



**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<br>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



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**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

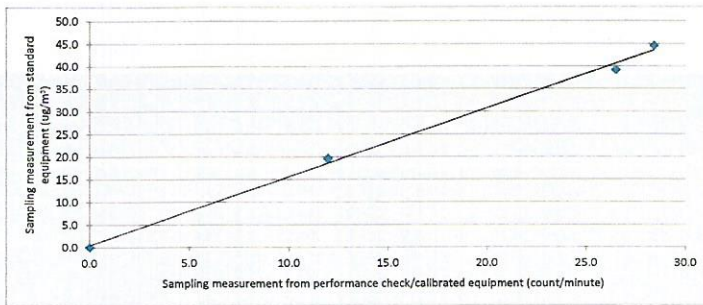
**EQUIPMENT PERFORMANCE CHECK / CALIBRATION RESULTS:**

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 <sup>3</sup><br>(Standard equipment)<br>(Y - Axis) | Total Count <sup>2</sup><br>(Performance Check / Calibrated equipment) | Concentration in Count/Minute <sup>3</sup><br>(Performance Check / Calibrated equipment)<br>(X - Axis) |
|--------------------------|----------------------|----------------|---------------------|--|--|--|
| Zero Check <sup>1</sup>  | 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 <sup>3</sup>             |
| 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