

The Hongkong Electric Co., Ltd.
Lamma Power Station Extension
TEOM Continuous Dust Monitor
Data Quality Assurance Log Sheet

Month: September Year: 2024

Reservoir (AM1)				
Date	Frequency (Hz) (240 - 275)	Operation Mode (Mode 4)	Main Flow (l/min) (2.70 - 3.30)	Bypass Flow (l/min) (12.30 - 15.04)
5/9/2024	259.940	4	2.45	13.35
11/9/2024	259.673	4	2.41	13.48
17/9/2024	260.302	4	2.94	13.39
23/9/2024	260.020	4	2.49	13.69
29/9/2024	259.708	4	2.27	13.50

East Gate (AM2)				
Date	Frequency (Hz) (240 - 275)	Operation Mode (Mode 4)	Main Flow (l/min) (2.70 - 3.30)	Bypass Flow (l/min) (12.30 - 15.04)
5/9/2024	263.578	4	3.21	14.63
11/9/2024	263.208	4	3.24	14.74
17/9/2024	264.132	4	3.22	14.69
23/9/2024	263.651	4	3.23	14.71
29/9/2024	263.039	4	3.24	14.74

Ash Lagoon (AM3)				
Date	Frequency (Hz) (240 - 275)	Operation Mode (Mode 4)	Main Flow (l/min) (2.70 - 3.30)	Bypass Flow (l/min) (12.30 - 15.04)
5/9/2024	257.683	4	1.88	5.57
11/9/2024	257.565	4	1.32	4.80
17/9/2024	257.419	4	1.20	4.89
23/9/2024	257.298	4	1.13	5.59
29/9/2024	257.582	4	2.13	13.60

Maintenance Record			
	Reservoir	East Gate	Ash Lagoon
TEOM Filter Exchange	✓	✓	✓
Clean TSP Inlet	✓	✓	✓
Replace flow in-line filter	✓	✓	✓
Pump Repair			
Leak Check			
Flow audit			
Flow Controller Calibration			
A/C filter cleaning			

Remarks:

Prepared by: Chris Chan

Checked by: HY Chan

The Hongkong Electric Co., Ltd.
Mini Volume Air Sampler Site Visit Log Sheet

Attendance Log

Site Name: Tai Yuen Village (AM4)

Date/Time	Staff Name
25/9/2024 / 15:30	David Tsang

Equipment / Item

Equipment / Item	Serial No. / No.
MINIVOL	3393
Used Filter Paper No.	MT44
New Filter Paper No.	MT45

Type of Filter: Glass-fibre

I. Calibration is performed by using Drycal DC-2 Flow Calibrator
 5 std. L/min set point is recommended

Before: 5.00
 After: 5.00 (No Adjustment)

II. General Services

- | | |
|--|------------|
| 1. Clean Rotameter: | <u>Yes</u> |
| 2. Clean / Replace Pump Valves: | <u>No</u> |
| 3. Clean / Replace Pump Diaphragms: | <u>No</u> |
| 4. Clean Impaction Inlet: | <u>Yes</u> |
| 5. Replace Timer Battery Every 6 months: | <u>Yes</u> |
| 6. Replace Inlet Filter: | <u>Yes</u> |

III. Remarks

Conducted by: David Tsang Checked by: SM Hon

The Hongkong Electric Co., Ltd.
Lamma Power Station Extension
Noise Monitoring Station
Site Visit Log Sheet

Location: Ash Lagoon

Date/Time	Staff Attended
22/8/2024 / 14:45	Brian So / Thomas Ho

Equipment	Serial No.
B&K 2250	3008621

1. Calibration

Acoustic calibrator: B&K 4231 (S/N: 3014754)

Noise level measured in calibration: 94.0 (94 ±1.0 dBA)

2. Weather Conditions

a. Fine

b. Calm

3. Remark/Observation

N/A

Prepared by: Thomas Ho

Checked by: Brian So

The Hongkong Electric Co., Ltd.
Lamma Power Station Extension
Noise Monitoring Station
Site Visit Log Sheet

Location: Ching Lam

Date/Time	Staff Attended
22/8/2024 / 12:15	Brian So / Thomas Ho

Equipment	Serial No.
B&K 2250	3008903

1. Calibration

Acoustic calibrator: B&K 4231 (S/N: 3014754)

Noise level measured in calibration: 93.9 (94 ±1.0 dBA)

2. Weather Conditions

a. Fine

b. Calm

3. Remark/Observation

N/A

Prepared by: Thomas Ho

Checked by: Brian So