.0	S
13:00-14:00 HOUR	3.2	S	2.1	E	1.0	NE	2.4	E
14:00-15:00 HOUR	2.5	SE	1.9	ESE	1.6	NE	3.5	SSW
15:00-16:00 HOUR	3.5	SSW	2.0	ESE	1.4	NNE	3.0	W
16:00-17:00 HOUR	2.8	SW	1.7	E	1.6	SW	3.5	SW
17:00-18:00 HOUR	3.3	SW	2.3	ESE	2.1	WSW	3.0	SSW
18:00-19:00 HOUR	3.1	WSW	2.6	E	1.9	SW	2.2	W
19:00-20:00 HOUR	2.3	SW	3.1	ESE	1.5	WSW	2.5	WSW
20:00-21:00 HOUR	3.4	SW	3.2	SE	1.6	W	1.8	SW
21:00-22:00 HOUR	2.8	NW	2.8	SSW	1.8	SW	2.4	W
22:00-23:00 HOUR	3.0	NW	3.4	SW	1.5	WSW	1.6	SW
23:00-00:00 HOUR	2.2	W	2.3	WNW	2.0	S	1.3	W
00:00-01:00 HOUR	2.3	WSW	3.5	W	2.0	S	1.2	W
01:00-02:00 HOUR	2.6	S	2.3	WNW	2.2	SSE	1.1	W
02:00-03:00 HOUR	2.0	E	2.6	WNW	2.4	SE	0.7	WNW
03:00-04:00 HOUR	2.4	E	2.5	WNW	2.0	E	1.0	NW
04:00-05:00 HOUR	2.0	ESE	2.6	W	1.9	NE	1.7	NNW
05:00-06:00 HOUR	1.6	E	1.7	SW	1.5	NNE	1.5	NNW
06:00-07:00 HOUR	2.3	ENE	1.6	S	2.5	NNE	2.2	NNW

Sila Banjongjairuk

(MR SILA BANJONGJAIRUK)
LABORATORY SUPERVISOR

AUGUST 15, 2023

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* THIS ANALYSIS REPORT APPROVES ONLY FOR SUBMITTED SAMPLES.

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2023-U067025

- End of Analysis Report -

ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (SCP K5+K6)
CUSTOMER NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED
ADDRESS : 99,219,301 MOO 9,5,5, MITRAPARB ROAD TABKWANG KAENGKOL SARABURI 18260
CONTACT INFORMATION : TEL : 08 1929 1310 e-mail : PIYAWAT.PHOTIMONGKONKUL@SIAMCITYCEMENT.COM
SAMPLING SOURCE : WAT TUBKWANG
SAMPLE TYPE : AMBIENT
SAMPLING DATE : *, **, ***
SAMPLING TIME : *, **, ***
SAMPLING BY : MR UTHAI KAEWRAKMOOK
ANALYZED BY : MISS JETJARN TUMSA-AT

RECEIVED DATE : SEPTEMBER 26, 2023
ANALYTICAL DATE : SEPTEMBER 26-OCTOBER 2, 2023
REPORT NO. : 2023-U084471
WORK NO. : 2021-001113
ANALYSIS NO. : T23AT093-0008 - T23AT093-U010

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		
			WAT TUBKWANG		
			* T23AT093-0008	** T23AT093-0009	*** T23AT093-0010
TOTAL SUSPENDED PARTICULATE	mg/m ³	GRAVIMETRIC (HIGH VOLUME METHOD)	0.057	0.096	0.077
PARTICULATE MATTER (≤ 10 μm)	mg/m ³	GRAVIMETRIC (HIGH VOLUME METHOD)	0.027	0.057	0.038
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 I-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 I-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 SEPTEMBER 18, 2023 TO 09:00 HOUR ON SEPTEMBER 19, 2023.
** : SAMPLING FROM 09:00 HOUR ON SEPTEMBER 19, 2023 TO 09:00 HOUR ON SEPTEMBER 20, 2023.
*** : SAMPLING FROM 09:00 HOUR ON SEPTEMBER 20, 2023 TO 09:00 HOUR ON SEPTEMBER 21, 2023.

Budsakorn ✓
(MISS BUDSAKORN LERDPANUMAS)
LABORATORY SUPERVISOR

OCTOBER 4, 2023



ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (SCP K5+K6)
CUSTOMER NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED
ADDRESS : 99,219,301 MOO 9,5,5, MITRAPARB ROAD TABKWANG KAENGKOL SARABURI 18260
CONTACT INFORMATION : TEL : 08 1929 1310 e-mail : PIYAWAT.PHOTIMONGKONKUL@SIAMCITYCEMENT.COM
SAMPLING SOURCE : WAT TUBKWANG
SAMPLE TYPE : AMBIENT
SAMPLING DATE : *, **, ***
SAMPLING TIME : *, **, ***
SAMPLING BY : MR UTHAI KAEWRAKMOOK
ANALYZED BY : MISS JETJARN TUMSA-AT

RECEIVED DATE : SEPTEMBER 26, 2023
ANALYTICAL DATE : SEPTEMBER 26-OCTOBER 2, 2023
REPORT NO. : 2023-U084474
WORK NO. : 2021-001113
ANALYSIS NO. : T23AT093-0011 - T23AT093-0014

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT			
			WAT TUBKWANG			
			* T23AT093-0011	** T23AT093-0012	*** T23AT093-0013	**** T23AT093-0014
TOTAL SUSPENDED PARTICULATE	mg/m ³	GRAVIMETRIC (HIGH VOLUME METHOD)	0.061	0.083	0.067	0.094
PARTICULATE MATTER (≤ 10 μm)	mg/m ³	GRAVIMETRIC (HIGH VOLUME METHOD)	0.032	0.043	0.052	0.046
SAMPLE CONDITION			COMPLETE	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 I-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 I-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 SEPTEMBER 21, 2023 TO 09:00 HOUR ON SEPTEMBER 22, 2023.
** : SAMPLING FROM 09:00 HOUR ON SEPTEMBER 22, 2023 TO 09:00 HOUR ON SEPTEMBER 23, 2023.
*** : SAMPLING FROM 09:00 HOUR ON SEPTEMBER 23, 2023 TO 09:00 HOUR ON SEPTEMBER 24, 2023.
**** : SAMPLING FROM 09:00 HOUR ON SEPTEMBER 24, 2023 TO 09:00 HOUR ON SEPTEMBER 25, 2023.

Budsakorn ✓
(MISS BUDSAKORN LERDPANUMAS)
LABORATORY SUPERVISOR

OCTOBER 4, 2023



ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (SCP KS+K6)
CUSTOMER NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED
ADDRESS : 99,219,301 MOO 9,5,5, MITRAPARB ROAD TABKWANG KAENGKROI SARABURI 18260
CONTACT INFORMATION : TEL : 08 1929 1310 e-mail : PIYAWAT.PHOTIMONGKONKUL@SIAMCITYCEMENT.COM
MEASURING PLACE : WAT TUBKWANG
MEASURING TYPE : AMBIENT (AIR) **RECEIVED DATE** : SEPTEMBER 18-25, 2023
MEASURING DATE : SEPTEMBER 18-25, 2023 **ANALYTICAL DATE** : SEPTEMBER 18-25, 2023
MEASURING TIME : * **REPORT NO.** : 2023-U084459
MEASURING METHOD : CHEMILUMINESCENCE **WORK NO.** : 2021-001113
MEASURED BY : MR UTHAI KAEWRAMOOK **ANALYSIS NO.** : T23AT093-0008 - T23AT093-0014

TIME *	RESULT (ppm)		
	NITROGEN DIOXIDE		
	WAT TUBKWANG		
	SEPTEMBER 18-19, 2023 T23AT093-0008	SEPTEMBER 19-20, 2023 T23AT093-0009	SEPTEMBER 20-21, 2023 T23AT093-0010
07:00-08:00 HOUR	0.0273	0.0245	0.0285
08:00-09:00 HOUR	0.0237	0.0220	0.0243
09:00-10:00 HOUR	0.0210	0.0178	0.0204
10:00-11:00 HOUR	0.0175	0.0172	0.0147
11:00-12:00 HOUR	0.0156	0.0169	0.0129
12:00-13:00 HOUR	0.0147	0.0172	0.0124
13:00-14:00 HOUR	0.0158	0.0176	0.0136
14:00-15:00 HOUR	0.0164	0.0196	0.0154
15:00-16:00 HOUR	0.0196	0.0217	0.0201
16:00-17:00 HOUR	0.0230	0.0225	0.0222
17:00-18:00 HOUR	0.0268	0.0228	0.0242
18:00-19:00 HOUR	0.0285	0.0240	0.0248
19:00-20:00 HOUR	0.0295	0.0267	0.0275
20:00-21:00 HOUR	0.0305	0.0262	0.0267
21:00-22:00 HOUR	0.0289	0.0252	0.0257
22:00-23:00 HOUR	0.0292	0.0237	0.0228
23:00-00:00 HOUR	0.0269	0.0236	0.0222
00:00-01:00 HOUR	0.0274	0.0241	0.0200
01:00-02:00 HOUR	0.0231	0.0250	0.0210
02:00-03:00 HOUR	0.0241	0.0265	0.0215
03:00-04:00 HOUR	0.0214	0.0284	0.0228
04:00-05:00 HOUR	0.0258	0.0281	0.0224
05:00-06:00 HOUR	0.0249	0.0297	0.0257
06:00-07:00 HOUR	0.0290	0.0278	0.0277



TIME *	RESULT (ppm)			
	NITROGEN DIOXIDE			
	WAT TUBKWANG			
	SEPTEMBER 21-22, 2023 T23AT093-0011	SEPTEMBER 22-23, 2023 T23AT093-0012	SEPTEMBER 23-24, 2023 T23AT093-0013	SEPTEMBER 24-25, 2023 T23AT093-0014
07:00-08:00 HOUR	0.0274	0.0266	0.0292	0.0268
08:00-09:00 HOUR	0.0227	0.0228	0.0257	0.0222
09:00-10:00 HOUR	0.0188	0.0193	0.0187	0.0172
10:00-11:00 HOUR	0.0166	0.0179	0.0155	0.0161
11:00-12:00 HOUR	0.0169	0.0167	0.0144	0.0152
12:00-13:00 HOUR	0.0173	0.0166	0.0139	0.0171
13:00-14:00 HOUR	0.0193	0.0188	0.0142	0.0188
14:00-15:00 HOUR	0.0189	0.0204	0.0165	0.0202
15:00-16:00 HOUR	0.0226	0.0222	0.0204	0.0227
16:00-17:00 HOUR	0.0241	0.0227	0.0238	0.0260
17:00-18:00 HOUR	0.0274	0.0232	0.0239	0.0269
18:00-19:00 HOUR	0.0268	0.0245	0.0247	0.0284
19:00-20:00 HOUR	0.0296	0.0263	0.0247	0.0280
20:00-21:00 HOUR	0.0306	0.0277	0.0252	0.0297
21:00-22:00 HOUR	0.0306	0.0298	0.0236	0.0291
22:00-23:00 HOUR	0.0282	0.0308	0.0217	0.0289
23:00-00:00 HOUR	0.0284	0.0324	0.0216	0.0266
00:00-01:00 HOUR	0.0285	0.0309	0.0205	0.0242
01:00-02:00 HOUR	0.0282	0.0302	0.0206	0.0234
02:00-03:00 HOUR	0.0263	0.0312	0.0198	0.0238
03:00-04:00 HOUR	0.0258	0.0319	0.0201	0.0258
04:00-05:00 HOUR	0.0257	0.0298	0.0232	0.0254
05:00-06:00 HOUR	0.0280	0.0274	0.0272	0.0265
06:00-07:00 HOUR	0.0282	0.0294	0.0300	0.0248

Sila Banjongjatrak

(MR. SILA BANJONGJATRAK)
 LABORATORY SUPERVISOR

OCTOBER 4, 2023

ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (SCP K5+K6)
CUSTOMER NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED
ADDRESS : 99,219,301 MOO 9,5,5, MITRAPARB ROAD TABKWANG KAENGKOI SARABURI 18260
CONTACT INFORMATION : TEL : 08 1929 1310 e-mail : PIYAWAT.PHOTIMONGKONKUL@SIAMCITYCEMENT.COM
MEASURING PLACE : WAT TUBKWANG
MEASURING TYPE : AMBIENT (AUK)
MEASURING DATE : SEPTEMBER 18-25, 2023
MEASURING TIME : *
MEASURING METHOD : UV FLUORESCENCE
MEASURED BY : MR LUTHAI KAEWRAKMOOK

RECEIVED DATE : SEPTEMBER 18-25, 2023
ANALYTICAL DATE : SEPTEMBER 18-25, 2023
REPORT NO. : 2023-U084490
WORK NO. : 2021-601113
ANALYSIS NO. : T23AT093-0008 - T23AT093-0014

วันที่ *	RESULT (ppm)		
	SULPHUR DIOXIDE		
	WAT TUBKWANG		
	SEPTEMBER 18 - 19, 2023 T23AT093-0008	SEPTEMBER 19 - 20, 2023 T23AT093-0009	SEPTEMBER 20 - 21, 2023 T23AT093-0010
07:00-08:00 HOUR	0.0033	0.0027	0.0033
08:00-09:00 HOUR	0.0029	0.0028	0.0031
09:00-10:00 HOUR	0.0029	0.0027	0.0030
10:00-11:00 HOUR	0.0033	0.0026	0.0030
11:00-12:00 HOUR	0.0034	0.0026	0.0031
12:00-13:00 HOUR	0.0033	0.0029	0.0032
13:00-14:00 HOUR	0.0034	0.0033	0.0034
14:00-15:00 HOUR	0.0037	0.0034	0.0037
15:00-16:00 HOUR	0.0041	0.0036	0.0042
16:00-17:00 HOUR	0.0042	0.0036	0.0046
17:00-18:00 HOUR	0.0038	0.0034	0.0042
18:00-19:00 HOUR	0.0036	0.0030	0.0041
19:00-20:00 HOUR	0.0032	0.0030	0.0037
20:00-21:00 HOUR	0.0031	0.0032	0.0035
21:00-22:00 HOUR	0.0029	0.0031	0.0028
22:00-23:00 HOUR	0.0028	0.0032	0.0026
23:00-00:00 HOUR	0.0028	0.0033	0.0026
00:00-01:00 HOUR	0.0028	0.0036	0.0027
01:00-02:00 HOUR	0.0029	0.0040	0.0026
02:00-03:00 HOUR	0.0029	0.0040	0.0027
03:00-04:00 HOUR	0.0032	0.0041	0.0031
04:00-05:00 HOUR	0.0035	0.0038	0.0037
05:00-06:00 HOUR	0.0036	0.0037	0.0038
06:00-07:00 HOUR	0.0033	0.0035	0.0035
AVERAGE 24 HOUR	0.0033	0.0033	0.0033



วันที่ *	RESULT (ppm)			
	SULPHUR DIOXIDE			
	WAT TUBKWANG			
	SEPTEMBER 21 - 22, 2023 T23AT093-0011	SEPTEMBER 22 - 23, 2023 T23AT093-0012	SEPTEMBER 23 - 24, 2023 T23AT093-0013	SEPTEMBER 24 - 25, 2023 T23AT093-0014
07:00-08:00 HOUR	0.0028	0.0026	0.0030	0.0036
08:00-09:00 HOUR	0.0026	0.0024	0.0025	0.0029
09:00-10:00 HOUR	0.0026	0.0023	0.0021	0.0029
10:00-11:00 HOUR	0.0027	0.0026	0.0022	0.0028
11:00-12:00 HOUR	0.0026	0.0026	0.0024	0.0030
12:00-13:00 HOUR	0.0026	0.0027	0.0030	0.0030
13:00-14:00 HOUR	0.0028	0.0028	0.0033	0.0032
14:00-15:00 HOUR	0.0029	0.0029	0.0038	0.0037
15:00-16:00 HOUR	0.0028	0.0031	0.0037	0.0037
16:00-17:00 HOUR	0.0027	0.0036	0.0036	0.0038
17:00-18:00 HOUR	0.0031	0.0041	0.0045	0.0034
18:00-19:00 HOUR	0.0033	0.0048	0.0036	0.0033
19:00-20:00 HOUR	0.0033	0.0041	0.0042	0.0027
20:00-21:00 HOUR	0.0031	0.0042	0.0044	0.0025
21:00-22:00 HOUR	0.0028	0.0045	0.0048	0.0023
22:00-23:00 HOUR	0.0029	0.0040	0.0045	0.0021
23:00-00:00 HOUR	0.0030	0.0035	0.0042	0.0020
00:00-01:00 HOUR	0.0031	0.0032	0.0041	0.0019
01:00-02:00 HOUR	0.0029	0.0029	0.0039	0.0020
02:00-03:00 HOUR	0.0028	0.0028	0.0041	0.0020
03:00-04:00 HOUR	0.0029	0.0030	0.0040	0.0021
04:00-05:00 HOUR	0.0032	0.0035	0.0043	0.0026
05:00-06:00 HOUR	0.0032	0.0038	0.0043	0.0028
06:00-07:00 HOUR	0.0030	0.0036	0.0039	0.0035
AVERAGE 24 HOUR	0.0029	0.0033	0.0036	0.0028



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Tel.0 2763 2828 Fax 0 2763 2800 www.uaec consultant.com E-mail: uae@uaec consultant.com

ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (SCP K5+K6)
CUSTOMER NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED
ADDRESS : 99,219,301 MOO 9,5,5, MITRAPARB ROAD TABKWANG KAENGKOI SARABURI 18260
CONTACT INFORMATION : TEL : 08 1929 1310 e-mail : PIYAWAT.PHOTIMONGKONKUL@SIAMCITYCEMENT.COM
MEASURING PLACE : WAT TUBKWANG
MEASURING TYPE : AMBIENT (AIR) **RECEIVED DATE** : SEPTEMBER 18-25, 2023
MEASURING DATE : SEPTEMBER 18-25, 2023 **ANALYTICAL DATE** : SEPTEMBER 18-25, 2023
MEASURING TIME : * **REPORT NO.** : 2023-U084498
MEASURING METHOD : WIND SPEED & WIND DIRECTION EQUIPMENT **WORK NO.** : 2021-001113
MEASURED BY : MR LUTHAI KAEWRAKMOOK **ANALYSIS NO.** : T23AT093-0008 - T23AT093-0014

TIME #	RESULT (m/s)					
	WAT TUBKWANG					
	SEPTEMBER 18-19, 2023		SEPTEMBER 19-20, 2023		SEPTEMBER 20-21, 2023	
	T23AT093-0008		T23AT093-0009		T23AT093-0010	
	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION
07:00-08:00 HOUR	1.9	ESE	1.6	SSW	1.9	SE
08:00-09:00 HOUR	2.8	SSE	1.6	SSW	2.2	S
09:00-10:00 HOUR	3.4	SSE	2.6	WSW	1.6	S
10:00-11:00 HOUR	3.1	SW	3.5	SE	1.5	SSW
11:00-12:00 HOUR	3.1	W	2.0	SSE	1.5	SSW
12:00-13:00 HOUR	2.4	WSW	1.7	W	1.2	WSW
13:00-14:00 HOUR	3.5	WNW	1.5	W	0.8	ESE
14:00-15:00 HOUR	3.1	W	1.3	WSW	0.8	SE
15:00-16:00 HOUR	3.2	NNW	1.4	N	1.0	SE
16:00-17:00 HOUR	2.9	NW	1.2	NNW	0.9	S
17:00-18:00 HOUR	2.5	WSW	1.5	NW	0.7	SSE
18:00-19:00 HOUR	3.2	WSW	1.4	WNW	1.1	S
19:00-20:00 HOUR	2.2	WSW	1.8	NW	1.0	S
20:00-21:00 HOUR	3.4	SSW	1.7	WNW	1.1	SSW
21:00-22:00 HOUR	3.2	SSE	2.1	WSW	1.6	SSE
22:00-23:00 HOUR	3.4	SSE	2.2	W	1.5	SSW
23:00-00:00 HOUR	3.0	ESE	2.3	SW	2.6	WNW
00:00-01:00 HOUR	2.3	E	2.8	WSW	2.3	SW
01:00-02:00 HOUR	2.5	E	2.6	SSW	2.5	N
02:00-03:00 HOUR	1.9	ENE	2.7	SSE	2.3	NW
03:00-04:00 HOUR	1.7	E	2.8	ESE	3.2	NW
04:00-05:00 HOUR	1.3	SE	1.8	SE	2.3	WNW
05:00-06:00 HOUR	1.3	SE	2.0	E	2.4	WNW
06:00-07:00 HOUR	0.8	SSW	2.3	ESE	1.5	W

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* THIS ANALYSIS REPORT APPROVES ONLY FOR SUBMITTED SAMPLES.

1/2



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3 Soi Udomsuk 41, Sukhumvit Road, Bangchak, Phrakhanong, Bangkok 10260
Tel.0 2763 2828 Fax 0 2763 2800 www.uaec consultant.com E-mail: uae@uaec consultant.com

TIME #	RESULT (m/s)							
	WAT TUBKWANG							
	SEPTEMBER 21-22, 2023		SEPTEMBER 22-23, 2023		SEPTEMBER 23-24, 2023		SEPTEMBER 24-25, 2023	
	T23AT093-0011		T23AT093-0012		T23AT093-0013		T23AT093-0014	
	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION
07:00-08:00 HOUR	1.4	SW	2.2	NNW	1.7	WSW	2.9	NE
08:00-09:00 HOUR	1.9	WSW	1.9	WNW	2.0	WSW	3.3	ENE
09:00-10:00 HOUR	2.0	SW	1.8	S	1.8	ESE	3.0	ESE
10:00-11:00 HOUR	1.5	W	1.8	SW	2.3	ESE	3.4	ESE
11:00-12:00 HOUR	2.2	WNW	1.5	SSE	1.6	E	2.2	SE
12:00-13:00 HOUR	2.1	W	1.7	SE	2.1	E	3.4	S
13:00-14:00 HOUR	1.5	NNW	2.1	SSE	2.0	NE	3.2	SSE
14:00-15:00 HOUR	2.0	NNW	1.6	SE	1.4	NNE	3.0	S
15:00-16:00 HOUR	1.8	NW	2.0	S	1.9	N	2.3	WSW
16:00-17:00 HOUR	1.5	S	1.9	S	1.7	NNW	2.9	SW
17:00-18:00 HOUR	1.6	SSE	2.2	S	2.7	W	2.6	SSW
18:00-19:00 HOUR	2.0	SW	3.4	S	3.3	WNW	2.9	SW
19:00-20:00 HOUR	1.6	WSW	2.9	NNW	2.7	S	3.2	NNW
20:00-21:00 HOUR	2.3	WSW	3.7	W	3.3	SSE	2.9	S
21:00-22:00 HOUR	2.1	WSW	3.1	NNW	2.7	SSW	2.5	NNW
22:00-23:00 HOUR	2.3	NW	3.7	WSW	2.7	ESE	3.4	SE
23:00-00:00 HOUR	1.8	W	3.2	SSE	3.8	ENE	2.7	SE
00:00-01:00 HOUR	2.0	WNW	3.1	SW	3.8	E	2.7	NE
01:00-02:00 HOUR	2.3	WSW	3.0	SSW	3.9	ENE	3.4	SE
02:00-03:00 HOUR	3.7	WNW	3.3	SSE	2.9	NE	2.0	NNE
03:00-04:00 HOUR	3.1	N	2.8	S	3.2	NNE	3.0	NE
04:00-05:00 HOUR	2.3	SW	2.6	S	3.5	NE	3.2	NNE
05:00-06:00 HOUR	3.1	NNW	2.4	SSW	2.6	NNE	3.1	NNE
06:00-07:00 HOUR	2.5	WNW	1.7	SW	3.2	E	3.6	NNE



(MR. SILA BANJONGJAIRUK)
LABORATORY SUPERVISOR

OCTOBER 4, 2023

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2023-U084498

- End of Analysis Report -

ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (SCP K5+K6)
CUSTOMER NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED
ADDRESS : 99,219,301 MOO 9,5,5, MITRAPARK ROAD TAIKWANG KAENGKROI SARABURI 18260
CONTACT INFORMATION : TEL : 08 1929 1310 e-mail : PIYAWAT.PHOTIMONGKONKUL@SIAMCITYCEMENT.COM
SAMPLING SOURCE : TUBKWANG LIVESTOCK AND BLEEDING CENTER
SAMPLE TYPE : AMBIENT
SAMPLING DATE : *, **, ***
SAMPLING TIME : *, **, ***
SAMPLING BY : MR UTHAI KAEWRAKMOOK
ANALYZED BY : MISS JETJARN TUMSA-AT

RECEIVED DATE : SEPTEMBER 26, 2023
ANALYTICAL DATE : SEPTEMBER 26-OCTOBER 2, 2023
REPORT NO. : 2023-U084476
WORK NO. : 2021-001113
ANALYSIS NO. : T23AT093-0015 - T23AT093-0017

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT			
			TUBKWANG LIVESTOCK AND BLEEDING CENTER			
			*	**	***	****
TOTAL SUSPENDED PARTICULATE	mg/m ³	GRAVIMETRIC (HIGH VOLUME METHOD)	T23AT093-0015	T23AT093-0016	T23AT093-0017	
			0.035	0.090	0.080	
PARTICULATE MATTER (≤ 10 µm)	mg/m ³	GRAVIMETRIC (HIGH VOLUME METHOD)				
			0.021	0.038	0.036	
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 I-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 I-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 09:30 HOUR ON SEPTEMBER 18, 2023 TO 09:30 HOUR ON SEPTEMBER 19, 2023.
** : SAMPLING FROM 09:30 HOUR ON SEPTEMBER 19, 2023 TO 09:30 HOUR ON SEPTEMBER 20, 2023.
*** : SAMPLING FROM 09:30 HOUR ON SEPTEMBER 20, 2023 TO 09:30 HOUR ON SEPTEMBER 21, 2023.

Budsakorn ✓
(MISS BUDSAKORN LERDPANUMAS)
LABORATORY SUPERVISOR

OCTOBER 4, 2023



ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (SCP K5+K6)
CUSTOMER NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED
ADDRESS : 99,219,301 MOO 9,5,5, MITRAPARK ROAD TAIKWANG KAENGKROI SARABURI 18260
CONTACT INFORMATION : TEL : 08 1929 1310 e-mail : PIYAWAT.PHOTIMONGKONKUL@SIAMCITYCEMENT.COM
SAMPLING SOURCE : TUBKWANG LIVESTOCK AND BLEEDING CENTER
SAMPLE TYPE : AMBIENT
SAMPLING DATE : *, **, ***
SAMPLING TIME : *, **, ***
SAMPLING BY : MR UTHAI KAEWRAKMOOK
ANALYZED BY : MISS JETJARN TUMSA-AT

RECEIVED DATE : SEPTEMBER 26, 2023
ANALYTICAL DATE : SEPTEMBER 26-OCTOBER 2, 2023
REPORT NO. : 2023-U084486
WORK NO. : 2021-001113
ANALYSIS NO. : T23AT093-0018 - T23AT093-0021

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT			
			TUBKWANG LIVESTOCK AND BLEEDING CENTER			
			*	**	***	****
TOTAL SUSPENDED PARTICULATE	mg/m ³	GRAVIMETRIC (HIGH VOLUME METHOD)	T23AT093-0018	T23AT093-0019	T23AT093-0020	T23AT093-0021
			0.061	0.055	0.064	0.078
PARTICULATE MATTER (≤ 10 µm)	mg/m ³	GRAVIMETRIC (HIGH VOLUME METHOD)				
			0.047	0.027	0.036	0.029
SAMPLE CONDITION			COMPLETE	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 I-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 I-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 09:30 HOUR ON SEPTEMBER 21, 2023 TO 09:30 HOUR ON SEPTEMBER 22, 2023.
** : SAMPLING FROM 09:30 HOUR ON SEPTEMBER 22, 2023 TO 09:30 HOUR ON SEPTEMBER 23, 2023.
*** : SAMPLING FROM 09:30 HOUR ON SEPTEMBER 23, 2023 TO 09:30 HOUR ON SEPTEMBER 24, 2023.
**** : SAMPLING FROM 09:30 HOUR ON SEPTEMBER 24, 2023 TO 09:30 HOUR ON SEPTEMBER 25, 2023.

Budsakorn ✓
(MISS BUDSAKORN LERDPANUMAS)
LABORATORY SUPERVISOR

OCTOBER 4, 2023





United Analyst and Engineering Consultant Co., Ltd.
3 Soi Udomsuk 41, Sukhumvit Road, Bangchak, Phrakhanong, Bangkok 10260
Tel.0 2763 2828 Fax 0 2763 2800 www.uaec consultant.com E-mail: uae@uaec consultant.com

ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (SC K5+K6)
CUSTOMER NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED
ADDRESS : 99,219,301 MOO 9,5,5, MITRAPARB ROAD TABKWANG KAENGKOL SARABUKI 18260
CONTACT INFORMATION : TEL : 08 1929 1310 e-mail : PIYAWAT.PHOTIMONGKONKUL@SIAMCITYCEMENT.COM
MEASURING PLACE : TUBKWANG LIVESTOCK AND BLEEDING CENTER
MEASURING TYPE : AMBIENT (AIR)
MEASURING DATE : SEPTEMBER 18-25, 2023
MEASURING TIME : *
MEASURING METHOD : CHEMILUMINESCENCE
MEASURED BY : MR UTHAI KAEWRAMMOOK

RECEIVED DATE : SEPTEMBER 18-25, 2023
ANALYTICAL DATE : SEPTEMBER 18-25, 2023
REPORT NO. : 2023-U084463
WORK NO. : 2021-001113
ANALYSIS NO. : T23AT093-0015 - T23AT093-0021

TIME *	RESULT (ppm)			
	NITROGEN DIOXIDE			
	TUBKWANG LIVESTOCK AND BLEEDING CENTER			
	SEPTEMBER 18-19, 2023 T23AT093-0015	SEPTEMBER 19-20, 2023 T23AT093-0016	SEPTEMBER 20-21, 2023 T23AT093-0017	
07:00-08:00 HOUR	0.0247	0.0260	0.0251	
08:00-09:00 HOUR	0.0226	0.0236	0.0280	
09:00-10:00 HOUR	0.0187	0.0172	0.0230	
10:00-11:00 HOUR	0.0159	0.0157	0.0191	
11:00-12:00 HOUR	0.0139	0.0161	0.0178	
12:00-13:00 HOUR	0.0137	0.0158	0.0168	
13:00-14:00 HOUR	0.0174	0.0180	0.0191	
14:00-15:00 HOUR	0.0198	0.0204	0.0198	
15:00-16:00 HOUR	0.0229	0.0261	0.0216	
16:00-17:00 HOUR	0.0254	0.0282	0.0224	
17:00-18:00 HOUR	0.0240	0.0284	0.0228	
18:00-19:00 HOUR	0.0260	0.0276	0.0236	
19:00-20:00 HOUR	0.0275	0.0273	0.0234	
20:00-21:00 HOUR	0.0259	0.0261	0.0232	
21:00-22:00 HOUR	0.0219	0.0251	0.0252	
22:00-23:00 HOUR	0.0176	0.0242	0.0258	
23:00-00:00 HOUR	0.0170	0.0242	0.0259	
00:00-01:00 HOUR	0.0160	0.0242	0.0230	
01:00-02:00 HOUR	0.0183	0.0250	0.0212	
02:00-03:00 HOUR	0.0182	0.0257	0.0211	
03:00-04:00 HOUR	0.0204	0.0251	0.0210	
04:00-05:00 HOUR	0.0209	0.0248	0.0241	
05:00-06:00 HOUR	0.0237	0.0285	0.0269	
06:00-07:00 HOUR	0.0276	0.0317	0.0296	



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Tel.0 2763 2828 Fax 0 2763 2800 www.uaec consultant.com E-mail: uae@uaec consultant.com

TIME *	RESULT (ppm)			
	NITROGEN DIOXIDE			
	TUBKWANG LIVESTOCK AND BLEEDING CENTER			
	SEPTEMBER 21-22, 2023 T23AT093-0018	SEPTEMBER 22-23, 2023 T23AT093-0019	SEPTEMBER 23-24, 2023 T23AT093-0020	SEPTEMBER 24-25, 2023 T23AT093-0021
07:00-08:00 HOUR	0.0297	0.0241	0.0231	0.0272
08:00-09:00 HOUR	0.0272	0.0209	0.0193	0.0250
09:00-10:00 HOUR	0.0238	0.0162	0.0138	0.0175
10:00-11:00 HOUR	0.0189	0.0142	0.0127	0.0142
11:00-12:00 HOUR	0.0168	0.0156	0.0118	0.0124
12:00-13:00 HOUR	0.0170	0.0175	0.0115	0.0129
13:00-14:00 HOUR	0.0175	0.0188	0.0125	0.0132
14:00-15:00 HOUR	0.0190	0.0187	0.0157	0.0152
15:00-16:00 HOUR	0.0212	0.0202	0.0216	0.0207
16:00-17:00 HOUR	0.0238	0.0225	0.0262	0.0233
17:00-18:00 HOUR	0.0269	0.0240	0.0278	0.0241
18:00-19:00 HOUR	0.0280	0.0239	0.0274	0.0225
19:00-20:00 HOUR	0.0298	0.0238	0.0277	0.0240
20:00-21:00 HOUR	0.0283	0.0232	0.0280	0.0242
21:00-22:00 HOUR	0.0280	0.0237	0.0279	0.0226
22:00-23:00 HOUR	0.0251	0.0225	0.0244	0.0202
23:00-00:00 HOUR	0.0244	0.0230	0.0229	0.0187
00:00-01:00 HOUR	0.0218	0.0236	0.0204	0.0181
01:00-02:00 HOUR	0.0202	0.0238	0.0209	0.0164
02:00-03:00 HOUR	0.0177	0.0229	0.0191	0.0153
03:00-04:00 HOUR	0.0178	0.0212	0.0196	0.0152
04:00-05:00 HOUR	0.0216	0.0220	0.0215	0.0203
05:00-06:00 HOUR	0.0247	0.0235	0.0244	0.0226
06:00-07:00 HOUR	0.0271	0.0262	0.0281	0.0299

Sila Banjongjairuk

(MR SILA BANJONGJAIRUK)
LABORATORY SUPERVISOR

OCTOBER 4, 2023

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2023-U084463

- End of Analysis Report -

ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (SCP K5+K6)
CUSTOMER NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED
ADDRESS : 99,219,301 MOO 9,5,5, MITRAPARB ROAD TABKWANG KAENGKROI SARABURI 18260
CONTACT INFORMATION : TEL : 08 1929 1310 e-mail : PIYAWAT.PHOTIMONGKONKUL@SIAMCITYCEMENT.COM
MEASURING PLACE : TUBKWANG LIVESTOCK AND BLEEDING CENTER
MEASURING TYPE : AMBIENT (AIR)
MEASURING DATE : SEPTEMBER 18-25, 2023
MEASURING TIME : *
MEASURING METHOD : UV FLUORESCENCE
MEASURED BY : MR UTHAI KAEWRAMOOK

RECEIVED DATE : SEPTEMBER 18-25, 2023
ANALYTICAL DATE : SEPTEMBER 18-25, 2023
REPORT NO. : 2023-U084491
WORK NO. : 2021-001113
ANALYSIS NO. : T23AT093-0015 - T23AT093-0021

วันที่ เวลา *	RESULT (ppm)			
	SULPHUR DIOXIDE			
	TUBKWANG LIVESTOCK AND BLEEDING CENTER			
	SEPTEMBER 18-19, 2023 T23AT093-0015	SEPTEMBER 19-20, 2023 T23AT093-0016	SEPTEMBER 20-21, 2023 T23AT093-0017	
07:00-08:00 HOUR	0.0035	0.0029	0.0033	
08:00-09:00 HOUR	0.0029	0.0026	0.0029	
09:00-10:00 HOUR	0.0024	0.0025	0.0026	
10:00-11:00 HOUR	0.0022	0.0027	0.0025	
11:00-12:00 HOUR	0.0023	0.0025	0.0027	
12:00-13:00 HOUR	0.0027	0.0026	0.0030	
13:00-14:00 HOUR	0.0030	0.0025	0.0034	
14:00-15:00 HOUR	0.0037	0.0027	0.0036	
15:00-16:00 HOUR	0.0037	0.0030	0.0037	
16:00-17:00 HOUR	0.0037	0.0033	0.0037	
17:00-18:00 HOUR	0.0037	0.0035	0.0037	
18:00-19:00 HOUR	0.0040	0.0035	0.0036	
19:00-20:00 HOUR	0.0042	0.0037	0.0033	
20:00-21:00 HOUR	0.0040	0.0039	0.0031	
21:00-22:00 HOUR	0.0034	0.0038	0.0030	
22:00-23:00 HOUR	0.0030	0.0036	0.0030	
23:00-00:00 HOUR	0.0026	0.0034	0.0030	
00:00-01:00 HOUR	0.0026	0.0039	0.0027	
01:00-02:00 HOUR	0.0026	0.0038	0.0028	
02:00-03:00 HOUR	0.0028	0.0040	0.0027	
03:00-04:00 HOUR	0.0033	0.0037	0.0028	
04:00-05:00 HOUR	0.0037	0.0036	0.0030	
05:00-06:00 HOUR	0.0039	0.0034	0.0033	
06:00-07:00 HOUR	0.0035	0.0033	0.0033	
AVERAGE 24 HOUR	0.0032	0.0033	0.0031	



วันที่ เวลา *	RESULT (ppm)			
	SULPHUR DIOXIDE			
	TUBKWANG LIVESTOCK AND BLEEDING CENTER			
	SEPTEMBER 21-22, 2023 T23AT093-0018	SEPTEMBER 22-23, 2023 T23AT093-0019	SEPTEMBER 23-24, 2023 T23AT093-0020	SEPTEMBER 24-25, 2023 T23AT093-0021
07:00-08:00 HOUR	0.0029	0.0036	0.0029	0.0031
08:00-09:00 HOUR	0.0024	0.0030	0.0027	0.0027
09:00-10:00 HOUR	0.0023	0.0024	0.0028	0.0025
10:00-11:00 HOUR	0.0025	0.0025	0.0027	0.0025
11:00-12:00 HOUR	0.0027	0.0027	0.0025	0.0026
12:00-13:00 HOUR	0.0031	0.0033	0.0025	0.0027
13:00-14:00 HOUR	0.0033	0.0034	0.0027	0.0028
14:00-15:00 HOUR	0.0036	0.0036	0.0031	0.0031
15:00-16:00 HOUR	0.0036	0.0038	0.0033	0.0032
16:00-17:00 HOUR	0.0036	0.0039	0.0035	0.0036
17:00-18:00 HOUR	0.0035	0.0039	0.0034	0.0039
18:00-19:00 HOUR	0.0033	0.0040	0.0032	0.0040
19:00-20:00 HOUR	0.0034	0.0036	0.0030	0.0041
20:00-21:00 HOUR	0.0033	0.0032	0.0028	0.0040
21:00-22:00 HOUR	0.0030	0.0026	0.0028	0.0040
22:00-23:00 HOUR	0.0027	0.0027	0.0028	0.0040
23:00-00:00 HOUR	0.0026	0.0027	0.0028	0.0038
00:00-01:00 HOUR	0.0029	0.0027	0.0027	0.0040
01:00-02:00 HOUR	0.0028	0.0026	0.0026	0.0036
02:00-03:00 HOUR	0.0029	0.0029	0.0029	0.0039
03:00-04:00 HOUR	0.0031	0.0032	0.0031	0.0035
04:00-05:00 HOUR	0.0035	0.0036	0.0036	0.0036
05:00-06:00 HOUR	0.0039	0.0035	0.0037	0.0033
06:00-07:00 HOUR	0.0038	0.0032	0.0037	0.0034
AVERAGE 24 HOUR	0.0031	0.0032	0.0030	0.0034

(MR. SILA BANJONGJAIRUK)
 LABORATORY SUPERVISOR

OCTOBER 4, 2023



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ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (SCP K5+K6)
CUSTOMER NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED
ADDRESS : 99,219,301 MOO 9,5,5, MITRAPARB ROAD TABKWANG KAENGKOEI SARABURI 18260
CONTACT INFORMATION : TEL : 08 1929 1310 e-mail : PIYAWAT.PHOTIMONGKONKUL@SIAMCITYCEMENT.COM
MEASURING PLACE : TUBKWANG LIVESTOCK AND BLEEDING CENTER
MEASURING TYPE : AMBIENT (AIR)
MEASURING DATE : SEPTEMBER 18-25, 2023
MEASURING TIME : *
MEASURING METHOD : WIND SPEED & WIND DIRECTION EQUIPMENT
MEASURED BY : MR LUTHAI KAEWKAMOOK

RECEIVED DATE : SEPTEMBER 18-25, 2023
ANALYTICAL DATE : SEPTEMBER 18-25, 2023
REPORT NO. : 2023-U084499
WORK NO. : 2021-001113
ANALYSIS NO. : T23AT093-0015 - T23AT093-0021

TIME *	RESULT (m/s)					
	TUBKWANG LIVESTOCK AND BLEEDING CENTER					
	SEPTEMBER 18-19, 2023 T23AT093-0015		SEPTEMBER 19-20, 2023 T23AT093-0016		SEPTEMBER 20-21, 2023 T23AT093-0017	
	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION
07:00-08:00 HOUR	1.6	SSW	1.4	W	1.8	N
08:00-09:00 HOUR	1.6	S	1.8	SW	1.8	NW
09:00-10:00 HOUR	2.2	SSW	1.4	WSW	1.9	NW
10:00-11:00 HOUR	2.7	SSW	1.5	NE	1.6	W
11:00-12:00 HOUR	3.2	S	1.4	ENE	1.4	WNW
12:00-13:00 HOUR	2.4	SSW	1.1	ESE	2.0	SW
13:00-14:00 HOUR	2.3	S	0.8	SE	1.5	ENE
14:00-15:00 HOUR	2.7	SE	0.8	S	1.4	SSE
15:00-16:00 HOUR	2.0	SE	0.9	SSW	2.2	E
16:00-17:00 HOUR	1.7	SE	1.2	SSW	1.7	SSE
17:00-18:00 HOUR	1.7	SE	1.1	SSW	1.4	WSW
18:00-19:00 HOUR	1.8	ESE	1.3	SW	1.8	SE
19:00-20:00 HOUR	1.8	E	2.1	SW	1.6	WSW
20:00-21:00 HOUR	2.1	E	1.5	SW	1.8	SW
21:00-22:00 HOUR	1.8	ESE	2.3	S	2.3	WSW
22:00-23:00 HOUR	2.3	E	1.8	S	0.7	SW
23:00-00:00 HOUR	2.9	ESE	1.5	SSW	0.9	W
00:00-01:00 HOUR	2.8	E	1.3	WSW	0.8	WSW
01:00-02:00 HOUR	1.9	ESE	1.4	SSW	1.8	NW
02:00-03:00 HOUR	2.2	E	1.1	WNW	2.4	NW
03:00-04:00 HOUR	1.8	SSE	1.1	NNW	2.0	SSW
04:00-05:00 HOUR	1.4	SW	0.9	NNW	2.3	WNW
05:00-06:00 HOUR	1.2	SW	1.1	NNW	2.1	SSW
06:00-07:00 HOUR	1.1	WSW	1.5	N	2.0	ESE

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Tel. 0 2763 2828 Fax 0 2763 2800 www.uaeconsultant.com E-mail: uae@uaeconsultant.com

TIME *	RESULT (m/s)							
	TUBKWANG LIVESTOCK AND BLEEDING CENTER							
	SEPTEMBER 21-22, 2023 T23AT093-0018		SEPTEMBER 22-23, 2023 T23AT093-0019		SEPTEMBER 23-24, 2023 T23AT093-0020		SEPTEMBER 24-25, 2023 T23AT093-0021	
	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION
07:00-08:00 HOUR	2.2	NE	2.4	SSW	2.4	NW	1.7	S
08:00-09:00 HOUR	1.3	NNE	2.1	SSW	2.1	NW	1.8	SE
09:00-10:00 HOUR	1.9	NNE	0.6	SSE	1.6	WNW	2.5	SE
10:00-11:00 HOUR	1.8	NNE	0.9	S	1.8	NW	2.3	SSE
11:00-12:00 HOUR	2.4	NNE	1.0	ESE	1.6	SE	2.3	ESE
12:00-13:00 HOUR	2.6	NNE	1.8	ESE	1.9	SE	2.3	SE
13:00-14:00 HOUR	1.9	NNE	1.5	ESE	2.3	ENE	2.1	SSE
14:00-15:00 HOUR	1.4	NNE	1.1	SE	1.8	ESE	1.7	S
15:00-16:00 HOUR	1.0	NNE	1.0	SE	2.1	NE	1.6	W
16:00-17:00 HOUR	0.8	SSW	1.0	SE	1.8	S	2.4	SSW
17:00-18:00 HOUR	1.5	SW	0.8	SE	2.4	SSW	2.8	WNW
18:00-19:00 HOUR	2.0	SSW	0.9	ESE	2.4	S	2.9	NNW
19:00-20:00 HOUR	1.8	SSW	1.4	NNE	2.6	SSE	2.9	E
20:00-21:00 HOUR	2.0	S	1.2	ENE	2.4	SE	3.2	ENE
21:00-22:00 HOUR	2.2	SSW	1.8	ENE	3.0	SE	3.3	ENE
22:00-23:00 HOUR	3.1	SE	2.3	ESE	2.6	SSE	2.8	NE
23:00-00:00 HOUR	3.0	SSE	2.7	ESE	1.8	S	2.9	ENE
00:00-01:00 HOUR	3.1	WSW	3.1	E	1.6	SSE	2.8	NE
01:00-02:00 HOUR	2.4	SW	2.3	ESE	1.0	SSW	2.8	NE
02:00-03:00 HOUR	2.6	SW	3.2	SSE	0.8	SW	2.2	NE
03:00-04:00 HOUR	3.5	WSW	2.5	W	0.7	SSW	2.7	NE
04:00-05:00 HOUR	2.7	W	2.0	SW	1.0	S	2.7	ENE
05:00-06:00 HOUR	2.7	WSW	2.1	W	0.9	WSW	2.5	ENE
06:00-07:00 HOUR	3.2	SW	2.1	NW	1.6	S	2.2	ENE

Sila Banjongjairuk

(MR. SILA BANJONGJAIRUK)
LABORATORY SUPERVISOR

OCTOBER 4, 2023

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2023-U084499

- End of Analysis Report -

ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (SCP K5+K6)
CUSTOMER NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED
ADDRESS : 99,219,301 MOO 9,5,5, MITRAPARK ROAD IABKWANG KAENGKUI SARABURI 18260
CONTACT INFORMATION : TEL : 08 1929 1310 e-mail : PIYAWAT.PHOTIMONGKONKUL@SIAMCITYCEMENT.COM
SAMPLING SOURCE : SARABURI HIGH VOLTAGE SUBSTATION
SAMPLE TYPE : AMBIENT
SAMPLING DATE : *, **, ***
SAMPLING TIME : *, **, ***
SAMPLING BY : MR UTHAI KAEWRAMOOK
ANALYZED BY : MISS JETJARAN TUMSA-AT

RECEIVED DATE : AUGUST 10, 2023
ANALYTICAL DATE : AUGUST 10-15, 2023
REPORT NO. : 2023-U068107
WORK NO. : 2021-001113
ANALYSIS NO. : T23AP370-0022 - T23AP370-0024

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT			
			SARABURI HIGH VOLTAGE SUBSTATION			
			*	**	***	****
TOTAL SUSPENDED PARTICULATE	mg/m ³	GRAVIMETRIC (HIGH VOLUME METHOD)	0.045	0.040	0.044	
PARTICULATE MATTER (≤ 10 μm)	mg/m ³	GRAVIMETRIC (HIGH VOLUME METHOD)	0.022	0.023	0.023	
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 I-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 I-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 10:00 HOUR ON AUGUST 2, 2023 TO 10:00 HOUR ON AUGUST 3, 2023.
** : SAMPLING FROM 10:00 HOUR ON AUGUST 3, 2023 TO 10:00 HOUR ON AUGUST 4, 2023.
*** : SAMPLING FROM 10:00 HOUR ON AUGUST 4, 2023 TO 10:00 HOUR ON AUGUST 5, 2023.

Budsakorn ✓
(MISS BUDSAKORN LERDPANUMAS)
LABORATORY SUPERVISOR

AUGUST 21, 2023



ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (SCP K5+K6)
CUSTOMER NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED
ADDRESS : 99,219,301 MOO 9,5,5, MITRAPARK ROAD IABKWANG KAENGKUI SARABURI 18260
CONTACT INFORMATION : TEL : 08 1929 1310 e-mail : PIYAWAT.PHOTIMONGKONKUL@SIAMCITYCEMENT.COM
SAMPLING SOURCE : SARABURI HIGH VOLTAGE SUBSTATION
SAMPLE TYPE : AMBIENT
SAMPLING DATE : *, **, ***
SAMPLING TIME : *, **, ***
SAMPLING BY : MR UTHAI KAEWRAMOOK
ANALYZED BY : MISS JETJARAN TUMSA-AT

RECEIVED DATE : AUGUST 10, 2023
ANALYTICAL DATE : AUGUST 10-15, 2023
REPORT NO. : 2023-U068108
WORK NO. : 2021-001113
ANALYSIS NO. : T23AP370-0025 - T23AP370-0028

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT			
			SARABURI HIGH VOLTAGE SUBSTATION			
			*	**	***	****
TOTAL SUSPENDED PARTICULATE	mg/m ³	GRAVIMETRIC (HIGH VOLUME METHOD)	0.045	0.043	0.041	0.036
PARTICULATE MATTER (≤ 10 μm)	mg/m ³	GRAVIMETRIC (HIGH VOLUME METHOD)	0.025	0.025	0.027	0.032
SAMPLE CONDITION			COMPLETE	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 I-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 I-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 10:00 HOUR ON AUGUST 5, 2023 TO 10:00 HOUR ON AUGUST 6, 2023.
** : SAMPLING FROM 10:00 HOUR ON AUGUST 6, 2023 TO 10:00 HOUR ON AUGUST 7, 2023.
*** : SAMPLING FROM 10:00 HOUR ON AUGUST 7, 2023 TO 10:00 HOUR ON AUGUST 8, 2023.
**** : SAMPLING FROM 10:00 HOUR ON AUGUST 8, 2023 TO 10:00 HOUR ON AUGUST 9, 2023.

Budsakorn ✓
(MISS BUDSAKORN LERDPANUMAS)
LABORATORY SUPERVISOR

AUGUST 21, 2023





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ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (SCP K5+K6)
CUSTOMER NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED
ADDRESS : 99,219,301 MOO 9,5,5, MITRAPAKB ROAD TABKWANG KAENGKOE SARABURI 18260
CONTACT INFORMATION : TEL : 08 1929 1310 E-mail : PIYAWAT.PHOJIMONGKONKUL@SIAMCITYCEMENT.COM
MEASURING PLACE : SARABURI HIGH VOLTAGE SUBSTATION
MEASURING TYPE : AMBIENT (AIR)
MEASURING DATE : AUGUST 2-9, 2023
MEASURING TIME : *
MEASURING METHOD : CHEMILUMINESCENCE
MEASURED BY : MR UTHAI KAEWRAMOOK

RECEIVED DATE : AUGUST 2-9, 2023
ANALYTICAL DATE : AUGUST 2-9, 2023
REPORT NO. : 2023-0067020
WORK NO. : 2021-001113
ANALYSIS NO. : T23AP370-0022 - T23AP370-0028

TIME *	RESULT (ppm)			
	NITROGEN DIOXIDE			
	SARABURI HIGH VOLTAGE SUBSTATION			
	AUGUST 2 - 3, 2023 T23AP370-0022	AUGUST 3 - 4, 2023 T23AP370-0023	AUGUST 4 - 5, 2023 T23AP370-0024	
07:00-08:00 HOUR	0.0030	0.0041	0.0051	
08:00-09:00 HOUR	0.0025	0.0025	0.0027	
09:00-10:00 HOUR	0.0016	0.0024	0.0022	
10:00-11:00 HOUR	0.0014	0.0025	0.0020	
11:00-12:00 HOUR	0.0013	0.0035	0.0020	
12:00-13:00 HOUR	0.0015	0.0036	0.0036	
13:00-14:00 HOUR	0.0015	0.0046	0.0032	
14:00-15:00 HOUR	0.0017	0.0107	0.0132	
15:00-16:00 HOUR	0.0017	0.0074	0.0046	
16:00-17:00 HOUR	0.0021	0.0061	0.0051	
17:00-18:00 HOUR	0.0021	0.0051	0.0075	
18:00-19:00 HOUR	0.0030	0.0040	0.0061	
19:00-20:00 HOUR	0.0025	0.0043	0.0043	
20:00-21:00 HOUR	0.0022	0.0028	0.0048	
21:00-22:00 HOUR	0.0022	0.0020	0.0047	
22:00-23:00 HOUR	0.0017	0.0018	0.0046	
23:00-00:00 HOUR	0.0016	0.0021	0.0047	
00:00-01:00 HOUR	0.0021	0.0023	0.0054	
01:00-02:00 HOUR	0.0030	0.0020	0.0048	
02:00-03:00 HOUR	0.0033	0.0021	0.0037	
03:00-04:00 HOUR	0.0038	0.0029	0.0029	
04:00-05:00 HOUR	0.0042	0.0042	0.0031	
05:00-06:00 HOUR	0.0043	0.0050	0.0033	
06:00-07:00 HOUR	0.0049	0.0036	0.0027	

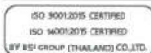


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TIME *	RESULT (ppm)			
	NITROGEN DIOXIDE			
	SARABURI HIGH VOLTAGE SUBSTATION			
	AUGUST 5 - 6, 2023 T23AP370-0025	AUGUST 6 - 7, 2023 T23AP370-0026	AUGUST 7 - 8, 2023 T23AP370-0027	AUGUST 8 - 9, 2023 T23AP370-0028
07:00-08:00 HOUR	0.0025	0.0015	0.0024	0.0039
08:00-09:00 HOUR	0.0026	0.0015	0.0020	0.0023
09:00-10:00 HOUR	0.0026	0.0013	0.0020	0.0017
10:00-11:00 HOUR	0.0026	0.0018	0.0019	0.0015
11:00-12:00 HOUR	0.0089	0.0024	0.0018	0.0050
12:00-13:00 HOUR	0.0104	0.0029	0.0048	0.0174
13:00-14:00 HOUR	0.0041	0.0032	0.0172	0.0057
14:00-15:00 HOUR	0.0033	0.0120	0.0047	0.0033
15:00-16:00 HOUR	0.0030	0.0064	0.0066	0.0037
16:00-17:00 HOUR	0.0027	0.0070	0.0048	0.0056
17:00-18:00 HOUR	0.0031	0.0042	0.0044	0.0139
18:00-19:00 HOUR	0.0035	0.0029	0.0050	0.0102
19:00-20:00 HOUR	0.0027	0.0124	0.0059	0.0017
20:00-21:00 HOUR	0.0040	0.0033	0.0056	0.0028
21:00-22:00 HOUR	0.0039	0.0030	0.0043	0.0080
22:00-23:00 HOUR	0.0030	0.0031	0.0037	0.0090
23:00-00:00 HOUR	0.0049	0.0034	0.0039	0.0075
00:00-01:00 HOUR	0.0034	0.0036	0.0044	0.0061
01:00-02:00 HOUR	0.0033	0.0038	0.0049	0.0066
02:00-03:00 HOUR	0.0034	0.0034	0.0053	0.0052
03:00-04:00 HOUR	0.0034	0.0040	0.0052	0.0030
04:00-05:00 HOUR	0.0027	0.0029	0.0050	0.0045
05:00-06:00 HOUR	0.0023	0.0030	0.0052	0.0040
06:00-07:00 HOUR	0.0018	0.0028	0.0051	0.0030

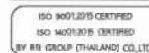

(MR. SILA BANJONGJAIYUK)
LABORATORY SUPERVISOR

AUGUST 15, 2023



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2023-0067020

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ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (SCP K5+K6)
CUSTOMER NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED
ADDRESS : 99,219,301 MOO 9,5,5, MITRAPARB ROAD TABKWANG KAENGKROI SARABURI 18260
CONTACT INFORMATION : TEL : 08 1929 1310 e-mail : PIYAWAT.PHOTIMONGKONKUL@SIAMCITYCEMENT.COM
MEASURING PLACE : SARABURI HIGH VOLTAGE SUBSTATION
MEASURING TYPE : AMBIENT (AIR)
MEASURING DATE : AUGUST 2-9, 2023
MEASURING TIME : *
MEASURING METHOD : UV FLUORESCENCE
MEASURED BY : MR UTHAI KAEWRAMOOK
RECEIVED DATE : AUGUST 2-9, 2023
ANALYTICAL DATE : AUGUST 2-9, 2023
REPORT NO. : 2023-U067024
WORK NO. : 2021-001113
ANALYSIS NO. : T23AP370-0022 - T23AP370-0028

เวลา *	RESULT (ppm)			
	SULPHUR DIOXIDE			
	SARABURI HIGH VOLTAGE SUBSTATION			
	AUGUST 2 - 3, 2023 T23AP370-0022	AUGUST 4 - 5, 2023 T23AP370-0023	AUGUST 6 - 7, 2023 T23AP370-0024	AUGUST 8 - 9, 2023 T23AP370-0025
07:00-08:00 HOUR	0.0015	0.0015	0.0015	0.0015
08:00-09:00 HOUR	0.0015	0.0015	0.0015	0.0015
09:00-10:00 HOUR	0.0016	0.0015	0.0015	0.0015
10:00-11:00 HOUR	0.0016	0.0015	0.0016	0.0016
11:00-12:00 HOUR	0.0016	0.0016	0.0015	0.0015
12:00-13:00 HOUR	0.0016	0.0015	0.0015	0.0015
13:00-14:00 HOUR	0.0016	0.0016	0.0016	0.0016
14:00-15:00 HOUR	0.0016	0.0015	0.0016	0.0016
15:00-16:00 HOUR	0.0016	0.0015	0.0016	0.0016
16:00-17:00 HOUR	0.0015	0.0016	0.0016	0.0016
17:00-18:00 HOUR	0.0015	0.0015	0.0015	0.0015
18:00-19:00 HOUR	0.0015	0.0015	0.0015	0.0015
19:00-20:00 HOUR	0.0015	0.0015	0.0016	0.0016
20:00-21:00 HOUR	0.0015	0.0014	0.0014	0.0014
21:00-22:00 HOUR	0.0015	0.0014	0.0015	0.0015
22:00-23:00 HOUR	0.0014	0.0014	0.0015	0.0015
23:00-00:00 HOUR	0.0015	0.0014	0.0014	0.0014
00:00-01:00 HOUR	0.0014	0.0014	0.0014	0.0014
01:00-02:00 HOUR	0.0015	0.0014	0.0014	0.0014
02:00-03:00 HOUR	0.0015	0.0014	0.0014	0.0014
03:00-04:00 HOUR	0.0014	0.0014	0.0014	0.0014
04:00-05:00 HOUR	0.0014	0.0015	0.0014	0.0014
05:00-06:00 HOUR	0.0015	0.0014	0.0014	0.0014
06:00-07:00 HOUR	0.0015	0.0015	0.0014	0.0014
AVERAGE 24 HOUR	0.0015	0.0015	0.0015	0.0015

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Tel.0 2763 2828 Fax 0 2763 2800 www.uaec consultant.com E-mail: uae@uaec consultant.com

เวลา *	RESULT (ppm)			
	SULPHUR DIOXIDE			
	SARABURI HIGH VOLTAGE SUBSTATION			
	AUGUST 5 - 6, 2023 T23AP370-0025	AUGUST 6 - 7, 2023 T23AP370-0026	AUGUST 7 - 8, 2023 T23AP370-0027	AUGUST 8 - 9, 2023 T23AP370-0028
07:00-08:00 HOUR	0.0014	0.0014	0.0015	0.0015
08:00-09:00 HOUR	0.0014	0.0014	0.0014	0.0015
09:00-10:00 HOUR	0.0015	0.0015	0.0015	0.0015
10:00-11:00 HOUR	0.0015	0.0015	0.0015	0.0016
11:00-12:00 HOUR	0.0016	0.0015	0.0015	0.0019
12:00-13:00 HOUR	0.0015	0.0015	0.0016	0.0016
13:00-14:00 HOUR	0.0015	0.0016	0.0016	0.0016
14:00-15:00 HOUR	0.0015	0.0015	0.0015	0.0015
15:00-16:00 HOUR	0.0016	0.0015	0.0015	0.0016
16:00-17:00 HOUR	0.0016	0.0015	0.0015	0.0015
17:00-18:00 HOUR	0.0021	0.0015	0.0015	0.0016
18:00-19:00 HOUR	0.0017	0.0014	0.0015	0.0016
19:00-20:00 HOUR	0.0015	0.0015	0.0016	0.0014
20:00-21:00 HOUR	0.0015	0.0015	0.0015	0.0014
21:00-22:00 HOUR	0.0014	0.0014	0.0015	0.0017
22:00-23:00 HOUR	0.0014	0.0014	0.0015	0.0019
23:00-00:00 HOUR	0.0014	0.0014	0.0015	0.0018
00:00-01:00 HOUR	0.0014	0.0014	0.0015	0.0018
01:00-02:00 HOUR	0.0014	0.0014	0.0015	0.0020
02:00-03:00 HOUR	0.0015	0.0014	0.0014	0.0019
03:00-04:00 HOUR	0.0014	0.0014	0.0014	0.0014
04:00-05:00 HOUR	0.0015	0.0013	0.0014	0.0017
05:00-06:00 HOUR	0.0014	0.0013	0.0014	0.0017
06:00-07:00 HOUR	0.0014	0.0014	0.0014	0.0015
AVERAGE 24 HOUR	0.0015	0.0014	0.0015	0.0016

(MR. SILA BANJONGJAIKUK)
LABORATORY SUPERVISOR

AUGUST 15, 2023

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2023-U067024

- End of Analysis Report -



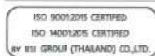
United Analyst and Engineering Consultant Co., Ltd.
3 Soi Udomsuk 41, Sukhumvit Road, Bangchak, Phra Khanong, Bangkok 10260
Tel. 0 2 763 2828 Fax 0 2 763 2800 www.uaeconsultant.com E-mail: uae@uaeconsultant.com

ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (SCP K5+K6)
CUSTOMER NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED
ADDRESS : 99,219,301 MOO 9,5,5, MITRAPARB ROAD TABKWANG KAENGKROI SARABURI 18260
CONTACT INFORMATION : TEL : 08 1929 1310 e-mail : PIYAWAT.PHOTIMONGKONKUL@SIAMCITYCEMENT.COM
MEASURING PLACE : SARABURI HIGH VOLTAGE SUBSTATION
MEASURING TYPE : AMBIENT (AIR)
MEASURING DATE : AUGUST 2-9, 2023
MEASURING TIME : *
MEASURING METHOD : WIND SPEED & WIND DIRECTION EQUIPMENT
MEASURED BY : MR LUTHAI KAEWRAKMOOK

RECEIVED DATE : AUGUST 2-9, 2023
ANALYTICAL DATE : AUGUST 2-9, 2023
REPORT NO. : 2023-U067028
WORK NO. : 2021-001113
ANALYSIS NO. : T23AP370-0022 - T23AP370-0028

TIME *	RESULT (m/s)					
	SARABURI HIGH VOLTAGE SUBSTATION					
	AUGUST 2 - 3, 2023		AUGUST 3 - 4, 2023		AUGUST 4 - 5, 2023	
	T23AP370-0022		T23AP370-0023		T23AP370-0024	
	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION
07:00-08:00 HOUR	2.2	ESE	1.9	SE	1.6	NNW
08:00-09:00 HOUR	2.0	SE	1.6	SSE	1.5	NW
09:00-10:00 HOUR	2.3	SE	1.4	SE	2.2	N
10:00-11:00 HOUR	1.7	SSE	1.6	E	2.0	N
11:00-12:00 HOUR	1.6	S	1.4	E	2.1	WNW
12:00-13:00 HOUR	1.9	SSW	1.1	ESE	2.9	NW
13:00-14:00 HOUR	1.2	SW	0.9	E	3.2	ENE
14:00-15:00 HOUR	1.7	SW	1.1	SSE	2.9	SSE
15:00-16:00 HOUR	1.4	SW	1.0	SE	3.5	E
16:00-17:00 HOUR	2.2	WSW	0.8	SSE	3.3	SW
17:00-18:00 HOUR	2.1	SSW	1.3	SE	2.4	WNW
18:00-19:00 HOUR	2.4	WSW	1.7	SSE	2.6	WSW
19:00-20:00 HOUR	1.9	WSW	1.9	SE	2.1	NNW
20:00-21:00 HOUR	2.1	SW	1.7	ESE	2.0	WNW
21:00-22:00 HOUR	2.2	SW	1.8	ESE	1.6	NNW
22:00-23:00 HOUR	1.5	WSW	1.9	SE	1.5	NW
23:00-00:00 HOUR	2.1	SSE	2.4	ESE	2.1	NNW
00:00-01:00 HOUR	1.6	SE	1.8	SSE	1.8	WNW
01:00-02:00 HOUR	1.8	SE	1.1	SSW	1.6	WSW
02:00-03:00 HOUR	1.5	SE	1.0	WSW	2.0	W
03:00-04:00 HOUR	1.9	SE	0.7	WNW	2.1	SE
04:00-05:00 HOUR	2.1	SSE	1.0	W	1.8	SW
05:00-06:00 HOUR	1.5	SE	1.2	WNW	3.2	SE
06:00-07:00 HOUR	2.0	SE	1.3	NNW	3.0	E



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Tel. 0 2 763 2828 Fax 0 2 763 2800 www.uaeconsultant.com E-mail: uae@uaeconsultant.com

TIME *	RESULT (m/s)							
	SARABURI HIGH VOLTAGE SUBSTATION							
	AUGUST 5 - 6, 2023		AUGUST 6 - 7, 2023		AUGUST 7 - 8, 2023		AUGUST 8 - 9, 2023	
	T23AP370-0025		T23AP370-0026		T23AP370-0027		T23AP370-0028	
	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION
07:00-08:00 HOUR	3.5	ENE	1.9	ESE	2.4	SSW	1.8	S
08:00-09:00 HOUR	2.2	NNE	1.8	ESE	2.5	SW	2.0	ESE
09:00-10:00 HOUR	2.2	ENE	1.5	SE	2.1	SW	2.3	NNE
10:00-11:00 HOUR	2.9	NE	2.1	SW	1.1	SSW	3.4	E
11:00-12:00 HOUR	3.6	ENE	1.5	WNW	1.3	SW	3.4	NNE
12:00-13:00 HOUR	2.5	ENE	1.7	WSW	1.0	SSE	2.8	NNE
13:00-14:00 HOUR	2.3	ENE	1.5	WSW	1.5	SSE	3.3	NNE
14:00-15:00 HOUR	2.0	E	0.9	SSE	1.4	WSW	3.2	NNE
15:00-16:00 HOUR	1.9	ESE	0.5	SSE	1.5	SSE	3.0	NNE
16:00-17:00 HOUR	2.1	ESE	0.6	ESE	1.8	WNW	3.4	NNE
17:00-18:00 HOUR	2.5	SSE	1.3	SE	2.6	WNW	2.8	NNE
18:00-19:00 HOUR	2.6	SW	1.5	E	2.5	WSW	2.6	NNE
19:00-20:00 HOUR	2.5	WSW	1.6	SSW	3.4	WSW	2.0	ENE
20:00-21:00 HOUR	3.0	W	1.5	S	2.7	SE	1.7	ENE
21:00-22:00 HOUR	2.7	WNW	1.6	SSE	2.5	WSW	1.3	NE
22:00-23:00 HOUR	2.3	WNW	2.0	ESE	2.6	SE	1.2	NE
23:00-00:00 HOUR	1.8	W	1.6	ENE	1.9	SE	0.6	NE
00:00-01:00 HOUR	2.0	S	1.7	E	1.5	SSE	0.5	NE
01:00-02:00 HOUR	1.7	SE	1.4	E	1.8	SSE	0.9	NE
02:00-03:00 HOUR	2.6	SE	2.1	ENE	1.5	SSE	1.0	NNE
03:00-04:00 HOUR	2.2	E	2.3	ESE	1.3	SSW	0.9	NNE
04:00-05:00 HOUR	2.1	E	1.8	ESE	1.8	S	0.7	NNE
05:00-06:00 HOUR	2.3	NNE	2.9	S	1.4	SSW	0.9	NE
06:00-07:00 HOUR	2.3	NNE	3.0	SSE	1.9	ESE	1.0	NE



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2023-U067028

- End of Analysis Report -

ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (SCP K5+K6)
CUSTOMER NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED
ADDRESS : 99,219,301 MOO 9,5,5, MITRAPARB ROAD TABKWANG KAENGKOEI SARABURI 18260
CONTACT INFORMATION : TEL : 08 1929 1310 e-mail : PIYAWAT.PHOTIMONGKONKUL@SIAMCITYCEMENT.COM
SAMPLING SOURCE : WAT PHASADET
SAMPLE TYPE : AMBIENT
SAMPLING DATE : *, **, ***
SAMPLING TIME : *, **, ***
SAMPLING BY : MR UTHAI KAEWRAKMOOK
ANALYZED BY : MISS JETJARIN TUMSA-AT

RECEIVED DATE : OCTOBER 30, 2023
ANALYTICAL DATE : OCTOBER 30-NOVEMBER 3, 2023
REPORT NO. : 2023-U095122
WORK NO. : 2021-001113
ANALYSIS NO. : T23AV477-0008 - T23AV477-0010

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		
			WAT PHASADET		
			*	**	***
			T23AV477-0008	T23AV477-0009	T23AV477-0010
TOTAL SUSPENDED PARTICULATE	mg/m ³	GRAVIMETRIC (HIGH VOLUME METHOD)	0.168	0.103	0.147
PARTICULATE MATTER (≤ 10 µm)	mg/m ³	GRAVIMETRIC (HIGH VOLUME METHOD)	0.047	0.034	0.041
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 I-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 I-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 OCTOBER 22, 2023 TO 09:00 HOUR ON OCTOBER 23, 2023.
** : SAMPLING FROM 09:00 HOUR ON OCTOBER 23, 2023 TO 09:00 HOUR ON OCTOBER 24, 2023.
*** : SAMPLING FROM 09:00 HOUR ON OCTOBER 24, 2023 TO 09:00 HOUR ON OCTOBER 25, 2023.

Budsakorn ✓
(MISS BUDSAKORN LERDPANUMAS)
LABORATORY SUPERVISOR
NOVEMBER 8, 2023



ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (SCP K5+K6)
CUSTOMER NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED
ADDRESS : 99,219,301 MOO 9,5,5, MITRAPARB ROAD TABKWANG KAENGKOEI SARABURI 18260
CONTACT INFORMATION : TEL : 08 1929 1310 e-mail : PIYAWAT.PHOTIMONGKONKUL@SIAMCITYCEMENT.COM
SAMPLING SOURCE : WAT PHASADET
SAMPLE TYPE : AMBIENT
SAMPLING DATE : *, **, ***
SAMPLING TIME : *, **, ***
SAMPLING BY : MR UTHAI KAEWRAKMOOK
ANALYZED BY : MISS JETJARIN TUMSA-AT

RECEIVED DATE : OCTOBER 30, 2023
ANALYTICAL DATE : OCTOBER 30-NOVEMBER 3, 2023
REPORT NO. : 2023-U095123
WORK NO. : 2021-001113
ANALYSIS NO. : T23AV477-0011 - T23AV477-0014

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT			
			WAT PHASADET			
			*	**	***	****
			T23AV477-0011	T23AV477-0012	T23AV477-0013	T23AV477-0014
TOTAL SUSPENDED PARTICULATE	mg/m ³	GRAVIMETRIC (HIGH VOLUME METHOD)	0.127	0.102	0.164	0.120
PARTICULATE MATTER (≤ 10 µm)	mg/m ³	GRAVIMETRIC (HIGH VOLUME METHOD)	0.039	0.035	0.057	0.047
SAMPLE CONDITION			COMPLETE	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 I-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 I-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 OCTOBER 25, 2023 TO 09:00 HOUR ON OCTOBER 26, 2023.
** : SAMPLING FROM 09:00 HOUR ON OCTOBER 26, 2023 TO 09:00 HOUR ON OCTOBER 27, 2023.
*** : SAMPLING FROM 09:00 HOUR ON OCTOBER 27, 2023 TO 09:00 HOUR ON OCTOBER 28, 2023.
**** : SAMPLING FROM 09:00 HOUR ON OCTOBER 28, 2023 TO 09:00 HOUR ON OCTOBER 29, 2023.

Budsakorn ✓
(MISS BUDSAKORN LERDPANUMAS)
LABORATORY SUPERVISOR
NOVEMBER 8, 2023



ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (SCP K5+K6)
CUSTOMER NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED
ADDRESS : 99,219,301 MOO 9,5,5, MITRAPARB ROAD TABKWANG KAENGKOL SARABURI 18260
CONTACT INFORMATION : TEL : 08 1929 1310 e-mail : PIYAWAT.PHOTIMONGKONKUL@SIAMCITYCEMENT.COM
MEASURING PLACE : WAT PHA SADET
MEASURING TYPE : AMBIENT (AIR) **RECEIVED DATE** : OCTOBER 22-29, 2023
MEASURING DATE : OCTOBER 22-29, 2023 **ANALYTICAL DATE** : OCTOBER 22-29, 2023
MEASURING TIME : * **REPORT NO.** : 2023-U094523
MEASURING METHOD : CHEMILUMINESCENCE **WORK NO.** : 2021-001113
MEASURED BY : MR UTHAI KAEWRAKMOOK **ANALYSIS NO.** : T23AV477-0008 - T23AV477-0014

TIME *	RESULT (ppm)			
	NITROGEN DIOXIDE			
	WAT PHA SADET			
	OCTOBER 24 - 24, 2023 T23AV477-0008	OCTOBER 25 - 25, 2023 T23AV477-0009	OCTOBER 26 - 26, 2023 T23AV477-0010	OCTOBER 27 - 27, 2023 T23AV477-0011
07:00-08:00 HOUR	0.0145	0.0114	0.0170	
08:00-09:00 HOUR	0.0124	0.0176	0.0245	
09:00-10:00 HOUR	0.0102	0.0279	0.0155	
10:00-11:00 HOUR	0.0126	0.0227	0.0165	
11:00-12:00 HOUR	0.0108	0.0181	0.0137	
12:00-13:00 HOUR	0.0229	0.0114	0.0126	
13:00-14:00 HOUR	0.0190	0.0117	0.0090	
14:00-15:00 HOUR	0.0161	0.0128	0.0051	
15:00-16:00 HOUR	0.0073	0.0056	0.0058	
16:00-17:00 HOUR	0.0069	0.0048	0.0079	
17:00-18:00 HOUR	0.0069	0.0049	0.0053	
18:00-19:00 HOUR	0.0064	0.0037	0.0042	
19:00-20:00 HOUR	0.0080	0.0038	0.0034	
20:00-21:00 HOUR	0.0070	0.0032	0.0038	
21:00-22:00 HOUR	0.0290	0.0078	0.0036	
22:00-23:00 HOUR	0.0401	0.0120	0.0051	
23:00-00:00 HOUR	0.0359	0.0093	0.0094	
00:00-01:00 HOUR	0.0280	0.0045	0.0053	
01:00-02:00 HOUR	0.0212	0.0034	0.0038	
02:00-03:00 HOUR	0.0223	0.0050	0.0134	
03:00-04:00 HOUR	0.0243	0.0077	0.0043	
04:00-05:00 HOUR	0.0173	0.0113	0.0055	
05:00-06:00 HOUR	0.0166	0.0074	0.0032	
06:00-07:00 HOUR	0.0125	0.0103	0.0032	



TIME *	RESULT (ppm)			
	NITROGEN DIOXIDE			
	WAT PHA SADET			
	OCTOBER 25 - 26, 2023 T23AV477-0011	OCTOBER 26 - 27, 2023 T23AV477-0012	OCTOBER 27 - 28, 2023 T23AV477-0013	OCTOBER 28 - 29, 2023 T23AV477-0014
07:00-08:00 HOUR	0.0052	0.0029	0.0033	0.0042
08:00-09:00 HOUR	0.0058	0.0046	0.0019	0.0062
09:00-10:00 HOUR	0.0126	0.0119	0.0033	0.0054
10:00-11:00 HOUR	0.0129	0.0123	0.0034	0.0087
11:00-12:00 HOUR	0.0080	0.0156	0.0039	0.0127
12:00-13:00 HOUR	0.0108	0.0121	0.0051	0.0066
13:00-14:00 HOUR	0.0094	0.0079	0.0081	0.0056
14:00-15:00 HOUR	0.0163	0.0101	0.0408	0.0048
15:00-16:00 HOUR	0.0215	0.0051	0.0195	0.0042
16:00-17:00 HOUR	0.0175	0.0051	0.0132	0.0070
17:00-18:00 HOUR	0.0125	0.0040	0.0044	0.0138
18:00-19:00 HOUR	0.0057	0.0040	0.0047	0.0137
19:00-20:00 HOUR	0.0047	0.0040	0.0084	0.0162
20:00-21:00 HOUR	0.0094	0.0021	0.0096	0.0084
21:00-22:00 HOUR	0.0138	0.0023	0.0076	0.0085
22:00-23:00 HOUR	0.0133	0.0036	0.0113	0.0088
23:00-00:00 HOUR	0.0047	0.0023	0.0099	0.0079
00:00-01:00 HOUR	0.0037	0.0035	0.0100	0.0079
01:00-02:00 HOUR	0.0026	0.0034	0.0069	0.0078
02:00-03:00 HOUR	0.0014	0.0036	0.0057	0.0080
03:00-04:00 HOUR	0.0027	0.0042	0.0052	0.0079
04:00-05:00 HOUR	0.0046	0.0042	0.0049	0.0049
05:00-06:00 HOUR	0.0043	0.0025	0.0053	0.0059
06:00-07:00 HOUR	0.0039	0.0032	0.0043	0.0084

Sila Banjongjairuk

(MR SILA BANJONGJAIRUK)
LABORATORY SUPERVISOR

NOVEMBER 6, 2023



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ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (SCP K5+K6)
CUSTOMER NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED
ADDRESS : 99,219,301 MOO 9,5,5, MITRAPARB ROAD TABKWANG KAENGKOI SARABURI 18260
CONTACT INFORMATION : TEL : 08 1929 1310 e-mail : PIYAWAT.PHOTIMONGKONKUL@SIAMCITYCEMENT.COM
MEASURING PLACE : WAT PHA SADEI
MEASURING TYPE : AMBIENT (AIR) **RECEIVED DATE** : OCTOBER 22-29, 2023
MEASURING DATE : OCTOBER 22-29, 2023 **ANALYTICAL DATE** : OCTOBER 22-29, 2023
MEASURING TIME : * **REPORT NO.** : 2023-U094527
MEASURING METHOD : UV FLUORESCENCE **WORK NO.** : 2021-001113
MEASURED BY : MR UTHAI KAEWRAKMOOK **ANALYSIS NO.** : T23AV477-0008 - T23AV477-0014

วันที่ *	RESULT (ppm)		
	SULPHUR DIOXIDE		
	WAT PHA SADEI		
	OCTOBER 22 - 23, 2023 T23AV477-0008	OCTOBER 23 - 24, 2023 T23AV477-0009	OCTOBER 24 - 25, 2023 T23AV477-0010
07:00-08:00 HOUR	0.0043	0.0042	0.0050
08:00-09:00 HOUR	0.0044	0.0042	0.0049
09:00-10:00 HOUR	0.0048	0.0031	0.0050
10:00-11:00 HOUR	0.0047	0.0031	0.0048
11:00-12:00 HOUR	0.0046	0.0046	0.0048
12:00-13:00 HOUR	0.0046	0.0044	0.0047
13:00-14:00 HOUR	0.0046	0.0045	0.0048
14:00-15:00 HOUR	0.0046	0.0050	0.0047
15:00-16:00 HOUR	0.0046	0.0046	0.0049
16:00-17:00 HOUR	0.0046	0.0045	0.0045
17:00-18:00 HOUR	0.0047	0.0047	0.0040
18:00-19:00 HOUR	0.0047	0.0040	0.0030
19:00-20:00 HOUR	0.0047	0.0033	0.0033
20:00-21:00 HOUR	0.0047	0.0031	0.0034
21:00-22:00 HOUR	0.0048	0.0040	0.0031
22:00-23:00 HOUR	0.0040	0.0041	0.0032
23:00-00:00 HOUR	0.0041	0.0050	0.0036
00:00-01:00 HOUR	0.0041	0.0050	0.0035
01:00-02:00 HOUR	0.0033	0.0044	0.0044
02:00-03:00 HOUR	0.0033	0.0042	0.0043
03:00-04:00 HOUR	0.0030	0.0035	0.0035
04:00-05:00 HOUR	0.0042	0.0044	0.0042
05:00-06:00 HOUR	0.0031	0.0045	0.0032
06:00-07:00 HOUR	0.0043	0.0034	0.0033
AVERAGE 24 HOUR	0.0043	0.0042	0.0040



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วันที่ *	RESULT (ppm)			
	SULPHUR DIOXIDE			
	WAT PHA SADEI			
	OCTOBER 25 - 26, 2023 T23AV477-0011	OCTOBER 26 - 27, 2023 T23AV477-0012	OCTOBER 27 - 28, 2023 T23AV477-0013	OCTOBER 28 - 29, 2023 T23AV477-0014
07:00-08:00 HOUR	0.0037	0.0026	0.0029	0.0026
08:00-09:00 HOUR	0.0035	0.0027	0.0030	0.0025
09:00-10:00 HOUR	0.0032	0.0032	0.0033	0.0025
10:00-11:00 HOUR	0.0033	0.0033	0.0033	0.0025
11:00-12:00 HOUR	0.0033	0.0033	0.0034	0.0025
12:00-13:00 HOUR	0.0030	0.0028	0.0045	0.0024
13:00-14:00 HOUR	0.0034	0.0029	0.0028	0.0025
14:00-15:00 HOUR	0.0033	0.0030	0.0027	0.0025
15:00-16:00 HOUR	0.0033	0.0032	0.0027	0.0025
16:00-17:00 HOUR	0.0044	0.0033	0.0026	0.0025
17:00-18:00 HOUR	0.0044	0.0033	0.0025	0.0025
18:00-19:00 HOUR	0.0036	0.0033	0.0025	0.0026
19:00-20:00 HOUR	0.0037	0.0032	0.0026	0.0026
20:00-21:00 HOUR	0.0039	0.0033	0.0025	0.0025
21:00-22:00 HOUR	0.0036	0.0027	0.0025	0.0024
22:00-23:00 HOUR	0.0035	0.0026	0.0025	0.0024
23:00-00:00 HOUR	0.0035	0.0027	0.0026	0.0025
00:00-01:00 HOUR	0.0049	0.0027	0.0026	0.0024
01:00-02:00 HOUR	0.0038	0.0027	0.0026	0.0023
02:00-03:00 HOUR	0.0038	0.0027	0.0026	0.0024
03:00-04:00 HOUR	0.0026	0.0027	0.0026	0.0024
04:00-05:00 HOUR	0.0029	0.0037	0.0025	0.0024
05:00-06:00 HOUR	0.0029	0.0027	0.0025	0.0024
06:00-07:00 HOUR	0.0027	0.0028	0.0025	0.0024
AVERAGE 24 HOUR	0.0035	0.0030	0.0028	0.0025


(MR. SILA BANJONGJAIRUK)
LABORATORY SUPERVISOR

NOVEMBER 6, 2023

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2023-U094527

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Tel. 0 2763 2828 Fax 0 2763 2800 www.uaiconsultant.com E-mail: uae@uaiconsultant.com

ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (SCP K5+K6)
CUSTOMER NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED
ADDRESS : 99,219,301 MOO 9,5,5, MITRAPARAB ROAD TABKWANG KAENGKROI SARABURI 18260
CONTACT INFORMATION : TEL : 08 1929 1310 e-mail : PIYAWAT.PHOTIMONGKONKUL@SIAMCITYCEMENT.COM
MEASURING PLACE : WAT PHA SADEI
MEASURING TYPE : AMBIENT (AIR)
MEASURING DATE : OCTOBER 22-29, 2023
MEASURING TIME : *
MEASURING METHOD : WIND SPEED & WIND DIRECTION EQUIPMENT
MEASURED BY : MR LUTAI KAEWRAKMOOK

RECEIVED DATE : OCTOBER 22-29, 2023
ANALYTICAL DATE : OCTOBER 22-29, 2023
REPORT NO. : 2023-U094531
WORK NO. : 2021-001113
ANALYSIS NO. : T23AV477-0008 - T23AV477-0014

TIME *	RESULT (m/s)					
	WAT PHA SADEI					
	OCTOBER 22 - 23, 2023		OCTOBER 23 - 24, 2023		OCTOBER 24 - 25, 2023	
	T23AV477-0008		T23AV477-0009		T23AV477-0010	
	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION
07:00-08:00 HOUR	2.8	S	1.7	WSW	1.6	W
08:00-09:00 HOUR	3.0	SSE	1.9	SW	1.9	W
09:00-10:00 HOUR	0.9	S	2.2	WNW	1.7	W
10:00-11:00 HOUR	0.6	S	3.6	SSE	1.6	WSW
11:00-12:00 HOUR	1.6	SSE	2.4	SE	2.9	WNW
12:00-13:00 HOUR	1.8	S	3.7	SSE	3.0	W
13:00-14:00 HOUR	2.0	S	2.7	ESE	3.4	ESE
14:00-15:00 HOUR	2.0	SSW	2.7	SE	2.7	SE
15:00-16:00 HOUR	2.3	SSE	2.7	ESE	2.7	WSW
16:00-17:00 HOUR	2.3	NE	2.6	ESE	3.1	WSW
17:00-18:00 HOUR	1.8	NE	3.5	ESE	3.0	WSW
18:00-19:00 HOUR	2.6	ESE	2.7	E	2.6	SW
19:00-20:00 HOUR	2.5	ESE	2.3	E	2.9	WNW
20:00-21:00 HOUR	3.5	NNE	2.2	ENE	2.3	W
21:00-22:00 HOUR	3.4	NNE	2.1	E	1.7	NW
22:00-23:00 HOUR	2.3	ESE	2.2	E	1.6	NNW
23:00-00:00 HOUR	3.4	ESE	2.2	ENE	1.9	NNW
00:00-01:00 HOUR	2.8	SSE	1.9	ESE	1.5	WNW
01:00-02:00 HOUR	2.2	SSE	1.2	ESE	1.7	NNE
02:00-03:00 HOUR	1.7	SSE	1.1	SSE	1.6	NNW
03:00-04:00 HOUR	2.0	SSW	1.0	SSW	2.3	SW
04:00-05:00 HOUR	1.2	SSE	0.7	SSW	1.6	NNW
05:00-06:00 HOUR	1.0	WSW	1.0	SW	1.6	S
06:00-07:00 HOUR	0.7	WSW	1.5	SW	2.4	SSE

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TIME *	RESULT (m/s)							
	WAT PHA SADEI							
	OCTOBER 25 - 26, 2023		OCTOBER 26 - 27, 2023		OCTOBER 27 - 28, 2023		OCTOBER 28 - 29, 2023	
	T23AV477-0011		T23AV477-0012		T23AV477-0013		T23AV477-0014	
	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION
07:00-08:00 HOUR	2.3	NNE	2.4	ESE	3.2	NE	1.0	ENE
08:00-09:00 HOUR	1.9	NE	1.7	ENE	2.4	NNE	1.2	E
09:00-10:00 HOUR	1.7	NE	2.9	ENE	2.7	ENE	1.1	SE
10:00-11:00 HOUR	1.2	E	2.7	NNE	2.4	ENE	1.0	SE
11:00-12:00 HOUR	1.0	ESE	2.5	NNE	3.1	E	1.1	SE
12:00-13:00 HOUR	1.0	NNE	2.3	NNE	2.7	ESE	1.0	SSE
13:00-14:00 HOUR	0.9	S	2.9	NNE	2.3	E	1.2	NNE
14:00-15:00 HOUR	1.2	SSE	2.9	NNE	2.0	ESE	1.0	NE
15:00-16:00 HOUR	2.0	S	3.2	N	2.0	SE	1.2	ESE
16:00-17:00 HOUR	1.7	NNW	2.8	NNE	2.3	WNW	1.3	NE
17:00-18:00 HOUR	1.8	NNW	2.3	N	2.9	WNW	1.8	NE
18:00-19:00 HOUR	1.6	WSW	2.1	N	2.6	NW	1.6	ESE
19:00-20:00 HOUR	2.1	SW	2.2	NNW	2.4	W	1.7	NE
20:00-21:00 HOUR	2.0	SW	1.3	WSW	2.7	SSW	1.6	ESE
21:00-22:00 HOUR	2.3	SSW	1.2	SW	2.2	WSW	1.7	SE
22:00-23:00 HOUR	1.9	SW	1.3	SSE	2.4	SE	1.2	S
23:00-00:00 HOUR	2.1	S	0.9	E	2.2	ESE	0.7	SSW
00:00-01:00 HOUR	2.8	SE	1.1	ENE	2.3	SE	1.0	SSW
01:00-02:00 HOUR	2.7	SE	1.1	SE	2.3	E	1.0	SW
02:00-03:00 HOUR	3.4	SE	0.9	ENE	1.9	ENE	0.8	NW
03:00-04:00 HOUR	2.3	SE	1.1	ENE	1.6	E	1.0	N
04:00-05:00 HOUR	2.9	SE	1.6	ENE	1.6	E	0.9	N
05:00-06:00 HOUR	1.8	SE	1.7	NE	1.8	ENE	0.7	N
06:00-07:00 HOUR	2.5	E	2.1	NE	1.4	ENE	1.2	NE

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(MR. SILA BANJONGJAIKUK)
LABORATORY SUPERVISOR

NOVEMBER 6, 2023

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2023-U094531

- End of Analysis Report -

ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (SCP K5+K6)
CUSTOMER NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED
ADDRESS : 99,219,301 MOO 9,5,5, MITRAPARAB ROAD TABKWANG KAEWNGKOL SAKABURI 18260
CONTACT INFORMATION : TEL : 08 1929 1310 e-mail : PIYAWAT.PHOTIMONGKONKUL@SIAMCITYCEMENT.COM
SAMPLING SOURCE : WAT HINLUB
SAMPLE TYPE : AMBIENT
SAMPLING DATE : *, **, ***
SAMPLING TIME : *, **, ***
SAMPLING BY : MR UTHAI KAEWRAKMOOK
ANALYZED BY : MISS JETJARAN TUMSA-AT
RECEIVED DATE : OCTOBER 30, 2023
ANALYTICAL DATE : OCTOBER 30-NOVEMBER 3, 2023
REPORT NO. : 2023-U095124
WORK NO. : 2021-001113
ANALYSIS NO. : T23AV477-0015 - T23AV477-0017

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		
			WAT HINLUB		
			*	**	***
			T23AV477-0015	T23AV477-0016	T23AV477-0017
TOTAL SUSPENDED PARTICULATE	mg/m ³	GRAVIMETRIC (HIGH VOLUME METHOD)	0.027	0.038	0.026
PARTICULATE MATTER (≤ 10 µm)	mg/m ³	GRAVIMETRIC (HIGH VOLUME METHOD)	0.017	0.026	0.014
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 I-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 I-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 09:30 HOUR ON OCTOBER 24, 2023 TO 09:30 HOUR ON OCTOBER 25, 2023.
** : SAMPLING FROM 09:30 HOUR ON OCTOBER 26, 2023 TO 09:30 HOUR ON OCTOBER 27, 2023.
*** : SAMPLING FROM 09:30 HOUR ON OCTOBER 28, 2023 TO 09:30 HOUR ON OCTOBER 29, 2023.

Budsakorn ✓
(MISS BUDSAKORN LERDPANUMAS)
LABORATORY SUPERVISOR

NOVEMBER 8, 2023



ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (SCP K5+K6)
CUSTOMER NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED
ADDRESS : 99,219,301 MOO 9,5,5, MITRAPARAB ROAD TABKWANG KAEWNGKOL SAKABURI 18260
CONTACT INFORMATION : TEL : 08 1929 1310 e-mail : PIYAWAT.PHOTIMONGKONKUL@SIAMCITYCEMENT.COM
SAMPLING SOURCE : WAT HINLUB
SAMPLE TYPE : AMBIENT
SAMPLING DATE : *, **, ***
SAMPLING TIME : *, **, ***
SAMPLING BY : MR UTHAI KAEWRAKMOOK
ANALYZED BY : MISS JETJARAN TUMSA-AT
RECEIVED DATE : OCTOBER 30, 2023
ANALYTICAL DATE : OCTOBER 30-NOVEMBER 3, 2023
REPORT NO. : 2023-U095125
WORK NO. : 2021-001113
ANALYSIS NO. : T23AV477-0018 - T23AV477-0021

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT			
			WAT HINLUB			
			*	**	***	****
			T23AV477-0018	T23AV477-0019	T23AV477-0020	T23AV477-0021
TOTAL SUSPENDED PARTICULATE	mg/m ³	GRAVIMETRIC (HIGH VOLUME METHOD)	0.054	0.055	0.048	0.059
PARTICULATE MATTER (≤ 10 µm)	mg/m ³	GRAVIMETRIC (HIGH VOLUME METHOD)	0.019	0.034	0.030	0.033
SAMPLE CONDITION			COMPLETE	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 I-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 I-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 09:30 HOUR ON OCTOBER 25, 2023 TO 09:30 HOUR ON OCTOBER 26, 2023.
** : SAMPLING FROM 09:30 HOUR ON OCTOBER 26, 2023 TO 09:30 HOUR ON OCTOBER 27, 2023.
*** : SAMPLING FROM 09:30 HOUR ON OCTOBER 27, 2023 TO 09:30 HOUR ON OCTOBER 28, 2023.
**** : SAMPLING FROM 09:30 HOUR ON OCTOBER 28, 2023 TO 09:30 HOUR ON OCTOBER 29, 2023.

Budsakorn ✓
(MISS BUDSAKORN LERDPANUMAS)
LABORATORY SUPERVISOR

NOVEMBER 8, 2023





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ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (SCP K5+K6)
CUSTOMER NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED
ADDRESS : 99,219,301 MOO 9,5,5, MITRAPARB ROAD TABKWANG KAENGKOT SARABURI 18260
CONTACT INFORMATION : TEL : 08 1929 1310 e-mail : PIYAWAT.PHOTIMONGKONKUL@SIAMCITYCEMENT.COM
MEASURING PLACE : WAT HINLUB
MEASURING TYPE : AMBIENT (AIR) **RECEIVED DATE** : OCTOBER 22-29, 2023
MEASURING DATE : OCTOBER 22-29, 2023 **ANALYTICAL DATE** : OCTOBER 22-29, 2023
MEASURING TIME : * **REPORT NO.** : 2023-U094524
MEASURING METHOD : CHEMILUMINESCENCE **WORK NO.** : 2021-001113
MEASURED BY : MR UTHAI KAEWRAMOOK **ANALYSIS NO.** : T23AV477-0015 - T23AV477-0021

TIME *	RESULT (ppm)			
	NITROGEN DIOXIDE			
	WAT HINLUB			
	OCTOBER 22 - 23, 2023 T23AV477-0015	OCTOBER 23 - 24, 2023 T23AV477-0016	OCTOBER 24 - 25, 2023 T23AV477-0017	
07:00-08:00 HOUR	0.0022	0.0034	0.0022	
08:00-09:00 HOUR	0.0017	0.0038	0.0018	
09:00-10:00 HOUR	0.0015	0.0036	0.0032	
10:00-11:00 HOUR	0.0039	0.0021	0.0026	
11:00-12:00 HOUR	0.0063	0.0020	0.0034	
12:00-13:00 HOUR	0.0070	0.0033	0.0039	
13:00-14:00 HOUR	0.0023	0.0055	0.0024	
14:00-15:00 HOUR	0.0021	0.0024	0.0018	
15:00-16:00 HOUR	0.0020	0.0022	0.0018	
16:00-17:00 HOUR	0.0019	0.0025	0.0019	
17:00-18:00 HOUR	0.0021	0.0023	0.0022	
18:00-19:00 HOUR	0.0023	0.0025	0.0041	
19:00-20:00 HOUR	0.0027	0.0020	0.0026	
20:00-21:00 HOUR	0.0041	0.0011	0.0023	
21:00-22:00 HOUR	0.0048	0.0023	0.0039	
22:00-23:00 HOUR	0.0026	0.0029	0.0075	
23:00-00:00 HOUR	0.0037	0.0031	0.0095	
00:00-01:00 HOUR	0.0031	0.0033	0.0062	
01:00-02:00 HOUR	0.0033	0.0025	0.0061	
02:00-03:00 HOUR	0.0034	0.0018	0.0066	
03:00-04:00 HOUR	0.0046	0.0019	0.0059	
04:00-05:00 HOUR	0.0047	0.0019	0.0055	
05:00-06:00 HOUR	0.0058	0.0016	0.0040	
06:00-07:00 HOUR	0.0042	0.0024	0.0034	



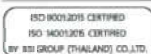
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3 Soi Udomsuk 41, Sukhumvit Road, Bangchak, Phrakhanong, Bangkok 10260
Tel. 0 2763 2828 Fax 0 2763 2800 www.uaeconsultant.com E-mail: uae@uaeconsultant.com

TIME *	RESULT (ppm)			
	NITROGEN DIOXIDE			
	WAT HINLUB			
	OCTOBER 25 - 26, 2023 T23AV477-0018	OCTOBER 26 - 27, 2023 T23AV477-0019	OCTOBER 27 - 28, 2023 T23AV477-0020	OCTOBER 28 - 29, 2023 T23AV477-0021
07:00-08:00 HOUR	0.0025	0.0028	0.0051	0.0029
08:00-09:00 HOUR	0.0025	0.0017	0.0036	0.0019
09:00-10:00 HOUR	0.0037	0.0053	0.0039	0.0018
10:00-11:00 HOUR	0.0083	0.0087	0.0081	0.0060
11:00-12:00 HOUR	0.0079	0.0087	0.0131	0.0126
12:00-13:00 HOUR	0.0017	0.0142	0.0290	0.0164
13:00-14:00 HOUR	0.0017	0.0181	0.0313	0.0212
14:00-15:00 HOUR	0.0017	0.0092	0.0146	0.0153
15:00-16:00 HOUR	0.0020	0.0095	0.0100	0.0033
16:00-17:00 HOUR	0.0019	0.0098	0.0033	0.0152
17:00-18:00 HOUR	0.0020	0.0067	0.0024	0.0083
18:00-19:00 HOUR	0.0022	0.0047	0.0032	0.0096
19:00-20:00 HOUR	0.0028	0.0021	0.0040	0.0142
20:00-21:00 HOUR	0.0030	0.0023	0.0069	0.0084
21:00-22:00 HOUR	0.0066	0.0021	0.0063	0.0035
22:00-23:00 HOUR	0.0060	0.0021	0.0046	0.0032
23:00-00:00 HOUR	0.0049	0.0018	0.0048	0.0044
00:00-01:00 HOUR	0.0033	0.0018	0.0066	0.0040
01:00-02:00 HOUR	0.0023	0.0035	0.0057	0.0049
02:00-03:00 HOUR	0.0015	0.0077	0.0040	0.0044
03:00-04:00 HOUR	0.0050	0.0097	0.0041	0.0036
04:00-05:00 HOUR	0.0072	0.0082	0.0040	0.0025
05:00-06:00 HOUR	0.0067	0.0065	0.0039	0.0023
06:00-07:00 HOUR	0.0040	0.0083	0.0028	0.0028


(MR. SILA BANJONGJAIRUK)

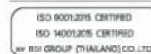
LABORATORY SUPERVISOR

NOVEMBER 6, 2023



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2023-U094524

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ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (SCP KS+K6)
CUSTOMER NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED
ADDRESS : 99,219,301 MOO 9,5,5, MITRAPARB ROAD TABKWANG KAENGKROI SARABURI 18260
CONTACT INFORMATION : TEL : 08 1929 1310 E-mail : PIYAWAT.PHOTIMONGKONKUL@SIAMCITYCEMENT.COM
MEASURING PLACE : WAT HINLUB
MEASURING TYPE : AMBIENT (AIR) **RECEIVED DATE** : OCTOBER 22-29, 2023
MEASURING DATE : OCTOBER 22-29, 2023 **ANALYTICAL DATE** : OCTOBER 22-29, 2023
MEASURING TIME : * **REPORT NO.** : 2023-U094528
MEASURING METHOD : UV FLUORESCENCE **WORK NO.** : 2021-001113
MEASURED BY : MR LUTHAI KAEWRAMOOK **ANALYSIS NO.** : T23AV477-0015 - T23AV477-0021

วันที่ *	RESULT (ppm)			
	SULPHUR DIOXIDE			
	WAT HINLUB			
	OCTOBER 22 - 23, 2023 T23AV477-0015	OCTOBER 23 - 24, 2023 T23AV477-0016	OCTOBER 24 - 25, 2023 T23AV477-0017	
07:00-08:00 HOUR	0.0027	0.0028	0.0028	
08:00-09:00 HOUR	0.0028	0.0028	0.0028	
09:00-10:00 HOUR	0.0029	0.0028	0.0028	
10:00-11:00 HOUR	0.0030	0.0028	0.0028	
11:00-12:00 HOUR	0.0030	0.0028	0.0045	
12:00-13:00 HOUR	0.0029	0.0028	0.0039	
13:00-14:00 HOUR	0.0029	0.0029	0.0035	
14:00-15:00 HOUR	0.0030	0.0028	0.0033	
15:00-16:00 HOUR	0.0030	0.0027	0.0033	
16:00-17:00 HOUR	0.0030	0.0035	0.0033	
17:00-18:00 HOUR	0.0029	0.0032	0.0032	
18:00-19:00 HOUR	0.0029	0.0031	0.0032	
19:00-20:00 HOUR	0.0029	0.0030	0.0031	
20:00-21:00 HOUR	0.0028	0.0028	0.0031	
21:00-22:00 HOUR	0.0029	0.0029	0.0030	
22:00-23:00 HOUR	0.0028	0.0029	0.0031	
23:00-00:00 HOUR	0.0028	0.0029	0.0031	
00:00-01:00 HOUR	0.0028	0.0029	0.0030	
01:00-02:00 HOUR	0.0028	0.0029	0.0030	
02:00-03:00 HOUR	0.0028	0.0028	0.0029	
03:00-04:00 HOUR	0.0028	0.0028	0.0029	
04:00-05:00 HOUR	0.0028	0.0028	0.0029	
05:00-06:00 HOUR	0.0029	0.0028	0.0028	
06:00-07:00 HOUR	0.0029	0.0028	0.0029	
AVERAGE 24 HOUR	0.0029	0.0029	0.0031	

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Tel.0 2763 2828 Fax 0 2763 2800 www.uaeconsultant.com E-mail:uae@uaeconsultant.com

วันที่ *	RESULT (ppm)			
	SULPHUR DIOXIDE			
	WAT HINLUB			
	OCTOBER 25 - 26, 2023 T23AV477-0018	OCTOBER 26 - 27, 2023 T23AV477-0019	OCTOBER 27 - 28, 2023 T23AV477-0020	OCTOBER 28 - 29, 2023 T23AV477-0021
07:00-08:00 HOUR	0.0028	0.0029	0.0029	0.0030
08:00-09:00 HOUR	0.0029	0.0029	0.0029	0.0029
09:00-10:00 HOUR	0.0031	0.0029	0.0029	0.0029
10:00-11:00 HOUR	0.0031	0.0031	0.0030	0.0030
11:00-12:00 HOUR	0.0030	0.0030	0.0030	0.0031
12:00-13:00 HOUR	0.0030	0.0031	0.0032	0.0031
13:00-14:00 HOUR	0.0030	0.0032	0.0031	0.0031
14:00-15:00 HOUR	0.0029	0.0031	0.0030	0.0030
15:00-16:00 HOUR	0.0030	0.0031	0.0031	0.0030
16:00-17:00 HOUR	0.0031	0.0031	0.0030	0.0031
17:00-18:00 HOUR	0.0029	0.0031	0.0030	0.0033
18:00-19:00 HOUR	0.0030	0.0031	0.0030	0.0030
19:00-20:00 HOUR	0.0032	0.0030	0.0029	0.0029
20:00-21:00 HOUR	0.0030	0.0030	0.0029	0.0028
21:00-22:00 HOUR	0.0029	0.0029	0.0029	0.0028
22:00-23:00 HOUR	0.0030	0.0029	0.0029	0.0029
23:00-00:00 HOUR	0.0029	0.0030	0.0029	0.0030
00:00-01:00 HOUR	0.0029	0.0029	0.0028	0.0029
01:00-02:00 HOUR	0.0028	0.0029	0.0028	0.0029
02:00-03:00 HOUR	0.0029	0.0030	0.0028	0.0028
03:00-04:00 HOUR	0.0029	0.0029	0.0028	0.0028
04:00-05:00 HOUR	0.0028	0.0029	0.0028	0.0028
05:00-06:00 HOUR	0.0029	0.0029	0.0028	0.0028
06:00-07:00 HOUR	0.0029	0.0029	0.0029	0.0028
AVERAGE 24 HOUR	0.0030	0.0030	0.0029	0.0029

(MR SILA BANJONGJAIRUK)
LABORATORY SUPERVISOR

NOVEMBER 6, 2023

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2023-U094528

- End of Analysis Report -



United Analyst and Engineering Consultant Co., Ltd.
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Tel.0 2763 2828 Fax 0 2763 2800 www.uaec consultant.com E-mail: uae@uaec consultant.com

ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (SCP K5+K6)
CUSTOMER NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED
ADDRESS : 99,219,301 MOO 9,5,5, MITRAPARB ROAD TABKWANG KAENGKOL SARABUK 18260
CONTACT INFORMATION : TEL : 08 1929 1310 e-mail : PIYAWAT.PHOTIMONGKONKUL@SIAMCITYCEMENT.COM
MEASURING PLACE : WAT HINLUB
MEASURING TYPE : AMBIENT (AIR) **RECEIVED DATE** : OCTOBER 22-29, 2023
MEASURING DATE : OCTOBER 22-29, 2023 **ANALYTICAL DATE** : OCTOBER 22-29, 2023
MEASURING TIME : * **REPORT NO.** : 2023-U094532
MEASURING METHOD : WIND SPEED & WIND DIRECTION EQUIPMENT **WORK NO.** : 2021-001113
MEASURED BY : MR.UTHAJ KAEWRAKMOOK **ANALYSIS NO.** : T23AV477-0015 - T23AV477-0021

TIME #	RESULT (m/s)					
	WAT HINLUB					
	OCTOBER 22 - 23, 2023		OCTOBER 23 - 24, 2023		OCTOBER 24 - 25, 2023	
	T23AV477-0015		T23AV477-0016		T23AV477-0017	
	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION
07:00-08:00 HOUR	2.3	NNE	1.5	SW	1.6	WSW
08:00-09:00 HOUR	3.2	NNE	1.7	WSW	1.8	SW
09:00-10:00 HOUR	2.9	NNE	1.3	W	1.4	W
10:00-11:00 HOUR	2.7	NNE	2.3	SE	2.4	W
11:00-12:00 HOUR	2.3	NNE	0.5	SE	1.6	W
12:00-13:00 HOUR	2.8	NNE	1.4	ESE	1.5	WSW
13:00-14:00 HOUR	2.4	NNE	1.0	E	2.0	SW
14:00-15:00 HOUR	1.6	NNE	0.8	ENE	1.6	WSW
15:00-16:00 HOUR	2.0	NNE	1.0	NE	1.6	WSW
16:00-17:00 HOUR	2.2	NE	1.1	NE	1.2	W
17:00-18:00 HOUR	1.9	ENE	0.9	ESE	1.0	NW
18:00-19:00 HOUR	2.4	NE	1.1	NE	1.0	WNW
19:00-20:00 HOUR	1.8	ENE	1.2	SSW	0.7	NW
20:00-21:00 HOUR	1.8	ENE	1.0	S	1.1	NW
21:00-22:00 HOUR	1.7	ENE	1.6	WNW	1.2	W
22:00-23:00 HOUR	1.1	E	1.4	WSW	1.0	W
23:00-00:00 HOUR	0.9	E	2.1	WNW	1.1	WSW
00:00-01:00 HOUR	1.1	SE	1.8	NNW	1.3	WSW
01:00-02:00 HOUR	0.8	ESE	2.7	NNW	1.4	W
02:00-03:00 HOUR	1.1	SSE	2.4	NW	2.2	SW
03:00-04:00 HOUR	1.0	S	3.1	WSW	1.8	SE
04:00-05:00 HOUR	0.6	SW	2.5	WNW	1.7	S
05:00-06:00 HOUR	0.9	WSW	1.8	WSW	1.9	SE
06:00-07:00 HOUR	0.9	WSW	1.9	WSW	1.9	ESE



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TIME #	RESULT (m/s)							
	WAT HINLUB							
	OCTOBER 25 - 26, 2023		OCTOBER 26 - 27, 2023		OCTOBER 27 - 28, 2023		OCTOBER 28 - 29, 2023	
	T23AV477-0018		T23AV477-0019		T23AV477-0020		T23AV477-0021	
	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION
07:00-08:00 HOUR	1.6	E	1.2	ESE	1.7	E	1.0	N
08:00-09:00 HOUR	1.9	E	1.5	ESE	1.8	SE	0.8	NW
09:00-10:00 HOUR	1.9	ESE	1.4	SE	1.8	SE	1.6	W
10:00-11:00 HOUR	1.8	E	1.2	SSE	1.7	SSE	1.7	W
11:00-12:00 HOUR	1.9	E	1.2	SSW	0.9	SSE	2.3	WNW
12:00-13:00 HOUR	1.6	E	1.1	SSW	1.3	SSE	2.7	NW
13:00-14:00 HOUR	1.8	E	1.1	SSE	1.5	SE	2.1	NW
14:00-15:00 HOUR	1.2	E	1.0	ESE	1.7	SE	2.8	WNW
15:00-16:00 HOUR	1.0	E	0.7	E	2.4	SE	2.7	WSW
16:00-17:00 HOUR	1.2	E	1.2	ESE	2.4	ENE	2.3	W
17:00-18:00 HOUR	1.5	ESE	1.3	ESE	2.7	ENE	3.2	W
18:00-19:00 HOUR	1.8	ESE	1.9	ENE	3.2	E	3.2	W
19:00-20:00 HOUR	2.0	SSE	2.1	E	2.5	E	2.7	WSW
20:00-21:00 HOUR	1.6	WNW	2.0	E	2.4	E	3.1	W
21:00-22:00 HOUR	1.1	S	1.6	E	2.4	ESE	3.1	WSW
22:00-23:00 HOUR	1.1	W	1.3	NE	3.0	ESE	2.4	NNW
23:00-00:00 HOUR	0.7	W	1.1	NNE	2.1	SE	2.5	WNW
00:00-01:00 HOUR	0.8	WNW	1.0	NE	2.8	SE	2.0	NNE
01:00-02:00 HOUR	0.8	S	1.1	NNE	1.7	S	2.8	NW
02:00-03:00 HOUR	1.1	SE	0.9	NNE	2.0	SSW	1.8	N
03:00-04:00 HOUR	0.8	SSE	1.2	ENE	1.1	NNW	1.5	NNE
04:00-05:00 HOUR	0.9	SSE	0.8	ENE	1.3	W	1.7	N
05:00-06:00 HOUR	0.9	ENE	0.9	ENE	1.1	NW	2.1	N
06:00-07:00 HOUR	1.0	E	1.5	E	0.8	NW	2.2	N

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(MR. SILA BANJONGJAIKUL)
LABORATORY SUPERVISOR

NOVEMBER 6, 2023

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2023-U094532

- End of Analysis Report -

ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (SCP K5+K6)
CUSTOMER NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED
ADDRESS : 99,219,301 MOO 9,5,5, MITRAPARK ROAD TABKWANG KAENGKROI SARABURI 18260
CONTACT INFORMATION : TEL : 08 1929 1310 e-mail : PIYAWAT.PHOTIMONGKONKUL@SIAMCITYCEMENT.COM
SAMPLING SOURCE : WAT SUBPRADOO
SAMPLE TYPE : AMBIENT
SAMPLING DATE : *, **, ***
SAMPLING TIME : *, **, ***
SAMPLING BY : MR UTHAI KAEWRAKMOOK
ANALYZED BY : MISS JETJARIN TUMSA-AT
RECEIVED DATE : AUGUST 10, 2023
ANALYTICAL DATE : AUGUST 10-15, 2023
REPORT NO. : 2023-U068106
WORK NO. : 2021-001113
ANALYSIS NO. : T23AP370-0015 - T23AP370-0017

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		
			WAT SUBPRADOO		
			* T23AP370-0015	** T23AP370-0016	*** T23AP370-0017
TOTAL SUSPENDED PARTICULATE	mg/m ³	GRAVIMETRIC (HIGH VOLUME METHOD)	0.107	0.151	0.105
PARTICULATE MATTER (≤ 10 µm)	mg/m ³	GRAVIMETRIC (HIGH VOLUME METHOD)	0.065	0.094	0.057
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 I-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 I-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 09:30 HOUR ON AUGUST 2, 2023 TO 09:30 HOUR ON AUGUST 3, 2023.
** : SAMPLING FROM 09:30 HOUR ON AUGUST 3, 2023 TO 09:30 HOUR ON AUGUST 4, 2023.
*** : SAMPLING FROM 09:30 HOUR ON AUGUST 4, 2023 TO 09:30 HOUR ON AUGUST 5, 2023.

Budsakorn ✓
(MISS BUDSAKORN LERDPANUMAS)
LABORATORY SUPERVISOR

AUGUST 21, 2023



ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (SCP K5+K6)
CUSTOMER NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED
ADDRESS : 99,219,301 MOO 9,5,5, MITRAPARK ROAD TABKWANG KAENGKROI SARABURI 18260
CONTACT INFORMATION : TEL : 08 1929 1310 e-mail : PIYAWAT.PHOTIMONGKONKUL@SIAMCITYCEMENT.COM
SAMPLING SOURCE : WAT SUBPRADOO
SAMPLE TYPE : AMBIENT
SAMPLING DATE : *, **, ***
SAMPLING TIME : *, **, ***
SAMPLING BY : MR UTHAI KAEWRAKMOOK
ANALYZED BY : MISS JETJARIN TUMSA-AT
RECEIVED DATE : AUGUST 10, 2023
ANALYTICAL DATE : AUGUST 10-15, 2023
REPORT NO. : 2023-U068106
WORK NO. : 2021-001113
ANALYSIS NO. : T23AP370-0018 - T23AP370-0021

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT			
			WAT SUBPRADOO			
			* T23AP370-0018	** T23AP370-0019	*** T23AP370-0020	**** T23AP370-0021
TOTAL SUSPENDED PARTICULATE	mg/m ³	GRAVIMETRIC (HIGH VOLUME METHOD)	0.082	0.035	0.044	0.114
PARTICULATE MATTER (≤ 10 µm)	mg/m ³	GRAVIMETRIC (HIGH VOLUME METHOD)	0.029	0.021	0.017	0.049
SAMPLE CONDITION			COMPLETE	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 I-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 I-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 09:30 HOUR ON AUGUST 5, 2023 TO 09:30 HOUR ON AUGUST 6, 2023.
** : SAMPLING FROM 09:30 HOUR ON AUGUST 6, 2023 TO 09:30 HOUR ON AUGUST 7, 2023.
*** : SAMPLING FROM 09:30 HOUR ON AUGUST 7, 2023 TO 09:30 HOUR ON AUGUST 8, 2023.
**** : SAMPLING FROM 09:30 HOUR ON AUGUST 8, 2023 TO 09:30 HOUR ON AUGUST 9, 2023.

Budsakorn ✓
(MISS BUDSAKORN LERDPANUMAS)
LABORATORY SUPERVISOR

AUGUST 21, 2023





United Analyst and Engineering Consultant Co., Ltd.
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ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (SCP K5+K6)
CUSTOMER NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED
ADDRESS : 99,219,301 MOO 9,5,5, MITRAPARB ROAD TABKWANG KAENGKOEI SARABURI 18260
CONTACT INFORMATION : TEL : 08 1929 1310 e-mail : PIYAWAT.PHOTIMONGKONKUL@SIAMCITYCEMENT.COM
MEASURING PLACE : WAT SUBPRADOO
MEASURING TYPE : AMBIENT (AIR) **RECEIVED DATE** : AUGUST 2-9, 2023
MEASURING DATE : AUGUST 2-9, 2023 **ANALYTICAL DATE** : AUGUST 2-9, 2023
MEASURING TIME : * **REPORT NO.** : 2023-U067019
MEASURING METHOD : CHEMILUMINESCENCE **WORK NO.** : 2021-00113
MEASURED BY : MR UTHAI KAEWRAKMOOK **ANALYSIS NO.** : T23AP370-0015 - T23AP370-0021

TIME *	RESULT (ppm)		
	NITROGEN DIOXIDE		
	WAT SUBPRADOO		
	AUGUST 2 - 3, 2023 T23AP370-0015	AUGUST 3 - 4, 2023 T23AP370-0016	AUGUST 4 - 5, 2023 T23AP370-0017
07:00-08:00 HOUR	0.0049	0.0058	0.0048
08:00-09:00 HOUR	0.0037	0.0057	0.0061
09:00-10:00 HOUR	0.0030	0.0056	0.0059
10:00-11:00 HOUR	0.0032	0.0057	0.0076
11:00-12:00 HOUR	0.0040	0.0054	0.0102
12:00-13:00 HOUR	0.0072	0.0081	0.0166
13:00-14:00 HOUR	0.0087	0.0135	0.0268
14:00-15:00 HOUR	0.0115	0.0233	0.0219
15:00-16:00 HOUR	0.0145	0.0234	0.0118
16:00-17:00 HOUR	0.0158	0.0160	0.0106
17:00-18:00 HOUR	0.0082	0.0175	0.0070
18:00-19:00 HOUR	0.0117	0.0106	0.0095
19:00-20:00 HOUR	0.0072	0.0165	0.0204
20:00-21:00 HOUR	0.0054	0.0149	0.0177
21:00-22:00 HOUR	0.0069	0.0109	0.0152
22:00-23:00 HOUR	0.0032	0.0127	0.0135
23:00-00:00 HOUR	0.0027	0.0120	0.0129
00:00-01:00 HOUR	0.0066	0.0098	0.0114
01:00-02:00 HOUR	0.0069	0.0104	0.0103
02:00-03:00 HOUR	0.0081	0.0097	0.0108
03:00-04:00 HOUR	0.0077	0.0088	0.0124
04:00-05:00 HOUR	0.0070	0.0080	0.0153
05:00-06:00 HOUR	0.0068	0.0078	0.0156
06:00-07:00 HOUR	0.0068	0.0063	0.0186



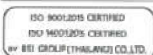
United Analyst and Engineering Consultant Co., Ltd.
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Tel.0 2763 2828 Fax 0 2763 2800 www.uaeconsultant.com E-mail: uae@uaeconsultant.com

TIME *	RESULT (ppm)			
	NITROGEN DIOXIDE			
	WAT SUBPRADOO			
	AUGUST 5 - 6, 2023 T23AP370-0018	AUGUST 6 - 7, 2023 T23AP370-0019	AUGUST 7 - 8, 2023 T23AP370-0020	AUGUST 8 - 9, 2023 T23AP370-0021
07:00-08:00 HOUR	0.0199	0.0124	0.0106	0.0061
08:00-09:00 HOUR	0.0160	0.0037	0.0139	0.0064
09:00-10:00 HOUR	0.0168	0.0035	0.0077	0.0093
10:00-11:00 HOUR	0.0138	0.0039	0.0064	0.0073
11:00-12:00 HOUR	0.0140	0.0031	0.0095	0.0097
12:00-13:00 HOUR	0.0133	0.0075	0.0067	0.0147
13:00-14:00 HOUR	0.0115	0.0076	0.0101	0.0106
14:00-15:00 HOUR	0.0120	0.0040	0.0116	0.0080
15:00-16:00 HOUR	0.0091	0.0094	0.0093	0.0046
16:00-17:00 HOUR	0.0114	0.0088	0.0046	0.0031
17:00-18:00 HOUR	0.0112	0.0042	0.0080	0.0028
18:00-19:00 HOUR	0.0118	0.0057	0.0136	0.0054
19:00-20:00 HOUR	0.0102	0.0033	0.0086	0.0051
20:00-21:00 HOUR	0.0086	0.0029	0.0073	0.0021
21:00-22:00 HOUR	0.0094	0.0029	0.0111	0.0050
22:00-23:00 HOUR	0.0082	0.0027	0.0104	0.0029
23:00-00:00 HOUR	0.0091	0.0026	0.0091	0.0028
00:00-01:00 HOUR	0.0081	0.0022	0.0091	0.0023
01:00-02:00 HOUR	0.0073	0.0026	0.0109	0.0029
02:00-03:00 HOUR	0.0067	0.0022	0.0125	0.0030
03:00-04:00 HOUR	0.0067	0.0022	0.0100	0.0026
04:00-05:00 HOUR	0.0059	0.0038	0.0098	0.0039
05:00-06:00 HOUR	0.0057	0.0024	0.0125	0.0041
06:00-07:00 HOUR	0.0057	0.0033	0.0076	0.0039


(MR. SILA BANJONGJATURK)

LABORATORY SUPERVISOR

AUGUST 15, 2023



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ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (SCP K5+K6)
CUSTOMER NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED
ADDRESS : 99,219,301 MOO 9,5,5, MITRAPARB ROAD TABKWANG KAENGKOE SARABURI 18260
CONTACT INFORMATION : TEL : 08 1929 1310 e-mail : PIYAWAT.PHOTIMONGKONKUL@SIAMCITYCEMENT.COM
MEASURING PLACE : WAT SUBPRADOO
MEASURING TYPE : AMBIENT (AIR)
MEASURING DATE : AUGUST 2-9, 2023
MEASURING TIME : *
MEASURING METHOD : UV FLUORESCENCE
MEASURED BY : MR LUTHAI KAEWRAKMOOK

RECEIVED DATE : AUGUST 2-9, 2023
ANALYTICAL DATE : AUGUST 2-9, 2023
REPORT NO. : 2023-U067023
WORK NO. : 2021-001113
ANALYSIS NO. : T23AP370-0015 - T23AP370-0021

เวลา *	RESULT (ppm)		
	SULPHUR DIOXIDE		
	WAT SUBPRADOO		
	AUGUST 2 - 3, 2023 T23AP370-0015	AUGUST 3 - 4, 2023 T23AP370-0016	AUGUST 4 - 5, 2023 T23AP370-0017
07:00-08:00 HOUR	0.0036	0.0036	0.0036
08:00-09:00 HOUR	0.0037	0.0036	0.0036
09:00-10:00 HOUR	0.0035	0.0036	0.0035
10:00-11:00 HOUR	0.0035	0.0035	0.0036
11:00-12:00 HOUR	0.0035	0.0035	0.0035
12:00-13:00 HOUR	0.0035	0.0035	0.0035
13:00-14:00 HOUR	0.0035	0.0034	0.0035
14:00-15:00 HOUR	0.0035	0.0035	0.0035
15:00-16:00 HOUR	0.0035	0.0035	0.0035
16:00-17:00 HOUR	0.0035	0.0034	0.0034
17:00-18:00 HOUR	0.0036	0.0035	0.0034
18:00-19:00 HOUR	0.0036	0.0034	0.0034
19:00-20:00 HOUR	0.0036	0.0034	0.0035
20:00-21:00 HOUR	0.0036	0.0035	0.0035
21:00-22:00 HOUR	0.0036	0.0035	0.0036
22:00-23:00 HOUR	0.0036	0.0035	0.0035
23:00-00:00 HOUR	0.0036	0.0036	0.0036
00:00-01:00 HOUR	0.0036	0.0035	0.0036
01:00-02:00 HOUR	0.0036	0.0035	0.0035
02:00-03:00 HOUR	0.0036	0.0036	0.0036
03:00-04:00 HOUR	0.0037	0.0035	0.0036
04:00-05:00 HOUR	0.0036	0.0036	0.0036
05:00-06:00 HOUR	0.0036	0.0037	0.0036
06:00-07:00 HOUR	0.0036	0.0036	0.0036
AVERAGE 24 HOUR	0.0036	0.0035	0.0035

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เวลา *	RESULT (ppm)			
	SULPHUR DIOXIDE			
	WAT SUBPRADOO			
	AUGUST 5 - 6, 2023 T23AP370-0018	AUGUST 6 - 7, 2023 T23AP370-0019	AUGUST 7 - 8, 2023 T23AP370-0020	AUGUST 8 - 9, 2023 T23AP370-0021
07:00-08:00 HOUR	0.0037	0.0037	0.0043	0.0043
08:00-09:00 HOUR	0.0036	0.0036	0.0033	0.0043
09:00-10:00 HOUR	0.0036	0.0036	0.0022	0.0033
10:00-11:00 HOUR	0.0036	0.0035	0.0033	0.0033
11:00-12:00 HOUR	0.0035	0.0035	0.0037	0.0043
12:00-13:00 HOUR	0.0035	0.0035	0.0033	0.0031
13:00-14:00 HOUR	0.0035	0.0035	0.0033	0.0033
14:00-15:00 HOUR	0.0035	0.0037	0.0033	0.0033
15:00-16:00 HOUR	0.0035	0.0036	0.0032	0.0033
16:00-17:00 HOUR	0.0035	0.0036	0.0033	0.0034
17:00-18:00 HOUR	0.0035	0.0036	0.0033	0.0034
18:00-19:00 HOUR	0.0035	0.0036	0.0033	0.0034
19:00-20:00 HOUR	0.0023	0.0036	0.0034	0.0035
20:00-21:00 HOUR	0.0022	0.0037	0.0034	0.0035
21:00-22:00 HOUR	0.0023	0.0036	0.0034	0.0036
22:00-23:00 HOUR	0.0022	0.0036	0.0035	0.0036
23:00-00:00 HOUR	0.0023	0.0037	0.0036	0.0035
00:00-01:00 HOUR	0.0036	0.0036	0.0031	0.0034
01:00-02:00 HOUR	0.0036	0.0035	0.0034	0.0035
02:00-03:00 HOUR	0.0037	0.0025	0.0046	0.0045
03:00-04:00 HOUR	0.0037	0.0025	0.0043	0.0035
04:00-05:00 HOUR	0.0037	0.0036	0.0034	0.0049
05:00-06:00 HOUR	0.0037	0.0035	0.0033	0.0036
06:00-07:00 HOUR	0.0038	0.0023	0.0033	0.0031
AVERAGE 24 HOUR	0.0033	0.0034	0.0034	0.0036

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2023-U067023

- End of Analysis Report -



United Analyst and Engineering Consultant Co., Ltd.
3 Soi Udomsuk 41, Sukhumvit Road, Bangchak, Phrakhanong, Bangkok 10260
Tel.0 2763 2828 Fax 0 2763 2800 www.uaeconsultant.com E-mail: uae@uaeconsultant.com

ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (SCP K5+K6)
CUSTOMER NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED
ADDRESS : 99,219,301 MOO 9,5,5, MITRAPARB ROAD TABKWANG KAENGKOT SARABURI 18260
CONTACT INFORMATION : TEL : 08 1929 1310 e-mail : PIYAWAT.PHOTIMONGKONKUL@SIAMCITYCEMENT.COM
MEASURING PLACE : WAT SUBPRADOO
MEASURING TYPE : AMBIENT (AIR) **RECEIVED DATE** : AUGUST 2-9, 2023
MEASURING DATE : AUGUST 2-9, 2023 **ANALYTICAL DATE** : AUGUST 2-9, 2023
MEASURING TIME : * **REPORT NO.** : 2023-U067027
MEASURING METHOD : WIND SPEED & WIND DIRECTION EQUIPMENT **WORK NO.** : 2021-001113
MEASURED BY : MR LITHAI KAEWRAKMOOK **ANALYSIS NO.** : T23AP370-0015 - T23AP370-0021

TIME #	RESULT (m/s)					
	WAT SUBPRADOO					
	AUGUST 2 - 3, 2023		AUGUST 3 - 4, 2023		AUGUST 4 - 5, 2023	
	T23AP370-0015		T23AP370-0016		T23AP370-0017	
	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION
07:00-08:00 HOUR	1.5	E	2.2	N	1.4	SE
08:00-09:00 HOUR	2.7	SE	1.8	N	1.8	SE
09:00-10:00 HOUR	2.8	SE	2.0	N	2.4	ESE
10:00-11:00 HOUR	3.2	SSE	1.8	WNW	1.9	E
11:00-12:00 HOUR	2.3	SSW	1.1	W	2.7	ENE
12:00-13:00 HOUR	2.2	S	1.4	WSW	2.9	NNE
13:00-14:00 HOUR	2.8	SSW	0.7	SSW	1.8	NNE
14:00-15:00 HOUR	2.9	SSE	0.9	SSW	2.0	E
15:00-16:00 HOUR	2.7	SSE	0.7	ESE	1.5	ENE
16:00-17:00 HOUR	3.1	ESE	1.3	E	0.9	ESE
17:00-18:00 HOUR	3.4	E	1.1	SSE	0.8	ESE
18:00-19:00 HOUR	3.2	SSE	1.5	E	1.0	S
19:00-20:00 HOUR	3.2	SSE	2.0	SSE	1.1	S
20:00-21:00 HOUR	3.0	S	1.8	S	1.4	SSE
21:00-22:00 HOUR	2.5	S	2.5	SSE	1.6	SSW
22:00-23:00 HOUR	2.5	ENE	2.1	S	2.1	SSW
23:00-00:00 HOUR	2.2	NE	3.2	SW	1.6	S
00:00-01:00 HOUR	2.3	N	2.6	SSW	2.3	SW
01:00-02:00 HOUR	1.4	NNE	2.2	SSW	2.1	SW
02:00-03:00 HOUR	1.5	N	1.7	SW	1.7	SSW
03:00-04:00 HOUR	2.2	N	0.9	WSW	2.4	SSE
04:00-05:00 HOUR	2.7	N	1.4	W	2.4	S
05:00-06:00 HOUR	2.2	N	1.1	NW	2.5	S
06:00-07:00 HOUR	3.0	N	1.5	W	2.4	SSW



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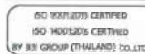
United Analyst and Engineering Consultant Co., Ltd.
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Tel.0 2763 2828 Fax 0 2763 2800 www.uaeconsultant.com E-mail: uae@uaeconsultant.com

TIME #	RESULT (m/s)							
	WAT SUBPRADOO							
	AUGUST 5 - 6, 2023		AUGUST 6 - 7, 2023		AUGUST 7 - 8, 2023		AUGUST 8 - 9, 2023	
	T23AP370-0018		T23AP370-0019		T23AP370-0020		T23AP370-0021	
	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION
07:00-08:00 HOUR	2.3	S	1.5	WNW	1.6	S	2.0	S
08:00-09:00 HOUR	2.0	SW	1.9	W	2.0	W	2.1	SSE
09:00-10:00 HOUR	1.5	SW	2.2	WNW	1.9	SW	1.9	SE
10:00-11:00 HOUR	1.5	SSW	1.7	W	2.6	WNW	2.3	SE
11:00-12:00 HOUR	1.6	S	1.8	W	2.3	SSW	1.4	E
12:00-13:00 HOUR	1.7	SE	2.0	SE	3.1	E	2.1	ESE
13:00-14:00 HOUR	1.3	SSE	2.1	WSW	2.4	E	1.4	ESE
14:00-15:00 HOUR	2.0	SE	2.0	ESE	3.7	S	1.7	ESE
15:00-16:00 HOUR	1.8	SE	1.8	ENE	3.0	ENE	2.0	SE
16:00-17:00 HOUR	1.6	NNE	2.1	ESE	3.1	ESE	1.3	SE
17:00-18:00 HOUR	1.7	NE	2.1	ENE	3.1	E	1.7	SE
18:00-19:00 HOUR	2.1	ENE	1.4	NE	2.0	E	1.5	SE
19:00-20:00 HOUR	3.3	E	2.2	NE	1.9	E	2.6	WNW
20:00-21:00 HOUR	3.0	SSW	1.5	NE	1.4	E	2.2	NW
21:00-22:00 HOUR	3.2	SE	2.0	NE	1.4	E	2.2	SW
22:00-23:00 HOUR	3.1	SSW	1.6	NE	2.1	ENE	3.0	SW
23:00-00:00 HOUR	2.5	WNW	1.8	ENE	1.8	E	3.2	S
00:00-01:00 HOUR	2.4	W	2.4	ENE	3.2	SE	3.1	S
01:00-02:00 HOUR	2.2	W	2.0	ENE	2.6	SSE	3.4	SSE
02:00-03:00 HOUR	1.6	WSW	1.7	ENE	3.0	SW	2.6	SE
03:00-04:00 HOUR	1.4	NW	1.5	SE	3.1	SSW	3.1	ESE
04:00-05:00 HOUR	1.8	WSW	1.9	ESE	1.9	SSW	2.4	ESE
05:00-06:00 HOUR	1.6	W	2.1	S	2.5	SW	2.8	ESE
06:00-07:00 HOUR	2.2	WNW	2.0	S	1.5	SW	3.0	ESE

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(MR SIA BANONGJAIKUL)
LABORATORY SUPERVISOR

AUGUST 15, 2023



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2023-U067027

- End of Analysis Report -

ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (SCP K5+K6)
CUSTOMER NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED
ADDRESS : 99,219,301 MOO 9,5,5, MITRAPARK ROAD TABKWANG KAENGKROI SARABURI 18260
CONTACT INFORMATION : TEL : 08 1929 1310 e-mail : PIYAWAT.PHOTIMONGKONKUL@SIAMCITYCEMENT.COM
SAMPLING SOURCE : WAT THASAO
SAMPLE TYPE : AMBIENT
SAMPLING DATE : *, **, ***
SAMPLING TIME : *, **, ***
SAMPLING BY : MR UTHAI KAEWRAKMOOK
ANALYZED BY : MISS JETJARAN TUMSA-AT
RECEIVED DATE : SEPTEMBER 26, 2023
ANALYTICAL DATE : SEPTEMBER 26-OCTOBER 2, 2023
REPORT NO. : 2023-U084487
WORK NO. : 2021-001113
ANALYSIS NO. : T23AT093-0022 - T23AT093-0024

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		
			WAT THASAO		
			* T23AT093-0022	** T23AT093-0023	*** T23AT093-0024
TOTAL SUSPENDED PARTICULATE	mg/m ³	GRAVIMETRIC (HIGH VOLUME METHOD)	0.032	0.031	0.039
PARTICULATE MATTER (≤ 10 µm)	mg/m ³	GRAVIMETRIC (HIGH VOLUME METHOD)	0.019	0.016	0.018
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 I-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 I-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 10:00 HOUR ON SEPTEMBER 18, 2023 TO 10:00 HOUR ON SEPTEMBER 19, 2023.
** : SAMPLING FROM 10:00 HOUR ON SEPTEMBER 19, 2023 TO 10:00 HOUR ON SEPTEMBER 20, 2023.
*** : SAMPLING FROM 10:00 HOUR ON SEPTEMBER 20, 2023 TO 10:00 HOUR ON SEPTEMBER 21, 2023.

Budsakorn ✓
(MISS BUDSAKORN LERDPANUMAS)
LABORATORY SUPERVISOR

OCTOBER 4, 2023



ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (SCP K5+K6)
CUSTOMER NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED
ADDRESS : 99,219,301 MOO 9,5,5, MITRAPARK ROAD TABKWANG KAENGKROI SARABURI 18260
CONTACT INFORMATION : TEL : 08 1929 1310 e-mail : PIYAWAT.PHOTIMONGKONKUL@SIAMCITYCEMENT.COM
SAMPLING SOURCE : WAT THASAO
SAMPLE TYPE : AMBIENT
SAMPLING DATE : *, **, ***
SAMPLING TIME : *, **, ***
SAMPLING BY : MR UTHAI KAEWRAKMOOK
ANALYZED BY : MISS JETJARAN TUMSA-AT
RECEIVED DATE : SEPTEMBER 26, 2023
ANALYTICAL DATE : SEPTEMBER 26-OCTOBER 2, 2023
REPORT NO. : 2023-U084488
WORK NO. : 2021-001113
ANALYSIS NO. : T23AT093-0025 - T23AT093-0028

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT			
			WAT THASAO			
			* T23AT093-0025	** T23AT093-0026	*** T23AT093-0027	**** T23AT093-0028
TOTAL SUSPENDED PARTICULATE	mg/m ³	GRAVIMETRIC (HIGH VOLUME METHOD)	0.033	0.021	0.046	0.081
PARTICULATE MATTER (≤ 10 µm)	mg/m ³	GRAVIMETRIC (HIGH VOLUME METHOD)	0.017	0.035	0.027	0.039
SAMPLE CONDITION			COMPLETE	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 I-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 I-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 10:00 HOUR ON SEPTEMBER 21, 2023 TO 10:00 HOUR ON SEPTEMBER 22, 2023.
** : SAMPLING FROM 10:00 HOUR ON SEPTEMBER 22, 2023 TO 10:00 HOUR ON SEPTEMBER 23, 2023.
*** : SAMPLING FROM 10:00 HOUR ON SEPTEMBER 23, 2023 TO 10:00 HOUR ON SEPTEMBER 24, 2023.
**** : SAMPLING FROM 10:00 HOUR ON SEPTEMBER 24, 2023 TO 10:00 HOUR ON SEPTEMBER 25, 2023.

Budsakorn ✓
(MISS BUDSAKORN LERDPANUMAS)
LABORATORY SUPERVISOR

OCTOBER 4, 2023



ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (SCP K5+K6)
CUSTOMER NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED
ADDRESS : 99,219,301 MOO 9,5,5, MITRAPARB ROAD TABKWANG KAENGKOE SARABURI 18260
CONTACT INFORMATION : TEL : 08 1929 1310 e-mail : PIYAWAT.PHOTIMONGKONKUL@SIAMCITYCEMENT.COM
MEASURING PLACE : WAT THASAO
MEASURING TYPE : AMBIENT (AIR)
MEASURING DATE : SEPTEMBER 18-25, 2023
MEASURING TIME : *
MEASURING METHOD : CHEMILUMINESCENCE
MEASURED BY : MR UTHAI KAEWRAKMOOK

RECEIVED DATE : SEPTEMBER 18-25, 2023
ANALYTICAL DATE : SEPTEMBER 18-25, 2023
REPORT NO. : 2023-U084465
WORK NO. : 2021-001113
ANALYSIS NO. : T23AT093-0022 - T23AT093-0028

TIME *	RESULT (ppm)			
	NITROGEN DIOXIDE			
	WAT THASAO			
	SEPTEMBER 18-19, 2023 T23AT093-0022	SEPTEMBER 19-20, 2023 T23AT093-0023	SEPTEMBER 20-21, 2023 T23AT093-0024	
07:00-08:00 HOUR	0.0261	0.0266	0.0250	
08:00-09:00 HOUR	0.0237	0.0241	0.0208	
09:00-10:00 HOUR	0.0172	0.0209	0.0177	
10:00-11:00 HOUR	0.0148	0.0178	0.0161	
11:00-12:00 HOUR	0.0129	0.0173	0.0165	
12:00-13:00 HOUR	0.0133	0.0168	0.0181	
13:00-14:00 HOUR	0.0164	0.0178	0.0208	
14:00-15:00 HOUR	0.0191	0.0188	0.0229	
15:00-16:00 HOUR	0.0220	0.0224	0.0247	
16:00-17:00 HOUR	0.0233	0.0254	0.0264	
17:00-18:00 HOUR	0.0232	0.0268	0.0273	
18:00-19:00 HOUR	0.0244	0.0275	0.0289	
19:00-20:00 HOUR	0.0268	0.0279	0.0281	
20:00-21:00 HOUR	0.0275	0.0280	0.0297	
21:00-22:00 HOUR	0.0260	0.0274	0.0261	
22:00-23:00 HOUR	0.0222	0.0243	0.0223	
23:00-00:00 HOUR	0.0222	0.0231	0.0170	
00:00-01:00 HOUR	0.0213	0.0196	0.0153	
01:00-02:00 HOUR	0.0218	0.0192	0.0152	
02:00-03:00 HOUR	0.0203	0.0184	0.0141	
03:00-04:00 HOUR	0.0230	0.0194	0.0146	
04:00-05:00 HOUR	0.0240	0.0221	0.0193	
05:00-06:00 HOUR	0.0267	0.0254	0.0247	
06:00-07:00 HOUR	0.0266	0.0269	0.0286	



TIME *	RESULT (ppm)			
	NITROGEN DIOXIDE			
	WAT THASAO			
	SEPTEMBER 21-22, 2023 T23AT093-0025	SEPTEMBER 22-23, 2023 T23AT093-0026	SEPTEMBER 23-24, 2023 T23AT093-0027	SEPTEMBER 24-25, 2023 T23AT093-0028
07:00-08:00 HOUR	0.0265	0.0260	0.0259	0.0269
08:00-09:00 HOUR	0.0253	0.0231	0.0236	0.0223
09:00-10:00 HOUR	0.0221	0.0197	0.0171	0.0185
10:00-11:00 HOUR	0.0195	0.0158	0.0151	0.0151
11:00-12:00 HOUR	0.0176	0.0140	0.0152	0.0138
12:00-13:00 HOUR	0.0173	0.0142	0.0158	0.0140
13:00-14:00 HOUR	0.0186	0.0155	0.0167	0.0141
14:00-15:00 HOUR	0.0190	0.0178	0.0180	0.0148
15:00-16:00 HOUR	0.0223	0.0210	0.0214	0.0181
16:00-17:00 HOUR	0.0252	0.0230	0.0246	0.0219
17:00-18:00 HOUR	0.0232	0.0233	0.0265	0.0252
18:00-19:00 HOUR	0.0257	0.0235	0.0268	0.0247
19:00-20:00 HOUR	0.0248	0.0253	0.0283	0.0245
20:00-21:00 HOUR	0.0267	0.0263	0.0274	0.0240
21:00-22:00 HOUR	0.0256	0.0266	0.0256	0.0222
22:00-23:00 HOUR	0.0247	0.0253	0.0222	0.0195
23:00-00:00 HOUR	0.0236	0.0253	0.0230	0.0170
00:00-01:00 HOUR	0.0239	0.0247	0.0229	0.0174
01:00-02:00 HOUR	0.0250	0.0243	0.0247	0.0183
02:00-03:00 HOUR	0.0237	0.0235	0.0230	0.0182
03:00-04:00 HOUR	0.0223	0.0226	0.0243	0.0174
04:00-05:00 HOUR	0.0205	0.0257	0.0245	0.0203
05:00-06:00 HOUR	0.0230	0.0261	0.0283	0.0216
06:00-07:00 HOUR	0.0245	0.0300	0.0278	0.0272

Sila Banjongjairuk
 (MR SILA BANJONGJAIRUK)
 LABORATORY SUPERVISOR

OCTOBER 4, 2023



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Tel.0 2763 2828 Fax 0 2763 2800 www.uaec consultant.com E-mail: uae@uaec consultant.com

ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (SCP K5+K6)
CUSTOMER NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED
ADDRESS : 99,219,301 MOO 9,5,5, MITRAPARK ROAD TABKWANG KAENGKOT SARABURI 18260
CONTACT INFORMATION : TEL : 08 1929 1310 e-mail : PIYAWAT.PHOTIMONGKONKUL@SIAMCITYCEMENT.COM
MEASURING PLACE : WAT THASAO
MEASURING TYPE : AMBIENT (AIR)
MEASURING DATE : SEPTEMBER 18-25, 2023
MEASURING TIME : *
MEASURING METHOD : UV FLUORESCENCE
MEASURED BY : MR UTHAI KAEWRAKMOOK

RECEIVED DATE : SEPTEMBER 18-25, 2023
ANALYTICAL DATE : SEPTEMBER 18-25, 2023
REPORT NO. : 2023-U084492
WORK NO. : 2021-001113
ANALYSIS NO. : T23AT093-0022 - T23AT093-0028

วันที่ *	RESULT (ppm)			
	SULPHUR DIOXIDE			
	WAT THASAO			
	SEPTEMBER 18-19, 2023 T23AT093-0022	SEPTEMBER 19-20, 2023 T23AT093-0023	SEPTEMBER 20-21, 2023 T23AT093-0024	
07:00-08:00 HOUR	0.0026	0.0030	0.0032	
08:00-09:00 HOUR	0.0024	0.0026	0.0029	
09:00-10:00 HOUR	0.0023	0.0025	0.0028	
10:00-11:00 HOUR	0.0024	0.0025	0.0026	
11:00-12:00 HOUR	0.0027	0.0024	0.0028	
12:00-13:00 HOUR	0.0029	0.0024	0.0029	
13:00-14:00 HOUR	0.0031	0.0027	0.0036	
14:00-15:00 HOUR	0.0033	0.0029	0.0039	
15:00-16:00 HOUR	0.0033	0.0031	0.0033	
16:00-17:00 HOUR	0.0031	0.0030	0.0037	
17:00-18:00 HOUR	0.0027	0.0032	0.0038	
18:00-19:00 HOUR	0.0026	0.0031	0.0034	
19:00-20:00 HOUR	0.0030	0.0031	0.0031	
20:00-21:00 HOUR	0.0035	0.0027	0.0030	
21:00-22:00 HOUR	0.0036	0.0029	0.0028	
22:00-23:00 HOUR	0.0038	0.0027	0.0029	
23:00-00:00 HOUR	0.0035	0.0029	0.0028	
00:00-01:00 HOUR	0.0037	0.0026	0.0032	
01:00-02:00 HOUR	0.0039	0.0028	0.0031	
02:00-03:00 HOUR	0.0037	0.0027	0.0036	
03:00-04:00 HOUR	0.0034	0.0027	0.0037	
04:00-05:00 HOUR	0.0036	0.0029	0.0039	
05:00-06:00 HOUR	0.0036	0.0032	0.0037	
06:00-07:00 HOUR	0.0036	0.0034	0.0032	
AVERAGE 24 HOUR	0.0032	0.0028	0.0032	



United Analyst and Engineering Consultant Co., Ltd.
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Tel.0 2763 2828 Fax 0 2763 2800 www.uaec consultant.com E-mail: uae@uaec consultant.com

วันที่ *	RESULT (ppm)			
	SULPHUR DIOXIDE			
	WAT THASAO			
	SEPTEMBER 21-22, 2023 T23AT093-0025	SEPTEMBER 22-23, 2023 T23AT093-0026	SEPTEMBER 23-24, 2023 T23AT093-0027	SEPTEMBER 24-25, 2023 T23AT093-0028
07:00-08:00 HOUR	0.0026	0.0028	0.0026	0.0031
08:00-09:00 HOUR	0.0021	0.0027	0.0024	0.0027
09:00-10:00 HOUR	0.0018	0.0025	0.0020	0.0025
10:00-11:00 HOUR	0.0017	0.0028	0.0017	0.0024
11:00-12:00 HOUR	0.0018	0.0029	0.0017	0.0026
12:00-13:00 HOUR	0.0021	0.0030	0.0019	0.0025
13:00-14:00 HOUR	0.0024	0.0030	0.0021	0.0028
14:00-15:00 HOUR	0.0027	0.0035	0.0026	0.0028
15:00-16:00 HOUR	0.0033	0.0040	0.0028	0.0030
16:00-17:00 HOUR	0.0038	0.0038	0.0031	0.0032
17:00-18:00 HOUR	0.0037	0.0039	0.0029	0.0034
18:00-19:00 HOUR	0.0039	0.0035	0.0030	0.0039
19:00-20:00 HOUR	0.0035	0.0035	0.0026	0.0038
20:00-21:00 HOUR	0.0032	0.0037	0.0027	0.0039
21:00-22:00 HOUR	0.0028	0.0038	0.0024	0.0038
22:00-23:00 HOUR	0.0025	0.0038	0.0023	0.0038
23:00-00:00 HOUR	0.0023	0.0037	0.0022	0.0038
00:00-01:00 HOUR	0.0023	0.0039	0.0021	0.0038
01:00-02:00 HOUR	0.0022	0.0037	0.0023	0.0038
02:00-03:00 HOUR	0.0025	0.0040	0.0024	0.0039
03:00-04:00 HOUR	0.0028	0.0039	0.0031	0.0038
04:00-05:00 HOUR	0.0032	0.0034	0.0033	0.0039
05:00-06:00 HOUR	0.0032	0.0032	0.0038	0.0039
06:00-07:00 HOUR	0.0032	0.0029	0.0034	0.0038
AVERAGE 24 HOUR	0.0027	0.0034	0.0026	0.0034


(MR. SILA BANJONGJAIRUK)
LABORATORY SUPERVISOR

OCTOBER 4, 2023





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ANALYSIS REPORT

PROJECT NAME : SIAMCITY CEMENT PUBLIC COMPANY LIMITED (SCP K5+K6)
CUSTOMER NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED
ADDRESS : 99,219,301 MOO 9,5,5, MITRAPARB ROAD TABKWANG KAENGKOT SARABURI 18260
CONTACT INFORMATION : TEL : 08 1929 1310 e-mail : PIYAWAT.PHOTIMONGKONKUL@SIAMCITYCEMENT.COM
MEASURING PLACE : WAT THASAO
MEASURING TYPE : AMBIENT (AIR) **RECEIVED DATE** : SEPTEMBER 18-25, 2023
MEASURING DATE : SEPTEMBER 18-25, 2023 **ANALYTICAL DATE** : SEPTEMBER 18-25, 2023
MEASURING TIME : * **REPORT NO.** : 2023-U084500
MEASURING METHOD : WIND SPEED & WIND DIRECTION EQUIPMENT **WORK NO.** : 2021-001113
MEASURED BY : MR UTHAI KAEWRAKMOOK **ANALYSIS NO.** : T23AT093-0022 - T23AT093-0028

TIME *	RESULT (m/s)					
	WAT THASAO					
	SEPTEMBER 18-19, 2023		SEPTEMBER 19-20, 2023		SEPTEMBER 20-21, 2023	
	T23AT093-0022		T23AT093-0023		T23AT093-0024	
	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION
07:00-08:00 HOUR	0.6	SSW	3.2	SSW	1.9	W
08:00-09:00 HOUR	0.7	SSW	2.5	WSW	2.1	NW
09:00-10:00 HOUR	0.9	SSE	2.1	WSW	2.2	SW
10:00-11:00 HOUR	1.4	ESE	2.1	WNW	1.6	SW
11:00-12:00 HOUR	2.0	ESE	1.2	SW	1.8	WNW
12:00-13:00 HOUR	2.1	S	1.0	WSW	2.0	WSW
13:00-14:00 HOUR	2.9	S	1.1	SSE	2.2	ESE
14:00-15:00 HOUR	3.2	SSW	1.1	NE	1.8	SSW
15:00-16:00 HOUR	2.2	SSW	1.0	ESE	1.8	SSE
16:00-17:00 HOUR	1.9	S	0.8	NNE	1.8	SW
17:00-18:00 HOUR	2.4	SSW	0.8	ESE	2.3	W
18:00-19:00 HOUR	1.8	ENE	1.0	NE	1.7	SW
19:00-20:00 HOUR	2.3	ENE	0.8	E	2.0	WNW
20:00-21:00 HOUR	1.9	ENE	1.2	ESE	1.6	WSW
21:00-22:00 HOUR	2.1	E	1.2	E	2.3	SSE
22:00-23:00 HOUR	2.3	E	1.2	S	1.7	SSE
23:00-00:00 HOUR	1.8	ESE	1.3	SSW	1.6	E
00:00-01:00 HOUR	2.7	SE	2.2	SSW	2.7	SSE
01:00-02:00 HOUR	2.9	ESE	2.2	SSW	2.7	SE
02:00-03:00 HOUR	2.1	SE	2.9	SSW	2.7	E
03:00-04:00 HOUR	3.0	SE	3.4	SW	3.0	SE
04:00-05:00 HOUR	3.2	SSE	2.9	WSW	2.2	E
05:00-06:00 HOUR	3.5	S	2.7	W	3.2	SE
06:00-07:00 HOUR	2.8	SSW	3.3	NW	3.1	SSE

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TIME *	RESULT (m/s)							
	WAT THASAO							
	SEPTEMBER 21-22, 2023		SEPTEMBER 22-23, 2023		SEPTEMBER 23-24, 2023		SEPTEMBER 24-25, 2023	
	T23AT093-0025		T23AT093-0026		T23AT093-0027		T23AT093-0028	
	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION	WIND SPEED	WIND DIRECTION
07:00-08:00 HOUR	2.8	SE	2.4	SSE	1.5	S	1.6	ESE
08:00-09:00 HOUR	2.3	SSE	2.3	SSW	1.9	SSE	1.6	E
09:00-10:00 HOUR	3.3	SE	2.5	SSW	2.4	S	1.0	ESE
10:00-11:00 HOUR	3.2	SSE	2.8	S	3.2	SSW	0.9	ESE
11:00-12:00 HOUR	3.0	E	2.5	SSW	2.3	WSW	0.8	ESE
12:00-13:00 HOUR	3.3	ENE	2.4	W	3.4	SW	1.0	ESE
13:00-14:00 HOUR	2.4	ENE	2.9	WSW	2.4	WSW	1.1	ESE
14:00-15:00 HOUR	2.2	NE	2.3	WSW	1.8	W	1.1	ESE
15:00-16:00 HOUR	1.1	NNE	2.3	SW	2.1	WNW	1.0	SE
16:00-17:00 HOUR	1.2	SE	2.1	SSW	1.5	SSW	1.1	SSE
17:00-18:00 HOUR	1.4	SE	2.3	SSW	2.1	SSW	1.4	SE
18:00-19:00 HOUR	2.0	SSW	2.7	S	2.2	SE	1.4	SSE
19:00-20:00 HOUR	2.2	WSW	3.2	E	2.4	ESE	1.4	NNE
20:00-21:00 HOUR	2.3	WNW	2.1	ESE	1.9	E	1.8	ENE
21:00-22:00 HOUR	2.3	NW	2.0	ESE	3.0	NNE	2.1	E
22:00-23:00 HOUR	2.2	WNW	2.5	SSE	3.6	NNE	1.4	ESE
23:00-00:00 HOUR	2.9	WNW	2.1	WSW	2.7	NNE	2.1	SSE
00:00-01:00 HOUR	2.7	SSW	2.1	SSW	2.4	ENE	1.7	SE
01:00-02:00 HOUR	2.3	SSW	1.6	S	3.2	ENE	1.6	SE
02:00-03:00 HOUR	3.0	SSE	2.6	WSW	2.5	E	1.3	S
03:00-04:00 HOUR	3.3	SE	1.9	SW	2.8	E	2.0	SSW
04:00-05:00 HOUR	2.7	S	1.6	W	2.2	ENE	2.0	S
05:00-06:00 HOUR	2.4	SE	1.7	SW	2.6	E	1.4	SW
06:00-07:00 HOUR	3.8	SE	1.9	SSW	2.7	E	2.4	WSW



(MR SILA BANJONGJATRAK)
LABORATORY SUPERVISOR

OCTOBER 4, 2023

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2023-U084500

- End of Analysis Report -