

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

Month: Sep

Year: 2021

Reservoir (AM1)				
Date	Frequency (Hz) (240 - 275)	Operation Mode (Mode 4)	Main Flow(l/m in) (2.70 - 3.30)	Bypass Flow(l/min) (12.30 - 15.04)
3/9/2021	269.997	4	2.97	12.46
9/9/2021	269.774	4	2.91	13.18
15/9/2021	269.379	4	2.90	10.86
21/9/2021	269.001	4	2.93	10.79
27/9/2021	268.662	4	2.93	12.33

East Gate (AM2)				
Date	Frequency (Hz) (240 - 275)	Operation Mode (Mode 4)	Main Flow(l/m in) (2.70 - 3.30)	Bypass Flow(l/min) (12.30 - 15.04)
3/9/2021	250.328	4	2.92	13.30
9/9/2021	250.068	4	2.92	13.33
15/9/2021	251.793	4	2.92	13.32
21/9/2021	251.338	4	2.92	13.32
27/9/2021	251.018	4	2.94	13.36

Ash Lagoon (AM3)				
Date	Frequency (Hz) (240 - 275)	Operation Mode (Mode 4)	Main Flow(l/m in) (2.70 - 3.30)	Bypass Flow(l/min) (12.30 - 15.04)
3/9/2021	256.732	4	3.00	13.68
9/9/2021	256.569	4	3.00	13.68
15/9/2021	256.864	4	3.00	13.68
21/9/2021	256.566	4	3.00	13.68
27/9/2021	256.285	4	3.00	13.68

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
17/09/2021 / 10:15	W.M. Tam

Equipment / Item

Equipment / Item	Serial No. / No.
MINIVOL	5580
Used filter paper no.	MR58
New filter paper no.	MR59

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: 5.019
After: 5.019 (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: No
6. Replace Inlet Filter: Yes

Remarks

N/A

Conducted by: W.M. Tam

Checked by: SM Hon

The Hongkong Electric Co., Ltd.
Lamma Power Station Extension
Noise Monitoring Station
Site Visit Log Sheet

Location: Ash Lagoon

Date/Time	Staff Attended
17/9/2021 / 14:00	WM Tam

Equipment	Serial No.
B&K 2250	3024699

1. Calibration

Acoustic calibrator: B&K 4231 (S/N: 3014754)

Noise level measured in calibration: 93.4 (94 ±1.0 dBA)

2. Weather Conditions

a. Fine

b. Calm

3. Remark/Observation

N/A

Prepared by: WM Tam

Checked by: TL Chu

The Hongkong Electric Co., Ltd.
Lamma Power Station Extension
Noise Monitoring Station
Site Visit Log Sheet

Location: Ching Lam

Date/Time	Staff Attended
28/9/2021 / 14:00	WM Tam / Brian So

Equipment	Serial No.
B&K 2250	3008903

1. Calibration

Acoustic calibrator: B&K 4231 (S/N: 3014754)

Noise level measured in calibration: 94.0 (94 ±1.0 dBA)

2. Weather Conditions

a. Sunny

b. Calm

3. Remark/Observation

N/A

Prepared by: WM Tam

Checked by: TL Chu