

Appendix F

The QA/QC Procedures and Results

HIGH VOLUME AIR SAMPLER
SITE VISIT LOG SHEET

Site Name: RE Site No.: PM1
 Date of visit: 18-4-2006 Hour of Visit: 10:30
 Staff name: W. L. Mpk HVAS S/N: 2198
 Used filter paper no.: LT38 New filter paper no.: LT40
 Type of filter: Glass-fibre

I. Ambient Conditions

Temperature, $T_a = \frac{273 + 26}{2990}$ K Pressure, $P_a = 1014$ 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)
1535(09/2005)	$\Delta H_a = 19.29(T_a/P_a) = 5.68''$

Manometer reading before calibration: 5.70''
 Adjustment of flow controller (Y/N): N
 Manometer reading after calibration: 5.70''

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

III. General Conditions of HVAS

IV. Remarks

HIGH VOLUME AIR SAMPLER
SITE VISIT LOG SHEET

Site Name: EG Site No.: AM2
 Date of visit: 18-4-06 Hour of Visit: 11:30
 Staff name: H.K. TSANG, W. MAK HVAS S/N: 2195
 Used filter paper no.: LT39 New filter paper no.: LT41
 Type of filter: Glass-fibre

I. Ambient Conditions

Temperature, $T_a = \frac{273 + 28.2}{301.2}$ K Pressure, $P_a = 1015$ 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)
1535(09/2005)	$\Delta H_a = 19.29(T_a/P_a) = 5.72$

Manometer reading before calibration: 5.4
 Adjustment of flow controller (Y/N): Y
 Manometer reading after calibration: 5.7

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

III. General Conditions of HVAS

IV. Remarks

MINI VOLUME AIR SAMPLER

SITE VISIT LOG SHEET

Site Name: TYV Site No.: AM4

Date of visit: 18-4-06 Hour of Visit: 10:40

Staff name: H.K. Tsang MINIVOL S/N: 3393

Used filter paper no.: MI00 New filter paper no.: MI01

Type of filter: Cellulose / Glass-fibre
(Delete as appropriate)

I. Calibration is performed by using Drycal DC-2 Flow Calibrator
5 Sl/min set point is recommended

5.0 Before 5.0 After

II. General Service of Mini Vol Air Sampler

1. Clean Rotameter: X
2. Clean / replace Pump Valves: ✓
3. Clean / replace Pump Diaphragms: ✓
4. Clean Impaction Inlet: X
5. Replace Timer Battery Every 6 months: X
6. Replace Inlet Filter: ✓

III. Remarks

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

Location Ash Lagoon/~~Ching Lam~~*

Date 10-4-06 Time 10:30

Equipment Rion NA-27/~~B&K-2238F~~* Sound Level Meter

Serial Number 00111465/00111466/00111467/2343838/2356907*

Staff Attended W.L. MAK ; H.K. TSANG

1. Calibration

Acoustic calibrator used Rion NC-74

Calibration level before adjustment (dB(A)) 94.0

Calibration level after adjustment (dB(A)) 94

2. Weather Conditions

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

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

3. Remark/Observation

Note: * - Please delete where inappropriate

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

Location Ash Lagoon/Ching Lam*

Date 20-4-06 Time 10.00

Equipment Rion NA-27/B&K 2238F* Sound Level Meter

Serial Number ~~00111465/00111466/00111467/2343838/2356907*~~

Staff Attended W.T. MAK ; H.K. TSANG

1. Calibration

Acoustic calibrator used Rion NC-74

Calibration level before adjustment (dB(A)) 84.0

Calibration level after adjustment (dB(A)) 94

2. Weather Conditions

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

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

3. Remark/Observation

Note: * - Please delete where inappropriate

Equipment Calibration Record for April 2006

Site: Civil works for 275kV Cable Route from Lamma Island to Cyberport

Noise Equipment Used: RION NL-31

Calibrator Used: RION NC-74

Measurement Location: N4 – Pak Kok Tsui No. 2

Date	Calibration Level before Measurement (dB(A))	Calibration Level after Measurement (dB(A))	Calibrated by
04/04/2006	94.0	94.0	C K Law
07/04/2006	94.0	94.0	C K Law
11/04/2006	94.0	94.0	C K Law
13/04/2006	94.0	94.0	C K Law
18/04/2006	94.0	94.0	C K Law
21/04/2006	94.0	94.0	C K Law
25/04/2006	94.0	94.0	C K Law
28/04/2006	94.0	94.0	C K Law
-	-	-	-

Measurement Location: N5 – Pak Kok Tsui No. 8

Date	Calibration Level before Measurement (dB(A))	Calibration Level after Measurement (dB(A))	Calibrated by
04/04/2006	94.0	94.0	C K Law
07/04/2006	94.0	94.0	C K Law
11/04/2006	94.0	94.0	C K Law
13/04/2006	94.0	94.0	C K Law
18/04/2006	94.0	94.0	C K Law
21/04/2006	94.0	94.0	C K Law
25/04/2006	94.0	94.0	C K Law
28/04/2006	94.0	94.0	C K Law
-	-	-	-

Note: Measurement accepted as valid only if the calibration levels from before and after the noise measurement agreed to within 1.0 dB.