

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

Month: March

Year: 2026

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)
5/3/2026	256.620	4	3.09	14.09
11/3/2026	256.079	4	3.11	14.17
17/3/2026	255.507	4	3.07	14.01
23/3/2026	258.019	4	3.04	13.87
29/3/2026	257.568	4	3.03	13.82

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)
5/3/2026	254.353	4	3.00	13.66
11/3/2026	253.779	4	3.00	13.66
17/3/2026	253.196	4	3.00	13.66
23/3/2026	255.113	4	3.00	13.66
29/3/2026	254.625	4	3.00	13.66

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)
5/3/2026	257.450	4	3.00	13.67
11/3/2026	256.935	4	3.00	13.67
17/3/2026	256.397	4	3.00	13.67
23/3/2026	256.005	4	3.00	13.67
29/3/2026	255.645	4	3.00	13.67

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
26/3/2026 / 10:00	Alex Ng

Equipment / Item

Equipment / Item	Serial No. / No.
MINIVOL	8468
Used Filter Paper No.	MU28
New Filter Paper No.	MU29

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: Alex Ng Checked by: SM Hon