

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
20/4/2026 / 15:00	Alex Ng

Equipment / Item

Equipment / Item	Serial No. / No.
MINIVOL	8468
Used Filter Paper No.	MU32
New Filter Paper No.	MU33

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

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)
01/04/2026	Passed	0.23	Passed	0.00
02/04/2026	Passed	0.11	*	*
03/04/2026	Passed	0.09	Passed	0.26
04/04/2026	Passed	0.05	Passed	-0.02
05/04/2026	Passed	0.06	Passed	0.07
06/04/2026	Passed	0.09	Passed	0.01
07/04/2026	Passed	0.11	Passed	0.02
08/04/2026	Passed	0.06	*	*
09/04/2026	Passed	0.11	*	*
10/04/2026	Passed	0.09	*	*
11/04/2026	Passed	0.10	*	*
12/04/2026	Passed	0.11	*	*
13/04/2026	Passed	0.11	*	*
14/04/2026	Passed	0.10	Passed	-0.03
15/04/2026	Passed	0.10	Passed	-0.01
16/04/2026	Passed	0.12	Passed	-0.03
17/04/2026	Passed	0.08	*	*
18/04/2026	Passed	0.32	Passed	-0.02
19/04/2026	Passed	0.20	Passed	-0.02
20/04/2026	Passed	0.11	Passed	0.00
21/04/2026	Passed	0.10	Passed	0.01
22/04/2026	Passed	0.11	Passed	0.00
23/04/2026	Passed	0.08	Passed	-0.04
24/04/2026	Passed	-0.05	*	*
25/04/2026	Passed	0.11	Passed	-0.01
26/04/2026	Passed	0.16	Passed	0.00
27/04/2026	Passed	0.20	Passed	-0.02
28/04/2026	Passed	0.08	Passed	-0.01
29/04/2026	Passed	0.03	*	*
30/04/2026	Passed	0.39	Passed	0.01
31/04/2026	Passed	0.23	*	*

Remarks:

1. *- Due to error in downloading the noise data, the CIC calibration record was lost.
2. 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).
3. The acceptance criterion of deviation from reference is ± 0.5 dB.

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

Month: April

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)
4/4/2026	257.083	4	3.01	13.73
10/4/2026	256.621	4	3.00	13.67
16/4/2026	258.260	4	3.00	13.67
22/4/2026	257.789	4	2.99	13.60
28/4/2026	257.456	4	3.01	13.70

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)
4/4/2026	254.089	4	3.00	13.66
10/4/2026	253.595	4	3.00	13.66
16/4/2026	253.267	4	3.00	13.66
22/4/2026	255.462	4	3.00	13.66
28/4/2026	255.077	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)
4/4/2026	255.295	4	3.00	13.67
10/4/2026	257.028	4	3.00	13.67
16/4/2026	256.749	4	3.00	13.67
22/4/2026	256.645	4	3.00	13.67
28/4/2026	256.791	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