

Annex D1

Calibration Certificates for Air Quality



REPORT OF EQUIPMENT PERFORMANCE CHECK / CALIBRATION

REPORT NO. : HK1810148
 PROJECT NAME : PERFORMANCE CHECK / CALIBRATION OF DUST METER
 DATE OF ISSUE : 12/2/2018

CUSTOMER : Envirotech Services Company
 ADDRESS : Rm. 113, 1/F., MY LOFT, 9 HOI WING ROAD, TUEN MUN, N.T.

REPORT NO. : HK1810148
 PROJECT ITEM NO. : HK1810148-01
PERFORMANCE CHECK / CALIBRATED EQUIPMENT
 TYPE : Digital Dust Indicator
 MANUFACTURER : SIBATA
 MODEL NO. : LD-5R
 SERIAL NO. : 620402
 EQUIPMENT NO. : ---
 RECEIPT DATE : 8/2/2018
 PERFORMANCE CHECK / CALIBRATION DATE : 9/2/2018

PERFORMANCE CHECK / CALIBRATION Information

CODE	Calibration Parameter	Method Procedure	Reference Method
Dust PC/CAL	Performance Check / Calibration of Dust Meter	CAL003	General Technical Requirements of Environmental Monitoring, Environmental Monitoring & Audit Guidelines for Development Projects in HK

- Notes : 1. This report shall not be reproduced, except in full, without prior approval from Pilot Testing Limited.
 2. Performance Check / Calibration result relates to performance check / calibration item(s) as received.

Approved Signatory :

Wong Po Yan Pauline
 (Assistant Laboratory Manager)

Issue Date: 12/2/2018



REPORT OF PERFORMANCE CHECK / CALIBRATION

PROJECT NAME : PERFORMANCE CHECK / CALIBRATION OF DUST METER
 DATE OF ISSUE : 12/2/2018
 REPORT NO. : HK1810148

PERFORMANCE CHECK / CALIBRATED EQUIPMENT

TYPE : Digital Dust Indicator
 MANUFACTURER : SIBATA
 MODEL NO. : LD-5R
 SERIAL NO. : 620402
 EQUIPMENT NO. : ---
 SENSITIVITY ADJUSTMENT : ---
 PERFORMANCE CHECK / CALIBRATION DATE : 9/2/2018

STANDARD EQUIPMENT

TYPE : HIGH VOLUME AIR SAMPLER
 MANUFACTURER : TISCH
 MODEL NO. : TE-5170
 EQUIPMENT REF NO. : PTL_HV002
 LAST CALIBRATION DATE : 29/1/2018

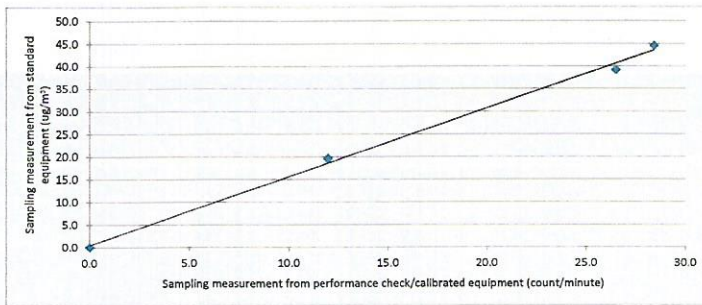
EQUIPMENT PERFORMANCE CHECK / CALIBRATION RESULTS:

Sensitivity Adjustment Scale Setting (Before Performance check / Calibration): 754 CPM
 Sensitivity Adjustment Scale Setting (After Performance check / Calibration): 754 CPM

Trial no. in 1-hr period	Time	Mean Temp (°C)	Mean Pressure (hPa)	Concentration in ug/m ³ (Standard equipment) (Y - Axis)	Total Count ² (Performance Check / Calibrated equipment)	Concentration in Count/Minute ³ (Performance Check / Calibrated equipment) (X - Axis)
Zero Check ¹	9/2/2018,9:05:00 AM	15.5	1017	0	0	0
1	9/2/2018,11:40:00 AM	15.5	1017	45	1705	28
2	9/2/2018,2:07:00 PM	15.5	1017	39	1590	27
3	9/2/2018,3:09:00 PM	15.5	1017	20	719	12

Linear Regression of Y on X

Slope (K- factor) : 1.5
 Correlation Coefficient : 0.9983
 Validity of Performance Check / Calibration Record : 9/2/2019



- Notes : 1. Zero check conducted as per CAL003 SOP and manufacturer's manual as appropriate.
- 2. Total Count was measured by Digital Dust Indicator.
- 3. Count/minute was calculated by (Total Count/60)
- 4. This report shall not be reproduced, except in full, without prior approval from Pilot Testing Limited.
- 5. Performance Check / Calibration result relates to performance check / calibration item(s) as received.

Operator: MA Ching Him, Jackey Signature: [Signature] Date: 9/2/2018

Checked by: Wong Po Yan, Pauline Signature: [Signature] Date: 12/2/2018

CALIBRATION CERTIFICATE

Date: January 22th, 2018

Equipment Name	:	Digital Dust Indicator, Model LD-5R
Code No.	:	080000-72
Quantity	:	1 unit
Serial No.	:	620402
Sensitivity	:	0.001 mg/m ³
Sensitivity Adjustment	:	754CPM
Scale Setting	:	January 19th, 2018

We hereby certify that the avobe mentioned instrmt has been calibrated satisfactory.

Sincerely

SIBATA SCIENTIFIC TECHNOLOGY LTD.

Ryosuke Numata

Overseas Sales Division