

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

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 ± 0.5 dB.

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

Month: July

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)
3/7/2026	256.243	4	2.98	13.57
9/7/2026	255.878	4	2.95	13.45
15/7/2026	258.016	4	2.99	13.61
21/7/2026	257.592	4	2.97	13.54
27/7/2026	257.056	4	2.99	13.60

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)
3/7/2026	254.401	4	3.00	13.66
9/7/2026	253.911	4	3.00	13.66
15/7/2026	257.818	4	3.00	13.66
21/7/2026	257.406	4	3.00	13.66
27/7/2026	256.807	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)
3/7/2026	258.981	4	3.00	13.67
9/7/2026	258.720	4	3.00	13.67
15/7/2026	257.601	4	3.00	13.67
21/7/2026	257.248	4	3.00	13.67
27/7/2026	256.887	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: Alex Ng

Checked by: HM 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
22/7/2026 / 15:00	Donald Kwan

Equipment / Item

Equipment / Item	Serial No. / No.
MINIVOL	8468
Used Filter Paper No.	MU48
New Filter Paper No.	MU49

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:	<u>5.00</u>
After:	<u>5.00 (No Adjustment)</u>

- II. General Services

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

- III. Remarks

Conducted by: Donald Kwan Checked by: SM Hon