

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

January – March 2017

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
(January to March 2016)

Date 21 June 2017


Certified by 
(Mr. IP Tat-Yan, 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 January to March 2017.

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

Units L2, L4 and L5 were out of service during the following period:

| Unit | Period | Remark |
|------|--------------------------------------|-------------------------------|
| L2 | 27/02/2017 20:42 to 1/03/2017 05:30 | Defect rectification |
| L2 | 27/03/2017 00:01 to 31/03/2017 23:59 | Unit overhaul |
| L4 | 13/02/2017 23:56 to 18/02/2017 05:57 | Defect rectification |
| L4 | 12/03/2017 06:46 to 12/03/2017 15:26 | Removal of condensate venturi |
| L5 | 14/01/2017 23:17 to 15/01/2017 07:28 | Defect rectification |

Malfunction/Outage Records of Pollution Control Equipment

Major outages of the Pollution Control Equipment during the reporting period are listed below:

| Equipment | Period | Cause | Actions Taken |
|-----------|--------------------------------------|---|--------------------------------|
| L5 FGD | 22/02/2017 23:28 to 03/03/2017 01:04 | Defect rectification and total system washing | EPD was informed on 06/03/2017 |
| L2 FGD | 06/03/2017 07:31 to 06/03/2017 13:08 | Defect rectification | EPD was informed on 09/03/2017 |
| L4 FGD | 25/03/2017 21:14 to 26/03/2017 22:38 | 275 kV Busbar 2 outage | EPD was informed on 28/03/2017 |

| Equipment | Period | Cause | Actions Taken |
|-----------|---|------------------------|-----------------------------------|
| L5 FGD | 25/03/2017 21:20 to 26/03/2017 22:49 | 275 kV Busbar 2 outage | EPD was informed on 28/03/2017 |

For other minor outages, please refer to section 1.4 of the report.

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(11) | 01/01/2017 | 31/12/2018 | HK Electric | 22/12/2016 |
| WPCO discharge licence for Ash Lagoon | WT00011131-2011 | 15/12/2011 | 31/12/2016 | HK Electric | 15/12/2011 |
| WPCO discharge licence for Ash Lagoon | WT00027218-2017 | 24/02/2017 | 31/12/2021 | HK Electric | 24/02/2017 |

Implementation Status of Environmental Mitigation Measures

Environmental mitigation measures were implemented in the reporting period.

Environmental Complaints

There was no environmental complaint against the operation of Lamma Power Station during the reporting period.

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.

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 January to March 2017.

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

Units L2, L4 and L5 were out of service during the following period:

| Unit | Period | Remark |
|------|------------------------------------|-------------------------------|
| L2 | 27/2/2017 20:42 to 1/3/2017 05:30 | Defect rectification |
| L2 | 27/3/2017 00:01 to 31/3/2017 23:59 | Unit overhaul |
| L4 | 13/2/2017 23:56 to 18/2/2017 05:57 | Defect rectification |
| L4 | 12/3/2017 06:46 to 12/3/2017 15:26 | Removal of condensate venturi |
| L5 | 14/1/2017 23:17 to 15/1/2017 07:28 | Defect rectification |

1.4 Malfunction/Outage Records of Pollution Control Equipment

| Equipment | Period | Cause | Actions Taken |
|-----------|---------------------------------------|----------------------------|----------------------------------|
| L4 FGD | 07/01/2017 2:05 to 07/01/2017 2:08 | Routine damper exercise | EPD was informed on 11/1/2017 |
| L5 FGD | 07/01/2017 2:13 to 07/01/2017 2:16 | Routine damper exercise | EPD was informed on 11/1/2017 |
| L2 FGD | 13/01/2017 2:49 to 13/01/2017 2:52 | Routine damper exercise | EPD was informed on 16/1/2017 |
| L4 FGD | 14/01/2017 2:40 to 14/01/2017 2:54 | Routine damper exercise | EPD was informed on 16/1/2017 |

| Equipment | Period | Cause | Actions Taken |
|-----------|---|---|----------------------------------|
| L4 FGD | 21/01/2017 2:42 to 21/01/2017 2:47 | Routine damper exercise | EPD was informed on 23/1/2017 |
| L4 FGD | 05/02/2017 01:26 to 05/02/2017 01:33 | Routine damper exercise | EPD was informed on 06/2/2017 |
| L5 FGD | 05/02/2017 01:48 to 05/02/2017 01:55 | Routine damper exercise | EPD was informed on 06/2/2017 |
| L4 FGD | 11/02/2017 2:38 to 11/02/2017 2:43 | Routine damper exercise | EPD was informed on 15/2/2017 |
| L5 FGD | 11/02/2017 02:47 to 11/02/2017 02:54 | Routine damper exercise | EPD was informed on 15/2/2017 |
| L2 FGD | 11/02/2017 02:59 to 11/02/2017 03:04 | Routine damper exercise | EPD was informed on 15/2/2017 |
| L4 FGD | 26/02/2017 04:08 to 26/02/2017 04:18 | Routine damper exercise | EPD was informed on 3/3/2017 |
| L5 FGD | 22/02/2017 23:28 to 03/03/2017 01:04 | Defect rectification and total system washing | EPD was informed on 6/3/2017 |
| L4 FGD | 05/03/2017 00:06 to 05/03/2017 00:09 | Routine damper exercise | EPD was informed on 6/3/2017 |
| L5 FGD | 05/03/2017 01:20 to 05/03/2017 01:24 | Routine damper exercise | EPD was informed on 6/3/2017 |
| L2 FGD | 06/03/2017 07:31 to 06/03/2017 13:08 | Defect rectification | EPD was informed on 9/3/2017 |
| L5 FGD | 11/03/2017 02:38 to 11/03/2017 02:43 | Routine damper exercise | EPD was informed on 15/3/2017 |
| L4 FGD | 18/03/2017 02:46 to 18/03/2017 02:56 | Routine damper exercise | EPD was informed on 22/3/2017 |
| L5 FGD | 18/03/2017 03:01 to 18/03/2017 03:14 | Routine damper exercise | EPD was informed on 22/3/2017 |
| L4 FGD | 25/03/2017 21:14 to 26/03/2017 22:38 | 275kV Busbar 2 outage | EPD was informed on 28/3/2017 |
| L5 FGD | 25/03/2017 21:20 to 26/03/2017 22:49 | 275 kV Busbar 2 outage | EPD was informed on 28/3/2017 |

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.

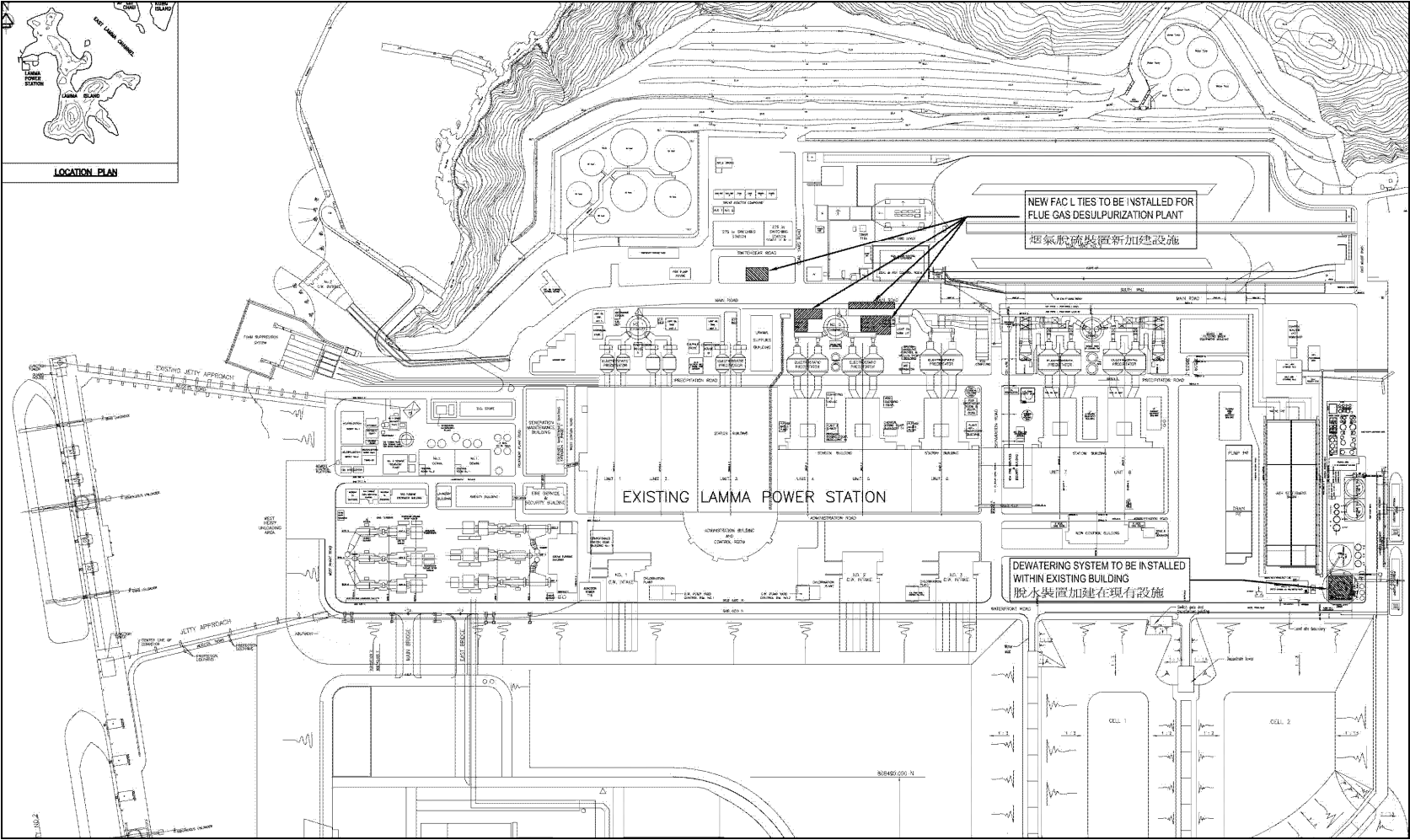


Figure 1.1a Location of New Facilities for L4 & L5 FGD Plants

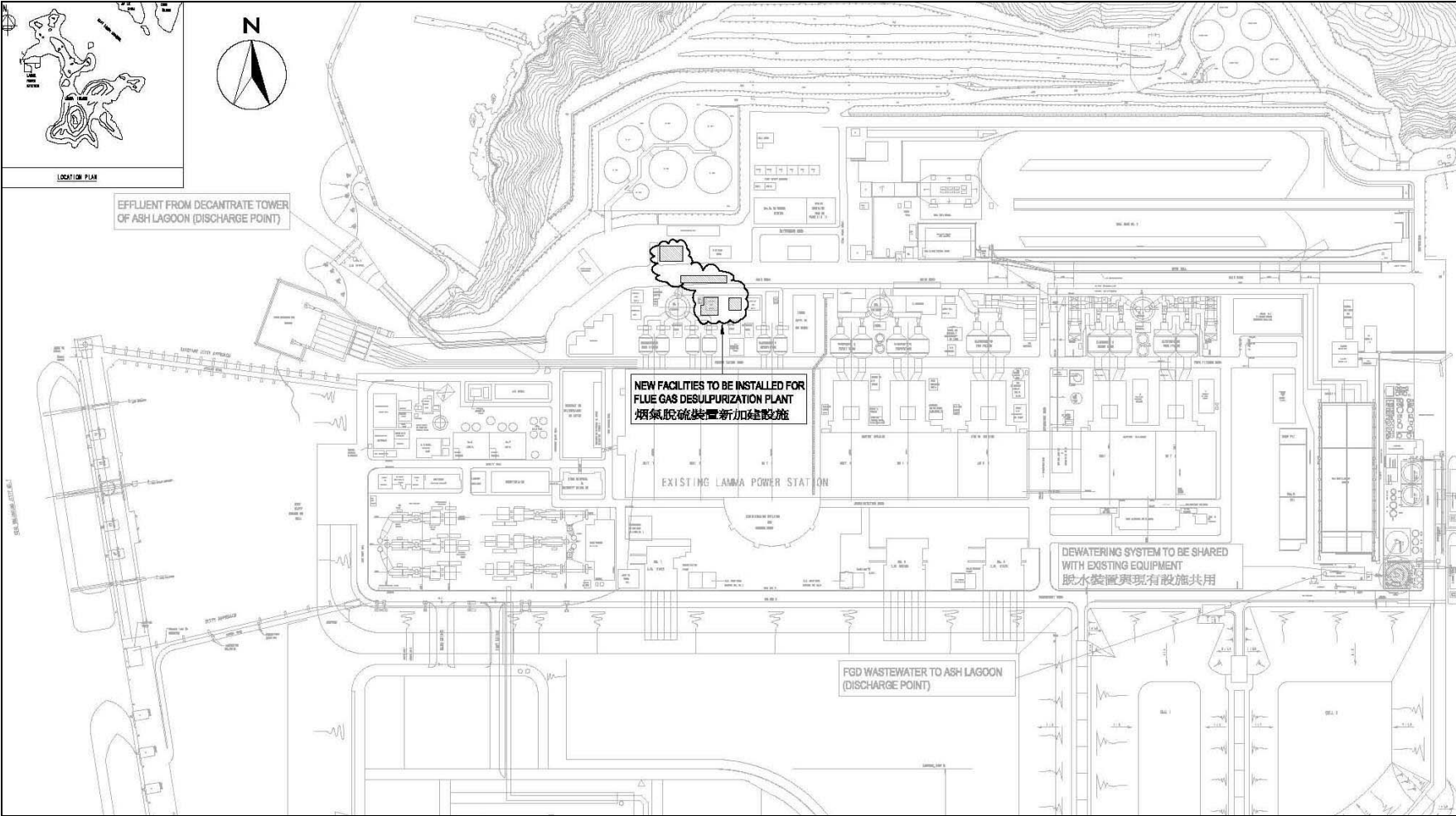


Figure 1.1b Location of New Facilities for L2 FGD Plant

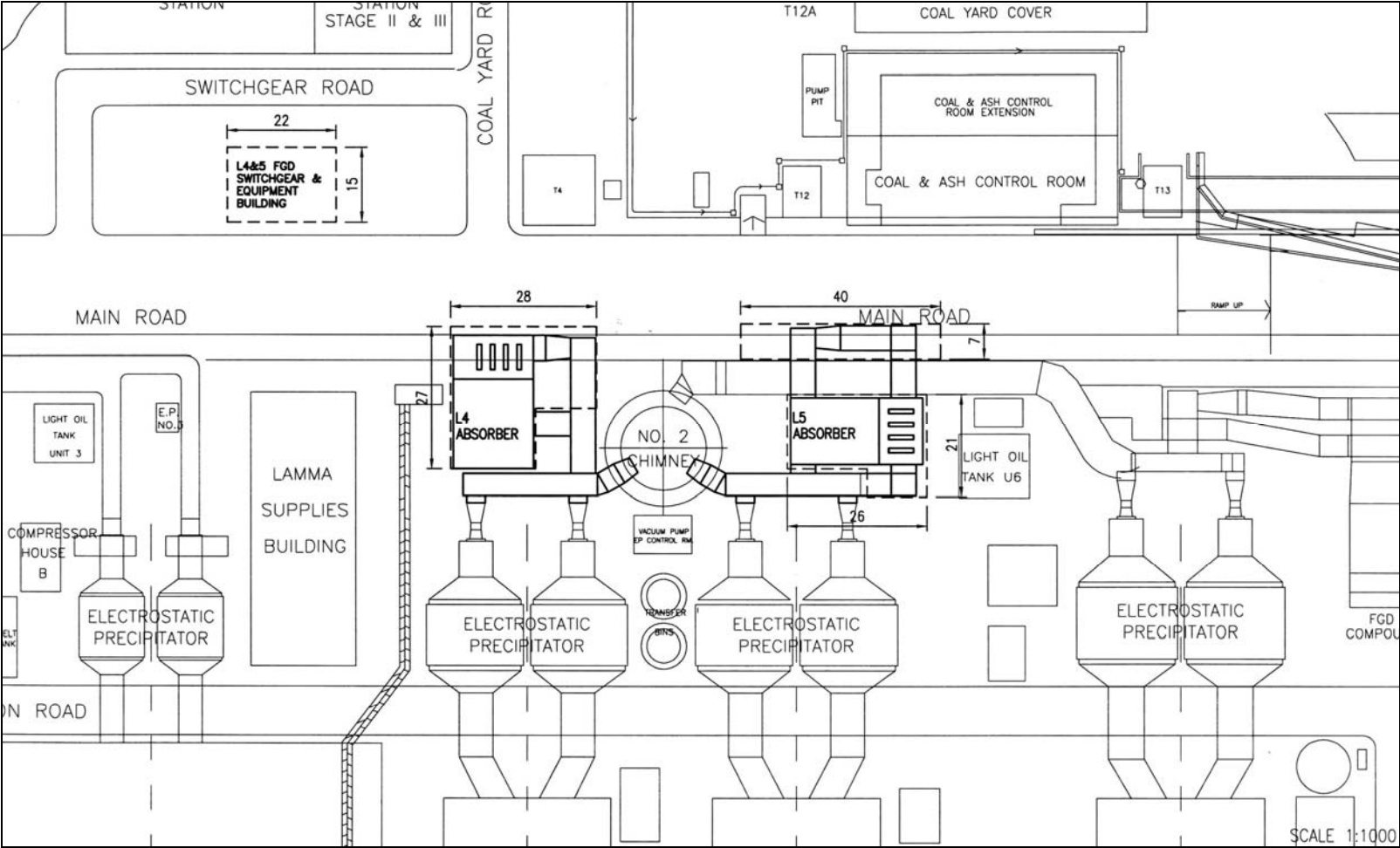


Figure 1.2a General Arrangement of L4 & L5 FGD Plants

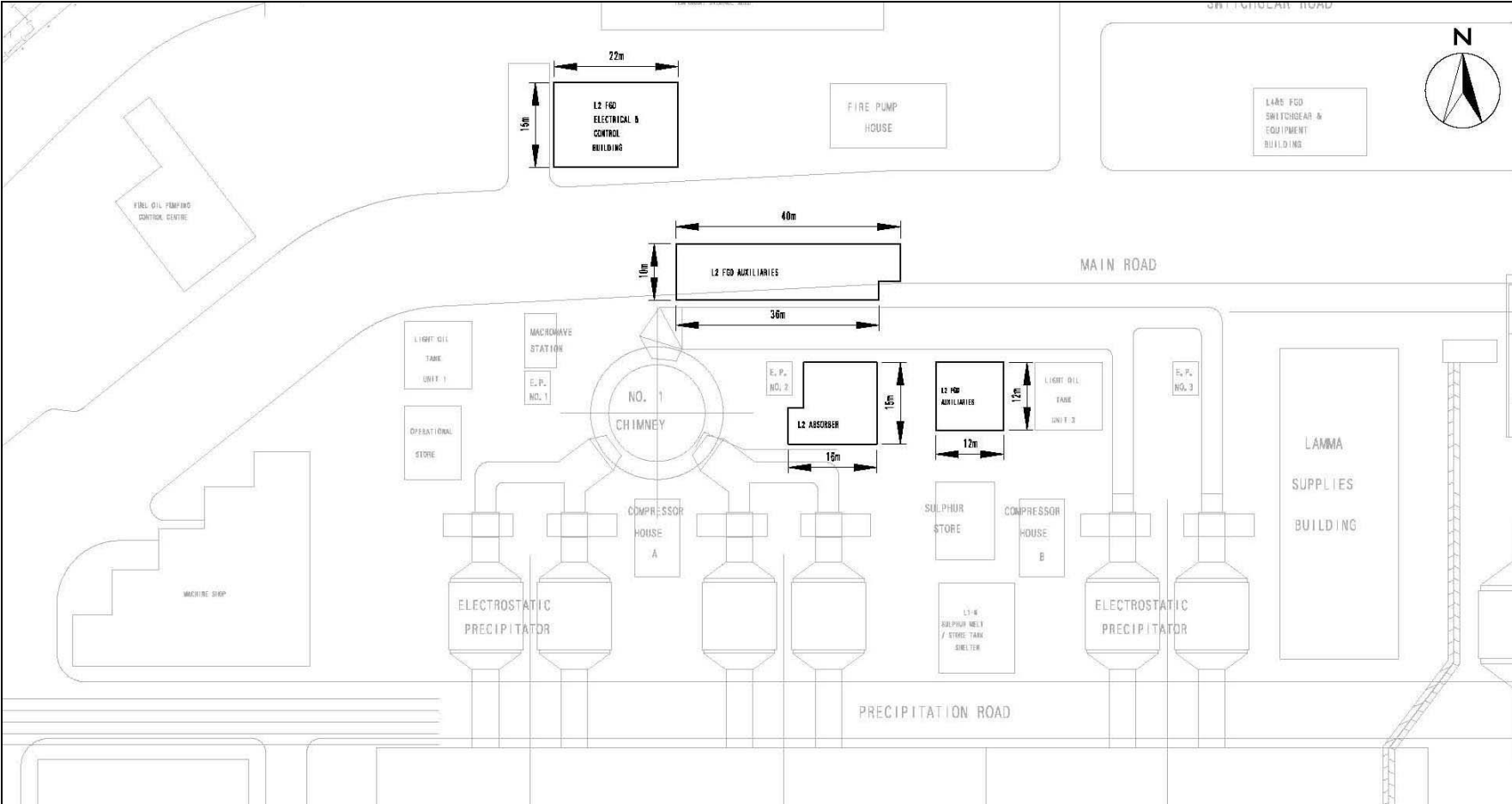


Figure 1.2b General Arrangement of L2 FGD Plant

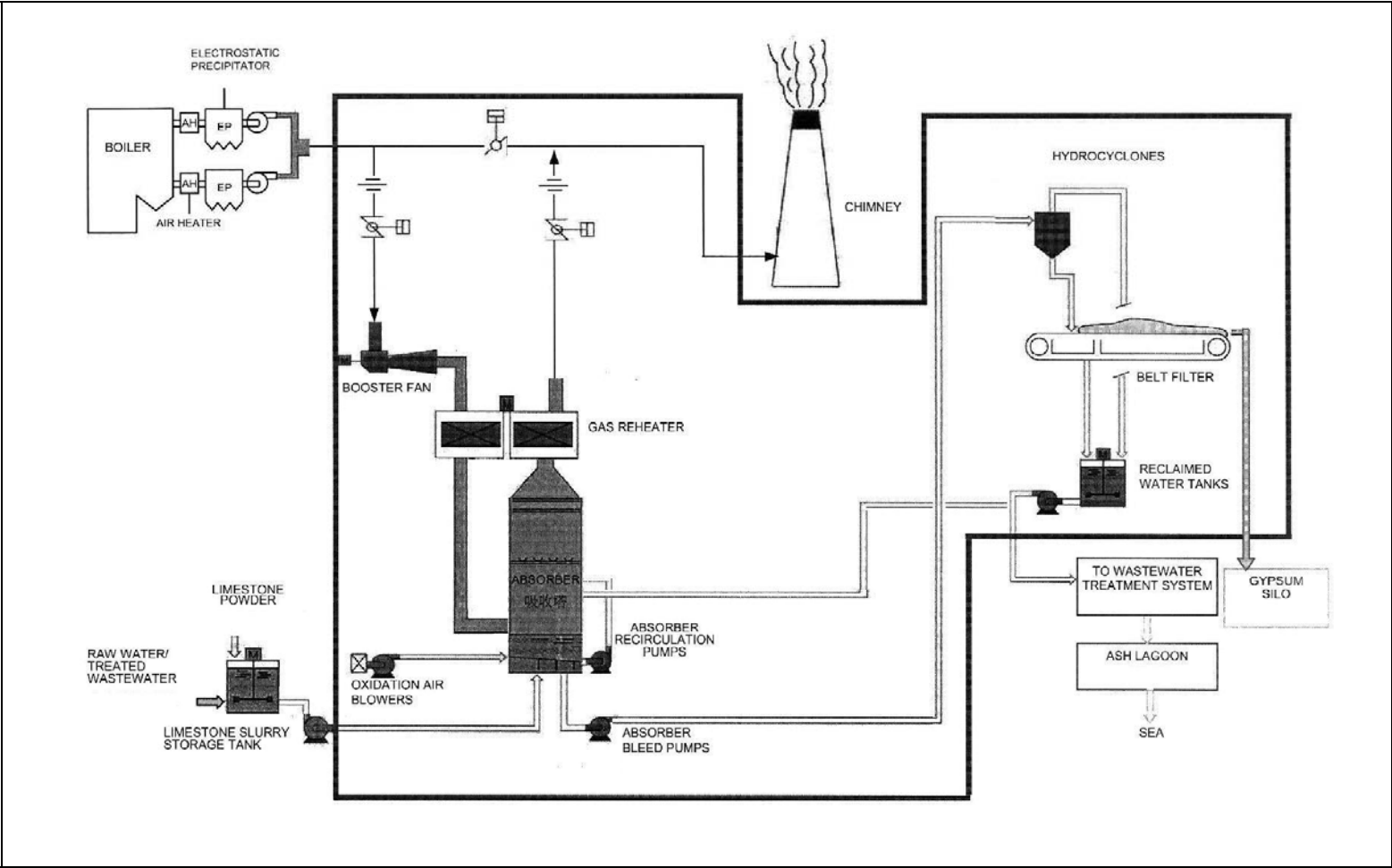


Figure 1.3 Schematic Diagram of the L2, L4 & L5 FGD Plant

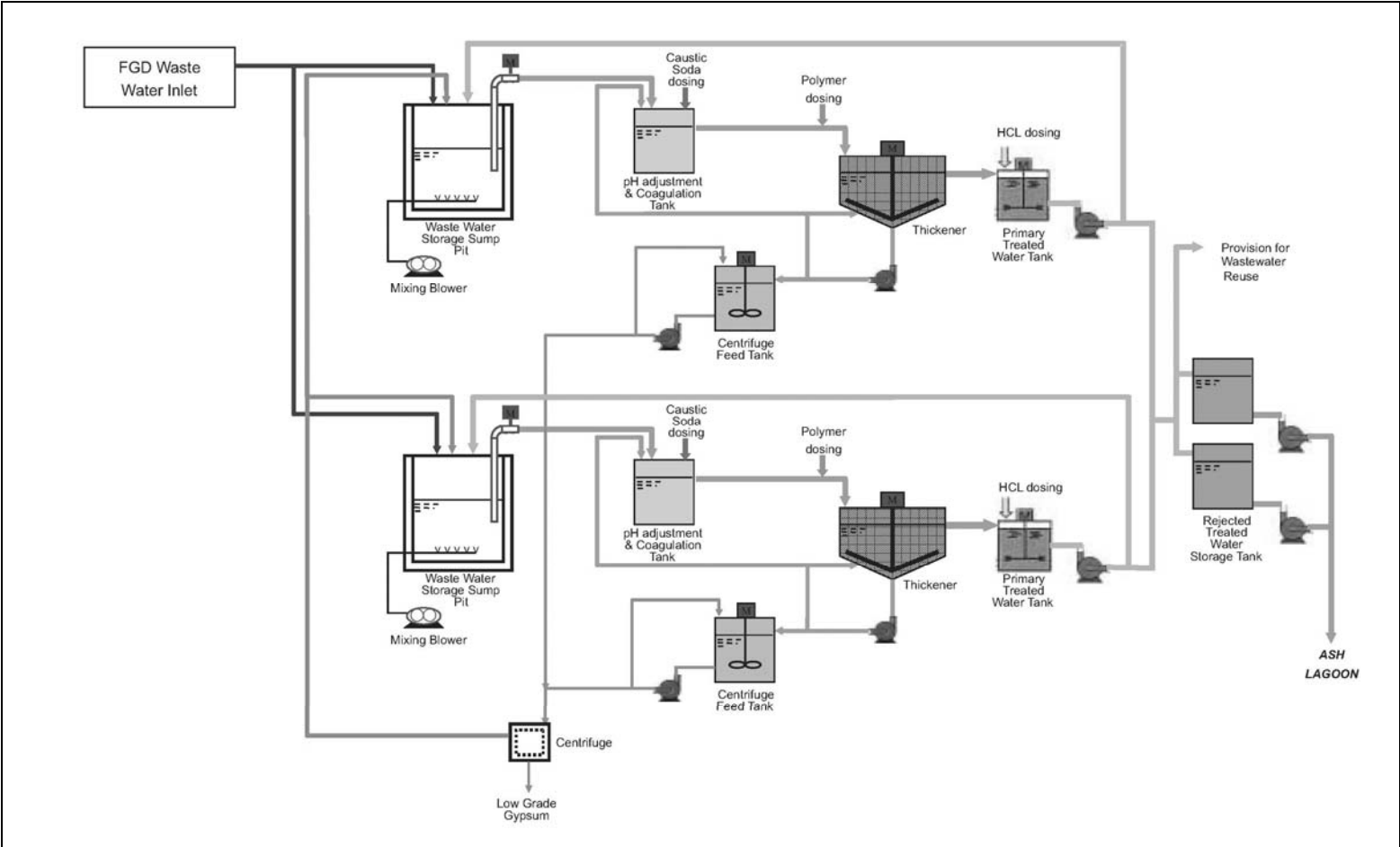


Figure 1.4 Simplified Schematic Diagram of FGD Wastewater Treatment Plant

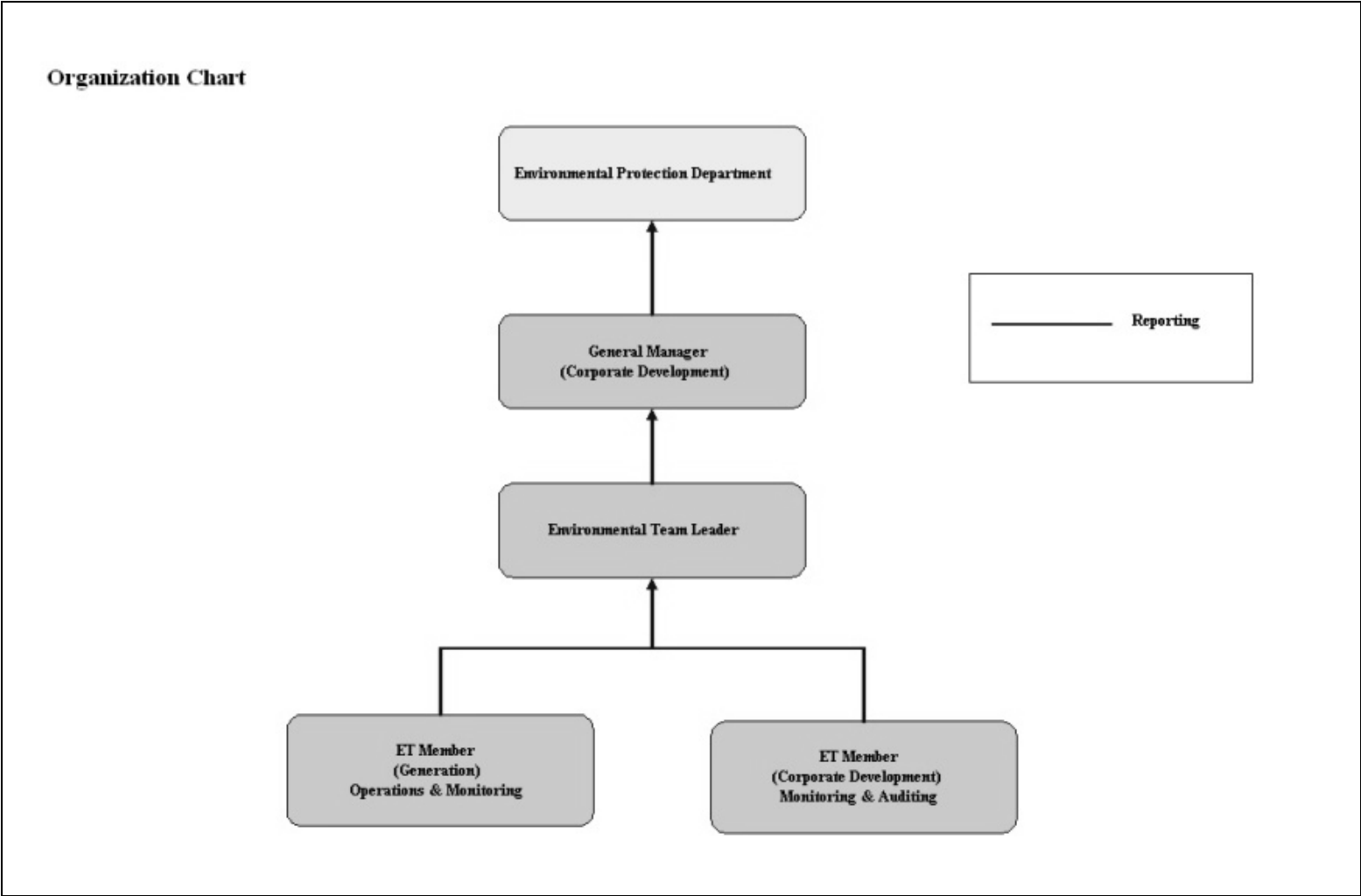


Figure 1.5 Organization Structure at Operational Phase of the Projects

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. 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 and checked against the Action/Limit Levels 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) | Total Suspended Particulate | Once every six days |
| 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. Ambient air monitoring at Ap Lei Chau was temporary suspended since 1/6/2016 for the replacement of the aged shelter of the station. Site installation work was completed in end December 2016 and the station resumed its operation on 1/1/2017. 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. | 01/01/17 31/03/17 | N.A. | 0 | No PM sampling test was conducted in the reporting period. |
| 2 | Continuous monitoring of opacity, NO _x , SO ₂ and CO ₂ in the flue gas at the chimney stacks | 01/01/17 31/03/17 | 0 | 0 | |
| 3 | TSP monitoring at Lamma Power Station Boundary (ie East Gate and Reservoir). | 01/01/17 31/03/17 | 0 | 0 | |
| 4 | Ambient SO ₂ & NO _x monitoring at the Peak, Queen Mary Hospital, Victoria Road, Chung Hom Kok, Ap Lei Chau and | 01/01/17 31/03/17 | 0 | 0 | |

| Item | Parameter Monitored | Monitoring Period | No. of Exceedances In | | Event/Action Plan Implementation Status and Results |
|-------|-----------------------------------|----------------------|-----------------------|-------------|---|
| | | | Action Level | Limit Level | |
| | Cheung Chau. | | | | |
| Water | | | | | |
| 1 | pH in WWTP Effluent | 01/01/17 31/03/17 | 0 | 0 | |
| 2 | Suspended Solids in WWTP Effluent | 01/01/17 31/03/17 | 0 | 0 | |
| 3 | Iron in WWTP Effluent | 01/01/17 31/03/17 | 0 | 0 | |
| 4 | Barium in WWTP Effluent | 01/01/17 31/03/17 | 0 | 0 | |
| 5 | Mercury in WWTP Effluent | 01/01/17 31/03/17 | 0 | 0 | |
| 6 | Cadmium in WWTP Effluent | 01/01/17 31/03/17 | 0 | 0 | |
| 7 | Cyanide in WWTP Effluent | 01/01/17 31/03/17 | 0 | 0 | |
| 8 | Total Phosphorus in WWTP Effluent | 01/01/17 31/03/17 | 0 | 0 | |
| 9 | Total Nitrogen in WWTP Effluent | 01/01/17 31/03/17 | 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 |
|---------------|----------------------------|----------------------------|
| January 2017 | 3040.0 MT | 0 MT |
| February 2017 | 4739.7 MT | 154.63 MT |
| March 2017 | 5985.4 MT | 0 MT |

4.3 Status of Environmental Licensing and Permitting

All permits/licenses obtained as of March 2017 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(11) | 01/01/2017 | 31/12/2018 | Valid |
| WPCO discharge licence for Ash Lagoon | WT00011131-2011 | 15/12/2011 | 31/12/2016 | Superseded |
| WPCO discharge licence for Ash Lagoon | WT00027218-2017 | 24/02/2017 | 31/12/2021 | 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 no environmental complaint against the operation of Lamma Power Station.

Table 4.4 Environmental Complaint(s) Received

| Case Reference / Date, Time Received / Date, Time Concerned | Descriptions / Actions Taken | Conclusion / Status |
|---|---------------------------------|------------------------|
| Nil | N/A | N/A |

Table 4.5 Outstanding Environmental Complaint(s) Carried Over

| Case Reference / Date, Time Received / Date, Time Concerned | Descriptions / Actions Taken | Conclusion / Status |
|---|---------------------------------|------------------------|
| Nil | N/A | N/A |

5. FUTURE KEY ISSUES

5.1 Outage Plan for the coming 3 months

| Unit / Equipment | Period | Remark |
|---------------------|--------------------------|---------------|
| L2 | 01/04/2017 to 24/04/2017 | Unit Overhaul |

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.

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 March 2017. 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.

There was no environmental complaint against the operation of Lamma Power Station during the reporting period.

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 Particulate (Opacity) SO ₂ NO _x expressed as NO ₂ (For L4 and L5 only) | once/year continuous continuous continuous | 50 mg/Nm ³ 40% (bihourly) 200 mg/Nm ³ (1h) 615 mg/Nm ³ (1h) | - 35 190 585 | 50 40 200 615 | ET Leader informs Generation Division at action level. Maintenance initiated. Temporary load shift until pollution control equipment repaired and reinstated. Report to EPD. |
| Fugitive dust (Coal, PFA, limestone, gypsum) | TSP | Once every six days. | 260 (µg/m ³) (24 hours) | - | 260 | Investigation of sources and additional dust suppression to be employed at Limit level. Frequency of monitoring to be increased as necessary. |
| Chimney emissions | Ambient air SO ₂ NO ₂ | Continuous at existing ambient air monitoring stations | 800 (µg/m ³) (1h) 300 (µg/m ³) (1h) | - - | 800 300 | ET to review data on post-hoc basis and check for possible power station contribution. |

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 Total Suspended Particulate Monitoring at Lamma Power Station

Date: First Quarter of 2017 (January - March)

| DATE | TSP CONCENTRATION ($\mu\text{g}/\text{m}^3$) | | WEATHER INFORMATION (from Hong Kong Observatory) | | |
|------------|---|-----------|---|---|------------------|
| | Reservoir | East Gate | Mean Wind Speed (km/hr) | Prevailing Wind Dir. ($^{\circ}$) | Mean R.H. (%) |
| 04/01/2017 | 49 | 41 | 27.7 | 070 | 80 |
| 10/01/2017 | 67 | 56 | 36.6 | 070 | 80 |
| 16/01/2017 | 41 | 40 | 35.5 | 070 | 80 |
| 22/01/2017 | 75 | 87 | 18.8 | 020 | 58 |
| 28/01/2017 | 46 | (1) | 30.4 | 060 | 79 |
| 01/02/2017 | - | 49 | 23.9 | 060 | 80 |
| 03/02/2017 | 37 | 45 | 31.4 | 070 | 76 |
| 09/02/2017 | 79 | 89 | 39.9 | 010 | 56 |
| 15/02/2017 | 36 | 38 | 28.3 | 060 | 62 |
| 21/02/2017 | 43 | 39 | 35.5 | 060 | 90 |
| 27/02/2017 | 63 | 53 | 33.6 | 070 | 66 |
| 05/03/2017 | 53 | 50 | 15.9 | 040 | 83 |
| 11/03/2017 | 30 | 28 | 31.7 | 060 | 88 |
| 17/03/2017 | 45 | 58 | 34.4 | 060 | 86 |
| 23/03/2017 | 43 | 57 | 16.3 | 050 | 84 |
| 29/03/2017 | 85 | 73 | 27.7 | 060 | 84 |

Note: (1) Breakdown of High Volume Air Sampler

| | |
|--------------|----------------------------------|
| | TSP ($\mu\text{g}/\text{m}^3$) |
| Action Level | - |
| Limit Level | 260 |

Equipment used: Reservoir & East Gate : High Volume Air Sampler

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 (%) |
| 1/1/2017 | 44 | 393 | 10 |
| 2/1/2017 | 45 | 375 | 18 |
| 3/1/2017 | 36 | 343 | 21 |
| 4/1/2017 | 52 | 386 | 22 |
| 5/1/2017 | 58 | 381 | 25 |
| 6/1/2017 | 39 | 384 | 24 |
| 7/1/2017 | 32 | 380 | 17 |
| 8/1/2017 | 51 | 372 | 24 |
| 9/1/2017 | 44 | 371 | 24 |
| 10/1/2017 | 48 | 406 | 23 |
| 11/1/2017 | 42 | 418 | 24 |
| 12/1/2017 | 44 | 420 | 25 |
| 13/1/2017 | 52 | 444 | 22 |
| 14/1/2017 | 45 | 375 | 20 |
| 15/1/2017 | 40 | 336 | 24 |
| 16/1/2017 | 45 | 412 | 17 |
| 17/1/2017 | 35 | 472 | 17 |
| 18/1/2017 | 44 | 508 | 17 |
| 19/1/2017 | 50 | 416 | 19 |
| 20/1/2017 | 38 | 403 | 18 |
| 21/1/2017 | 37 | 445 | 19 |
| 22/1/2017 | 36 | 434 | 18 |
| 23/1/2017 | 36 | 357 | 19 |
| 24/1/2017 | 50 | 373 | 18 |
| 25/1/2017 | 44 | 374 | 18 |
| 26/1/2017 | 51 | 390 | 20 |
| 27/1/2017 | 52 | 402 | 22 |
| 28/1/2017 | 43 | 425 | 19 |
| 29/1/2017 | 46 | 410 | 20 |
| 30/1/2017 | 54 | 451 | 26 |
| 31/1/2017 | 68 | 392 | 24 |

| Date | Daily Maximum | | |
|-----------|---------------------------------|------------------------------------|----------------|
| | SO2 concentration (mg/Nm3) # | NOx concentration (mg/Nm3) # | Opacity (%) |
| 1/2/2017 | 48 | 422 | 24 |
| 2/2/2017 | 40 | 395 | 22 |
| 3/2/2017 | 47 | 442 | 26 |
| 4/2/2017 | 46 | 325 | 28 |
| 5/2/2017 | 37 | 328 | 26 |
| 6/2/2017 | 38 | 334 | 27 |
| 7/2/2017 | 59 | 482 | 22 |
| 8/2/2017 | 70 | 426 | 28 |
| 9/2/2017 | 48 | 435 | 21 |
| 10/2/2017 | 50 | 403 | 21 |
| 11/2/2017 | 56 | 422 | 24 |
| 12/2/2017 | 47 | 399 | 23 |
| 13/2/2017 | 54 | 415 | 24 |
| 14/2/2017 | 50 | 388 | 12 |
| 15/2/2017 | 45 | 437 | 12 |
| 16/2/2017 | 52 | 367 | 25 |
| 17/2/2017 | 25 | 317 | 23 |
| 18/2/2017 | 32 | 254 | 18 |
| 19/2/2017 | 36 | 299 | 22 |
| 20/2/2017 | 30 | 453 | 19 |
| 21/2/2017 | 34 | 357 | 20 |
| 22/2/2017 | 41 | 414 | 18 |
| 23/2/2017 | FGD Plant Outage | 406 | 6 |
| 24/2/2017 | FGD Plant Outage | 402 | 7 |
| 25/2/2017 | FGD Plant Outage | 433 | 6 |
| 26/2/2017 | FGD Plant Outage | 335 | 6 |
| 27/2/2017 | FGD Plant Outage | 356 | 5 |
| 28/2/2017 | FGD Plant Outage | 391 | 6 |

| Date | Daily Maximum | | |
|-----------|--|---|----------------|
| | SO2 concentration (mg/Nm3) [#] | NOx concentration (mg/Nm3) [#] | Opacity (%) |
| 1/3/2017 | FGD Plant Outage | 325 | 5 |
| 2/3/2017 | FGD Plant Outage | 357 | 13 |
| 3/3/2017 | 36 | 385 | 28 |
| 4/3/2017 | 41 | 415 | 23 |
| 5/3/2017 | 35 | 405 | 22 |
| 6/3/2017 | 31 | 368 | 23 |
| 7/3/2017 | 43 | 381 | 25 |
| 8/3/2017 | 35 | 321 | 21 |
| 9/3/2017 | 41 | 306 | 22 |
| 10/3/2017 | 35 | 265 | 22 |
| 11/3/2017 | 32 | 307 | 20 |
| 12/3/2017 | 42 | 359 | 23 |
| 13/3/2017 | 32 | 359 | 26 |
| 14/3/2017 | 41 | 376 | 20 |
| 15/3/2017 | 56 | 390 | 21 |
| 16/3/2017 | 49 | 402 | 23 |
| 17/3/2017 | 47 | 397 | 23 |
| 18/3/2017 | 41 | 390 | 22 |
| 19/3/2017 | 40 | 410 | 18 |
| 20/3/2017 | 30 | 385 | 24 |
| 21/3/2017 | 36 | 419 | 25 |
| 22/3/2017 | 37 | 402 | 20 |
| 23/3/2017 | 44 | 401 | 21 |
| 24/3/2017 | 36 | 443 | 21 |
| 25/3/2017 | 38 | 368 | 21 |
| 26/3/2017 | 34 | 447 | 19 |
| 27/3/2017 | 41 | 455 | 22 |
| 28/3/2017 | 38 | 429 | 21 |
| 29/3/2017 | 40 | 383 | 21 |
| 30/3/2017 | 42 | 458 | 21 |
| 31/3/2017 | 37 | 440 | 20 |

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

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 (%) |
| 1/1/2017 | 17 | 490 | 12 |
| 2/1/2017 | 20 | 504 | 18 |
| 3/1/2017 | 27 | 454 | 20 |
| 4/1/2017 | 32 | 461 | 22 |
| 5/1/2017 | 42 | 464 | 21 |
| 6/1/2017 | 36 | 429 | 22 |
| 7/1/2017 | 44 | 439 | 23 |
| 8/1/2017 | 65 | 419 | 25 |
| 9/1/2017 | 48 | 398 | 24 |
| 10/1/2017 | 54 | 380 | 24 |
| 11/1/2017 | 58 | 484 | 14 |
| 12/1/2017 | 8 | 484 | 14 |
| 13/1/2017 | 10 | 488 | 12 |
| 14/1/2017 | 39 | 422 | 13 |
| 15/1/2017 | 18 | 299 | 13 |
| 16/1/2017 | 23 | 496 | 13 |
| 17/1/2017 | 21 | 437 | 12 |
| 18/1/2017 | 27 | 398 | 11 |
| 19/1/2017 | 35 | 484 | 20 |
| 20/1/2017 | 37 | 493 | 12 |
| 21/1/2017 | 32 | 393 | 14 |
| 22/1/2017 | 54 | 442 | 16 |
| 23/1/2017 | 55 | 437 | 15 |
| 24/1/2017 | 47 | 344 | 22 |
| 25/1/2017 | 26 | 453 | 20 |
| 26/1/2017 | 29 | 414 | 19 |
| 27/1/2017 | 34 | 502 | 16 |
| 28/1/2017 | 37 | 439 | 12 |
| 29/1/2017 | 32 | 422 | 13 |
| 30/1/2017 | 57 | 408 | 14 |
| 31/1/2017 | 34 | 317 | 15 |

| Date | Daily Maximum | | |
|-----------|--|---|----------------|
| | SO2 concentration (mg/Nm3) [#] | NOx concentration (mg/Nm3) [#] | Opacity (%) |
| 1/2/2017 | 35 | 404 | 15 |
| 2/2/2017 | 40 | 385 | 16 |
| 3/2/2017 | 28 | 402 | 17 |
| 4/2/2017 | 27 | 268 | 16 |
| 5/2/2017 | 12 | 311 | 16 |
| 6/2/2017 | 13 | 365 | 14 |
| 7/2/2017 | 46 | 415 | 14 |
| 8/2/2017 | 19 | 373 | 11 |
| 9/2/2017 | 22 | 450 | 12 |
| 10/2/2017 | 24 | 466 | 16 |
| 11/2/2017 | 15 | 434 | 14 |
| 12/2/2017 | 18 | 421 | 17 |
| 13/2/2017 | 26 | 350 | 18 |
| 14/2/2017 | * | * | * |
| 15/2/2017 | * | * | * |
| 16/2/2017 | * | * | * |
| 17/2/2017 | * | * | * |
| 18/2/2017 | 23 | 281 | 15 |
| 19/2/2017 | 38 | 312 | 20 |
| 20/2/2017 | 46 | 274 | 21 |
| 21/2/2017 | 32 | 324 | 21 |
| 22/2/2017 | 32 | 325 | 19 |
| 23/2/2017 | 44 | 377 | 24 |
| 24/2/2017 | 55 | 441 | 18 |
| 25/2/2017 | 39 | 490 | 18 |
| 26/2/2017 | 52 | 462 | 20 |
| 27/2/2017 | 63 | 487 | 29 |
| 28/2/2017 | 57 | 487 | 29 |

| Date | Daily Maximum | | |
|-----------|--|---|----------------|
| | SO2 concentration (mg/Nm3) [#] | NOx concentration (mg/Nm3) [#] | Opacity (%) |
| 1/3/2017 | 44 | 456 | 19 |
| 2/3/2017 | 36 | 550 | 25 |
| 3/3/2017 | 30 | 483 | 19 |
| 4/3/2017 | 37 | 456 | 17 |
| 5/3/2017 | 39 | 421 | 16 |
| 6/3/2017 | 35 | 372 | 19 |
| 7/3/2017 | 40 | 404 | 18 |
| 8/3/2017 | 24 | 319 | 16 |
| 9/3/2017 | 41 | 429 | 27 |
| 10/3/2017 | 49 | 371 | 24 |
| 11/3/2017 | 19 | 410 | 19 |
| 12/3/2017 | * | * | * |
| 13/3/2017 | 30 | 293 | 25 |
| 14/3/2017 | 21 | 385 | 21 |
| 15/3/2017 | 29 | 391 | 18 |
| 16/3/2017 | 27 | 438 | 17 |
| 17/3/2017 | 19 | 434 | 19 |
| 18/3/2017 | 11 | 416 | 19 |
| 19/3/2017 | 14 | 353 | 12 |
| 20/3/2017 | 23 | 448 | 21 |
| 21/3/2017 | 28 | 435 | 22 |
| 22/3/2017 | 16 | 387 | 18 |
| 23/3/2017 | 30 | 430 | 23 |
| 24/3/2017 | 25 | 502 | 15 |
| 25/3/2017 | 19 | 509 | 26 |
| 26/3/2017 | 15 | 452 | 14 |
| 27/3/2017 | 45 | 471 | 22 |
| 28/3/2017 | 21 | 449 | 22 |
| 29/3/2017 | 19 | 421 | 24 |
| 30/3/2017 | 19 | 429 | 22 |
| 31/3/2017 | 16 | 433 | 20 |

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 | |
|-----------|---|----------------|
| | SO ₂ concentration (mg/Nm ³) [#] | Opacity (%) |
| 1/1/2017 | 40 | 10 |
| 2/1/2017 | * | * |
| 3/1/2017 | 57 | 10 |
| 4/1/2017 | 45 | 14 |
| 5/1/2017 | 48 | 15 |
| 6/1/2017 | 59 | 13 |
| 7/1/2017 | 58 | 11 |
| 8/1/2017 | 55 | 11 |
| 9/1/2017 | 59 | 13 |
| 10/1/2017 | 52 | 14 |
| 11/1/2017 | 54 | 14 |
| 12/1/2017 | 57 | 13 |
| 13/1/2017 | 57 | 12 |
| 14/1/2017 | 47 | 12 |
| 15/1/2017 | 34 | 11 |
| 16/1/2017 | 46 | 12 |
| 17/1/2017 | 39 | 11 |
| 18/1/2017 | 38 | 11 |
| 19/1/2017 | 45 | 11 |
| 20/1/2017 | 41 | 11 |
| 21/1/2017 | 33 | 11 |
| 22/1/2017 | 51 | 11 |
| 23/1/2017 | 46 | 12 |
| 24/1/2017 | 36 | 11 |
| 25/1/2017 | 54 | 13 |
| 26/1/2017 | 47 | 12 |
| 27/1/2017 | 43 | 11 |
| 28/1/2017 | * | * |
| 29/1/2017 | * | * |
| 30/1/2017 | 61 | 12 |
| 31/1/2017 | 62 | 11 |

| Date | Daily Maximum | |
|-----------|--|----------------|
| | SO2 concentration (mg/Nm3) [#] | Opacity (%) |
| 1/2/2017 | 30 | 12 |
| 2/2/2017 | 39 | 12 |
| 3/2/2017 | 34 | 11 |
| 4/2/2017 | 32 | 11 |
| 5/2/2017 | * | * |
| 6/2/2017 | 28 | 14 |
| 7/2/2017 | 49 | 11 |
| 8/2/2017 | 50 | 11 |
| 9/2/2017 | 56 | 13 |
| 10/2/2017 | 34 | 11 |
| 11/2/2017 | 37 | 11 |
| 12/2/2017 | * | * |
| 13/2/2017 | * | * |
| 14/2/2017 | 40 | 13 |
| 15/2/2017 | 35 | 13 |
| 16/2/2017 | 42 | 13 |
| 17/2/2017 | 38 | 12 |
| 18/2/2017 | 62 | 12 |
| 19/2/2017 | 50 | 13 |
| 20/2/2017 | 53 | 13 |
| 21/2/2017 | 55 | 15 |
| 22/2/2017 | 49 | 16 |
| 23/2/2017 | 73 | 15 |
| 24/2/2017 | 72 | 16 |
| 25/2/2017 | 73 | 17 |
| 26/2/2017 | * | * |
| 27/2/2017 | 69 | 15 |
| 28/2/2017 | * | * |

| Date | Daily Maximum | |
|-----------|--|----------------|
| | SO2 concentration (mg/Nm3) [#] | Opacity (%) |
| 1/3/2017 | 64 | 18 |
| 2/3/2017 | 72 | 21 |
| 3/3/2017 | 70 | 19 |
| 4/3/2017 | 64 | 14 |
| 5/3/2017 | 60 | 14 |
| 6/3/2017 | 77 | 15 |
| 7/3/2017 | 73 | 15 |
| 8/3/2017 | * | * |
| 9/3/2017 | 72 | 16 |
| 10/3/2017 | 67 | 17 |
| 11/3/2017 | 66 | 15 |
| 12/3/2017 | 59 | 16 |
| 13/3/2017 | 54 | 16 |
| 14/3/2017 | 80 | 15 |
| 15/3/2017 | 74 | 16 |
| 16/3/2017 | 52 | 14 |
| 17/3/2017 | 73 | 15 |
| 18/3/2017 | 52 | 13 |
| 19/3/2017 | * | * |
| 20/3/2017 | 55 | 16 |
| 21/3/2017 | 52 | 16 |
| 22/3/2017 | 57 | 14 |
| 23/3/2017 | 54 | 16 |
| 24/3/2017 | 52 | 17 |
| 25/3/2017 | 70 | 14 |
| 26/3/2017 | * | * |
| 27/3/2017 | * | * |
| 28/3/2017 | * | * |
| 29/3/2017 | * | * |
| 30/3/2017 | * | * |
| 31/3/2017 | * | * |

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

| Unit | Date | Results (mg/Nm ³) |
|------|------------|-------------------------------|
| L2 | 22/03/2017 | 12 |

Monitoring Equipment: APEX model XC-522-V (Manual stack sampling system)

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: JANUARY

STATION : VICTORIA PEAK
POLLUTANT : SULPHUR DIOXIDE

YEAR : 2017
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 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 2 | 2 | 3 | 3 | 3 | 4 | 3 | 2 | 2 | 2 | 2 | 1 | 2 |
| 2 | 1 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 3 | 3 | 2 | 2 | 2 | 1 | 1 | 2 | 3 | 4 | 4 | 5 | 16 | 9 | 6 | 3 | 3 |
| 3 | 3 | 3 | 6 | 13 | 8 | 5 | 6 | 6 | 4 | 3 | 3 | 2 | 1 | 1 | 2 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 3 |
| 4 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 4 | 4 | 3 | 3 | 3 | 4 | 2 |
| 5 | 4 | 3 | 3 | 3 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 1 | 1 | 4 | 1 | 1 | 1 | 3 | 2 |
| 6 | 1 | 3 | 2 | 1 | 2 | 3 | 6 | 7 | 7 | 8 | 7 | 5 | 2 | 2 | 1 | 0 | 2 | 1 | 3 | 4 | 2 | 1 | 1 | 0 | 3 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 2 | 4 | 2 | 1 | 1 | 0 | 0 | 1 | 1 |
| 8 | 2 | 2 | 2 | 1 | 0 | 1 | 2 | 2 | 4 | 6 | 5 | 6 | 32 | 25 | 25 | 31 | 25 | 15 | 22 | 19 | 16 | 9 | 15 | 10 | 12 |
| 9 | 5 | 5 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 2 | 2 | 3 | 4 | 3 | 3 | 3 | 3 | 2 | 3 | 2 | 2 | 1 | 1 | 2 | 3 |
| 10 | 2 | 2 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 2 | 2 | 1 |
| 11 | 3 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 3 | 4 | 4 | 3 | 4 | 3 | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 2 | 2 | 3 |
| 12 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 5 | 3 | 3 | 3 | 3 | 6 | 5 | 3 | 1 | 3 |
| 13 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 2 | 2 | 1 | 3 | 3 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 1 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 1 | 0 |
| 15 | 1 | 2 | 3 | 2 | 3 | 2 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 1 |
| 16 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 1 | 2 | 1 | 1 |
| 17 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 1 | 2 | 2 | 3 | 6 | 4 | 2 | 2 |
| 18 | 2 | 1 | 1 | 1 | 2 | 2 | 1 | 2 | 2 | 3 | 2 | 2 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 1 |
| 19 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 2 | 8 | 10 | 18 | 12 | 13 | 15 | 15 | 12 | 11 | 9 | 7 | 6 |
| 20 | 5 | 6 | 5 | 2 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 2 | 1 | 3 | 11 | 3 | 2 | 1 | 2 | 2 | 3 | 1 | 1 | 1 | 2 |
| 21 | 0 | 0 | 0 | 0 | 0 | 1 | 4 | 4 | 4 | 7 | 1 | 5 | 14 | 19 | 8 | 7 | 16 | 12 | 5 | 8 | 7 | 4 | 4 | 5 | 6 |
| 22 | 5 | 4 | 4 | 4 | 5 | 4 | 4 | 4 | 5 | 5 | 5 | 4 | 4 | 3 | 3 | 3 | 8 | 8 | 8 | 11 | 14 | 8 | 5 | 3 | 5 |
| 23 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 4 | 5 | 4 | 4 | 4 | 4 | 4 | 3 | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 3 |
| 24 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 4 | 4 | 3 | 4 | 4 | 4 | 3 | 4 | 4 | 3 | 3 | 3 | 4 | 3 | 2 | 0 | 1 | 3 |
| 25 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 4 | 5 | 5 | 4 | 2 | 1 | 1 | 1 | 1 | 1 | 2 |
| 26 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 3 | 3 | 2 | 2 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 3 | 2 | 1 | 1 | 1 | 2 |
| 27 | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 2 | 1 | 1 | 9 | 7 | 19 | 16 | 10 | 12 | 8 | 9 | 16 | 6 | 5 | 3 | 5 |
| 28 | 3 | 3 | 2 | 2 | 2 | 4 | 4 | 4 | 3 | 3 | 4 | 3 | 4 | 3 | 2 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 24 | 0 | 3 |
| 29 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 2 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 2 | 2 | 3 | 4 | 1 | 0 | 0 | 0 | 36 | 0 | 2 |
| 31 | 0 | 0 | 0 | 0 | 0 | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M |

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 | 2 | 3 | 2 | 5 | 9 | 16 | 21 | 0 | - | 36 | 0 | - | 12 | 2 | 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: JANUARY

STATION : VICTORIA PEAK
POLLUTANT : NITROGEN DIOXIDE

YEAR : 2017
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 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 1 | 1 | 3 | 1 | 2 | 7 | 27 | 15 | 19 | 24 | 7 | 6 | 7 | 5 | 6 |
| 2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 3 | 3 | 11 | 6 | 0 | 0 | 6 | 15 | 21 | 45 | 90 | 73 | 101 | 37 | 11 | 5 | 18 |
| 3 | 2 | 1 | 9 | 21 | 10 | 4 | 3 | 21 | 13 | 19 | 7 | 7 | 3 | 7 | 9 | 15 | 15 | 15 | 25 | 14 | 11 | 7 | 5 | 8 | 10 |
| 4 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 3 | 4 | 6 | 7 | 8 | 4 | 7 | 8 | 1 | 9 | 22 | 21 | 18 | 16 | 9 | 12 | 13 | 7 |
| 5 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 27 | 31 | 21 | 10 | 13 | 14 | 20 | 54 | 71 | 61 | 76 | 94 | 59 | 80 | 26 | 16 | 28 |
| 6 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 7 | 8 | 13 | 16 | 14 | 3 | 10 | 0 | 1 | 10 | 7 | 23 | 20 | 4 | 6 | 14 | 10 | 7 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 8 | 22 | 16 | 13 | 12 | 16 | 36 | 44 | 55 | 87 | 57 | 26 | 40 | 11 | 9 | 33 | 20 |
| 8 | 24 | 10 | 10 | 4 | 0 | 11 | 13 | 20 | 29 | 38 | 33 | 26 | 68 | 65 | 64 | 62 | 75 | 61 | 72 | 103 | 92 | 102 | 135 | 125 | 52 |
| 9 | 69 | 9 | 5 | 3 | 5 | 8 | 18 | 40 | 36 | 35 | 30 | 32 | 22 | 23 | 18 | 17 | 20 | 16 | 16 | 8 | 12 | 6 | 3 | 4 | 19 |
| 10 | 3 | 2 | 1 | 1 | 0 | 0 | 1 | 5 | 11 | 10 | 10 | 7 | 3 | 1 | 2 | 5 | 9 | 25 | 21 | 10 | 9 | 10 | 3 | 3 | 6 |
| 11 | 2 | M | 1 | 0 | 0 | 0 | 3 | 17 | 20 | 28 | 13 | 16 | 27 | 18 | 41 | 55 | 62 | 34 | 35 | 28 | 16 | 8 | 12 | 12 | 19 |
| 12 | 5 | 3 | 3 | 1 | 1 | 3 | 4 | 13 | 25 | 23 | 25 | 34 | 32 | 39 | 53 | 74 | 70 | 85 | 84 | 77 | 64 | 61 | 53 | 48 | 37 |
| 13 | 39 | 37 | 33 | 28 | 30 | 16 | 18 | 27 | 41 | 43 | 51 | 53 | 44 | 50 | 59 | 61 | 65 | 64 | 66 | 66 | 59 | 52 | 40 | 35 | 45 |
| 14 | 33 | 23 | 10 | 9 | 8 | 10 | 14 | 22 | 29 | 37 | 26 | 20 | 20 | 19 | 24 | 23 | 23 | 31 | 27 | 31 | 36 | 25 | 20 | 16 | 22 |
| 15 | 13 | 11 | 7 | 5 | 7 | 6 | 8 | 16 | 23 | 27 | 22 | 18 | 20 | 26 | 22 | 27 | 38 | 48 | 44 | 52 | 49 | 45 | 34 | 31 | 25 |
| 16 | 16 | 8 | 6 | 4 | 1 | 1 | 11 | 21 | 27 | 25 | 18 | 20 | 13 | 12 | 19 | 13 | 9 | 11 | 4 | 0 | 1 | 0 | 0 | 0 | 10 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 19 | 24 | 13 | 11 | 15 | 10 | 13 | 10 | 12 | 29 | 4 | 4 | 12 | 8 | 18 | 13 | 5 | 9 |
| 18 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 22 | 19 | 35 | 41 | 43 | 45 | 56 | 51 | 62 | 64 | 74 | 62 | 35 | 31 | 17 | 10 | 28 |
| 19 | 3 | 4 | 1 | 0 | 0 | 0 | 0 | 5 | 8 | 23 | 12 | 26 | 26 | 36 | 53 | 60 | 63 | 74 | 116 | 121 | 112 | 101 | 85 | 67 | 42 |
| 20 | 54 | 49 | 42 | 36 | 22 | 19 | 27 | 32 | 33 | 33 | 34 | 47 | 35 | 38 | 35 | 33 | 26 | 44 | 34 | 45 | 53 | 40 | 30 | 19 | 36 |
| 21 | 18 | 6 | 4 | 2 | 1 | 12 | 22 | 40 | 49 | 49 | 34 | 33 | 39 | 57 | 49 | 37 | 45 | 55 | 90 | 119 | 113 | 70 | 52 | 51 | 44 |
| 22 | 35 | 18 | 20 | 16 | 15 | 6 | 8 | 40 | 37 | 31 | 35 | 26 | 16 | 6 | 4 | 0 | 30 | 27 | 43 | 54 | 72 | 45 | 6 | 22 | 26 |
| 23 | 14 | 3 | 0 | 1 | 1 | 1 | 13 | 29 | 50 | 44 | 37 | 37 | 22 | 16 | 19 | 12 | 19 | 25 | 14 | 9 | 5 | 4 | 3 | 2 | 16 |
| 24 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 15 | 11 | 15 | 23 | 17 | 8 | 7 | 15 | 9 | 15 | 20 | 15 | 14 | 7 | 4 | 0 | 0 | 8 |
| 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 34 | 39 | 42 | 33 | 25 | 21 | 37 | 41 | 56 | 56 | 59 | 23 | 9 | 9 | 9 | 9 | 22 |
| 26 | 4 | 1 | 0 | 0 | 0 | 1 | 5 | 23 | 33 | 30 | 15 | 22 | 22 | 17 | 23 | 25 | 4 | 2 | 3 | 8 | 8 | 7 | 3 | 1 | 11 |
| 27 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 15 | 14 | 20 | 18 | 19 | 32 | 34 | 35 | 29 | 24 | 30 | 75 | 93 | 114 | 15 | 2 | 5 | 24 |
| 28 | 5 | 10 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 2 | 7 | 4 | 3 | 7 | 6 | 9 | 13 | 6 | 5 | 2 | 1 | 1 | 0 | 0 | 4 |
| 29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 4 | 4 | 0 | 3 | 7 | 3 | 7 | 1 | 1 | 6 | 1 | 2 |
| 30 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 10 | 22 | 9 | 22 | 22 | 27 | 42 | 51 | 47 | 63 | 57 | 20 | 8 | 9 | 3 | 0 | 17 |
| 31 | 1 | 0 | 1 | 0 | 0 | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M |

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 | |
| 14 | 13 | 20 | 13 | 54 | 68 | 91 | 110 | 0 | - | 135 | 2 | - | 52 | 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: JANUARY

YEAR : 2017

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 | 0 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 2 | 2 | 2 | 1 | 2 | 2 | 3 | 2 |
| 2 | 2 | 3 | 2 | 3 | 3 | 3 | 3 | 4 | 3 | 4 | 5 | 6 | 5 | 4 | 4 | 4 | 4 | 4 | 3 | 5 | 6 | 8 | 7 | 7 | 4 |
| 3 | 8 | 6 | 6 | 7 | 7 | 8 | 6 | 6 | 4 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 4 |
| 4 | 2 | 2 | 1 | 1 | 1 | 2 | 1 | 2 | 1 | 1 | 2 | 3 | 4 | 3 | 4 | 4 | 4 | 5 | 4 | 4 | 4 | 3 | 3 | 5 | 3 |
| 5 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 6 | 5 | 5 | 2 |
| 6 | 4 | 5 | 4 | 4 | 5 | 7 | 10 | 9 | 7 | 10 | 9 | 5 | 3 | 2 | 3 | 7 | 3 | 7 | 6 | 4 | 2 | 2 | 1 | 2 | 5 |
| 7 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 5 | 2 |
| 8 | 5 | 6 | 5 | 4 | 4 | 34 | 19 | 10 | 20 | 27 | 154 | 93 | 81 | 44 | 24 | 20 | 27 | 30 | 38 | 42 | 27 | 17 | 9 | 11 | 31 |
| 9 | 6 | 7 | 6 | 7 | 6 | 6 | 6 | 5 | 5 | 5 | 5 | 5 | 6 | 5 | 5 | 5 | 4 | 3 | 5 | 5 | 5 | 4 | 5 | 4 | 5 |
| 10 | 3 | 2 | 1 | 2 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 2 | 3 | 2 | 2 |
| 11 | 3 | 3 | 2 | 1 | 2 | 1 | 2 | 2 | 3 | 4 | 4 | 4 | 5 | 4 | 5 | 5 | 6 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 3 |
| 12 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 3 | 4 | 4 | 3 | 3 | 3 | 4 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 3 |
| 13 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 5 | 4 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 14 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 1 |
| 15 | 3 | 4 | 5 | 4 | 4 | 3 | 3 | 3 | 3 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| 16 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 3 | 3 | 2 | 2 | 2 | 1 | 2 | 1 | 1 | 2 | 1 | 2 |
| 17 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 2 | 3 | 5 | 3 | 2 | 2 |
| 18 | 1 | 2 | 1 | 2 | 2 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 0 | 1 | 1 | 1 | 3 | 17 | 11 | 2 | 2 | 2 | 3 |
| 19 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 4 | 6 | 11 | 11 | 10 | 22 | 21 | 12 | 14 | 8 | 6 |
| 20 | 7 | 4 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 8 | 12 | 5 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 2 | 3 |
| 21 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 4 | 3 | 3 | 5 | 4 | 3 | 2 |
| 22 | 3 | 3 | 4 | 4 | 4 | 3 | 3 | 4 | 3 | 4 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 4 | 4 | 4 | 4 | 3 | 3 | 3 |
| 23 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 4 | 6 | 4 | 3 | 4 | 4 | 3 | 3 | 3 | 3 | 2 | 2 | 3 | 2 | 3 | 3 | 3 |
| 24 | 3 | 3 | 3 | 3 | 4 | 4 | 3 | 4 | 4 | 5 | 4 | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 1 | 3 |
| 25 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 3 | 4 | 3 | 4 | 4 | 3 | 3 | 2 | 2 | 2 | 1 | 2 | 2 | 2 |
| 26 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 2 | 2 | 3 | M | M | 2 | 2 | 3 | 2 | 2 | 3 | 2 | 3 | 2 | 2 | 2 | 1 | 2 |
| 27 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 5 | 2 | 2 | 2 | 6 | 6 | 5 | 4 | 7 | 4 | 2 | 3 |
| 28 | 3 | 2 | 2 | 2 | 2 | 4 | 3 | 3 | 3 | 3 | 4 | 4 | 3 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| 29 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 16 | 16 | 7 | 8 | 7 | 4 | 1 | 1 | 1 | 0 | 0 | 1 | 3 |
| 31 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 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 | | |
| 2 | 2 | 3 | 2 | 6 | 8 | 20 | 29 | 0 | - | 154 | 0 | - | 31 | 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: JANUARY

YEAR : 2017

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 | 3 | 5 | 3 | 6 | 2 | 0 | 1 | 0 | 0 | 1 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 4 | 8 | 10 | 6 | 6 | 4 | 5 | 6 | 10 | 12 | 17 | 17 | 47 | 53 | 37 | 10 |
| 3 | 33 | 9 | 3 | 5 | 5 | 3 | 15 | 9 | 3 | 1 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 2 | 1 | 2 | 2 | 0 | 0 | 0 | 4 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 2 | 2 | 1 | 1 | 1 | 1 | 5 | 3 | 2 | 4 | 1 |
| 5 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 8 | 8 | 1 | 0 | 1 | 0 | 14 | 22 | 28 | 31 | 29 | 32 | 25 | 16 | 7 | 9 |
| 6 | 5 | 1 | 0 | 1 | 0 | 3 | 5 | 5 | 5 | 6 | 5 | 1 | 1 | 0 | 2 | 10 | 3 | 7 | 6 | 4 | 3 | 5 | 2 | 6 | 4 |
| 7 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 6 | 6 | 1 | 1 | 1 | 2 | 0 | 0 | 1 |
| 8 | 1 | 2 | 4 | 1 | 2 | 50 | 32 | 25 | 38 | 47 | 87 | 78 | 81 | 59 | 34 | 41 | 62 | 73 | 109 | 95 | 70 | 44 | 24 | 22 | 45 |
| 9 | 9 | 9 | 6 | 5 | 6 | 10 | 14 | 14 | 14 | 14 | 10 | 8 | 13 | 8 | 6 | 11 | 8 | 8 | 8 | 10 | 7 | 4 | 5 | 6 | 9 |
| 10 | 3 | 2 | 0 | 1 | 0 | 0 | 1 | 2 | 1 | 1 | 0 | 1 | 1 | 2 | 4 | 4 | 6 | 6 | 5 | 3 | 3 | 2 | 2 | 1 | 2 |
| 11 | 2 | M | 1 | 0 | 0 | 0 | 0 | 2 | 4 | 4 | 5 | 4 | 3 | 5 | 7 | 8 | 12 | 10 | 8 | 8 | 6 | 5 | 4 | 6 | 5 |
| 12 | 6 | 5 | 5 | 3 | 3 | 3 | 5 | 8 | 10 | 9 | 10 | 11 | 14 | 16 | 28 | 39 | 32 | 36 | 30 | 63 | 48 | 36 | 35 | 42 | 21 |
| 13 | 27 | 19 | 21 | 27 | 27 | 19 | 13 | 22 | 33 | 44 | 41 | 38 | 39 | 46 | 45 | 43 | 25 | 22 | 30 | 20 | 10 | 7 | 7 | 7 | 26 |
| 14 | 8 | 5 | 5 | 4 | 3 | 4 | 5 | 7 | 5 | 7 | 9 | 10 | 9 | 8 | 8 | 7 | 8 | 7 | 8 | 11 | 17 | 14 | 11 | 9 | 8 |
| 15 | 7 | 8 | 6 | 6 | 8 | 10 | 10 | 9 | 8 | 9 | 8 | 7 | 9 | 12 | 11 | 11 | 12 | 22 | 14 | 15 | 11 | 12 | 9 | 9 | 10 |
| 16 | 8 | 9 | 7 | 4 | 4 | 4 | 8 | 9 | 11 | 8 | 5 | 4 | 4 | 4 | 4 | 4 | 3 | 5 | 3 | 3 | 2 | 1 | 1 | 1 | 5 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 4 | 8 | 4 | 5 | 1 | 2 | 3 | 7 | 5 | 7 | 9 | 10 | 6 | 6 | 8 | 7 | 1 | 4 |
| 18 | 1 | 2 | 0 | 1 | 1 | 2 | 3 | 2 | 2 | 4 | 5 | 11 | 10 | 9 | 15 | 14 | 15 | 22 | 34 | 70 | 52 | 22 | 22 | 17 | 14 |
| 19 | 18 | 8 | 3 | 3 | 1 | 3 | 3 | 1 | 4 | 6 | 5 | 3 | 1 | 3 | 8 | 15 | 26 | 38 | 38 | 60 | 64 | 63 | 63 | 64 | 21 |
| 20 | 39 | 38 | 44 | 30 | 17 | 13 | 13 | 22 | 24 | 23 | 23 | 30 | 34 | 21 | 4 | 7 | 2 | 5 | 2 | 5 | 9 | 6 | 4 | 12 | 18 |
| 21 | 8 | 5 | 5 | 4 | 3 | 2 | 6 | 13 | 15 | 9 | 8 | 11 | 9 | 8 | 6 | 8 | 11 | 6 | 14 | 16 | 21 | 27 | 23 | 11 | 10 |
| 22 | 8 | 5 | 5 | 4 | 1 | 0 | 1 | 5 | 6 | 9 | 5 | 7 | 5 | 6 | 5 | 6 | 7 | 10 | 12 | 39 | 8 | 7 | 3 | 8 | 7 |
| 23 | 3 | 1 | 1 | 2 | 2 | 3 | 6 | 11 | 16 | 16 | 13 | 9 | 8 | 8 | 8 | 9 | 7 | 8 | 5 | 4 | 2 | 3 | 2 | 2 | 6 |
| 24 | 1 | 0 | 0 | 0 | 2 | 1 | 2 | 4 | 4 | 5 | 3 | 3 | 3 | 4 | 4 | 6 | 5 | 5 | 5 | 5 | 3 | 1 | 1 | 0 | 3 |
| 25 | 0 | M | 0 | 0 | 0 | 0 | 1 | 3 | 5 | 5 | 3 | 4 | 5 | 4 | 5 | 9 | 6 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 26 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 5 | 9 | 12 | M | M | 6 | 6 | 6 | 6 | 7 | 11 | 6 | 3 | 4 | 3 | 2 | 0 | 4 |
| 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 1 | 0 | 2 | 1 | 9 | 1 | 0 | 1 | 13 | 11 | 10 | 3 | 10 | 3 | 5 | 3 |
| 28 | 10 | 6 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 3 | 6 | 1 | 0 | 0 | 0 | 0 | 1 |
| 29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 3 | 0 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 24 | 54 | 44 | 41 | 43 | 15 | 4 | 1 | 2 | 1 | 0 | 0 | 10 |
| 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 3 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 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 | |
| 6 | 4 | 9 | 4 | 24 | 39 | 59 | 68 | 0 | - | 109 | 0 | - | 45 | 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: JANUARY

STATION : VICTORIA ROAD SUBSTATION
POLLUTANT : SULPHUR DIOXIDE

YEAR : 2017
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 | 2 | 2 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 2 | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 1 | 2 | 3 | 3 | 12 | 7 | 7 | 5 | 13 | 6 | 4 | 4 | 3 | 3 | 4 | 4 | 4 | 4 |
| 3 | 4 | 5 | 4 | 5 | 5 | 4 | 4 | 4 | 3 | 3 | 3 | 2 | 2 | 2 | 3 | 2 | M | 3 | 4 | 3 | 3 | 3 | 3 | 3 | 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 | 1 |
| 5 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 3 | 4 | 8 | 4 | 4 | 3 | 7 | 7 | 4 | 4 | 4 | 8 | 8 | 6 | 5 | 4 |
| 6 | 4 | 3 | 3 | 4 | 4 | 4 | 3 | 3 | 4 | 7 | 7 | 8 | 9 | 6 | 4 | 3 | 3 | 2 | 2 | 2 | 1 | 1 | 1 | 0 | 4 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 20 | 4 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 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 | 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 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 2 | 1 | 1 |
| 12 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 2 | 1 | 2 | 3 | 3 | 4 | 3 | 4 | 3 | 4 | 4 | 3 | 2 |
| 13 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 3 | 3 | 4 | 4 | 3 | 3 | 0 | 3 |
| 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 16 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 17 | 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 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | M | M | 2 | 2 | 2 | 3 | 1 | 1 | 1 | 1 |
| 19 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 3 | 6 | 5 | 7 | 5 | 6 | 4 | 3 | 1 | 1 | 1 | 2 | 2 | 3 | 2 |
| 20 | 2 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 1 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 |
| 21 | 1 | 1 | 2 | 2 | 2 | 1 | 2 | 2 | 3 | 5 | 4 | 6 | 6 | 10 | 5 | 4 | 4 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 3 |
| 22 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 5 | 4 | 4 | 4 | 2 | 2 | 2 | 2 | 2 | 3 | 2 | 1 | 1 | 2 |
| 23 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 3 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 1 | 1 | 1 | 2 | 1 | 1 | 2 |
| 24 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 2 | 1 |
| 25 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 4 | 4 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 0 | 2 | 2 |
| 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 | 1 |
| 27 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 3 | 3 | 5 | 4 | 7 | 5 | 3 | 3 | 3 | 2 | 3 | 2 | 2 | 1 | 2 |
| 28 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 2 | 3 | 2 | 1 | 2 | 1 | 1 | 0 | 1 |
| 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 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31 | 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 |

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 | 4 | 4 | 7 | 8 | 0 | - | 20 | 0 | - | 4 | 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: JANUARY

STATION : VICTORIA ROAD SUBSTATION
POLLUTANT : NITROGEN DIOXIDE

YEAR : 2017
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 | 26 | 26 | 25 | 24 | 23 | 22 | 23 | 23 | 24 | 22 | 23 | 24 | 26 | 26 | 25 | 27 | 29 | 29 | 29 | 26 | 28 | 26 | 26 | 25 | 25 |
| 2 | 25 | 24 | 21 | 20 | 20 | 21 | 23 | 24 | 23 | 24 | 28 | 54 | 40 | 42 | 28 | 56 | 42 | 49 | 40 | 34 | 36 | 41 | 43 | 43 | 33 |
| 3 | 38 | 35 | 33 | 38 | 32 | 31 | 37 | 44 | 32 | 32 | 28 | 26 | 25 | 27 | 30 | 33 | M | 26 | 23 | 20 | 18 | 16 | 14 | 15 | 28 |
| 4 | 14 | 13 | 13 | 13 | 11 | 12 | 14 | 18 | 19 | 19 | 19 | 22 | 19 | 20 | 20 | 18 | 20 | 22 | 21 | 23 | 31 | 26 | 31 | 24 | 19 |
| 5 | 15 | 23 | 18 | 8 | 7 | 11 | 17 | 33 | 43 | 46 | 38 | 62 | 44 | 35 | 36 | 55 | 59 | 48 | 54 | 53 | 57 | 54 | 57 | 53 | 39 |
| 6 | 53 | 48 | 44 | 49 | 48 | 45 | 41 | 42 | 37 | 47 | 41 | 47 | 45 | 41 | 28 | 25 | 30 | 27 | 27 | 30 | 25 | 14 | 17 | 17 | 36 |
| 7 | 14 | 10 | 8 | 9 | 9 | 9 | 12 | 16 | 17 | 23 | 23 | 31 | 32 | 24 | 27 | 21 | 17 | 43 | 57 | 58 | 52 | 51 | 50 | 46 | 27 |
| 8 | 47 | 47 | 47 | 46 | 49 | 42 | 49 | 42 | 43 | 45 | 46 | 64 | 81 | 65 | 68 | 76 | 79 | 66 | 74 | 73 | 70 | 67 | 79 | 76 | 60 |
| 9 | 75 | 70 | 41 | 24 | 25 | 23 | 46 | 43 | 36 | 30 | 28 | 29 | 26 | 24 | 22 | 28 | 30 | 27 | 28 | 21 | 19 | 16 | 15 | 14 | 31 |
| 10 | 14 | 12 | 11 | 11 | 10 | 10 | 13 | 16 | 18 | 20 | 20 | 18 | 15 | 15 | 16 | 19 | 19 | 25 | 30 | 21 | 23 | 20 | 15 | 14 | 17 |
| 11 | 12 | M | 10 | 10 | 9 | 9 | 13 | 21 | 25 | 24 | 20 | 20 | 23 | 20 | 24 | 34 | 36 | 35 | 35 | 31 | 25 | 21 | 19 | 17 | 21 |
| 12 | 14 | 12 | 12 | 10 | 10 | 11 | 13 | 18 | 24 | 22 | 25 | 27 | 27 | 30 | 44 | 46 | 52 | 50 | 50 | 45 | 38 | 37 | 34 | 33 | 29 |
| 13 | 32 | 29 | 29 | 28 | 23 | 23 | 24 | 25 | 30 | 33 | 32 | 32 | 33 | 32 | 34 | 38 | 39 | 41 | 38 | 40 | 38 | 36 | 34 | 34 | 32 |
| 14 | 32 | 31 | 29 | 24 | 25 | 23 | 24 | 25 | 27 | 29 | 29 | 24 | 23 | 24 | 26 | 25 | 24 | 26 | 25 | 25 | 27 | 24 | 22 | 20 | 26 |
| 15 | 18 | 16 | 14 | 13 | 13 | 13 | 15 | 21 | 22 | 22 | 23 | 20 | 20 | 26 | 23 | 24 | 33 | 33 | 33 | 36 | 34 | 31 | 30 | 29 | 23 |
| 16 | 25 | 19 | 15 | 14 | 12 | 11 | 13 | 20 | 25 | 25 | 20 | 22 | 20 | 18 | 20 | 19 | 18 | 20 | 18 | 15 | 14 | 12 | 12 | 11 | 17 |
| 17 | 10 | 9 | 9 | 8 | 8 | 9 | 12 | 21 | 25 | 21 | 20 | 18 | 20 | 18 | 18 | 21 | 28 | 23 | 20 | 18 | 16 | 18 | 16 | 15 | 17 |
| 18 | 16 | 12 | 11 | 11 | 12 | 15 | 14 | 17 | 21 | 23 | 33 | 42 | 46 | 48 | 67 | M | M | 63 | 61 | 55 | 57 | 61 | 49 | 40 | 35 |
| 19 | 37 | 37 | 34 | 33 | 39 | 37 | 34 | 39 | 43 | 43 | 45 | 45 | 40 | 43 | 41 | 54 | 51 | 53 | 44 | 47 | 55 | 54 | 48 | 41 | 43 |
| 20 | 37 | 34 | 32 | 30 | 24 | 22 | 22 | 27 | 28 | 29 | 30 | 34 | 35 | 40 | 36 | 34 | 49 | 47 | 39 | 37 | 40 | 40 | 28 | 23 | 33 |
| 21 | 19 | 15 | 12 | 11 | 11 | 14 | 18 | 26 | 31 | 38 | 47 | 27 | 36 | 62 | 44 | 33 | 32 | 30 | 34 | 38 | 50 | 34 | 30 | 33 | 30 |
| 22 | 26 | 25 | 21 | 18 | 15 | 17 | 18 | 22 | 24 | 31 | 37 | 49 | 44 | 41 | 42 | 18 | 17 | 26 | 29 | 28 | 28 | 40 | 23 | 21 | 28 |
| 23 | 18 | 14 | 12 | 12 | 11 | 12 | 20 | 38 | 38 | 34 | 32 | 31 | 28 | 26 | 26 | 29 | 25 | 26 | 24 | 21 | 22 | 18 | 18 | 16 | 23 |
| 24 | 13 | 12 | 10 | 9 | 10 | 11 | 16 | 21 | 22 | 20 | 23 | 21 | 19 | 17 | 18 | 22 | 21 | 24 | 22 | 20 | 16 | 15 | 12 | 11 | 17 |
| 25 | 9 | M | 9 | 9 | 8 | 10 | 14 | 26 | 32 | 32 | 19 | 27 | 29 | 21 | 16 | 19 | 21 | 27 | 37 | 37 | 26 | 20 | 23 | 19 | 21 |
| 26 | 16 | 12 | 11 | 10 | 10 | 10 | 14 | 17 | 22 | 25 | 22 | 19 | 15 | 14 | 14 | 16 | 19 | 20 | 19 | 19 | 17 | 15 | 13 | 13 | 16 |
| 27 | 11 | 9 | 9 | 8 | 8 | 8 | 13 | 25 | 29 | 27 | 28 | 28 | 38 | 33 | 38 | 31 | 23 | 28 | 33 | 48 | 47 | 28 | 26 | 28 | 25 |
| 28 | 34 | 28 | 14 | 11 | 10 | 10 | 10 | 12 | 12 | 13 | 14 | 14 | 13 | 15 | 16 | 22 | 31 | 41 | 17 | 14 | 19 | 15 | 13 | 12 | 17 |
| 29 | 10 | 9 | 9 | 9 | 12 | 10 | 11 | 10 | 11 | 11 | 12 | 13 | 11 | 18 | 28 | 33 | 25 | 27 | 32 | 30 | 23 | 22 | 30 | 20 | 18 |
| 30 | 20 | 17 | 20 | 16 | 16 | 21 | 23 | 31 | 34 | 25 | 17 | 18 | 33 | 33 | 38 | 38 | 40 | 45 | 43 | 28 | 16 | 14 | 12 | 11 | 25 |
| 31 | 11 | 10 | 10 | 9 | 9 | 9 | 12 | 13 | 13 | 14 | 13 | 15 | 16 | 18 | 33 | 38 | 33 | 25 | 21 | 19 | 18 | 18 | 17 | 15 | 17 |

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 | |
| 24 | 24 | 27 | 24 | 46 | 53 | 64 | 72 | 7 | - | 81 | 16 | - | 60 | 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: JANUARY

STATION : POK FU LAM
POLLUTANT : SULPHUR DIOXIDE

YEAR : 2017
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 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 2 | 2 | 2 | 8 | 4 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 2 | 1 | 2 | 1 | 2 | 4 | 3 | 1 | 6 | 7 | 7 | 5 | 31 | 23 | 22 | 19 | 28 | 25 | 27 | 20 | 11 | 11 | 23 | 26 | 25 | 14 |
| 3 | 18 | 8 | 9 | 9 | 11 | 8 | 7 | 10 | 7 | 6 | 4 | 3 | 2 | 2 | 3 | 2 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 5 |
| 4 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 3 | 9 | 24 | 25 | 24 | 21 | 5 |
| 5 | 10 | 13 | 11 | 5 | 3 | 2 | 3 | 3 | 7 | 10 | 16 | 14 | 12 | 13 | 15 | 19 | 31 | 15 | 15 | 51 | 103 | 55 | 32 | 34 | 21 |
| 6 | 26 | 22 | 49 | 53 | 42 | 22 | 13 | 18 | 17 | 16 | 27 | 23 | 24 | 17 | 10 | 1 | 2 | 1 | 3 | 4 | 5 | 2 | 1 | 1 | 17 |
| 7 | 1 | 0 | 0 | 1 | 0 | 1 | 3 | 6 | 3 | 5 | 6 | 7 | 10 | 11 | 19 | 26 | 17 | 26 | 22 | 48 | 42 | 32 | 17 | 28 | 14 |
| 8 | 54 | 48 | 38 | 37 | 35 | 15 | 10 | 6 | 9 | 48 | 43 | 67 | 76 | 29 | 25 | 40 | 50 | 34 | 20 | 17 | 15 | 21 | 23 | 16 | 32 |
| 9 | 25 | 32 | 16 | 19 | 12 | 10 | 23 | 15 | 8 | 4 | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 8 |
| 10 | 2 | 2 | 2 | 1 | 1 | 1 | 0 | 1 | 1 | 2 | 2 | 1 | 2 | 2 | 2 | 1 | 2 | 2 | 4 | 2 | 2 | 3 | 2 | 3 | 2 |
| 11 | 3 | 3 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 3 | 4 | 4 | 3 | 3 | 3 | 8 | 4 | 4 | 5 | 3 | 3 | 3 | 2 | 2 | 3 |
| 12 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 7 | 10 | 13 | 7 | 4 | 10 | 6 | 10 | 11 | 3 | 5 |
| 13 | 9 | 3 | 3 | 2 | 1 | 1 | 1 | 2 | 4 | 3 | 4 | 3 | 5 | 7 | 6 | 3 | 3 | 3 | 2 | 4 | 3 | 2 | 1 | 1 | 3 |
| 14 | 1 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 |
| 15 | 2 | 2 | 3 | 3 | 3 | 3 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 2 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 |
| 17 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 2 | 2 | 3 | 2 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 2 | 2 | 3 | 3 | 2 | 2 |
| 18 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 4 | 18 | 14 | 16 | 16 | 12 | 17 | 14 | 12 | 7 | 6 |
| 19 | 10 | 21 | 23 | 13 | 11 | 18 | 23 | 17 | 20 | 23 | 29 | 26 | 20 | 23 | 19 | 18 | 18 | 23 | 13 | 12 | 20 | 19 | 15 | 13 | 19 |
| 20 | 9 | 10 | 8 | 6 | 2 | 1 | 1 | 1 | 2 | 1 | 1 | 4 | 4 | 7 | 7 | 9 | 15 | 7 | 1 | 2 | 2 | 1 | 1 | 2 | 4 |
| 21 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 3 | 7 | 10 | 13 | 25 | 25 | 9 | 7 | 21 | 7 | 12 | 7 | 7 | 5 | 4 | 5 | 7 |
| 22 | 6 | 5 | 4 | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 10 | 11 | 14 | 14 | 8 | 7 | 11 | 7 | 15 | 10 | 7 | 5 | 3 | 7 |
| 23 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 5 | 6 | 5 | 4 | 4 | 7 | 4 | 3 | 3 | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 3 |
| 24 | 3 | 3 | 2 | 2 | 3 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 4 | 3 | 4 | 4 | 4 | 3 | 3 | 3 | 4 | 3 | 2 | 1 | 3 |
| 25 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 6 | 12 | 25 | 14 | 14 | 5 | 4 | 8 | 4 | 3 | 2 | 1 | 2 | 2 | 1 | 5 |
| 26 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 3 | 4 | 2 | 4 | 3 | 3 | 2 | 3 | 2 | 1 | 2 | 2 | 3 | 2 | 1 | 1 | 2 |
| 27 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 14 | 8 | 13 | 16 | 13 | 18 | 18 | 14 | 12 | 9 | 7 | 4 | 7 |
| 28 | 2 | 3 | 3 | 2 | 2 | 3 | 3 | 3 | 4 | 4 | 6 | 4 | 3 | 3 | 3 | 5 | 13 | 29 | 9 | 3 | 3 | 3 | 2 | 1 | 5 |
| 29 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 4 | 2 | 5 | 1 | 7 | 1 | 0 | 2 | 1 | 0 | 0 | 1 |
| 30 | 0 | 0 | 0 | 0 | 4 | 3 | 5 | 9 | 23 | 5 | 2 | 1 | 5 | 7 | 5 | 12 | 11 | 7 | 4 | 1 | 0 | 0 | 0 | 0 | 4 |
| 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 6 | 10 | 4 | 1 | 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 | 7 | 3 | 19 | 26 | 40 | 50 | 0 | - | 103 | 0 | - | 32 | 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: JANUARY

STATION : POK FU LAM
POLLUTANT : NITROGEN DIOXIDE

YEAR : 2017
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 | 14 | M | 12 | 7 | 7 | 7 | 8 | 10 | 12 | 13 | 11 | 13 | 12 | 13 | 13 | 26 | 30 | 33 | 40 | 31 | 25 | 24 | 24 | 22 | 18 |
| 2 | 19 | 27 | 16 | 9 | 14 | 13 | 9 | 28 | 20 | 22 | 28 | 53 | 41 | 32 | 30 | 43 | 41 | 57 | 85 | 78 | 74 | 116 | 119 | 115 | 45 |
| 3 | 106 | 57 | 60 | 32 | 34 | 24 | 15 | 87 | 40 | 32 | 23 | 22 | 19 | 18 | 18 | 19 | 33 | 33 | 29 | 26 | 20 | 16 | 15 | 33 | |
| 4 | 13 | 9 | 8 | 8 | 6 | 6 | 9 | 20 | 22 | 23 | 16 | 12 | 14 | 17 | 19 | M | M | M | M | M | M | M | M | M | |
| 5 | M | M | M | M | M | M | M | M | M | M | M | 57 | 55 | 48 | 67 | 80 | 89 | 91 | 96 | 97 | M | M | M | M | |
| 6 | M | M | M | M | M | M | M | M | M | M | M | M | 40 | 33 | M | 16 | 29 | 22 | 39 | 52 | 44 | 22 | 25 | 25 | |
| 7 | 18 | 12 | 9 | 9 | 8 | 6 | 17 | 33 | 30 | 42 | 39 | 39 | 40 | 33 | 40 | 46 | 48 | 89 | 110 | 112 | 107 | 102 | 92 | 95 | 49 |
| 8 | 97 | 98 | 97 | 94 | 93 | 88 | 81 | 58 | 69 | 88 | 92 | 98 | 99 | 72 | 67 | 80 | 109 | 105 | 85 | 85 | 100 | 121 | 130 | 133 | 93 |
| 9 | 127 | 82 | 58 | 52 | 35 | 31 | 67 | 66 | 53 | 49 | 37 | 40 | 40 | 32 | 35 | 40 | 44 | 42 | 52 | 33 | 29 | 20 | 15 | 13 | 46 |
| 10 | 13 | 12 | 11 | 9 | 9 | 9 | 11 | 16 | 26 | 30 | 32 | 24 | 22 | 17 | 20 | 23 | 30 | 52 | 64 | 38 | 26 | 28 | 20 | 13 | 23 |
| 11 | 12 | 10 | 8 | 7 | 7 | 7 | 11 | 20 | 37 | 35 | 30 | 31 | 26 | 28 | 40 | 61 | 56 | 48 | 44 | 36 | 29 | 18 | 18 | 15 | 26 |
| 12 | 13 | 12 | 11 | 8 | 9 | 9 | 12 | 23 | 37 | 41 | 33 | 33 | 37 | 36 | 73 | 78 | 87 | 94 | 87 | 71 | 60 | 61 | 53 | 53 | 43 |
| 13 | 49 | 44 | 46 | 38 | 31 | 37 | 42 | 46 | 53 | 53 | 53 | 46 | 49 | 52 | 61 | 65 | 70 | 68 | 64 | 69 | 66 | 61 | 58 | 56 | 53 |
| 14 | 53 | 52 | 46 | 36 | 37 | 35 | 41 | 45 | 47 | 51 | 45 | 31 | 28 | 26 | 32 | 40 | 33 | 32 | 35 | 33 | 36 | 36 | 33 | 24 | 38 |
| 15 | 20 | M | 15 | 14 | 17 | 16 | 21 | 37 | 36 | 29 | 28 | 22 | 30 | 42 | 35 | 38 | 52 | 54 | 61 | 62 | 61 | 55 | 52 | 48 | 37 |
| 16 | 49 | 34 | 29 | 25 | 15 | 13 | 18 | M | 46 | 37 | 29 | 27 | 26 | 24 | 23 | 25 | 29 | 24 | 16 | 15 | 10 | 9 | 10 | 24 | |
| 17 | 10 | 8 | 7 | 6 | 6 | 7 | 12 | 21 | 29 | 28 | 25 | 25 | 26 | 29 | 38 | 44 | 39 | 35 | 32 | 51 | 43 | 33 | 21 | 17 | 25 |
| 18 | 17 | 8 | 6 | 6 | 6 | 7 | 9 | 16 | 34 | 36 | 40 | 49 | 39 | 51 | 73 | 87 | 90 | 95 | 99 | 97 | 99 | 98 | 88 | 53 | 50 |
| 19 | 50 | 67 | 65 | 70 | 72 | 66 | 60 | 55 | 71 | 58 | 61 | 63 | 54 | 68 | 61 | 64 | 59 | 77 | 81 | 84 | 115 | 108 | 85 | 64 | 70 |
| 20 | 59 | 52 | 47 | 44 | 30 | 27 | 30 | 38 | 45 | 40 | 41 | 39 | 39 | 50 | 40 | 40 | 58 | 56 | 41 | 43 | 54 | 29 | 26 | 49 | 42 |
| 21 | 41 | 15 | 14 | 14 | 18 | 23 | 29 | 39 | 56 | 65 | 69 | 52 | 54 | 77 | 55 | 39 | 59 | 48 | 65 | 74 | 116 | 69 | 44 | 47 | 49 |
| 22 | 35 | 36 | 33 | 18 | 20 | 19 | 27 | 43 | 41 | 51 | 45 | 52 | 55 | 53 | 54 | 26 | 24 | 37 | 44 | 78 | 84 | 63 | 21 | 25 | 41 |
| 23 | 18 | 17 | 10 | 9 | 9 | 9 | 18 | 40 | 66 | 59 | 38 | 34 | 32 | 38 | 39 | 31 | 41 | 48 | 44 | 40 | 40 | 23 | 21 | 18 | 31 |
| 24 | 14 | 15 | 9 | 8 | 10 | 11 | 15 | 24 | 39 | 35 | 28 | 28 | 24 | 23 | 27 | 32 | 35 | 46 | 47 | 34 | 29 | 20 | 15 | 11 | 24 |
| 25 | 9 | 8 | 6 | 7 | 6 | 7 | 15 | 36 | 45 | 47 | 40 | 44 | 36 | 44 | 24 | 28 | 33 | 39 | 58 | 65 | 48 | 39 | 17 | 18 | 30 |
| 26 | 18 | 12 | 10 | 8 | 8 | 9 | 13 | 29 | 41 | 36 | 31 | 29 | 19 | 19 | 17 | 18 | 19 | 17 | 19 | 27 | 28 | 23 | 16 | 13 | 20 |
| 27 | 13 | 10 | 9 | 8 | 7 | 8 | 17 | 30 | 47 | 27 | 21 | 34 | 56 | 41 | 33 | 35 | 32 | 46 | 66 | 76 | 99 | 89 | 18 | 19 | 35 |
| 28 | 14 | 22 | 10 | 10 | 7 | 7 | 6 | 9 | 13 | 15 | 19 | 13 | 15 | 16 | 18 | 31 | 49 | 80 | 32 | 13 | 14 | 13 | 12 | 7 | 19 |
| 29 | 6 | M | 5 | 5 | 7 | 5 | 5 | 6 | 7 | 7 | 7 | 8 | 11 | 22 | 29 | 34 | 24 | 58 | 18 | 22 | 39 | 18 | 11 | 12 | 16 |
| 30 | 7 | 7 | 8 | 9 | 31 | 28 | 42 | 60 | 55 | 19 | 16 | 16 | 50 | 45 | 57 | 65 | 67 | 81 | 70 | 17 | 19 | 17 | 13 | 9 | 34 |
| 31 | 11 | 9 | 9 | 8 | 7 | 8 | 9 | 12 | 13 | 11 | 14 | 17 | 17 | 23 | 36 | 47 | 49 | 37 | 21 | 20 | 17 | 16 | 16 | 14 | 18 |

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 | |
| 28 | 32 | 37 | 32 | 73 | 92 | 106 | 115 | 5 | - | 133 | 16 | - | 93 | 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
MONTH: JANUARY

STATION : AP LEI CHAU
POLLUTANT : SULPHUR DIOXIDE

YEAR : 2017
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 | 2 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 3 | 4 | 4 | 4 | 5 | 5 | 4 | 4 | 3 | 6 | 10 | 4 | 3 |
| 2 | 4 | 4 | 4 | 3 | 3 | 3 | 4 | 3 | 4 | 4 | 4 | 6 | 7 | 9 | 9 | 14 | 44 | 21 | 11 | 44 | 18 | 16 | 83 | 30 | 15 |
| 3 | 44 | 14 | 7 | 8 | 9 | 9 | 8 | 9 | 7 | 5 | 4 | 3 | 2 | 2 | 3 | 4 | 3 | 3 | 2 | 3 | 3 | 1 | 2 | 2 | 7 |
| 4 | 2 | 1 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 1 | 2 | 3 | 3 | 5 | 3 | 4 | 5 | 4 | 6 | 6 | 5 | 5 | 5 | 6 | 3 |
| 5 | 6 | 3 | 4 | 4 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 3 | 2 | 3 | 5 | 5 | 9 | 20 | 11 | 27 | 58 | 22 | 23 | 11 | 10 |
| 6 | 7 | 6 | 5 | 10 | 5 | 6 | 7 | 10 | 10 | 9 | 6 | 15 | 11 | 1 | 1 | 4 | 4 | 2 | 4 | 5 | 3 | 2 | 2 | 2 | 6 |
| 7 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 2 | 2 | 3 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 11 | 28 | 6 | 8 | 6 | 11 | 5 |
| 8 | 21 | 8 | 6 | 16 | 68 | 22 | 23 | 28 | 49 | 98 | 63 | 115 | 89 | 49 | 65 | 41 | 39 | 48 | 44 | 48 | 58 | 54 | 59 | 113 | 51 |
| 9 | 36 | 21 | 4 | 3 | 2 | 2 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 5 | 3 |
| 10 | 5 | 4 | 4 | 3 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 4 | 4 | 3 | 3 | 5 | 4 | 4 | 5 | 5 | 4 | 3 | 3 |
| 11 | 4 | 3 | 3 | 1 | 1 | 2 | 2 | 2 | 3 | 4 | 5 | 5 | 5 | 6 | 5 | 6 | 7 | 6 | 5 | 5 | 4 | 4 | 4 | 4 | 4 |
| 12 | 3 | 4 | 5 | 4 | 3 | 4 | 3 | 4 | 3 | 3 | 4 | 4 | 4 | 4 | 8 | 8 | 16 | 9 | 11 | 5 | 10 | 8 | 11 | 3 | 6 |
| 13 | 5 | 6 | 4 | 3 | 2 | 2 | 2 | 1 | 1 | 3 | 7 | 6 | 5 | 10 | 7 | 7 | 3 | 5 | 3 | 4 | 4 | 2 | 3 | 3 | 4 |
| 14 | 2 | 2 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 3 | 1 |
| 15 | 3 | 5 | 5 | 5 | 4 | 4 | 3 | 4 | 4 | 2 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 0 | 3 | 2 |
| 16 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 2 | 3 | 3 | 3 | 3 | 4 | 5 | 5 | 5 | 5 | 4 | 4 | 5 | 4 | 4 | 2 | 4 |
| 17 | 2 | 1 | 2 | 1 | 1 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 1 | 1 | 2 | 3 | 3 | 3 | 3 | 2 | 3 | 6 | 6 | 3 | 2 |
| 18 | 3 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 3 | 2 | 3 | 4 | 3 | 2 | 19 | M | 42 | 35 | 35 | 42 | 32 | 25 | 29 | 11 | 13 |
| 19 | 7 | 9 | 9 | 13 | 15 | 42 | 18 | 5 | 40 | 22 | 5 | 10 | 21 | 16 | 21 | 27 | 42 | 40 | 23 | 26 | 29 | 27 | 24 | 18 | 21 |
| 20 | 13 | 10 | 11 | 10 | 3 | 1 | 1 | 1 | 2 | 3 | 3 | 9 | 6 | 14 | 7 | 6 | 8 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 5 |
| 21 | 2 | 2 | 2 | 1 | 1 | 2 | 4 | 8 | 11 | 15 | 8 | 3 | 5 | 18 | 29 | 11 | 7 | 3 | 3 | 5 | 18 | 23 | 16 | 6 | 8 |
| 22 | 6 | 5 | 5 | 6 | 5 | 5 | 4 | 4 | 7 | 7 | 14 | 18 | 14 | 13 | 10 | 5 | 5 | 4 | 10 | 27 | 20 | 8 | 6 | 7 | 9 |
| 23 | 6 | 5 | 5 | 4 | 5 | 5 | 4 | 4 | 5 | 7 | 6 | 6 | 6 | 7 | 7 | 8 | 7 | 8 | 9 | 8 | 8 | 7 | 6 | 6 | 6 |
| 24 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 5 | 5 | 5 | 5 | 6 | 6 | 5 | 7 | 6 | 6 | 6 | 7 | 5 | 4 | 3 | 4 | 5 |
| 25 | 5 | 4 | 4 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 6 | 7 | 9 | 10 | 8 | 9 | 8 | 6 | 6 | 6 | 6 | 5 | 5 | 5 | 6 |
| 26 | 4 | 4 | 4 | 3 | 3 | 4 | 3 | 3 | 4 | 5 | 4 | 5 | 4 | 5 | 5 | 6 | 5 | 4 | 6 | 5 | 6 | 5 | 5 | 4 | 4 |
| 27 | 3 | 3 | 3 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 1 | 12 | 21 | 32 | 14 | 7 | 11 | 19 | 30 | 19 | 2 | 4 | 6 | 8 |
| 28 | 5 | 6 | 5 | 4 | 4 | 7 | 6 | 5 | 4 | 4 | 5 | 6 | 5 | 5 | 4 | 3 | 3 | 3 | 3 | 4 | 4 | 5 | 4 | 3 | 4 |
| 29 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 3 | 8 | 12 | 3 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 2 |
| 30 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 5 | 2 | 1 | 1 | 9 | 8 | 6 | 11 | 18 | 16 | 6 | 2 | 2 | 1 | 1 | 1 | 4 |
| 31 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 14 | 10 | 2 | 1 | 1 | 1 | 1 | 0 | 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 |
| 4 | 4 | 7 | 4 | 16 | 29 | 48 | 61 | 0 | - | 115 | 1 | - | 51 | 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: JANUARY

STATION : AP LEI CHAU
POLLUTANT : NITROGEN DIOXIDE

YEAR : 2017
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 | 4 | 5 | 2 | 1 | 1 | 3 | 3 | 5 | 6 | 4 | 4 | 6 | 6 | 4 | 6 | 8 | 11 | 18 | 20 | 12 | 13 | 17 | 18 | 8 |
| 2 | 14 | 6 | 4 | 2 | 1 | 1 | 4 | 7 | 12 | 11 | 8 | 10 | 6 | 8 | 8 | 10 | 45 | 34 | 21 | 81 | 97 | 117 | 113 | 96 | 30 |
| 3 | 115 | M | 23 | 20 | 16 | 17 | 21 | 24 | 14 | 13 | 7 | 4 | 5 | 2 | 8 | 8 | 12 | 14 | 10 | 8 | 7 | 4 | 5 | 7 | 16 |
| 4 | 6 | 6 | 5 | 5 | 3 | 4 | 4 | 4 | 8 | 6 | 7 | 8 | 6 | 7 | 7 | 4 | 8 | 26 | 28 | 39 | 29 | 19 | 27 | 18 | 12 |
| 5 | 7 | 3 | 2 | 4 | 3 | 3 | 13 | 24 | 30 | 26 | 21 | 15 | 2 | 4 | 16 | 35 | 61 | 89 | 81 | 100 | 84 | 56 | 66 | 79 | 34 |
| 6 | 56 | 45 | 32 | 27 | 13 | 12 | 25 | 21 | 24 | 15 | 9 | 28 | 24 | 7 | 2 | 5 | 10 | 10 | 15 | 14 | 13 | 13 | 12 | 10 | 18 |
| 7 | 8 | 6 | 5 | 5 | 3 | 3 | 4 | 7 | 6 | 8 | 9 | 6 | 3 | 5 | 8 | 6 | 15 | 43 | 87 | 96 | 61 | 62 | 36 | 58 | 23 |
| 8 | 89 | 69 | 40 | 48 | 78 | 63 | 74 | 80 | 78 | 82 | 79 | 87 | 70 | 51 | 65 | 50 | 62 | 97 | 117 | 116 | 129 | 135 | 135 | 138 | 85 |
| 9 | 113 | 71 | 13 | 12 | 10 | 15 | 19 | 35 | 30 | 22 | 18 | 18 | 14 | 12 | 11 | 0 | 0 | 0 | 2 | 3 | 1 | 0 | 0 | 0 | 17 |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 9 | 3 | 0 | 0 | 0 | 0 | 1 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 4 | 6 | 2 | 1 | 3 | 2 | 9 | 18 | 19 | 21 | 18 | 18 | 8 | 11 | 10 | 2 | 6 |
| 12 | 2 | 0 | 1 | 0 | 0 | 0 | 3 | 11 | 12 | 8 | 12 | 15 | 16 | 23 | 55 | 70 | 79 | 71 | 67 | 80 | 58 | 55 | 49 | 53 | 31 |
| 13 | 43 | 41 | 37 | 36 | 29 | 25 | 27 | 30 | 41 | 47 | 43 | 41 | 38 | 44 | 50 | 58 | 63 | 66 | 63 | 65 | 66 | 60 | 55 | 43 | 46 |
| 14 | 44 | 26 | 10 | 7 | 7 | 20 | 18 | 21 | 25 | 27 | 19 | 15 | 13 | 12 | 11 | 14 | 12 | 15 | 12 | 16 | 25 | 23 | 17 | 12 | 18 |
| 15 | 6 | 4 | 3 | 2 | 4 | 6 | 10 | 13 | 19 | 14 | 13 | 8 | 12 | 16 | 13 | 9 | 19 | 46 | 39 | 44 | 54 | 48 | 40 | 27 | 20 |
| 16 | 16 | 7 | 8 | 5 | 2 | 2 | 9 | 19 | 23 | 18 | 5 | 6 | 4 | 1 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 6 | |
| 17 | 0 | M | 1 | 0 | 0 | 0 | 5 | 12 | 13 | 4 | 3 | 5 | 5 | 6 | 3 | 5 | 17 | 11 | 5 | 3 | 4 | 13 | 15 | 4 | 6 |
| 18 | 3 | 1 | 0 | 0 | 0 | 0 | 1 | 6 | 18 | 16 | 13 | 21 | 27 | 32 | 54 | M | 89 | 82 | 88 | 92 | 94 | 68 | 66 | 44 | 35 |
| 19 | 32 | 30 | 16 | 27 | 34 | 43 | 37 | 29 | 44 | 30 | 7 | 25 | 27 | 32 | 53 | 50 | 64 | 88 | 68 | 76 | 99 | 96 | 78 | 55 | 48 |
| 20 | 51 | 45 | 38 | 35 | 22 | 14 | 18 | 25 | 28 | 30 | 32 | 37 | 35 | 45 | 18 | 17 | 21 | 7 | 14 | 18 | 28 | 24 | 24 | 11 | 27 |
| 21 | 10 | 7 | 5 | 1 | 0 | 5 | 16 | 33 | 44 | 43 | 14 | 5 | 9 | 25 | 38 | 29 | 10 | 7 | 23 | 54 | 85 | 82 | 78 | 44 | 28 |
| 22 | 35 | 12 | 16 | 18 | 7 | 7 | 12 | 23 | 39 | 40 | 39 | 35 | 24 | 21 | 18 | 0 | 0 | 3 | 20 | 56 | 57 | 41 | 21 | 18 | 23 |
| 23 | 13 | 2 | 0 | 0 | 0 | 2 | 4 | 23 | 33 | 19 | 12 | 11 | 6 | 2 | 0 | 0 | 1 | 7 | 7 | 6 | 3 | 0 | 0 | 0 | 6 |
| 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 2 | 4 | 6 | 2 | 1 | 1 | 0 | 0 | 0 | 2 | 5 | 1 | 0 | 0 | 0 | 0 | 1 |
| 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 4 | 7 | 0 | 3 | 6 | 0 | 0 | 1 | 2 | 3 | 16 | 7 | 3 | 1 | 1 | 2 | 3 |
| 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 12 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 15 | 8 | 1 | 0 | 2 | |
| 27 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 9 | 7 | 5 | M | 24 | 18 | 31 | 46 | 21 | 12 | 20 | 35 | 46 | 30 | 29 | 26 | 36 | 17 |
| 28 | 37 | 25 | 8 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 3 | 0 | 1 | 2 | 7 | 14 | 15 | 13 | 9 | 7 | 2 | 0 | 1 | 6 |
| 29 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 3 | 1 | 1 | 1 | 5 | 33 | 36 | 21 | 19 | 15 | 16 | 10 | 4 | 10 | 13 | 8 |
| 30 | 10 | 5 | 4 | 3 | 1 | 7 | 20 | 13 | 24 | 17 | 7 | 7 | 38 | 47 | 54 | 62 | 76 | 59 | 29 | 21 | 12 | 10 | 5 | 2 | 22 |
| 31 | 2 | M | 2 | 2 | 0 | 1 | 2 | 3 | 5 | 4 | 5 | 6 | 8 | 14 | 17 | 31 | 32 | 9 | 7 | 5 | 6 | 8 | 5 | 8 | 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 | | |
| 13 | 9 | 20 | 9 | 56 | 79 | 96 | 114 | 0 | - | 138 | 1 | - | 85 | 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: JANUARY

STATION : CHEUNG CHAU
POLLUTANT : SULPHUR DIOXIDE

YEAR : 2017
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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 5 | 1 | 2 | 2 | 2 | 0 | 0 | 2 | 2 | 1 | 1 | 1 |
| 2 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 2 | 5 | 10 | 15 | 16 | 13 | 15 | 12 | 11 | 8 | 5 | 7 | 5 | 7 | 6 | 6 | 6 |
| 3 | 7 | 9 | 19 | 33 | 31 | 21 | 19 | 15 | 8 | 7 | 9 | 11 | 12 | 6 | 6 | 7 | 4 | 3 | 4 | 3 | 2 | 1 | 1 | 1 | 10 |
| 4 | 2 | 0 | 0 | 1 | 1 | 1 | 4 | 3 | 3 | 6 | 6 | 5 | 5 | 4 | 3 | 5 | 11 | 4 | 4 | 4 | 3 | 2 | 3 | 3 | 3 |
| 5 | 2 | 4 | 2 | 4 | 2 | 5 | 5 | 4 | 8 | 7 | 10 | 8 | 4 | 2 | 2 | 4 | 13 | 12 | 12 | 7 | 5 | 6 | 8 | 9 | 6 |
| 6 | 10 | 13 | 9 | 7 | 6 | 4 | 3 | 5 | 10 | 14 | 16 | 12 | 15 | 11 | 10 | 4 | 4 | 2 | 4 | 4 | 2 | 3 | 1 | 1 | 7 |
| 7 | 1 | 3 | 1 | 1 | 0 | 3 | 3 | 3 | 4 | 5 | 3 | 2 | 3 | 3 | 4 | 3 | 3 | 3 | 2 | 2 | 5 | 4 | 4 | 5 | 3 |
| 8 | 6 | 7 | 6 | 11 | 10 | 8 | 6 | 6 | 12 | 15 | 21 | 24 | M | 30 | 36 | 36 | 25 | 14 | 8 | 18 | 18 | 20 | 22 | 5 | 16 |
| 9 | 4 | 3 | 8 | 8 | 10 | 4 | 3 | 3 | 4 | 5 | 3 | 6 | 4 | 4 | 6 | 4 | 3 | 1 | 1 | 5 | 4 | 3 | 3 | 4 | 4 |
| 10 | 6 | 3 | 3 | 1 | 2 | 6 | 7 | 11 | 5 | 9 | 14 | 20 | 15 | 13 | 5 | 9 | 2 | 3 | 4 | 4 | 2 | 8 | 3 | 5 | 7 |
| 11 | 2 | 2 | 2 | 0 | 1 | 0 | 0 | 1 | 4 | 6 | 8 | 5 | 6 | 7 | 7 | 8 | 6 | 7 | 6 | 5 | 4 | 4 | 3 | 6 | 4 |
| 12 | 3 | 5 | 5 | 2 | 2 | 2 | 2 | 3 | 4 | 6 | 6 | 4 | 6 | 7 | 5 | 4 | 4 | 5 | 3 | 3 | 2 | 1 | 1 | 0 | 4 |
| 13 | 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 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 1 | 0 | 2 | 1 | 0 |
| 15 | 1 | 3 | 1 | 1 | 3 | 2 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| 16 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 | 2 | 1 | 2 | 7 | 4 | 2 | 7 | 1 | 4 | 4 | 3 | 1 | 1 | 3 | 2 |
| 17 | 2 | 0 | 0 | 0 | 0 | 1 | 0 | 2 | 2 | 8 | 10 | 7 | 5 | 3 | 5 | 4 | 4 | 3 | 6 | 2 | 2 | 3 | 4 | 5 | 3 |
| 18 | 3 | 3 | 2 | 1 | 2 | 2 | 2 | 3 | 5 | 1 | 7 | 6 | 4 | 4 | 6 | 4 | 3 | 2 | 2 | 1 | 3 | 5 | 3 | 3 | 3 |
| 19 | 2 | 3 | 4 | 3 | 5 | 4 | 4 | 11 | 13 | 16 | 17 | 12 | 9 | 11 | 13 | 13 | 7 | 8 | 5 | 4 | 5 | 9 | 12 | 9 | 8 |
| 20 | 10 | 10 | 7 | 4 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 2 | 1 | 2 | 1 | 1 | 2 | 3 | 5 | 2 | 0 | 2 |
| 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 6 | 8 | 4 | 5 | 5 | 6 | 4 | 2 | 1 | 2 | 2 | 2 | 2 | 4 | 2 |
| 22 | 4 | 5 | 4 | 2 | 2 | 1 | 3 | 1 | 4 | 5 | 4 | 8 | 9 | 8 | 8 | 8 | 4 | 5 | 3 | 2 | 1 | 3 | 4 | 2 | 4 |
| 23 | 2 | 1 | 1 | 1 | 0 | 2 | 3 | 2 | 4 | 6 | 7 | 6 | 6 | 4 | 4 | 3 | 3 | 3 | 4 | 3 | 5 | 5 | 5 | 3 | 3 |
| 24 | 3 | 2 | 2 | 1 | 1 | 3 | 2 | 2 | 3 | 3 | 3 | 7 | 7 | 3 | 4 | 2 | 3 | 3 | 4 | 5 | 5 | 2 | 3 | 0 | 3 |
| 25 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 3 | 3 | 4 | 4 | 4 | 5 | 6 | 7 | 4 | 2 | 1 | 2 | 1 | 0 | 1 | 2 |
| 26 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 4 | 4 | 4 | 3 | 2 | 2 | 4 | 4 | 3 | 3 | 2 | 1 | 3 | 2 | 2 | 1 | 2 |
| 27 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 7 | 15 | 21 | 23 | 19 | 12 | 6 | 3 | 7 | 6 |
| 28 | 6 | 3 | 4 | 3 | 2 | 2 | 3 | 3 | 4 | 5 | 4 | 5 | 5 | 3 | 2 | 1 | 2 | 4 | 6 | 4 | 2 | 4 | 3 | 3 | 3 |
| 29 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 3 | 2 | 4 | 3 | 3 | 2 | 3 | 1 | 2 | 4 | 5 | 2 | 2 | 1 | 1 | 2 |
| 30 | 1 | 0 | 1 | 1 | 2 | 1 | 1 | 2 | 3 | 7 | 10 | 9 | 8 | 6 | 5 | 8 | 6 | 3 | 1 | 1 | 0 | 0 | 1 | 0 | 3 |
| 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 5 | 2 | 1 | 1 | 1 | 0 | 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 | | |
| 3 | 3 | 4 | 3 | 9 | 13 | 19 | 23 | 0 | - | 36 | 0 | - | 16 | 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: JANUARY

STATION : CHEUNG CHAU
POLLUTANT : NITROGEN DIOXIDE

YEAR : 2017
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 | 19 | 20 | 19 | 13 | 7 | 9 | 9 | 10 | 11 | 16 | 17 | 18 | 31 | 21 | 8 | 9 | 16 | 13 | 11 | 19 | 21 | 23 | 45 | 55 | 18 |
| 2 | 25 | 13 | 13 | 30 | 19 | 24 | 24 | 20 | 31 | 49 | 58 | 31 | 25 | 23 | 30 | 23 | 26 | 38 | 43 | 38 | 100 | 129 | 92 | 113 | 42 |
| 3 | 127 | 136 | 157 | 164 | 163 | 167 | 174 | 97 | 23 | 26 | 30 | 25 | 26 | 16 | 19 | 20 | 19 | 21 | 28 | 28 | 18 | 20 | 14 | 14 | 64 |
| 4 | 16 | 12 | 9 | 12 | 10 | 13 | 22 | 15 | 16 | 18 | 14 | 13 | 12 | 10 | 9 | 14 | 23 | 14 | 14 | 22 | 35 | 27 | 22 | 98 | 20 |
| 5 | 56 | 50 | 11 | 36 | 27 | 69 | 87 | 71 | 96 | 74 | 84 | 74 | 21 | 9 | 9 | 67 | 116 | 134 | 145 | 130 | 105 | 91 | 79 | 128 | 74 |
| 6 | 131 | 133 | 129 | 93 | 64 | 57 | 56 | 87 | 88 | 96 | 84 | 76 | 60 | 30 | 27 | 17 | 15 | 9 | 16 | 15 | 12 | 20 | 21 | 33 | 57 |
| 7 | 16 | 23 | 13 | 12 | 11 | 21 | 21 | 34 | 46 | 32 | 33 | 9 | 8 | 7 | 8 | 11 | 31 | 30 | 26 | 26 | 38 | 70 | 78 | 108 | 30 |
| 8 | 116 | 121 | 114 | 127 | 121 | 118 | 112 | 107 | 101 | 78 | 90 | 67 | M | 122 | 122 | 101 | 90 | 69 | 119 | 87 | 105 | 138 | 107 | 71 | 104 |
| 9 | 70 | 47 | 85 | 66 | 69 | 42 | 47 | 52 | 68 | 44 | 32 | 47 | 28 | 17 | 18 | 15 | 14 | 12 | 11 | 22 | 23 | 18 | 16 | 18 | 37 |
| 10 | 24 | 17 | 18 | 12 | 14 | 26 | 28 | 36 | 18 | 22 | 27 | 30 | 21 | 19 | 13 | 20 | 10 | 18 | 19 | 18 | 11 | 27 | 18 | 21 | 20 |
| 11 | 14 | M | 15 | 10 | 11 | 8 | 24 | 29 | 20 | 27 | 23 | 13 | 20 | 17 | 23 | 33 | 50 | 42 | 53 | 53 | 28 | 35 | 53 | 23 | 27 |
| 12 | 18 | 21 | 18 | 14 | 13 | 12 | 15 | 30 | 26 | 30 | 55 | 78 | 84 | 85 | 95 | 102 | 109 | 109 | 98 | 85 | 77 | 70 | 65 | 59 | 57 |
| 13 | 56 | 47 | 51 | 45 | 53 | 48 | 47 | 44 | 44 | 53 | 51 | 56 | 60 | 62 | 63 | 77 | 83 | 87 | 96 | 88 | 76 | 78 | 73 | 64 | 63 |
| 14 | 54 | 45 | 48 | 34 | 32 | 31 | 30 | 31 | 41 | 57 | 49 | 45 | 56 | 44 | 34 | 37 | 41 | 31 | 34 | 55 | 73 | 66 | 42 | 26 | 43 |
| 15 | 25 | 31 | 22 | 27 | 42 | 47 | 43 | 31 | 37 | 51 | 47 | 40 | 45 | 48 | 47 | 51 | 59 | 67 | 69 | 66 | 62 | 58 | 53 | 48 | 47 |
| 16 | 59 | 52 | 41 | 30 | 34 | 39 | 41 | 37 | 38 | 45 | 39 | 32 | 35 | 27 | 33 | 22 | 28 | 14 | 24 | 19 | 16 | 9 | 10 | 19 | 31 |
| 17 | 13 | 9 | 10 | 11 | 9 | 13 | 38 | 50 | 47 | 34 | 31 | 42 | 38 | 31 | 20 | 19 | 25 | 22 | 25 | 66 | 95 | 81 | 73 | 30 | 35 |
| 18 | 21 | 26 | 18 | 22 | 24 | 44 | 14 | 26 | 67 | 35 | 57 | 54 | 93 | 103 | 96 | 92 | 87 | 99 | 110 | 101 | 102 | 114 | 96 | 90 | 66 |
| 19 | 44 | 46 | 81 | 76 | 78 | 81 | 79 | 77 | 74 | 78 | 64 | 33 | 27 | 27 | 29 | 38 | 27 | 38 | 45 | 35 | 42 | 55 | 95 | 83 | 56 |
| 20 | 69 | 62 | 56 | 51 | 43 | 31 | 28 | 36 | 31 | 35 | 38 | 42 | 44 | 48 | 36 | 19 | 19 | 18 | 19 | 30 | 34 | 76 | 62 | 50 | 41 |
| 21 | 41 | 38 | 33 | 34 | 25 | 22 | 24 | 31 | 42 | 54 | 61 | 51 | 30 | 34 | 41 | 30 | 23 | 25 | 32 | 35 | 54 | 117 | 66 | 47 | 41 |
| 22 | 50 | 42 | 53 | 45 | 31 | 33 | 39 | 36 | 48 | 61 | 47 | 56 | 60 | 56 | 57 | 41 | 25 | 24 | 24 | 34 | 79 | 36 | 24 | 43 | 44 |
| 23 | 20 | 16 | 14 | 15 | 11 | 39 | 49 | 64 | 66 | 64 | 69 | 57 | 51 | 18 | 15 | 13 | 12 | 13 | 19 | 20 | 31 | 38 | 39 | 26 | 32 |
| 24 | 28 | 20 | 17 | 14 | 11 | 16 | 17 | 20 | 26 | 22 | 37 | 42 | 23 | 11 | 11 | 9 | 13 | 19 | 25 | 32 | 37 | 31 | 40 | 11 | 22 |
| 25 | 24 | M | 12 | 10 | 9 | 10 | 14 | 22 | 24 | 36 | 38 | 44 | 19 | 15 | 18 | 24 | 29 | 22 | 18 | 17 | 20 | 19 | 20 | 20 | 21 |
| 26 | 20 | 22 | 10 | 8 | 10 | 11 | 12 | 41 | 90 | 76 | 54 | 16 | 12 | 11 | 15 | 15 | 15 | 15 | 14 | 15 | 26 | 20 | 20 | 16 | 24 |
| 27 | 12 | 11 | 11 | 9 | 7 | 9 | 23 | 40 | 59 | 56 | 68 | 45 | 18 | 15 | 28 | 40 | 32 | 41 | 70 | 61 | 41 | 28 | 79 | 104 | 38 |
| 28 | 115 | 86 | 39 | 28 | 16 | 21 | 12 | 18 | 26 | 18 | 11 | 12 | 15 | 12 | 18 | 24 | 50 | 86 | 109 | 27 | 14 | 21 | 35 | 39 | 36 |
| 29 | 31 | 18 | 12 | 18 | 26 | 30 | 36 | 49 | 83 | 23 | 20 | 29 | 58 | 56 | 47 | 37 | 51 | 71 | 98 | 95 | 30 | 80 | 80 | 91 | 49 |
| 30 | 54 | 30 | 27 | 32 | 38 | 35 | 44 | 51 | 48 | 53 | 62 | 59 | 72 | 55 | 72 | 68 | 62 | 67 | 61 | 57 | 30 | 28 | 36 | 9 | 48 |
| 31 | 16 | 20 | 15 | 13 | 11 | 18 | 23 | 11 | 13 | 13 | 17 | 24 | 43 | 44 | 48 | 36 | 34 | 19 | 18 | 16 | 17 | 20 | 24 | 19 | 22 |

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 | | |
| 33 | 32 | 42 | 32 | 87 | 107 | 127 | 135 | 7 | - | 174 | 18 | - | 104 | 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: FEBRUARY

STATION : VICTORIA PEAK
POLLUTANT : SULPHUR DIOXIDE

YEAR : 2017
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 | T | T | T | T | T | T | T | T | T | T | T | 1 | 1 | 1 | 3 | 2 | 4 | 4 | 2 | 2 | 1 | 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 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 1 | 1 |
| 4 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 4 | 2 | 1 | 0 | 0 | 0 | 1 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 2 | 3 | 3 | 4 | 4 | 7 | 11 | 4 | 2 | 11 | 7 | 0 | 2 | 2 | 3 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 1 |
| 7 | 3 | 3 | 3 | 2 | 1 | 1 | 2 | 1 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 2 | 2 | 1 | 1 | 5 | 6 | 9 | 2 | 0 | 0 | 0 | 2 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 4 | 3 | 2 | 2 | 2 | 1 |
| 10 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 7 | 7 | 4 | 4 | 4 | 4 | 5 | 4 | 4 | 4 | 5 | 6 | 5 | 4 | 4 | 5 | 4 |
| 11 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 6 | 7 | 8 | 7 | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 5 | 5 | 4 | 4 | 5 | 5 |
| 12 | 3 | 3 | 4 | 4 | 3 | 4 | 4 | 5 | 8 | 7 | 7 | 7 | 12 | 9 | 7 | 6 | 5 | 5 | 5 | 6 | 7 | 5 | 3 | 3 | 6 |
| 13 | 3 | 2 | 3 | 3 | 3 | 3 | 4 | 5 | 7 | 7 | 6 | 5 | 5 | 5 | 5 | 4 | 4 | 5 | 4 | 3 | 2 | 2 | 2 | 1 | 4 |
| 14 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 2 | 2 | 2 | 2 | 2 | 2 |
| 15 | 2 | 2 | 2 | 2 | 2 | 4 | 5 | 3 | 4 | 3 | 4 | 3 | 3 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 4 | 3 | 5 | 3 | 3 |
| 16 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 3 | 4 | 4 | 4 | 13 | 15 | 16 | 27 | 8 | 3 | 3 | 2 | 2 | 1 | 1 | 1 | 2 | 5 |
| 17 | 6 | 3 | 2 | 1 | 1 | 0 | 2 | 2 | 1 | 2 | 2 | 3 | 9 | 9 | 5 | 4 | 6 | 3 | 6 | 10 | 5 | 2 | 2 | 0 | 4 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 7 | 25 | 4 | 3 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 2 |
| 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 | 3 | 0 | 2 | 0 | 1 | 15 | 12 | 4 | 6 | 4 | 12 | 12 | 5 | 5 | 5 | 3 | 2 | 2 | 2 | 4 |
| 21 | 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 |
| 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 6 | 10 | 14 | 15 | 11 | 8 | 1 | 0 | 0 | 0 | 3 |
| 23 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 1 | 1 | 3 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 3 | 1 | 1 | 1 | 0 | 1 |
| 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 2 | 1 | 1 | 1 | 1 | 0 | 1 | 0 |
| 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 2 | 2 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 1 |
| 27 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 3 | 2 | 2 | 2 | 2 |
| 28 | 2 | 2 | 3 | 3 | 3 | 4 | 4 | 4 | 3 | 4 | 4 | 4 | 3 | 3 | 4 | 3 | 2 | 2 | 3 | 3 | 4 | 6 | 5 | 4 | 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 | |
| 2 | 1 | 2 | 1 | 5 | 7 | 11 | 13 | 0 | - | 27 | 0 | - | 6 | 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: FEBRUARY

STATION : VICTORIA PEAK
POLLUTANT : NITROGEN DIOXIDE

YEAR : 2017
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 | T | T | T | T | T | T | T | T | T | T | T | 31 | 28 | 32 | 33 | 38 | 36 | 82 | 74 | 35 | 16 | 9 | 7 | 1 | |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 5 | 8 | 3 | 6 | 7 | 6 | 19 | 19 | 22 | 14 | 3 | 0 | 0 | 0 | 0 | 0 | 5 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 12 | 25 | 25 | 29 | 22 | 23 | 19 | 31 | 45 | 59 | 63 | 51 | 47 | 18 | 6 | 14 | 14 | 21 |
| 4 | 9 | 5 | 3 | 2 | 0 | 0 | 1 | 2 | 13 | 14 | 10 | 8 | 16 | 14 | 11 | 12 | 25 | 42 | 49 | 30 | 40 | 43 | 34 | 10 | 16 |
| 5 | 0 | 2 | 12 | 24 | 1 | 0 | 8 | 8 | 12 | 21 | 27 | 22 | 24 | 25 | 36 | 47 | 41 | 29 | 44 | 80 | 47 | 9 | 20 | 0 | 22 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 11 | 23 | 16 | 16 | 9 | 7 | 6 | 4 | 1 | 7 | 7 | 3 | 2 | 1 | 1 | 1 | 1 | 5 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 2 | 1 | 2 | 6 | 8 | 12 | 14 | 12 | 9 | 5 | 5 | 4 | 5 | 0 | 4 | 4 |
| 8 | 1 | M | 0 | 0 | 0 | 0 | 2 | 7 | 20 | 19 | 13 | 24 | 24 | 30 | 39 | 46 | 56 | 84 | 97 | 101 | 55 | 29 | 23 | 23 | 30 |
| 9 | 19 | 13 | 6 | 3 | 2 | 3 | 9 | 18 | 27 | 33 | 34 | 23 | 25 | 24 | 25 | 30 | 36 | 38 | 48 | 45 | 42 | 36 | 27 | 38 | 25 |
| 10 | 36 | 25 | 16 | 17 | 14 | 16 | 28 | 41 | 65 | 63 | 47 | 32 | 31 | 32 | 45 | 51 | 63 | 63 | 60 | 61 | 51 | 47 | 35 | 39 | 41 |
| 11 | 36 | 25 | 18 | 18 | 19 | 15 | 19 | 28 | 54 | 61 | 48 | 32 | 17 | 18 | 18 | 19 | 7 | 10 | 39 | 54 | 40 | 29 | 15 | 22 | 28 |
| 12 | 15 | 13 | 13 | 7 | 6 | 8 | 11 | 24 | 42 | 36 | 44 | 39 | 51 | 34 | 16 | 9 | 17 | 28 | 35 | 26 | 24 | 21 | 14 | 5 | 22 |
| 13 | 6 | 2 | 1 | 1 | 0 | 2 | 10 | 28 | 51 | 39 | 22 | 17 | 11 | 14 | 25 | 20 | 16 | 12 | 8 | 10 | 6 | 11 | 4 | 4 | 13 |
| 14 | 2 | 0 | 0 | 0 | 0 | 0 | 1 | 5 | 10 | 11 | 8 | 13 | 8 | 10 | 11 | 5 | 27 | 7 | 7 | 7 | 8 | 5 | 7 | 6 | 7 |
| 15 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 5 | 18 | 21 | 24 | 19 | 16 | 12 | 2 | 10 | 9 | 15 | 7 | 4 | 3 | 4 | 3 | 4 | 8 |
| 16 | 2 | 1 | 0 | 0 | 0 | 0 | 2 | 8 | 27 | 50 | 61 | 50 | 49 | 51 | 52 | 36 | 37 | 44 | 8 | 23 | 20 | 7 | 0 | 6 | 22 |
| 17 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 43 | 46 | 47 | 33 | 28 | 22 | 35 | 42 | 52 | 97 | 106 | 60 | 3 | 37 | 0 | 28 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 5 | 32 | 73 | 43 | 16 | 6 | 9 | 19 | 34 | 21 | 14 | 7 | 1 | 4 | 1 | 1 | 12 |
| 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 3 | 7 | 6 | 8 | 8 | 11 | 13 | 17 | 14 | 20 | 1 | 14 | 4 | 3 | 0 | 0 | 5 |
| 20 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 15 | 26 | 35 | 55 | 47 | 42 | 28 | 35 | 40 | 40 | 24 | 26 | 53 | 13 | 4 | 0 | 5 | 21 |
| 21 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 5 | 10 | 10 | 10 | 7 | 1 | 7 | 13 | 2 | 7 | 4 | 1 | 0 | 0 | 3 | 4 |
| 22 | 0 | M | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 13 | 21 | 23 | 16 | 25 | 48 | 45 | 55 | 50 | 50 | 32 | 16 | 8 | 0 | 0 | 18 |
| 23 | 0 | 0 | 0 | 0 | 0 | 11 | 21 | 27 | 42 | 39 | 35 | 27 | 25 | 27 | 33 | 35 | 41 | 43 | 50 | 47 | 47 | 50 | 48 | 48 | 29 |
| 24 | 41 | 35 | 21 | 12 | 14 | 8 | 10 | 26 | 30 | 36 | 36 | 33 | 33 | 32 | 35 | 45 | 48 | 57 | 64 | 64 | 59 | 59 | 54 | 50 | 38 |
| 25 | 41 | 29 | 15 | 16 | 18 | 21 | 25 | 29 | 33 | 35 | 39 | 37 | 37 | 34 | 42 | 47 | 60 | 67 | 62 | 57 | 58 | 55 | 50 | 47 | 40 |
| 26 | 25 | 22 | 29 | 27 | 14 | 5 | 2 | 15 | 27 | 27 | 29 | 46 | 44 | 36 | 33 | 28 | 21 | 43 | 41 | 47 | 55 | 49 | 26 | 24 | 30 |
| 27 | 23 | 14 | 3 | 3 | 2 | 2 | 8 | 12 | 19 | 16 | 12 | 10 | 9 | 5 | 5 | 13 | 13 | 12 | 12 | 14 | 16 | 7 | 1 | 2 | 10 |
| 28 | 2 | 1 | 0 | 0 | 0 | 0 | 2 | 12 | 19 | 34 | 16 | 22 | 13 | 16 | 23 | 29 | 13 | 9 | 10 | 29 | 11 | 14 | 16 | 14 | 13 |

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 | | |
| 15 | 14 | 19 | 14 | 47 | 55 | 63 | 77 | 0 | - | 106 | 4 | - | 41 | 3 | 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

STATION : CHUNG HOM KOK ZONE SUBSTATION
POLLUTANT : SULPHUR DIOXIDE

MONTH: FEBRUARY

YEAR : 2017

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 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 3 | 2 | 2 | 1 | 1 | 2 | 1 |
| 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 2 | 2 | 1 | 2 | 1 | 1 | 1 | 0 | 1 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 3 | 2 | 1 | 2 | 2 | 1 | 2 | 2 | 1 |
| 4 | 2 | 1 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 2 | 1 | 0 | 0 | 1 | 1 |
| 5 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 5 | 5 | 8 | 5 | 8 | 11 | 9 | 15 | 8 | 7 | 2 | 4 | 3 | 3 | 4 | 2 | 4 |
| 6 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 2 | 2 | 1 | M | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 4 | 3 | 2 |
| 7 | 3 | 3 | 3 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 2 | 1 | 1 | 1 | 2 | 2 | 1 | 1 | 2 |
| 8 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 4 | 2 | 0 | 0 | 0 | 1 |
| 9 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 3 | 2 | 2 | 2 | 1 |
| 10 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 5 | 4 | 4 |
| 11 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 6 | 5 | 6 | 5 | 4 | 4 | 3 | 4 | 4 | 4 | 5 | 5 | 4 | 5 | 4 |
| 12 | 5 | 4 | 5 | 4 | 4 | 4 | 4 | 5 | 7 | 9 | 8 | 7 | 7 | 8 | 7 | 6 | 6 | 6 | 6 | 9 | 7 | 6 | 4 | 4 | 6 |
| 13 | 3 | 3 | 4 | 4 | 4 | 4 | 5 | 7 | 9 | 8 | 7 | 6 | 6 | 5 | 4 | 5 | 5 | 5 | 3 | 3 | 3 | 2 | 2 | 1 | 5 |
| 14 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 3 | 3 | 2 | 2 | 2 | 2 | 1 | 1 | 4 | 2 |
| 15 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 6 | 5 | 6 | 6 | 5 | 5 | 5 | 6 | 5 | 6 | 5 | 5 | 5 | 5 | 5 | 4 | 5 |
| 16 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 4 | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 3 | 3 | 2 | 2 | 4 | 12 | 10 | 8 | 5 |
| 17 | 6 | 3 | 2 | 2 | 1 | 5 | 5 | 6 | 6 | 8 | 3 | 2 | 2 | 3 | 1 | 1 | 2 | 3 | 2 | 1 | 1 | 4 | 5 | 2 | 3 |
| 18 | 1 | 1 | 1 | 1 | 3 | 4 | 4 | 3 | 4 | 13 | 28 | 4 | 4 | 2 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 2 | 1 | 1 | 3 |
| 19 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 20 | 1 | 2 | 1 | 1 | 4 | 10 | 2 | 1 | 1 | 1 | 2 | 2 | 2 | 1 | 4 | 3 | 2 | 3 | 2 | 3 | 4 | 5 | 6 | 3 | 3 |
| 21 | 2 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| 22 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 23 | 2 | 2 | 2 | 3 | 25 | 20 | 10 | 17 | 18 | 14 | 9 | 3 | 2 | 2 | 2 | 2 | 3 | 3 | 2 | 1 | 1 | 1 | 0 | 1 | 6 |
| 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 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 5 | 5 | 3 | 2 | 2 | 1 | 1 | 1 | 1 |
| 26 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 3 | 2 | 3 | 8 | 5 | 2 | 1 | 2 | 2 | 2 | 3 | 3 | 2 | 2 | 2 | 2 |
| 27 | 1 | 2 | 1 | 1 | 1 | 2 | 2 | 2 | 3 | 4 | 4 | 6 | 4 | 4 | 4 | 4 | 4 | 5 | 4 | 3 | 2 | 2 | 2 | 2 | 3 |
| 28 | 1 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 4 | 3 | 4 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 5 | 4 | 3 | 4 | 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 | | |
| 2 | 2 | 3 | 2 | 5 | 7 | 9 | 13 | 0 | - | 28 | 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: FEBRUARY

STATION : CHUNG HOM KOK ZONE SUBSTATION
POLLUTANT : NITROGEN DIOXIDE

YEAR : 2017
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 | 1 | 0 | 3 | 8 | 5 | 6 | 6 | 4 | 2 | 1 | 1 | 1 | 5 | 3 | 5 | 1 | 0 | 1 | 0 | 0 | 2 |
| 2 | 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 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 3 | 4 | 4 | 2 | 2 | 4 | 5 | 11 | 7 | 9 | 11 | 5 | 1 | 2 | 4 | 3 |
| 4 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 2 | 4 | 1 | 0 | 0 | 1 | 1 | 2 | 1 | 3 | 5 | 46 | 52 | 28 | 18 | 17 | 10 | 8 |
| 5 | 2 | 4 | 3 | 4 | 2 | 0 | 0 | 2 | 29 | 38 | 41 | 34 | 41 | 46 | 41 | 41 | 23 | 29 | 10 | 20 | 8 | 11 | 3 | 0 | 18 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 3 | 2 | 3 | 0 | M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 2 | 3 | 1 | 0 | 0 |
| 8 | 0 | M | 1 | 0 | 0 | 0 | 0 | 1 | 3 | 6 | 2 | 4 | 1 | 3 | 3 | 12 | 22 | 25 | 26 | 40 | 46 | 23 | 10 | 12 | 10 |
| 9 | 10 | 5 | 2 | 1 | 1 | 1 | 3 | 12 | 22 | 23 | 22 | 23 | 27 | 24 | 22 | 23 | 20 | 20 | 18 | 14 | 9 | 13 | 14 | 23 | 15 |
| 10 | 18 | 19 | 13 | 4 | 4 | 6 | 9 | 15 | 17 | 10 | 9 | 9 | 8 | 8 | 14 | 13 | 16 | 20 | 21 | 22 | 21 | 14 | 11 | 8 | 13 |
| 11 | 8 | 6 | 6 | 7 | 6 | 4 | 4 | 13 | 50 | 30 | 12 | 14 | 8 | 9 | 8 | 8 | 8 | 11 | 8 | 11 | 12 | 15 | 8 | 7 | 11 |
| 12 | 8 | 6 | 5 | 4 | 3 | 4 | 7 | 12 | 12 | 10 | 13 | 10 | 11 | 12 | 9 | 8 | 10 | 12 | 8 | 10 | 9 | 9 | 4 | 3 | 8 |
| 13 | 2 | 3 | 3 | 3 | 3 | 3 | 6 | 12 | 16 | 15 | 6 | 4 | 6 | 5 | 5 | 6 | 7 | 9 | 5 | 2 | 3 | 3 | 1 | 2 | 5 |
| 14 | 2 | 0 | 0 | 0 | 0 | 1 | 1 | 3 | 2 | 2 | 1 | 1 | 1 | 2 | 5 | 6 | 7 | 6 | 8 | 7 | 9 | 4 | 3 | 3 | 3 |
| 15 | 2 | 1 | 1 | 0 | 0 | 1 | 3 | 3 | 2 | 2 | 3 | 2 | 1 | 1 | 3 | 3 | 6 | 11 | 7 | 6 | 5 | 4 | 3 | 0 | 3 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 6 | 6 | 11 | 5 | 4 | 6 | 3 | 4 | 5 | 5 | 8 | 3 | 2 | 5 | 17 | 8 | 7 | 5 |
| 17 | 4 | 2 | 1 | 1 | 1 | 31 | 33 | 49 | 28 | 26 | 6 | 1 | 2 | 4 | 2 | 2 | 2 | 9 | 7 | 3 | 1 | 4 | 5 | 5 | 10 |
| 18 | 0 | 0 | 0 | 0 | 3 | 8 | 5 | 9 | 9 | 31 | 39 | 3 | 2 | 4 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 2 | 0 | 5 |
| 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 2 | 6 | 6 | 5 | 0 | 1 | 0 | 0 | 0 | 1 |
| 20 | 0 | 0 | 0 | 0 | 13 | 39 | 6 | 15 | 7 | 8 | 14 | 8 | 1 | 1 | 5 | 6 | 7 | 17 | 22 | 11 | 5 | 10 | 12 | 0 | 9 |
| 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22 | 0 | M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 1 | 5 | 2 | 3 | 4 | 8 | 17 | 3 | 0 | 0 | 0 | 0 | 6 | 2 |
| 23 | 4 | 6 | 3 | 8 | 52 | 50 | 49 | 51 | 47 | 46 | 44 | 41 | 33 | 37 | 43 | 48 | 47 | 49 | 50 | 48 | 43 | 41 | 39 | 12 | 37 |
| 24 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 5 | 3 | 12 | 27 | 23 | 23 | 23 | 19 | 23 | 32 | 35 | 49 | 37 | 27 | 21 | 7 | 8 | 16 |
| 25 | 6 | 4 | 3 | 4 | 3 | 6 | 9 | 13 | 21 | 31 | 19 | 21 | 24 | 24 | 22 | 36 | 49 | 62 | 63 | 64 | 63 | 59 | 56 | 52 | 30 |
| 26 | 49 | 44 | 39 | 27 | 12 | 5 | 7 | 10 | 21 | 38 | 39 | 37 | 35 | 15 | 7 | 7 | 8 | 10 | 11 | 10 | 10 | 8 | 3 | 5 | 19 |
| 27 | 9 | 10 | 3 | 3 | 3 | 5 | 4 | 5 | 4 | 4 | 3 | 5 | 2 | 2 | 4 | 5 | 8 | 12 | 7 | 4 | 5 | 3 | 3 | 2 | 5 |
| 28 | 1 | 2 | 1 | 0 | 1 | 0 | 1 | 4 | 3 | 3 | 2 | 3 | 3 | 2 | 4 | 5 | 8 | 9 | 5 | 5 | 5 | 7 | 7 | 7 | 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 | | |
| 6 | 4 | 9 | 4 | 26 | 41 | 49 | 52 | 0 | - | 64 | 0 | - | 37 | 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: FEBRUARY

STATION : VICTORIA ROAD SUBSTATION
POLLUTANT : SULPHUR DIOXIDE

YEAR : 2017
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 | 1 | 2 | 3 | 2 | 0 | 0 | 1 | 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 | 1 | 0 | |
| 3 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 0 | 1 |
| 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 | 0 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 4 | 2 | 2 | 2 | 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 | 1 | 0 |
| 7 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 6 | 1 | 1 | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 1 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 10 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 1 |
| 11 | 1 | 1 | 1 | 2 | 2 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| 12 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 3 | 3 | 4 | 4 | 3 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| 13 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| 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 | 1 |
| 15 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 16 | 1 | 0 | 1 | 0 | 1 | 1 | 1 | 1 | 2 | 9 | 5 | 5 | 4 | 20 | 14 | 3 | 2 | 4 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 4 |
| 17 | 2 | 3 | 3 | 2 | 2 | 1 | 1 | 2 | 3 | 4 | 7 | 6 | 6 | 3 | 3 | 9 | 4 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 1 | 3 |
| 18 | 1 | 1 | 1 | 1 | 1 | 1 | 3 | 3 | 5 | 10 | 20 | 18 | 5 | 3 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 4 |
| 19 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 2 | 2 | 2 | 3 | 1 | |
| 20 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 4 | 4 | 5 | 11 | 8 | 5 | 5 | 5 | 9 | 5 | 6 | 5 | 3 | 3 | 2 | 2 | 2 | 2 | 4 |
| 21 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | M | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 22 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 4 | 7 | 7 | 9 | 8 | 6 | 4 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 23 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 3 |
| 24 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 1 |
| 25 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 2 | 2 |
| 26 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 5 | 5 | 4 | 3 | 2 | 2 | 2 | 2 | 1 | 3 |
| 27 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 28 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 1 | 1 | 1 | 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 | |
| 2 | 1 | 2 | 1 | 3 | 4 | 7 | 9 | 0 | - | 20 | 0 | - | 4 | 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: FEBRUARY

STATION : VICTORIA ROAD SUBSTATION
POLLUTANT : NITROGEN DIOXIDE

YEAR : 2017
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 | 14 | 14 | 14 | 17 | 22 | 19 | 22 | 24 | 25 | 28 | 36 | 38 | 44 | 32 | 26 | 26 | 43 | 32 | 35 | 27 | 18 | 17 | 15 | 16 | 25 |
| 2 | 15 | 15 | 14 | 13 | 13 | 13 | 15 | 18 | 19 | 19 | 19 | 18 | 20 | 19 | 19 | 21 | 20 | 21 | 19 | 16 | 16 | 15 | 15 | 10 | 17 |
| 3 | 9 | 9 | 9 | 8 | 7 | 8 | 11 | 14 | 20 | 22 | 22 | 21 | 19 | 19 | 26 | 23 | 25 | 35 | 43 | 32 | 34 | 37 | 30 | 24 | 21 |
| 4 | 20 | 15 | 12 | 12 | 10 | 11 | 14 | 14 | 19 | 18 | 16 | 15 | 24 | 25 | 19 | 17 | 18 | 20 | 36 | 35 | 31 | 34 | 32 | 28 | 21 |
| 5 | 15 | 18 | 21 | 21 | 17 | 16 | 15 | 28 | 31 | 28 | 29 | 32 | 40 | 43 | 49 | 53 | 57 | 52 | 52 | 48 | 49 | 46 | 39 | 16 | 34 |
| 6 | 12 | 12 | 11 | 10 | 9 | 14 | 23 | 22 | 23 | 24 | 20 | 18 | 16 | 16 | 15 | 15 | 18 | 17 | 16 | 14 | 13 | 13 | 13 | 12 | 16 |
| 7 | 10 | 9 | 9 | 8 | 8 | 8 | 12 | 14 | 13 | 13 | 13 | 14 | 16 | 16 | 18 | 20 | 18 | 18 | 16 | 14 | 13 | 13 | 12 | 14 | 13 |
| 8 | 12 | M | 11 | 11 | 11 | 11 | 15 | 22 | 26 | 30 | 25 | 27 | 35 | 52 | 55 | 38 | 44 | 54 | 48 | 48 | 40 | 36 | 27 | 23 | 30 |
| 9 | 20 | 17 | 16 | 17 | 17 | 14 | 16 | 23 | 26 | 29 | 29 | M | 29 | 25 | 30 | 28 | 25 | 27 | 27 | 25 | 23 | 21 | 19 | 18 | 23 |
| 10 | 18 | 15 | 12 | 11 | 12 | 14 | 14 | 19 | 26 | 30 | 28 | 21 | 20 | 20 | 30 | 27 | 31 | 31 | 28 | 28 | 25 | 20 | 20 | 21 | 22 |
| 11 | 20 | 17 | 19 | 16 | 14 | 14 | 17 | 20 | 27 | 28 | 28 | 26 | 29 | 15 | 14 | 17 | 15 | 13 | 23 | 31 | 28 | 20 | 14 | 13 | 20 |
| 12 | 13 | 11 | 12 | 10 | 10 | 11 | 14 | 18 | 21 | 25 | 30 | 38 | 44 | 19 | 16 | 15 | 15 | 15 | 18 | 27 | 24 | 23 | 15 | 10 | 19 |
| 13 | 11 | 9 | 8 | 8 | 8 | 8 | 11 | 17 | 24 | 26 | 20 | 15 | 15 | 14 | 16 | 18 | 21 | 22 | 19 | 14 | 11 | 11 | 10 | 9 | 14 |
| 14 | 9 | 8 | 6 | 7 | 6 | 7 | 9 | 15 | 17 | 18 | 14 | 16 | 13 | 14 | 14 | 23 | 21 | 14 | 16 | 13 | 13 | 11 | 10 | 9 | 13 |
| 15 | 9 | 8 | 7 | 6 | 6 | 7 | 11 | 12 | 17 | 19 | 17 | 17 | 17 | 15 | 12 | 17 | 20 | 18 | 16 | 18 | 15 | 12 | 12 | 9 | 13 |
| 16 | 7 | 6 | 5 | 5 | 4 | 12 | 23 | 24 | 30 | 41 | 29 | 34 | 32 | 61 | 46 | 19 | 16 | 33 | 44 | 36 | 39 | 31 | 37 | 32 | 27 |
| 17 | 19 | 35 | 35 | 27 | 20 | 11 | 15 | 28 | 28 | 25 | 35 | 34 | 32 | 19 | 18 | 36 | 19 | 18 | 27 | 35 | 37 | 36 | 31 | 15 | 26 |
| 18 | 14 | 11 | 8 | 5 | 5 | 11 | 20 | 23 | 26 | 29 | 50 | 50 | 32 | 23 | 18 | 20 | 20 | 21 | 17 | 15 | 12 | 11 | 9 | 6 | 19 |
| 19 | 5 | 4 | 3 | 3 | 3 | 2 | 3 | 5 | 6 | 6 | 7 | 8 | 9 | 9 | 10 | 11 | 18 | 22 | 21 | 28 | 26 | 28 | 22 | 27 | 12 |
| 20 | 26 | 25 | 28 | 26 | 18 | 16 | 26 | 33 | 28 | 31 | 33 | 41 | 19 | 21 | 18 | 27 | 24 | 36 | 38 | 37 | 32 | 21 | 14 | 26 | 27 |
| 21 | 26 | 14 | 6 | 5 | 4 | 4 | 6 | 9 | 9 | 9 | 10 | 11 | 11 | 10 | 10 | M | 11 | 12 | 9 | 8 | 7 | 6 | 7 | 9 | |
| 22 | 7 | M | 3 | 2 | 4 | 7 | 11 | 19 | 19 | 24 | 38 | 29 | 33 | 34 | 34 | 30 | 25 | 36 | 33 | 31 | 30 | 29 | 29 | 25 | 23 |
| 23 | 24 | 23 | 22 | 23 | 19 | 20 | 17 | 17 | 17 | 18 | 18 | 18 | 18 | 18 | 19 | 19 | 20 | 19 | 20 | 20 | 20 | 20 | 20 | 19 | 20 |
| 24 | 18 | 15 | 13 | 15 | 13 | 11 | 13 | 15 | 17 | 19 | 21 | 20 | 19 | 19 | 20 | 23 | 24 | 25 | 28 | 29 | 27 | 27 | 26 | 24 | 20 |
| 25 | 24 | 22 | 20 | 17 | 16 | 16 | 15 | 15 | 16 | 18 | 19 | 19 | 19 | 22 | 23 | 27 | 28 | 29 | 30 | 29 | 28 | 28 | 27 | 24 | 22 |
| 26 | 24 | 24 | 23 | 22 | 18 | 13 | 15 | 18 | 19 | 22 | 23 | 23 | 24 | 34 | 35 | 28 | 32 | 35 | 32 | 25 | 24 | 23 | 19 | 17 | 24 |
| 27 | 16 | 13 | 9 | 9 | 7 | 7 | 9 | 12 | 17 | 14 | 13 | 15 | 15 | 13 | 13 | 14 | 18 | 16 | 17 | 15 | 14 | 12 | 11 | 8 | 13 |
| 28 | 7 | 7 | 6 | 5 | 5 | 6 | 9 | 15 | 17 | 21 | 16 | 15 | 14 | 16 | 18 | 20 | 16 | 16 | 15 | 20 | 25 | 21 | 18 | 14 | 14 |

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 | |
| 17 | 18 | 20 | 18 | 33 | 38 | 48 | 52 | 2 | - | 61 | 9 | - | 34 | 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: FEBRUARY

STATION : POK FU LAM
POLLUTANT : SULPHUR DIOXIDE

YEAR : 2017
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 | 1 | 3 | 3 | 1 | 1 | 3 | 7 | 11 | 20 | 16 | 15 | 15 | 9 | 7 | 14 | 13 | 6 | 4 | 2 | 1 | 1 | 1 | 6 |
| 2 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 1 | 1 | 6 | 3 | 5 | 6 | 2 | 4 | 3 | 2 | 7 | 8 | 2 |
| 4 | 4 | 2 | 3 | 7 | 6 | 3 | 2 | 2 | 4 | 7 | 12 | 5 | 8 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 0 | 1 | 0 | 3 | |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 3 | 9 | 4 | 6 | 6 | 13 | 9 | 8 | 11 | 17 | 22 | 27 | 15 | 13 | 8 | 6 | 3 | 8 |
| 6 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 2 | 2 | 1 | 0 | 1 | 0 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 1 |
| 7 | 2 | 3 | 3 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 1 | 2 | 17 | 16 | 17 | 7 | 10 | 7 | 10 | 22 | 4 | 2 | 1 | 0 | 5 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 2 | 2 | 4 | 9 | 4 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 10 | 2 | 2 | 3 | 2 | 3 | 3 | 3 | 4 | 5 | 7 | 6 | 5 | 5 | 5 | 7 | 9 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 5 | 5 |
| 11 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 6 | 6 | 6 | 6 | 5 | 8 | 10 | 11 | 5 | 4 | 4 | 4 | 5 | 4 | 3 | 3 | 5 |
| 12 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 3 | 7 | 13 | 9 | 10 | 13 | 10 | 8 | 6 | 5 | 5 | 5 | 4 | 7 | 9 | 3 | 2 | 6 |
| 13 | 2 | 1 | 1 | 2 | 3 | 4 | 4 | 6 | 7 | 7 | 6 | 5 | 5 | 5 | 4 | 6 | 5 | 4 | 3 | 2 | 1 | 1 | 1 | 2 | 4 |
| 14 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | M | M | 2 | 1 | 2 | 2 | 2 | 3 | 4 | 2 | 2 | 2 | 2 | 1 | 2 |
| 15 | 1 | 2 | 2 | 2 | 3 | 4 | 4 | 3 | 5 | 5 | 5 | 3 | 3 | 3 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 |
| 16 | 2 | 2 | 2 | 1 | 1 | 1 | 3 | 8 | 9 | 35 | 22 | 24 | 21 | 35 | 49 | 7 | 3 | 18 | 17 | 11 | 7 | 10 | 4 | 13 | |
| 17 | 5 | 4 | 2 | 2 | 3 | 2 | 2 | 3 | 4 | 13 | 37 | 19 | 18 | 10 | 16 | 11 | 7 | 6 | 6 | 5 | 3 | 4 | 1 | 8 | |
| 18 | 2 | 4 | 2 | 0 | 0 | 0 | 8 | 13 | 12 | 30 | 52 | 47 | 26 | 13 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 9 |
| 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 | 4 | 14 | 6 | 6 | 13 | 19 | 30 | 4 |
| 20 | 32 | 21 | 19 | 15 | 8 | 6 | 22 | 24 | 33 | 51 | 47 | 22 | 11 | 18 | 12 | 35 | 18 | 17 | 39 | 22 | 12 | 8 | 4 | 24 | 22 |
| 21 | 20 | 5 | 2 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 22 | 0 | 0 | 0 | 0 | 1 | 3 | 2 | 4 | 6 | 12 | 41 | 62 | 47 | 62 | 38 | 27 | 16 | 22 | 34 | 20 | 26 | 18 | 28 | 20 | 20 |
| 23 | 21 | 18 | 19 | 21 | 11 | 8 | 6 | 8 | 8 | 8 | 8 | 7 | 5 | 5 | 4 | 6 | 5 | 4 | 6 | 3 | 2 | 2 | 3 | 3 | 8 |
| 24 | 3 | 2 | 1 | 2 | 1 | 1 | 1 | 1 | 2 | 3 | 3 | 2 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 1 |
| 25 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 |
| 26 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 2 | 2 | 5 | 4 | 4 | 5 | 11 | 12 | 19 | 17 | 9 | 4 | 3 | 2 | 1 | 1 | 4 |
| 27 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 3 | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 3 | 2 | 2 | 2 | 2 |
| 28 | 2 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 5 | 20 | 9 | 4 | 4 | 3 | 3 | 2 | 2 | 3 | 2 | 4 | 9 | 15 | 6 | 3 | 5 |

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 | 5 | 3 | 15 | 22 | 35 | 47 | 0 | - | 62 | 0 | - | 22 | 3 | 100 | 0 |

- NOTES: 1. FLAGS FOR INVALID DATA :
D: DYNAMIC CALIBRATION
T: TELEMETRY/DATALOGGR FAULT
M: MAINTENANCE OR ANALYZER FAULT
P: POWER FAILURE
2. BRACKETED READINGS EXCEED 24-HR OBJECTIVE 125

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

STATION : POK FU LAM
POLLUTANT : NITROGEN DIOXIDE

YEAR : 2017
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 | 14 | 15 | 23 | 29 | 26 | 19 | 23 | 38 | 43 | 43 | 42 | 46 | 53 | 42 | 28 | 25 | 41 | 46 | 56 | 53 | 24 | 22 | 16 | 12 | 32 |
| 2 | 11 | 9 | 8 | 7 | 6 | 6 | 11 | 17 | 22 | 23 | 21 | 22 | 23 | 22 | 19 | 18 | 18 | 24 | 17 | 13 | 11 | 9 | 9 | 8 | 15 |
| 3 | 7 | 8 | 6 | 6 | 4 | 5 | 10 | 17 | 24 | 34 | 26 | 34 | 19 | 21 | 36 | 29 | 42 | 61 | 48 | 58 | 62 | 60 | 74 | 62 | 31 |
| 4 | 37 | 21 | 21 | 34 | 25 | 14 | 17 | 15 | 25 | 34 | 41 | 30 | 33 | 22 | 25 | 27 | 31 | 26 | 64 | 64 | 45 | 33 | 53 | 23 | 32 |
| 5 | 9 | 14 | 46 | 35 | 15 | 16 | 27 | 42 | 50 | 45 | 43 | 43 | 52 | 47 | 52 | 68 | 80 | 70 | 107 | 109 | 111 | 84 | 71 | 14 | 52 |
| 6 | 11 | 9 | 8 | 9 | 7 | 9 | 16 | 21 | 41 | 25 | 23 | 18 | 17 | 22 | 19 | 17 | 20 | 22 | 20 | 20 | 16 | 13 | 14 | 12 | 17 |
| 7 | 10 | 8 | 8 | 6 | 6 | 6 | 9 | 13 | 20 | 17 | 16 | 18 | 22 | 23 | 21 | 23 | 29 | 35 | 24 | 21 | 20 | 19 | 15 | 8 | 17 |
| 8 | 6 | 6 | 7 | 7 | 7 | 8 | 14 | 25 | 42 | 38 | 32 | 35 | 52 | 49 | 43 | 46 | 73 | 104 | 106 | 96 | 64 | 53 | 38 | 31 | 41 |
| 9 | 27 | 22 | 21 | 21 | 21 | 15 | 22 | 41 | 43 | 47 | 40 | 38 | 34 | 32 | 42 | 40 | 46 | 47 | 57 | 54 | 43 | 30 | 38 | 39 | 36 |
| 10 | 42 | 26 | 21 | 21 | 23 | 29 | 35 | 57 | 70 | 78 | 66 | 35 | 34 | 39 | 48 | 53 | 65 | 65 | 64 | 62 | 54 | 38 | 42 | 42 | 46 |
| 11 | 45 | 32 | 45 | 31 | 27 | 31 | 41 | 57 | 67 | 64 | 57 | 36 | 21 | 22 | 30 | 39 | 27 | 28 | 45 | 70 | 63 | 40 | 30 | 30 | 41 |
| 12 | 31 | M | 17 | 16 | 14 | 14 | 18 | 28 | 37 | 46 | 52 | 50 | 60 | 30 | 22 | 18 | 20 | 20 | 39 | 74 | 50 | 39 | 23 | 18 | 32 |
| 13 | 15 | 15 | 12 | 10 | 9 | 9 | 14 | 29 | 54 | 75 | 35 | 25 | 23 | 25 | 33 | 33 | 35 | 37 | 31 | 29 | 34 | 23 | 20 | 12 | 27 |
| 14 | 11 | 8 | 6 | 6 | 5 | 7 | 8 | 12 | 14 | 14 | M | M | 13 | 15 | 25 | 16 | 31 | 27 | 28 | 27 | 22 | 19 | 20 | 14 | 16 |
| 15 | 12 | 8 | 7 | 5 | 5 | 7 | 11 | 21 | 30 | 31 | 32 | 29 | 25 | 24 | 14 | 18 | 18 | 39 | 26 | 26 | 19 | 22 | 30 | 12 | 20 |
| 16 | 21 | 11 | 6 | 6 | 6 | 8 | 33 | 81 | 64 | 77 | 58 | 62 | 65 | 75 | 69 | 30 | 29 | 60 | 109 | 124 | 117 | 120 | 123 | 73 | 59 |
| 17 | 68 | 43 | 27 | 28 | 43 | 22 | 64 | 79 | 70 | 82 | 82 | 67 | 54 | 30 | 34 | 33 | 33 | 39 | 79 | 111 | 117 | 100 | 110 | 46 | 61 |
| 18 | 60 | 81 | 47 | 14 | 10 | 21 | 67 | 79 | 74 | 90 | 90 | 75 | 63 | 44 | 21 | 28 | 35 | 41 | 44 | 41 | 36 | 26 | 24 | 16 | 47 |
| 19 | 13 | 12 | 9 | 8 | 7 | 8 | 9 | 15 | 18 | 22 | 21 | 18 | 19 | 20 | 23 | 26 | 33 | 48 | 60 | 54 | 78 | 87 | 85 | 102 | 33 |
| 20 | 95 | 77 | 77 | 70 | 45 | 31 | 77 | 88 | 91 | 85 | 82 | 70 | 34 | 51 | 32 | 51 | 46 | 52 | 107 | 95 | 88 | 77 | 30 | 91 | 68 |
| 21 | 81 | 24 | 7 | 8 | 7 | 6 | 7 | 15 | 25 | 20 | 20 | 18 | 17 | 21 | 19 | 23 | 28 | 27 | 26 | 23 | 19 | 14 | 14 | 11 | 20 |
| 22 | 9 | 8 | 6 | 7 | 16 | 32 | 29 | 56 | 63 | 67 | 69 | 76 | 70 | 77 | 69 | 66 | 59 | 79 | 95 | 92 | 96 | 92 | 91 | 86 | 59 |
| 23 | 85 | 83 | 76 | 73 | 60 | 60 | 54 | 50 | 49 | 48 | 46 | 41 | 39 | 39 | 40 | 40 | 41 | 45 | 50 | 53 | 56 | 55 | 59 | 56 | 54 |
| 24 | 50 | 40 | 37 | 46 | 41 | 36 | 37 | 45 | 49 | 50 | 51 | 49 | 46 | 50 | 51 | 59 | 58 | 64 | 70 | 76 | 72 | 71 | 68 | 65 | 53 |
| 25 | 62 | 54 | 51 | 43 | 37 | 42 | 41 | 40 | 44 | 47 | 47 | 44 | 42 | 34 | 41 | 66 | 66 | 68 | 67 | 64 | 63 | 64 | 60 | 58 | 52 |
| 26 | 53 | M | 52 | 52 | 33 | 16 | 24 | 46 | 50 | 51 | 48 | 47 | 43 | 48 | 53 | 49 | 64 | 84 | 81 | 51 | 55 | 45 | 45 | 30 | 49 |
| 27 | 30 | 24 | 21 | 16 | 16 | 11 | 19 | 21 | 21 | 20 | 21 | 19 | 16 | 15 | 17 | 22 | 26 | 26 | 29 | 31 | 35 | 28 | 14 | 13 | 21 |
| 28 | 11 | 10 | 10 | 8 | 6 | 8 | 11 | 18 | 21 | 55 | 41 | 34 | 26 | 16 | 25 | 28 | 37 | 30 | 30 | 52 | 79 | 85 | 52 | 29 | 30 |

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 | |
| 30 | 32 | 38 | 32 | 74 | 85 | 103 | 110 | 4 | - | 124 | 15 | - | 68 | 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: FEBRUARY

STATION : AP LEI CHAU
POLLUTANT : SULPHUR DIOXIDE

YEAR : 2017
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 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 6 | 5 | 9 | 5 | 3 | 17 | 11 | 3 | 3 | 2 | 3 | 2 | 3 | 4 |
| 2 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 1 | 2 | 1 | 2 |
| 3 | 1 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 4 | 3 | 3 | 3 | 3 | 3 | 2 |
| 4 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 2 | 3 | 2 | 2 | 2 | 3 | 3 | 2 | 2 | 2 | 2 | 4 | 3 | 4 | 6 | 3 | 1 | 3 |
| 5 | 1 | 2 | 3 | 2 | 1 | 1 | 0 | 15 | 12 | 7 | 13 | 5 | 12 | 13 | 12 | 32 | 21 | 27 | 70 | 89 | 20 | 8 | 4 | 5 | 16 |
| 6 | 3 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 3 | 2 | 3 | 4 | 3 | 4 | 4 | 4 | 5 | 2 |
| 7 | 7 | 7 | 7 | 5 | 4 | 3 | 4 | 4 | 4 | 4 | 3 | 3 | 3 | 3 | M | 4 | 3 | 3 | 2 | 1 | 2 | 2 | 3 | 4 | |
| 8 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 2 | 30 | 22 | 5 | 11 | 37 | 30 | 34 | 18 | 4 | 2 | 1 | 9 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 2 | 2 | 5 | 3 | 2 | 2 | 2 | 3 | 3 | 2 | 1 | 2 | 1 |
| 10 | 3 | 3 | 4 | 4 | 4 | 3 | 4 | 4 | 8 | 7 | 5 | 6 | 6 | 6 | 6 | 11 | 8 | 7 | 7 | 7 | 7 | 6 | 5 | 5 | 6 |
| 11 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 8 | 6 | 6 | 7 | 6 | 5 | 4 | 5 | 5 | 6 | 5 | 5 | 5 | 5 | 6 |
| 12 | 4 | 5 | 4 | 4 | 4 | 4 | 4 | 5 | 8 | 7 | 16 | 18 | 16 | 8 | 7 | 6 | 6 | 7 | 6 | 8 | 9 | 6 | 4 | 3 | 7 |
| 13 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 6 | 8 | 7 | 6 | 6 | 6 | 6 | 5 | 5 | 6 | 5 | 4 | 3 | 3 | 2 | 2 | 4 | 5 |
| 14 | 4 | 3 | 4 | 4 | 3 | 4 | 4 | 3 | 4 | 4 | 4 | 3 | 3 | 3 | 4 | 5 | 5 | 5 | 5 | 5 | 7 | 6 | 5 | 3 | 4 |
| 15 | 3 | 3 | 3 | 3 | 3 | 4 | 5 | 4 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 3 | 4 | 5 | 3 | 5 | 5 | 4 | 7 | 5 | 4 |
| 16 | 4 | 3 | 4 | 3 | 3 | 3 | 3 | 4 | 4 | 57 | 22 | 20 | 19 | 37 | 36 | 8 | 6 | 19 | 14 | 8 | 3 | 7 | 10 | 9 | 13 |
| 17 | 11 | 8 | 5 | 4 | 8 | 9 | 8 | 5 | 6 | 37 | 27 | 28 | 28 | 5 | 4 | 8 | 7 | 5 | 5 | 4 | 4 | 5 | 4 | 4 | 10 |
| 18 | 4 | 2 | 2 | 2 | 3 | 15 | 20 | 48 | 32 | 62 | 67 | 30 | 5 | 5 | 3 | 5 | 3 | 2 | 1 | 2 | 2 | 3 | 5 | 2 | 14 |
| 19 | 2 | 2 | 2 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 2 | 2 | 2 | 3 | 4 | 3 | 3 | 4 | 19 | 3 |
| 20 | 11 | 18 | 11 | 24 | 49 | 45 | 37 | 35 | 28 | 14 | 53 | 31 | 17 | 1 | 21 | 53 | 20 | 37 | 29 | 13 | 10 | 7 | 4 | 5 | 24 |
| 21 | 4 | 2 | 2 | 2 | 1 | 1 | 1 | 3 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 |
| 22 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 19 | 12 | 14 | 36 | 13 | 26 | 8 | 3 | 48 | 52 | 15 | 9 | 2 | 2 | 9 | 12 |
| 23 | 6 | 8 | 38 | 47 | 28 | 22 | 14 | 11 | 12 | 10 | 10 | 6 | 6 | 4 | 4 | 4 | 6 | 6 | 6 | 4 | 4 | 2 | 4 | 4 | 11 |
| 24 | 4 | 2 | 3 | 3 | 2 | 0 | 0 | 0 | 1 | 3 | 4 | 0 | 1 | 1 | 1 | 2 | 2 | 2 | 1 | 1 | 4 | 0 | 0 | 2 | 2 |
| 25 | 2 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 2 | 3 | 3 | 2 | 4 | 7 | 19 | 11 | 6 | 7 | 4 | 5 | 4 | 4 | 4 | 4 | 4 |
| 26 | 1 | 0 | 1 | 2 | 2 | 0 | 2 | 2 | 2 | 6 | 9 | 3 | 9 | 30 | 18 | 27 | 18 | 12 | 1 | 2 | 2 | 2 | 0 | 4 | 6 |
| 27 | 4 | 5 | 4 | 4 | 4 | 5 | 5 | 4 | 4 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 8 | 7 | 6 | 6 | 5 | 4 | 6 |
| 28 | 4 | 3 | 5 | 5 | 5 | 6 | 5 | 4 | 4 | 5 | 5 | 5 | 6 | 5 | 5 | 4 | 4 | 5 | 5 | 5 | 6 | 7 | 7 | 4 | 5 |

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 | 4 | 7 | 4 | 14 | 28 | 38 | 52 | 0 | - | 89 | 1 | - | 24 | 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: FEBRUARY

STATION : AP LEI CHAU
POLLUTANT : NITROGEN DIOXIDE

YEAR : 2017
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 | 8 | 10 | 8 | 10 | 13 | 23 | 25 | 14 | 19 | 16 | 19 | 15 | 17 | 11 | 9 | 29 | 30 | 13 | 8 | 8 | 7 | 5 | 3 | 14 |
| 2 | 2 | 4 | 3 | 1 | 1 | 2 | 3 | 3 | 4 | 3 | 4 | 3 | 2 | 3 | 5 | 6 | 6 | 7 | 2 | 1 | 0 | 0 | 0 | 1 | 3 |
| 3 | 1 | 2 | 2 | 0 | 0 | 0 | 5 | 7 | 15 | 19 | 20 | 25 | 16 | 14 | 14 | 6 | 5 | 13 | 29 | 37 | 24 | 27 | 22 | 17 | 13 |
| 4 | 18 | 13 | 6 | 5 | 5 | 5 | 13 | 8 | 12 | 5 | 4 | 3 | 2 | 5 | 7 | 3 | 4 | 35 | 50 | 42 | 46 | 67 | 67 | 22 | 19 |
| 5 | 10 | 8 | 24 | 35 | 26 | 14 | 24 | 54 | 55 | 42 | 40 | 33 | 42 | 47 | 61 | 73 | 52 | 53 | 100 | 113 | 84 | 62 | 21 | 7 | 45 |
| 6 | 4 | 2 | 3 | 4 | 2 | 4 | 5 | 17 | 20 | 14 | 6 | 4 | 8 | 10 | 5 | 5 | 6 | 7 | 5 | 4 | 4 | 4 | 6 | 4 | 6 |
| 7 | 2 | 2 | 4 | 1 | 1 | 1 | 2 | 4 | 4 | 4 | 5 | 7 | 7 | 6 | 7 | M | 5 | 2 | 2 | 2 | 0 | 1 | 1 | 10 | 3 |
| 8 | 2 | 1 | 2 | 1 | 0 | 3 | 10 | 14 | 19 | 29 | 7 | 17 | 16 | 51 | 40 | 24 | 39 | 71 | 82 | 84 | 89 | 51 | 31 | 22 | 29 |
| 9 | 19 | 15 | 10 | 6 | 5 | 4 | 9 | 19 | 31 | 32 | 35 | 31 | 26 | 26 | 30 | 33 | 35 | 38 | 35 | 35 | 38 | 32 | 32 | 43 | 26 |
| 10 | 37 | 30 | 16 | 15 | 11 | 12 | 23 | 32 | 52 | 56 | 36 | 22 | 19 | 24 | 22 | 45 | 46 | 60 | 68 | 60 | 50 | 38 | 40 | 36 | 35 |
| 11 | 35 | 32 | 25 | 24 | 25 | 21 | 26 | 32 | 36 | 60 | 41 | 12 | 10 | 7 | 4 | 4 | 2 | 3 | 7 | 31 | 23 | 22 | 14 | 18 | 21 |
| 12 | 21 | 22 | 18 | 12 | 10 | 12 | 15 | 19 | 29 | 21 | 43 | 51 | 34 | 9 | 8 | 7 | 7 | 7 | 14 | 29 | 29 | 22 | 15 | 6 | 19 |
| 13 | 5 | 6 | 4 | 2 | 2 | 3 | 9 | 25 | 34 | 18 | 10 | 10 | 6 | 1 | 2 | 1 | 3 | 4 | 7 | 8 | 7 | 8 | 7 | 10 | 8 |
| 14 | 6 | M | 1 | 1 | 1 | 1 | 4 | 9 | 7 | 7 | 5 | 5 | 3 | 2 | 1 | 1 | 3 | 2 | 6 | 6 | 11 | 8 | 9 | 8 | 5 |
| 15 | 8 | 4 | 1 | 0 | 0 | 1 | 5 | 7 | 7 | 9 | 6 | 5 | 4 | 6 | 3 | 1 | 1 | 5 | 2 | 2 | 16 | 22 | 29 | 31 | 7 |
| 16 | 22 | 6 | 2 | 3 | 2 | 10 | 17 | 33 | 34 | 76 | 35 | 32 | 28 | 39 | 32 | 8 | 7 | 28 | 58 | 31 | 9 | 14 | 21 | 17 | 24 |
| 17 | 23 | 14 | 8 | 5 | 23 | 44 | 54 | 49 | 50 | 63 | 46 | 52 | 32 | 4 | 3 | 8 | 5 | 6 | 13 | 75 | 75 | 75 | 32 | 25 | 33 |
| 18 | 7 | 2 | 2 | 1 | 4 | 31 | 57 | 78 | 69 | 81 | 66 | 29 | 1 | 2 | 4 | 5 | 10 | 10 | 11 | 8 | 2 | 0 | 3 | 5 | 20 |
| 19 | 3 | 2 | 1 | 0 | 0 | 0 | 1 | 5 | 3 | 6 | 7 | 7 | 6 | 8 | 13 | 20 | 11 | 16 | 9 | 19 | 17 | 26 | 38 | 47 | 11 |
| 20 | 44 | 46 | 30 | 78 | 87 | 72 | 68 | 70 | 81 | 55 | 58 | 34 | 16 | 6 | 14 | 27 | 13 | 49 | 48 | 38 | 27 | 10 | 7 | 7 | 41 |
| 21 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 3 | 1 | 1 | 2 | 1 | 0 | 0 | 0 | 2 | 3 | 4 | 0 | 0 | 0 | 0 | 1 | 1 |
| 22 | 5 | 0 | 0 | 0 | 0 | 0 | 14 | 32 | 34 | 61 | 34 | 47 | 61 | 28 | 55 | 29 | 12 | 57 | 58 | 86 | 81 | 22 | 16 | 48 | 33 |
| 23 | 53 | 51 | 62 | 74 | 67 | 62 | 58 | 56 | 52 | 44 | 40 | 34 | 31 | 31 | 34 | 35 | 38 | 41 | 44 | 49 | 52 | 54 | 53 | 48 | 48 |
| 24 | 42 | 27 | 29 | 30 | 23 | 10 | 14 | 27 | 31 | 42 | 46 | 38 | 37 | 39 | 42 | 40 | 51 | 62 | 68 | 68 | 72 | 65 | 61 | 49 | 42 |
| 25 | 40 | 35 | 23 | 16 | 19 | 18 | 25 | 28 | 35 | 39 | 40 | 41 | 38 | 38 | 45 | 57 | 65 | 65 | 66 | 62 | 59 | 61 | 60 | 56 | 43 |
| 26 | 52 | 47 | 44 | 45 | 33 | 10 | 16 | 29 | 36 | 42 | 45 | 39 | 40 | 52 | 39 | 36 | 34 | 42 | 23 | 27 | 23 | 14 | 4 | 14 | 33 |
| 27 | 23 | 20 | 5 | 6 | 5 | 4 | 7 | 11 | 12 | 10 | 7 | 5 | 3 | 2 | 3 | 3 | 4 | 7 | 8 | 9 | 4 | 9 | 2 | 2 | 7 |
| 28 | 3 | M | 4 | 1 | 1 | 1 | 6 | 16 | 15 | 11 | 5 | 6 | 7 | 4 | 6 | 9 | 5 | 8 | 12 | 28 | 30 | 27 | 21 | 15 | 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 | | |
| 13 | 13 | 22 | 13 | 54 | 65 | 76 | 83 | 0 | - | 113 | 1 | - | 48 | 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: FEBRUARY

STATION : CHEUNG CHAU
POLLUTANT : SULPHUR DIOXIDE

YEAR : 2017
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 | 3 | 2 | 4 | 1 | 0 | 1 | 4 | 4 | 8 | 9 | 5 | 4 | 5 | 6 | 11 | 4 | 1 | 2 | 2 | 1 | 1 | 2 | 3 |
| 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 4 | 5 | 3 | 2 | 1 | 2 | 2 | 2 | 1 | 1 | 1 | 4 | 1 | 1 |
| 4 | 3 | 3 | 1 | 1 | 2 | 2 | 2 | 1 | 3 | 3 | 3 | 2 | 2 | 1 | 1 | 1 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 2 | 2 |
| 5 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 5 | 4 | 7 | 8 | 8 | 7 | 5 | 10 | 11 | 6 | 6 | 7 | 7 | 3 | 2 | 4 |
| 6 | 3 | 1 | 1 | 1 | 0 | 3 | 2 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 4 | 8 | 6 | 5 | 6 | 7 | 7 | 5 | 3 |
| 7 | 5 | 5 | 6 | 4 | 3 | 3 | 4 | 5 | 2 | 2 | M | M | 7 | 3 | 5 | 4 | 2 | 3 | 3 | 0 | 1 | 1 | 2 | 2 | 3 |
| 8 | 2 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 3 | 3 | 3 | 3 | 4 | 4 | 3 | 2 | 4 | 6 | 3 | 1 | 0 | 0 | 0 | 2 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 1 | 0 | 0 | 1 |
| 10 | 0 | 0 | 1 | 2 | 2 | 2 | 3 | 3 | 4 | 5 | 4 | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 5 | 5 | 5 | 4 | 3 | 4 | 4 |
| 11 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 6 | 9 | 8 | 6 | 4 | 3 | 3 | 4 | 4 | 5 | 4 | 8 | 3 | 4 |
| 12 | 3 | 3 | 2 | 3 | 2 | 1 | 0 | 1 | 3 | 7 | 10 | 9 | 10 | 9 | 9 | 8 | 7 | 6 | 6 | 5 | 7 | 9 | 6 | 2 | 5 |
| 13 | 2 | 1 | 1 | 1 | 2 | 3 | 2 | 3 | 7 | 12 | 9 | 7 | 7 | 5 | 3 | 5 | 3 | 3 | 3 | 3 | 1 | 0 | 0 | 0 | 3 |
| 14 | 0 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 0 | 2 | 2 | 3 | 4 | 2 | 3 | 3 | 1 | 0 | 0 | 2 |
| 15 | 0 | 0 | 0 | 1 | 4 | 6 | 4 | 4 | 3 | 5 | 4 | M | 7 | 4 | 2 | 2 | 2 | 2 | 2 | 3 | 2 | 3 | 4 | 4 | 3 |
| 16 | 3 | 2 | 2 | 1 | 1 | 1 | 1 | 3 | 9 | 13 | 12 | 13 | 12 | 18 | 12 | 22 | 15 | 17 | 10 | 9 | 6 | 6 | 4 | 6 | 8 |
| 17 | 5 | 6 | 9 | 6 | 4 | 4 | 3 | 4 | 5 | 8 | 11 | 21 | 21 | 14 | 13 | 18 | 30 | 49 | 31 | 25 | 16 | 18 | 10 | 14 | 14 |
| 18 | 20 | 25 | 27 | 18 | 13 | 13 | 11 | 18 | 22 | 28 | 30 | 23 | 9 | 5 | 4 | 5 | 2 | 1 | 1 | 1 | 2 | 1 | 2 | 2 | 12 |
| 19 | 2 | 1 | 2 | 2 | 2 | 0 | 0 | 0 | 1 | 2 | 1 | 3 | 2 | 2 | 3 | 5 | 5 | 3 | 2 | 2 | 2 | 6 | 6 | 5 | 2 |
| 20 | 6 | 6 | 5 | 4 | 4 | 6 | 5 | 6 | 9 | 19 | 15 | 9 | 12 | 18 | 20 | 18 | 28 | 15 | 19 | 30 | 27 | 28 | 19 | 8 | 14 |
| 21 | 9 | 8 | 6 | 4 | 3 | 3 | 1 | 4 | 6 | 4 | 6 | 5 | 3 | 3 | 3 | 2 | 3 | 3 | 2 | 3 | 2 | 1 | 1 | 1 | 4 |
| 22 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 3 | 5 | 8 | 9 | 12 | 15 | 6 | 9 | 6 | 5 | 5 | 5 | 10 | 4 | 7 | 8 | 5 |
| 23 | 7 | 4 | 5 | 5 | 6 | 6 | 3 | 4 | 5 | 5 | 6 | 8 | 7 | 6 | 4 | 4 | 3 | 3 | 2 | 1 | 1 | 0 | 0 | 0 | 4 |
| 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 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 2 | 3 | 4 | 4 | 4 | 3 | 4 | 4 | 3 | 2 | 2 | 2 |
| 27 | 1 | 3 | 4 | 2 | 3 | 3 | 2 | 2 | 2 | 4 | 4 | 7 | 13 | 7 | 5 | 4 | 4 | 6 | 5 | 6 | 4 | 5 | 4 | 5 | 4 |
| 28 | 4 | 3 | 3 | 3 | 8 | 8 | 5 | 5 | 19 | 9 | 11 | 9 | 8 | 6 | 4 | 4 | 4 | 4 | 5 | 3 | 6 | 7 | 5 | 4 | 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 | | |
| 4 | 3 | 4 | 3 | 9 | 15 | 22 | 28 | 0 | - | 49 | 0 | - | 14 | 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: FEBRUARY

STATION : CHEUNG CHAU
POLLUTANT : NITROGEN DIOXIDE

YEAR : 2017
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 | 27 | 32 | 45 | 37 | 66 | 37 | 32 | 40 | 48 | 43 | 53 | 52 | 46 | 22 | 17 | 22 | 36 | 27 | 24 | 19 | 26 | 17 | 28 | 24 | 34 |
| 2 | 9 | 13 | 16 | 15 | 11 | 7 | 10 | 19 | 18 | 15 | 17 | 15 | 17 | 19 | 15 | 17 | 17 | 19 | 9 | 7 | 9 | 11 | 7 | 14 | 14 |
| 3 | 8 | 19 | 34 | 33 | 21 | 27 | 14 | 29 | 53 | 64 | 54 | 56 | 78 | 67 | 48 | 12 | 17 | 20 | 21 | 19 | 19 | 19 | 34 | 15 | 33 |
| 4 | 26 | 31 | 18 | 16 | 15 | 21 | 21 | 35 | 47 | 15 | 12 | 9 | 8 | 8 | 7 | 8 | 12 | 90 | 75 | 60 | 45 | 48 | 55 | 75 | 32 |
| 5 | 24 | 18 | 45 | 34 | 66 | 46 | 71 | 67 | 55 | 62 | 46 | 56 | 54 | 56 | 49 | 43 | 59 | 80 | 98 | 103 | 74 | 106 | 38 | 44 | 58 |
| 6 | 24 | 28 | 13 | 23 | 13 | 48 | 56 | 24 | 44 | 19 | 14 | 21 | 18 | 14 | 12 | 11 | 19 | 39 | 31 | 27 | 44 | 62 | 65 | 46 | 30 |
| 7 | 41 | 36 | 45 | 34 | 44 | 51 | 46 | 44 | 20 | 12 | 28 | M | 26 | 25 | 31 | 22 | 10 | 20 | 24 | 15 | 14 | 19 | 26 | 30 | 29 |
| 8 | 24 | M | 33 | 15 | 7 | 36 | 50 | 45 | 32 | 49 | 13 | 46 | 23 | 46 | 56 | 33 | 47 | 39 | 54 | 72 | 64 | 56 | 45 | 29 | 40 |
| 9 | 24 | 20 | 20 | 17 | 16 | 16 | 16 | 20 | 24 | 29 | 30 | 36 | 40 | 41 | 51 | 55 | 54 | 36 | 41 | 36 | 30 | 27 | 22 | 28 | 30 |
| 10 | 22 | 18 | 15 | 12 | 12 | 14 | 18 | 23 | 30 | 41 | 43 | 45 | 51 | 45 | 48 | 51 | 52 | 46 | 53 | 53 | 43 | 37 | 36 | 36 | 35 |
| 11 | 29 | 26 | 22 | 19 | 18 | 19 | 24 | 35 | 39 | 37 | 38 | 55 | 59 | 47 | 24 | 13 | 8 | 10 | 14 | 28 | 29 | 21 | 28 | 20 | 28 |
| 12 | 17 | 18 | 22 | 16 | 13 | 15 | 18 | 36 | 66 | 74 | 51 | 46 | 44 | 22 | 18 | 18 | 18 | 20 | 18 | 23 | 39 | 25 | 22 | 28 | |
| 13 | 16 | 15 | 14 | 11 | 20 | 48 | 47 | 60 | 77 | 93 | 85 | 44 | 15 | 11 | 11 | 10 | 9 | 12 | 20 | 31 | 20 | 18 | 20 | 22 | 30 |
| 14 | 16 | 14 | 11 | 13 | 8 | 10 | 10 | 14 | 16 | 21 | 21 | 26 | 18 | 7 | 9 | 9 | 10 | 13 | 18 | 29 | 33 | 23 | 19 | 31 | 17 |
| 15 | 28 | 20 | 10 | 9 | 20 | 31 | 19 | 16 | 27 | 34 | 22 | M | 30 | 20 | 10 | 6 | 7 | 8 | 13 | 17 | 14 | 69 | 82 | 97 | 26 |
| 16 | 89 | 69 | 63 | 38 | 39 | 52 | 73 | 71 | 104 | 99 | 73 | 64 | 54 | 39 | 28 | 63 | 52 | 45 | 56 | 56 | 78 | 151 | 136 | 37 | 68 |
| 17 | 75 | 76 | 64 | 41 | 33 | 59 | 82 | 84 | 58 | 79 | 68 | 62 | 49 | 26 | 44 | 40 | 51 | 102 | 102 | 91 | 115 | 127 | 109 | 80 | 72 |
| 18 | 128 | 138 | 140 | 124 | 111 | 113 | 109 | 109 | 101 | 92 | 92 | 41 | 12 | 11 | 10 | 9 | 10 | 8 | 9 | 13 | 11 | 11 | 23 | 16 | 60 |
| 19 | 20 | 16 | 33 | 40 | 24 | 9 | 13 | 12 | 25 | 44 | 49 | 51 | 52 | 49 | 61 | 73 | 36 | 52 | 67 | 62 | 99 | 126 | 122 | 123 | 52 |
| 20 | 118 | 114 | 93 | 53 | 43 | 61 | 86 | 83 | 99 | 100 | 97 | 90 | 58 | 54 | 33 | 28 | 46 | 58 | 92 | 133 | 126 | 137 | 124 | 42 | 82 |
| 21 | 58 | 53 | 42 | 23 | 15 | 15 | 12 | 15 | 32 | 38 | 35 | 33 | 27 | 25 | 35 | 25 | 32 | 40 | 33 | 37 | 34 | 28 | 20 | 50 | 32 |
| 22 | 50 | M | 24 | 18 | 16 | 36 | 46 | 45 | 67 | 82 | 61 | 61 | 72 | 80 | 44 | 56 | 52 | 45 | 36 | 40 | 121 | 68 | 100 | 115 | 58 |
| 23 | 108 | 86 | 71 | 52 | 67 | 62 | 54 | 53 | 57 | 51 | 47 | 44 | 46 | 50 | 49 | 44 | 52 | 55 | 54 | 50 | 55 | 44 | 42 | 40 | 56 |
| 24 | 35 | 37 | 32 | 28 | 28 | 27 | 31 | 35 | 37 | 50 | 45 | 49 | 53 | 53 | 52 | 53 | 51 | 50 | 66 | 66 | 56 | 50 | 44 | 41 | 45 |
| 25 | 44 | 43 | 41 | 35 | 31 | 27 | 27 | 28 | 39 | 43 | 45 | 41 | 47 | 43 | 52 | 66 | 78 | 83 | 85 | 79 | 66 | 62 | 63 | 60 | 51 |
| 26 | 55 | 58 | 54 | 43 | 30 | 28 | 30 | 27 | 34 | 42 | 39 | 38 | 47 | 41 | 54 | 58 | 48 | 79 | 117 | 127 | 107 | 41 | 25 | 18 | 52 |
| 27 | 23 | 39 | 34 | 33 | 53 | 59 | 32 | 28 | 28 | 19 | 17 | 19 | 25 | 13 | 10 | 10 | 12 | 15 | 21 | 29 | 33 | 24 | 17 | 15 | 25 |
| 28 | 14 | 22 | 14 | 13 | 23 | 20 | 35 | 50 | 41 | 47 | 33 | 34 | 25 | 18 | 11 | 11 | 11 | 14 | 18 | 15 | 24 | 67 | 117 | 75 | 31 |

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 | | |
| 33 | 35 | 41 | 35 | 79 | 102 | 123 | 127 | 6 | - | 151 | 14 | - | 82 | 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: MARCH

STATION : VICTORIA PEAK
POLLUTANT : SULPHUR DIOXIDE

YEAR : 2017
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 | 5 | 5 | 4 | 5 | 6 | 4 | 5 | 6 | 11 | 8 | 14 | 18 | 16 | 21 | 20 | 25 | 19 | 19 | 14 | 12 | 7 | 4 | 4 | 11 |
| 2 | 4 | 4 | 4 | 5 | 4 | 5 | 5 | 5 | 6 | 6 | 6 | 4 | 3 | 3 | 2 | 4 | 9 | 11 | 16 | 5 | 3 | 5 | 4 | 5 | 5 |
| 3 | 4 | 4 | 4 | 5 | 5 | 6 | 5 | 5 | 6 | 4 | 4 | 5 | 6 | 5 | 5 | 5 | 4 | 5 | 4 | 5 | 5 | 5 | 4 | 3 | 5 |
| 4 | 4 | 3 | 2 | 2 | 1 | 1 | 0 | 1 | 1 | 1 | 3 | 3 | 4 | 5 | 5 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 2 | 1 | 2 |
| 5 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 7 | 17 | 10 | 5 | 3 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 2 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 2 | 2 | M | 18 | 11 | 8 | 7 | 14 | 5 | 2 | 0 | 1 | 0 | 0 | 1 | 3 |
| 7 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 3 | 4 | 3 | 2 | 3 | 2 | 3 | 2 |
| 8 | 3 | 4 | 3 | 2 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 2 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 |
| 9 | 0 | 1 | 2 | 3 | 4 | 3 | 3 | 4 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 3 | 2 | 1 | 0 | 0 | 3 |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 3 | 2 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 |
| 14 | 0 | 0 | 1 | 2 | 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 | 1 | 1 | 1 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 3 | 4 | 4 | 3 | 3 | 2 | 3 | 2 |
| 16 | 3 | 1 | 2 | 2 | 2 | 2 | 2 | 3 | 5 | 5 | 5 | 4 | 4 | 5 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 |
| 17 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 1 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 1 | 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 | 1 | 2 | 3 | 2 | 0 | 2 | 11 | 12 | 8 | 5 | 5 | 4 | 2 | 1 | 0 | 2 |
| 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 13 | 5 | 2 | 8 | 3 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 2 | 0 |
| 23 | 3 | 3 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 8 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 41 | 5 | 12 | 2 | 2 | 9 | 10 | 6 | 3 | 2 | 2 | 1 | 2 | 1 | 0 | 0 | 0 | 4 |
| 26 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 3 | 2 | 1 | 0 | 1 | 1 | 1 | 2 | 2 | 1 | 2 | 1 | 1 | 1 |
| 27 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 3 | 2 | 1 | 2 | 3 | 3 | 4 | 6 | 4 | 4 | 3 | 3 | 4 | 3 | 3 | 3 | 3 |
| 28 | 4 | 3 | 4 | 4 | 4 | 2 | 3 | 3 | 2 | 3 | 3 | 2 | 3 | 2 | 3 | 2 | 2 | 1 | 2 | 2 | 2 | 1 | 1 | 0 | 2 |
| 29 | 0 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 3 | 3 | 2 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 30 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 3 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 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 | | |
| 2 | 1 | 2 | 1 | 5 | 6 | 12 | 18 | 0 | - | 41 | 0 | - | 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 : VICTORIA PEAK
POLLUTANT : NITROGEN DIOXIDE

MONTH: MARCH

YEAR : 2017

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 | 10 | 7 | 1 | 4 | 2 | 0 | 10 | 40 | 107 | 90 | 72 | 82 | 71 | 72 | 65 | 64 | 75 | 112 | 122 | 143 | 104 | 45 | 29 | 55 |
| 2 | 19 | 13 | 9 | 5 | 5 | 5 | 10 | 19 | 28 | 45 | 44 | 27 | 24 | 20 | 22 | 31 | 40 | 39 | 55 | 7 | 2 | 8 | 3 | 7 | 20 |
| 3 | 3 | 1 | 1 | 1 | 1 | 2 | 4 | 11 | 16 | 14 | 16 | 31 | 29 | 31 | 34 | 34 | 34 | 22 | 17 | 17 | 14 | 10 | 12 | 6 | 15 |
| 4 | 7 | 6 | 7 | 3 | 0 | 0 | 0 | 2 | 10 | 27 | 51 | 19 | 6 | 27 | 17 | 7 | 20 | 31 | 41 | 21 | 9 | 10 | 9 | 1 | 14 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 31 | 40 | 25 | 19 | 13 | 5 | 7 | 10 | 25 | 20 | 17 | 13 | 3 | 12 | 10 |
| 6 | 9 | 0 | 0 | 0 | 0 | 8 | 9 | 17 | 60 | 56 | 58 | M | 66 | 59 | 61 | 71 | 93 | 39 | 26 | 10 | 13 | 9 | 4 | 1 | 29 |
| 7 | 1 | 2 | 2 | 1 | 1 | 1 | 3 | 3 | 17 | 26 | 21 | 22 | 15 | 26 | 31 | 32 | 34 | 72 | 36 | 20 | 18 | 14 | 12 | 10 | 18 |
| 8 | 10 | M | 4 | 4 | 5 | 5 | 5 | 19 | 39 | 44 | 46 | 36 | 45 | 42 | 50 | 58 | 67 | 73 | 69 | 52 | 38 | 32 | 21 | 4 | 33 |
| 9 | 2 | 3 | 0 | 0 | 0 | 0 | 2 | 11 | 23 | 39 | 36 | 35 | 23 | 20 | 12 | 22 | 11 | 11 | 11 | 7 | 9 | 3 | 4 | 2 | 12 |
| 10 | 5 | 3 | 0 | 0 | 0 | 0 | 0 | 2 | 16 | 11 | 17 | 7 | 7 | 17 | 31 | 21 | 20 | 16 | 5 | 2 | 0 | 8 | 20 | 16 | 9 |
| 11 | 7 | 3 | 1 | 0 | 0 | 0 | 0 | 1 | 12 | 20 | 27 | 30 | 26 | 30 | 40 | 44 | 41 | 34 | 22 | 13 | 4 | 2 | 0 | 1 | 15 |
| 12 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 4 | 20 | 4 | 3 | 2 | 1 | 7 | 4 | 5 | 1 | 0 | 1 | 1 | 0 | 2 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 7 | 12 | 5 | 5 | 4 | 6 | 11 | 20 | 21 | 12 | 8 | 12 | 12 | 8 | 1 | 4 | 6 |
| 14 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 16 | 6 | 7 | 8 | 2 | 12 | 13 | 11 | 31 | 20 | 18 | 11 | 8 | 4 | 1 | 16 | 8 |
| 15 | 8 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 6 | 11 | 11 | 9 | 10 | 10 | 10 | 9 | 8 | 14 | 9 | 3 | 0 | 2 | 10 | 6 |
| 16 | 9 | 5 | 1 | 2 | 2 | 2 | 5 | 13 | 26 | 29 | 47 | 39 | 32 | 35 | 33 | 37 | 46 | 28 | 22 | 16 | 12 | 11 | 12 | 10 | 20 |
| 17 | 8 | 4 | 4 | 2 | 0 | 0 | 1 | 6 | 11 | 21 | 24 | 19 | 21 | 25 | 15 | 21 | 16 | 14 | 8 | 6 | 7 | 7 | 6 | 3 | 10 |
| 18 | 5 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 13 | 14 | 9 | 6 | 8 | 6 | 5 | 5 | 2 | 0 | 4 | 5 | 3 | 0 | 2 | 4 |
| 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 13 | 0 | 3 | 6 | 20 | 5 | 0 | 0 | 0 | 0 | 1 | 1 | 4 | 3 | 1 | 3 |
| 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 20 | 16 | 24 | 6 | 2 | 21 | 24 | 23 | 47 | 78 | 80 | 72 | 46 | 6 | 0 | 20 |
| 21 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 4 | 28 | 29 | 34 | 26 | 20 | 17 | 5 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 6 | 7 |
| 22 | 5 | M | 3 | 0 | 0 | 0 | 0 | 5 | 10 | 11 | 15 | 9 | 12 | 14 | 12 | 13 | 25 | 37 | 5 | 27 | 10 | 15 | 6 | 15 | 11 |
| 23 | 14 | 11 | 7 | 6 | 2 | 4 | 2 | 17 | 18 | 17 | 45 | 37 | 45 | 19 | 18 | 29 | 37 | 14 | 3 | 1 | 0 | 1 | 1 | 4 | 15 |
| 24 | 9 | 1 | 0 | 0 | 0 | 0 | 0 | 5 | 10 | 10 | 14 | 11 | 15 | 13 | 30 | 35 | 48 | 64 | 65 | 23 | 7 | 2 | 12 | 6 | 16 |
| 25 | 7 | 0 | 0 | 0 | 0 | 0 | 8 | 52 | 36 | 52 | 67 | 65 | 76 | 72 | 63 | 70 | 62 | 70 | 65 | 69 | 49 | 47 | 44 | 42 | 42 |
| 26 | 36 | 28 | 25 | 19 | 12 | 11 | 23 | 22 | 21 | 30 | 33 | 46 | 34 | 31 | 23 | 31 | 42 | 51 | 57 | 54 | 28 | 24 | 11 | 12 | 29 |
| 27 | 6 | 4 | 2 | 2 | 0 | 0 | 4 | 14 | 18 | 12 | 15 | 16 | 14 | 14 | 18 | 23 | 20 | 13 | 11 | 13 | 17 | 12 | 5 | 7 | 11 |
| 28 | 5 | 3 | 3 | 2 | 3 | 1 | 3 | 7 | 8 | 12 | 10 | 11 | 9 | 10 | 8 | 13 | 18 | 8 | 3 | 1 | 2 | 1 | 0 | 0 | 6 |
| 29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 4 | 4 | 3 | 2 | 1 | 2 | 6 | 10 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 2 |
| 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 8 | 5 | 1 | 3 | 12 | 32 | 27 | 22 | 29 | 4 | 0 | 0 | 0 | 0 | 0 | 6 |
| 31 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 7 | 9 | 24 | 0 | 30 | 54 | 73 | 79 | 55 | 43 | 37 | 30 | 29 | 28 | 10 | 10 | 23 | 23 |

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 | 8 | 15 | 8 | 42 | 61 | 72 | 81 | 0 | - | 143 | 2 | - | 55 | 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: MARCH

YEAR : 2017

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 | 5 | 6 | 7 | 6 | 6 | 15 | 17 | 23 | 60 | 33 | 26 | 28 | 33 | 43 | 44 | 41 | 28 | 24 | 22 | 9 | 5 | 5 | 21 |
| 2 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 7 | 8 | 8 | 7 | 5 | 4 | 3 | 8 | 15 | 5 | 3 | 4 | 3 | 5 | 5 | 4 | 3 | 6 |
| 3 | 3 | 3 | 3 | 4 | 3 | 4 | 3 | 4 | 4 | 3 | 4 | 6 | 6 | 6 | 5 | 4 | 5 | 4 | 4 | 5 | 4 | 4 | 3 | 4 | 4 |
| 4 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 4 | 5 | 7 | 7 | 6 | 4 | 5 | 3 | 2 | 3 | 4 | 3 | 3 | 2 | 4 |
| 5 | 2 | 2 | 2 | 3 | 3 | 2 | 2 | 2 | 1 | 2 | 2 | 1 | 1 | 3 | 3 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 0 | 0 | 2 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 4 | 1 | 1 | 1 | 41 | 27 | 22 | 33 | 23 | 16 | 3 | 1 | 1 | 1 | 0 | 1 | 1 | 7 |
| 7 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 2 | 2 | 3 | 2 | 3 | 3 | 4 | 4 | 3 | 3 | 4 | 4 | 4 | 2 |
| 8 | 3 | 3 | 4 | 3 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 |
| 9 | 1 | 4 | 4 | 4 | 4 | 3 | 3 | 4 | 5 | 4 | 4 | 4 | 5 | 4 | 4 | M | 5 | 4 | 4 | 3 | 1 | 1 | 0 | 1 | 3 |
| 10 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 |
| 12 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 2 | 2 | 2 | 2 | 1 | 1 | 3 | 1 | 1 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 15 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 4 | 4 | 3 | 4 | 4 | 4 | 7 | 5 | 4 | 4 | 5 | 3 | 3 |
| 16 | 2 | 1 | 2 | 2 | 2 | 2 | 3 | 4 | 4 | 7 | 4 | 3 | 5 | 5 | 3 | 2 | 2 | 2 | 2 | 2 | 3 | 2 | 3 | 3 | 3 |
| 17 | 3 | 2 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 1 |
| 18 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 19 | 0 | 0 | 1 | 1 | 1 | 2 | 3 | 3 | 2 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 3 | 2 | 4 | 2 | 1 | 0 | 1 | 1 | 1 | 1 | 1 |
| 21 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 3 | 4 | 0 | 0 | 0 | 1 | 4 | 3 | 1 | 4 | 2 | 3 | 1 | 0 | 0 | 1 | 1 |
| 22 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 4 | 3 | 3 | 4 | 2 | 2 |
| 23 | 4 | 4 | 4 | 4 | 3 | 1 | 1 | 1 | 1 | 1 | 2 | 3 | 3 | 2 | 2 | 3 | 3 | 3 | 4 | 4 | 4 | 3 | 2 | 2 | 3 |
| 24 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 2 | 2 | 1 | 2 | 1 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 0 | 1 |
| 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 2 | 1 | 1 | 22 | 5 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 1 |
| 27 | 2 | 2 | 2 | 3 | 3 | 2 | 3 | 4 | 4 | 4 | 3 | 3 | 3 | 4 | 4 | M | M | 3 | 3 | 4 | 6 | 4 | 3 | 3 | 3 |
| 28 | 4 | 3 | 4 | 4 | 4 | 4 | 5 | 5 | 4 | 4 | 4 | 3 | 4 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 1 | 3 |
| 29 | 1 | 1 | 1 | 2 | 2 | 1 | 1 | 2 | 1 | 2 | 1 | 3 | 3 | 4 | 4 | 3 | 2 | 1 | 1 | 1 | 1 | 0 | 1 | 2 | 2 |
| 30 | 2 | 1 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 2 | 1 | 2 | 2 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 1 |
| 31 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 5 | 13 | 9 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 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 | | |
| 2 | 1 | 3 | 1 | 5 | 6 | 22 | 31 | 0 | - | 60 | 0 | - | 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

STATION : CHUNG HOM KOK ZONE SUBSTATION
POLLUTANT : NITROGEN DIOXIDE

MONTH: MARCH

YEAR : 2017

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 | 4 | 4 | 3 | 4 | 4 | 5 | 22 | 43 | 48 | 113 | 91 | 105 | 114 | 120 | 125 | 127 | 119 | 114 | 104 | 79 | 45 | 17 | 12 | 59 |
| 2 | 7 | 5 | 3 | 2 | 1 | 1 | 3 | 9 | 8 | 9 | 10 | 12 | 14 | 12 | 27 | 47 | 20 | 14 | 7 | 5 | 6 | 7 | 10 | 8 | 10 |
| 3 | 7 | 6 | 5 | 5 | 4 | 6 | 5 | 8 | 6 | 4 | 5 | 7 | 6 | 6 | 6 | 7 | 9 | 7 | 7 | 9 | 8 | 10 | 9 | 7 | 7 |
| 4 | 6 | 2 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 2 | 4 | 8 | 8 | 8 | 10 | 6 | 9 | 4 | 2 | 2 | 5 | 6 | 4 | 0 | 4 |
| 5 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 5 | 5 | 4 | 1 | 4 | 12 | 7 | 9 | 14 | 18 | 13 | 10 | 12 | 9 | 3 | 5 |
| 6 | 1 | 0 | 0 | 0 | 3 | 1 | 17 | 36 | 19 | 20 | 16 | 58 | 62 | 58 | 69 | 74 | 61 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 21 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 3 | 4 | 5 | 7 | 4 | 1 | 3 | 2 | 5 | 2 |
| 8 | 2 | M | 2 | 5 | 4 | 3 | 1 | 5 | 7 | 10 | 14 | 8 | 5 | 4 | 10 | 12 | 22 | 22 | 14 | 13 | 13 | 11 | 2 | 1 | 8 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 3 | 4 | 3 | 5 | 3 | 2 | 2 | M | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 2 | 2 | 7 | 5 | 10 | 9 | 14 | 13 | 20 | 38 | 11 | 6 | 0 | 0 | 0 | 0 | 6 |
| 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 7 | 7 | 7 | 1 | 0 | 0 | 0 | 0 | 3 | 7 | 11 | 19 | 19 | 30 | 25 | 27 | 6 | 7 |
| 14 | 1 | 0 | 0 | 0 | 1 | 1 | 7 | 8 | 6 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 1 | 8 | 1 | 0 | 0 | 0 | 2 | 1 |
| 16 | 2 | 1 | 0 | 0 | 0 | 0 | 3 | 6 | 9 | 9 | 6 | 5 | 7 | 7 | 8 | 7 | 8 | 8 | 6 | 8 | 6 | 6 | 5 | 6 | 5 |
| 17 | 6 | 4 | 4 | 4 | 3 | 1 | 1 | 4 | 4 | 2 | 5 | 6 | 5 | 4 | 4 | 3 | 6 | 3 | 3 | 3 | 5 | 4 | 3 | 1 | 4 |
| 18 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 2 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| 19 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 7 | 7 | 3 | 5 | 2 | 2 | 3 | 8 | 5 | 2 | 1 | 2 | 2 | 4 | 4 | 1 | 1 | 3 |
| 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 5 | 5 | 9 | 3 | 0 | 1 | 3 | 1 |
| 21 | 1 | 0 | 0 | 0 | 0 | 0 | 2 | 12 | 14 | 8 | 1 | 0 | 0 | 0 | 3 | 2 | 1 | 7 | 0 | 2 | 1 | 0 | 0 | 3 | 2 |
| 22 | 1 | M | 1 | 0 | 1 | 0 | 1 | 4 | 3 | 0 | 0 | 0 | 0 | 1 | 0 | 2 | 0 | 0 | 2 | 0 | 2 | 0 | 1 | 6 | 1 |
| 23 | 6 | 4 | 4 | 2 | 2 | 1 | 0 | 0 | 2 | 2 | 7 | 5 | 7 | 7 | 4 | 8 | 7 | 8 | 5 | 5 | 6 | 5 | 4 | 1 | 4 |
| 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 1 | 0 | 0 | 1 | 2 | 7 | 7 | 5 | 2 | 0 | 0 | 7 | 1 |
| 25 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 2 | 11 | 16 | 14 | 9 | 63 | 48 | 37 | 40 | 37 | 44 | 28 | 25 | 22 | 15 | 17 | 18 |
| 26 | 13 | 9 | 6 | 3 | 4 | 3 | 1 | 3 | 11 | 3 | 4 | 1 | 3 | 3 | 3 | 7 | 5 | 8 | 8 | 7 | 7 | 8 | 2 | 4 | 5 |
| 27 | 5 | 5 | 4 | 2 | 2 | 2 | 3 | 5 | 4 | 3 | 2 | 2 | 2 | 3 | 3 | M | M | 9 | 7 | 8 | 10 | 7 | 5 | 7 | 5 |
| 28 | 8 | 7 | 8 | 8 | 8 | 8 | 8 | 9 | 7 | 9 | 8 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 7 | 7 | 9 | 8 | 8 | 8 | 8 |
| 29 | 7 | 8 | 7 | 8 | 7 | 6 | 6 | 7 | 6 | 6 | 5 | 6 | 7 | 8 | 10 | 8 | 6 | 5 | 7 | 7 | 6 | 5 | 7 | 8 | 7 |
| 30 | 6 | 6 | 7 | 7 | 7 | 8 | 6 | 7 | 9 | 7 | 6 | 5 | 6 | 8 | 9 | 9 | 16 | 8 | 12 | 10 | 7 | 7 | 8 | 8 | 8 |
| 31 | 10 | 8 | 5 | 7 | 9 | 5 | 9 | 25 | 15 | 25 | 56 | 70 | 71 | 60 | 46 | 42 | 26 | 22 | 16 | 12 | 11 | 8 | 7 | 6 | 24 |

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 | 3 | 7 | 3 | 13 | 27 | 64 | 105 | 0 | - | 127 | 0 | - | 59 | 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: MARCH

STATION : VICTORIA ROAD SUBSTATION
POLLUTANT : SULPHUR DIOXIDE

YEAR : 2017
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 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 4 | 10 | 10 | 7 | 8 | 8 | 9 | 8 | 7 | 5 | 5 | 4 | 4 | 4 | 3 | 2 | 5 |
| 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 4 | 4 | 2 | 3 | 3 | 2 | 1 | 1 | 1 | 2 | 2 |
| 3 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 1 | 2 |
| 4 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 3 | 4 | 9 | 5 | 5 | 7 | 4 | 3 | 3 | 2 | 1 | 1 | 2 | 2 | 3 | 3 |
| 5 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 5 | 6 | 8 | 10 | 8 | 12 | 8 | 6 | 5 | 6 | 6 | 4 | 4 | 4 | 4 | 2 | 5 |
| 6 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 4 | 8 | 11 | 13 | 11 | 10 | 11 | 9 | 6 | 4 | 2 | 2 | 1 | 1 | 1 | 2 | 5 |
| 7 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 2 |
| 8 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 |
| 9 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 10 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 2 | 2 | 2 | 3 | 2 |
| 11 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 4 | 3 | 3 | 2 | 1 | 1 | 1 | 2 |
| 12 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 3 | 4 | 4 | 4 | 5 | 4 | 4 | 4 | 2 |
| 13 | 5 | 4 | 5 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 3 | 4 | 4 | 4 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 |
| 14 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 4 | 4 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| 15 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 16 | 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 |
| 17 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 18 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 1 |
| 19 | 1 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 |
| 20 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 2 | 2 | 2 | 1 | 1 | 1 | 2 | 2 |
| 21 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 6 | 7 | 5 | 3 | 2 | 3 | 3 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 2 | 2 |
| 22 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 23 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 |
| 24 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 25 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 2 |
| 26 | 1 | 2 | 2 | 2 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 27 | 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 |
| 28 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 2 | 1 |
| 29 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 30 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 |
| 31 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 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 | | |
| 2 | 1 | 2 | 1 | 3 | 5 | 8 | 10 | 0 | - | 13 | 1 | - | 5 | 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: MARCH

STATION : VICTORIA ROAD SUBSTATION
POLLUTANT : NITROGEN DIOXIDE

YEAR : 2017
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 | 12 | 13 | 9 | 9 | 11 | 19 | 36 | 47 | 50 | 54 | 49 | 56 | 63 | 60 | 59 | 49 | 43 | 47 | 51 | 56 | 56 | 31 | 19 | 38 |
| 2 | 14 | 10 | 8 | 6 | 6 | 6 | 8 | 14 | 16 | 22 | 22 | 17 | 16 | 23 | 42 | 40 | 27 | 22 | 24 | 17 | 10 | 10 | 9 | 10 | 17 |
| 3 | 7 | 6 | 5 | 6 | 6 | 7 | 10 | 13 | 14 | 14 | 13 | 16 | 17 | 18 | 21 | 16 | 18 | 23 | 21 | 18 | 16 | 13 | 10 | 11 | 13 |
| 4 | 9 | 8 | 8 | 9 | 10 | 10 | 22 | 27 | 22 | 33 | 33 | 48 | 35 | 33 | 35 | 30 | 27 | 28 | 35 | 19 | 28 | 29 | 33 | 29 | 25 |
| 5 | 30 | 27 | 24 | 19 | 16 | 16 | 19 | 13 | 28 | 29 | 36 | 39 | 40 | 51 | 31 | 18 | 18 | 40 | 39 | 29 | 29 | 18 | 19 | 20 | 27 |
| 6 | 16 | 19 | 16 | 12 | 8 | 9 | 15 | 20 | 28 | 38 | 42 | 43 | 38 | 41 | 47 | 44 | 36 | 36 | 25 | 15 | 13 | 11 | 8 | 5 | 24 |
| 7 | 5 | 4 | 4 | 4 | 4 | 4 | 8 | 10 | 11 | 16 | 15 | 15 | 13 | 15 | 16 | 22 | 18 | 28 | 28 | 18 | 13 | 11 | 10 | 11 | 13 |
| 8 | 9 | M | 7 | 8 | 6 | 6 | 9 | 11 | 17 | 19 | 20 | 19 | 21 | 19 | 25 | 29 | 29 | 30 | 31 | 27 | 23 | 19 | 15 | 9 | 18 |
| 9 | 7 | 6 | 5 | 4 | 4 | 5 | 8 | 13 | 17 | 21 | 20 | 18 | 18 | 16 | 12 | 16 | 16 | 14 | 12 | 11 | 10 | 9 | 8 | 7 | 12 |
| 10 | 6 | 6 | 5 | 5 | 5 | 5 | 8 | 14 | 24 | 18 | 15 | 15 | 31 | 22 | 21 | 28 | 31 | 46 | 37 | 38 | 30 | 28 | 29 | 30 | 21 |
| 11 | 20 | 9 | 7 | 5 | 4 | 4 | 6 | 7 | 10 | 11 | 16 | 15 | 24 | 21 | 26 | 34 | 35 | 36 | 35 | 28 | 20 | 15 | 12 | 9 | 17 |
| 12 | 7 | 6 | 5 | 3 | 3 | 3 | 3 | 4 | 5 | 6 | 6 | 7 | 9 | 9 | 7 | 22 | 32 | 39 | 37 | 37 | 37 | 35 | 36 | 32 | 16 |
| 13 | 30 | 29 | 28 | 26 | 10 | 6 | 14 | 18 | 21 | 21 | 20 | 18 | 15 | 12 | 11 | 13 | 15 | 18 | 23 | 14 | 18 | 22 | 20 | 19 | 18 |
| 14 | 14 | 7 | 7 | 14 | 8 | 11 | 17 | 18 | 17 | 14 | 11 | 7 | 6 | 9 | 12 | 7 | 10 | 13 | 9 | 7 | 6 | 5 | 4 | 4 | 10 |
| 15 | 4 | 3 | 2 | 2 | 2 | 3 | 6 | 7 | 9 | 9 | 8 | 9 | 10 | 10 | 12 | 11 | 12 | 11 | 11 | 12 | 8 | 7 | 7 | 6 | 8 |
| 16 | 4 | 3 | 2 | 1 | 2 | 3 | 3 | 9 | 10 | 12 | 15 | 14 | 13 | 12 | 14 | 15 | 18 | 22 | 19 | 16 | 11 | 7 | 6 | 7 | 10 |
| 17 | 5 | 4 | 3 | 2 | 2 | 2 | 4 | 6 | 7 | 8 | 10 | 9 | 18 | 16 | 15 | 19 | 14 | 11 | 9 | 7 | 5 | 5 | 4 | 4 | 8 |
| 18 | 4 | 4 | 3 | 3 | 2 | 3 | 3 | 4 | 5 | 7 | 7 | 8 | 7 | 7 | 6 | 6 | 7 | 6 | 7 | 10 | 9 | 8 | 12 | 16 | 6 |
| 19 | 10 | 8 | 5 | 2 | 1 | 1 | 3 | 4 | 5 | 5 | 5 | 6 | 8 | 11 | 12 | 10 | 4 | 3 | 4 | 6 | 12 | 6 | 5 | 3 | 6 |
| 20 | 3 | 3 | 4 | 4 | 2 | 2 | 5 | 8 | 10 | 16 | 20 | 29 | 20 | 8 | 23 | 26 | 22 | 16 | 23 | 20 | 13 | 10 | 10 | 12 | 13 |
| 21 | 11 | 13 | 14 | 15 | 11 | 10 | 8 | 8 | 11 | 24 | 26 | 25 | 10 | 15 | 22 | 18 | 15 | 10 | 8 | 8 | 7 | 5 | 4 | 4 | 13 |
| 22 | 3 | M | 3 | 2 | 3 | 3 | 5 | 7 | 7 | 7 | 7 | 8 | 10 | 9 | 12 | 19 | 20 | 22 | 18 | 24 | 20 | 21 | 16 | 11 | |
| 23 | 15 | 10 | 8 | 7 | 8 | 5 | 6 | 9 | 20 | 15 | 17 | M | 22 | 10 | 7 | 9 | 9 | 9 | 6 | 12 | 19 | 24 | 21 | 22 | 13 |
| 24 | 12 | 6 | 3 | 1 | 0 | 0 | 1 | 3 | 7 | 8 | 7 | 10 | 10 | 12 | 12 | 14 | 14 | 12 | 19 | 6 | 4 | 1 | 1 | 9 | 7 |
| 25 | 13 | 12 | 14 | 10 | 7 | 7 | 8 | 9 | 13 | 16 | 29 | 41 | 35 | 29 | 23 | 20 | 16 | 16 | 16 | 14 | 11 | 11 | 9 | 6 | 16 |
| 26 | 6 | 4 | 3 | 3 | 1 | 0 | 1 | 2 | 2 | 4 | 5 | 6 | 7 | 7 | 6 | 5 | 7 | 7 | 7 | 9 | 6 | 5 | 4 | 3 | 5 |
| 27 | 2 | 1 | 1 | 0 | 0 | 0 | 2 | 4 | 8 | 8 | 6 | 7 | 5 | 6 | 8 | 9 | 9 | 8 | 8 | 5 | 6 | 7 | 4 | 5 | 5 |
| 28 | 5 | 4 | 4 | 3 | 3 | 3 | 5 | 8 | 8 | 9 | 8 | 7 | 9 | 7 | 8 | 9 | 10 | 8 | 7 | 5 | 6 | 4 | 4 | 2 | 6 |
| 29 | 1 | 1 | 0 | 0 | 0 | 0 | 2 | 4 | 5 | 4 | 3 | 4 | 4 | 4 | 4 | 5 | 5 | 8 | 6 | 3 | 2 | 1 | 1 | 0 | 3 |
| 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 3 | 3 | 3 | 1 | 1 | 2 | 2 | 3 | 5 | 3 | 2 | 1 | 0 | 0 | 0 | 0 | 1 |
| 31 | 0 | 0 | 0 | 0 | 0 | 2 | 5 | 9 | 9 | 11 | 8 | 10 | 12 | 10 | 14 | 13 | 14 | 8 | 7 | 5 | 4 | 1 | 0 | 0 | 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 | 13 | 9 | 29 | 36 | 47 | 51 | 0 | - | 63 | 1 | - | 38 | 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: MARCH

STATION : POK FU LAM
POLLUTANT : SULPHUR DIOXIDE

YEAR : 2017
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 | 8 | 9 | 5 | 5 | 8 | 9 | 17 | 39 | 29 | 17 | 33 | 25 | 30 | 31 | 27 | 18 | 22 | 18 | 23 | 17 | 9 | 5 | 17 |
| 2 | 5 | 5 | 5 | 6 | 5 | 5 | 5 | 6 | 7 | 6 | 6 | 4 | 3 | 3 | 17 | 19 | 9 | 19 | 20 | 8 | 3 | 5 | 4 | 4 | 7 |
| 3 | 4 | 4 | 4 | 4 | 4 | 5 | 4 | 4 | 6 | 5 | 4 | 4 | 7 | 9 | 15 | 7 | 11 | 12 | 9 | 6 | 9 | 9 | 5 | 3 | 6 |
| 4 | 3 | 2 | 2 | 4 | 4 | 3 | 6 | 15 | 11 | 24 | 26 | 40 | 44 | 29 | 33 | 21 | 13 | 17 | 8 | 3 | 2 | 5 | 5 | 15 | 14 |
| 5 | 17 | 16 | 12 | 10 | 7 | 11 | 12 | 5 | 36 | 39 | 34 | 42 | 26 | 39 | 27 | 7 | 5 | 17 | 11 | 14 | 11 | 4 | 4 | 2 | 17 |
| 6 | 2 | 6 | 7 | 6 | 3 | 2 | 3 | 9 | 31 | 83 | 62 | 40 | 33 | 17 | 24 | 25 | 24 | 13 | 4 | 2 | 2 | 1 | 1 | 1 | 17 |
| 7 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 3 | 14 | 8 | 5 | 2 | 2 | 3 | 3 | 3 |
| 8 | 3 | 4 | 3 | 3 | 1 | 1 | 1 | 0 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 8 | 8 | 4 | 2 | 2 | 1 | 1 | 1 | 0 | 2 |
| 9 | 0 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 4 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 3 | 3 | 2 | 2 | 1 | 1 | 1 | 3 |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 8 | 2 | 2 | 3 | 12 | 9 | 4 | 5 | 10 | 15 | 20 | 18 | 14 | 11 | 11 | 16 | 7 |
| 11 | 9 | 6 | 7 | 8 | 8 | 3 | 2 | 1 | 1 | 2 | 1 | 7 | 20 | 8 | 11 | 12 | 19 | 28 | 7 | 8 | 4 | 9 | 8 | 2 | 8 |
| 12 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 6 | 7 | 12 | 21 | 40 | 34 | 35 | 47 | 50 | 46 | 16 | 13 |
| 13 | 19 | 27 | 28 | 24 | 4 | 2 | 1 | 3 | 3 | 2 | 3 | 7 | 1 | 2 | 1 | 2 | 2 | 2 | 1 | 0 | 2 | 3 | 1 | 1 | 6 |
| 14 | 1 | 0 | 1 | 1 | 1 | 2 | 9 | 8 | 10 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 2 | 2 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 3 | 4 | 4 | 3 | 2 | 3 | 2 |
| 16 | 2 | 1 | 1 | 1 | 1 | 1 | 2 | 7 | 4 | 4 | 5 | 3 | 2 | 4 | 3 | 7 | 14 | 7 | 2 | 2 | 2 | 1 | 1 | 2 | 3 |
| 17 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 27 | 15 | 4 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 3 |
| 18 | 0 | 0 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 1 |
| 19 | 6 | 5 | 4 | 1 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 5 | 4 | 1 | 0 | 1 | 4 | 3 | 1 | 0 | 0 | 1 | 2 |
| 20 | 0 | 0 | 3 | 4 | 3 | 11 | 13 | 12 | 20 | 34 | 40 | 42 | 15 | 2 | 19 | 36 | 15 | 9 | 8 | 16 | 10 | 3 | 4 | 14 | 14 |
| 21 | 10 | 9 | 11 | 15 | 13 | 13 | 17 | 17 | 20 | 61 | 62 | 20 | 2 | 8 | 17 | 6 | 2 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 13 |
| 22 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 13 | 8 | 8 | 9 | 8 | 5 | 11 | 4 | 2 | 3 |
| 23 | 3 | 13 | 5 | 6 | 19 | 9 | 13 | 20 | 25 | 33 | 22 | 21 | 24 | 10 | 6 | 2 | 2 | 2 | 1 | 28 | 32 | 53 | 33 | 34 | 17 |
| 24 | 27 | 15 | 9 | 2 | 0 | 0 | 4 | 4 | 5 | 3 | 1 | 1 | 5 | 8 | 8 | 13 | 6 | 6 | 2 | 22 | 6 | 1 | 1 | 10 | 7 |
| 25 | 10 | 21 | 24 | 15 | 7 | 10 | 16 | 23 | 43 | 26 | 8 | 7 | 27 | 16 | 8 | 4 | 3 | 3 | 2 | 1 | 1 | 2 | 1 | 0 | 12 |
| 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | M | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 2 | 1 | 2 | 0 |
| 27 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 2 | 2 | 2 | 3 | 3 | 4 | 6 | 4 | 4 | 3 | 2 | 4 | 3 | 3 | 3 | 3 |
| 28 | 3 | 2 | 3 | 3 | 2 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 2 |
| 29 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 30 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 9 | 4 | 3 | 0 | 0 | 1 | 1 | 6 | 1 |
| 31 | 4 | 2 | 0 | 0 | 0 | 0 | 1 | 2 | 9 | 6 | 1 | 3 | 3 | 2 | 4 | 6 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 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 | | |
| 4 | 3 | 7 | 3 | 19 | 28 | 40 | 45 | 0 | - | 83 | 0 | - | 17 | 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: MARCH

STATION : POK FU LAM
POLLUTANT : NITROGEN DIOXIDE

YEAR : 2017
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 | 20 | 29 | 23 | 31 | 21 | 15 | 32 | 85 | 135 | 136 | 121 | 93 | 116 | 117 | 95 | 107 | 85 | 97 | 149 | 166 | 175 | 166 | 89 | 28 | 89 |
| 2 | 24 | 20 | 15 | 12 | 14 | 15 | 20 | 33 | 32 | 40 | 37 | 26 | 31 | 32 | 62 | 69 | 54 | 60 | 72 | 85 | 17 | 24 | 20 | 24 | 35 |
| 3 | 13 | 12 | 10 | 11 | 11 | 12 | 18 | 28 | 33 | 32 | 31 | 33 | 32 | 34 | 43 | 47 | 66 | 76 | 85 | 63 | 69 | 67 | 30 | 26 | 37 |
| 4 | 23 | 26 | 26 | 29 | 26 | 21 | 37 | 63 | 67 | 89 | 87 | 97 | 88 | 70 | 82 | 73 | 86 | 104 | 89 | 46 | 27 | 43 | 46 | 90 | 60 |
| 5 | 84 | 79 | 65 | 50 | 42 | 57 | 66 | 37 | 86 | 84 | 74 | 64 | 56 | 64 | 50 | 21 | 25 | 86 | 58 | 101 | 89 | 50 | 75 | 32 | 62 |
| 6 | 59 | 69 | 58 | 52 | 31 | 46 | 58 | 70 | 93 | 81 | 88 | 90 | 81 | 74 | 84 | 87 | 93 | 75 | 42 | 42 | 31 | 19 | 19 | 12 | 61 |
| 7 | 13 | 12 | 12 | 12 | 11 | 11 | 15 | 21 | 33 | 40 | 34 | 25 | 25 | 22 | 34 | 51 | 54 | 92 | 70 | 38 | 26 | 22 | 24 | 20 | 30 |
| 8 | 23 | 18 | 16 | 26 | 19 | 17 | 18 | 35 | 66 | 58 | 59 | 52 | 55 | 56 | 60 | 78 | 84 | 87 | 87 | 77 | 45 | 39 | 34 | 18 | 47 |
| 9 | 15 | 15 | 12 | 11 | 11 | 12 | 15 | 30 | 24 | 45 | 44 | 44 | 39 | 36 | 42 | 48 | 43 | 38 | 35 | 27 | 24 | 18 | 20 | 14 | 28 |
| 10 | 13 | 13 | 10 | 7 | 6 | 6 | 10 | 36 | 84 | 25 | 18 | 35 | 84 | 51 | 59 | 78 | 101 | 92 | 105 | 110 | 87 | 90 | 89 | 91 | 54 |
| 11 | 57 | 38 | 37 | 37 | 25 | 10 | 12 | 17 | 29 | 37 | 40 | 57 | 72 | 56 | 68 | 91 | 96 | 101 | 60 | 72 | 33 | 45 | 45 | 19 | 48 |
| 12 | 16 | M | 8 | 7 | 6 | 5 | 6 | 8 | 9 | 20 | 9 | 18 | 34 | 49 | 62 | 80 | 96 | 102 | 112 | 115 | 116 | 116 | 113 | 98 | 52 |
| 13 | 96 | 93 | 82 | 62 | 7 | 5 | 9 | 43 | 43 | 35 | 26 | 25 | 20 | 19 | 13 | 16 | 19 | 32 | 31 | 15 | 42 | 56 | 26 | 36 | 35 |
| 14 | 21 | 7 | 19 | 41 | 21 | 30 | 54 | 57 | 53 | 29 | 17 | 17 | 29 | 27 | 26 | 30 | 32 | 32 | 32 | 29 | 30 | 23 | 20 | 15 | 29 |
| 15 | 15 | 13 | 10 | 9 | 9 | 10 | 12 | 19 | 26 | 31 | 29 | 31 | 28 | 27 | 32 | 36 | 39 | 39 | 44 | 42 | 32 | 25 | 24 | 20 | 25 |
| 16 | 19 | 12 | 9 | 9 | 8 | 9 | 21 | 52 | 39 | 41 | 51 | 46 | 36 | 40 | 44 | 58 | 69 | 63 | 49 | 38 | 28 | 21 | 25 | 23 | 34 |
| 17 | 22 | 17 | 13 | 12 | 9 | 11 | 14 | 16 | 22 | 37 | 37 | 30 | 58 | 65 | 65 | 47 | 50 | 44 | 37 | 20 | 19 | 19 | 18 | 15 | 29 |
| 18 | 12 | 9 | 7 | 11 | 7 | 6 | 21 | 11 | 14 | 24 | 24 | 19 | 28 | 30 | 26 | 22 | 32 | 29 | 20 | 22 | 25 | 12 | 12 | 65 | 20 |
| 19 | 44 | 31 | 20 | 8 | 6 | 7 | 8 | 13 | 16 | 14 | 9 | 17 | 43 | 61 | 58 | 18 | 7 | 24 | 55 | 34 | 20 | 21 | 21 | 25 | 24 |
| 20 | 22 | 14 | 24 | 27 | 20 | 42 | 57 | 56 | 57 | 64 | 68 | 60 | 34 | 18 | 37 | 43 | 37 | 51 | 67 | 106 | 107 | 72 | 78 | 91 | 52 |
| 21 | 84 | 71 | 77 | 81 | 76 | 72 | 69 | 62 | 57 | 66 | 68 | 47 | 17 | 25 | 33 | 29 | 26 | 18 | 20 | 16 | 16 | 13 | 13 | 14 | 45 |
| 22 | 12 | 10 | 11 | 8 | 9 | 9 | 11 | 18 | 20 | 18 | 20 | 21 | 28 | 27 | 41 | 71 | 71 | 80 | 84 | 91 | 51 | 88 | 42 | 33 | 36 |
| 23 | 33 | 61 | 27 | 25 | 53 | 30 | 46 | 61 | 67 | 76 | 69 | 57 | 64 | 41 | 40 | 34 | 34 | 39 | 40 | 109 | 135 | 131 | 100 | 127 | 62 |
| 24 | 100 | 61 | 32 | 8 | 6 | 5 | 21 | 31 | 27 | 27 | 23 | 20 | 36 | 44 | 43 | 50 | 47 | 60 | 76 | 110 | 34 | 16 | 17 | 56 | 40 |
| 25 | 45 | 98 | 95 | 63 | 37 | 50 | 62 | 70 | 79 | 75 | 66 | 80 | 88 | 84 | 71 | 78 | 75 | 79 | 77 | 68 | 62 | 61 | 54 | 36 | 69 |
| 26 | 34 | M | 32 | 24 | 23 | 17 | 22 | 27 | 34 | M | 36 | 35 | 40 | 37 | 37 | 38 | 41 | 57 | 52 | 47 | 33 | 18 | 20 | 16 | 33 |
| 27 | 10 | 11 | 6 | 6 | 5 | 6 | 12 | 19 | 20 | 20 | 16 | 15 | 17 | 22 | 25 | 31 | 33 | 32 | 37 | 34 | 33 | 26 | 17 | 15 | 20 |
| 28 | 13 | 9 | 7 | 7 | 6 | 5 | 9 | 13 | 17 | 18 | 16 | 15 | 14 | 13 | 15 | 17 | 25 | 20 | 13 | 11 | 10 | 7 | 7 | 7 | 12 |
| 29 | 6 | 7 | 5 | 6 | 5 | 5 | 8 | 12 | 17 | 15 | 17 | 12 | 12 | 11 | 11 | 16 | 23 | 17 | 16 | 10 | 7 | 9 | 6 | 6 | 11 |
| 30 | 5 | 4 | 6 | 6 | 6 | 6 | 6 | 10 | 18 | 21 | 17 | 12 | 11 | 11 | 19 | 49 | 62 | 49 | 41 | 21 | 15 | 24 | 56 | 47 | 22 |
| 31 | 48 | 18 | 6 | 4 | 7 | 9 | 36 | 44 | 59 | 56 | 44 | 67 | 78 | 87 | 95 | 95 | 77 | 59 | 46 | 39 | 31 | 22 | 16 | 18 | 44 |

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 | | |
| 30 | 32 | 40 | 32 | 85 | 96 | 113 | 129 | 4 | - | 175 | 11 | - | 89 | 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: MARCH

STATION : AP LEI CHAU
POLLUTANT : SULPHUR DIOXIDE

YEAR : 2017
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 | 5 | 5 | 5 | 6 | 7 | 6 | 17 | 63 | 92 | 65 | 28 | 29 | 35 | 32 | 31 | 32 | 22 | 21 | 27 | 27 | 30 | 18 | 5 | 26 |
| 2 | 5 | 6 | 6 | 6 | 6 | 5 | 7 | 6 | 7 | 7 | 7 | 7 | 5 | 6 | 20 | 18 | 6 | 18 | 16 | 6 | 4 | 6 | 6 | 6 | 8 |
| 3 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 6 | 7 | 6 | 4 | 6 | 9 | 8 | 8 | 7 | 5 | 7 | 7 | 6 | 7 | 6 | 6 | 5 | 6 |
| 4 | 6 | 6 | 5 | 4 | 4 | 4 | 4 | 33 | 19 | 34 | 19 | 32 | 9 | 9 | 8 | 6 | 6 | 5 | 3 | 4 | 4 | 4 | 3 | 3 | 10 |
| 5 | 3 | 3 | 3 | 3 | 5 | 4 | 8 | 3 | 3 | 4 | 30 | 12 | 3 | 4 | 4 | 3 | 4 | 5 | 3 | 4 | 7 | 4 | 4 | 3 | 5 |
| 6 | 6 | 7 | 6 | 7 | 10 | 5 | 6 | 43 | 65 | 30 | 141 | 69 | 43 | 39 | 36 | 30 | 37 | 13 | 4 | 2 | 2 | 2 | 1 | 1 | 25 |
| 7 | 2 | 2 | 2 | 3 | 3 | 2 | 2 | 3 | 2 | 2 | 2 | M | 5 | 4 | 5 | 5 | 6 | 6 | 7 | 7 | 5 | 5 | 7 | 5 | 4 |
| 8 | 6 | 6 | 6 | 5 | 3 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 14 | 11 | 19 | 3 | 2 | 3 | 3 | 3 | 1 | 4 |
| 9 | 1 | 3 | 5 | 6 | 5 | 5 | 4 | 5 | 5 | 4 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 5 | 5 | 5 | 3 | 3 | 3 | 3 | 5 |
| 10 | 2 | 2 | 3 | 4 | 3 | 3 | 4 | 4 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 7 | 11 | 33 | 17 | 23 | 11 | 5 | 4 | 2 | 7 |
| 11 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 12 | 1 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 10 | 3 | 1 | 2 | 2 | 0 | 2 |
| 13 | 0 | 0 | 0 | 1 | 2 | 1 | 1 | 0 | 0 | 1 | 2 | 2 | 4 | 4 | 17 | 18 | 11 | 11 | 23 | 15 | 10 | 7 | 6 | 4 | 6 |
| 14 | 4 | 4 | 4 | 3 | 4 | 3 | 5 | 5 | 3 | 2 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 |
| 15 | 1 | 1 | 1 | 1 | 1 | 2 | 3 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 3 | 4 | 4 | 5 | 7 | 7 | 5 | 4 | 5 | 6 | 3 |
| 16 | 4 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 6 | 7 | 7 | 4 | 3 | 7 | 6 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 17 | 3 | 2 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 3 | 3 | 3 | 4 | 4 | 3 | 3 | 3 | 3 | 4 | 2 | 2 |
| 18 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 1 |
| 19 | 1 | 1 | 1 | 1 | 2 | 2 | 3 | 4 | 3 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 1 |
| 20 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 5 | 24 | 51 | 15 | 6 | 3 | 2 | 3 | 20 | 12 | 8 | 10 | 13 | 5 | 5 | 5 | 6 | 8 |
| 21 | 2 | 13 | 2 | 1 | 2 | 3 | 11 | 14 | 25 | 51 | 54 | 10 | 1 | 6 | 15 | 6 | 3 | 2 | 2 | 4 | 2 | 1 | 1 | 2 | 10 |
| 22 | 1 | 1 | 2 | 1 | 2 | 1 | 2 | 3 | 2 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 2 | 3 | 2 | 3 | 1 |
| 23 | 4 | 4 | 4 | 4 | 2 | 1 | 0 | 1 | 22 | 26 | 28 | 47 | 5 | 3 | 2 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 8 |
| 24 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 2 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 3 | 2 |
| 25 | 3 | 2 | 4 | 13 | 10 | 69 | 23 | 4 | 16 | 62 | 31 | 19 | 18 | 30 | 16 | 6 | 5 | 3 | 3 | 4 | 4 | 2 | 1 | 2 | 15 |
| 26 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 2 | 2 | 2 | 1 |
| 27 | 1 | 1 | 0 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 3 | 5 | 5 | 3 | 3 | 4 | 3 | 4 | 4 | 3 | 6 | 3 |
| 28 | 6 | 5 | 6 | 7 | 5 | 4 | 5 | 7 | 6 | 6 | 6 | 4 | 5 | 4 | 6 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 4 | 4 | 5 |
| 29 | 3 | 3 | 3 | 3 | 4 | 3 | 3 | 4 | 5 | 4 | 3 | 4 | 5 | 5 | 6 | 5 | 4 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 |
| 30 | 3 | 3 | 3 | 3 | 5 | 4 | 2 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 3 |
| 31 | 2 | 3 | 3 | 2 | 3 | 2 | 2 | 2 | 4 | 5 | 1 | 14 | 5 | 4 | 13 | 18 | 7 | 3 | 3 | 2 | 3 | 1 | 1 | 4 | 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 | | |
| 4 | 3 | 6 | 3 | 12 | 25 | 37 | 59 | 0 | - | 141 | 1 | - | 26 | 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: MARCH

STATION : AP LEI CHAU
POLLUTANT : NITROGEN DIOXIDE

YEAR : 2017
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 | 12 | 14 | 14 | 9 | 13 | 9 | 24 | 84 | 112 | 126 | 131 | 88 | 108 | 111 | 105 | 92 | 92 | 77 | 108 | 100 | 127 | 112 | 75 | 29 | 74 |
| 2 | 21 | 16 | 11 | 7 | 6 | 8 | 13 | 23 | 25 | 27 | 20 | 33 | 19 | 21 | 51 | 46 | 23 | 45 | 53 | 15 | 12 | 17 | 19 | 13 | 23 |
| 3 | 7 | 7 | 6 | 4 | 4 | 6 | 8 | 10 | 8 | 4 | 4 | 8 | 9 | 8 | 8 | 6 | 9 | 15 | 13 | 6 | 9 | 9 | 11 | 11 | 8 |
| 4 | 7 | 7 | 6 | 0 | 3 | 7 | 15 | 81 | 56 | 85 | 69 | 66 | 5 | 3 | 4 | 3 | 4 | 12 | 13 | 9 | 20 | 17 | 18 | 8 | 22 |
| 5 | 17 | 11 | 1 | 1 | 10 | 3 | 13 | 2 | 5 | 10 | 54 | 18 | 2 | 0 | 1 | 0 | 0 | 2 | 2 | 38 | 52 | 62 | 61 | 43 | 17 |
| 6 | 36 | 60 | 60 | 51 | 56 | 36 | 52 | 75 | 76 | 65 | 77 | 86 | 79 | 68 | 69 | 60 | 80 | 37 | 12 | 3 | 1 | 1 | 0 | 0 | 48 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 2 | 7 | 3 | M | 0 | 5 | 9 | 10 | 18 | 32 | 23 | 11 | 5 | 3 | 4 | 10 | 6 |
| 8 | 9 | 9 | 7 | 7 | 7 | 9 | 12 | 18 | 26 | 44 | 48 | 39 | 36 | 37 | 29 | 62 | 77 | 80 | 65 | 42 | 21 | 26 | 14 | 2 | 30 |
| 9 | 0 | 0 | 1 | 0 | 0 | 1 | 7 | 13 | 22 | 26 | 20 | 17 | 10 | 8 | 3 | 7 | 8 | 15 | 7 | 4 | 4 | 5 | 9 | 3 | 8 |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 3 | 12 | 51 | 74 | 68 | 104 | 89 | 13 | 7 | 2 | 18 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 5 | 5 | 5 | 7 | 5 | 8 | 18 | 10 | 10 | 8 | 8 | 1 | 0 | 0 | 0 | 4 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 4 | 5 | 5 | 4 | 4 | 4 | 11 | 40 | 3 | 3 | 0 | 0 | 2 | 4 |
| 13 | 0 | 0 | 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 7 | 0 | 1 | 16 | 8 | 1 | 0 | 0 | 0 | 2 |
| 14 | 0 | M | 7 | 4 | 15 | 19 | 17 | 20 | 30 | 7 | 1 | 1 | 0 | 0 | 3 | 0 | 5 | 16 | 6 | 3 | 1 | 0 | 0 | 0 | 7 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 3 | 7 | 6 | 0 | 0 | 0 | 7 | 1 |
| 16 | 5 | 0 | 0 | 0 | 0 | 0 | 2 | 9 | 17 | 16 | 14 | 16 | 18 | 23 | 21 | 16 | 24 | 28 | 22 | 10 | 3 | 3 | 6 | 6 | 11 |
| 17 | 6 | 6 | 6 | 3 | 0 | 1 | 4 | 5 | 9 | 8 | 10 | 12 | 13 | 9 | 10 | 16 | 14 | 10 | 7 | 5 | 6 | 4 | 3 | 6 | 7 |
| 18 | 5 | 4 | 1 | 0 | 0 | 0 | 0 | 2 | 5 | 8 | 10 | 6 | 7 | 6 | 9 | 9 | 10 | 11 | 5 | 12 | 11 | 8 | 7 | 7 | 6 |
| 19 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 4 | 8 | 5 | 2 | 5 | 12 | 20 | 21 | 1 | 0 | 1 | 6 | 5 | 4 | 4 | 2 | 4 | 5 |
| 20 | 4 | 3 | 0 | 0 | 0 | 0 | 6 | 42 | 52 | 59 | 28 | 6 | 0 | 0 | 0 | 19 | 4 | 1 | 14 | 22 | 5 | 1 | 13 | 34 | 13 |
| 21 | 32 | 26 | 1 | 0 | 15 | 15 | 29 | 41 | 43 | 43 | 41 | 10 | 0 | 2 | 13 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 13 |
| 22 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 5 | 4 | 6 | 6 | 8 | 7 | 13 | 15 | 17 | 21 | 26 | 25 | 21 | 9 | 9 | 12 | 9 |
| 23 | 14 | 7 | 6 | 3 | 0 | 1 | 8 | 22 | 34 | 45 | 62 | 60 | 5 | 0 | 0 | 0 | 2 | 3 | 0 | 2 | 14 | 21 | 16 | 15 | 14 |
| 24 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 4 | 1 | 0 | 2 | 0 | 0 | 2 | 3 | 2 | 3 | 9 | 5 | 0 | 6 | 4 | 10 | 2 |
| 25 | 24 | 14 | 36 | 48 | 29 | 80 | 44 | 20 | 30 | 59 | 74 | 57 | 60 | 89 | 72 | 75 | 73 | 68 | 71 | 68 | 63 | 43 | 44 | 38 | 53 |
| 26 | 30 | 26 | 23 | 17 | 13 | 15 | 18 | 17 | 21 | 24 | 34 | 36 | 26 | 18 | 16 | 21 | 22 | 36 | 36 | 36 | 21 | 25 | 24 | 18 | 24 |
| 27 | 16 | 11 | 7 | 4 | 2 | 3 | 8 | 21 | 17 | 10 | 8 | 7 | 4 | 7 | 6 | 7 | 7 | 8 | 10 | 8 | 15 | 15 | 6 | 11 | 9 |
| 28 | 10 | M | 10 | 6 | 6 | 8 | 11 | 19 | 19 | 12 | 8 | 7 | 7 | 6 | 8 | 9 | 14 | 15 | 13 | 8 | 7 | 6 | 6 | 3 | 9 |
| 29 | 2 | 2 | 1 | 0 | 1 | 2 | 4 | 6 | 4 | 4 | 5 | 4 | 3 | 3 | 4 | 6 | 7 | 4 | 5 | 2 | 1 | 0 | 0 | 0 | 3 |
| 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 4 | 5 | 5 | 2 | 0 | 1 | 3 | 5 | 8 | 3 | 3 | 4 | 3 | 7 | 10 | 0 | 3 |
| 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 3 | 23 | 26 | 72 | 70 | 75 | 86 | 83 | 70 | 52 | 37 | 31 | 28 | 10 | 10 | 15 | 29 |

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 | 7 | 16 | 7 | 51 | 72 | 88 | 107 | 0 | - | 131 | 1 | - | 74 | 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: MARCH

STATION : CHEUNG CHAU
POLLUTANT : SULPHUR DIOXIDE

YEAR : 2017
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 | 4 | 8 | 4 | 3 | 3 | 5 | 7 | 5 | 13 | 13 | 18 | 31 | 37 | 28 | 27 | 24 | 16 | 15 | 17 | 18 | 36 | 35 | 13 | 16 |
| 2 | 8 | 6 | 6 | 5 | 5 | 6 | 6 | 8 | 7 | 10 | 6 | 10 | 5 | 5 | 6 | 8 | 12 | 14 | 13 | 10 | 8 | 6 | 5 | 4 | 7 |
| 3 | 4 | 4 | 4 | 3 | 5 | 6 | 4 | 4 | 5 | 9 | 8 | 8 | 8 | 7 | 6 | 6 | 5 | 6 | 3 | 4 | 8 | 6 | 6 | 6 | 6 |
| 4 | 4 | 4 | 3 | 3 | 3 | 2 | 5 | 4 | 4 | 7 | 8 | 7 | 9 | 12 | 10 | 9 | 6 | 6 | 3 | 5 | 5 | 7 | 9 | 6 | 6 |
| 5 | 4 | 4 | 4 | 3 | 3 | 4 | 4 | 5 | 9 | 12 | 11 | 8 | 7 | 7 | 8 | 25 | 19 | 11 | 7 | 7 | 7 | 7 | 4 | 4 | 8 |
| 6 | 4 | 6 | 6 | 4 | 4 | 6 | 7 | 6 | 12 | 25 | 31 | 28 | 27 | 26 | 12 | 8 | 14 | 15 | 5 | 3 | 2 | 4 | 2 | 3 | 11 |
| 7 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 4 | 4 | 6 | 5 | 6 | 4 | 3 | 3 | 4 | 5 | 5 | 7 | 5 | 4 | 3 | 4 | 4 |
| 8 | 5 | 7 | 5 | 2 | 1 | 2 | 2 | 1 | 2 | 1 | 0 | 1 | 1 | 3 | 3 | 2 | 1 | 1 | 3 | 4 | 3 | 5 | 6 | 2 | 3 |
| 9 | 2 | 3 | 8 | 3 | 5 | 5 | 8 | 6 | 8 | 7 | 10 | M | 10 | 11 | 11 | 10 | 11 | 12 | 13 | 11 | 9 | 5 | 5 | 3 | 8 |
| 10 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 5 | 3 | 5 | 7 | 11 | 15 | 10 | 8 | 10 | 9 | 8 | 11 | 7 | 8 | 3 | 3 | 6 |
| 11 | 3 | 2 | 3 | 4 | 4 | 6 | 4 | 7 | 4 | 6 | 3 | 4 | 5 | 6 | 5 | 4 | 7 | 5 | 5 | 4 | 4 | 6 | 6 | 7 | 5 |
| 12 | 8 | 3 | 2 | 5 | 2 | 1 | 4 | 4 | 3 | 2 | 3 | 2 | 2 | 4 | 3 | 4 | 5 | 6 | 7 | 7 | 8 | 8 | 6 | 5 | 4 |
| 13 | 5 | 6 | 5 | 4 | 4 | 4 | 3 | 4 | 7 | 9 | 7 | 7 | 4 | 4 | 22 | 43 | 39 | 19 | 11 | 11 | 10 | 8 | 10 | 9 | 11 |
| 14 | 10 | 8 | 9 | 7 | 10 | 11 | 10 | 11 | 22 | 12 | 7 | 8 | 10 | 6 | 5 | 10 | 11 | 3 | 2 | 2 | 3 | 4 | 4 | 4 | 8 |
| 15 | 3 | 1 | 2 | 10 | 4 | 6 | 6 | 13 | 21 | 27 | 20 | 20 | 28 | 28 | 30 | 23 | 20 | 18 | 15 | 21 | 19 | 10 | 7 | 8 | 15 |
| 16 | 7 | 8 | 5 | 7 | 5 | 5 | 6 | 5 | 17 | 16 | 11 | 10 | 8 | 7 | 6 | 8 | 6 | 8 | 9 | 7 | 7 | 10 | 17 | 9 | 9 |
| 17 | 8 | 6 | 5 | 5 | 2 | 5 | 8 | 10 | 12 | 8 | 7 | 6 | 8 | 7 | 3 | 3 | 3 | 7 | 9 | 8 | 6 | 5 | 4 | 3 | 6 |
| 18 | 2 | 1 | 1 | 3 | 3 | 3 | 7 | 11 | 15 | 12 | 10 | 16 | 23 | 11 | 8 | 7 | 5 | 4 | 4 | 5 | 6 | 4 | 6 | 5 | 7 |
| 19 | 4 | 3 | 2 | 3 | 4 | 3 | 4 | 6 | 10 | 5 | 4 | 5 | 4 | 4 | 3 | 2 | 3 | 2 | 1 | 2 | 3 | 2 | 4 | 4 | 4 |
| 20 | 3 | 3 | 5 | 3 | 3 | 2 | 3 | 3 | 6 | 20 | 13 | 13 | 7 | 6 | 5 | 11 | 19 | 11 | 7 | 8 | 6 | 6 | 6 | 7 | 7 |
| 21 | 7 | 7 | 10 | 6 | 6 | 9 | 6 | 8 | 15 | 25 | 22 | 18 | 6 | 21 | 28 | 33 | 20 | 10 | 4 | 3 | 3 | 2 | 6 | 3 | 12 |
| 22 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 10 | 10 | 11 | 11 | 6 | 5 | 6 | 5 | 3 | 3 | 4 | 4 | 3 | 4 | 5 | 4 | 5 |
| 23 | 6 | 6 | 4 | 3 | 5 | 6 | 6 | 4 | 7 | 7 | 11 | 5 | 6 | 6 | 7 | 3 | 4 | 2 | 2 | 3 | 6 | 6 | 7 | 4 | 5 |
| 24 | 6 | 5 | 4 | 3 | 1 | 2 | 5 | 10 | 11 | 7 | 8 | 5 | 3 | 2 | 3 | 2 | 1 | 1 | 1 | 1 | 1 | 4 | 5 | 6 | 4 |
| 25 | 5 | 7 | 8 | 7 | 4 | 5 | 4 | 6 | 11 | 12 | 11 | 18 | 16 | 12 | 5 | 4 | 4 | 2 | 2 | 1 | 1 | 0 | 0 | 1 | 6 |
| 26 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 2 | 3 | 3 | 2 | 3 | 2 | 4 | 4 | 7 | 7 | 8 | 2 |
| 27 | 6 | 5 | 4 | 4 | 4 | 4 | 5 | 6 | 8 | 6 | 8 | 9 | 10 | 15 | 13 | 9 | 11 | 7 | 10 | 7 | 5 | 5 | 5 | 6 | 7 |
| 28 | 6 | 6 | 4 | 4 | 3 | 5 | 5 | 6 | 9 | 8 | 9 | 13 | 12 | 7 | 6 | 9 | 11 | 7 | 6 | 4 | 7 | 4 | 3 | 4 | 7 |
| 29 | 2 | 4 | 3 | 3 | 2 | 2 | 3 | 3 | 5 | 5 | 5 | 7 | 9 | 5 | 13 | 11 | 6 | 4 | 2 | 3 | 3 | 2 | 2 | 3 | 4 |
| 30 | 4 | 3 | 4 | 3 | 3 | 4 | 4 | 3 | 4 | 5 | 8 | 7 | 6 | 6 | 6 | 6 | 7 | 6 | 3 | 2 | 4 | 3 | 4 | 2 | 4 |
| 31 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 5 | 12 | 8 | 2 | 3 | 3 | 4 | 4 | 5 | 4 | 2 | 1 | 1 | 1 | 1 | 0 | 0 | 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 | | |
| 5 | 5 | 7 | 5 | 12 | 19 | 27 | 31 | 0 | - | 43 | 2 | - | 16 | 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: MARCH

STATION : CHEUNG CHAU
POLLUTANT : NITROGEN DIOXIDE

YEAR : 2017
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 | 65 | 63 | 85 | 67 | 40 | 67 | 97 | 107 | 95 | 125 | 81 | 117 | 129 | 149 | 110 | 110 | 106 | 95 | 93 | 166 | 135 | 160 | 166 | 126 | 106 |
| 2 | 38 | 22 | 16 | 9 | 14 | 31 | 25 | 28 | 35 | 59 | 37 | 38 | 44 | 44 | 29 | 28 | 30 | 43 | 39 | 42 | 131 | 53 | 64 | 59 | 40 |
| 3 | 60 | 54 | 24 | 21 | 29 | 37 | 27 | 18 | 24 | 40 | 32 | 33 | 14 | 12 | 12 | 14 | 11 | 13 | 13 | 21 | 37 | 31 | 75 | 107 | 32 |
| 4 | 82 | 21 | 42 | 36 | 33 | 61 | 83 | 74 | 63 | 121 | 88 | 21 | 20 | 17 | 15 | 16 | 13 | 19 | 20 | 31 | 128 | 123 | 138 | 129 | 58 |
| 5 | 95 | 49 | 62 | 32 | 38 | 61 | 23 | 46 | 98 | 107 | 92 | 57 | 71 | 43 | 37 | 47 | 46 | 45 | 81 | 89 | 110 | 106 | 77 | 80 | 66 |
| 6 | 91 | 98 | 85 | 68 | 74 | 86 | 87 | 68 | 85 | 106 | 96 | 86 | 78 | 81 | 73 | 97 | 128 | 104 | 27 | 20 | 20 | 33 | 21 | 24 | 72 |
| 7 | 16 | 17 | 16 | 14 | 11 | 21 | 14 | 21 | 30 | 44 | 31 | 39 | 24 | 17 | 17 | 19 | 23 | 37 | 34 | 32 | 32 | 25 | 17 | 24 | |
| 8 | 26 | M | 54 | 40 | 38 | 59 | 55 | 51 | 58 | 64 | 49 | 51 | 51 | 57 | 54 | 67 | 67 | 76 | 109 | 115 | 107 | 49 | 47 | 29 | 60 |
| 9 | 48 | 18 | 28 | 18 | 18 | 34 | 74 | 40 | 85 | 85 | 109 | M | 68 | 47 | 26 | 26 | 36 | 36 | 42 | 35 | 34 | 26 | 35 | 25 | 43 |
| 10 | 20 | 23 | 17 | 16 | 12 | 11 | 38 | 48 | 89 | 18 | 14 | 42 | 116 | 101 | 114 | 124 | 138 | 145 | 145 | 152 | 132 | 114 | 57 | 21 | 71 |
| 11 | 21 | 14 | 16 | 21 | 24 | 25 | 22 | 33 | 30 | 52 | 65 | 69 | 76 | 101 | 70 | 102 | 105 | 121 | 78 | 50 | 117 | 126 | 84 | 31 | 61 |
| 12 | 37 | 24 | 31 | 24 | 8 | 12 | 31 | 31 | 19 | 25 | 14 | 16 | 29 | 82 | 22 | 19 | 94 | 107 | 110 | 133 | 132 | 116 | 113 | 102 | 55 |
| 13 | 110 | 90 | 65 | 41 | 27 | 17 | 14 | 34 | 60 | 51 | 27 | 13 | 8 | 7 | 26 | 53 | 61 | 64 | 58 | 116 | 118 | 98 | 52 | 67 | 53 |
| 14 | 78 | 64 | 79 | 59 | 66 | 77 | 79 | 84 | 83 | 59 | 38 | 34 | 35 | 20 | 29 | 38 | 43 | 21 | 21 | 20 | 22 | 26 | 23 | 16 | 46 |
| 15 | 38 | 15 | 14 | 35 | 18 | 24 | 21 | 30 | 35 | 43 | 36 | 33 | 40 | 42 | 47 | 44 | 42 | 41 | 40 | 56 | 48 | 29 | 19 | 21 | 34 |
| 16 | 21 | 23 | 22 | 25 | 17 | 22 | 22 | 21 | 39 | 58 | 92 | 89 | 75 | 63 | 61 | 48 | 40 | 107 | 74 | 38 | 29 | 26 | 45 | 34 | 45 |
| 17 | 34 | 36 | 20 | 31 | 14 | 24 | 38 | 43 | 45 | 29 | 41 | 66 | 49 | 41 | 9 | 24 | 18 | 30 | 40 | 32 | 30 | 30 | 37 | 24 | 33 |
| 18 | 18 | 16 | 13 | 17 | 22 | 15 | 30 | 34 | 34 | 33 | 39 | 34 | 38 | 39 | 70 | 88 | 70 | 80 | 26 | 123 | 131 | 112 | 111 | 97 | 54 |
| 19 | 113 | 91 | 69 | 27 | 16 | 9 | 23 | 34 | 59 | 62 | 19 | 67 | 93 | 94 | 80 | 35 | 25 | 16 | 12 | 20 | 25 | 26 | 58 | 63 | 47 |
| 20 | 75 | 45 | 62 | 24 | 17 | 38 | 63 | 71 | 75 | 51 | 35 | 38 | 18 | 16 | 8 | 23 | 37 | 33 | 44 | 56 | 41 | 24 | 22 | 92 | 42 |
| 21 | 80 | 68 | 90 | 32 | 39 | 68 | 54 | 58 | 69 | 61 | 44 | 32 | 9 | 31 | 40 | 45 | 31 | 18 | 11 | 8 | 12 | 29 | 30 | 21 | 41 |
| 22 | 19 | M | 14 | 9 | 12 | 10 | 15 | 20 | 43 | 49 | 43 | 48 | 50 | 76 | 72 | 72 | 22 | 38 | 117 | 137 | 117 | 33 | 125 | 111 | 54 |
| 23 | 119 | 103 | 61 | 37 | 21 | 54 | 82 | 71 | 77 | 29 | 49 | 18 | 21 | 14 | 18 | 9 | 11 | 11 | 10 | 44 | 83 | 100 | 44 | 19 | 46 |
| 24 | 60 | 79 | 52 | 30 | 8 | 12 | 18 | 34 | 25 | 25 | 24 | 21 | 13 | 12 | 16 | 10 | 6 | 7 | 21 | 20 | 11 | 54 | 146 | 123 | 34 |
| 25 | 121 | 91 | 85 | 64 | 44 | 32 | 55 | 90 | 77 | 70 | 68 | 87 | 61 | 56 | 71 | 75 | 58 | 48 | 49 | 45 | 44 | 38 | 45 | 39 | 63 |
| 26 | 30 | 32 | 34 | 21 | 17 | 21 | 19 | 20 | 27 | 34 | 34 | 27 | 30 | 34 | 41 | 46 | 49 | 56 | 56 | 70 | 70 | 74 | 83 | 78 | 42 |
| 27 | 57 | 45 | 38 | 37 | 29 | 10 | 15 | 49 | 56 | 31 | 23 | 28 | 30 | 29 | 22 | 23 | 33 | 18 | 26 | 20 | 49 | 73 | 29 | 32 | 33 |
| 28 | 28 | 35 | 17 | 19 | 18 | 27 | 49 | 26 | 58 | 28 | 20 | 41 | 35 | 9 | 9 | 32 | 41 | 31 | 29 | 25 | 111 | 20 | 9 | 25 | 31 |
| 29 | 24 | 54 | 39 | 25 | 18 | 32 | 65 | 25 | 26 | 21 | 25 | 23 | 24 | 9 | 29 | 30 | 30 | 30 | 87 | 89 | 23 | 15 | 15 | 11 | 32 |
| 30 | 11 | 9 | 16 | 14 | 20 | 24 | 23 | 25 | 31 | 43 | 42 | 31 | 15 | 9 | 42 | 64 | 68 | 64 | 23 | 14 | 27 | 28 | 68 | 12 | 30 |
| 31 | 34 | 15 | 26 | 15 | 9 | 36 | 62 | 29 | 73 | 60 | 45 | 57 | 89 | 101 | 100 | 85 | 75 | 69 | 42 | 39 | 37 | 39 | 25 | 21 | 49 |

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 | | |
| 38 | 38 | 48 | 38 | 100 | 117 | 131 | 142 | 6 | - | 166 | 24 | - | 106 | 2 | 100 | 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 : January – March 2017

| Week Ending | No. of Samples | Suspended Solids, mg/L | | | pH | | |
|-------------|----------------|------------------------|---------|---------|---------|---------|---------|
| | | Maximum | Minimum | Average | Maximum | Minimum | Average |
| 07/01/17 | 3* | 22 | 13 | 18 | 8.3 | 7.8 | 8.1 |
| 14/01/17 | 4* | 21 | 13 | 17 | 8.3 | 8.1 | 8.2 |
| 21/01/17 | 5* | 19 | 12 | 14 | 8.3 | 7.8 | 8.1 |
| 28/01/17 | 6* | 20 | 11 | 15 | 8.3 | 7.8 | 8.1 |
| 04/02/17 | 4* | 22 | 15 | 17 | 8.2 | 8.0 | 8.1 |
| 11/02/17 | 5* | 21 | 12 | 17 | 8.0 | 7.8 | 7.9 |
| 18/02/17 | 4* | 22 | 17 | 19 | 8.2 | 7.8 | 8.1 |
| 25/02/17 | 5* | 20 | 12 | 16 | 8.2 | 7.6 | 8.0 |
| 04/03/17 | 5* | 21 | 13 | 16 | 8.2 | 7.6 | 8.0 |
| 11/03/17 | 6* | 20 | 13 | 16 | 8.3 | 8.0 | 8.1 |
| 18/03/17 | 6* | 22 | 12 | 17 | 8.4 | 7.6 | 8.0 |
| 25/03/17 | 7 | 23 | 12 | 18 | 8.2 | 7.8 | 8.0 |

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 : January – March 2017

| Sampling date | | 17/1/2017 | 7/2/2017 | 7/3/2017 |
|--------------------|------|-----------|----------|----------|
| Barium, | ug/L | <150 | <150 | <150 |
| Mercury, | ug/L | <0.5 | <0.5 | <0.5 |
| Cadmium, | ug/L | 2 | 2 | 4 |
| Iron, | ug/L | <400 | <400 | <400 |
| Total Phosphorous, | mg/L | <0.8 | <0.8 | <0.8 |
| Total Nitrogen, | mg/L | 209 | 188 | 247 |
| 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 1/10 th of the WPCO Licence permitted limits will not be reported. When the concentration of a metal exceeds 1/10 th 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 |