

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

Month: August

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)
6/8/2024	261.003	4	2.94	13.42
12/8/2024	260.706	4	2.96	13.49
18/8/2024	260.472	4	2.98	13.57
24/8/2024	260.527	4	2.96	13.47
30/8/2024	260.245	4	2.96	13.47

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)
6/8/2024	263.014	4	2.92	13.31
12/8/2024	263.714	4	3.23	14.71
18/8/2024	263.412	4	3.23	14.72
24/8/2024	264.444	4	3.25	14.79
30/8/2024	263.974	4	3.23	14.72

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)
6/8/2024	257.504	4	2.34	6.27
12/8/2024	257.298	4	1.61	7.94
18/8/2024	257.162	4	1.43	5.56
24/8/2024	258.174	4	3.00	4.51
30/8/2024	257.928	4	2.46	4.55

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
28/8/2024 / 15:30	David Tsang

Equipment / Item

Equipment / Item	Serial No. / No.
MINIVOL	3393
Used Filter Paper No.	MT39
New Filter Paper No.	MT40

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: Yes
2. Clean / Replace Pump Valves: No
3. Clean / Replace Pump Diaphragms: No
4. Clean Impaction Inlet: Yes
5. Replace Timer Battery Every 6 months: Yes
6. Replace Inlet Filter: Yes

- 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