

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

Month: February

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)
3/2/2026	256.460	4	3.14	14.30
9/2/2026	255.946	4	3.16	14.39
15/2/2026	257.859	4	3.05	13.91
21/2/2026	257.322	4	3.06	13.96
27/2/2026	256.766	4	3.05	13.90

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)
3/2/2026	254.027	4	3.00	13.66
9/2/2026	253.472	4	3.00	13.66
15/2/2026	252.949	4	3.00	13.66
21/2/2026	255.086	4	3.00	13.66
27/2/2026	254.521	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)
3/2/2026	257.217	4	3.00	13.67
9/2/2026	256.717	4	3.00	13.67
15/2/2026	256.218	4	3.00	13.67
21/2/2026	255.761	4	3.00	13.67
27/2/2026	256.581	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
16/2/2026 / 15:00	Alex Ng

Equipment / Item

Equipment / Item	Serial No. / No.
MINIVOL	8468
Used Filter Paper No.	MU22
New Filter Paper No.	MU23

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

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Conducted by: Alex Ng Checked by: SM Hon

**The Hongkong Electric Co., Ltd.**  
**Lamma Power Station Extension**  
**Noise Monitoring Station**  
**Daily Calibration Records**

Date	Location: Ash Lagoon		Location: Ching Lam	
	Calibration Results	Deviation from Reference (dB)	Calibration Results	Deviation from Reference (dB)
01/02/2026	Passed	0.01	Passed	-0.15
02/02/2026	Passed	0.01	Passed	-0.14
03/02/2026	Passed	0.02	Passed	-0.15
04/02/2026	Passed	0.02	Passed	-0.14
05/02/2026	Passed	0.02	Passed	-0.09
06/02/2026	Passed	0.04	Passed	-0.11
07/02/2026	Passed	0.04	Passed	-0.14
08/02/2026	Passed	0.01	Passed	-0.17
09/02/2026	Passed	0.00	Passed	0.13
10/02/2026	Passed	0.02	Passed	-0.12
11/02/2026	Passed	0.07	Passed	-0.13
12/02/2026	Passed	0.07	Passed	-0.13
13/02/2026	Passed	0.11	Passed	-0.13
14/02/2026	Passed	0.09	Passed	-0.10
15/02/2026	Passed	0.09	Passed	-0.10
16/02/2026	Passed	0.09	Passed	-0.10
17/02/2026	Passed	0.04	Passed	-0.13
18/02/2026	Passed	0.03	Passed	-0.13
19/02/2026	Passed	0.03	Passed	-0.14
20/02/2026	Passed	0.10	Passed	-0.12
21/02/2026	Passed	0.11	Passed	-0.08
22/02/2026	Passed	0.12	Passed	-0.10
23/02/2026	Passed	0.11	Passed	-0.07
24/02/2026	Passed	0.14	Passed	-0.09
25/02/2026	Passed	0.11	Passed	-0.07
26/02/2026	Passed	0.11	Passed	-0.06
27/02/2026	Passed	0.02	Passed	-0.06
28/02/2026	Passed	0.01	Passed	0.31

Remarks:

1. The B&K sound level meter at the noise monitoring station has an advanced feature of internal calibration checking (viz. Charge Injection Calibration (CIC)). CIC is a B&K patented method for in situ verification of the integrity of the entire sound measurement chain (including microphone, preamplifier and cabling).
2. The acceptance criterion of deviation from reference is  $\pm 0.5$  dB.