

香港電燈有限公司
The Hongkong Electric Co., Ltd.



**Lamma Power Station
Units L2, L4 & L5 Flue Gas Desulphurization
Plants Retrofit**

Operational Phase

Quarterly Environmental Monitoring & Audit Report

April – June 2024

香港電燈有限公司
The Hongkong Electric Co., Ltd.



ENVIRONMENTAL IMPACT ASSESSMENT (EIA) ORDINANCE, CAP. 499

ENVIRONMENTAL PERMITS NO. EP-248/2006 & EP-287/2007

**LAMMA POWER STATION
UNITS L2, L4 & L5 FLUE GAS DESULPHURIZATION PLANTS RETROFIT**

**ENVIRONMENTAL MONITORING & AUDIT PROGRAMME
AT OPERATIONAL PHASE**

Report Title

Quarterly EM&A Report
(April to June 2024)

Date

27 September 2024

Certified by

(Mr. CHAN Hon Yeung, Environmental Team
Leader)

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EXECUTIVE SUMMARY

This is the quarterly Environmental Monitoring and Audit (EM&A) report for the Projects “Lamma Power Station Units L4 & L5 Flue Gas Desulphurization Plant Retrofit” and “Lamma Power Station Unit L2 Flue Gas Desulphurization Plant Retrofit” prepared by the Environmental Team (ET). This report presents the results of impact monitoring on air and water quality and environmental audit for the operation of the said projects in the period from April to June 2024.

Environmental monitoring for air quality and water quality were carried out for the purpose of this EM&A program as well as for fulfilling the requirements stipulated in the relevant licences. The results were checked against the established Action/Limit (AL) levels. The implementation status of the environmental mitigation measures, Event/Action Plan and environmental complaint handling procedures were also checked.

Plant Availability

Unit L2 and Unit L4 were retired in October 2022 and January 2024 respectively. Unit L5 was retired on 30/6/2024 and would be used for emergency generation if required.

Malfunction/Outage Records of Pollution Control Equipment

There were no major/minor outages of the Pollution Control Equipment during the reporting period.

Environmental Monitoring Works

Environmental monitoring works were performed during the operation of Units L2, L4 and L5 FGD Plants in the reporting period.

Air Quality

No exceedance of Action and Limit levels for air quality were recorded in the reporting period.

Water Quality

No exceedance of Action and Limit levels for water quality were recorded in the reporting period.

Environmental Licensing and Permitting

Description	Permit / Licence No.	Valid Period		Issued To	Date of Issuance
		From	To		
Environmental Permit for L4/5 FGD plants retrofit project	EP-248/2006	25/04/2006	-	HK Electric	25/04/2006
Environmental Permit for Unit L2 FGD plant retrofit project	EP-287/2007	02/10/2007	-	HK Electric	02/10/2007
Specified Process Licence issued under APCO	L-7-002(14)	01/01/2023	31/12/2024	HK Electric	30/12/2022
WPCO discharge licence for Ash Lagoon	WT00039618-2021	11/02/2022	31/12/2026	HK Electric	11/02/2022

Implementation Status of Environmental Mitigation Measures

Environmental mitigation measures were implemented in the reporting period.

Environmental Complaints / Feedback Cases

During the reporting period, there was one environmental feedback case regarding the operation of Lamma Power Station as summarized in Section 4.6. The reported issue was not specifically related to the project and was satisfactorily addressed.

Future key issues

Key issues to be considered in the coming months include:

Air Impact

- To continuously carry out the air quality monitoring for Units L2, L4 and L5 (if emergency generation is required).

Water Impact

- To continuously carry out the water quality monitoring for FGD WWT plant.

Concluding Remarks

The environmental performance of the projects was generally satisfactory.

1. INTRODUCTION

The Environmental Team (hereinafter called the “ET”) was formed within The Hongkong Electric Co. Ltd (HK Electric) to undertake Environmental Monitoring and Audit for the “Operation of Lamma Power Station Units L4 & L5 Flue Gas Desulphurization Plant Retrofit Project” under the requirements of Clause 2.18 of Environmental Permit (EP) No. EP-248/2006 and “Operation of Lamma Power Station Unit L2 Flue Gas Desulphurization Plant Retrofit Project” under the requirements of Clause 2.10 of Environmental Permit (EP) No. EP-287/2007.

This report summarizes the environmental monitoring and audit work for the said Projects for the period from April to June 2024.

1.1 Background

The Projects involves retrofitting the three existing coal-fired generating Units L2, L4 and L5 of Lamma Power Station with Flue Gas Desulphurisation (FGD) plants for reducing sulphur dioxide emissions in support of Government policy to improve the air quality of the Pearl River Delta.

The Projects include the installation and operation of FGD plants with flue gas desulphurization efficiency of 90% for the three coal-fired Units L2, L4 & L5 to reduce the overall SO₂ emissions from Lamma Power Station. The process adopted for the FGD plants is “Wet Limestone-Gypsum”, a technology which has already been used in, and proved effective and reliable for the existing coal-fired units L6, L7 & L8. The flue gas from the boiler is directed to the FGD absorber inside which removal of SO₂ is take place by reaction with limestone slurry. After passing through the absorber, the treated flue gas is heated up by a gas-gas heater to over 80°C at boiler rated capacity and directed back to the existing chimney for discharge to the atmosphere. [Figure 1.1a](#), [Figure 1.1b](#), [Figure 1.2a](#), [Figure 1.2b](#) and [Figure 1.3](#) show the location and schematic of the FGD plants.

Wastewater filtrated from the reacted limestone slurry, i.e. gypsum slurry, is produced and it is directed to the existing FGD wastewater treatment plant (WWTP). The FGD WWTP is designed to treat the effluent from FGD plants by alkalization, precipitation and neutralization processes. The schematic diagram of the FGD WWTP is illustrated in [Figure 1.4](#).

The additional equipment for the FGD Plants retrofit projects for Units L2, L4 and L5 includes:

- Three sets of FGD absorbers and associated ductworks
- Three sets of booster fans
- Three sets of gas-gas heaters
- Two FGD Switchgear and Equipment Buildings
- Gypsum dewatering system comprising two sets of hydrocyclones and belt filters

1.2 Project Organisation

The management structure to oversee the Projects includes the following:

- Environmental Protection Department (The Authority);
- General Manager (Corporate Development) (The official contact person between HK Electric and EPD);
- Environmental Team Leader (ET Leader);

- Environmental Team (ET).

The organization chart for the Operation EM&A programme is shown in [Figure 1.5](#).

1.3 Plant Availability during the Reporting Period

Unit L2 and Unit L4 were retired in October 2022 and January 2024 respectively. Unit L5 was retired on 30/6/2024 and would be used for emergency generation if required.

1.4 Malfunction/Outage Records of Pollution Control Equipment

There were no major/minor outages of the Pollution Control Equipment during the reporting period.

1.5 Summary of EM&A Requirements

Environmental Monitoring and Audit (EM&A) requirements have been discussed in the Environmental Impact Assessment (EIA) Report/ Project Profile for the Projects. The assessment results indicate that environmental monitoring works required for the EM&A programmes of these Projects are already in place or would be implemented under Lamma Power Station Extension Environmental Permit or environmental licenses for the operation of the existing Lamma Power Station. Such monitoring works are considered adequate for the Projects and no additional EM&A activities are required. Hence, environmental monitoring for air quality and water quality are carried out for the purpose of this EM&A program as well as for fulfilling the requirements stipulated in the relevant licences.

The EM&A monitoring work for air and water quality are described in [Section 2](#) and [Section 3](#) respectively.

The following environmental audits are summarized in [Section 4](#) of the report:

- Environmental monitoring results;
- The status of environmental licensing and permits for the Projects;
- The implementation status of environmental protection and pollution control / mitigation measures.

The future key issues for the Projects will be reported in [Section 5](#) of this report.

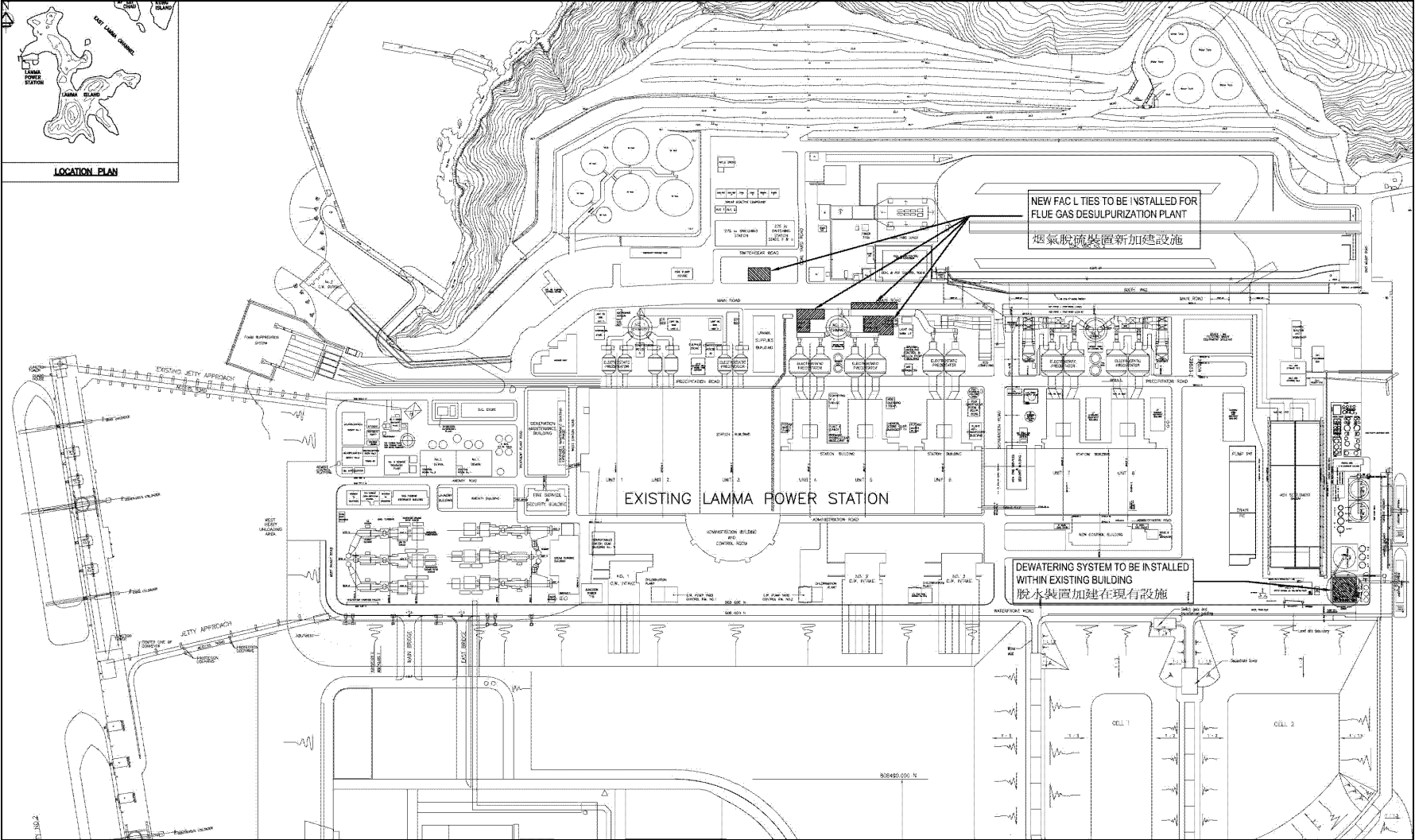


Figure 1.1a Location of New Facilities for L4 & L5 FGD Plants

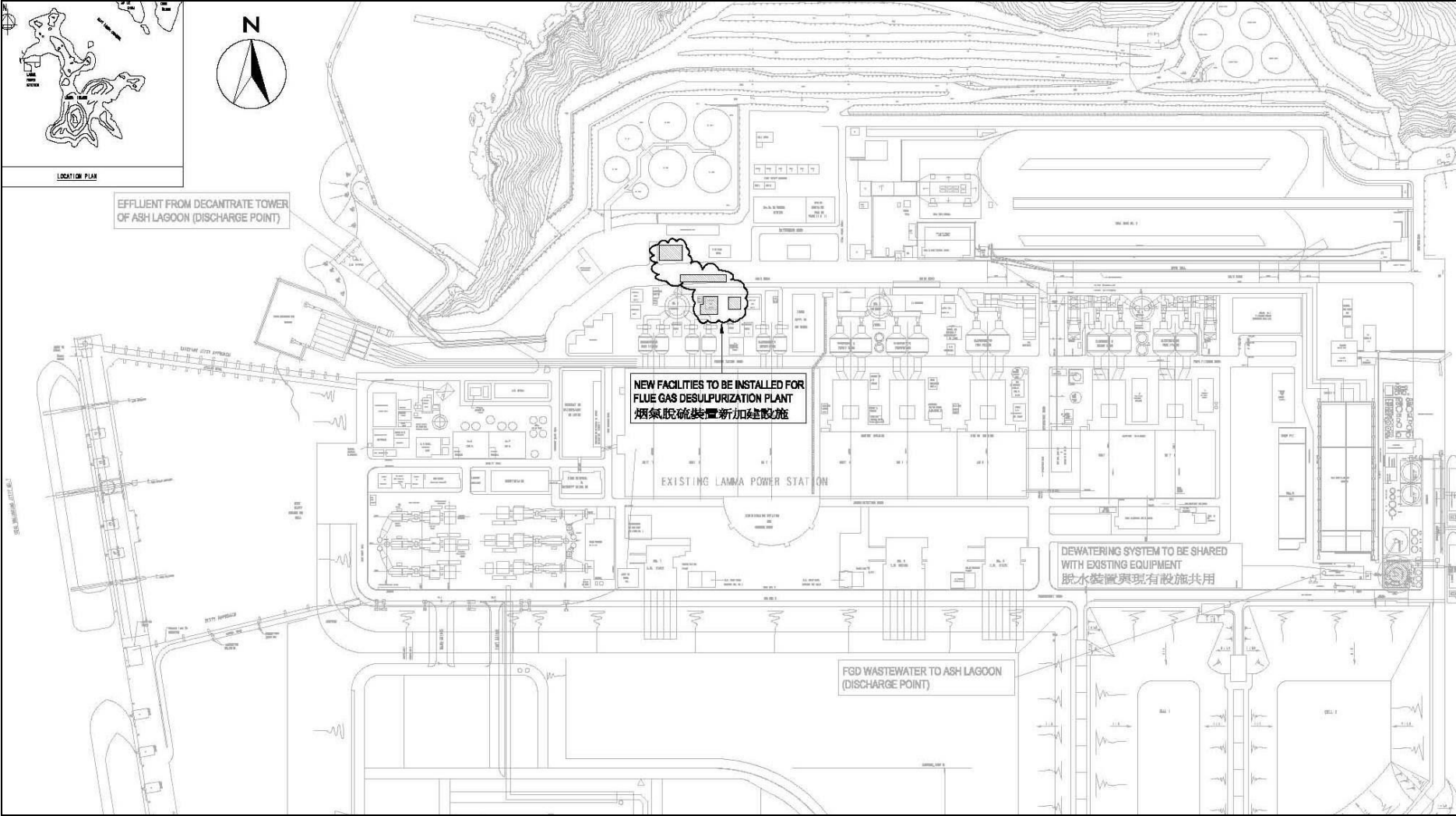


Figure 1.1b Location of New Facilities for L2 FGD Plant

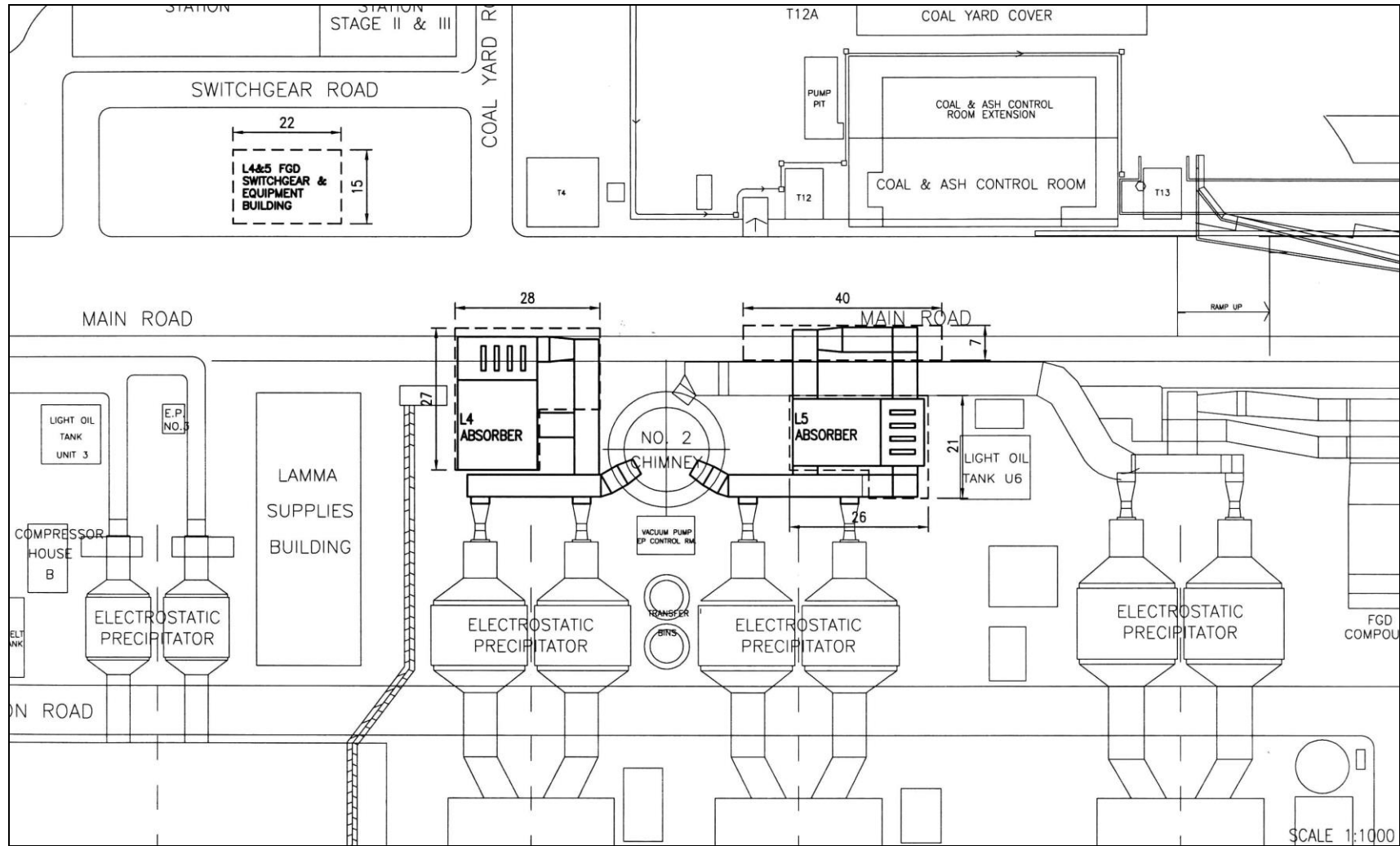


Figure 1.2a General Arrangement of L4 & L5 FGD Plants

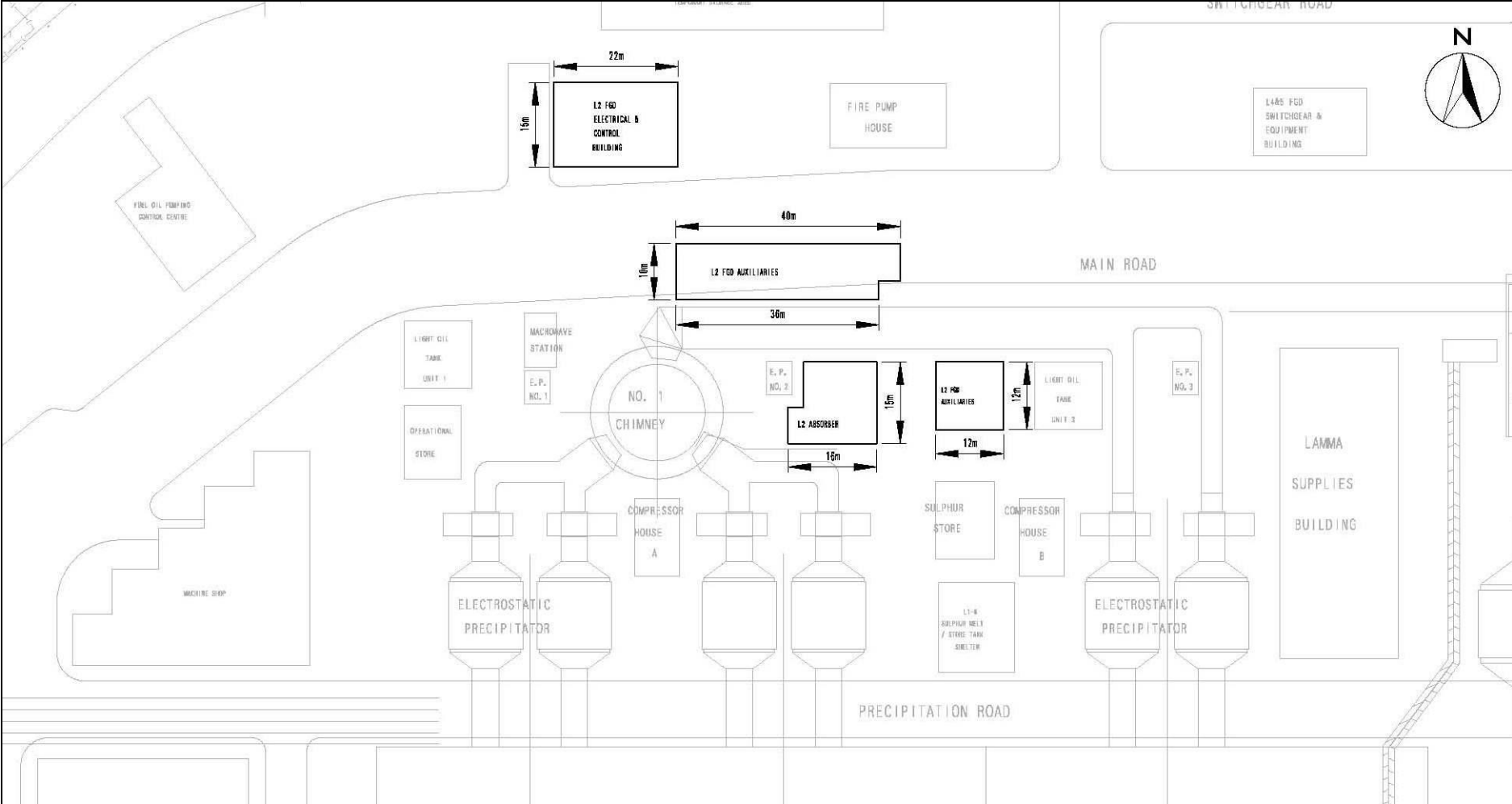


Figure 1.2b General Arrangement of L2 FGD Plant

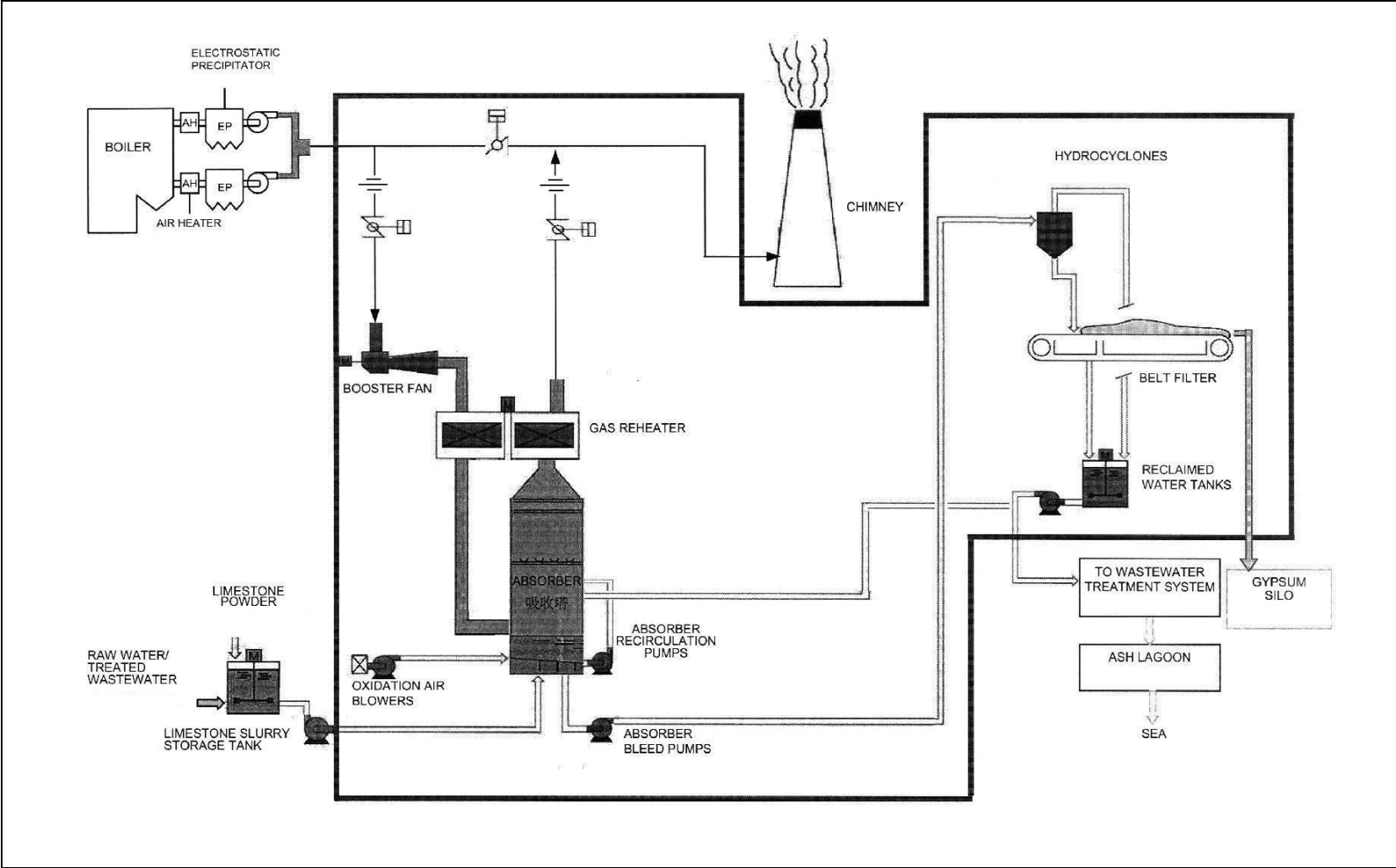


Figure 1.3 Schematic Diagram of the L2, L4 & L5 FGD Plant

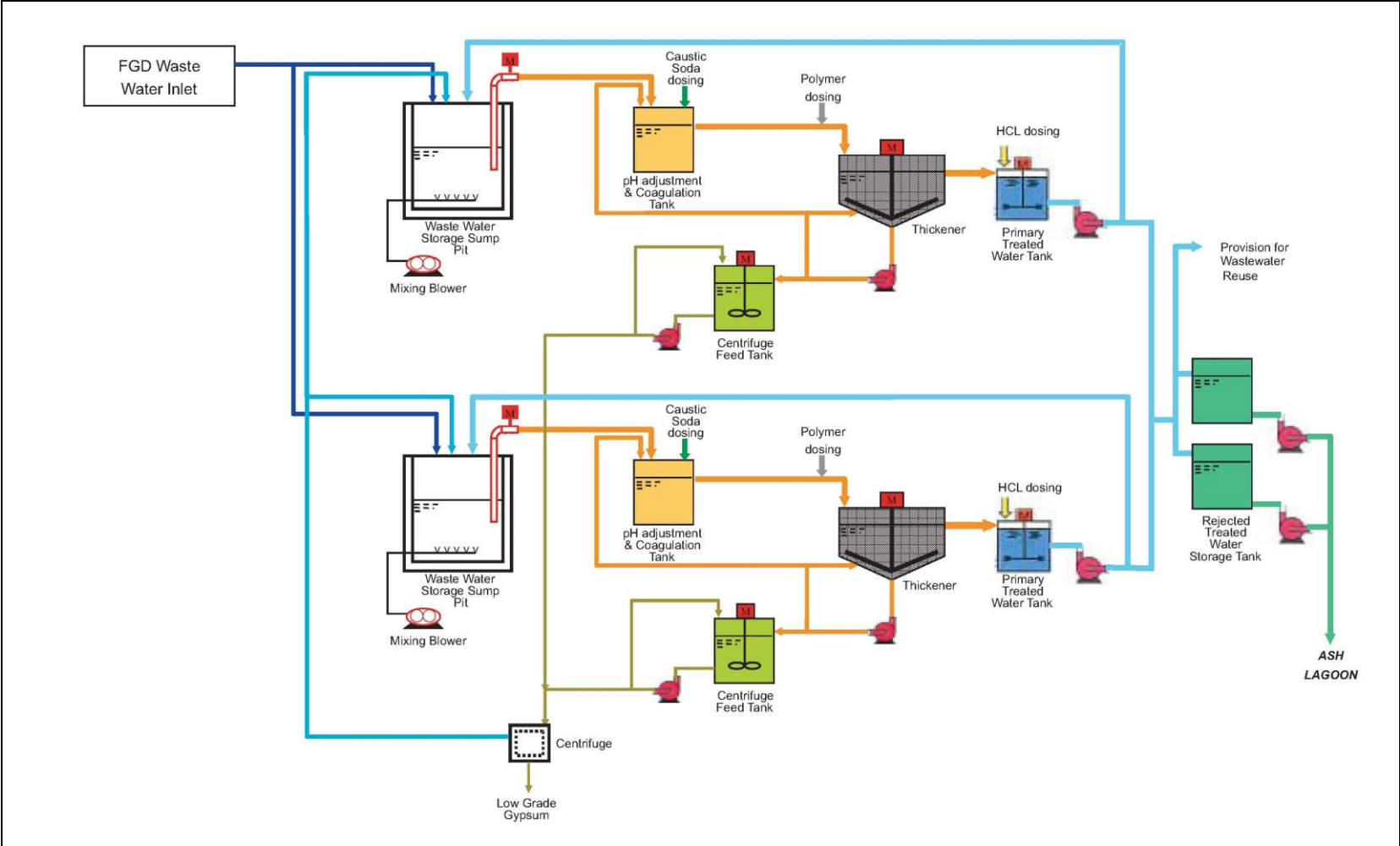


Figure 1.4 Simplified Schematic Diagram of FGD Wastewater Treatment Plant

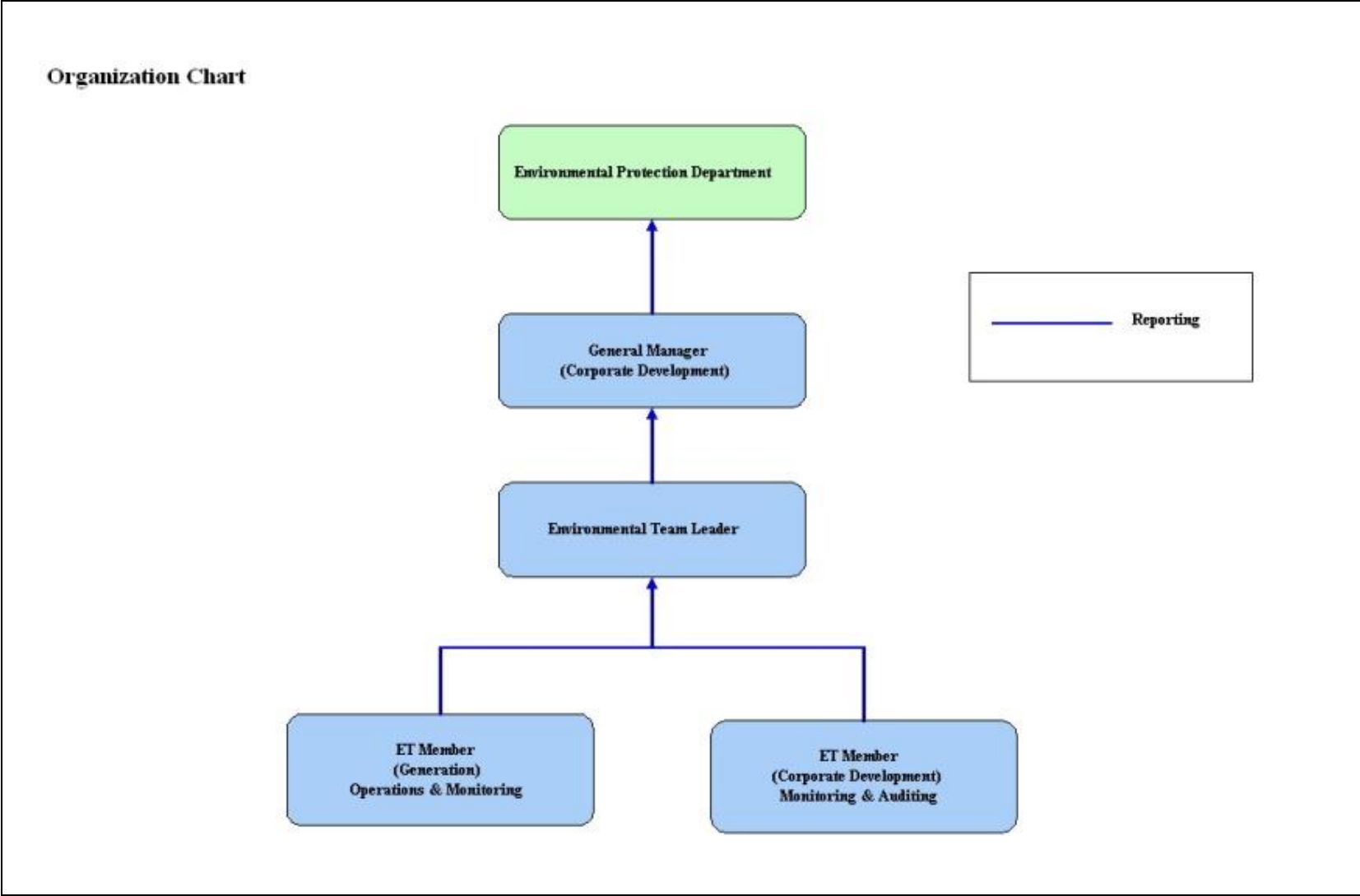


Figure 1.5 Organization Structure at Operational Phase of the Projects

2. AIR QUALITY

2.1 Monitoring Requirements

Since the Projects will bring a general air quality improvement, no additional EM&A activities are considered required, besides those already in place, such as those required by specified process licenses for the operation of the existing Lamma Power Station. Total Suspended Particulate (TSP) monitoring at East Gate and Reservoir area of Lamma Power Station is no longer required under the current SP Licence L-7-002(14). It is agreed with EPD that the results of continuous Respirable Suspended Particulate (RSP) monitoring at Lamma Power Station would be reported. In accordance with the requirements stipulated in the Specified Processes Licence issued under Air Pollution Control Ordinance, various operation parameters as stated in [Table 2.1](#) were monitored. Those parameters have to be checked against the Action/Limit Levels are shown in [Appendix A](#).

Table 2.1 Air Quality Monitoring Parameters and Frequency

Sources of Emission	Parameter	Frequency
Steam boilers L2, L4 & L5	Particulate	Once / year
	Particulate (Opacity)	Continuous
	SO ₂	Continuous
	NO _x expressed as NO ₂ (For L4 and L5 only)	Continuous
Fugitive Dust (Coal, PFA, Limestone, gypsum)	Respirable Suspended Particulate	Continuous
Chimney emissions	Ambient air	Continuous at existing ambient air monitoring stations
	SO ₂	
	NO ₂	

2.2 Summary of Results and Observations

Monitoring of various parameters as listed in [Table 2.1](#) above was conducted during the operation of Units L2, L4 and L5 in the reporting period. A summary of monitoring data is shown in [Appendix B](#).

No Action/Limit Level exceedance was recorded in the reporting period.

3. WATER QUALITY

3.1 Monitoring Requirements

According to the EIA Report/ Project Profile for the Projects, the current monitoring programme for the Lamma Power Station can cover the Projects and no additional EM&A measures are required besides those already in place. Hence, the EM&A work on water quality should strictly follow the relevant monitoring requirements stipulated in the discharge licence for Ash Lagoon issued under the Water Pollution Control Ordinance (WPCO).

Water quality monitoring was carried out for FGD Waste Water Treatment Plant (WWTP) in the reporting period. The parameters stated in [Table 3.1](#) were monitored and checked against the Action/Limit Levels as given in [Appendix A](#).

Table 3.1 Water Quality Monitoring Parameters and Frequencies

Item	Parameters	Frequencies
1	pH	Daily
2	Suspended Solids	Daily
3	Iron	Monthly
4	Barium	Monthly
5	Mercury	Monthly
6	Cadmium	Monthly
7	Cyanide	Monthly
8	Total Phosphorus	Monthly
9	Total Nitrogen	Monthly

3.2 Summary of Results and Observations

Monitoring of various parameters as listed in [Table 3.1](#) above was carried out during the discharge of the WWTP in the reporting period. A summary of the data is shown in [Appendix C](#).

The data recorded for the monitoring parameters were all below their corresponding Action/Limit Levels. No Action/Limit level exceedance was recorded in the reporting period. The effluent quality was generally satisfactory.

4. ENVIRONMENTAL AUDIT

4.1 Review of Environmental Monitoring Procedures

The environmental monitoring procedures were regularly reviewed by the Environmental Team. No modification to the existing monitoring procedures was recommended.

4.2 Assessment of Environmental Monitoring Results

Monitoring results for Air Quality and Water Quality

The environmental monitoring results for air quality and water quality are presented in [Sections 2 and 3](#) respectively are summarized in [Table 4.1](#).

Table 4.1 Summary of Action/Limit Level Exceedances on Monitoring Parameters

Item	Parameter Monitored	Monitoring Period	No. of Exceedances In		Event/Action Plan Implementation Status and Results
			Action Level	Limit Level	
Air					
1	Annual analysis of dust particulate emission rates at chimney stacks.	01/04/24-30/06/24	N.A.	0	No PM stack sampling tests were conducted in the reporting period.
2	Continuous monitoring of opacity, NOx, SO2 and CO2 in the flue gas at the chimney stacks	01/04/24-30/06/24	0	0	
3	Ambient SO2 & NOx monitoring at the Peak, Queen Mary Hospital, Victoria Road, Chung Hom Kok, Ap Lei Chau and Cheung Chau.	01/04/24-30/06/24	0	0	
Water					
1	pH in WWTP Effluent	01/04/24-30/06/24	0	0	
2	Suspended Solids in WWTP Effluent	01/04/24-30/06/24	0	0	

Item	Parameter Monitored	Monitoring Period	No. of Exceedances In		Event/Action Plan Implementation Status and Results
			Action Level	Limit Level	
3	Iron in WWTP Effluent	01/04/24-30/06/24	0	0	
4	Barium in WWTP Effluent	01/04/24-30/06/24	0	0	
5	Mercury in WWTP Effluent	01/04/24-30/06/24	0	0	
6	Cadmium in WWTP Effluent	01/04/24-30/06/24	0	0	
7	Cyanide in WWTP Effluent	01/04/24-30/06/24	0	0	
8	Total Phosphorus in WWTP Effluent	01/04/24-30/06/24	0	0	
9	Total Nitrogen in WWTP Effluent	01/04/24-30/06/24	0	0	

Waste Management Records

The quantity of FGD gypsum and sludge collected for reuse by contractor in the reporting period are shown in [Table 4.2](#).

Table 4.2 Amount of Gypsum and Sludge Collected for Reuse by Contractor

Period	Amount of Gypsum Collected	Amount of Sludge Collected
April 2024	2,702.79 MT	0 MT
May 2024	1,532.51 MT	73.25 MT
June 2024	1,350.32MT	0 MT

4.3 Status of Environmental Licensing and Permitting

All permits/licenses obtained as of June 2024 are summarised in [Table 4.3](#).

Table 4.3 Summary of Environmental Licensing and Permit Status

Description	Permit / Licence No.	Valid Period		Status
		From	To	
Environmental Permit for Units L4/5 FGD Plants Retrofit	EP-248/2006	25/04/2006	-	Valid
Environmental Permit for Unit L2 FGD Plant Retrofit	EP-287/2007	02/10/2007	-	Valid
Specified Process Licence issued under APCO	L-7-002(14)	01/01/2023	31/12/2024	Valid
WPCO discharge licence for Ash Lagoon	WT00039618-2021	11/02/2022	31/12/2026	Valid

4.4 Implementation Status of Environmental Mitigation Measures

Mitigation measures detailed in the EIA Report and EP are required to be implemented. A summary of the Environmental Mitigation Implementation Schedule (EMIS) is presented in [Appendix D](#).

4.5 Implementation Status of Event/Action Plan

A list of specific actions in the event of exceedances of the various threshold levels for specific emission and discharge sources is given in [Appendix A](#).

As no Action/Limit level exceedance was recorded, no action has been devised.

4.6 Implementation Status of Environmental Complaint Handling Procedures

During the reporting period, there was one environmental feedback case regarding the operation of Lamma Power Station as summarized in Table 4.4. The reported issue was not specifically related to the project and was satisfactorily addressed.

Table 4.4 Environmental Complaint(s) / Feedback Cases(s) Received

Case Reference / Date, Time Received / Date, Time Concerned	Descriptions / Actions Taken	Conclusion / Status
Reference: LFB20240401	The enquirer was concerned about “abnormal sound from the direction of Lamma Power Station”. After	Nothing abnormal was identified and there was no

Received: On 20/04/2024 (pm) Concerned: “In the morning”	investigation, nothing abnormal was identified. The enquirer was informed of the findings. There was no further enquiry.	further enquiry. Case closed.
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Table 4.5 Outstanding Environmental Complaint(s) / Feedback Case(s) Carried Over

Case Reference / Date, Time Received / Date, Time Concerned	Descriptions / Actions Taken	Conclusion / Status
-	-	-

5. FUTURE KEY ISSUES

5.1 Outage Plan for the coming 3 months

No major outage planned in the coming 3 months

5.2 Key issues for the coming 3 months

Key issues to be considered in the coming 3 months include:

Air Impact

- To continuously carry out the air quality monitoring for Units L2, L4 and L5 (if emergency generation is required).

Water Impact

- To continuously carry out the water quality monitoring for FGD Waste Water Treatment Plant.

6. CONCLUSION

Environmental monitoring was performed as required in the reporting period from January to June 2024. All monitoring results were checked and reviewed.

No Action/Limit level exceedance on air quality parameters were recorded in the reporting period.

No Action/Limit level exceedance on water quality parameters were recorded in the reporting period.

Environmental mitigation measures recommended in the EIA Report and EP were implemented in the reporting period.

During the reporting period, there was one environmental feedback case regarding the operation of Lamma Power Station as summarized in Section 4.6. The reported issue was not specifically related to the project and was satisfactorily addressed

No prosecution was received for the Projects in the reporting period.

The environmental performance of the Projects was generally satisfactory.

Appendix A Event/Action Plans in Response to Exceedance of AL Levels

A.1 Air

Source of Emissions	Parameters to be Monitored	Frequency	Concentration Not to Be Exceeded	Action	Limit	Proposed Action
Steam boilers L2, L4 and L5	Particulate	once/year	50 mg/Nm ³	-	50	ET Leader informs Generation Division at action level. Maintenance initiated. Temporary load shift until pollution control equipment repaired and reinstated. Report to EPD.
	Particulate (Opacity)	continuous	40% (bihourly)	35	40	
	SO ₂	continuous	200 mg/Nm ³ (1h)	190	200	
	NO _x expressed as NO ₂ (For L4 and L5 only)	continuous	615 mg/Nm ³ (1h)	585	615	
Chimney emissions	Ambient air SO ₂	Continuous at existing ambient air monitoring stations	800 (µg/m ³) (1h)	-	800	ET to review data on post-hoc basis and check for possible power station contribution.
	NO ₂		300 (µg/m ³) (1h)	-	300	

A.2 Water

Source of Discharges	Parameters to be Monitored	Frequency	Concentration Not to Be Exceeded	Action	Limit	Proposed Action
FGD Wastewater Treatment Plant	pH	Daily	6-9	-	6-9	If pH exceeds limit level, consideration to be given to adjust chemical dosing. ET Leader inform Generation Division and investigation be initiated to identify and remedy cause. For all other parameters except pH, Generation Division to be informed, frequency of monitoring to be increased, and investigations to be initiated to identify cause and remedy if concentration exceeds action level. If problem persists to exceed the limit level, ET Leader verbally informs EPD and ensures remedial actions implemented.
	Suspended Solids	Daily	30 mg/L	25	30	
	Iron	Monthly	4 mg/L	3.6	4	
	Barium	Monthly	1.5 mg/L	1.3	1.5	
	Mercury	Monthly	0.005 mg/L	0.0045	0.005	
	Cadmium	Monthly	0.005 mg/L	0.0045	0.005	
	Cyanide	Monthly	0.1 mg/L	0.09	0.1	
	Total Phosphorus	Monthly	8 mg/L	7.2	8	
	Total Nitrogen	Monthly	400 mg/L	360	400	

Appendix B

Air Quality Monitoring Results

B.1 Ambient Respirable Suspended Particulate Monitoring at Lamma Power Station

Date: Second Quarter of 2024 (April – June)

Date	RSP concentration ($\mu\text{g}/\text{m}^3$)	
	Reservoir	East Gate
01/10/2023	16	19
02/10/2023	18	15
03/10/2023	21	20
04/10/2023	27	29
05/10/2023	14	12
06/10/2023	15	13
07/10/2023	9	6
08/10/2023	11	8
09/10/2023	8	9
10/10/2023	8	6
11/10/2023	15	7
12/10/2023	16	9
13/10/2023	14	8
14/10/2023	17	9
15/10/2023	22	11
16/10/2023	28	10
17/10/2023	24	10
18/10/2023	26	22
19/10/2023	23	39
20/10/2023	18	30
21/10/2023	12	33
22/10/2023	14	43
23/10/2023	14	36
24/10/2023	10	30
25/10/2023	11	25
26/10/2023	13	18
27/10/2023	17	15
28/10/2023	20	18
29/10/2023	17	14
30/10/2023	23	19
31/10/2023	17	13

Date	RSP concentration ($\mu\text{g}/\text{m}^3$)	
	Reservoir	East Gate
01/11/2023	15	11
02/11/2023	18	11
03/11/2023	21	12
04/11/2023	18	9
05/11/2023	16	7
06/11/2023	22	8
07/11/2023	24	29
08/11/2023	18	44
09/11/2023	16	42
10/11/2023	12	33
11/11/2023	8	25
12/11/2023	6	22
13/11/2023	9	24
14/11/2023	15	37
15/11/2023	17	31
16/11/2023	27	52
17/11/2023	32	84
18/11/2023	35	71
19/11/2023	29	68
20/11/2023	30	60
21/11/2023	18	32
22/11/2023	16	29
23/11/2023	21	34
24/11/2023	31	61
25/11/2023	26	60
26/11/2023	21	42
27/11/2023	27	46
28/11/2023	28	50
29/11/2023	30	58
30/11/2023	26	48

Date	RSP concentration ($\mu\text{g}/\text{m}^3$)	
	Reservoir	East Gate
01/12/2023	27	45
02/12/2023	28	46
03/12/2023	26	43
04/12/2023	29	48
05/12/2023	36	59
06/12/2023	27	36
07/12/2023	14	26
08/12/2023	25	44
09/12/2023	23	46
10/12/2023	17	29
11/12/2023	8	16
12/12/2023	10	35
13/12/2023	8	27
14/12/2023	16	30
15/12/2023	12	20
16/12/2023	12	39
17/12/2023	14	22
18/12/2023	15	25
19/12/2023	23	39
20/12/2023	16	31
21/12/2023	19	36
22/12/2023	29	56
23/12/2023	24	49
24/12/2023	23	47
25/12/2023	20	37
26/12/2023	26	58
27/12/2023	21	41
28/12/2023	23	42
29/12/2023	18	35
30/12/2023	22	40
31/12/2023	36	66

B.2 Unit L2, L4 and L5 Stack Monitoring at Lamma Power Station

B.2.1 Monthly Summary of Stack NOx and SO2 for Unit L5

Date	Daily Maximum		
	SO2 concentration (mg/Nm3) #	NOx concentration (mg/Nm3) #	Opacity (%)
1/4/2024	14	217	12
2/4/2024	10	230	15
3/4/2024	8	207	12
4/4/2024	*	*	*
5/4/2024	8	256	12
6/4/2024	8	272	13
7/4/2024	8	266	11
8/4/2024	10	317	12
9/4/2024	7	328	14
10/4/2024	*	*	*
11/4/2024	9	282	12
12/4/2024	7	221	12
13/4/2024	7	269	12
14/4/2024	*	*	*
15/4/2024	6	274	13
16/4/2024	5	284	12
17/4/2024	3	217	13
18/4/2024	4	267	18
19/4/2024	5	204	13
20/4/2024	8	245	13
21/4/2024	11	280	12
22/4/2024	11	261	12
23/4/2024	17	246	13
24/4/2024	22	274	14
25/4/2024	16	271	14
26/4/2024	13	236	13
27/4/2024	15	281	21
28/4/2024	15	204	14
29/4/2024	19	316	13
30/4/2024	20	291	13

Date	Daily Maximum		
	SO2 concentration (mg/Nm3) [#]	NOx concentration (mg/Nm3) [#]	Opacity (%)
1/5/2024	20	280	16
2/5/2024	16	381	12
3/5/2024	18	338	13
4/5/2024	17	398	12
5/5/2024	21	336	12
6/5/2024	14	279	12
7/5/2024	14	203	12
8/5/2024	16	360	12
9/5/2024	10	200	12
10/5/2024	248	313	12
11/5/2024	*	*	*
12/5/2024	14	252	12
13/5/2024	0	337	13
14/5/2024	10	260	12
15/5/2024	16	252	12
16/5/2024	9	283	12
17/5/2024	*	*	*
18/5/2024	*	*	*
19/5/2024	*	*	*
20/5/2024	15	259	12
21/5/2024	14	340	12
22/5/2024	4	234	17
23/5/2024	4	329	12
24/5/2024	6	347	15
25/5/2024	8	316	12
26/5/2024	*	*	*
27/5/2024	*	*	*
28/5/2024	16	302	12
29/5/2024	13	286	12
30/5/2024	17	276	12
31/5/2024	33	255	12

Date	Daily Maximum		
	SO2 concentration (mg/Nm3) [#]	NOx concentration (mg/Nm3) [#]	Opacity (%)
1/6/2024	93	214	12
2/6/2024	*	*	*
3/6/2024	29	242	12
4/6/2024	29	420	11
5/6/2024	*	*	*
6/6/2024	*	*	*
7/6/2024	*	*	*
8/6/2024	*	*	*
9/6/2024	*	*	*
10/6/2024	*	*	*
11/6/2024	*	*	*
12/6/2024	*	*	*
13/6/2024	*	*	*
14/6/2024	*	*	*
15/6/2024	*	*	*
16/6/2024	*	*	*
17/6/2024	57	378	12
18/6/2024	43	277	15
19/6/2024	28	243	12
20/6/2024	51	291	12
21/6/2024	49	263	12
22/6/2024	*	*	*
23/6/2024	103	247	11
24/6/2024	43	260	12
25/6/2024	31	299	12
26/6/2024	33	241	11
27/6/2024	56	316	12
28/6/2024	84	307	12
29/6/2024	48	230	11
30/6/2024	*	*	*

Note: # - Hourly average value. Expressed as at 0°C, 101.325kPa, dry and corrected to 12% CO₂ condition.

* - Unit L5 was not on load

B.2.2 Monthly Summary of Stack NOx and SO2 for Unit L4

Date	Daily Maximum		
	SO2 concentration (mg/Nm3) #	NOx concentration (mg/Nm3) #	Opacity (%)
1/4/2024	*	*	*
2/4/2024	*	*	*
3/4/2024	*	*	*
4/4/2024	*	*	*
5/4/2024	*	*	*
6/4/2024	*	*	*
7/4/2024	*	*	*
8/4/2024	*	*	*
9/4/2024	*	*	*
10/4/2024	*	*	*
11/4/2024	*	*	*
12/4/2024	*	*	*
13/4/2024	*	*	*
14/4/2024	*	*	*
15/4/2024	*	*	*
16/4/2024	*	*	*
17/4/2024	*	*	*
18/4/2024	*	*	*
19/4/2024	*	*	*
20/4/2024	*	*	*
21/4/2024	*	*	*
22/4/2024	*	*	*
23/4/2024	*	*	*
24/4/2024	*	*	*
25/4/2024	*	*	*
26/4/2024	*	*	*
27/4/2024	*	*	*
28/4/2024	*	*	*
29/4/2024	*	*	*
30/4/2024	*	*	*

Date	Daily Maximum		
	SO2 concentration (mg/Nm3) [#]	NOx concentration (mg/Nm3) [#]	Opacity (%)
1/5/2024	*	*	*
2/5/2024	*	*	*
3/5/2024	*	*	*
4/5/2024	*	*	*
5/5/2024	*	*	*
6/5/2024	*	*	*
7/5/2024	*	*	*
8/5/2024	*	*	*
9/5/2024	*	*	*
10/5/2024	*	*	*
11/5/2024	*	*	*
12/5/2024	*	*	*
13/5/2024	*	*	*
14/5/2024	*	*	*
15/5/2024	*	*	*
16/5/2024	*	*	*
17/5/2024	*	*	*
18/5/2024	*	*	*
19/5/2024	*	*	*
20/5/2024	*	*	*
21/5/2024	*	*	*
22/5/2024	*	*	*
23/5/2024	*	*	*
24/5/2024	*	*	*
25/5/2024	*	*	*
26/5/2024	*	*	*
27/5/2024	*	*	*
28/5/2024	*	*	*
29/5/2024	*	*	*
30/5/2024	*	*	*
31/5/2024	*	*	*

Date	Daily Maximum		
	SO2 concentration (mg/Nm3) [#]	NOx concentration (mg/Nm3) [#]	Opacity (%)
1/6/2024	*	*	*
2/6/2024	*	*	*
3/6/2024	*	*	*
4/6/2024	*	*	*
5/6/2024	*	*	*
6/6/2024	*	*	*
7/6/2024	*	*	*
8/6/2024	*	*	*
9/6/2024	*	*	*
10/6/2024	*	*	*
11/6/2024	*	*	*
12/6/2024	*	*	*
13/6/2024	*	*	*
14/6/2024	*	*	*
15/6/2024	*	*	*
16/6/2024	*	*	*
17/6/2024	*	*	*
18/6/2024	*	*	*
19/6/2024	*	*	*
20/6/2024	*	*	*
21/6/2024	*	*	*
22/6/2024	*	*	*
23/6/2024	*	*	*
24/6/2024	*	*	*
25/6/2024	*	*	*
26/6/2024	*	*	*
27/6/2024	*	*	*
28/6/2024	*	*	*
29/6/2024	*	*	*
30/6/2024	*	*	*

Note: # - Hourly average value. Expressed as at 0°C, 101.325kPa, dry and corrected to 12% CO₂ condition.

* - Unit L4 was not on load.

B.2.3 Monthly Summary of Stack SO2 for Unit L2

Date	Daily Maximum	
	SO2 concentration (mg/Nm3) [#]	Opacity (%)
1/4/2024	*	*
2/4/2024	*	*
3/4/2024	*	*
4/4/2024	*	*
5/4/2024	*	*
6/4/2024	*	*
7/4/2024	*	*
8/4/2024	*	*
9/4/2024	*	*
10/4/2024	*	*
11/4/2024	*	*
12/4/2024	*	*
13/4/2024	*	*
14/4/2024	*	*
15/4/2024	*	*
16/4/2024	*	*
17/4/2024	*	*
18/4/2024	*	*
19/4/2024	*	*
20/4/2024	*	*
21/4/2024	*	*
22/4/2024	*	*
23/4/2024	*	*
25/4/2024	*	*
26/4/2024	*	*
27/4/2024	*	*
28/4/2024	*	*
29/4/2024	*	*
30/4/2024	*	*
1/4/2024	*	*

Date	Daily Maximum	
	SO2 concentration (mg/Nm3) [#]	Opacity (%)
1/5/2024	*	*
2/5/2024	*	*
3/5/2024	*	*
4/5/2024	*	*
5/5/2024	*	*
6/5/2024	*	*
7/5/2024	*	*
8/5/2024	*	*
9/5/2024	*	*
10/5/2024	*	*
11/5/2024	*	*
12/5/2024	*	*
13/5/2024	*	*
14/5/2024	*	*
15/5/2024	*	*
16/5/2024	*	*
17/5/2024	*	*
18/5/2024	*	*
19/5/2024	*	*
20/5/2024	*	*
21/5/2024	*	*
22/5/2024	*	*
23/5/2024	*	*
24/5/2024	*	*
25/5/2024	*	*
26/5/2024	*	*
27/5/2024	*	*
28/5/2024	*	*
29/5/2024	*	*
30/5/2024	*	*
31/5/2024	*	*

Date	Daily Maximum	
	SO2 concentration (mg/Nm3) [#]	Opacity (%)
1/6/2024	*	*
2/6/2024	*	*
3/6/2024	*	*
4/6/2024	*	*
5/6/2024	*	*
6/6/2024	*	*
7/6/2024	*	*
8/6/2024	*	*
9/6/2024	*	*
10/6/2024	*	*
11/6/2024	*	*
12/6/2024	*	*
13/6/2024	*	*
14/6/2024	*	*
15/6/2024	*	*
16/6/2024	*	*
18/6/2024	*	*
19/6/2024	*	*
20/6/2024	*	*
21/6/2024	*	*
22/6/2024	*	*
23/6/2024	*	*
24/6/2024	*	*
25/6/2024	*	*
26/6/2024	*	*
27/6/2024	*	*
28/6/2024	*	*
29/6/2024	*	*
30/6/2024	*	*
1/6/2024	*	*

Note: # - Hourly average value. Expressed as at 0°C, 101.325kPa, dry and corrected to 12% CO₂ condition.

* - Unit L2 was not on load.

B.2.4 Summary of Annual Stack Particulate Sampling

No stack particulate sampling was conducted for Unit L5 in the period April to June 2024. Unit L2 and Unit L4 were retired in October 2022 and January 2024 respectively.

B.3 Ambient SO₂ and NO₂ monitoring Data at Southern District and Cheung Chau

THE HONGKONG ELECTRIC COMPANY, LTD.
AIR QUALITY DATA MONTHLY TIME SERIES REPORT
MONTH: APRIL

STATION : VICTORIA PEAK
POLLUTANT : SULPHUR DIOXIDE

YEAR : 2024
UNIT : MICROGRAMS/CUBIC METER

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	1	3	3	2	2	0	1
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	2	2	1	1	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	1	3	2	2	1	2	0	0	0	0	0	0	0	0	0	0
13	0	0	1	1	0	0	0	1	2	2	2	1	2	1	3	0	0	0	0	0	0	0	0	0	1
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	1	1	2	2	1	1	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	M	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	5	7	7	2	1	1	1	0	0	1

MONTHLY STATISTICS:

GEOM	ARITH-----PERCENTILES-----										RANGE-----		STN GEOM	PERCENT	NO. OF TIMES	
MEAN	MEDIAN	MEAN	50	90	95	98	99	1-HR		24-HR		DEVIATION	VALID DATA	ABOVE	LIMIT LEVEL	
1	0	0	0	0	1	2	2	0	-	7	0	-	1	2	100	0

- NOTES: 1. FLAGS FOR INVALID DATA :
- D: DYNAMIC CALIBRATION
 - T: TELEMETRY/DATALOGGR FAULT
 - M: MAINTENANCE OR ANALYZER FAULT
 - P: POWER FAILURE

THE HONGKONG ELECTRIC COMPANY, LTD.
AIR QUALITY DATA MONTHLY TIME SERIES REPORT
MONTH: APRIL

STATION : VICTORIA PEAK
POLLUTANT : NITROGEN DIOXIDE

YEAR : 2024
UNIT : MICROGRAMS/CUBIC METER

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	4	1	7	4	0	1	2	2	2	4	3	2	1	2	4	4	7	8	2	1	5	4	4	3
2	5	1	1	5	2	2	7	7	12	4	4	4	3	2	3	4	5	6	6	3	2	2	1	3	4
3	5	1	0	1	1	1	1	3	2	6	5	3	2	2	3	2	3	2	2	2	2	1	3	1	2
4	0	1	2	2	1	1	3	2	2	3	2	2	0	2	1	1	2	10	6	4	11	12	8	3	3
5	2	0	1	0	0	1	2	1	1	3	2	2	2	1	2	4	3	3	2	1	1	0	0	1	1
6	1	0	1	1	0	1	1	1	2	3	2	2	4	5	11	4	2	4	1	2	1	3	2	1	2
7	1	1	2	1	0	1	1	2	1	3	2	1	2	2	2	6	11	18	13	7	3	4	2	3	4
8	1	1	0	2	0	0	2	5	10	6	3	2	7	10	6	8	9	22	37	39	35	31	30	22	12
9	24	23	21	10	9	10	11	25	32	30	15	10	13	12	15	11	12	11	5	4	5	4	4	2	13
10	1	M	2	2	2	2	4	4	5	11	10	10	5	13	13	10	10	8	5	3	10	2	2	4	6
11	3	1	1	2	1	1	4	6	15	14	16	17	25	15	16	19	19	26	27	28	34	6	2	0	12
12	1	1	2	0	1	0	1	8	17	43	39	29	23	18	21	17	14	24	25	20	4	1	1	0	13
13	0	18	43	30	0	0	1	22	27	27	21	15	15	11	21	9	10	10	8	8	7	7	6	3	13
14	2	0	0	1	1	1	2	4	3	2	4	3	4	4	3	5	8	11	8	10	5	3	5	2	4
15	2	1	1	0	0	0	3	3	3	2	3	5	9	11	13	16	9	14	10	8	3	11	16	8	6
16	6	9	5	1	0	1	3	3	3	2	1	1	0	1	3	2	3	4	9	4	3	4	4	5	3
17	2	1	0	1	0	1	2	5	5	1	3	1	3	3	5	5	6	7	5	4	5	5	3	14	4
18	3	5	0	0	2	1	2	4	3	6	5	5	2	2	2	16	23	16	9	6	6	3	2	2	5
19	7	3	3	1	0	2	5	3	3	5	2	1	2	2	2	9	4	9	2	1	0	7	5	3	3
20	1	3	2	5	1	2	4	4	5	6	1	2	2	2	3	3	4	5	5	5	7	8	3	1	4
21	0	0	0	1	0	0	1	2	2	2	3	1	2	1	2	7	3	2	3	2	1	9	9	1	2
22	0	0	0	4	14	2	20	16	13	18	20	26	24	9	11	10	10	3	6	7	5	8	2	10	10
23	1	2	1	6	0	0	1	2	12	5	7	3	5	3	6	7	16	13	7	9	3	3	5	3	5
24	1	M	0	0	0	2	5	10	10	32	34	37	44	32	22	18	13	17	15	12	1	1	5	1	14
25	1	0	1	0	0	1	0	1	3	4	3	2	6	5	5	4	3	1	3	2	11	5	2	2	3
26	2	1	0	0	0	1	1	3	3	11	7	8	4	3	0	2	2	10	4	10	12	2	10	2	4
27	7	14	7	8	9	4	12	12	13	9	6	4	2	1	2	2	5	4	1	3	3	2	2	5	6
28	5	10	6	2	1	4	1	0	1	2	1	M	1	1	1	1	1	2	0	0	0	0	1	1	2
29	1	0	0	0	0	1	1	3	3	2	1	1	2	2	1	8	6	1	2	2	4	2	1	0	2
30	0	1	0	0	1	1	1	1	1	1	1	3	2	7	7	13	12	12	2	2	3	3	0	1	3

MONTHLY STATISTICS:

GEOM	ARITH-----PERCENTILES-----										RANGE-----		STN GEOM	PERCENT	NO. OF TIMES	
MEAN	MEDIAN	MEAN	50	90	95	98	99	1-HR		24-HR		DEVIATION	VALID DATA	ABOVE LIMIT LEVEL		
4	3	6	3	14	22	30	35	0	-	44	1	-	14	3	100	0

- NOTES: 1. FLAGS FOR INVALID DATA :
- D: DYNAMIC CALIBRATION
 - T: TELEMETRY/DATALOGGR FAULT
 - M: MAINTENANCE OR ANALYZER FAULT
 - P: POWER FAILURE

THE HONGKONG ELECTRIC COMPANY, LTD.
AIR QUALITY DATA MONTHLY TIME SERIES REPORT

STATION : CHUNG HOM KOK ZONE SUBSTATION
POLLUTANT : SULPHUR DIOXIDE

MONTH: APRIL

YEAR : 2024

UNIT : MICROGRAMS/CUBIC METER

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	0	0	0	1	1	0	0	1	0	0	1	1	2	5	4	4	4	2	1	1	1	1	1
2	3	3	2	3	2	2	2	1	1	1	2	1	1	3	1	1	4	6	5	2	1	2	1	1	2
3	2	1	1	1	1	1	1	0	0	0	0	2	1	2	1	2	2	3	2	1	1	1	1	1	1
4	4	4	4	3	3	3	3	1	2	1	3	2	1	1	6	2	3	5	3	3	3	3	3	0	3
5	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	2	2	2	1	0	0	0	0	0
6	1	1	0	0	0	0	0	0	0	0	1	1	1	0	1	0	1	0	0	0	0	0	0	0	0
7	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	5	1	1	2	1	0	0	0	0	1
8	2	1	1	1	0	0	0	0	0	0	0	1	3	2	4	2	4	6	6	5	4	3	2	2	2
9	1	1	2	1	0	0	0	0	0	0	1	0	1	4	0	0	0	1	0	0	0	0	0	1	1
10	3	1	3	2	2	1	2	1	1	1	1	1	3	3	3	3	3	4	6	3	2	2	2	0	2
11	1	0	0	0	1	0	1	1	0	0	0	0	0	1	0	0	1	2	5	2	1	1	0	0	1
12	1	1	1	1	1	1	1	0	0	0	0	2	5	3	2	4	3	3	5	5	3	2	3	1	2
13	5	4	3	3	2	2	2	2	3	5	7	4	2	2	2	2	4	5	3	3	3	2	2	0	3
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	4	2	1	0	0	0	0	0
15	2	2	2	2	2	2	2	0	0	0	0	2	2	1	0	3	5	5	5	4	3	3	4	2	2
16	3	3	4	2	2	2	2	0	0	0	0	1	5	0	1	1	1	2	7	6	1	1	1	0	2
17	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	3	2	3	0	0	0	1	0
18	2	2	3	2	2	2	2	1	1	1	1	0	8	5	1	1	0	3	6	3	3	2	2	0	2
19	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	2	0	0	1	1	0	1	0	0	0
20	2	2	1	1	1	2	1	0	0	0	0	0	3	3	0	1	4	3	3	2	3	4	2	0	2
21	0	1	1	1	1	1	0	0	1	0	2	3	4	1	1	0	0	1	2	0	2	0	2	0	1
22	0	0	0	0	1	1	0	1	0	0	4	5	1	2	3	1	0	1	1	1	0	0	1	0	1
23	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0
24	2	1	2	0	1	1	3	0	2	2	1	0	1	2	1	5	2	3	2	2	1	1	1	0	2
25	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	3	0	2	4	1	1	0	0	0	1
26	2	2	1	1	1	1	1	2	1	2	3	3	1	0	0	2	2	3	1	2	3	2	2	0	2
27	0	1	1	1	1	1	2	1	0	1	0	0	1	0	1	2	1	0	0	0	0	0	0	0	1
28	2	2	1	1	2	3	3	3	0	0	0	3	3	0	0	3	1	2	2	M	M	M	M	M	2
29	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
30	M	M	M	M	M	M	M	M	M	M	M	1	1	2	1	1	3	5	2	2	1	2	6	11	

MONTHLY STATISTICS:

GEOM	ARITH-----PERCENTILES-----										RANGE-----		STN GEOM	PERCENT	NO. OF TIMES	
MEAN	MEDIAN	MEAN	50	90	95	98	99	1-HR		24-HR		DEVIATION	VALID DATA	ABOVE LIMIT LEVEL		
2	1	1	1	3	4	5	6	0	-	11	0	-	3	2	94	0

NOTES:

1. FLAGS FOR INVALID DATA :
 - D: DYNAMIC CALIBRATION
 - T: TELEMETRY/DATALOGGR FAULT
 - M: MAINTENANCE OR ANALYZER FAULT
 - P: POWER FAILURE

THE HONGKONG ELECTRIC COMPANY, LTD.
AIR QUALITY DATA MONTHLY TIME SERIES REPORT

STATION : CHUNG HOM KOK ZONE SUBSTATION
POLLUTANT : NITROGEN DIOXIDE

MONTH: APRIL

YEAR : 2024

UNIT : MICROGRAMS/CUBIC METER

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	9	14	10	8	18	20	10	11	6	7	2	2	1	3	4	20	9	20	10	11	5	9	4	7	9
2	9	7	10	13	12	19	19	9	10	9	4	2	6	4	4	9	9	15	19	13	5	1	3	7	9
3	21	17	7	8	11	11	25	11	4	7	8	6	6	1	15	3	8	5	6	8	8	6	8	9	9
4	7	30	26	20	13	6	10	3	11	4	10	2	3	1	3	2	3	6	8	5	11	14	13	36	10
5	12	4	3	9	2	5	6	11	4	4	4	6	7	9	4	7	4	6	4	9	6	7	5	5	6
6	3	2	4	5	5	6	7	7	12	14	11	12	14	11	18	7	7	7	7	6	9	7	7	12	8
7	7	5	9	18	15	4	4	4	6	9	4	5	4	2	5	11	15	12	15	12	10	7	8	8	8
8	6	6	8	6	5	4	5	12	12	9	7	2	0	0	5	5	7	11	85	83	76	79	74	67	24
9	60	54	53	35	25	28	30	38	37	34	13	14	7	6	8	9	9	9	6	6	5	7	7	5	21
10	5	M	5	6	5	8	6	9	9	9	9	9	7	8	8	7	9	7	4	7	7	8	12	10	8
11	6	3	4	5	4	4	6	7	9	8	7	7	5	6	6	7	7	8	8	5	4	6	6	6	6
12	4	4	3	5	5	7	3	6	8	6	5	22	43	29	16	22	17	17	29	27	25	27	15	18	15
13	47	17	13	16	21	10	6	23	27	32	50	37	25	17	17	15	24	15	6	9	17	18	14	11	20
14	13	17	14	13	6	11	13	17	9	9	7	5	13	10	7	11	13	21	13	21	13	14	20	16	13
15	11	19	14	13	7	10	8	11	7	9	8	12	9	7	2	12	12	19	22	15	21	18	26	17	13
16	23	18	44	18	15	19	20	11	14	4	3	8	5	0	8	9	19	15	28	22	10	10	10	16	15
17	20	14	7	7	8	12	17	9	13	3	4	8	5	7	3	6	10	11	16	26	25	19	18	29	12
18	23	21	25	10	11	12	22	28	22	19	5	9	3	7	14	15	22	77	57	35	28	13	12	13	21
19	13	8	7	5	2	9	8	7	5	3	5	4	2	5	5	6	9	6	5	8	4	8	11	6	6
20	5	8	6	3	4	8	15	6	6	3	4	4	5	4	3	14	8	17	11	11	4	7	7	5	7
21	3	1	0	2	3	6	7	9	14	11	9	2	10	13	13	6	8	5	5	8	10	12	39	13	9
22	7	9	16	6	19	14	14	23	21	19	69	53	10	11	10	13	10	7	9	9	16	16	17	38	18
23	52	17	13	11	6	4	5	11	13	7	14	21	8	21	16	19	14	13	18	17	10	11	23	16	15
24	15	M	4	8	7	13	62	31	73	63	37	26	25	33	22	30	33	15	7	9	10	12	23	14	25
25	9	8	11	7	8	10	9	7	12	12	17	12	6	6	17	11	12	12	17	12	18	16	12	9	11
26	6	4	4	6	12	12	14	8	7	16	23	8	12	13	6	8	19	17	16	15	17	20	12	20	12
27	11	21	20	21	19	22	34	22	18	16	5	5	1	4	5	9	14	19	13	13	14	12	10	12	14
28	12	12	12	9	16	3	1	2	2	3	8	3	4	2	5	3	2	2	5	M	M	M	M	M	6
29	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
30	M	M	M	M	M	M	M	M	M	M	M	8	10	5	12	5	3	12	12	14	9	15	8	16	

MONTHLY STATISTICS:

GEOM	ARITH-----PERCENTILES-----							-----RANGE-----				STN GEOM	PERCENT	NO. OF TIMES		
MEAN	MEDIAN	MEAN	50	90	95	98	99	1-HR		24-HR	DEVIATION	VALID DATA	ABOVE	LIMIT LEVEL		
9	9	13	9	22	32	53	70	0	-	85	6	-	25	2	94	0

NOTES:

1. FLAGS FOR INVALID DATA :
 - D: DYNAMIC CALIBRATION
 - T: TELEMETRY/DATALOGGR FAULT
 - M: MAINTENANCE OR ANALYZER FAULT
 - P: POWER FAILURE

THE HONGKONG ELECTRIC COMPANY, LTD.
AIR QUALITY DATA MONTHLY TIME SERIES REPORT

STATION : VICTORIA ROAD SUBSTATION
POLLUTANT : SULPHUR DIOXIDE

MONTH: APRIL

YEAR : 2024
UNIT : MICROGRAMS/CUBIC METER

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	10	10	10	10	10	10	10	10	10	10	11	11	11	11	11	11	11	11	10	11	11	10	10	10	10
2	10	10	10	10	10	10	10	10	10	10	10	10	11	10	10	11	11	10	10	10	10	10	10	11	10
3	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	11	10
4	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	10	10	10	10	12	10
5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
6	9	9	10	10	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	10	10	10
7	9	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
8	10	10	10	10	11	11	11	11	11	11	11	10	10	11	11	11	11	11	11	11	11	12	11	11	11
9	11	11	11	11	11	11	10	10	11	11	11	11	10	10	10	10	10	10	10	10	9	10	10	10	10
10	10	10	10	10	10	10	10	10	10	10	10	10	11	10	10	10	10	10	10	10	10	10	10	10	10
11	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	9	10	10	10	9	9	10
12	9	9	10	10	10	10	10	10	12	11	12	11	11	11	11	10	11	11	10	10	10	10	10	10	10
13	10	10	10	10	10	10	10	11	11	11	11	10	10	10	11	10	10	10	10	10	10	10	10	10	10
14	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
15	10	10	10	10	10	10	10	10	10	10	10	11	10	10	10	10	10	10	11	11	10	11	11	10	10
16	10	10	10	10	10	10	10	10	10	10	10	10	10	10	11	10	11	10	10	10	11	11	10	10	10
17	10	10	10	10	10	10	10	10	10	10	11	10	10	11	10	10	11	10	11	10	11	10	10	11	10
18	10	10	11	10	10	10	10	11	11	11	11	10	10	10	10	10	11	11	10	10	10	10	10	11	10
19	10	10	11	10	10	10	11	11	11	10	11	10	10	10	11	11	11	11	10	10	10	10	10	10	10
20	10	10	11	10	10	10	10	11	11	11	11	11	11	10	10	11	11	10	10	10	10	10	10	10	10
21	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
22	10	10	10	10	10	10	10	11	11	11	12	11	11	11	11	11	11	10	11	10	10	10	10	10	11
23	10	10	10	10	10	10	10	10	10	10	11	10	10	10	10	10	11	10	11	10	10	10	10	10	10
24	10	10	10	10	10	10	10	10	11	11	11	12	12	12	11	11	11	11	10	10	10	10	11	10	11
25	10	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
26	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	11	11	11	10	11	10
27	10	11	11	11	11	11	11	10	10	11	11	11	11	11	11	11	11	11	11	10	11	11	10	11	11
28	11	11	11	10	10	11	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
29	10	10	10	10	10	9	10	10	10	10	10	10	11	11	10	11	10	10	10	10	10	10	10	10	10
30	10	10	10	10	11	11	11	10	10	10	10	10	11	11	12	13	13	12	11	11	11	11	10	10	11

MONTHLY STATISTICS:

GEOM	ARITH-----PERCENTILES-----							RANGE-----				STN GEOM	PERCENT	NO. OF TIMES		
MEAN	MEDIAN	MEAN	50	90	95	98	99	1-HR		24-HR		DEVIATION	VALID DATA	ABOVE LIMIT LEVEL		
10	10	10	10	11	11	11	12	9	-	13	10	-	11	1	100	0

NOTES: 1. FLAGS FOR INVALID DATA :
D: DYNAMIC CALIBRATION
T: TELEMETRY/DATALOGGR FAULT
M: MAINTENANCE OR ANALYZER FAULT
P: POWER FAILURE

THE HONGKONG ELECTRIC COMPANY, LTD.
AIR QUALITY DATA MONTHLY TIME SERIES REPORT

STATION : VICTORIA ROAD SUBSTATION
POLLUTANT : NITROGEN DIOXIDE

MONTH: APRIL

YEAR : 2024
UNIT : MICROGRAMS/CUBIC METER

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	6	4	6	6	9	8	10	9	9	8	8	9	6	12	17	12	15	15	11	8	10	13	11	9
2	12	6	5	8	5	7	11	15	20	17	11	10	10	7	8	12	16	11	11	11	9	8	8	9	10
3	12	5	4	5	8	7	11	14	12	12	13	12	9	9	8	8	10	7	7	9	10	7	9	7	9
4	6	6	6	9	8	6	10	10	7	6	8	7	6	6	6	5	6	7	8	10	14	9	8	8	8
5	6	4	4	3	2	3	3	5	11	12	11	11	8	10	13	10	11	8	7	5	4	4	4	3	7
6	3	2	3	3	3	4	5	6	10	12	13	14	11	13	15	16	11	8	7	6	6	6	5	5	8
7	5	5	9	7	4	4	5	5	8	7	7	7	6	5	6	9	9	12	10	6	6	5	6	8	7
8	10	17	13	18	20	21	20	22	23	20	12	8	7	10	11	18	17	26	22	19	18	17	17	14	17
9	14	13	14	13	11	11	10	15	18	17	19	16	13	15	15	15	13	10	8	6	6	5	5	5	12
10	5	M	4	4	4	4	8	8	12	14	13	17	12	13	19	18	18	14	12	10	11	9	8	6	11
11	6	4	4	4	4	4	7	11	15	19	22	16	9	9	7	9	9	10	18	11	11	16	15	14	11
12	12	9	13	15	11	9	14	19	26	23	35	22	19	18	17	13	18	20	17	12	11	7	6	6	16
13	9	8	8	9	3	3	9	19	19	16	16	12	12	12	12	8	12	14	9	10	10	10	7	6	11
14	5	4	3	3	3	5	6	6	5	7	7	6	5	7	7	8	9	8	14	15	11	8	7	8	7
15	7	6	7	6	5	6	7	12	12	9	8	8	6	9	5	8	14	13	10	9	6	8	11	8	8
16	7	4	5	7	5	7	11	12	7	6	4	5	6	6	8	6	5	5	9	9	10	7	10	15	7
17	10	8	6	6	5	6	10	13	11	9	9	5	4	7	8	10	7	9	9	9	9	7	9	12	8
18	9	12	6	4	5	8	11	16	12	9	9	10	8	9	10	18	33	26	20	26	11	8	6	8	12
19	11	11	8	5	3	6	10	13	16	17	17	14	13	10	13	17	20	21	13	9	9	11	12	11	12
20	7	10	11	15	7	6	10	14	17	13	10	10	9	11	8	8	12	9	11	12	10	8	5	5	10
21	4	2	1	2	2	3	4	5	6	10	9	5	7	4	5	5	7	8	6	6	11	16	12	6	6
22	5	3	2	9	6	4	12	20	19	23	26	29	29	21	19	16	18	16	14	14	12	12	14	16	15
23	12	5	3	4	5	5	9	17	17	12	20	13	12	9	12	12	16	13	11	11	11	8	9	10	11
24	7	M	3	3	4	5	12	14	17	20	20	27	28	32	21	24	18	19	17	15	13	13	7	7	15
25	5	4	4	3	3	5	6	12	18	20	16	10	10	10	12	11	8	6	6	5	8	9	7	5	8
26	5	3	3	3	3	5	9	9	8	12	13	12	10	9	6	6	7	13	9	11	12	8	7	7	8
27	8	9	7	8	10	11	10	8	9	8	7	8	8	11	10	12	15	14	13	9	7	5	6	12	9
28	12	12	11	5	5	6	4	3	3	5	5	6	6	7	5	4	4	4	4	5	5	3	3	3	5
29	3	2	2	2	2	2	5	9	15	16	14	16	15	13	10	15	11	11	11	12	11	10	8	8	9
30	6	5	4	3	5	6	8	11	10	7	7	7	5	7	11	12	10	9	10	8	8	7	4	5	7

MONTHLY STATISTICS:

GEOM	ARITH-----PERCENTILES-----										RANGE-----		STN GEOM	PERCENT	NO. OF TIMES	
MEAN	MEDIAN	MEAN	50	90	95	98	99	1-HR		24-HR		DEVIATION	VALID DATA	ABOVE LIMIT LEVEL		
9	9	10	9	17	19	23	26	1	-	35	5	-	17	2	100	0

NOTES:

1. FLAGS FOR INVALID DATA :
 D: DYNAMIC CALIBRATION
 T: TELEMETRY/DATALOGGR FAULT
 M: MAINTENANCE OR ANALYZER FAULT
 P: POWER FAILURE

THE HONGKONG ELECTRIC COMPANY, LTD.
AIR QUALITY DATA MONTHLY TIME SERIES REPORT
MONTH: APRIL

STATION : POK FU LAM
POLLUTANT : SULPHUR DIOXIDE

YEAR : 2024
UNIT : MICROGRAMS/CUBIC METER

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	4	4	2	3	3	3	2	4	5	5	6	5	6	6	5	5	5	4	4	5	5	11	5
2	5	4	4	4	3	3	4	4	3	4	4	4	4	3	4	5	4	4	3	2	3	3	2	6	4
3	5	4	3	3	4	2	3	3	2	3	3	4	3	3	3	3	3	3	2	2	3	3	3	9	3
4	4	3	4	2	3	3	2	3	3	2	3	2	4	3	4	3	3	3	3	3	3	4	2	11	3
5	4	3	4	3	3	3	3	3	3	2	3	4	3	4	4	4	4	3	3	4	4	2	2	9	4
6	3	3	2	3	2	3	2	3	2	2	2	3	3	2	2	2	2	3	2	3	2	3	2	3	2
7	3	2	2	3	3	2	2	3	3	2	2	3	2	3	3	3	3	4	4	4	4	3	2	3	3
8	4	4	3	5	6	7	6	6	6	5	4	4	5	4	5	4	4	7	8	5	6	5	5	4	5
9	5	3	4	3	4	3	3	4	5	6	4	3	3	3	2	2	2	2	2	2	2	3	2	3	3
10	3	2	2	3	3	2	3	2	3	3	3	4	5	6	5	4	4	4	4	3	2	2	3	3	3
11	3	3	2	3	2	2	3	2	3	2	4	3	4	5	4	4	4	3	4	4	2	2	3	2	3
12	2	3	2	3	3	3	4	5	8	9	12	6	6	6	3	5	5	4	4	3	2	2	3	2	4
13	3	3	3	4	4	3	3	3	5	4	6	4	4	4	3	4	4	3	2	2	2	3	3	2	3
14	3	3	2	2	3	2	2	3	2	3	3	3	2	3	2	3	3	2	3	3	3	3	2	2	3
15	1	2	3	2	3	2	1	2	2	3	2	2	3	3	3	2	4	3	3	4	4	4	3	3	3
16	3	4	4	3	3	2	3	3	2	2	3	4	3	3	3	3	4	3	3	2	2	2	3	3	3
17	3	2	2	3	2	2	3	3	2	2	3	3	2	2	3	3	3	3	3	2	2	2	2	3	3
18	2	3	3	3	2	2	4	3	3	4	3	3	3	3	3	2	4	4	2	2	2	2	3	3	3
19	3	3	3	3	3	3	2	3	3	2	3	2	3	4	3	3	3	2	3	3	2	2	3	3	3
20	3	2	3	4	2	2	3	3	3	2	3	3	3	3	3	2	3	4	3	3	2	3	3	3	3
21	2	1	3	3	2	3	2	2	3	2	2	3	2	2	2	3	2	2	3	2	2	3	3	2	2
22	3	1	4	4	4	3	5	3	4	4	4	4	5	4	3	3	2	3	3	2	3	3	2	2	3
23	3	3	2	3	3	3	2	2	2	3	2	1	2	3	3	2	3	3	3	2	2	3	3	2	3
24	2	3	3	2	2	2	3	2	2	2	3	6	5	6	3	3	3	3	3	3	3	3	2	3	3
25	2	3	3	2	2	3	2	2	1	2	2	3	3	3	2	3	4	2	2	2	3	2	2	2	2
26	2	2	3	3	2	3	3	2	2	3	3	2	3	2	2	3	3	3	3	2	2	2	3	2	3
27	2	3	3	3	3	2	2	3	3	2	2	3	2	3	2	3	2	3	2	3	3	2	2	3	3
28	2	2	2	2	3	2	2	4	2	3	2	2	3	2	1	3	3	3	2	2	2	2	3	2	2
29	2	1	2	2	3	3	2	2	2	2	3	2	3	2	3	2	3	2	3	3	2	2	3	2	2
30	2	2	3	2	3	3	2	2	3	3	2	3	2	3	3	5	3	3	4	3	2	3	5	2	3

MONTHLY STATISTICS:

GEOM	ARITH-----PERCENTILES-----										RANGE-----		STN GEOM	PERCENT	NO. OF TIMES	
MEAN	MEDIAN	MEAN	50	90	95	98	99	1-HR		24-HR		DEVIATION	VALID DATA	ABOVE	LIMIT	LEVEL
3	3	3	3	4	5	6	8	1	-	12	2	-	5	1	100	0

- NOTES: 1. FLAGS FOR INVALID DATA :
- D: DYNAMIC CALIBRATION
 - T: TELEMETRY/DATALOGGR FAULT
 - M: MAINTENANCE OR ANALYZER FAULT
 - P: POWER FAILURE

THE HONGKONG ELECTRIC COMPANY, LTD.
AIR QUALITY DATA MONTHLY TIME SERIES REPORT

STATION : POK FU LAM
POLLUTANT : NITROGEN DIOXIDE

MONTH: APRIL

YEAR : 2024
UNIT : MICROGRAMS/CUBIC METER

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	19	18	20	21	20	21	22	22	22	22	20	20	19	23	27	21	21	25	21	20	22	27	24	21
2	23	18	18	22	20	22	28	33	34	32	27	25	24	23	24	23	29	24	25	23	21	21	20	21	24
3	25	19	18	20	23	20	23	26	28	29	29	26	21	18	18	17	19	17	17	18	19	17	19	17	21
4	16	17	18	19	20	19	23	22	21	19	20	20	21	21	20	17	16	18	18	21	25	22	18	21	20
5	20	17	18	18	18	18	20	21	23	22	22	22	20	21	21	22	22	19	18	17	17	18	18	19	20
6	19	21	21	23	23	24	24	25	25	28	25	28	27	26	28	27	25	26	25	27	25	27	24	23	25
7	25	23	28	24	21	20	19	20	25	25	22	22	21	20	19	24	28	29	25	17	17	18	17	33	23
8	37	46	37	49	49	50	47	47	48	45	30	25	27	26	33	43	39	52	40	35	36	33	32	27	39
9	28	26	29	27	28	29	31	39	41	41	41	32	31	33	32	32	36	35	36	34	31	31	29	28	33
10	27	26	24	25	25	22	26	35	35	31	28	21	24	25	26	28	28	26	31	28	34	25	25	24	27
11	21	19	19	22	23	23	27	35	52	59	76	57	42	48	34	35	35	37	56	49	40	44	44	44	39
12	39	40	38	40	40	50	57	53	66	69	82	56	49	34	40	36	39	37	38	41	32	24	22	25	44
13	26	24	26	32	25	24	23	36	50	38	50	38	34	46	26	28	30	33	24	22	23	23	20	16	30
14	17	M	16	18	18	19	21	24	22	22	24	24	22	22	19	20	20	18	24	25	21	17	16	18	20
15	18	18	21	20	20	20	20	24	25	28	26	16	27	28	19	21	26	34	26	22	18	17	22	20	22
16	21	14	17	19	16	19	20	22	21	21	18	28	29	28	24	18	18	16	20	15	16	13	14	13	19
17	15	12	11	11	12	12	14	18	16	12	10	9	10	11	10	11	11	15	16	14	13	12	13	22	13
18	15	17	13	12	13	14	19	23	16	18	20	20	21	26	37	39	61	48	42	40	24	22	20	22	25
19	23	23	21	18	16	19	20	18	20	20	18	14	17	15	21	22	21	24	18	15	16	18	19	16	19
20	15	19	19	24	16	17	19	23	18	17	16	14	12	16	15	15	19	17	17	17	21	29	23	19	18
21	16	17	16	16	18	17	20	18	19	20	19	23	34	27	31	33	30	27	34	25	30	38	31	28	24
22	25	24	32	38	27	32	40	40	34	27	35	41	40	28	32	30	28	23	24	25	26	21	24	27	30
23	25	21	21	22	18	17	17	20	24	23	26	25	33	32	37	35	42	33	26	24	27	26	28	33	26
24	26	21	20	21	21	26	33	34	38	35	34	39	37	36	35	38	41	43	42	45	31	22	21	18	32
25	16	16	18	15	15	18	18	19	22	23	19	15	17	23	28	28	23	17	17	15	19	16	11	11	18
26	12	12	12	12	13	13	13	14	15	20	30	26	27	25	19	20	19	20	21	18	19	19	16	17	18
27	18	15	15	19	19	19	17	17	19	17	14	16	13	16	14	17	15	17	14	12	11	10	13	15	16
28	16	M	16	12	12	13	13	19	21	21	19	23	27	27	19	20	22	23	22	22	19	17	18	15	19
29	15	14	15	14	14	14	15	17	17	13	15	15	16	12	15	22	18	17	15	15	16	15	12	10	15
30	11	10	10	11	11	11	13	16	15	14	14	12	16	17	18	16	18	18	16	14	13	11	20	24	15

MONTHLY STATISTICS:

GEOM	ARITH-----PERCENTILES-----								-----RANGE-----				STN GEOM	PERCENT	NO. OF TIMES	
MEAN	MEDIAN	MEAN	50	90	95	98	99	1-HR	24-HR	DEVIATION	VALID DATA	ABOVE	LIMIT	LEVEL		
22	21	24	21	37	42	50	57	9	-	82	13	-	44	1	100	0

- NOTES: 1. FLAGS FOR INVALID DATA :
- D: DYNAMIC CALIBRATION
 - T: TELEMETRY/DATALOGGR FAULT
 - M: MAINTENANCE OR ANALYZER FAULT
 - P: POWER FAILURE

THE HONGKONG ELECTRIC COMPANY, LTD.
AIR QUALITY DATA MONTHLY TIME SERIES REPORT

STATION : AP LEI CHAU
POLLUTANT : SULPHUR DIOXIDE

MONTH: APRIL

YEAR : 2024
UNIT : MICROGRAMS/CUBIC METER

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	4	4	4	4	4	4	6	5	6	6	8	7	6	6	6	5	4	5	6	7	5
2	5	4	4	4	4	4	4	7	6	5	5	4	4	4	4	6	5	4	5	3	3	3	3	5	4
3	4	3	4	5	4	4	4	4	5	5	4	4	4	4	3	3	4	3	3	4	4	3	3	3	4
4	4	4	5	5	4	3	4	4	4	3	3	3	3	3	4	3	3	3	3	4	4	4	3	4	4
5	3	3	3	3	3	3	3	3	3	3	3	3	4	4	5	5	4	3	3	3	3	3	3	2	3
6	2	2	2	2	2	2	2	2	3	3	3	3	2	2	3	2	2	2	2	2	2	2	2	3	2
7	3	3	3	3	3	3	2	2	3	3	3	3	3	3	4	5	4	4	3	4	3	3	3	3	3
8	3	2	2	2	2	2	2	3	3	3	4	5	5	5	6	5	6	6	6	6	5	5	5	5	4
9	4	5	4	4	4	4	3	4	6	5	7	4	3	2	2	2	2	2	2	2	2	2	2	3	3
10	3	2	2	3	2	3	3	3	3	3	4	4	5	5	4	3	3	3	3	2	3	3	3	2	3
11	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2	2	3	3	3	2	2	2	2	3	2
12	2	2	3	2	3	6	3	4	4	5	5	6	8	5	4	4	4	4	4	4	4	3	3	4	4
13	4	5	4	4	3	3	4	6	4	7	6	7	6	5	3	4	4	3	3	3	3	3	3	3	4
14	3	3	3	3	3	3	3	3	4	3	3	3	4	4	4	4	5	4	6	6	4	4	5	5	4
15	3	4	5	3	3	3	3	3	4	5	4	3	3	3	3	4	5	3	4	4	4	5	5	6	4
16	5	5	4	4	4	4	5	3	3	3	3	3	4	5	5	4	3	3	4	3	3	3	4	6	4
17	5	4	4	3	3	3	4	4	4	3	4	3	4	3	3	4	3	3	4	4	4	3	4	4	4
18	3	4	3	3	4	4	5	5	5	5	4	3	3	2	2	3	4	5	3	4	3	3	3	3	4
19	5	4	3	3	3	3	3	4	3	3	3	3	4	4	4	4	4	4	3	3	4	4	3	3	4
20	3	4	4	4	3	2	2	6	5	4	4	3	4	3	4	3	4	3	4	4	3	2	2	3	3
21	2	2	2	2	3	3	3	3	3	3	2	3	3	3	3	3	3	3	2	3	3	3	3	3	3
22	2	3	3	4	4	3	3	4	4	7	10	6	5	3	2	3	3	3	3	3	4	4	4	3	4
23	3	3	3	3	3	3	2	3	3	2	3	3	3	3	2	3	4	3	3	3	3	3	3	3	3
24	3	3	3	3	4	5	3	4	6	9	8	8	6	5	4	3	4	3	3	3	3	3	3	3	4
25	2	2	3	2	3	3	2	2	3	3	3	3	3	4	4	3	3	3	4	4	3	3	3	3	3
26	3	3	3	3	3	3	4	3	3	3	3	3	3	3	3	4	3	3	3	3	3	3	3	3	3
27	3	3	3	4	3	4	4	4	4	4	5	4	4	4	4	4	4	4	4	3	3	3	3	4	4
28	4	5	5	3	4	3	2	2	2	3	3	2	2	2	3	2	2	2	2	2	2	2	2	2	3
29	2	2	2	2	2	2	3	3	3	3	3	M	4	4	4	7	4	3	3	4	4	3	4	3	3
30	3	3	3	3	4	3	3	4	4	3	3	3	3	3	4	4	3	4	4	4	4	4	3	3	3

MONTHLY STATISTICS:

ARITH-----PERCENTILES-----RANGE-----													STN GEOM	PERCENT	NO. OF TIMES	
MEAN	MEDIAN	MEAN	50	90	95	98	99	1-HR		24-HR		DEVIATION	VALID DATA	ABOVE LIMIT LEVEL		
3	3	3	3	5	6	6	7	2	-	10	2	-	5	1	100	0

- NOTES: 1. FLAGS FOR INVALID DATA :
- D: DYNAMIC CALIBRATION
 - T: TELEMETRY/DATALOGGR FAULT
 - M: MAINTENANCE OR ANALYZER FAULT
 - P: POWER FAILURE

THE HONGKONG ELECTRIC COMPANY, LTD.
AIR QUALITY DATA MONTHLY TIME SERIES REPORT

STATION : AP LEI CHAU
POLLUTANT : NITROGEN DIOXIDE

MONTH: APRIL

YEAR : 2024
UNIT : MICROGRAMS/CUBIC METER

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	8	10	12	17	22	16	8	10	6	8	9	12	11	17	23	20	22	24	8	7	14	19	31	14
2	13	M	11	13	12	18	17	40	22	13	17	13	13	8	10	18	11	16	30	13	8	8	8	34	16
3	18	9	11	21	18	20	18	15	13	16	12	15	12	10	6	8	10	7	7	15	17	12	13	10	13
4	14	21	28	27	18	13	15	11	6	6	7	7	5	8	7	4	6	8	12	19	17	27	15	21	13
5	12	9	8	6	3	6	5	5	4	4	4	4	3	3	4	6	5	5	3	6	5	6	5	6	5
6	5	4	6	7	6	7	7	6	8	11	8	7	11	9	12	7	8	8	8	8	7	6	5	6	7
7	10	10	16	18	9	5	9	8	6	6	5	5	6	6	8	22	18	14	9	4	7	11	9	12	10
8	10	9	9	9	7	13	20	22	18	7	9	11	19	17	32	29	39	67	57	52	50	49	47	40	27
9	37	40	39	36	31	36	30	42	51	48	44	13	15	16	19	16	23	15	11	10	9	10	9	8	25
10	9	7	6	8	8	10	11	12	10	11	11	12	12	11	13	11	8	6	7	7	14	11	8	7	10
11	8	6	6	6	6	6	10	14	16	16	14	7	7	6	7	7	8	9	10	15	12	11	15	9	10
12	6	9	14	20	31	72	19	34	27	34	26	30	45	32	19	19	29	37	34	38	33	30	19	21	28
13	24	34	26	33	14	13	20	40	22	31	27	39	27	17	14	18	20	12	19	19	15	14	9	10	22
14	8	7	8	7	6	12	10	10	7	7	9	8	10	13	11	16	23	19	40	37	16	16	32	25	15
15	14	24	30	15	17	8	11	6	10	18	21	13	17	9	10	22	34	22	23	23	17	22	42	40	20
16	24	M	23	17	21	15	25	11	11	15	12	15	18	24	24	14	17	14	20	17	17	17	28	43	19
17	30	18	16	7	7	14	14	15	9	6	9	7	11	10	10	17	14	12	14	30	14	20	27	17	15
18	14	21	13	13	15	22	31	25	18	17	10	10	13	14	16	29	45	64	32	49	18	11	8	12	22
19	31	16	11	8	4	12	8	8	9	9	7	2	14	10	12	11	14	21	9	5	15	28	17	11	12
20	10	18	19	21	7	13	11	30	21	10	10	10	14	8	9	9	16	8	23	15	11	16	14	7	14
21	5	4	4	4	5	7	8	8	10	12	5	8	20	11	15	10	13	10	12	12	17	31	24	20	11
22	13	12	14	28	27	12	33	47	38	63	73	54	32	22	26	26	13	8	13	15	28	24	40	28	29
23	21	17	11	9	8	6	4	8	13	16	24	6	25	20	22	20	18	12	15	17	14	24	19	13	15
24	11	10	9	18	25	51	23	45	61	73	72	56	40	26	21	20	24	19	14	16	14	9	18	10	29
25	8	7	7	5	5	9	6	5	9	15	10	10	8	19	23	20	13	14	19	26	13	12	7	9	12
26	5	5	5	8	7	15	16	10	10	18	27	14	24	16	12	9	11	13	6	8	7	6	10	13	11
27	11	10	10	12	14	20	20	11	14	10	15	10	10	8	11	16	19	15	19	13	10	8	12	25	13
28	18	25	21	11	12	11	5	5	7	8	11	9	9	5	6	6	5	6	6	6	5	5	5	6	9
29	4	4	3	4	4	4	6	7	6	4	5	M	13	7	13	32	12	5	15	19	19	10	8	14	9
30	10	M	10	5	11	7	9	12	10	5	6	4	8	9	15	12	15	15	18	16	12	11	8	18	11

MONTHLY STATISTICS:

GEOM	ARITH-----PERCENTILES-----										RANGE-----		STN GEOM	PERCENT	NO. OF TIMES	
MEAN	MEDIAN	MEAN	50	90	95	98	99	1-HR		24-HR		DEVIATION	VALID DATA	ABOVE	LIMIT	LEVEL
13	12	16	12	30	39	50	60	2	-	73	5	-	29	2	99	0

NOTES:

1. FLAGS FOR INVALID DATA :
 - D: DYNAMIC CALIBRATION
 - T: TELEMETRY/DATALOGGR FAULT
 - M: MAINTENANCE OR ANALYZER FAULT
 - P: POWER FAILURE

THE HONGKONG ELECTRIC COMPANY, LTD.
AIR QUALITY DATA MONTHLY TIME SERIES REPORT
MONTH: APRIL

STATION : CHEUNG CHAU
POLLUTANT : SULPHUR DIOXIDE

YEAR : 2024
UNIT : MICROGRAMS/CUBIC METER

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	2	1	2	2	1	1	1	2	2	2	2	2	1	1	2	1	1	1	2	2	1	M	2
2	2	2	2	1	2	2	2	2	1	2	2	1	1	2	2	5	3	3	3	2	2	3	2	6	2
3	3	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	2	1	1	2	M	2
4	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	4	4	5	5	M	3
5	6	6	5	5	5	5	5	5	5	5	4	5	5	5	5	5	5	4	5	5	5	5	3	M	5
6	1	1	1	1	1	0	1	1	0	1	1	1	1	M	M	M	M	M	M	M	M	M	M	M	
7	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	
8	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	
9	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	2	2	5	4	4	4	4	M	
10	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	1	0	0	0	1	0	M	3
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	M	0
12	0	0	0	0	0	0	0	0	0	0	M	M	0	0	1	1	1	2	1	1	2	2	1	M	1
13	2	2	2	1	1	2	2	3	3	2	2	2	1	1	1	2	1	1	1	1	1	1	1	M	2
14	2	2	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	M	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	M	1
16	2	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	M	1
17	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	M	3
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	M	1
19	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	M	1
20	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	M	1
21	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	M	1
22	1	1	1	1	1	1	1	1	1	4	3	1	1	1	1	2	1	1	1	1	1	1	1	M	1
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	M	1
24	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	M	1
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	M	1
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	M	1
27	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	M	1
28	4	2	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	M	1
29	9	9	9	9	8	8	9	8	8	8	8	9	9	9	9	9	9	9	8	9	9	9	9	M	9
30	10	9	9	9	9	9	9	10	9	9	9	9	9	10	10	11	10	10	10	10	10	10	10	M	10

MONTHLY STATISTICS:

ARITH-----PERCENTILES-----													RANGE-----		STN GEOM	PERCENT	NO. OF TIMES
GEOM	MEAN	MEDIAN	MEAN	50	90	95	98	99	1-HR	24-HR	DEVIATION	VALID DATA	ABOVE	LIMIT	LEVEL		
	2	1	2	1	5	9	10	10	0	-	55	0	-	10	2	86	0

NOTES:

1. FLAGS FOR INVALID DATA :
 - D: DYNAMIC CALIBRATION
 - T: TELEMETRY/DATALOGGR FAULT
 - M: MAINTENANCE OR ANALYZER FAULT
 - P: POWER FAILURE

THE HONGKONG ELECTRIC COMPANY, LTD.
AIR QUALITY DATA MONTHLY TIME SERIES REPORT

STATION : CHEUNG CHAU
POLLUTANT : NITROGEN DIOXIDE

MONTH: APRIL

YEAR : 2024
UNIT : MICROGRAMS/CUBIC METER

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	6	4	4	5	15	10	5	7	11	4	3	0	3	0	0	0	0	0	0	0	0	0	0	1	3	
2	5	1	2	5	12	6	0	2	0	3	0	1	1	0	0	0	0	0	0	1	0	3	0	4	2	
3	3	1	2	0	4	5	5	4	3	1	1	0	0	0	0	0	0	0	0	0	1	3	0	2	1	
4	1	2	2	1	1	4	0	0	1	2	0	0	0	1	0	0	0	0	0	0	4	8	8	23	2	
5	6	3	0	0	1	0	1	0	0	2	1	1	1	0	0	4	5	1	4	5	2	1	0	1	2	
6	0	0	0	0	0	0	0	0	2	13	22	18	6	3	14	7	1	1	2	1	5	8	2	6	5	
7	14	7	2	7	7	8	1	1	1	6	4	5	7	5	1	10	11	17	14	3	1	4	0	27	7	
8	34	18	28	22	10	2	26	20	48	19	7	1	4	1	8	13	14	55	51	47	43	43	42	37	25	
9	31	24	18	15	16	18	19	24	31	29	34	34	10	21	25	M	0	0	2	0	0	0	0	M	16	
10	0	M	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
11	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	4	0
12	0	0	28	9	0	14	2	18	27	3	M	M	0	0	0	0	0	2	8	9	21	19	31	21	10	
13	14	4	11	1	19	26	29	48	22	8	0	0	1	0	0	1	0	0	1	0	0	2	9	18	9	
14	29	21	23	10	13	10	7	12	7	1	1	1	0	0	0	0	0	0	7	7	12	11	17	13	8	
15	19	0	5	5	5	4	1	6	6	3	0	0	0	0	0	0	0	0	1	2	2	2	13	18	4	
16	23	8	4	9	11	8	5	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	3	
17	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	
18	0	0	0	0	3	4	2	7	0	0	1	0	5	1	6	10	27	8	18	40	24	14	11	5	8	
19	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	
20	1	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	5	4	13	13	2		
21	4	0	0	0	0	0	0	0	0	0	2	1	0	1	0	0	0	0	9	18	0	1	4	2		
22	15	14	22	7	14	25	30	13	35	47	50	31	30	35	36	37	32	19	17	10	44	40	5	6	26	
23	2	25	23	44	49	38	27	36	24	25	10	6	0	1	1	4	5	17	32	23	10	36	8	5	19	
24	3	M	5	16	29	30	33	33	49	56	38	6	29	20	26	22	34	14	14	23	4	4	12	5	22	
25	6	13	18	10	13	7	9	2	1	0	1	0	0	1	2	2	4	6	18	3	0	24	31	14	8	
26	1	0	0	9	21	4	0	0	0	10	5	0	2	3	0	0	1	4	4	4	6	9	16	16	5	
27	16	15	9	9	11	16	8	4	2	1	0	1	0	0	0	0	0	0	3	8	2	8	3	2	5	
28	2	0	0	0	1	2	1	0	4	0	0	2	2	0	0	0	0	0	0	1	0	0	0	0	1	
29	0	0	0	0	0	0	0	2	2	4	5	3	0	0	0	0	0	0	0	0	0	1	0	0	1	
30	0	0	0	0	1	2	1	3	1	1	0	0	0	0	0	0	0	0	3	3	7	13	0	9	2	

MONTHLY STATISTICS:

GEOM	ARITH-----PERCENTILES-----								RANGE-----				STN GEOM	PERCENT	NO. OF TIMES	
MEAN	MEDIAN	MEAN	50	90	95	98	99	1-HR		24-HR		DEVIATION	VALID DATA	ABOVE	LIMIT LEVEL	
6	1	6	1	22	31	41	48	0	-	56	0	-	26	3	99	0

NOTES:

1. FLAGS FOR INVALID DATA :
 - D: DYNAMIC CALIBRATION
 - T: TELEMETRY/DATALOGGR FAULT
 - M: MAINTENANCE OR ANALYZER FAULT
 - P: POWER FAILURE

THE HONGKONG ELECTRIC COMPANY, LTD.
AIR QUALITY DATA MONTHLY TIME SERIES REPORT
MONTH: MAY

STATION : VICTORIA PEAK
POLLUTANT : SULPHUR DIOXIDE

YEAR : 2024
UNIT : MICROGRAMS/CUBIC METER

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	2	2	2	1	4	1	1	1	1	1
7	0	0	0	0	0	0	0	1	2	3	4	3	4	4	1	1	1	0	0	0	0	0	0	0	1
8	0	0	1	0	0	1	0	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	0	1	1	1	1	1	2	3	3	2	3	3	2	2	2	2	2	2	1	1	2	2
13	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2	M	M	M	M	M	M	M	M	M
14	M	M	M	M	M	M	M	M	M	M	M	M	1	1	2	2	2	1	1	1	1	2	2	1	
15	1	1	1	1	1	1	1	2	2	2	2	2	3	3	3	3	3	2	2	1	1	2	2	1	2
16	2	1	2	2	3	3	2	2	2	3	3	3	3	3	2	2	2	2	1	1	1	1	1	1	2
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	0	1	1	1	1	2	2	2	1	1	1	1	1	2	2	2	2	2	1
19	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1
20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1
22	1	1	1	1	1	1	1	2	2	2	4	3	2	2	2	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1
25	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	2	1	3	3	3	4	3	2	2	2	1	1	1	1	2
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	2	1	2	2	2	2	2	1	2	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	2	2	1	1	1	1	1	0	1	1
30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
31	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

MONTHLY STATISTICS:

GEOM	ARITH-----PERCENTILES-----							-----RANGE-----				STN GEOM	PERCENT	NO. OF TIMES			
MEAN	MEDIAN	MEAN	50	90	95	98	99	1-HR		24-HR		DEVIATION	VALID DATA	ABOVE LIMIT LEVEL			
1	1	1	1	1	2	2	3	3	0	-	4	0	-	2	1	97	0

NOTES: 1. FLAGS FOR INVALID DATA :
D: DYNAMIC CALIBRATION
T: TELEMETRY/DATALOGGR FAULT
M: MAINTENANCE OR ANALYZER FAULT
P: POWER FAILURE

THE HONGKONG ELECTRIC COMPANY, LTD.
AIR QUALITY DATA MONTHLY TIME SERIES REPORT
MONTH: MAY

STATION : VICTORIA PEAK
POLLUTANT : NITROGEN DIOXIDE

YEAR : 2024
UNIT : MICROGRAMS/CUBIC METER

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	0	13	2	0	6	6	4	18	13	11	13	5	11	7	7	19	43	43	20	15	26	16	12	13
2	6	4	0	1	0	0	0	2	5	5	7	8	10	6	10	6	5	3	2	0	0	0	0	0	3
3	0	0	0	0	0	1	1	1	2	2	2	4	1	2	4	4	4	3	2	1	0	1	2	1	2
4	1	0	0	0	0	0	1	1	3	3	1	1	1	0	2	4	9	5	1	2	4	2	1	6	2
5	1	0	0	0	0	6	7	4	2	3	5	5	9	9	10	5	9	11	14	20	12	2	0	1	6
6	0	1	3	9	9	26	23	5	7	5	6	2	3	1	5	9	7	17	15	29	3	1	11	10	9
7	2	7	4	1	1	4	2	14	25	35	50	34	39	30	21	17	17	12	1	1	1	1	2	1	13
8	2	0	1	1	0	1	1	5	8	11	14	19	13	14	13	11	8	7	9	8	3	4	3	1	7
9	1	0	0	1	0	0	2	3	4	7	5	6	5	4	2	11	10	5	9	4	1	1	0	1	3
10	2	1	1	1	1	1	1	2	6	5	3	3	7	4	3	5	3	2	2	1	0	1	0	0	2
11	0	0	0	0	0	0	1	2	3	7	9	9	3	1	2	3	5	2	8	8	0	6	12	2	3
12	0	0	0	1	0	0	1	2	5	10	9	10	9	11	9	10	16	15	26	25	10	1	9	22	8
13	15	27	23	29	23	17	14	18	21	24	21	24	26	17	9	6	M	M	M	M	M	M	M	M	M
14	M	M	M	M	M	M	M	M	M	M	M	M	4	4	1	2	1	2	2	3	4	3	5	2	
15	1	0	0	0	2	0	3	5	5	4	4	5	3	6	8	9	12	15	20	7	8	8	3	4	6
16	1	1	1	1	0	1	3	4	6	6	8	5	4	3	3	4	5	6	2	2	2	1	1	2	3
17	1	0	0	0	1	0	2	2	7	6	11	10	11	7	11	18	21	11	3	4	13	9	8	2	7
18	8	4	1	1	0	0	1	5	5	9	9	12	10	4	4	13	3	2	6	3	0	9	4	3	5
19	2	2	1	2	1	2	3	2	1	0	1	0	0	0	1	0	0	1	0	0	2	0	0	1	1
20	0	0	0	1	0	0	1	2	2	5	4	6	2	4	2	4	3	6	4	1	2	2	1	0	2
21	0	1	0	0	0	0	1	1	1	2	3	1	1	2	4	10	7	6	19	11	10	22	48	37	8
22	13	M	8	12	22	29	24	28	21	23	35	34	26	18	21	11	15	28	21	23	18	6	2	1	19
23	2	0	0	0	1	0	0	3	6	6	6	5	7	3	7	9	7	12	7	8	14	8	21	2	6
24	3	1	0	1	0	1	1	6	5	5	9	5	4	2	3	4	5	5	27	8	3	0	0	0	4
25	1	1	0	0	0	0	1	2	1	1	4	10	14	11	7	7	3	2	0	0	0	0	1	2	3
26	2	0	0	0	0	0	0	1	2	7	12	7	10	8	9	7	8	7	12	9	8	5	1	1	5
27	2	1	1	1	1	3	1	1	2	1	1	2	4	5	5	3	3	2	5	3	0	0	3	5	2
28	3	0	0	1	3	7	6	20	7	20	27	13	16	9	3	2	6	8	3	2	0	0	0	1	7
29	0	0	0	0	0	0	1	2	4	4	6	5	3	3	4	4	3	6	6	3	1	1	2	1	2
30	0	0	0	0	0	0	0	1	3	3	5	4	4	8	6	5	8	4	3	0	0	4	0	1	2
31	1	1	0	0	0	0	0	0	1	1	1	1	1	2	2	8	2	6	3	1	0	1	0	0	1

MONTHLY STATISTICS:

GEOM	ARITH-----PERCENTILES-----										RANGE-----		STN GEOM	PERCENT	NO. OF TIMES	
MEAN	MEDIAN	MEAN	50	90	95	98	99	1-HR		24-HR		DEVIATION	VALID DATA	ABOVE	LIMIT LEVEL	
4	3	6	3	14	22	28	35	0	-	50	1	-	19	3	97	0

- NOTES: 1. FLAGS FOR INVALID DATA :
- D: DYNAMIC CALIBRATION
 - T: TELEMETRY/DATALOGGR FAULT
 - M: MAINTENANCE OR ANALYZER FAULT
 - P: POWER FAILURE

THE HONGKONG ELECTRIC COMPANY, LTD.
AIR QUALITY DATA MONTHLY TIME SERIES REPORT

STATION : CHUNG HOM KOK ZONE SUBSTATION
POLLUTANT : SULPHUR DIOXIDE

MONTH: MAY

YEAR : 2024

UNIT : MICROGRAMS/CUBIC METER

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	2	3	3	3	3	3	3	3	3	2	0	0	1	2	0	0	3	3	1	1	1	1	0	2
2	1	1	0	0	1	0	0	0	0	0	0	1	1	0	0	1	1	0	1	0	1	0	1	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
5	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
6	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
7	M	M	M	M	M	M	M	M	M	M	M	7	2	1	0	2	3	3	2	1	1	0	0	0	0
8	2	2	2	2	2	1	1	0	0	0	3	1	2	0	0	4	4	6	5	3	2	2	1	1	2
9	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	3	3	3	1	0	0	0	1	1
10	2	1	1	1	1	2	1	0	0	0	0	1	0	1	1	0	1	3	5	2	1	1	1	0	1
11	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	3	3	1	2	3	1	0	0	0	1
12	2	2	1	1	1	1	1	0	0	0	0	0	1	1	1	5	5	3	2	2	1	2	3	0	1
13	0	1	1	2	2	1	0	0	0	2	3	3	1	1	1	3	4	2	0	0	0	0	1	0	1
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	2	0	0	0	0	0
16	2	2	2	1	2	2	1	1	1	1	1	2	0	1	1	0	0	1	4	3	1	1	0	1	1
17	2	2	1	1	2	1	1	0	0	0	0	0	2	2	1	2	1	3	3	3	2	1	1	0	1
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	1	0	0	0	1	0
19	1	1	0	0	0	1	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0
20	1	2	1	0	1	1	2	0	1	1	1	2	0	1	0	0	1	2	2	1	1	1	1	0	1
21	0	0	0	1	0	0	0	0	0	0	2	0	0	1	3	1	0	0	1	2	1	0	1	0	1
22	2	2	2	3	3	2	2	2	1	1	4	4	2	1	1	1	1	3	3	2	1	1	1	0	2
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	0	0	0	0	0	0	0	0
24	1	1	1	2	1	1	1	0	0	1	2	1	1	0	1	2	2	2	1	2	1	1	0	0	1
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	2	2	0	1	0	0	0	1
27	2	2	1	2	2	3	2	1	3	1	3	1	3	1	2	4	3	2	4	3	2	2	3	0	2
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	1	1	0	0	0	0	0
29	1	1	1	1	0	0	1	0	0	0	0	0	1	0	0	1	4	2	2	1	0	0	0	0	1
30	1	0	0	0	0	0	1	0	0	0	0	0	2	1	0	0	1	2	2	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	3	1	0	1	0	0	0	0	0	0

MONTHLY STATISTICS:

ARITH-----PERCENTILES-----											RANGE-----		STN GEOM	PERCENT	NO. OF TIMES		
GEOM	MEAN	MEDIAN	MEAN	50	90	95	98	99	1-HR	24-HR	DEVIATION	VALID DATA	ABOVE	LIMIT	LEVEL		
	2	0	1	0	2	3	4	4	0	-	7	0	-	2	2	89	0

NOTES:

1. FLAGS FOR INVALID DATA :
 - D: DYNAMIC CALIBRATION
 - T: TELEMETRY/DATALOGGR FAULT
 - M: MAINTENANCE OR ANALYZER FAULT
 - P: POWER FAILURE

THE HONGKONG ELECTRIC COMPANY, LTD.
AIR QUALITY DATA MONTHLY TIME SERIES REPORT

STATION : CHUNG HOM KOK ZONE SUBSTATION
POLLUTANT : NITROGEN DIOXIDE

MONTH: MAY

YEAR : 2024

UNIT : MICROGRAMS/CUBIC METER

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	29	29	29	29	29	29	29	29	29	29	26	33	27	29	13	15	16	23	16	16	10	4	2	4	22
2	4	5	3	3	3	3	3	4	4	4	3	4	2	3	4	3	4	3	4	3	1	1	1	1	3
3	1	0	0	0	1	2	3	3	2	3	3	2	3	2	2	2	1	1	1	2	2	7	9	4	2
4	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
5	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
6	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
7	M	M	M	M	M	M	M	M	M	M	M	107	37	15	6	7	8	4	5	3	2	3	2	5	
8	3	M	4	4	4	3	7	8	5	6	8	11	7	5	6	10	10	8	6	7	6	5	6	6	
9	4	4	5	5	3	4	5	6	5	4	4	5	6	5	5	6	5	4	3	4	2	3	4	4	
10	5	4	4	4	4	4	5	5	6	4	3	5	1	1	3	4	4	5	3	3	2	5	4	2	4
11	1	1	2	1	2	4	4	4	4	5	3	3	3	3	5	7	10	8	5	5	4	5	4	11	4
12	15	6	4	3	3	3	16	22	10	7	2	8	11	3	3	6	10	15	23	35	57	83	92	67	21
13	62	67	87	79	72	54	35	30	48	61	67	46	37	14	9	11	16	6	8	5	4	3	3	5	35
14	4	4	3	5	3	4	5	7	9	9	7	6	6	8	6	5	7	6	13	22	9	10	5	5	7
15	3	4	2	3	4	4	8	7	9	6	7	8	8	8	5	6	8	11	10	10	10	8	6	8	7
16	10	7	6	7	7	7	9	9	10	10	10	9	7	7	8	14	7	7	8	10	8	7	7	10	8
17	5	3	3	4	4	4	8	6	5	3	4	4	5	4	8	11	16	27	14	5	7	6	8	12	7
18	8	6	3	5	4	3	6	12	8	6	4	4	3	4	6	4	7	6	9	9	5	7	7	13	6
19	10	10	12	10	9	9	10	8	6	4	5	5	2	2	2	2	2	5	4	2	5	10	6	5	6
20	2	3	4	2	2	2	3	3	5	6	7	6	5	6	6	7	7	4	5	5	5	6	5	6	5
21	3	5	3	3	4	5	7	6	10	9	10	7	5	6	5	15	8	8	6	9	8	29	16	27	9
22	77	M	65	74	77	73	62	57	44	44	51	33	20	15	11	8	9	8	5	6	6	4	5	9	33
23	11	8	5	2	6	4	10	11	8	9	12	8	8	3	5	5	6	9	9	12	10	2	7	6	7
24	3	2	5	4	4	4	4	5	6	8	6	10	12	8	10	10	10	6	18	15	4	3	0	4	7
25	5	4	6	11	17	10	5	26	19	10	6	5	3	2	2	4	5	8	8	9	5	5	6	6	8
26	5	5	3	3	6	8	9	7	13	7	6	9	2	3	14	6	3	18	24	18	16	9	11	11	9
27	10	11	7	16	16	25	15	10	17	16	21	6	13	12	11	5	15	16	26	31	19	11	17	19	15
28	22	11	7	13	12	10	16	50	40	24	16	14	10	5	5	6	20	12	14	19	2	2	2	4	14
29	3	2	2	2	2	3	4	6	6	4	3	3	3	3	2	5	2	3	5	3	0	2	2	2	3
30	1	0	1	1	0	0	1	2	2	2	2	2	2	2	3	3	2	4	2	4	2	4	2	5	2
31	4	5	2	1	3	4	5	10	9	9	12	5	4	6	16	10	4	8	14	13	7	7	5	9	7

MONTHLY STATISTICS:

GEOM	ARITH-----PERCENTILES-----										RANGE-----		STN GEOM	PERCENT	NO. OF TIMES	
MEAN	MEDIAN	MEAN	50	90	95	98	99	1-HR		24-HR		DEVIATION	VALID DATA	ABOVE	LIMIT	LEVEL
6	6	10	6	19	31	65	75	0	-	107	2	-	35	2	89	0

NOTES:

1. FLAGS FOR INVALID DATA :
 - D: DYNAMIC CALIBRATION
 - T: TELEMETRY/DATALOGGR FAULT
 - M: MAINTENANCE OR ANALYZER FAULT
 - P: POWER FAILURE

THE HONGKONG ELECTRIC COMPANY, LTD.
AIR QUALITY DATA MONTHLY TIME SERIES REPORT
MONTH: MAY

STATION : VICTORIA ROAD SUBSTATION
POLLUTANT : SULPHUR DIOXIDE

YEAR : 2024
UNIT : MICROGRAMS/CUBIC METER

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN		
1	10	10	11	10	10	10	10	10	10	10	10	10	10	10	10	10	10	11	11	11	11	11	10	11	10		
2	10	10	11	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10		
3	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	8	10	10	10	10	10	10	10	13	10	
4	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	12	10	
5	10	10	10	10	10	11	10	10	10	10	10	10	10	10	10	10	10	11	10	10	10	10	10	10	13	10	
6	10	10	10	10	10	10	10	11	10	11	11	10	10	10	11	11	11	11	11	11	11	10	10	11	12	11	
7	11	11	10	11	11	11	11	11	12	13	13	12	12	12	11	10	10	10	10	10	10	10	10	10	11	11	
8	10	10	10	10	10	10	10	10	11	10	11	11	11	11	11	10	11	11	10	10	10	10	10	10	11	10	
9	10	10	10	11	10	10	10	10	10	11	10	11	10	11	10	10	10	10	11	10	10	10	10	10	11	10	
10	10	10	10	10	10	10	10	10	10	10	10	10	11	9	10	10	10	10	10	10	10	10	10	10	12	10	
11	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	12	10	
12	10	10	10	11	11	11	11	11	11	12	12	12	12	12	12	11	11	11	11	11	11	11	11	11	11	11	
13	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	10	10	10	10	10	10	10	10	10	10	12	11
14	10	11	10	10	11	10	11	10	11	11	11	11	10	10	10	10	10	10	10	10	10	10	10	10	11	10	
15	11	10	10	10	10	10	10	10	11	10	11	11	11	11	10	11	10	11	10	11	11	10	10	10	12	11	
16	11	10	11	11	11	11	11	10	11	11	11	11	11	11	11	10	11	10	11	10	10	10	10	10	12	11	
17	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	12	10
18	11	11	10	10	10	11	10	10	10	11	10	10	10	11	10	10	10	10	10	10	11	10	10	11	12	10	
19	10	11	11	11	10	11	10	11	10	10	10	10	10	10	10	10	11	10	11	10	10	10	10	10	12	10	
20	10	10	10	11	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	12	10	
21	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	11	11	11	10	
22	11	11	11	11	12	11	11	12	13	15	16	13	12	12	11	11	11	11	10	11	10	11	11	11	12	12	
23	11	11	10	11	11	11	11	11	11	11	11	11	10	11	10	10	11	10	10	10	11	11	11	11	12	11	
24	11	11	11	11	11	10	11	11	10	10	10	10	11	10	11	11	10	11	11	11	11	10	10	10	11	11	
25	10	10	10	10	10	10	10	10	10	10	11	11	11	10	11	10	10	11	10	10	10	10	10	10	12	10	
26	10	10	10	11	11	10	10	11	11	12	11	12	11	11	11	11	11	10	11	11	11	11	10	10	12	11	
27	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	10	10	11	11	11	11	10	11	13	11		
28	11	10	10	11	10	11	11	12	12	11	12	12	12	11	11	11	12	11	11	11	11	10	10	10	11	11	
29	10	10	10	10	10	11	10	11	11	10	11	10	11	11	11	11	11	11	11	11	11	10	11	12	11		
30	10	10	11	10	10	11	10	10	11	11	11	10	10	11	11	11	11	11	11	11	10	10	11	11	11	11	
31	11	11	11	11	11	11	11	11	11	11	11	M	9	11	11	11	11	11	11	11	11	11	11	11	11	11	

MONTHLY STATISTICS:

GEOM	ARITH-----PERCENTILES-----										RANGE-----		STN GEOM	PERCENT	NO. OF TIMES	
MEAN	MEDIAN	MEAN	50	90	95	98	99	1-HR		24-HR		DEVIATION	VALID DATA	ABOVE LIMIT LEVEL		
10	10	11	10	11	12	12	13	8	-	16	10	-	12	1	100	0

- NOTES: 1. FLAGS FOR INVALID DATA :
- D: DYNAMIC CALIBRATION
 - T: TELEMETRY/DATALOGGR FAULT
 - M: MAINTENANCE OR ANALYZER FAULT
 - P: POWER FAILURE

THE HONGKONG ELECTRIC COMPANY, LTD.
AIR QUALITY DATA MONTHLY TIME SERIES REPORT

STATION : VICTORIA ROAD SUBSTATION
POLLUTANT : NITROGEN DIOXIDE

MONTH: MAY

YEAR : 2024

UNIT : MICROGRAMS/CUBIC METER

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	9	22	12	8	6	5	8	13	16	14	10	11	13	10	9	16	34	31	28	25	17	27	26	16
2	23	23	22	10	3	3	4	7	8	11	10	9	8	9	10	12	11	7	5	4	4	3	3	3	9
3	3	3	2	2	2	3	3	5	7	7	7	7	6	8	9	8	5	6	5	4	3	3	4	4	5
4	3	2	2	2	2	2	3	4	6	8	8	5	4	5	7	6	14	12	5	5	5	10	11	6	6
5	9	6	7	5	13	17	9	9	7	6	7	6	6	6	6	5	8	10	9	14	14	14	14	22	10
6	19	16	8	3	4	4	9	18	19	19	12	9	8	6	14	16	13	17	21	17	12	8	8	15	12
7	20	16	24	21	23	18	24	25	31	41	40	34	42	42	15	22	26	13	8	7	7	8	7	5	22
8	5	M	4	8	6	14	14	17	24	18	21	26	24	16	10	15	16	14	13	9	7	7	7	5	13
9	4	3	3	4	3	3	5	8	11	11	12	11	11	11	11	11	12	10	8	6	5	4	3	4	7
10	4	3	3	3	3	3	4	6	8	9	9	6	7	11	11	13	10	8	6	6	4	3	4	3	6
11	2	2	2	2	1	2	3	5	10	8	8	8	7	8	9	8	12	9	12	11	9	16	21	7	8
12	4	5	9	13	15	21	20	21	22	19	20	28	24	23	21	11	18	26	27	25	36	29	31	30	21
13	32	32	33	30	23	22	23	23	23	29	28	25	21	22	17	19	14	12	8	5	5	6	4	4	19
14	4	3	3	4	3	4	6	9	10	13	13	12	11	14	13	12	12	9	7	7	8	8	7	6	8
15	5	5	4	3	3	4	6	8	8	8	7	9	9	8	9	9	10	14	17	12	11	12	13	23	9
16	18	7	3	3	3	4	8	10	14	12	14	12	10	12	11	11	13	12	10	9	8	7	6	7	9
17	5	4	4	3	3	3	8	12	14	15	10	8	14	19	15	11	16	18	17	16	14	16	15	7	11
18	7	7	7	4	3	3	5	9	13	11	10	12	10	14	14	19	15	10	9	7	5	9	8	7	9
19	6	5	4	4	4	5	6	6	5	4	4	4	4	4	3	3	3	4	4	4	5	5	4	5	4
20	3	3	3	2	2	2	3	5	6	6	6	6	5	7	9	9	11	12	10	7	6	5	4	4	6
21	3	3	2	2	2	2	4	6	11	11	11	12	8	11	14	18	21	15	14	18	25	28	27	27	12
22	24	M	18	19	22	18	16	18	26	26	24	21	24	23	16	19	18	15	20	23	15	18	14	22	20
23	10	12	7	6	15	16	14	17	15	17	17	16	13	6	5	11	11	11	13	12	10	17	17	18	13
24	15	15	11	7	6	4	11	14	13	15	12	14	14	12	9	9	10	14	13	13	11	6	5	3	11
25	4	3	2	3	4	4	6	6	5	8	12	11	9	10	12	12	11	11	6	5	5	4	5	6	7
26	5	4	13	14	12	7	10	12	13	16	19	21	13	17	10	12	11	12	15	14	12	8	5	6	12
27	6	6	7	10	9	10	14	14	12	10	10	9	9	11	12	10	8	8	9	9	7	6	8	13	9
28	9	5	4	3	5	7	22	19	17	21	28	28	35	26	18	22	39	21	16	9	5	4	4	4	15
29	3	3	3	2	2	3	4	6	6	7	8	7	7	8	8	10	9	11	11	6	4	4	4	4	6
30	3	2	2	2	2	2	3	4	6	8	7	7	6	5	6	5	8	5	5	4	3	4	3	4	4
31	3	2	2	2	2	2	3	8	11	14	12	M	13	14	19	15	19	9	10	6	4	3	3	4	8

MONTHLY STATISTICS:

GEOM	ARITH-----PERCENTILES-----										RANGE-----		STN GEOM	PERCENT	NO. OF TIMES	
MEAN	MEDIAN	MEAN	50	90	95	98	99	1-HR		24-HR		DEVIATION	VALID DATA	ABOVE	LIMIT	LEVEL
8	9	11	9	21	25	30	34	1	-	42	4	-	22	2	100	0

- NOTES: 1. FLAGS FOR INVALID DATA :
- D: DYNAMIC CALIBRATION
 - T: TELEMETRY/DATALOGGR FAULT
 - M: MAINTENANCE OR ANALYZER FAULT
 - P: POWER FAILURE

THE HONGKONG ELECTRIC COMPANY, LTD.
AIR QUALITY DATA MONTHLY TIME SERIES REPORT
MONTH: MAY

STATION : POK FU LAM
POLLUTANT : SULPHUR DIOXIDE

YEAR : 2024
UNIT : MICROGRAMS/CUBIC METER

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	3	2	2	3	3	3	2	2	2	3	2	2	2	3	2	3	2	2	3	2	3	2	3	4	3	
2	3	2	3	2	3	2	2	2	1	1	2	3	3	2	2	2	2	3	2	2	2	1	3	2	2	
3	2	2	3	2	3	1	3	1	3	2	1	2	3	2	3	4	7	3	3	1	2	3	3	3	11	3
4	4	3	4	2	3	3	2	2	3	1	3	2	2	3	2	2	2	3	2	2	3	2	3	2	12	3
5	4	3	4	3	3	4	2	3	2	4	3	3	3	3	3	3	2	2	2	2	2	2	2	2	13	3
6	6	4	3	3	4	3	2	3	5	5	6	4	3	2	4	4	4	4	5	4	3	3	2	2	12	4
7	5	4	5	5	5	5	5	6	8	9	9	10	8	5	3	3	3	3	4	3	2	2	2	2	12	5
8	4	4	4	3	3	4	4	4	4	4	5	5	4	4	3	3	4	3	3	4	4	4	3	4	11	4
9	5	4	4	3	3	4	3	3	3	3	3	4	3	3	4	3	4	4	3	3	2	3	4	10	4	
10	5	3	4	4	2	3	3	3	3	2	3	3	2	3	3	2	4	3	2	2	3	2	2	11	3	
11	4	4	3	2	3	3	2	3	2	4	3	3	3	3	2	3	3	2	3	3	3	4	5	14	4	
12	4	4	5	4	3	4	5	5	5	6	9	6	4	5	5	5	4	4	3	3	3	5	4	15	5	
13	6	7	7	4	4	6	6	4	4	4	4	4	5	4	4	3	3	3	2	2	4	3	3	14	5	
14	5	3	3	3	2	4	3	3	3	3	4	4	5	4	3	3	2	2	2	2	3	3	4	12	4	
15	5	4	3	4	3	3	4	3	2	4	6	4	3	3	3	4	4	4	4	3	3	3	3	13	4	
16	6	4	5	4	4	5	3	4	3	4	5	5	5	4	3	4	4	3	2	3	4	2	3	11	4	
17	4	4	2	3	2	3	3	2	4	4	4	3	2	3	3	3	3	4	3	3	3	2	2	12	3	
18	5	3	3	3	4	3	2	2	3	M	12	5	4	4	3	4	4	4	4	4	4	5	4	13	4	
19	6	5	6	5	4	3	4	4	3	2	2	4	2	3	3	4	2	3	4	3	3	3	2	11	4	
20	6	3	3	4	2	3	3	3	4	2	3	3	2	4	3	2	3	3	2	2	3	3	2	13	3	
21	5	4	3	4	3	2	4	3	2	3	3	2	3	3	3	3	3	4	3	3	5	4	3	18	4	
22	9	6	6	7	5	4	5	6	6	9	10	6	6	5	3	4	4	4	3	3	4	4	2	16	6	
23	5	4	5	4	3	4	5	5	3	4	6	4	3	3	3	4	3	2	2	3	4	3	3	15	4	
24	6	6	4	3	4	3	2	4	5	3	3	4	4	3	2	4	3	2	3	4	3	2	4	14	4	
25	6	3	3	4	4	3	2	2	4	3	4	5	3	3	3	3	2	4	4	3	2	1	3	15	4	
26	7	5	5	4	4	5	5	4	5	7	8	5	4	4	4	5	4	2	3	4	4	3	2	16	5	
27	7	5	4	3	4	4	4	2	3	4	3	2	3	3	3	4	3	2	4	4	3	2	3	13	4	
28	5	4	4	5	3	2	4	6	5	4	5	5	4	3	4	3	4	3	3	4	4	3	2	13	4	
29	6	4	3	4	3	4	4	3	4	3	4	5	3	3	4	5	5	5	4	4	5	4	3	15	4	
30	6	3	4	4	3	4	2	2	4	3	3	3	3	4	3	2	4	4	3	2	2	1	1	12	3	
31	7	5	5	4	4	4	3	2	2	2	3	2	8	3	4	5	4	2	3	4	3	2	2	18	4	

MONTHLY STATISTICS:

GEOM	ARITH-----PERCENTILES-----										RANGE-----		STN GEOM	PERCENT	NO. OF TIMES	
MEAN	MEDIAN	MEAN	50	90	95	98	99	1-HR	24-HR	DEVIATION	VALID DATA	ABOVE	LIMIT	LEVEL		
3	3	4	3	6	8	13	15	1	-	18	2	-	6	2	100	0

- NOTES: 1. FLAGS FOR INVALID DATA :
- D: DYNAMIC CALIBRATION
 - T: TELEMETRY/DATALOGGR FAULT
 - M: MAINTENANCE OR ANALYZER FAULT
 - P: POWER FAILURE

THE HONGKONG ELECTRIC COMPANY, LTD.
AIR QUALITY DATA MONTHLY TIME SERIES REPORT
MONTH: MAY

STATION : POK FU LAM
POLLUTANT : NITROGEN DIOXIDE

YEAR : 2024
UNIT : MICROGRAMS/CUBIC METER

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	25	28	49	47	35	36	36	39	50	48	47	45	46	44	46	43	60	76	78	89	67	63	78	64	52
2	63	49	53	54	33	32	31	33	35	36	33	31	33	31	31	31	30	29	30	26	26	25	27	27	35
3	27	27	28	28	28	28	29	30	29	30	24	23	22	22	21	23	11	11	9	6	5	6	6	4	20
4	4	3	2	4	3	3	4	4	6	5	5	7	14	7	6	8	36	36	11	12	14	15	19	43	11
5	33	19	8	18	25	41	16	17	18	14	6	13	6	4	6	8	8	11	16	26	29	33	45	31	19
6	31	29	23	21	13	15	28	31	29	32	28	11	9	7	10	14	13	22	42	27	24	15	18	29	22
7	47	37	44	47	82	68	67	61	71	81	70	81	53	42	21	35	27	19	9	8	13	19	41	10	44
8	10	18	13	21	12	21	31	53	31	44	43	63	44	31	21	29	23	13	15	18	11	9	8	8	25
9	8	5	5	6	5	5	7	12	12	13	11	11	10	8	8	14	20	16	16	13	11	10	6	6	10
10	6	6	6	5	6	5	7	10	12	13	11	12	11	12	10	11	11	12	8	8	6	4	7	4	8
11	3	3	2	2	1	2	6	8	13	21	10	32	14	12	9	13	15	17	22	21	22	52	57	33	16
12	14	M	31	28	22	56	44	36	45	40	41	36	26	22	16	16	34	41	66	60	78	71	72	67	42
13	68	77	74	68	56	58	52	46	45	39	43	37	32	27	37	14	12	10	11	7	6	8	6	6	35
14	6	6	5	6	5	6	10	19	17	17	16	15	14	14	13	19	17	17	10	9	15	14	15	9	12
15	8	7	6	5	6	6	7	10	10	18	20	13	14	13	15	14	16	19	29	35	21	19	18	28	15
16	28	7	4	6	6	7	9	13	14	13	13	13	11	11	12	13	13	16	12	10	9	9	9	9	11
17	7	6	5	3	4	3	6	15	10	11	10	4	7	8	7	11	15	17	19	17	15	18	20	8	10
18	5	8	5	3	1	1	2	6	8	M	6	5	4	5	6	8	5	4	6	5	2	5	6	4	5
19	3	3	2	2	2	2	3	3	2	1	2	2	1	1	1	1	1	2	1	2	4	4	2	3	2
20	2	2	2	2	1	2	4	5	8	6	8	10	7	6	7	6	8	16	13	9	8	7	5	4	6
21	3	4	3	3	3	2	4	6	7	6	8	5	4	6	17	29	41	40	65	66	72	76	74	70	26
22	68	64	62	63	58	50	43	42	54	57	59	44	51	48	35	31	47	39	47	55	54	48	25	64	50
23	24	12	13	18	30	37	28	33	29	39	44	35	23	10	11	17	25	24	27	32	20	35	44	51	28
24	34	25	7	7	6	9	11	26	42	30	12	19	14	16	15	18	20	33	42	37	29	10	6	4	20
25	5	3	2	4	5	6	8	14	6	13	17	21	14	16	14	14	11	12	8	7	7	7	39	31	12
26	49	M	34	44	45	35	26	29	33	31	36	22	11	8	10	15	17	16	16	15	9	10	4	4	23
27	6	7	7	11	10	10	10	10	16	10	12	12	12	10	13	18	12	15	14	14	8	8	11	14	11
28	19	6	5	8	14	16	39	41	31	39	51	54	52	30	31	24	42	32	23	27	8	6	7	5	25
29	5	4	4	4	4	4	6	11	11	10	8	9	9	9	9	12	13	17	16	12	8	8	8	6	9
30	5	3	3	3	3	4	4	6	8	10	10	12	9	10	11	11	10	12	12	8	5	10	5	6	8
31	5	4	3	2	2	2	2	4	6	6	5	3	7	6	11	21	17	6	8	5	3	2	3	6	6

MONTHLY STATISTICS:

GEOM		ARITH-----PERCENTILES-----							-----RANGE-----					STN GEOM	PERCENT	NO. OF TIMES
MEAN	MEDIAN	MEAN	50	90	95	98	99	1-HR	24-HR	DEVIATION	VALID DATA	ABOVE	LIMIT	LEVEL		
13	13	20	13	46	60	71	77	1	-	89	2	-	52	3	100	0

NOTES:

1. FLAGS FOR INVALID DATA :
 D: DYNAMIC CALIBRATION
 T: TELEMETRY/DATALOGGR FAULT
 M: MAINTENANCE OR ANALYZER FAULT
 P: POWER FAILURE

THE HONGKONG ELECTRIC COMPANY, LTD.
AIR QUALITY DATA MONTHLY TIME SERIES REPORT
MONTH: MAY

STATION : AP LEI CHAU
POLLUTANT : SULPHUR DIOXIDE

YEAR : 2024
UNIT : MICROGRAMS/CUBIC METER

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	2	2	2	2	2	3	2	2	2	2	2	2	4	4	3	5	4	3	3	8	3
2	5	3	3	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2
3	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2
4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2
5	2	3	2	4	3	4	3	2	3	3	2	2	2	3	2	2	2	3	2	2	2	2	2	2	2
6	2	2	2	2	2	2	2	5	5	5	4	5	3	4	5	3	4	3	5	3	4	3	3	3	3
7	3	3	3	4	6	7	6	5	7	12	10	14	7	6	3	2	3	2	2	2	2	2	2	2	5
8	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
9	3	2	3	3	3	3	3	3	3	3	3	3	3	3	2	3	3	2	2	2	2	2	2	2	3
10	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2
11	2	2	2	2	2	2	2	3	2	2	2	2	2	2	3	2	3	3	2	2	2	2	2	2	2
12	2	2	2	2	2	3	5	5	6	11	8	5	7	7	7	4	4	3	3	4	4	4	3	4	4
13	4	4	4	4	4	4	4	5	3	6	6	5	5	7	3	3	2	2	2	2	2	2	2	2	4
14	2	2	2	3	3	3	3	3	4	4	4	4	3	3	2	2	2	2	3	3	2	2	2	3	3
15	2	3	3	2	3	3	3	3	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3
16	3	3	3	4	4	4	3	3	4	4	4	4	4	3	3	3	3	3	2	2	2	2	2	2	3
17	2	2	2	2	2	2	2	2	3	2	3	2	2	2	2	2	2	3	2	2	2	2	1	3	2
18	2	2	3	2	2	2	2	2	3	3	3	2	2	3	3	3	2	2	3	3	3	3	3	4	3
19	3	3	3	3	3	3	3	3	3	3	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2
20	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	3	2
21	2	2	2	2	2	3	2	2	3	3	2	2	3	2	2	2	3	2	2	2	3	5	5	4	3
22	5	5	4	5	6	6	6	5	7	13	11	7	6	6	3	3	3	3	3	3	3	2	2	4	5
23	3	3	3	3	2	3	3	3	3	3	3	3	2	3	2	3	3	2	2	2	3	2	2	2	3
24	2	2	3	3	2	2	2	2	3	3	2	3	3	3	3	3	3	3	3	3	3	2	2	2	3
25	2	3	3	3	3	3	3	4	4	4	3	3	3	3	2	2	3	2	2	2	2	3	3	3	3
26	3	3	3	3	3	3	3	4	5	4	3	4	5	7	6	5	6	5	4	4	4	3	3	3	4
27	3	4	4	4	4	4	4	3	4	4	3	4	4	4	4	3	3	4	4	4	4	4	5	4	4
28	4	3	3	3	3	5	11	8	6	6	6	7	6	3	3	3	4	4	3	3	3	3	3	3	4
29	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	3	3	3	3	3
30	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	3	3	3
31	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3

MONTHLY STATISTICS:

GEOM	ARITH-----PERCENTILES-----										RANGE-----		STN GEOM	PERCENT	NO. OF TIMES	
MEAN	MEDIAN	MEAN	50	90	95	98	99	1-HR		24-HR		DEVIATION	VALID DATA	ABOVE	LIMIT LEVEL	
3	3	3	3	4	6	7	8	1	-	14	2	-	5	1	100	0

- NOTES: 1. FLAGS FOR INVALID DATA :
- D: DYNAMIC CALIBRATION
 - T: TELEMETRY/DATALOGGR FAULT
 - M: MAINTENANCE OR ANALYZER FAULT
 - P: POWER FAILURE

THE HONGKONG ELECTRIC COMPANY, LTD.
AIR QUALITY DATA MONTHLY TIME SERIES REPORT

STATION : AP LEI CHAU
POLLUTANT : NITROGEN DIOXIDE

MONTH: MAY

YEAR : 2024
UNIT : MICROGRAMS/CUBIC METER

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	34	27	36	22	8	16	13	12	28	31	34	28	27	21	14	19	63	60	34	49	59	45	65	104	35
2	70	27	7	6	4	7	8	8	10	8	8	9	9	9	9	9	8	5	6	5	5	5	5	4	10
3	4	5	4	4	4	5	6	6	7	8	8	9	8	8	8	7	5	6	7	6	4	7	9	5	6
4	4	3	3	4	4	4	4	3	6	7	4	6	5	4	6	7	42	24	12	11	11	11	10	19	9
5	26	25	10	37	20	48	23	11	9	5	4	5	8	4	5	3	7	10	10	14	10	4	7	9	13
6	11	16	4	5	6	11	18	31	24	31	21	28	14	27	27	14	23	18	34	26	31	19	16	30	20
7	35	28	26	43	70	81	64	57	65	98	77	95	49	39	9	7	12	9	6	8	7	8	8	6	38
8	5	6	5	5	7	9	9	8	9	11	13	11	14	11	6	6	7	6	9	11	9	10	9	7	8
9	6	6	6	7	6	6	8	9	9	8	8	9	9	8	6	6	7	9	8	8	8	6	4	6	7
10	8	7	6	7	7	8	9	10	10	9	8	10	8	6	8	8	6	5	5	5	4	5	5	4	7
11	4	4	5	4	4	4	8	10	10	7	4	5	3	4	5	10	12	7	8	9	11	11	13	8	7
12	8	7	5	4	13	38	49	44	33	46	33	23	31	28	15	8	32	31	43	54	75	72	50	64	34
13	70	59	66	62	46	42	48	45	36	63	62	51	46	25	12	6	5	4	5	4	4	5	6	6	32
14	6	M	6	7	6	8	8	9	11	10	12	12	8	5	5	5	5	5	8	11	9	10	7	6	8
15	6	6	7	7	7	8	11	11	12	11	10	11	11	9	8	6	14	14	11	9	10	13	13	14	10
16	11	9	6	6	6	8	17	17	11	11	10	9	8	7	8	9	8	7	8	8	8	7	7	9	9
17	6	6	5	6	6	8	12	12	12	9	9	8	7	8	8	7	16	25	16	10	11	11	10	11	10
18	8	13	10	5	5	6	10	12	9	9	8	9	7	7	9	11	6	8	12	9	6	7	8	12	9
19	10	10	10	9	9	11	13	10	8	7	6	6	5	5	4	4	5	6	5	5	8	12	8	5	8
20	4	4	4	3	3	4	7	7	9	10	10	10	8	8	9	7	8	12	11	9	6	5	6	7	7
21	5	7	5	5	5	5	7	6	6	8	9	5	5	5	9	14	6	5	5	4	51	75	75	55	16
22	70	65	60	61	63	59	58	53	55	61	62	44	45	25	11	10	14	11	17	32	19	18	11	36	40
23	40	18	9	6	11	9	14	13	13	12	16	11	6	3	4	6	5	12	14	6	33	17	21	13	13
24	8	6	7	6	5	7	12	19	13	15	16	18	10	18	17	19	28	30	39	22	10	6	6	6	14
25	6	4	28	12	10	11	10	22	16	22	10	6	11	9	5	6	7	6	7	6	5	5	6	5	10
26	6	5	6	5	5	7	13	30	27	14	9	16	14	30	21	21	28	24	29	22	16	9	8	8	16
27	15	16	19	24	21	14	14	12	12	8	10	9	14	12	17	16	20	22	24	30	19	16	23	18	17
28	20	M	18	16	15	40	56	45	38	34	43	52	35	13	6	11	20	19	10	10	4	4	5	5	23
29	5	4	4	4	5	5	7	9	9	8	7	7	6	6	5	7	6	6	7	7	5	6	7	6	6
30	5	4	4	4	3	4	6	8	9	10	10	8	9	10	11	9	13	12	9	6	6	8	6	7	8
31	7	6	5	3	4	4	3	5	5	5	5	3	4	4	8	25	8	7	7	7	4	4	4	10	6

MONTHLY STATISTICS:

GEOM	ARITH-----PERCENTILES-----											RANGE-----		STN GEOM	PERCENT	NO. OF TIMES
MEAN	MEDIAN	MEAN	50	90	95	98	99	1-HR		24-HR		DEVIATION	VALID DATA	ABOVE	LIMIT	LEVEL
10	9	15	9	34	54	65	74	3	-	104	6	-	40	2	100	0

NOTES:

1. FLAGS FOR INVALID DATA :
 - D: DYNAMIC CALIBRATION
 - T: TELEMETRY/DATALOGGR FAULT
 - M: MAINTENANCE OR ANALYZER FAULT
 - P: POWER FAILURE

THE HONGKONG ELECTRIC COMPANY, LTD.
AIR QUALITY DATA MONTHLY TIME SERIES REPORT
MONTH: MAY

STATION : CHEUNG CHAU
POLLUTANT : SULPHUR DIOXIDE

YEAR : 2024
UNIT : MICROGRAMS/CUBIC METER

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	11	10	11	11	10	10	10	10	10	10	10	10	9	10	10	9	9	9	9	9	9	9	9	9	M	10
2	11	10	10	10	10	10	10	10	9	9	9	9	8	9	9	9	9	8	9	8	8	8	8	8	M	9
3	10	9	8	9	8	8	8	8	8	8	8	8	8	8	7	8	8	8	8	8	8	8	8	8	M	8
4	11	10	11	10	10	10	10	10	11	11	10	10	10	10	10	10	10	10	10	10	11	11	10	10	M	10
5	12	11	11	12	11	11	12	12	12	12	12	12	11	11	11	11	10	10	10	10	10	10	10	11	M	11
6	12	11	11	11	11	11	11	12	12	11	11	11	11	12	11	11	11	12	11	11	11	11	11	12	17	12
7	13	12	12	12	12	12	12	13	13	13	13	13	13	14	12	13	12	11	11	11	11	11	11	11	16	12
8	12	11	11	11	11	11	11	11	10	11	10	10	11	11	11	11	10	10	10	10	10	11	12	12	16	11
9	12	11	10	11	11	11	10	10	11	12	11	10	10	10	9	9	10	10	10	10	10	10	10	10	19	11
10	11	10	10	10	10	10	10	10	12	11	10	10	10	10	10	10	9	9	9	9	9	9	9	10	14	10
11	11	10	10	10	10	10	10	10	10	10	10	10	10	10	9	10	10	9	10	10	10	9	9	15	10	
12	11	11	10	10	10	11	10	11	11	11	11	11	11	11	11	11	10	11	11	11	11	11	12	12	17	11
13	13	13	13	13	13	14	14	13	13	13	12	12	12	11	12	12	11	11	11	11	11	11	11	11	16	12
14	11	11	11	11	11	13	13	14	15	14	12	12	8	11	11	11	11	11	10	9	9	9	10	16	11	
15	12	12	12	12	12	12	11	12	12	12	12	12	12	12	12	12	12	11	12	11	11	11	11	16	12	
16	12	12	12	13	14	13	12	12	13	17	18	15	12	11	11	11	11	11	10	11	11	11	56	12	14	
17	11	11	11	11	11	11	11	11	11	12	12	11	11	11	11	11	11	12	11	11	11	12	11	11	16	11
18	12	12	12	11	12	12	12	12	12	11	12	11	12	11	11	11	11	11	11	12	12	12	12	12	17	12
19	13	12	12	12	12	12	12	12	12	12	12	11	11	11	12	11	11	11	11	12	12	12	12	12	17	12
20	12	12	12	12	12	12	12	12	13	12	13	12	12	12	12	12	12	11	12	12	12	12	12	12	16	12
21	13	12	13	12	12	12	12	12	11	12	12	12	12	12	12	12	12	12	12	13	14	13	14	13	19	13
22	15	15	14	15	16	15	15	15	15	14	15	15	15	14	14	14	13	13	13	13	13	13	14	14	18	14
23	14	13	13	13	13	13	13	12	12	12	13	12	12	12	12	12	12	12	12	12	13	13	13	18	13	
24	13	13	13	13	13	13	13	13	13	12	13	12	13	12	13	12	13	13	13	14	13	12	13	18	13	
25	13	13	12	13	13	13	13	13	13	13	13	12	12	12	12	11	12	11	12	12	11	11	11	17	12	
26	12	12	12	12	12	12	12	12	12	12	11	12	12	12	12	11	11	12	11	12	11	11	12	16	12	
27	12	12	12	12	12	12	12	12	11	12	12	12	12	12	12	12	12	12	12	12	12	12	11	17	12	
28	13	12	12	12	12	12	12	12	13	13	13	12	12	14	12	12	12	12	12	12	12	12	12	18	13	
29	13	12	12	12	12	12	12	12	12	12	12	M	14	13	12	12	12	12	12	12	12	11	12	19	12	
30	12	11	12	11	11	12	12	11	11	11	11	12	12	11	11	11	11	11	12	12	11	11	11	17	12	
31	12	12	12	11	12	11	11	11	11	11	11	11	M	0	1	3	3	3	3	3	2	3	2	6	7	

MONTHLY STATISTICS:

GEOM	ARITH-----PERCENTILES-----							-----RANGE-----				STN GEOM	PERCENT	NO. OF TIMES		
MEAN	MEDIAN	MEAN	50	90	95	98	99	1-HR		24-HR		DEVIATION	VALID DATA	ABOVE LIMIT LEVEL		
11	12	11	12	13	15	17	18	0	-	56	7	-	14	1	99	0

- NOTES: 1. FLAGS FOR INVALID DATA :
- D: DYNAMIC CALIBRATION
 - T: TELEMETRY/DATALOGGR FAULT
 - M: MAINTENANCE OR ANALYZER FAULT
 - P: POWER FAILURE

THE HONGKONG ELECTRIC COMPANY, LTD.
AIR QUALITY DATA MONTHLY TIME SERIES REPORT
MONTH: MAY

STATION : CHEUNG CHAU
POLLUTANT : NITROGEN DIOXIDE

YEAR : 2024
UNIT : MICROGRAMS/CUBIC METER

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	23	21	18	32	9	15	16	11	11	9	19	6	3	4	14	13	5	9	19	27	33	39	32	16
2	45	46	50	42	23	1	2	1	1	6	2	4	0	2	4	1	0	0	0	0	0	0	0	1	10
3	0	0	0	0	0	0	0	0	0	4	5	6	0	0	1	0	0	0	0	0	0	0	0	1	1
4	0	0	0	0	0	0	0	0	0	0	0	1	4	0	0	7	26	15	3	19	10	1	1	10	4
5	29	21	43	53	44	40	25	19	9	17	1	11	1	0	0	0	4	0	3	0	3	0	14	7	14
6	37	15	6	28	11	9	20	32	15	1	1	0	1	0	3	2	2	3	2	4	12	9	27	15	11
7	27	25	27	15	13	23	43	36	28	37	20	13	15	9	5	0	0	0	0	0	1	0	1	1	14
8	0	M	0	0	M	13	4	0	6	17	0	0	0	0	1	0	0	0	0	0	1	0	13	1	3
9	3	5	1	5	4	3	0	3	1	4	6	3	2	2	0	0	0	3	3	6	5	4	5	4	3
10	1	2	5	6	4	5	2	5	6	6	4	1	1	1	0	0	0	0	0	0	0	0	0	0	2
11	0	0	0	0	0	0	10	16	13	24	9	1	0	0	0	0	0	0	0	1	0	0	1	4	3
12	2	2	7	1	11	37	35	38	16	2	5	0	11	4	6	9	9	23	39	50	58	51	56	58	22
13	50	54	62	56	50	45	51	32	26	17	12	25	15	7	8	1	0	0	0	0	0	0	0	11	22
14	0	2	1	0	0	2	4	3	4	6	1	2	0	0	0	0	0	0	0	2	3	0	0	1	1
15	0	0	0	0	0	1	10	1	2	13	4	0	0	0	0	4	6	1	5	1	0	0	0	8	2
16	33	45	2	1	0	0	1	3	1	8	6	2	0	0	0	0	0	0	0	0	0	0	0	2	4
17	0	0	1	0	0	0	0	0	1	19	5	2	0	0	0	1	0	5	6	3	3	0	0	4	2
18	1	4	25	10	2	0	0	14	3	0	0	0	0	0	0	2	0	0	7	11	5	1	0	5	4
19	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	3	5	16	16	2
20	3	0	0	0	0	3	1	0	6	7	10	8	7	1	0	1	0	0	14	1	0	4	2	5	3
21	0	0	0	0	0	0	0	0	0	3	5	2	0	18	29	30	21	2	31	69	71	67	62	59	20
22	56	M	43	50	44	42	35	28	29	28	34	28	26	10	6	3	0	3	9	5	1	11	9	3	22
23	20	26	25	3	0	1	7	4	0	0	2	5	0	0	0	0	0	0	3	7	57	59	58	49	14
24	4	0	0	0	0	2	12	1	21	6	0	0	0	0	0	3	16	13	22	34	22	5	0	3	7
25	0	7	17	14	4	6	20	8	9	16	9	0	0	0	0	0	0	0	0	0	0	0	0	0	5
26	0	0	0	9	15	12	13	13	13	13	2	4	3	6	2	6	15	19	28	24	16	14	16	13	11
27	8	1	1	3	2	5	5	1	0	0	1	1	0	0	0	0	1	2	10	1	15	12	11	11	4
28	4	0	0	5	6	14	17	12	14	23	21	21	5	2	8	12	6	11	19	22	2	0	0	1	9
29	1	1	0	1	0	0	0	2	1	0	M	1	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	6	0	0	0	0	0	0	1
31	0	0	0	0	0	0	0	0	0	0	0	0	M	7	0	0	0	5	7	8	9	1	2	4	2

MONTHLY STATISTICS:

GEOM	ARITH-----PERCENTILES-----										RANGE-----		STN GEOM	PERCENT	NO. OF TIMES	
MEAN	MEDIAN	MEAN	50	90	95	98	99	1-HR		24-HR		DEVIATION	VALID DATA	ABOVE	LIMIT	LEVEL
7	1	8	1	25	39	53	58	0	-	71	0	-	22	3	99	0

NOTES:

1. FLAGS FOR INVALID DATA :
 - D: DYNAMIC CALIBRATION
 - T: TELEMETRY/DATALOGGR FAULT
 - M: MAINTENANCE OR ANALYZER FAULT
 - P: POWER FAILURE

THE HONGKONG ELECTRIC COMPANY, LTD.
 AIR QUALITY DATA MONTHLY TIME SERIES REPORT
 MONTH: JUNE

STATION : VICTORIA PEAK
 POLLUTANT : SULPHUR DIOXIDE

YEAR : 2024
 UNIT : MICROGRAMS/CUBIC METER

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	3	1	1
3	1	1	1	1	1	1	1	1	0	1	0	0	0	0	0	1	0	1	0	0	0	1	1	0	1
4	0	0	0	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1
5	0	0	0	1	1	1	1	1	1	0	1	0	1	1	1	1	1	1	0	1	1	1	0	0	1
6	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	1	1	1	1	0	1	0	0	0
7	1	1	0	1	1	1	0	1	0	0	0	0	1	1	1	0	1	1	1	1	1	1	1	1	1
8	0	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	0	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	M	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
16	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
17	1	1	1	1	1	1	0	0	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	0	1
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	3	1
21	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	0	2
22	2	1	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	1	1	1	1	1	1	1	2
23	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	0	1
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
26	1	0	0	1	1	1	1	1	1	1	1	2	3	3	3	2	1	1	0	0	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	0	0	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	2	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	3	3	2	2	2	1	1	2	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1

MONTHLY STATISTICS:

GEOM	ARITH-----PERCENTILES-----										RANGE-----		STN GEOM	PERCENT	NO. OF TIMES	
MEAN	MEDIAN	MEAN	50	90	95	98	99	1-HR		24-HR		DEVIATION	VALID DATA	ABOVE LIMIT	LEVEL	
1	1	1	1	1	2	2	3	0	-	3	0	-	2	1	100	0

NOTES:

1. FLAGS FOR INVALID DATA :
 - D: DYNAMIC CALIBRATION
 - T: TELEMETRY/DATALOGGR FAULT
 - M: MAINTENANCE OR ANALYZER FAULT
 - P: POWER FAILURE

THE HONGKONG ELECTRIC COMPANY, LTD.
AIR QUALITY DATA MONTHLY TIME SERIES REPORT
MONTH: JUNE

STATION : VICTORIA PEAK
POLLUTANT : NITROGEN DIOXIDE

YEAR : 2024
UNIT : MICROGRAMS/CUBIC METER

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	0	0	0	0	2	1	2	2	1	1	0	2	6	14	6	1	1	2	0	0	0	1	2
2	1	0	1	0	0	0	2	4	1	4	7	6	4	6	4	8	9	11	27	14	3	8	12	0	6
3	0	0	0	0	2	0	0	1	4	4	7	6	9	4	4	9	7	7	1	1	1	0	0	0	3
4	0	0	0	0	0	0	0	1	1	2	2	2	1	3	5	7	8	5	6	3	0	1	1	0	2
5	0	M	0	0	0	0	0	1	3	6	6	7	7	6	6	14	18	15	4	8	9	4	7	4	5
6	3	2	3	2	1	1	2	8	14	12	25	25	13	11	17	26	20	24	24	23	5	2	1	1	11
7	1	0	0	0	0	0	0	1	1	3	7	6	5	8	7	6	7	5	2	3	0	1	1	3	3
8	2	0	0	0	0	0	0	4	6	10	11	9	9	5	3	8	5	6	1	1	2	1	4	3	4
9	1	0	0	0	0	0	0	2	2	2	2	4	2	2	2	2	1	5	5	2	3	2	2	1	2
10	0	0	0	0	3	1	0	1	1	1	1	0	2	2	1	3	4	3	3	3	3	9	2	2	2
11	1	0	2	0	0	1	1	2	4	4	2	2	3	4	3	2	M	2	1	1	0	1	1	2	2
12	3	2	2	3	0	1	0	5	4	2	0	1	0	2	2	6	4	11	9	5	0	1	1	6	3
13	6	4	4	2	2	3	4	6	7	4	3	9	3	3	1	2	2	2	9	1	1	0	0	3	3
14	1	0	0	0	0	0	1	2	2	2	3	5	4	7	9	8	5	8	3	1	0	1	1	1	3
15	0	0	0	0	0	0	0	2	1	1	5	5	3	1	2	4	2	1	0	1	1	1	0	1	1
16	2	0	0	0	3	2	3	3	1	2	1	0	1	1	0	0	1	1	2	2	5	2	1	3	2
17	2	3	1	1	2	1	2	1	1	0	1	1	1	1	3	2	2	2	3	2	3	1	1	5	2
18	2	0	1	0	0	0	0	3	1	2	3	1	0	1	3	7	4	3	2	1	0	2	1	7	2
19	1	M	1	0	0	0	1	2	0	3	0	0	1	1	3	3	2	4	1	2	2	7	7	2	2
20	2	0	0	0	3	0	0	1	3	5	2	2	2	3	2	3	5	3	3	7	6	4	5	12	3
21	1	4	1	0	0	2	1	2	4	2	2	3	1	1	2	4	1	3	4	5	4	2	1	1	2
22	1	0	2	1	1	0	0	1	3	2	3	1	1	2	1	1	1	5	4	1	1	4	1	1	2
23	1	1	0	0	2	0	0	2	4	0	1	4	1	1	0	1	2	2	3	2	2	3	2	1	1
24	1	0	0	0	0	0	1	2	3	0	1	1	1	1	3	3	2	1	1	8	5	3	4	2	2
25	2	0	2	1	0	1	4	0	0	2	1	0	0	1	2	3	4	7	8	7	1	0	0	1	2
26	1	0	0	0	0	0	0	0	1	1	2	0	6	0	0	0	1	0	0	0	0	0	0	2	1
27	2	2	1	1	0	0	0	0	0	0	2	3	1	1	1	0	0	1	2	0	0	0	1	0	1
28	0	0	0	0	1	0	1	3	2	3	1	1	1	1	0	1	2	3	2	1	2	0	1	0	1
29	1	2	2	0	1	0	0	0	0	5	1	0	1	0	1	0	2	1	0	0	0	0	0	0	1
30	0	0	0	0	0	0	0	1	1	2	2	0	0	0	1	0	3	4	1	1	0	0	0	0	1

MONTHLY STATISTICS:

ARITH-----PERCENTILES-----RANGE-----													STN GEOM	PERCENT	NO. OF TIMES	
GEOM	MEAN	MEDIAN	50	90	95	98	99	1-HR	24-HR	DEVIATION	VALID DATA	ABOVE LIMIT	LEVEL			
2	1	2	1	6	8	14	20	0	-	27	1	-	11	2	100	0

- NOTES: 1. FLAGS FOR INVALID DATA :
- D: DYNAMIC CALIBRATION
 - T: TELEMETRY/DATALOGGR FAULT
 - M: MAINTENANCE OR ANALYZER FAULT
 - P: POWER FAILURE

THE HONGKONG ELECTRIC COMPANY, LTD.
AIR QUALITY DATA MONTHLY TIME SERIES REPORT

STATION : CHUNG HOM KOK ZONE SUBSTATION
POLLUTANT : SULPHUR DIOXIDE

MONTH: JUNE

YEAR : 2024

UNIT : MICROGRAMS/CUBIC METER

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	1	1	2	0	0	0	0	0	1	1	2	4	2	1	2	1	1	0	1	1	0	1
2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	2	1	0	2	1	0	0	0	1	0
3	2	1	2	1	1	2	0	0	0	0	0	1	2	0	0	0	0	1	0	0	0	0	0	0	1
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	1	1	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	M	3	0	0	0	0	0	0	0
6	1	0	0	0	0	1	1	0	0	0	1	1	0	0	0	4	4	3	2	1	1	1	1	0	1
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	4	0	1	0	1	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	1	0	0	0	0	0
10	1	2	1	1	1	1	1	0	0	0	0	0	3	0	0	3	2	2	4	5	2	1	1	0	1
11	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	2	0	0	0	0	0	0	0
12	1	1	1	1	1	1	0	1	1	1	0	0	0	0	1	6	3	2	1	1	1	1	1	0	1
13	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2	1	3	2	0	1	0	0	0	1	0
14	2	2	2	1	1	2	2	2	1	1	3	2	1	2	2	0	2	3	2	3	3	2	3	1	2
15	1	1	0	0	1	0	0	1	3	0	0	0	0	0	2	1	0	1	1	4	1	0	0	2	1
16	2	2	2	2	0	1	1	2	1	0	1	0	0	3	2	0	4	3	2	3	2	2	2	1	2
17	1	3	1	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1	5	4	2	0	0	1	1
18	1	1	0	2	0	0	0	0	0	0	0	1	0	1	0	1	3	2	2	3	1	1	1	1	1
19	1	0	1	1	0	1	0	0	0	0	0	0	1	0	2	1	0	5	3	3	1	1	4	2	1
20	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	3	0	1	1	0	0	0	1	0
21	1	1	0	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2	3	1	0	1	1	1
22	3	3	3	3	3	1	2	1	0	0	2	2	1	2	4	2	1	1	5	6	3	2	2	3	2
23	1	1	1	1	2	1	0	0	0	0	0	1	0	1	2	0	0	0	2	4	0	1	0	2	1
24	3	2	2	2	2	2	2	1	0	0	0	2	0	0	2	2	3	1	4	6	3	2	2	3	2
25	2	1	2	1	4	9	0	1	0	0	0	1	3	1	1	2	6	3	2	2	4	2	0	3	2
26	2	2	1	1	1	1	1	3	0	0	1	0	1	1	2	3	0	1	4	5	1	2	1	0	1
27	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	0	0	2	1	0	0	0	0	0
28	0	0	0	0	0	2	1	0	0	0	0	0	1	0	0	0	0	0	2	4	0	0	0	0	0
29	2	2	2	2	2	4	2	1	0	0	1	5	M	2	2	1	5	5	2	2	2	2	2	0	2
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	8	1

MONTHLY STATISTICS:

GEOM	ARITH-----PERCENTILES-----							-----RANGE-----				STN GEOM	PERCENT	NO. OF TIMES		
MEAN	MEDIAN	MEAN	50	90	95	98	99	1-HR		24-HR		DEVIATION	VALID DATA	ABOVE LIMIT LEVEL		
2	0	1	0	2	3	4	5	0	-	9	0	-	2	2	100	0

NOTES:

1. FLAGS FOR INVALID DATA :
 - D: DYNAMIC CALIBRATION
 - T: TELEMETRY/DATALOGGR FAULT
 - M: MAINTENANCE OR ANALYZER FAULT
 - P: POWER FAILURE

THE HONGKONG ELECTRIC COMPANY, LTD.
AIR QUALITY DATA MONTHLY TIME SERIES REPORT

STATION : CHUNG HOM KOK ZONE SUBSTATION
POLLUTANT : NITROGEN DIOXIDE

MONTH: JUNE

YEAR : 2024

UNIT : MICROGRAMS/CUBIC METER

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	15	9	3	1	6	2	7	6	3	5	4	2	6	14	5	8	11	6	4	3	3	1	6	9	6
2	11	5	7	10	11	11	29	20	34	18	10	12	18	17	28	31	21	25	26	33	16	16	8	20	18
3	27	11	15	18	8	2	3	2	2	1	3	2	2	1	2	1	3	2	1	3	0	1	0	1	5
4	0	0	0	0	0	0	0	1	0	0	1	1	2	3	2	0	1	1	2	2	1	2	2	2	1
5	1	M	1	1	0	0	0	1	1	2	1	1	1	1	1	1	M	3	3	1	3	1	0	1	1
6	1	1	2	1	1	0	7	4	10	17	18	10	6	2	2	3	6	3	0	0	0	0	1	1	4
7	1	2	1	1	1	0	1	2	1	0	1	1	1	0	0	0	0	0	1	0	0	0	0	1	1
8	0	0	0	0	1	0	2	1	3	4	2	3	2	5	2	1	4	2	8	5	7	7	10	6	3
9	5	5	1	3	2	1	7	5	2	3	6	3	3	9	3	4	4	5	2	2	1	1	6	1	4
10	1	4	6	11	11	6	3	6	9	8	8	9	9	10	1	14	9	14	6	15	28	10	11	12	9
11	6	10	36	21	30	23	18	6	14	13	17	3	7	14	10	11	12	6	17	15	22	11	10	13	14
12	13	14	17	15	12	15	18	23	25	17	17	9	7	2	5	13	8	9	10	11	8	14	11	12	13
13	12	15	11	17	16	19	22	26	18	18	15	7	11	5	5	9	6	7	20	17	13	9	10	8	13
14	7	17	5	4	0	5	10	6	8	3	2	12	9	12	26	16	8	8	3	1	5	10	14	14	9
15	8	4	3	4	4	4	2	8	8	8	2	6	8	1	4	11	0	3	2	4	17	2	7	8	5
16	8	10	5	1	6	15	19	16	10	5	3	7	3	7	2	1	7	9	12	14	11	23	21	29	10
17	7	4	14	17	9	17	10	6	6	5	3	5	2	1	0	2	3	3	4	4	9	2	4	8	6
18	10	8	6	2	14	9	9	11	9	3	7	5	5	4	9	10	18	10	12	8	8	18	30	9	10
19	14	M	15	6	7	7	11	4	7	6	3	6	3	2	2	1	5	10	5	3	4	12	13	8	7
20	13	6	9	1	12	7	5	2	7	4	2	3	3	6	4	5	8	8	4	6	12	7	5	11	6
21	3	6	8	2	9	14	10	8	5	5	4	8	4	2	4	4	5	4	4	11	7	4	5	4	6
22	4	4	3	3	2	2	6	4	4	4	4	4	1	3	0	0	1	3	5	6	10	5	7	3	4
23	3	2	4	2	4	4	3	5	5	2	11	3	1	1	2	1	2	2	4	4	5	6	8	5	4
24	5	2	2	5	2	3	5	6	8	4	5	3	7	5	3	2	7	3	2	12	12	9	10	4	5
25	6	5	5	5	2	4	7	4	4	5	4	6	5	5	6	9	8	9	11	11	1	1	1	2	5
26	0	1	4	10	3	2	5	6	6	6	8	4	3	2	3	3	4	5	4	4	4	2	4	4	4
27	4	1	2	1	5	1	2	4	2	3	2	1	0	1	2	3	3	4	6	2	4	5	5	4	3
28	5	2	2	8	10	3	3	8	8	7	11	7	3	4	2	1	2	3	6	7	14	11	2	6	6
29	6	11	8	10	1	0	5	6	3	15	10	2	M	6	6	8	7	4	11	14	11	10	15	3	7
30	10	14	6	7	8	4	10	8	11	9	5	5	10	7	6	11	13	19	21	15	6	4	9	11	10

MONTHLY STATISTICS:

GEOM	ARITH-----PERCENTILES-----							-----RANGE-----				STN GEOM	PERCENT	NO. OF TIMES		
MEAN	MEDIAN	MEAN	50	90	95	98	99	1-HR		24-HR		DEVIATION	VALID DATA	ABOVE LIMIT LEVEL		
5	5	7	5	15	18	25	29	0	-	36	1	-	18	2	99	0

NOTES:

1. FLAGS FOR INVALID DATA :
 - D: DYNAMIC CALIBRATION
 - T: TELEMETRY/DATALOGGR FAULT
 - M: MAINTENANCE OR ANALYZER FAULT
 - P: POWER FAILURE

THE HONGKONG ELECTRIC COMPANY, LTD.
AIR QUALITY DATA MONTHLY TIME SERIES REPORT
MONTH: JUNE

STATION : VICTORIA ROAD SUBSTATION
POLLUTANT : SULPHUR DIOXIDE

YEAR : 2024
UNIT : MICROGRAMS/CUBIC METER

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	11	10	11	11	11	11	11	11	11	11	11	11	11	11	11	12	11	11	11	11	10	11	11	11	11
2	10	11	10	10	11	11	11	10	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
3	10	11	11	10	11	10	10	10	10	10	11	10	11	11	10	10	11	11	10	10	10	10	10	11	10
4	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	11	10	10	10
5	10	10	10	10	10	10	10	10	10	10	10	11	10	10	11	11	10	11	10	11	11	11	11	11	12
6	11	10	11	11	10	10	10	10	11	11	11	11	11	11	11	11	11	11	11	11	11	10	11	12	11
7	11	11	10	11	11	10	11	10	11	10	10	11	10	10	10	11	10	10	11	11	10	10	11	11	11
8	10	10	11	10	11	11	10	10	11	11	11	10	11	11	11	11	11	10	10	10	11	10	10	12	11
9	11	11	10	11	10	10	11	11	11	11	10	11	10	11	11	10	11	11	10	11	10	10	11	11	11
10	10	11	11	11	10	11	10	11	11	11	11	11	12	11	11	11	11	11	11	11	10	11	11	13	11
11	11	11	11	11	11	11	11	11	11	11	11	11	11	12	10	11	11	11	10	10	10	11	11	11	11
12	11	11	11	10	11	10	10	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	13	11
13	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	10	11	11	11
14	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	13	11
15	11	11	11	11	11	11	11	11	11	11	11	11	10	11	11	11	11	11	10	11	10	10	10	12	11
16	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	12	11
17	11	11	11	11	11	11	11	11	10	11	11	11	11	11	11	11	11	11	11	11	11	11	11	13	11
18	11	11	11	11	11	11	11	11	11	12	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
19	11	11	11	11	11	11	11	11	11	11	10	11	11	11	11	M	14	15	12	12	12	11	12	13	12
20	11	12	12	11	12	11	12	12	11	12	12	12	12	12	12	12	12	12	12	12	12	12	13	12	12
21	12	12	12	11	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	13	12
22	12	12	12	12	12	12	12	12	12	12	13	12	12	12	12	12	12	12	12	12	12	12	12	13	12
23	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	13	12	12	12	12	13	12
24	12	12	12	12	12	12	12	12	12	13	12	12	12	12	12	12	13	12	12	12	12	12	12	12	12
25	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
26	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	3	10	11	11	11	11	11	11	11	11
27	11	11	11	11	11	10	11	11	11	11	11	11	11	11	11	11	11	11	11	10	11	11	11	12	11
28	11	11	11	11	11	11	11	11	11	11	10	12	6	11	11	11	11	11	11	11	11	11	11	12	11
29	11	11	11	11	11	11	11	11	11	12	11	11	11	11	11	11	10	11	11	11	11	11	11	12	11
30	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	13	11

MONTHLY STATISTICS:

GEOM	ARITH-----PERCENTILES-----										RANGE-----		STN GEOM	PERCENT	NO. OF TIMES	
MEAN	MEDIAN	MEAN	50	90	95	98	99	1-HR		24-HR		DEVIATION	VALID DATA	ABOVE LIMIT LEVEL		
11	11	11	11	12	12	13	13	3	-	15	10	-	12	1	100	0

- NOTES: 1. FLAGS FOR INVALID DATA :
- D: DYNAMIC CALIBRATION
 - T: TELEMETRY/DATALOGGR FAULT
 - M: MAINTENANCE OR ANALYZER FAULT
 - P: POWER FAILURE

THE HONGKONG ELECTRIC COMPANY, LTD.
AIR QUALITY DATA MONTHLY TIME SERIES REPORT

STATION : VICTORIA ROAD SUBSTATION
POLLUTANT : NITROGEN DIOXIDE

MONTH: JUNE

YEAR : 2024

UNIT : MICROGRAMS/CUBIC METER

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	3	4	3	5	6	10	11	11	15	14	7	5	9	12	22	11	6	6	4	5	3	3	6	8
2	7	3	4	3	3	4	6	8	10	10	8	9	9	9	13	13	12	16	12	8	8	9	6	5	8
3	6	3	2	4	8	3	4	5	6	8	11	10	14	13	10	14	9	7	5	4	3	2	2	2	6
4	2	2	2	2	2	2	3	5	7	6	6	6	5	6	7	8	9	6	7	6	4	4	3	3	5
5	2	M	2	2	2	2	3	5	5	8	8	8	7	10	9	14	15	13	19	25	21	14	18	16	10
6	12	9	7	6	4	5	7	12	19	26	21	16	12	17	17	12	30	14	12	16	17	11	5	5	13
7	8	6	8	13	4	3	4	5	8	7	8	8	7	7	8	8	7	6	5	8	8	5	5	5	7
8	3	2	2	2	5	13	11	14	19	15	13	15	13	12	9	11	12	9	7	6	4	5	7	4	8
9	3	3	3	2	1	2	4	8	12	7	8	5	8	13	5	5	5	4	4	4	4	9	8	6	6
10	6	2	2	2	5	5	4	6	9	11	8	6	11	11	7	10	9	8	9	8	7	6	7	8	7
11	6	5	9	8	10	10	13	15	16	15	9	11	5	7	6	7	7	7	5	5	6	10	8	10	9
12	8	7	7	7	4	6	8	15	11	8	6	7	4	4	7	9	10	14	18	11	6	7	7	10	8
13	12	8	9	8	10	10	11	14	14	13	11	13	9	10	7	8	6	7	12	7	10	6	6	9	10
14	6	4	4	3	3	3	9	9	9	11	10	14	15	14	14	14	9	12	8	8	8	11	10	5	9
15	4	3	4	3	2	4	5	5	7	6	10	16	12	8	9	14	8	7	7	6	3	4	11	11	7
16	12	10	9	3	4	5	5	8	8	9	7	6	4	7	4	4	6	6	7	8	8	8	10	10	7
17	8	8	7	7	8	7	13	9	7	6	6	5	5	4	5	6	8	6	6	10	8	7	5	10	7
18	9	6	7	4	4	5	10	15	15	12	10	6	4	5	6	10	8	8	5	6	9	10	8	11	8
19	11	M	6	6	5	4	7	10	12	8	5	4	4	6	7	M	9	3	0	0	0	0	0	0	5
20	0	0	0	0	0	0	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	6	6	4	6	5	7	6	7	7	7	9	7	3
29	6	7	6	4	3	5	3	7	6	11	8	5	6	4	6	5	5	8	6	6	5	6	6	4	6
30	5	4	3	4	4	5	8	8	8	7	6	4	3	4	6	4	5	9	9	8	7	4	4	4	6

MONTHLY STATISTICS:

ARITH-----PERCENTILES-----											RANGE-----				STN GEOM	PERCENT	NO. OF TIMES
MEAN	MEDIAN	MEAN	50	90	95	98	99	1-HR		24-HR		DEVIATION	VALID DATA	ABOVE	LIMIT	LEVEL	
7	5	5	5	12	14	16	19	0	-	30	0	-	13	2	99	0	

NOTES:

1. FLAGS FOR INVALID DATA :
 - D: DYNAMIC CALIBRATION
 - T: TELEMETRY/DATALOGGR FAULT
 - M: MAINTENANCE OR ANALYZER FAULT
 - P: POWER FAILURE

THE HONGKONG ELECTRIC COMPANY, LTD.
AIR QUALITY DATA MONTHLY TIME SERIES REPORT
MONTH: JUNE

STATION : POK FU LAM
POLLUTANT : SULPHUR DIOXIDE

YEAR : 2024
UNIT : MICROGRAMS/CUBIC METER

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	4	3	4	5	5	3	2	3	4	2	3	4	3	4	3	2	3	4	3	2	2	3	14	4
2	5	5	5	5	5	4	3	3	3	3	4	4	4	3	4	5	3	3	4	4	4	4	4	13	4
3	6	6	4	3	2	3	4	3	2	4	3	2	3	4	2	2	4	4	2	2	4	3	1	16	4
4	5	4	4	2	3	3	3	3	3	1	3	3	2	2	4	4	4	4	3	2	4	2	3	15	4
5	4	5	3	4	3	3	4	2	3	3	3	3	3	4	2	4	4	4	4	5	3	2	3	18	4
6	7	5	4	5	5	5	3	2	3	3	5	4	3	3	4	5	5	5	4	4	5	3	2	16	5
7	7	6	4	3	4	4	3	2	4	3	2	3	2	3	3	3	5	3	2	4	4	2	2	14	4
8	7	5	2	3	5	4	2	4	6	6	4	7	4	2	4	4	4	2	2	2	3	4	3	16	4
9	6	3	4	5	3	2	3	4	4	2	4	4	2	3	4	3	3	4	2	3	4	3	2	18	4
10	8	5	4	3	3	4	5	3	2	3	4	3	2	3	4	3	3	4	2	4	4	4	4	16	4
11	6	4	5	4	2	4	4	2	4	3	3	4	2	3	4	3	3	3	4	2	2	2	4	11	4
12	5	4	3	3	4	4	3	2	2	2	2	3	3	4	3	2	4	4	4	4	4	5	4	19	4
13	7	5	3	2	2	2	2	2	2	3	4	4	3	2	3	3	4	3	3	3	4	3	2	27	4
14	10	4	5	4	4	3	2	2	2	3	3	3	4	3	3	3	3	4	3	3	3	4	2	24	4
15	9	6	4	3	3	3	3	3	5	2	3	2	4	2	4	3	3	4	3	4	4	2	3	28	5
16	9	5	7	2	4	4	3	5	2	2	4	3	3	3	3	3	2	2	2	2	3	4	3	32	5
17	9	7	4	5	3	5	3	4	4	2	5	3	0	3	3	4	4	4	4	4	3	4	4	31	5
18	11	8	6	4	5	5	2	2	3	4	1	2	4	2	4	2	3	4	4	3	2	3	2	43	5
19	13	8	7	7	6	4	4	4	2	2	4	3	2	3	4	2	2	5	4	4	2	2	4	43	6
20	16	7	8	7	4	3	5	3	4	4	4	3	4	3	3	3	M	2	0	0	0	0	0	21	5
21	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	M	M	18	0	0	0	0	0	23	2
22	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	1
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	1
24	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	3	27	2
25	7	4	3	3	2	2	1	2	3	6	3	2	1	1	1	1	1	1	1	0	2	2	1	35	4
26	10	3	3	3	2	3	2	1	4	5	3	2	2	1	1	1	1	3	2	0	1	2	1	42	4
27	13	5	6	3	2	1	3	2	4	6	3	2	1	2	2	2	0	1	1	1	1	1	1	38	4
28	9	4	2	2	2	1	2	3	6	7	2	1	1	2	0	1	1	0	1	1	2	2	2	36	4
29	9	5	3	4	2	3	1	1	1	7	5	1	2	1	2	0	1	0	1	1	1	2	2	27	3
30	9	5	3	2	2	2	2	2	3	2	3	4	4	2	0	1	2	1	1	2	2	2	2	9	3

MONTHLY STATISTICS:

GEOM		ARITH-----PERCENTILES-----							-----RANGE-----				STN GEOM	PERCENT	NO. OF TIMES	
MEAN	MEDIAN	MEAN	50	90	95	98	99	1-HR	24-HR	DEVIATION	VALID DATA	ABOVE LIMIT	LEVEL			
3	3	4	3	6	9	20	31	0	-	43	1	-	6	2	100	0

- NOTES: 1. FLAGS FOR INVALID DATA :
- D: DYNAMIC CALIBRATION
 - T: TELEMETRY/DATALOGGR FAULT
 - M: MAINTENANCE OR ANALYZER FAULT
 - P: POWER FAILURE

THE HONGKONG ELECTRIC COMPANY, LTD.
AIR QUALITY DATA MONTHLY TIME SERIES REPORT
MONTH: JUNE

STATION : POK FU LAM
POLLUTANT : NITROGEN DIOXIDE

YEAR : 2024
UNIT : MICROGRAMS/CUBIC METER

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	3	4	2	6	8	9	7	9	12	10	11	5	7	11	12	12	12	17	8	7	4	9	18	9
2	14	7	10	12	12	13	16	29	22	23	19	20	22	23	25	20	17	28	19	11	12	12	7	10	17
3	9	5	2	7	7	5	6	9	11	12	17	20	28	21	10	21	15	18	10	8	6	5	4	5	11
4	3	3	3	3	2	2	4	7	6	7	8	8	7	8	10	10	13	9	16	14	6	7	7	6	7
5	5	4	4	4	3	3	5	12	11	12	15	16	19	17	13	28	35	35	53	87	75	46	29	63	25
6	66	47	32	25	16	11	12	22	45	44	42	30	23	34	55	50	47	39	35	32	43	16	34	19	34
7	43	55	38	51	17	6	7	12	10	10	13	13	12	13	14	12	16	13	10	14	9	7	9	9	17
8	5	4	3	3	3	4	20	29	38	56	46	45	25	27	21	13	9	11	12	11	6	6	10	5	17
9	4	M	4	2	2	2	4	10	13	12	18	13	22	20	6	5	6	4	4	5	8	31	33	39	12
10	10	3	3	5	7	6	4	8	11	10	7	5	7	7	3	10	11	17	11	12	11	14	8	10	8
11	5	4	11	11	10	11	15	16	19	19	10	11	11	10	12	18	12	13	14	14	11	11	8	10	12
12	10	10	7	5	6	13	18	23	15	13	9	9	6	4	9	14	10	13	11	10	16	11	13	6	11
13	10	7	9	15	22	16	21	25	20	25	21	M	M	M	M	M	M	M	M	32	24	13	7	8	
14	7	3	5	5	5	5	15	64	22	16	18	85	78	28	31	74	27	45	14	14	10	13	52	10	27
15	6	6	5	4	44	20	9	16	10	8	13	24	17	10	18	23	15	21	21	14	10	13	16	24	15
16	35	17	24	3	4	6	7	12	8	11	7	7	6	8	4	5	10	13	16	12	35	19	11	11	12
17	12	13	11	11	9	9	13	12	5	3	11	6	2	4	8	5	5	6	17	10	8	5	10	8	8
18	12	4	4	1	2	2	4	7	8	5	4	5	5	3	4	15	17	17	15	12	11	15	12	15	8
19	15	10	8	7	5	4	7	14	12	10	8	8	5	6	12	16	10	15	11	13	11	17	23	8	11
20	8	4	4	1	8	6	7	5	10	12	10	8	5	6	5	11	M	11	10	14	11	7	24	14	9
21	10	15	10	8	3	8	7	8	10	6	7	6	5	4	7	M	M	7	9	5	5	3	2	2	7
22	1	2	5	1	2	3	2	3	5	9	11	6	5	6	5	5	7	7	2	1	2	2	2	2	4
23	1	M	1	1	2	0	2	4	7	6	5	5	3	3	3	4	5	5	3	1	2	2	2	3	3
24	2	0	0	1	1	1	2	3	6	17	6	9	6	6	7	9	10	11	33	8	4	4	4	1	6
25	2	1	4	4	6	9	4	4	5	11	8	8	5	5	6	8	9	6	3	8	1	0	0	1	5
26	0	0	1	1	0	0	1	3	2	13	7	4	5	5	4	3	2	2	1	1	1	0	3	3	3
27	9	4	2	0	1	0	0	2	2	4	8	12	10	6	5	7	6	2	3	1	0	0	1	1	4
28	1	1	0	2	1	3	2	5	8	13	9	5	6	4	6	7	6	9	4	3	4	4	6	4	5
29	4	5	4	1	3	3	2	4	4	13	9	6	4	4	7	2	2	5	4	4	2	2	4	2	4
30	4	3	6	4	4	4	3	3	4	3	3	5	8	5	8	5	5	4	4	5	3	3	2	2	4

MONTHLY STATISTICS:

ARITH-----PERCENTILES-----RANGE-----													STN GEOM	PERCENT	NO. OF TIMES		
GEOM	MEAN	MEDIAN	50	90	95	98	99	1-HR	24-HR	DEVIATION	VALID DATA	ABOVE	LIMIT LEVEL				
	8	8	11	8	22	35	50	63	0	-	87	3	-	34	2	98	0

- NOTES: 1. FLAGS FOR INVALID DATA :
- D: DYNAMIC CALIBRATION
 - T: TELEMETRY/DATALOGGR FAULT
 - M: MAINTENANCE OR ANALYZER FAULT
 - P: POWER FAILURE

THE HONGKONG ELECTRIC COMPANY, LTD.
AIR QUALITY DATA MONTHLY TIME SERIES REPORT
MONTH: JUNE

STATION : AP LEI CHAU
POLLUTANT : SULPHUR DIOXIDE

YEAR : 2024
UNIT : MICROGRAMS/CUBIC METER

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	3	3	3	3	3	3	3	3	3
2	3	3	3	3	3	3	3	4	4	4	5	4	6	5	6	6	5	5	4	4	4	4	4	4	4
3	4	5	4	5	4	3	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
4	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	3	3	3	3	3	3	2	2
5	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
6	2	2	2	2	2	2	2	3	2	4	6	4	3	3	5	4	3	3	3	3	3	2	2	3	3
7	2	3	3	2	2	2	2	2	2	2	3	2	3	2	3	3	2	2	2	2	2	2	2	3	2
8	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	2	2	2	2	2	3	3	3	3	2
9	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	3	3	3	3	3
10	3	3	3	3	3	3	3	3	4	6	5	5	6	4	4	4	5	4	4	4	3	3	4	4	4
11	4	5	4	4	5	4	4	4	4	6	4	4	3	3	3	4	4	3	3	3	3	3	3	3	4
12	3	3	3	3	3	4	5	4	3	4	4	4	3	3	4	3	3	3	3	3	3	3	3	3	3
13	3	3	3	3	3	3	3	4	4	3	3	3	3	3	3	3	4	3	3	3	3	3	3	3	3
14	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
15	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	3	3	3	4	3
16	6	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	5	3
17	4	4	4	3	3	3	4	3	3	3	3	3	4	3	4	3	4	4	3	4	3	3	4	4	3
18	4	3	3	3	3	3	4	4	4	4	5	4	3	3	4	5	3	3	3	4	3	3	3	4	4
19	4	3	3	3	3	3	3	4	5	4	4	4	3	4	3	3	4	3	3	3	3	5	9	4	4
20	3	3	3	3	4	3	3	7	6	5	3	4	3	4	5	4	3	4	4	4	3	7	17	4	5
21	4	5	3	3	4	11	6	5	4	4	5	5	5	4	5	4	3	3	3	3	3	3	3	3	4
22	3	3	3	3	3	3	4	5	5	5	5	5	5	4	4	4	4	3	3	3	3	3	3	3	4
23	3	3	3	3	3	4	4	5	4	4	5	4	3	4	3	3	3	3	2	3	3	3	3	3	3
24	3	3	3	3	3	3	3	3	4	3	3	4	4	4	4	4	4	3	3	3	3	3	4	3	3
25	3	3	3	4	3	4	3	4	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3	3	4
26	3	3	3	3	3	3	3	3	4	4	4	6	4	4	4	4	4	3	2	3	3	3	3	3	3
27	3	3	3	3	3	3	3	3	3	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3
28	3	3	3	3	4	3	4	4	6	4	5	5	5	4	5	4	4	3	3	3	3	3	4	3	4
29	3	4	3	3	3	3	3	4	5	6	4	3	3	4	3	4	4	4	4	4	3	4	4	4	4
30	4	3	3	3	3	3	4	3	3	3	4	3	3	4	3	4	3	4	4	4	3	3	3	3	3

MONTHLY STATISTICS:

GEOM	ARITH-----PERCENTILES-----										RANGE-----		STN GEOM	PERCENT	NO. OF TIMES	
MEAN	MEDIAN	MEAN	50	90	95	98	99	1-HR	24-HR	DEVIATION	VALID DATA	ABOVE	LIMIT	LEVEL		
3	3	3	3	4	5	6	6	2	-	17	2	-	5	1	100	0

NOTES:

1. FLAGS FOR INVALID DATA :
 - D: DYNAMIC CALIBRATION
 - T: TELEMETRY/DATALOGGR FAULT
 - M: MAINTENANCE OR ANALYZER FAULT
 - P: POWER FAILURE

THE HONGKONG ELECTRIC COMPANY, LTD.
AIR QUALITY DATA MONTHLY TIME SERIES REPORT

STATION : AP LEI CHAU
POLLUTANT : NITROGEN DIOXIDE

MONTH: JUNE

YEAR : 2024
UNIT : MICROGRAMS/CUBIC METER

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	6	5	4	7	5	12	10	9	16	9	3	5	11	7	16	11	12	10	7	12	7	7	17	9
2	16	4	8	6	15	11	19	28	33	23	26	26	28	23	27	37	26	34	19	15	18	16	20	18	21
3	25	24	21	41	20	7	7	9	9	11	14	14	14	12	8	9	9	8	6	5	3	3	3	3	12
4	3	3	3	4	3	3	4	5	5	6	6	6	8	8	7	7	8	8	8	7	5	6	7	5	6
5	5	5	5	4	4	5	5	9	8	9	11	11	11	10	11	16	17	20	18	14	18	16	17	12	11
6	10	8	8	7	6	10	14	19	24	39	43	27	7	13	31	39	20	12	18	20	13	5	4	5	17
7	5	4	4	4	4	5	5	6	6	6	7	8	7	6	7	7	9	8	10	11	8	7	5	6	6
8	5	4	4	3	5	9	10	14	12	17	16	17	14	10	8	7	8	12	14	6	7	9	11	7	10
9	5	9	9	5	4	5	6	12	16	7	13	7	19	7	4	6	4	5	4	5	6	4	5	10	7
10	5	4	6	7	16	11	7	7	13	16	15	14	20	9	15	14	15	21	20	14	9	5	21	11	12
11	13	M	22	24	22	27	19	20	11	24	9	8	5	6	9	10	12	9	12	21	7	14	10	8	14
12	10	6	7	6	8	19	26	15	12	14	15	14	10	7	11	7	7	12	11	18	14	17	10	5	12
13	12	6	11	14	8	20	21	20	20	16	13	13	11	13	13	11	18	15	12	8	18	7	5	12	13
14	16	8	5	6	5	4	11	15	12	9	7	17	11	10	15	13	12	22	4	6	5	14	13	4	10
15	4	6	4	3	3	3	4	10	24	20	17	15	19	5	8	16	4	4	9	13	9	16	18	25	11
16	50	21	10	7	11	16	14	19	8	7	5	3	4	8	3	3	4	6	6	18	10	7	17	32	12
17	22	22	23	16	23	17	20	6	10	7	7	10	8	9	5	11	7	12	10	15	8	9	10	16	13
18	13	13	7	11	8	5	16	18	11	12	16	7	4	5	9	23	9	8	5	12	12	22	13	23	12
19	25	11	11	7	7	10	14	9	15	9	6	15	6	8	8	8	11	8	7	8	13	22	38	13	12
20	7	4	4	7	11	9	7	8	13	12	6	5	6	10	11	14	10	11	13	8	10	15	38	7	10
21	16	16	14	11	19	21	13	8	9	8	15	14	9	9	10	9	8	13	17	14	13	6	5	4	12
22	5	10	11	8	10	5	8	5	4	6	9	11	8	6	6	6	7	6	8	6	7	6	6	3	7
23	5	3	6	6	4	10	12	14	15	10	14	6	4	5	3	3	4	6	4	4	6	10	9	6	7
24	4	3	3	7	5	5	7	3	10	5	6	11	14	11	12	10	9	10	6	10	6	9	15	6	8
25	8	M	13	17	6	18	5	9	5	6	10	10	8	8	10	10	16	16	17	17	7	1	3	9	10
26	4	5	5	7	8	5	6	5	5	6	6	4	4	2	2	4	4	4	3	4	4	4	3	8	5
27	18	13	5	4	4	4	4	4	4	4	3	2	2	1	2	5	4	4	5	2	3	4	6	5	5
28	4	5	5	9	11	6	7	8	13	9	12	7	12	8	13	10	10	8	8	18	15	10	14	10	10
29	11	10	9	8	11	12	10	12	14	19	11	9	8	9	8	11	13	9	12	8	7	7	9	8	10
30	7	4	4	5	6	6	7	4	8	7	7	5	8	6	7	7	11	16	9	8	7	4	5	5	7

MONTHLY STATISTICS:

GEOM	ARITH-----PERCENTILES-----							-----RANGE-----				STN GEOM	PERCENT	NO. OF TIMES		
MEAN	MEDIAN	MEAN	50	90	95	98	99	1-HR			24-HR	DEVIATION	VALID DATA	ABOVE LIMIT LEVEL		
9	9	10	9	18	22	27	36	1	-	50	5	-	21	2	100	0

NOTES:

1. FLAGS FOR INVALID DATA :
 - D: DYNAMIC CALIBRATION
 - T: TELEMETRY/DATALOGGR FAULT
 - M: MAINTENANCE OR ANALYZER FAULT
 - P: POWER FAILURE

THE HONGKONG ELECTRIC COMPANY, LTD.
AIR QUALITY DATA MONTHLY TIME SERIES REPORT
MONTH: JUNE

STATION : CHEUNG CHAU
POLLUTANT : SULPHUR DIOXIDE

YEAR : 2024
UNIT : MICROGRAMS/CUBIC METER

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	8	3
2	4	3	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	8	3
3	3	3	3	3	3	3	3	3	2	3	3	2	2	3	3	2	2	2	2	2	2	2	3	2	3
4	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	9	2
5	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	4	7	2
6	4	3	3	3	3	2	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	6	3
7	3	3	3	3	2	2	3	2	2	2	2	2	3	2	2	2	2	2	2	3	2	2	2	12	3
8	3	3	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	9	2
9	3	3	3	2	2	2	2	2	3	2	2	2	3	2	3	3	2	2	2	2	2	2	2	10	3
10	4	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	10	3
11	4	4	3	3	3	3	2	2	2	3	2	3	2	2	2	2	2	2	3	3	3	3	2	8	3
12	4	3	3	3	3	3	3	3	3	3	2	2	3	2	2	3	3	3	3	3	3	3	3	25	4
13	10	6	4	4	4	4	3	3	3	3	3	3	3	3	3	2	2	3	3	3	3	3	3	M	4
14	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	29	4
15	15	9	6	5	5	4	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	M	4
16	5	4	4	4	4	3	3	3	3	3	3	2	2	3	3	3	3	2	2	2	2	3	3	16	4
17	6	4	4	4	3	3	3	3	3	3	3	2	2	3	3	3	3	2	3	2	3	3	3	21	4
18	11	8	7	5	4	3	4	4	4	3	3	3	3	3	3	2	3	2	3	3	3	3	3	10	4
19	6	4	3	3	3	4	4	4	4	3	3	3	3	3	3	3	2	2	2	2	3	4	4	23	4
20	9	6	5	4	4	3	3	3	3	3	3	2	2	2	2	2	3	2	2	2	2	2	2	12	3
21	4	4	3	3	2	2	2	2	2	2	M	M	8	M	M	M	0	0	0	0	0	0	0	0	2
22	0	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
23	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
24	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
25	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
26	M	M	M	M	M	M	M	M	M	M	M	M	8	6	17	12	16	10	10	9	9	10	9	28	
27	14	10	9	10	12	13	12	14	19	23	27	20	23	28	39	47	47	30	17	15	16	16	17	32	21
28	19	18	18	17	16	17	16	18	16	18	28	21	26	30	42	56	M	2	0	0	0	0	0	3	17
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0
30	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	5	0

MONTHLY STATISTICS:

GEOM		ARITH-----PERCENTILES-----							RANGE-----		STN GEOM	PERCENT	NO. OF TIMES			
MEAN	MEDIAN	MEAN	50	90	95	98	99	1-HR	24-HR	DEVIATION	VALID DATA	ABOVE LIMIT LEVEL				
3	3	4	3	9	17	27	30	0	-	56	0	-	21	2	84	0

NOTES:

1. FLAGS FOR INVALID DATA :
 - D: DYNAMIC CALIBRATION
 - T: TELEMETRY/DATALOGGR FAULT
 - M: MAINTENANCE OR ANALYZER FAULT
 - P: POWER FAILURE

THE HONGKONG ELECTRIC COMPANY, LTD.
AIR QUALITY DATA MONTHLY TIME SERIES REPORT
MONTH: JUNE

STATION : CHEUNG CHAU
POLLUTANT : NITROGEN DIOXIDE

YEAR : 2024
UNIT : MICROGRAMS/CUBIC METER

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	2	5	2	4	2	1	2	4	5	6	19	4	1	3	7	22	1	14	4
3	13	2	2	5	11	5	0	0	0	1	5	5	3	2	4	2	7	6	6	10	2	2	1	1	4
4	0	0	0	0	0	0	0	0	0	5	3	1	1	5	13	6	8	10	6	1	2	5	9	10	4
5	8	M	5	6	7	9	7	7	7	9	11	17	10	8	6	6	25	37	38	37	27	50	10	16	16
6	10	11	2	4	5	8	30	22	34	30	33	8	4	2	1	3	6	1	2	3	7	4	1	5	10
7	12	1	0	3	10	9	0	2	7	7	8	5	4	5	7	6	7	6	5	26	11	3	2	3	6
8	4	2	0	1	1	1	1	5	4	6	6	4	1	7	16	5	0	0	1	0	3	6	17	10	4
9	3	6	14	10	7	6	4	3	1	4	12	22	11	10	33	6	2	1	2	3	8	21	14	24	9
10	15	5	2	11	22	22	11	3	0	0	1	0	0	1	0	0	0	1	3	10	9	18	11	10	6
11	31	33	16	7	4	6	10	2	4	1	0	0	0	0	0	0	2	8	2	6	6	3	6	1	6
12	4	1	2	0	4	6	13	14	11	4	0	0	0	0	0	0	0	2	0	1	8	11	11	2	4
13	1	3	1	1	4	4	7	5	2	2	4	0	1	0	0	0	0	0	1	7	3	4	2	M	2
14	2	1	1	1	0	0	0	0	0	0	0	2	6	2	0	1	6	9	9	4	4	5	2	0	2
15	0	0	0	2	0	0	0	0	2	4	8	5	3	0	0	2	1	3	1	1	5	11	28	M	3
16	42	43	37	19	25	46	31	29	14	4	1	1	0	0	0	0	0	3	2	6	5	7	7	3	14
17	10	14	19	14	1	4	0	2	3	0	0	0	0	0	0	0	0	0	3	1	0	0	0	0	3
18	0	1	1	1	1	5	10	2	0	0	0	0	0	0	0	0	0	1	0	1	4	1	0	4	1
19	1	M	4	4	2	2	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1
20	0	0	1	0	0	1	3	0	0	0	0	0	0	0	1	0	0	0	0	0	3	0	0	0	0
21	0	0	0	2	1	5	3	4	1	0	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
22	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
23	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
24	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
25	6	10	6	5	7	5	4	3	3	4	3	1	1	1	1	2	2	1	0	3	2	16	34	27	6
26	44	42	35	35	34	36	33	12	6	5	9	8	4	7	6	6	5	12	8	9	4	5	16	34	17
27	33	24	25	29	22	11	6	9	8	7	6	3	2	1	2	5	7	2	5	5	3	9	11	5	10
28	3	7	1	3	6	4	9	8	1	4	8	0	1	1	1	1	1	2	5	10	8	16	9	4	5
29	3	2	7	2	30	8	9	22	23	11	3	4	3	4	5	6	13	11	4	5	4	4	6	3	8
30	4	5	7	4	3	5	3	5	3	3	4	4	3	5	3	2	5	6	5	5	6	6	4	5	4

MONTHLY STATISTICS:

GEOM	ARITH-----PERCENTILES-----										RANGE-----		STN GEOM	PERCENT	NO. OF TIMES	
MEAN	MEDIAN	MEAN	50	90	95	98	99	1-HR		24-HR		DEVIATION	VALID DATA	ABOVE	LIMIT	LEVEL
5	3	6	3	14	26	34	38	0	-	50	0	-	17	3	89	0

- NOTES: 1. FLAGS FOR INVALID DATA :
- D: DYNAMIC CALIBRATION
 - T: TELEMETRY/DATALOGGR FAULT
 - M: MAINTENANCE OR ANALYZER FAULT
 - P: POWER FAILURE

Appendix C Summary Results on Water Quality Monitoring

LAMMA POWER STATION FGD WASTEWATER TREATMENT PLANT EFFLUENT DISCHARGE TO ASH LAGOON SUSPENDED SOLIDS AND PH

Period : April - June 2024

Week Ending	No. of Samples	Suspended Solids, mg/L			pH		
		Maximum	Minimum	Average	Maximum	Minimum	Average
06/04/24	3*	13	6	10	8.5	8.4	8.4
13/04/24	2*	6	6	6	8.6	8.5	8.5
20/04/24	0*	N/A	N/A	N/A	N/A	N/A	N/A
27/04/24	1*	11	11	11	8.2	8.2	8.2
04/05/24	3*	19	7	13	8.3	8.2	8.3
11/05/24	3*	11	9	9	8.2	8.0	8.1
18/05/24	3*	21	5	12	8.2	8.2	8.2
25/05/24	3*	15	12	14	8.3	8.2	8.2
01/06/24	5*	11	6	8	8.3	8.2	8.2
08/06/24	3*	11	6	8	8.2	8.1	8.1
15/06/24	4*	14	8	11	8.4	8.2	8.3
22/06/24	3*	14	7	11	8.5	8.3	8.4
29/06/24	5*	18	10	14	8.7	8.3	8.5

Remark :

* - No sampling for the remaining day(s) of the week / no sampling due to no discharge

**LAMMA POWER STATION
FGD WASTEWATER TREATMENT PLANT
EFFLUENT DISCHARGE TO ASH LAGOON
TRACE METAL, TOTAL PHOSPHORUS
AND TOTAL NITROGEN ANALYSIS**

Period : April – June 2024

Sampling date		12/4/2024	8/5/2024	5/6/2024
Barium,	ug/L	<150	<150	<150
Mercury,	ug/L	<0.5	<0.5	<0.5
Cadmium,	ug/L	1.4	<1.0	<1.0
Iron,	ug/L	<400	<400	<400
Total Phosphorous,	mg/L	<0.8	<0.8	<0.8
Total Nitrogen,	mg/L	95	45	34
Cyanide,	mg/L	<0.01	<0.01	<0.01

Remark:

According to the WPCO Ash Lagoon Discharge Licence, contents at exact levels of trace metals below 1/10th of the WPCO Licence permitted limits will not be reported. When the concentration of a metal exceeds 1/10th of the limit, the exact value of the metal concentration will be reported.

Appendix D Summary of EMIS

EM&A Log Ref.	Mitigation Measures	Implementation Status
	GENERAL	
A1	No other process, except the Wet Limestone-Gypsum process used in the FGD plants of the coal-fired Units L6, L7 and L8 within the Lamma Power Station, shall be used in the FGD plants for the projects unless otherwise agreed by EPD.	Complied
	WATER QUALITY	
B1	All wastewater arising from the operation of the projects shall be collected and directed to the existing wastewater treatment plant within the Lamma Power Station for treatment.	Complied
B2	The operational plant effluent from the FGD plants should be reused as much as possible in order to minimise discharge to the WWTP.	Complied
B3	Maintenance of the WWTP should be performed regularly to ensure the effluent from the WWTP would not exceed the current requirements stipulated in the WPCO licence for Ash Lagoon.	Complied
	WASTE	
C1	No gypsum or sludge arising from the operation of the projects shall be disposed of anywhere. All gypsum and sludge shall be collected and reused.	Complied
	NOISE	
D1	Equipment including the Absorber Recirculation Pump, Oxidation Air Blower, Booster Fan and Booster Fan Motor of the FGD plants shall be acoustically insulated and the Gas-Gas Heater (untreated side) of the FGD plants shall be provided with reinforced lagging to reduce the noise impact.	Complied