

Appendix F

The QA/QC Procedures and Results

HIGH VOLUME AIR SAMPLER
SITE VISIT LOG SHEET

Site Name: R.E Site No.: AM1
 Date of visit: 15-12-2003 Hour of Visit: 1035
 Staff name: W.L. N/AK HVAS S/N: 2198
 Used filter paper no.: LQ42 New filter paper no.: LQ44
 Type of filter: Glass-fibre

I. Ambient Conditions

Temperature, $T_a = \frac{273 + 21.0}{294.0}$ K Pressure, $P_a = 1019$ mb

II. Correction of manometer reading

Calibration orifice No.	Manometer reading at site conditions corresponds to $Q_{STD} = 40 \text{ ft}^3/\text{min}$. (inch H ₂ O)
1534(04/2002)	$\Delta H_a = 18.0(T_a/P_a) = \underline{\hspace{2cm}}$
✓ 1535(09/2003)	$\Delta H_a = 18.2(T_a/P_a) = \underline{5.25}$

Manometer reading before calibration: 5.50
 Adjustment of flow controller (Y/N): Y
 Manometer reading after calibration: 5.20

Note: Tolerance Limit of HVAS flow: $\pm 1.0 \text{ ft}^3/\text{min}$. Corresponding limits for manometer : $\pm 0.2 \text{ inch H}_2\text{O}$

III. General Conditions of HVAS

IV. Remarks

HIGH VOLUME AIR SAMPLER
SITE VISIT LOG SHEET

Site Name: E-G Site No.: AM2
 Date of visit: 15-12-2003 Hour of Visit: 11:10
 Staff name: W. L. MAK HVAS S/N: 2195
 Used filter paper no.: LQ43 New filter paper no.: LQ45
 Type of filter: Glass-fibre

I. Ambient Conditions

Temperature, $T_a = \frac{273 + 19.6}{292.6}$ K Pressure, $P_a = 1022$ mb

II. Correction of manometer reading

Calibration orifice No.	Manometer reading at site conditions corresponds to $Q_{STD} = 40 \text{ ft}^3/\text{min}$. (inch H ₂ O)
1534(04/2002)	$\Delta H_a = 18.0(T_a/P_a) =$ _____
✓ 1535(09/2003)	$\Delta H_a = 18.2(T_a/P_a) = 5.21$

Manometer reading before calibration: 5.50
 Adjustment of flow controller (Y/N): Y
 Manometer reading after calibration: 5.20

Note: Tolerance Limit of HVAS flow: $\pm 1.0 \text{ ft}^3/\text{min}$. 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.: 144
Date of visit: 15-12-03 Hour of Visit: 10:45
Staff name: H.K. Tsmub MINIVOL S/N: 903
Used filter paper no.: MG49 New filter paper no.: MG50

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

5080 Before 5007 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 12-12-03 Time 11:00

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

Serial Number 00111465/00111466/00111467* 2343838

Staff Attended H.K. TSANG, Y.M. 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 15-12-03 Time 10:10.

Equipment Rion NA-27 Sound Level Meter

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

Staff Attended Y.M. TSANG, W.L. MAK, H.K. TSANG

1. Calibration

Acoustic calibrator used Rion NC-74

Calibration level before adjustment (dB(A)) 83.8

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