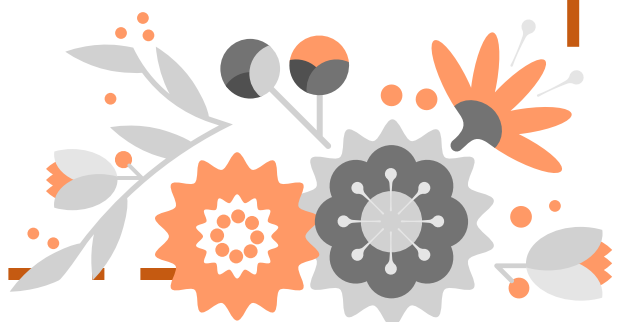


ภาคผนวก ข-3

สำเนาใบรายงานผลการตรวจวิเคราะห์คุณภาพน้ำ



ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (SCP K3)
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
SAMPLING SOURCE : -
SAMPLE TYPE : EFFLUENT
SAMPLING DATE : JULY 10, 2023
SAMPLING TIME : 11:30 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY : MR KRIDSANAPONG NAMTHIP
ANALYZED BY : MISS AKSARIN BUNKONG

RECEIVED DATE : JULY 10, 2023
ANALYTICAL DATE : JULY 10-18, 2023
REPORT NO. : 2023-U060065
WORK NO. : 2021-001112
ANALYSIS NO. : T23AN196-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT
			PLANT 2: CCR T23AN196-0002	
pH °	-	ELECTROMETRIC METHOD AT SITE (SM: PART 4500-H ⁺ B)	7.9 (29°C)	-
BIOCHEMICAL OXYGEN DEMAND *	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	6.3	2.0
CHEMICAL OXYGEN DEMAND °	mg/L	CLOSED REFLUX, COLOURIMETRIC METHOD (SM: PART 5220 D)	ND	25.0
TOTAL SUSPENDED SOLIDS *	mg/L	TOTAL SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	20.6	5.0
FAT, OIL AND GREASE °	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	ND	3
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			YELLOW/CLEAR BROWN	

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

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

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

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

ND : NON-DETECTABLE.

Piyapat S.
(MRS PIYAPAT SUTTAMANUTWONG)
LABORATORY SUPERVISOR

JULY 24, 2023

ISO 9001:2015 CERTIFIED
ISO 14001:2015 CERTIFIED
BY ISI GROUP (THAILAND) CO., LTD.

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- End of Analysis Report -

ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (SCP K3)
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
SAMPLING SOURCE : -
SAMPLE TYPE : EFFLUENT
SAMPLING DATE : JULY 10, 2023
SAMPLING TIME : 10:35 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY : MR KRIDSANAPONG NAMTHIP
ANALYZED BY : MISS AKSARIN BUNKONG

RECEIVED DATE : JULY 10, 2023
ANALYTICAL DATE : JULY 10-19, 2023
REPORT NO. : 2023-U060064
WORK NO. : 2021-001112
ANALYSIS NO. : T23AN196-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT
			PLANT 2 : WORKSHOP T23AN196-0001	
pH °	-	ELECTROMETRIC METHOD AT SITE (SM: PART 4500-H ⁺ B)	7.2 (29°C)	-
BIOCHEMICAL OXYGEN DEMAND *	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	29.0	2.0
CHEMICAL OXYGEN DEMAND °	mg/L	CLOSED REFLUX, COLOURIMETRIC METHOD (SM: PART 5220 D)	102	25.0
TOTAL SUSPENDED SOLIDS *	mg/L	TOTAL SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	17.6	5.0
FAT, OIL AND GREASE °	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	ND	3
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			YELLOW/TURBID BROWN	

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

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

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ND : NON-DETECTABLE.

Piyapat S.
(MRS PIYAPAT SUTTAMANUTWONG)
LABORATORY SUPERVISOR

JULY 24, 2023

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ISO 14001:2015 CERTIFIED
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- End of Analysis Report -

ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (SCP K3)
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 : -
SAMPLE TYPE : EFFLUENT
SAMPLING DATE : AUGUST 11, 2023
SAMPLING TIME : 14:45 HOUR
SAMPLING METHOD^a : GRAB
SAMPLING BY^c : MR KRIDSANAPONG NAMTHIP
ANALYZED BY : MISS AKSARIN BUNKONG

RECEIVED DATE : AUGUST 11, 2023
ANALYTICAL DATE : AUGUST 11-22, 2023
REPORT NO. : 2023-U069828
WORK NO. : 2021-001112
ANALYSIS NO. : T23AP548-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT
			PLANT 2: CCR T23AP548-0002	
pH ^c	-	ELECTROMETRIC METHOD AT SITE (SM: PART 4500-H ⁺ B)	7.9 (28°C)	-
BIOCHEMICAL OXYGEN DEMAND ^a	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	7.6	2.0
CHEMICAL OXYGEN DEMAND ^a	mg/L	CLOSED REFLUX, COLOURIMETRIC METHOD (SM: PART 5220 D)	ND	25.0
TOTAL SUSPENDED SOLIDS ^a	mg/L	TOTAL SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	7.4	5.0
FAT, OIL AND GREASE ^c	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	ND	3
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			YELLOW/CLEAR BROWN	

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

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

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

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

ND : NON-DETECTABLE.

Piyapat S.

(MRS PIYAPAT SUTTAMANUTWONG)
LABORATORY SUPERVISOR

AUGUST 24, 2023



ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (SCP K3)
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 : -
SAMPLE TYPE : EFFLUENT
SAMPLING DATE : AUGUST 11, 2023
SAMPLING TIME : 15:00 HOUR
SAMPLING METHOD^a : GRAB
SAMPLING BY^c : MR KRIDSANAPONG NAMTHIP
ANALYZED BY : MISS AKSARIN BUNKONG

RECEIVED DATE : AUGUST 11, 2023
ANALYTICAL DATE : AUGUST 11-22, 2023
REPORT NO. : 2023-U069825
WORK NO. : 2021-001112
ANALYSIS NO. : T23AP548-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT
			PLANT 2: WORKSHOP T23AP548-0001	
pH ^c	-	ELECTROMETRIC METHOD AT SITE (SM: PART 4500-H ⁺ B)	8.0 (29°C)	-
BIOCHEMICAL OXYGEN DEMAND ^a	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	86.8	2.0
CHEMICAL OXYGEN DEMAND ^a	mg/L	CLOSED REFLUX, COLOURIMETRIC METHOD (SM: PART 5220 D)	295	25.0
TOTAL SUSPENDED SOLIDS ^a	mg/L	TOTAL SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	34.9	5.0
FAT, OIL AND GREASE ^c	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	ND	3
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			YELLOW/TURBID YELLOW	

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

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

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

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

ND : NON-DETECTABLE.

Piyapat S.

(MRS PIYAPAT SUTTAMANUTWONG)
LABORATORY SUPERVISOR

AUGUST 24, 2023



ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (SCP K3)
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 : -
SAMPLE TYPE : EFFLUENT
SAMPLING DATE : SEPTEMBER 8, 2023
SAMPLING TIME : 10:50 HOUR
SAMPLING METHOD ° : GRAB
SAMPLING BY ° : MR KRIDSANAPONG NAMTHIP
ANALYZED BY : MISS AKSARIN BUNKONG

RECEIVED DATE : SEPTEMBER 8, 2023
ANALYTICAL DATE : SEPTEMBER 8-19, 2023
REPORT NO. : 2023-U079204
WORK NO. : 2021-001112
ANALYSIS NO. : T23AR727-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT
			PLANT 2: CCR T23AR727-0002	
pH °	-	ELECTROMETRIC METHOD AT SITE (SM: PART 4500-H ⁺ B)	8.0 (27°C)	-
BIOCHEMICAL OXYGEN DEMAND °	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	6.3	2.0
CHEMICAL OXYGEN DEMAND °	mg/L	CLOSED REFLUX, COLOURIMETRIC METHOD (SM: PART 5220 D)	ND	25.0
TOTAL SUSPENDED SOLIDS °	mg/L	TOTAL SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	ND	5.0
FAT, OIL AND GREASE °	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	ND	3
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			YELLOW/CLEAR BROWN	

° : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)
° : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)
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SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.
ND : NON-DETECTABLE.

Piyapat S.

(MRS PIYAPAT SUTTAMANUTWONG)
LABORATORY SUPERVISOR

SEPTEMBER 20, 2023



ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (SCP K3)
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 : -
SAMPLE TYPE : EFFLUENT
SAMPLING DATE : SEPTEMBER 8, 2023
SAMPLING TIME : 11:05 HOUR
SAMPLING METHOD ° : GRAB
SAMPLING BY ° : MR KRIDSANAPONG NAMTHIP
ANALYZED BY : MISS AKSARIN BUNKONG

RECEIVED DATE : SEPTEMBER 8, 2023
ANALYTICAL DATE : SEPTEMBER 8-19, 2023
REPORT NO. : 2023-U079203
WORK NO. : 2021-001112
ANALYSIS NO. : T23AR727-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT
			PLANT 2: WORKSHOP T23AR727-0001	
pH °	-	ELECTROMETRIC METHOD AT SITE (SM: PART 4500-H ⁺ B)	8.0 (29°C)	-
BIOCHEMICAL OXYGEN DEMAND °	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	66.8	2.0
CHEMICAL OXYGEN DEMAND °	mg/L	CLOSED REFLUX, COLOURIMETRIC METHOD (SM: PART 5220 D)	1/1	25.0
TOTAL SUSPENDED SOLIDS °	mg/L	TOTAL SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	24.2	5.0
FAT, OIL AND GREASE °	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	ND	3
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			YELLOW/TURBID BROWN	

° : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)
° : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)
° : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

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

Piyapat S.

(MRS PIYAPAT SUTTAMANUTWONG)
LABORATORY SUPERVISOR

SEPTEMBER 20, 2023



ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (SCP K3)
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 : -
SAMPLE TYPE : EFFLUENT
SAMPLING DATE : OCTOBER 10, 2023
SAMPLING TIME : 11:15 HOUR
SAMPLING METHOD ° : GRAB
SAMPLING BY ° : MR PHATSAWUT THOSAKOON
ANALYZED BY : MISS AKSARIN BUNKONG

RECEIVED DATE : OCTOBER 10, 2023
ANALYTICAL DATE : OCTOBER 10-20, 2023
REPORT NO. : 2023-U089747
WORK NO. : 2021-001112
ANALYSIS NO. : T23AU135-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT
			PLANT 2: CCR T23AU135-0002	
pH °	-	ELECTROMETRIC METHOD AT SITE (SM: PART 4500-H ⁺ B)	8.0 (27°C)	-
BIOCHEMICAL OXYGEN DEMAND *	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	6.1	2.0
CHEMICAL OXYGEN DEMAND °	mg/L	CLOSED REFLUX, COLOURIMETRIC METHOD (SM: PART 5220 D)	ND	25.0
TOTAL SUSPENDED SOLIDS *	mg/L	TOTAL SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	15.5	5.0
FAT, OIL AND GREASE °	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	ND	3
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			YELLOW/CLEAR BROWN	

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

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

ND : NON-DETECTABLE

Piyapat S.

(MRS PIYAPAT SUTTAMANUTWONG)
LABORATORY SUPERVISOR

OCTOBER 25, 2023



ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (SCP K3)
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 : -
SAMPLE TYPE : EFFLUENT
SAMPLING DATE : OCTOBER 10, 2023
SAMPLING TIME : 11:40 HOUR
SAMPLING METHOD ° : GRAB
SAMPLING BY ° : MR PHATSAWUT THOSAKOON
ANALYZED BY : MISS AKSARIN BUNKONG

RECEIVED DATE : OCTOBER 10, 2023
ANALYTICAL DATE : OCTOBER 10-20, 2023
REPORT NO. : 2023-U089746
WORK NO. : 2021-001112
ANALYSIS NO. : T23AU135-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT
			PLANT 2: WORKSHOP T23AU135-0001	
pH °	-	ELECTROMETRIC METHOD AT SITE (SM: PART 4500-H ⁺ B)	8.0 (28°C)	-
BIOCHEMICAL OXYGEN DEMAND *	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	59.0	2.0
CHEMICAL OXYGEN DEMAND *	mg/L	CLOSED REFLUX, COLOURIMETRIC METHOD (SM: PART 5220 D)	129	25.0
TOTAL SUSPENDED SOLIDS *	mg/L	TOTAL SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	27.6	5.0
FAT, OIL AND GREASE °	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	ND	3
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			YELLOW/TURBID YELLOW	

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

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

ND : NON-DETECTABLE

Piyapat S.

(MRS PIYAPAT SUTTAMANUTWONG)
LABORATORY SUPERVISOR

OCTOBER 25, 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



NSC - TISI - TIS 17025
TESTING 0207

ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (SCP K3)
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 : -
SAMPLE TYPE : EFFLUENT
SAMPLING DATE : NOVEMBER 9, 2023
SAMPLING TIME : 11:32 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY : MR ANUSART SUAYDEE
ANALYZED BY : MISS AKSARIN BUNKONG

RECEIVED DATE : NOVEMBER 10, 2023
ANALYTICAL DATE : NOVEMBER 10-16, 2023
REPORT NO. : 2023-U099289
WORK NO. : 2021-001112
ANALYSIS NO. : T23AW454-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT
			PLANT 2: CCR T23AW454-0002	
pH ^a	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500 -H ⁺ B AND 1060 B	7.9 (28°C)	-
BIOCHEMICAL OXYGEN DEMAND ^a	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	7.8	2.0
CHEMICAL OXYGEN DEMAND ^c	mg/L	CLOSED REFLUX, COLOURIMETRIC METHOD (SM: PART 5220 D)	ND	25.0
TOTAL SUSPENDED SOLIDS ^a	mg/L	TOTAL SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	11.1	5.0
FAT, OIL AND GREASE ^c	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	ND	3
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			YELLOW/CLEAR BROWN	

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

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

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

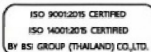
SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

ND : NON-DETECTABLE.

Piyapat S.

(MRS PIYAPAT SUTTAMANUTWONG)
LABORATORY SUPERVISOR

NOVEMBER 21, 2023



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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



NSC - TISI - TIS 17025
TESTING 0207

ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (SCP K3)
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 : -
SAMPLE TYPE : EFFLUENT
SAMPLING DATE : NOVEMBER 9, 2023
SAMPLING TIME : 11:45 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY : MR ANUSART SUAYDEE
ANALYZED BY : MISS AKSARIN BUNKONG

RECEIVED DATE : NOVEMBER 10, 2023
ANALYTICAL DATE : NOVEMBER 10-16, 2023
REPORT NO. : 2023-U099288
WORK NO. : 2021-001112
ANALYSIS NO. : T23AW454-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT
			PLANT 2: WORKSHOP T23AW454-0001	
pH ^a	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500 -H ⁺ B AND 1060 B	7.6 (29°C)	-
BIOCHEMICAL OXYGEN DEMAND ^a	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	74.6	2.0
CHEMICAL OXYGEN DEMAND ^a	mg/L	CLOSED REFLUX, COLOURIMETRIC METHOD (SM: PART 5220 D)	140	25.0
TOTAL SUSPENDED SOLIDS ^a	mg/L	TOTAL SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	20.7	5.0
FAT, OIL AND GREASE ^a	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	4	3
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			YELLOW/TURBID BROWN	

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

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

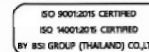
^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

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

Piyapat S.

(MRS PIYAPAT SUTTAMANUTWONG)
LABORATORY SUPERVISOR

NOVEMBER 21, 2023



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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



NSC -TISI -TIS 17025
TESTING 0207

ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (SCP K3)
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 : -
SAMPLE TYPE : EFFLUENT
SAMPLING DATE : DECEMBER 12, 2023
SAMPLING TIME : 11:15 HOUR
SAMPLING METHOD ° : GRAB
SAMPLING BY ° : MR. KRIDSANAPONG NAMTHIP
ANALYZED BY : MISS AKSARIN BUNKONG

RECEIVED DATE : DECEMBER 13, 2023
ANALYTICAL DATE : DECEMBER 13-20, 2023
REPORT NO. : 2023-U110598
WORK NO. : 2021-001112
ANALYSIS NO. : T23AY899-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT
			PLANT 2: CCR T23AY899-0002	
pH °	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500 -H+ B AND 1060 B	7.2 (29°C)	-
BIOCHEMICAL OXYGEN DEMAND °	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	2.0	2.0
CHEMICAL OXYGEN DEMAND °	mg/L	CLOSED REFLUX, COLOURIMETRIC METHOD (SM: PART 5220 D)	ND	25.0
TOTAL SUSPENDED SOLIDS °	mg/L	TOTAL SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	6.2	5.0
FAT, OIL AND GREASE °	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	ND	3
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			YELLOW/CLEAR BROWN	

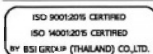
° : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)
° : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)
° : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23RD EDITION, 2017.
ND : NON-DETECTABLE.

Piyapat S.

(MRS PIYAPAT SUTTAMANUTWONG)
LABORATORY SUPERVISOR

DECEMBER 25, 2023



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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



NSC -TISI -TIS 17025
TESTING 0207

ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (SCP K3)
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 : -
SAMPLE TYPE : EFFLUENT
SAMPLING DATE : DECEMBER 12, 2023
SAMPLING TIME : 11:30 HOUR
SAMPLING METHOD ° : GRAB
SAMPLING BY ° : MR. KRIDSANAPONG NAMTHIP
ANALYZED BY : MISS AKSARIN BUNKONG

RECEIVED DATE : DECEMBER 13, 2023
ANALYTICAL DATE : DECEMBER 13-20, 2023
REPORT NO. : 2023-U110597
WORK NO. : 2021-001112
ANALYSIS NO. : T23AY899-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT
			PLANT 2 : WORKSHOP T23AY899-0001	
pH °	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500 -H+ B AND 1060 B	7.6 (29°C)	-
BIOCHEMICAL OXYGEN DEMAND °	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	40.6	2.0
CHEMICAL OXYGEN DEMAND °	mg/L	CLOSED REFLUX, COLOURIMETRIC METHOD (SM: PART 5220 D)	113	25.0
TOTAL SUSPENDED SOLIDS °	mg/L	TOTAL SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	25.6	5.0
FAT, OIL AND GREASE °	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	5	3
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			YELLOW/TURBID BROWN	

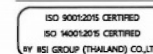
° : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)
° : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)
° : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

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

Piyapat S.

(MRS PIYAPAT SUTTAMANUTWONG)
LABORATORY SUPERVISOR

DECEMBER 25, 2023



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- End of Analysis Report -

ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (SCCC)
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 : FACTORY 3
SAMPLE TYPE : EFFLUENT
SAMPLING DATE : AUGUST 11, 2023
SAMPLING TIME : 14:15 HOUR
SAMPLING METHOD ° : GRAB
SAMPLING BY ° : MR KRIDSANAPONG NAMTHIP
ANALYZED BY : MISS AKSARIN BUNKONG

RECEIVED DATE : AUGUST 11, 2023
ANALYTICAL DATE : AUGUST 11-22, 2023
REPORT NO. : 2023-U069741
WORK NO. : 2021-001110
ANALYSIS NO. : T23AP554-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT
			ผลการตรวจวิเคราะห์ (CCR) T23AP554-0002	
pH °	-	ELECTROMETRIC METHOD AT SITE (SM: PART 4500-H ⁺ B)	7.8 (29°C)	-
BIOCHEMICAL OXYGEN DEMAND °	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O ₂)	6.5	2.0
CHEMICAL OXYGEN DEMAND °	mg/L	CLOSED REFLUX, COLOURIMETRIC METHOD (SM: PART 5220 D)	ND	25.0
TOTAL SUSPENDED SOLIDS °	mg/L	TOTAL SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	7.4	5.0
FAT, OIL AND GREASE °	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	ND	3
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			YELLOW/CLEAR BROWN	

° : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)
° : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)
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SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.
ND : NON-DETECTABLE.

Piyapat S.
(MRS PIYAPAT SUTTAMANUTWONG)
LABORATORY SUPERVISOR

AUGUST 24, 2023

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ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (SCCC)
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 : FACTORY 3
SAMPLE TYPE : EFFLUENT
SAMPLING DATE : OCTOBER 10, 2023
SAMPLING TIME : 10:10 HOUR
SAMPLING METHOD ° : GRAB
SAMPLING BY ° : MR PHATSAWUT THOSAKOON
ANALYZED BY : MISS AKSARIN BUNKONG

RECEIVED DATE : OCTOBER 10, 2023
ANALYTICAL DATE : OCTOBER 10-19, 2023
REPORT NO. : 2023-U089990
WORK NO. : 2021-001110
ANALYSIS NO. : T23AU139-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT
			ผลการตรวจวิเคราะห์ (CCR) T23AU139-0002	
pH °	-	ELECTROMETRIC METHOD AT SITE (SM: PART 4500-H ⁺ B)	7.9 (27°C)	-
BIOCHEMICAL OXYGEN DEMAND °	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O ₂)	7.7	2.0
CHEMICAL OXYGEN DEMAND °	mg/L	CLOSED REFLUX, COLOURIMETRIC METHOD (SM: PART 5220 D)	ND	25.0
TOTAL SUSPENDED SOLIDS °	mg/L	TOTAL SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	5.5	5.0
FAT, OIL AND GREASE °	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	ND	3
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			YELLOW/CLEAR BROWN	

° : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)
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ND : NON-DETECTABLE.

Piyapat S.
(MRS PIYAPAT SUTTAMANUTWONG)
LABORATORY SUPERVISOR

OCTOBER 26, 2023

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ANALYSIS REPORT

PROJECT NAME : SIAM CITY CEMENT PUBLIC COMPANY LIMITED (SCCC)
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 : FACTORY 3
SAMPLE TYPE : EFFLUENT
SAMPLING DATE : DECEMBER 12, 2023
SAMPLING TIME : 10:35 HOUR
SAMPLING METHOD^a : GRAB
SAMPLING BY^c : MR KRIDSANAPONG NAMTHIP
ANALYZED BY : MISS AKSARIN BUNKONG

RECEIVED DATE : DECEMBER 13, 2023
ANALYTICAL DATE : DECEMBER 13-20, 2023
REPORT NO. : 2023-U110577
WORK NO. : 2021-001110
ANALYSIS NO. : T23AY903-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT
			ผลการตรวจวิเคราะห์ (CCR) T23AY903-0002	
pH ^c	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500 -H ⁺ B AND 1060 B	8.3 (28°C)	-
BIOCHEMICAL OXYGEN DEMAND ^a	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	14.5	2.0
CHEMICAL OXYGEN DEMAND ^a	mg/L	CLOSED REFLUX, COLOURIMETRIC METHOD (SM: PART 5220 D)	96.8	25.0
TOTAL SUSPENDED SOLIDS ^a	mg/L	TOTAL SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	26.9	5.0
FAT, OIL AND GREASE ^c	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	ND	3
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			YELLOW/TURBID BROWN	

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

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

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

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ND : NON-DETECTABLE.

Piyapol S.

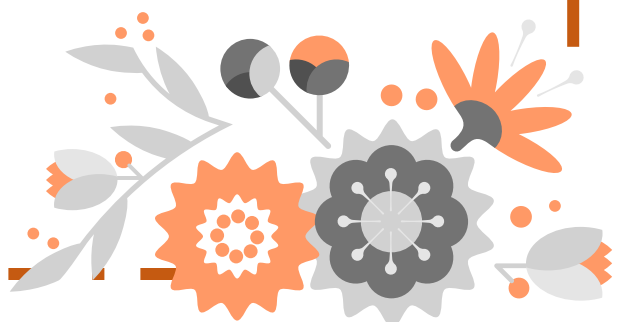
(MRS PIYAPAT SUTTAMANUTWONG)
LABORATORY SUPERVISOR

DECEMBER 25, 2023



ภาคผนวก ข-4

สำเนาใบรายงานผลการตรวจวัดคุณภาพสิ่งแวดล้อม
ในสถานประกอบการ





Analysis Report

F-ES-074 (V. 1.0 ; 10-08-2565)

Report number: 202301092

Report date: 22 Aug 2023

Client information

Company: Siam City Power Company Limited

Contact Person: Mr. Teerapon Pichaikham

Address: 99 Moo 9 Mitraparp Road, Tabkwang, Khaengkoi, Saraburi 18260

E-mail: teerapon.pichaikham@siamcitycement.com

Tel: 08 5007 8600

Sample information

Description: Sound level measurement in workplace

Location: Siam City Power K5+K6

Page 1 of 2

Date	Lot. No.	Reference No.	Location	Leq 8 hr (dB(A))	Lmax (dB(A))
26 Jul	H0140072	H0140072-1	Turbine and Generator	88	90
Standard				-	115 ¹

Reference Method:

¹: Notifications of the Department of Labor Protection and Welfare on principle, measurement method and analysis of the working condition on heat level, illumination, or noise B.E. 2561, Thailand.

Reference Standard:

²: Ministerial Regulation on the Prescribing of Standard for Administration and Management of Occupational Safety, Health and Environment in relation to Heat, Light and Noise, B.E. 2559, Thailand.



Analysis Report

F-ES-074 (V. 1.0 ; 10-08-2565)

Report number: 202301092

Report date: 22 Aug 2023

Client information

Company: Siam City Power Company Limited

Contact Person: Mr. Teerapon Pichaikham

Address: 99 Moo 9 Mitraparp Road, Tabkwang, Khaengkoi, Saraburi 18260

E-mail: teerapon.pichaikham@siamcitycement.com

Tel: 08 5007 8600

Sample information

Description: Sound level measurement in workplace

Location: Siam City Power K5+K6

Page 2 of 2

Monitoring device / Calibrator information

Equipment: Sound Calibrator	Please scan QR Code for the certificate		Sample Reference No. H0140072
Approved standard: IEC 60942			
Code: E-EN-078			
serial No.: 34762380			
Brand / Model: RION / NC-74			
Calibration date: 12 May 2023			
expire date: 11 May 2024			
Equipment: Sound Level Meter	Please scan QR Code for the certificate		Sample Reference No. H0140072-1
Approved standard: IEC 61672			
Code: E-EN-076			
serial No.: 00865780			
Brand / Model: RION / NL-21			
Calibration date: 5 September 2022			
expire date: 4 September 2023			



Analysis Report

F-ES-074 (V. 1.0 ; 10-08-2565)

Report number: 202301104

Report date: 29 Sep 2023

Client information

Company: Siam City Power Company Limited
Contact Person: Mr.Teerapon Pichaikham
Address: 99 Moo 9 Mitraparp Road, Tabkwang, Khaengkoi, Saraburi 18260
E-mail: teerapon.pichaikham@siamcitycement.com
Tel: 08 5007 8600

Sample information

Description: Sound level measurement in workplace
Location: Siam City Power K5+K6

Page 1 of 2

Date	Lot. No.	Reference No.	Location	Leq 8 hr (dB(A))	Lmax (dB(A))
24 Aug	H0140090	H0140090-1	Turbine and Generator	87	90
Standard				-	115 ¹

Reference Method:

: Notifications of the Department of Labor Protection and Welfare on principle, measurement method and analysis of the working condition on heat level, illumination, or noise B.E. 2561, Thailand.

Reference Standard:

¹: Ministerial Regulation on the Prescribing of Standard for Administration and Management of Occupational Safety, Health and Environment in relation to Heat, Light and Noise, B.E. 2559, Thailand.



Analysis Report

F-ES-074 (V. 1.0 ; 10-08-2565)

Report number: 202301104

Report date: 29 Sep 2023

Client information



Company: Siam City Power Company Limited
Contact Person: Mr.Teerapon Pichaikham
Address: 99 Moo 9 Mitraparp Road, Tabkwang, Khaengkoi, Saraburi 18260
E-mail: teerapon.pichaikham@siamcitycement.com
Tel: 08 5007 8600

Sample information

Description: Sound level measurement in workplace
Location: Siam City Power K5+K6

Page 2 of 2

Monitoring device / Calibrator information

Equipment: Sound Calibrator Approved standard: IEC 60942 Code: E-EN-179 serial No.: 19003471 Brand / Model: DeltaOHM / HD 2020 Calibration date: 8 June 2023 expire date: 7 June 2024	Please scan QR Code for the certificate 	Sample Reference No. H0140090
Equipment: Sound Level Meter Approved standard: IEC 61672 Code: E-EN-076 serial No.: 00865780 Brand / Model: RION / NL-21 Calibration date: 5 September 2022 expire date: 4 September 2023	Please scan QR Code for the certificate 	Sample Reference No. H0140090-1



Analysis Report

F-ES-074 (V.1.0 ; 10-08-2565)

Report number: 202301121

Report date: 31 Oct 2023

Client information

Company: Siam City Power Company Limited

Contact Person: Mr. Teerapon Pichaikham

Address: 99 Moo 9 Mitraparp Road, Tabkwang, Khaengkoi, Saraburi 18260

E-mail: teerapon.pichaikham@siamcitycement.com

Tel: 08 5007 8600

Sample information

Description: Sound level measurement in workplace

Location: Siam City Power K5+K6

Page 1 of 2

Date	Lot. No.	Reference No.	Location	Leq 8 hr (dB(A))	Lmax (dB(A))
26 Sep	H0140099	H0140099-1	Turbine and Generator	86	88
Standard				-	115 ¹

Reference Method:

: Notifications of the Department of Labor Protection and Welfare on principle, measurement method and analysis of the working condition on heat level, illumination, or noise B.E. 2561, Thailand.

Reference Standard:

¹: Ministerial Regulation on the Prescribing of Standard for Administration and Management of Occupational Safety, Health and Environment in relation to Heat, Light and Noise, B.E. 2559, Thailand.



Analysis Report

F-ES-074 (V.1.0 ; 10-08-2565)

Report number: 202301121

Report date: 31 Oct 2023

Client information

Company: Siam City Power Company Limited

Contact Person: Mr. Teerapon Pichaikham

Address: 99 Moo 9 Mitraparp Road, Tabkwang, Khaengkoi, Saraburi 18260

E-mail: teerapon.pichaikham@siamcitycement.com



Tel: 08 5007 8600

Sample information

Description: Sound level measurement in workplace

Location: Siam City Power K5+K6

Page 2 of 2

Monitoring device / Calibrator information			
Equipment: Sound Calibrator	Please scan QR Code for the certificate		Sample Reference No. H0140099
Approved standard: IEC 60942			
Code: E-EN-179			
serial No.: 19003471			
Brand / Model: DeltaOHM / HD 2020			
Calibration date: 8 June 2023			
expire date: 7 June 2024			
Equipment: Sound Level Meter	Please scan QR Code for the certificate		Sample Reference No. H0140099-1
Approved standard: IEC 61672			
Code: E-EN-077			
serial No.: 00865781			
Brand / Model: RION / NL-21			
Calibration date: 27 April 2023			
expire date: 26 April 2024			



Analysis Report

F-ES-074 (V. 1.0 ; 10-08-2565)

Report number: 202301130

Report date: 24 Nov 2023

Client information

Company: Siam City Power Company Limited
Contact Person: Mr.Teerapon Pichaikham
Address: 99 Moo 9 Mitraparp Road, Tabkwang, Khaengkoi, Saraburi 18260
E-mail: teerapon.pichaikham@siamcitycement.com
Tel: 08 5007 8600

Sample information

Description: Sound level measurement in workplace
Location: Siam City Power K5+K6

Page 1 of 2

Date	Lot. No.	Reference No.	Location	Leq 8 hr (dB(A))	Lmax (dB(A))
27 Oct	H0140114	H0140114-1	Turbine and Generator	97	101
Standard				-	115 ¹

Reference Method:

: Notifications of the Department of Labor Protection and Welfare on principle, measurement method and analysis of the working condition on heat level, illumination, or noise B.E. 2561, Thailand.

Reference Standard:

¹: Ministerial Regulation on the Prescribing of Standard for Administration and Management of Occupational Safety, Health and Environment in relation to Heat, Light and Noise, B.E. 2559, Thailand.



Analysis Report

F-ES-074 (V. 1.0 ; 10-08-2565)

Report number: 202301130

Report date: 24 Nov 2023

Client information



Company: Siam City Power Company Limited
Contact Person: Mr.Teerapon Pichaikham
Address: 99 Moo 9 Mitraparp Road, Tabkwang, Khaengkoi, Saraburi 18260
E-mail: teerapon.pichaikham@siamcitycement.com
Tel: 08 5007 8600

Sample information

Description: Sound level measurement in workplace
Location: Siam City Power K5+K6

Page 2 of 2

Monitoring device / Calibrator information

Equipment: Sound Calibrator Approved standard: IEC 60942 Code: E-EN-179 serial No.: 19003471 Brand / Model: DeltaOHM / HD 2020 Calibration date: 8 June 2023 expire date: 7 June 2024	Please scan QR Code for the certificate  E-EN-179-2023Y	Sample Reference No. H0140114
Equipment: Sound Level Meter Approved standard: IEC 61672 Code: E-EN-077 serial No.: 00865781 Brand / Model: RION / NL-21 Calibration date: 27 April 2023 expire date: 26 April 2024	Please scan QR Code for the certificate  E-EN-077-2023Y	Sample Reference No. H0140114-1



Analysis Report

F-ES-074 (V. 1.0 ; 10-08-2565)

Report number: 202301141

Report date: 14 Dec 2023

Client information

Company: Siam City Power Company Limited
Contact Person: Mr.Teerapon Pichaiham
Address: 99 Moo 9 Mitraparp Road, Tabkwang, Khaengkoi, Saraburi 18260
E-mail: teerapon.pichaiham@siamcitycement.com **Tel:** 08 5007 8600

Sample information

Description: Sound level measurement in workplace
Location: Siam City Power K5+K6

Page 1 of 2

Date	Lot. No.	Reference No.	Location	Leq 8 hr (dB(A))	Lmax (dB(A))
23 Nov	H0140117	H0140117-1	Turbine and Generator	87	89
Standard				-	115 ¹

Reference Method:

: Notifications of the Department of Labor Protection and Welfare on principle, measurement method and analysis of the working condition on heat level, illumination, or noise B.E. 2561, Thailand.

Reference Standard:

¹: Ministerial Regulation on the Prescribing of Standard for Administration and Management of Occupational Safety, Health and Environment in relation to Heat, Light and Noise, B.E. 2559, Thailand.



Analysis Report

F-ES-074 (V. 1.0 ; 10-08-2565)

Report number: 202301141

Report date: 14 Dec 2023

Client information



Company: Siam City Power Company Limited
Contact Person: Mr.Teerapon Pichaiham
Address: 99 Moo 9 Mitraparp Road, Tabkwang, Khaengkoi, Saraburi 18260
E-mail: teerapon.pichaiham@siamcitycement.com **Tel:** 08 5007 8600

Sample information

Description: Sound level measurement in workplace
Location: Siam City Power K5+K6

Page 2 of 2

Monitoring device / Calibrator information

Equipment: Sound Calibrator Approved standard: IEC 60942 Code: E-EN-179 serial No.: 19003471 Brand / Model: DeltaOHM / HD 2020 Calibration date: 8 June 2023 expire date: 7 June 2024	Please scan QR Code for the certificate 	Sample Reference No. H0140117
Equipment: Sound Level Meter Approved standard: IEC 61672 Code: E-EN-077 serial No.: 00865781 Brand / Model: RION / NL-21 Calibration date: 27 April 2023 expire date: 26 April 2024	Please scan QR Code for the certificate 	Sample Reference No. H0140117-1



Analysis Report

F-ES-074 (V. 1.0 ; 10-08-2565)

Report number: 202301144

Report date: 15 Dec 2023

Client information

Company: Siam City Power Company Limited
Contact Person: Mr.Teerapon Pichaikham
Address: 99 Moo 9 Mitraparp Road, Tabkwang, Khaengkoi, Saraburi 18260
E-mail: teerapon.pichaikham@siamcitycement.com
Tel: 08 5007 8600

Sample information

Description: Sound level measurement in workplace
Location: Siam City Power K5+K6

Page 1 of 2

Date	Lot. No.	Reference No.	Location	Leq 8 hr (dB(A))	Lmax (dB(A))
11 Dec	H0140118	H0140118-1	Turbine and Generator	87	88
Standard				-	115 ¹

Reference Method:

: Notifications of the Department of Labor Protection and Welfare on principle, measurement method and analysis of the working condition on heat level, illumination, or noise B.E. 2561, Thailand.

Reference Standard:

¹: Ministerial Regulation on the Prescribing of Standard for Administration and Management of Occupational Safety, Health and Environment in relation to Heat, Light and Noise, B.E. 2559, Thailand.



Analysis Report

F-ES-074 (V. 1.0 ; 10-08-2565)

Report number: 202301144

Report date: 15 Dec 2023

Client information



Company: Siam City Power Company Limited
Contact Person: Mr.Teerapon Pichaikham
Address: 99 Moo 9 Mitraparp Road, Tabkwang, Khaengkoi, Saraburi 18260
E-mail: teerapon.pichaikham@siamcitycement.com
Tel: 08 5007 8600

Sample information

Description: Sound level measurement in workplace
Location: Siam City Power K5+K6

Page 2 of 2

Monitoring device / Calibrator information

Equipment: Sound Calibrator Approved standard: IEC 60942 Code: E-EN-179 serial No.: 19003471 Brand / Model: DeltaOHM / HD 2020 Calibration date: 8 June 2023 expire date: 7 June 2024	Please scan QR Code for the certificate  E-EN-179-2023Y	Sample Reference No. H0140118
Equipment: Sound Level Meter Approved standard: IEC 61672 Code: E-EN-077 serial No.: 00865781 Brand / Model: RION / NL-21 Calibration date: 27 April 2023 expire date: 26 April 2024	Please scan QR Code for the certificate  E-EN-077-2023Y	Sample Reference No. H0140118-1



Analysis Report

F-ES-073 (V. 1.0 ; 15-07-2565)

Report number: 202301094

Report date: 22 Aug 2023

Client information

Company: Siam City Power Company Limited
Contact Person: Mr. Teerapon Pichaikham
Address: 99 Moo 9 Mitraparp RD, Tabkwang, Khaengkoi, Saraburi 18260
E-mail: teerapon.pichaikham@siamcitycement.com
Tel: 08 5007 8600

Sample information

Description: Heat stress measurement in working area.
Location: Siam City Power K5,K6

Page 1 of 2

Date	LOT no.	Reference No.	Location	Temperature [°C]			Working condition	WBGT [°C]
				Wet Bulb	Dry Bulb	Globe		
26 Jul	H0120051	H0120051-1	Turbine and Generator	27.4	38.1	45.4	Indoor	32.8
		H0120051-2	Control room	21.5	27.8	28.1		23.5
		H0120051-3	Preheater Boiler K5	26.3	29.7	30.4		27.6
27 Jul	H0120052	H0120052-1	Air Quenching Cooler Boiler K5	26.7	30.9	32.1		27.8
		H0120052-2	Air Quenching Cooler Boiler K6	26.6	30.7	31.9		28.2
		H0120052-3	Preheater Boiler K6	26.4	31.1	31.2		27.8

Reference Method:

Notifications of the Department of Labor Protection and Welfare on principle, measurement method and analysis of the working condition on heat, light and noise B.E. 2561, Thailand.

Reference Standard:



Analysis Report

F-ES-073 (V. 1.0 ; 15-07-2565)

Report number: 202301094

Report date: 22 Aug 2023

Client information


Company: Siam City Power Company Limited
Contact Person: Mr. Teerapon Pichaikham
Address: 99 Moo 9 Mitraparp RD, Tabkwang, Khaengkoi, Saraburi 18260
E-mail: teerapon.pichaikham@siamcitycement.com
Tel: 08 5007 8600

Sample information

Description: Heat stress measurement in working area.
Location: Siam City Power K5,K6

Page 2 of 2

Monitoring device / Calibrator information

Equipment: Thermal Environment Monitor		Sample Reference No.
Approved standard: ISO 7243		H0120051-1
Code: E-EN-187		H0120051-2
serial No.: 19028482		H0120051-3
Brand / Model: Delta OHM / HD32.2R		H0120052-1
Calibration date: 23 March 2023		H0120052-2
expire date: 24 March 2024		H0120052-3



Analysis Report

F-ES-073 (V. 1.0 ; 15-07-2565)

Report number: 202301106

Report date: 29 Sep 2023

Client information

Company: Siam City Power Company Limited
Contact Person: Mr.Teerapon Pichaikham
Address: 99 Moo 9 Mitraparp RD, Tabkwang, Khaengkoi, Saraburi 18260
E-mail: teerapon.pichaikham@siamcitycement.com
Tel: 08 5007 8600

Sample information

Description: Heat stress measurement in working area.
Location: Siam City Power K5,K6

Page 1 of 2

Date	LOT no.	Reference No.	Location	Temperature [°C]			Working condition	WBGT [°C]
				Wet Bulb	Dry Bulb	Globe		
24 Aug	H0120060	H0120060-1	Turbine and Generator	28.5	38.9	39.0	Indoor	31.7
		H0120060-2	Control room	24.5	28.7	29.5		24.7
25 Aug	H0120061	H0120061-1	Preheater Boiler K5	25.7	31.2	31.8		27.5
		H0120061-2	Air Quenching Cooler Boiler K5	22.9	29.7	30.1		25.0
29 Aug	H0120062	H0120062-1	Air Quenching Cooler Boiler K6	25.9	31.0	31.0		27.4
		H0120062-2	Preheater Boiler K6	25.4	31.0	31.0		27.1

Reference Method:

Notifications of the Department of Labor Protection and Welfare on principle, measurement method and analysis of the working condition on heat, light and noise B.E. 2561, Thailand.

Reference Standard:



Analysis Report

F-ES-073 (V. 1.0 ; 15-07-2565)

Report number: 202301106

Report date: 29 Sep 2023

Client information

Company: Siam City Power Company Limited
Contact Person: Mr.Teerapon Pichaikham
Address: 99 Moo 9 Mitraparp RD, Tabkwang, Khaengkoi, Saraburi 18260
E-mail: teerapon.pichaikham@siamcitycement.com
Tel: 08 5007 8600

Sample information

Description: Heat stress measurement in working area.
Location: Siam City Power K5,K6

Page 2 of 2

Monitoring device / Calibrator information

Equipment: Thermal Environment Monitor		Sample Reference No.
Approved standard: ISO 7243		H0120060-1
Code: E-EN-187		H0120060-2
serial No.: 19028482		H0120061-1
Brand / Model: Delta OHM / HD32.2R		H0120061-2
Calibration date: 23 March 2023	Please scan QR Code for the certificate	H0120062-1
expire date: 24 March 2024		H0120062-2



Analysis Report

F-ES-073 (V.1.0 ; 15-07-2565)

Report number: 202301123

Report date: 31 Oct 2023

Client information

Company: Siam City Power Company Limited
Contact Person: Mr. Teerapon Pichaikham
Address: 99 Moo 9 Mitraparp RD, Tabkwang, Khaengkoi, Saraburi 18260
E-mail: teerapon.pichaikham@siamcitycement.com
Tel: 08 5007 8600

Sample information

Description: Heat stress measurement in working area.
Location: Siam City Power K5,K6

Page 1 of 2

Date	LOT no.	Reference No.	Location	Temperature [°C]			Working condition	WBGT [°C]
				Wet Bulb	Dry Bulb	Globe		
26 Sep	H0120069	H0120069-1	Turbine and Generator	30.2	37.1	38.5	Indoor	32.7
		H0120069-2	Control room	25.9	26.2	26.6		21.8
27 Sep	H0120070	H0120070-1	Preheater Boiler K5	25.8	26.6	27.2		26.2
		H0120070-2	Air Quenching Cooler Boiler K5	25.6	26.8	27.0		26.0
29 Sep	H0120071	H0120071-1	Air Quenching Cooler Boiler K6	25.9	30.3	30.9		27.4
		H0120071-2	Preheater Boiler K6	26.5	28.1	28.4		27.1

Reference Method:

Notifications of the Department of Labor Protection and Welfare on principle, measurement method and analysis of the working condition on heat, light and noise B.E. 2561, Thailand.

Reference Standard:



Analysis Report

F-ES-073 (V.1.0 ; 15-07-2565)

Report number: 202301123

Report date: 31 Oct 2023

Client information


Company: Siam City Power Company Limited
Contact Person: Mr. Teerapon Pichaikham
Address: 99 Moo 9 Mitraparp RD, Tabkwang, Khaengkoi, Saraburi 18260
E-mail: teerapon.pichaikham@siamcitycement.com
Tel: 08 5007 8600

Sample information

Description: Heat stress measurement in working area.
Location: Siam City Power K5,K6

Page 2 of 2

Monitoring device / Calibrator information

Equipment: Thermal Environment Monitor		Sample Reference No.
Approved standard: ISO 7243		H0120069-1
Code: E-EN-187		H0120069-2
serial No.: 19028482		H0120070-1
Brand / Model: Delta OHM / HD32.2R		H0120070-2
Calibration date: 23 March 2023	Please scan QR Code for the certificate	H0120071-1
expire date: 24 March 2024		H0120071-2



Analysis Report

F-ES-073 (V.1.0 ; 15-07-2565)

Report number: 202301132

Report date: 24 Nov 2023

Client information

Company: Siam City Power Company Limited
Contact Person: Mr.Teerapon Pichaikham
Address: 99 Moo 9 Mitraparp RD, Tabkwang, Khaengkoj, Saraburi 18260
E-mail: teerapon.pichaikham@siamcitycement.com
Tel: 08 5007 8600

Sample information

Description: Heat stress measurement in working area.
Location: Siam City Power K5,K6

Page 1 of 2

Date	LOT no.	Reference No.	Location	Temperature [°C]			Working condition	WBGT [°C]
				Wet Bulb	Dry Bulb	Globe		
27 Oct	H0120074	H0120074-1	Turbine and Generator	30.5	34.3	41.4	Indoor	33.7
		H0120074-2	Control room	23.2	25.4	25.8		21.6
28 Oct	H0120075	H0120075-1	Preheater Boiler K5	24.4	26.5	27.3		26.2
		H0120075-2	Air Quenching Cooler Boiler K5	24.7	26.1	29.5		26.1
30 Oct	H0120076	H0120076-1	Air Quenching Cooler Boiler K6	24.9	30.9	31.0		26.7
		H0120076-2	Preheater Boiler K6	24.8	28.2	28.4		26.6

Reference Method:

Notifications of the Department of Labor Protection and Welfare on principle, measurement method and analysis of the working condition on heat, light and noise B.E. 2561, Thailand.

Reference Standard:



Analysis Report

F-ES-073 (V.1.0 ; 15-07-2565)

Report number: 202301132

Report date: 24 Nov 2023

Client information


Company: Siam City Power Company Limited
Contact Person: Mr.Teerapon Pichaikham
Address: 99 Moo 9 Mitraparp RD, Tabkwang, Khaengkoj, Saraburi 18260
E-mail: teerapon.pichaikham@siamcitycement.com
Tel: 08 5007 8600

Sample information

Description: Heat stress measurement in working area.
Location: Siam City Power K5,K6

Page 2 of 2

Monitoring device / Calibrator information

Equipment: Thermal Environment Monitor		Sample Reference No.
Approved standard: ISO 7243		H0120074-1
Code: E-EN-187		H0120074-2
serial No.: 19028482		H0120075-1
Brand / Model: Delta OHM / HD32.2R		H0120075-2
Calibration date: 23 March 2023		H0120076-1
expire date: 24 March 2024		H0120076-2

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Code for the
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Analysis Report

F-ES-073 (V. 1.0 ; 15-07-2565)

Report number: 202301143

Report date: 14 Dec 2023

Client information

Company: Siam City Power Company Limited
Contact Person: Mr.Teerapon Pichaikham
Address: 99 Moo 9 Mitraparp RD, Tabkwang, Khaengko, Saraburi 18260
E-mail: teerapon.pichaikham@siamcitycement.com
Tel: 08 5007 8600

Sample information

Description: Heat stress measurement in working area.
Location: Siam City Power K5,K6

Page 1 of 2

Date	LOT no.	Reference No.	Location	Temperature [°C]			Working condition	WBGT [°C]
				Wet Bulb	Dry Bulb	Globe		
23 Nov	H0120084	H0120084-1	Turbine and Generator	27.7	37.2	38.9	Indoor	31.1
		H0120084-2	Control room	23.1	25.2	25.7		23.4
24 Nov	H0120085	H0120085-1	Preheater Boiler K5	22.6	29.2	29.1		24.5
		H0120085-2	Air Quenching Cooler Boiler K5	22.9	30.6	30.4		25.2
27 Nov	H0120086	H0120086-1	Air Quenching Cooler Boiler K6	24.3	28.5	28.7		25.7
		H0120086-2	Preheater Boiler K6	24.5	29.3	30.2		26.3

Reference Method:

Notifications of the Department of Labor Protection and Welfare on principle, measurement method and analysis of the working condition on heat, light and noise B.E. 2561, Thailand.

Reference Standard:



Analysis Report

F-ES-073 (V. 1.0 ; 15-07-2565)

Report number: 202301143

Report date: 14 Dec 2023

Client information


Company: Siam City Power Company Limited
Contact Person: Mr.Teerapon Pichaikham
Address: 99 Moo 9 Mitraparp RD, Tabkwang, Khaengko, Saraburi 18260
E-mail: teerapon.pichaikham@siamcitycement.com
Tel: 08 5007 8600

Sample information

Description: Heat stress measurement in working area.
Location: Siam City Power K5,K6

Page 2 of 2

Monitoring device / Calibrator information

Equipment: Thermal Environment Monitor		Sample Reference No.
Approved standard: ISO 7243		H0120084-1
Code: E-EN-187		H0120084-2
serial No.: 19028482		H0120085-1
Brand / Model: Delta OHM / HD32.2R		H0120085-2
Calibration date: 23 March 2023		H0120086-1
expire date: 24 March 2024		H0120086-2

Please scan QR
Code for the
certificate





Analysis Report

F-ES-073 (V.1.0 ; 15-07-2565)

Report number: 202301146

Report date: 15 Dec 2023

Client information

Company: Siam City Power Company Limited
Contact Person: Mr.Teerapon Pichaikham
Address: 99 Moo 9 Mitraparp RD, Tabkwang, Khaengko, Saraburi 18260
E-mail: teerapon.pichaikham@siamcitycement.com
Tel: 08 5007 8600

Sample information

Description: Heat stress measurement in working area.
Location: Siam City Power K5,K6

Page 1 of 2

Date	LOT no.	Reference No.	Location	Temperature [°C]			Working condition	WBGT [°C]
				Wet Bulb	Dry Bulb	Globe		
11 Dec	H0120087	H0120087-1	Turbine and Generator	30.7	37.4	41.8	Indoor	34.0
		H0120087-2	Control room	23.5	25.7	26.1		23.5
12 Dec	H0120088	H0120088-1	Preheater Boiler K5	26.0	30.5	32.2		27.9
		H0120088-2	Air Quenching Cooler Boiler K5	25.6	29.4	30.9		27.2
13 Dec	H0120089	H0120089-1	Air Quenching Cooler Boiler K6	25.2	29.6	32.1		27.3
		H0120089-2	Preheater Boiler K6	25.4	29.5	32.1		27.4

Reference Method:

Notifications of the Department of Labor Protection and Welfare on principle, measurement method and analysis of the working condition on heat, light and noise B.E. 2561, Thailand.

Reference Standard:



Analysis Report

F-ES-073 (V.1.0 ; 15-07-2565)

Report number: 202301146

Report date: 15 Dec 2023

Client information

Company: Siam City Power Company Limited
Contact Person: Mr.Teerapon Pichaikham
Address: 99 Moo 9 Mitraparp RD, Tabkwang, Khaengko, Saraburi 18260
E-mail: teerapon.pichaikham@siamcitycement.com
Tel: 08 5007 8600

Sample information

Description: Heat stress measurement in working area.
Location: Siam City Power K5,K6

Page 2 of 2

Monitoring device / Calibrator information

Equipment: Thermal Environment Monitor		Sample Reference No.
Approved standard: ISO 7243		H0120087-1
Code: E-EN-187		H0120087-2
serial No.: 19028482		H0120088-1
Brand / Model: Delta OHM / HD32.2R		H0120088-2
Calibration date: 23 March 2023		H0120089-1
expire date: 24 March 2024		H0120089-2



Analysis Report

F-ES-076 (V. 2.0 03-11-2565)

Report number: 202301093

Report date: 22 Aug 2023

Client information

Company: Siam City Power Company Limited
Contact Person: Mr. Teerapon Pichaiham
Address: 99 Moo 9 Mitraparp Road, Tabkwang, Khaengkoi, Saraburi 18260
E-mail: teerapon.pichaiham@siamcitycement.com
Tel: 08 5007 8600

Sample information

Description: Illumination level measurement at working area.

Location: Siam City Power K5+K6

Measurement date: 26 July 2023

Sample Lot. ID: H0130138

Page 1 of 2

Area measurement

Reference number	Location	Work type / Area	Illumination [Lux]		Standard [Lux]	
			Average	Min	Average	Min
H0130138-1	Turbine and Generator	Boiler building	223	136	200	100
H0130138-2	Air Quenching Cooler Boiler K5	Boiler building	293	152	200	100
H0130138-3	Air Quenching Cooler Boiler K6	Boiler building	214	147	200	100
H0130138-4	Preheater Boiler K5	Boiler building	208	161	200	100
H0130138-5	Preheater Boiler K6	Boiler building	262	220	200	100
H0130138-6	Control room	Control room	628	577	200	100

Reference Method:

Notifications of the Department of Labor Protection and Welfare on principle, measurement method and analysis of the working condition on heat level, illumination, or noise B.E. 2561, Thailand.

Reference Standard:

Notifications of the Department of Labor Protection and Welfare on the Illumination standard B.E. 2561, Thailand.

Remark: dayshift



Analysis Report

F-ES-076 (V. 2.0 03-11-2565)

Report number: 202301093

Report date: 22 Aug 2023

Client information

Company: Siam City Power Company Limited
Contact Person: Mr. Teerapon Pichaiham
Address: 99 Moo 9 Mitraparp Road, Tabkwang, Khaengkoi, Saraburi 18260
E-mail: teerapon.pichaiham@siamcitycement.com
Tel: 08 5007 8600

Sample information

Description: Illumination level measurement at working area.

Location: Siam City Power K5+K6

Measurement date: 26 July 2023

Sample Lot. ID: H0130138

Page 2 of 2

Monitoring device / Calibrator information

Equipment: Digital Light Meter
Code: E-EN-183
serial No.: A.043068
Brand / Model: EXTECH / 407026
Calibration date: 20 July 2023
expire date: 19 July 2024

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certificate



Sample Reference No.

H0130138-1
H0130138-2
H0130138-3
H0130138-4
H0130138-5
H0130138-6



Analysis Report

F-ES-076 (V. 2.0 03-11-2565)

Report number: 202301105

Report date: 29 Sep 2023

Client information

Company: Siam City Power Company Limited
Contact Person: Mr. Teerapon Pichalkham
Address: 99 Moo 9 Mitraparp Road, Tabkwang, Khaengkoi, Saraburi 18260
E-mail: teerapon.pichalkham@siamcitycement.com
Tel: 08 5007 8600

Sample information

Description: Illumination level measurement at working area.

Location: Siam City Power K5+K6

Measurement date: 24 August 2023

Sample Lot. ID: H0130140

Page 1 of 2

Area measurement

Reference number	Location	Work type / Area	Illumination [Lux]		Standard [Lux]	
			Average	Min	Average	Min
H0130140-1	Turbine and Generator	Boiler building	234	155	200	100
H0130140-2	Air Quenching Cooler Boiler K5	Boiler building	275	141	200	100
H0130140-3	Air Quenching Cooler Boiler K6	Boiler building	224	132	200	100
H0130140-4	Preheater Boiler K5	Boiler building	202	165	200	100
H0130140-5	Preheater Boiler K6	Boiler building	248	195	200	100
H0130140-6	Control room	Control room	612	588	200	100

Reference Method:

Notifications of the Department of Labor Protection and Welfare on principle, measurement method and analysis of the working condition on heat level, illumination, or noise B.E. 2561, Thailand.

Reference Standard:

Notifications of the Department of Labor Protection and Welfare on the Illumination standard B.E. 2561, Thailand.

Remark: dayshift



Analysis Report

F-ES-076 (V. 2.0 03-11-2565)

Report number: 202301105

Report date: 29 Sep 2023

Client information

Company: Siam City Power Company Limited
Contact Person: Mr. Teerapon Pichalkham
Address: 99 Moo 9 Mitraparp Road, Tabkwang, Khaengkoi, Saraburi 18260
E-mail: teerapon.pichalkham@siamcitycement.com
Tel: 08 5007 8600

Sample information

Description: Illumination level measurement at working area.

Location: Siam City Power K5+K6

Measurement date: 24 August 2023

Sample Lot. ID: H0130140

Page 2 of 2

Monitoring device / Calibrator information

Equipment: Digital Light Meter
Code: E-EN-183
serial No.: A.043068
Brand / Model: EXTECH / 407026
Calibration date: 20 July 2023
expire date: 19 July 2024

Please scan QR
Code for the
certificate



Sample Reference No.

H0130140-1
H0130140-2
H0130140-3
H0130140-4
H0130140-5
H0130140-6



Analysis Report

F-ES-076 (V. 2.0 03-11-2565)

Report number: 202301122

Report date: 31 Oct 2023

Client information

Company: Siam City Power Company Limited
Contact Person: Mr. Teerapon Pichakham
Address: 99 Moo 9 Mitraparp Road, Tabkwang, Khaengko, Saraburi 18260
E-mail: teerapon.pichakham@siamcitycement.com **Tel:** 08 5007 8600

Sample information

Description: Illumination level measurement at working area.
Location: Siam City Power K5+K6
Measurement date: 26 September 2023 **Sample Lot. ID:** H0130141 **Page 1 of 2**

Area measurement

Reference number	Location	Work type / Area	Illumination [Lux]		Standard [Lux]	
			Average	Min	Average	Min
H0130141-1	Turbine and Generator	Boiler building	224	164	200	100
H0130141-2	Air Quenching Cooler Boiler K5	Boiler building	245	156	200	100
H0130141-3	Air Quenching Cooler Boiler K6	Boiler building	232	125	200	100
H0130141-4	Preheater Boiler K5	Boiler building	210	172	200	100
H0130141-5	Preheater Boiler K6	Boiler building	243	176	200	100
H0130141-6	Control room	Control room	623	576	200	100

Reference Method:

Notifications of the Department of Labor Protection and Welfare on principle, measurement method and analysis of the working condition on heat level, illumination, or noise B.E. 2561, Thailand.

Reference Standard:

Notifications of the Department of Labor Protection and Welfare on the Illumination standard B.E. 2561, Thailand.

Remark: dayshift



Analysis Report

F-ES-076 (V. 2.0 03-11-2565)

Report number: 202301122

Report date: 31 Oct 2023


Client information

Company: Siam City Power Company Limited
Contact Person: Mr. Teerapon Pichakham
Address: 99 Moo 9 Mitraparp Road, Tabkwang, Khaengko, Saraburi 18260
E-mail: teerapon.pichakham@siamcitycement.com **Tel:** 08 5007 8600

Sample information

Description: Illumination level measurement at working area.
Location: Siam City Power K5+K6
Measurement date: 26 September 2023 **Sample Lot. ID:** H0130141 **Page 2 of 2**

Monitoring device / Calibrator information

Equipment: Digital Light Meter	Please scan QR Code for the certificate	Sample Reference No.
Code: E-EN-183		H0130141-1
serial No.: A.043068		H0130141-2
Brand / Model: EXTECH / 407026		H0130141-3
Calibration date: 20 July 2023		H0130141-4
expire date: 19 July 2024		H0130141-5
		H0130141-6



Analysis Report

F-ES-076 (V. 2.0 03-11-2565)

Report number: 202301131

Report date: 24 Nov 2023

Client information

Company: Siam City Power Company Limited
Contact Person: Mr. Teerapon Pichakham
Address: 99 Moo 9 Mitraparp Road, Tabkwang, Khaengkoi, Saraburi 18260
E-mail: teerapon.pichakham@siamcitycement.com
Tel: 08 5007 8600

Sample information

Description: Illumination level measurement at working area.

Location: Siam City Power K5+K6

Measurement date: 27 October 2023

Sample Lot. ID: H0130145

Page 1 of 2

Area measurement

Reference number	Location	Work type / Area	Illumination [Lux]		Standard [Lux]	
			Average	Min	Average	Min
H0130145-1	Turbine and Generator	Boiler building	213	172	200	100
H0130145-2	Air Quenching Cooler Boiler K5	Boiler building	291	175	200	100
H0130145-3	Air Quenching Cooler Boiler K6	Boiler building	241	132	200	100
H0130145-4	Preheater Boiler K5	Boiler building	209	164	200	100
H0130145-5	Preheater Boiler K6	Boiler building	252	179	200	100
H0130145-6	Control room	Control room	636	583	200	100

Reference Method:

Notifications of the Department of Labor Protection and Welfare on principle, measurement method and analysis of the working condition on heat level, illumination, or noise B.E. 2561, Thailand.

Reference Standard:

Notifications of the Department of Labor Protection and Welfare on the Illumination standard B.E. 2561, Thailand.

Remark: dayshift



Analysis Report

F-ES-076 (V. 2.0 03-11-2565)

Report number: 202301131

Report date: 24 Nov 2023

Client information

Company: Siam City Power Company Limited
Contact Person: Mr. Teerapon Pichakham
Address: 99 Moo 9 Mitraparp Road, Tabkwang, Khaengkoi, Saraburi 18260
E-mail: teerapon.pichakham@siamcitycement.com
Tel: 08 5007 8600

Sample information

Description: Illumination level measurement at working area.

Location: Siam City Power K5+K6

Measurement date: 27 October 2023

Sample Lot. ID: H0130145

Page 2 of 2

Monitoring device / Calibrator information

Equipment: Digital Light Meter
Code: E-EN-183
serial No.: A.043068
Brand / Model: EXTECH / 407026
Calibration date: 20 July 2023
expire date: 19 July 2024

Please scan QR
Code for the
certificate



Sample Reference No.

H0130145-1
H0130145-2
H0130145-3
H0130145-4
H0130145-5
H0130145-6



Analysis Report

F-ES-076 (V. 2.0 03-11-2565)

Report number: 202301142

Report date: 14 Dec 2023

Client information

Company: Siam City Power Company Limited
Contact Person: Mr. Teerapon Pichakham
Address: 99 Moo 9 Mitraparp Road, Tabkwang, Khaengkoi, Saraburi 18260
E-mail: teerapon.pichakham@siamcitycement.com
Tel: 08 5007 8600

Sample information

Description: Illumination level measurement at working area.
Location: Siam City Power K5+K6
Measurement date: 23 November 2023
Sample Lot. ID: H0130149

Page 1 of 2

Area measurement

Reference number	Location	Work type / Area	Illumination [Lux]		Standard [Lux]	
			Average	Min	Average	Min
H0130149-1	Turbine and Generator	Boiler building	221	185	200	100
H0130149-2	Air Quenching Cooler Boiler K5	Boiler building	331	162	200	100
H0130149-3	Air Quenching Cooler Boiler K6	Boiler building	222	150	200	100
H0130149-4	Preheater Boiler K5	Boiler building	216	178	200	100
H0130149-5	Preheater Boiler K6	Boiler building	274	186	200	100
H0130149-6	Control room	Control room	622	573	200	100

Reference Method:

Notifications of the Department of Labor Protection and Welfare on principle, measurement method and analysis of the working condition on heat level, illumination, or noise B.E. 2561, Thailand.

Reference Standard:

Notifications of the Department of Labor Protection and Welfare on the Illumination standard B.E. 2561, Thailand.

Remark: dayshift



Analysis Report

F-ES-076 (V. 2.0 03-11-2565)

Report number: 202301142

Report date: 14 Dec 2023

Client information

Company: Siam City Power Company Limited
Contact Person: Mr. Teerapon Pichakham
Address: 99 Moo 9 Mitraparp Road, Tabkwang, Khaengkoi, Saraburi 18260
E-mail: teerapon.pichakham@siamcitycement.com
Tel: 08 5007 8600

Sample information

Description: Illumination level measurement at working area.
Location: Siam City Power K5+K6
Measurement date: 23 November 2023
Sample Lot. ID: H0130149

Page 2 of 2

Monitoring device / Calibrator information

Equipment: Digital Light Meter
Code: E-EN-183
serial No.: A.043068
Brand / Model: EXTECH / 407026
Calibration date: 20 July 2023
expire date: 19 July 2024

Please scan QR
Code for the
certificate



Sample Reference No.

H0130149-1
H0130149-2
H0130149-3
H0130149-4
H0130149-5
H0130149-6



Analysis Report

F-ES-076 (V. 2.0 03-11-2565)

Report number: 202301145

Report date: 15 Dec 2023

Client information

Company: Siam City Power Company Limited
Contact Person: Mr. Teerapon Pichaiham
Address: 99 Moo 9 Mitraparp Road, Tabkwang, Khaengkoi, Saraburi 18260
E-mail: teerapon.pichaiham@siamcitycement.com
Tel: 08 5007 8600

Sample information

Description: Illumination level measurement at working area.
Location: Siam City Power K5+K6
Measurement date: 12 December 2023

Sample Lot. ID: H0130150

Page 1 of 2

Area measurement

Reference number	Location	Work type / Area	Illumination [Lux]		Standard [Lux]	
			Average	Min	Average	Min
H0130150-1	Turbine and Generator	Boiler building	225	182	200	100
H0130150-2	Air Quenching Cooler Boiler K5	Boiler building	305	183	200	100
H0130150-3	Air Quenching Cooler Boiler K6	Boiler building	234	169	200	100
H0130150-4	Preheater Boiler K5	Boiler building	223	174	200	100
H0130150-5	Preheater Boiler K6	Boiler building	346	218	200	100
H0130150-6	Control room	Control room	618	573	200	100

Reference Method:

Notifications of the Department of Labor Protection and Welfare on principle, measurement method and analysis of the working condition on heat level, illumination, or noise B.E. 2561, Thailand.

Reference Standard:

Notifications of the Department of Labor Protection and Welfare on the Illumination standard B.E. 2561, Thailand.

Remark: dayshift



Analysis Report

F-ES-076 (V. 2.0 03-11-2565)

Report number: 202301145

Report date: 15 Dec 2023

Client information

Company: Siam City Power Company Limited
Contact Person: Mr. Teerapon Pichaiham
Address: 99 Moo 9 Mitraparp Road, Tabkwang, Khaengkoi, Saraburi 18260
E-mail: teerapon.pichaiham@siamcitycement.com
Tel: 08 5007 8600

Sample information

Description: Illumination level measurement at working area.
Location: Siam City Power K5+K6
Measurement date: 12 December 2023

Sample Lot. ID: H0130150

Page 2 of 2

Monitoring device / Calibrator information

Equipment: Digital Light Meter
Code: E-EN-183
serial No.: A.043068
Brand / Model: EXTECH / 407026
Calibration date: 20 July 2023
expire date: 19 July 2024

Please scan QR
Code for the
certificate



Sample Reference No.

H0130150-1
H0130150-2
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