

Appendix F

The QA/QC Procedures and Results

HIGH VOLUME AIR SAMPLER
SITE VISIT LOG SHEET

Site Name: RE Site No.: AML
 Date of visit: 12-12-2016 Hour of Visit: 10:15
 Staff name: W.H MAN HVAS S/N: 0131
 Used filter paper no.: MH57 New filter paper no.: MH59
 Type of filter: Glass-fibre

I. Ambient Conditions

Temperature, $T_a = 298.1$ K Pressure, $P_a = 1010.0$ mb

II. Correction of manometer reading

Calibration orifice No.	Manometer reading at site conditions corresponds to $Q_{STD} = 40$ ft ³ /min. (inch H ₂ O)
1534(10/2016)	$H_a = 18.32(T_a/P_a) = 5.41$

Manometer reading before calibration: 5.20
 Adjustment of flow controller (Y/N): Y
 Manometer reading after calibration: 5.40

Note: Tolerance Limit of HVAS flow: " 1.0 ft³/min. Corresponding limits for manometer : " 0.2 inch H₂O

III. General Conditions of HVAS

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IV. Remarks

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Conducted by: W.H MAN Checked by: ASA

HIGH VOLUME AIR SAMPLER
SITE VISIT LOG SHEET

Site Name: EG Site No.: AM2
Date of visit: 12-12-2016 Hour of Visit: 11:15
Staff name: WHMAN HVAS S/N: 0132
Used filter paper no.: MH58 New filter paper no.: MH60
Type of filter: Glass-fibre

I. Ambient Conditions

Temperature, $T_a = 298.6$ K Pressure, $P_a = 1014.5$ mb

II. Correction of manometer reading

Calibration orifice No.	Manometer reading at site conditions corresponds to $Q_{STD} = 40$ ft ³ /min. (inch H ₂ O)
1534(10/2016)	$H_a = 18.32(T_a/P_a) = 5.39$

Manometer reading before calibration: 5.60
Adjustment of flow controller (Y/N): Y
Manometer reading after calibration: 5.40

Note: Tolerance Limit of HVAS flow: " 1.0 ft³/min. Corresponding limits for manometer : " 0.2 inch H₂O

III. General Conditions of HVAS

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IV. Remarks

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Conducted by: WHMAN Checked by: [Signature]

THE HONGKONG ELECTRIC CO., LTD.
LAMMA POWER STATION AND LAMMA EXTENSION
NOISE MONITORING STATIONS
SITE VISIT LOG SHEET

Location ~~Station Building Rooftop/Reservoir Area/Ching Lam/~~
Ash Lagoon/No.2 Limestone Silo Roof/Hung Shing Ye*

Date 15-12-2016 Time 10:45 hrs

Equipment B&K 2250 Serial No. 3009916

Staff Attended W.M.TAM / W.H.MAN

1. Calibration

Acoustic calibrator: B&K 4231 (S/N: 2730419)

Noise level measured in calibration: 93.9 (94±1.0 dBA)

2. Weather Conditions

a. Sunny/fine/cloudy/showery/heavy rain*

b. Strong wind/breeze/calm*

3. Beacon

Function normally (Yes/No): YES

4. Remark/Observation

The SLM B&K 2250 (S/N: 3008903) was replaced by the above SLM.

Note: * - Please delete where inappropriate.

Conducted By: W.M.TAM / W.H.MAN Checked By: Terence Chu

THE HONGKONG ELECTRIC CO., LTD.
LAMMA POWER STATION AND LAMMA EXTENSION
NOISE MONITORING STATIONS
SITE VISIT LOG SHEET

Location ~~Station Building Rooftop/Reservoir Area/Ching Lam/~~
~~Ash Lagoon/No.2 Limestone Silo Roof/Hung Shing Ye*~~

Date 15-12-2016 Time 15:45 hrs

Equipment B&K 2250 Serial No. 3008621

Staff Attended W.M.TAM / W.H.MAN

1. Calibration

Acoustic calibrator: B&K 4231 (S/N: 2730419)

Noise level measured in calibration: 94.9 (94±1.0 dBA)

2. Weather Conditions

a. ~~Sunny/fine/cloudy/showery/heavy rain*~~

b. ~~Strong wind/breeze/calm*~~

3. Beacon

Function normally (Yes/No): YES

4. Remark/Observation

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Note: * - Please delete where inappropriate.

Conducted By: W.M.TAM / W.H.MAN Checked By: Terence Chu