

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

Month: July

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)
1/7/2024	270.449	4	1.87	10.31
7/7/2024	270.443	4	2.04	10.31
13/7/2024	270.218	4	2.82	10.33
19/7/2024	260.885	4	2.97	13.54
25/7/2024	260.721	4	2.22	13.68
31/7/2024	260.521	4	2.82	13.56

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)
1/7/2024	261.072	4	3.00	13.67
7/7/2024	260.906	4	3.00	13.67
13/7/2024	260.874	4	3.00	13.67
19/7/2024	260.665	4	3.00	13.67
25/7/2024	260.745	4	3.00	13.67
31/7/2024	260.472	4	3.00	13.67

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)
1/7/2024	257.022	4	1.40	5.87
7/7/2024	256.926	4	1.36	5.98
13/7/2024	256.868	4	1.29	5.91
19/7/2024	258.270	4	3.00	4.67
25/7/2024	258.056	4	3.00	4.42
31/7/2024	257.831	4	2.78	5.38

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
30/7/2024 / 14:00	David Tsang

Equipment / Item

Equipment / Item	Serial No. / No.
MINIVOL	3393
Used Filter Paper No.	MT34
New Filter Paper No.	MT35

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