

Appendix F

The QA/QC Procedures and Results

HIGH VOLUME AIR SAMPLER
SITE VISIT LOG SHEET

Site Name: RE. Site No.: AM1
 Date of visit: 15-3-04 Hour of Visit: 10:10
 Staff name: W.L.MAK. HVAS S/N: 7198
 Used filter paper no.: LQ72 New filter paper no.: LQ74
 Type of filter: Glass-fibre

I. Ambient Conditions

Temperature, $T_a = \overset{22.7 + 273}{\underline{295.7}}$ K Pressure, $P_a = \underline{1016}$ 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_2O)
1534(04/2002)	$\Delta H_a = 18.0(T_a/P_a) = \underline{\hspace{2cm}}$
<u>J</u> 1535(09/2003)	$\Delta H_a = 18.2(T_a/P_a) = \underline{5.3}$

Manometer reading before calibration: 5.2
 Adjustment of flow controller (Y/N): N
 Manometer reading after calibration: 5.2

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: EG Site No.: AM2
 Date of visit: 15-3-04 Hour of Visit: 11:00
 Staff name: W. L. MAK HVAS S/N: 219K
 Used filter paper no.: LQ73 New filter paper no.: LQ75
 Type of filter: Glass-fibre

I. Ambient Conditions

Temperature, $T_a = \frac{22.8 + 273}{295.9}$ K Pressure, $P_a = 1018$ 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(04/2002)	$\Delta H_a = 18.0(T_a/P_a) =$ _____
✓ 1535(09/2003)	$\Delta H_a = 18.2(T_a/P_a) = 5.3$

Manometer reading before calibration: 5.2
 Adjustment of flow controller (Y/N): N
 Manometer reading after calibration: 5.2

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: T.Y.V. Site No.: AMY

Date of visit: 15-3-04 Hour of Visit: 10:20

Staff name: H.K.TSANG MINIVOL S/N: 903

Used filter paper no.: M664 New filter paper no.: M665

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

5.00 Before 5.00 After

II. General Service of Mini Vol Air Sampler

1. Clean Rotameter: X
2. Clean / replace Pump Valves: X
3. Clean / replace Pump Diaphragms: X
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 15-3-04 Time 09:xx

Equipment Rion NA-27 Sound Level Meter

Serial Number 00111465/00111466/00111467*

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

1. Calibration

Acoustic calibrator used

B&K 4231
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

