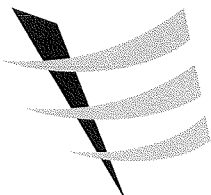


Annex D1

# Calibration Certificates for Dust Monitoring Equipment

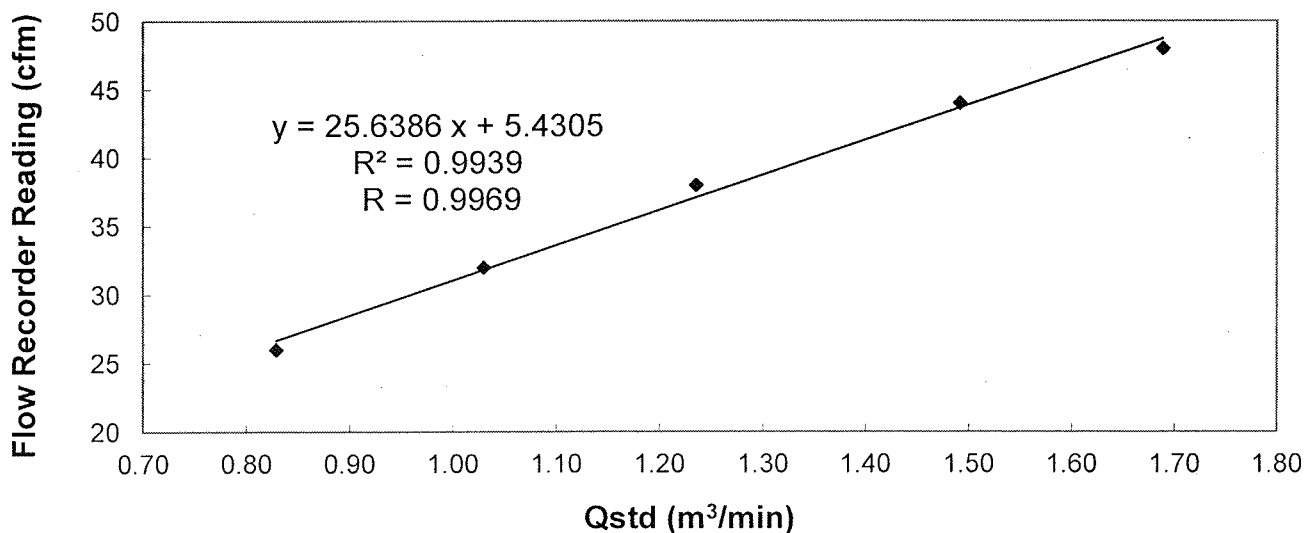


**Calibration Report**  
of  
**High Volume Air Sampler**

**Manufacturer** : Graseby 105 Date of Calibration : 07 August 2020  
**Serial No.** : 9795 ( ET / EA / 003 / 18 ) Calibration Due Date : 06 October 2020  
**Method** : Five-point calibration by using standard calibration kit Tisch TE-5025A refer to the Operations Manual


|         |  |               |      |      |      |      |
|---------|--|---------------|------|------|------|------|
| Results | Flow recorder reading (cfm)                  | 48            | 44   | 38   | 32   | 26   |
|         | Qstd (Actual flow rate, m <sup>3</sup> /min) | 1.69          | 1.49 | 1.24 | 1.03 | 0.83 |
|         | Pressure : 756.81 mm Hg                      | Temp. : 302 K |      |      |      |      |

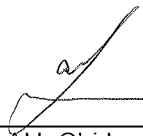
**Sampler 9795 Calibration Curve**  
Site: Tseung Kwan O 137 (TKO-A1)

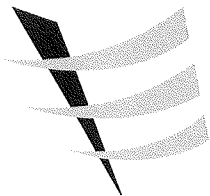


Acceptance Criteria : Correlation coefficient (r) of the calibration curve greater than 0.990 after a 5-point calibration

The high volume sampler complies\* / does not comply\* with the specified requirements and is deemed acceptable\* / unacceptable\* for use.

Calibrated by :   
CHAN, Wai Man  
(Technician)

Checked by :   
LAU, Chi Leung  
(Environmental Team Leader)



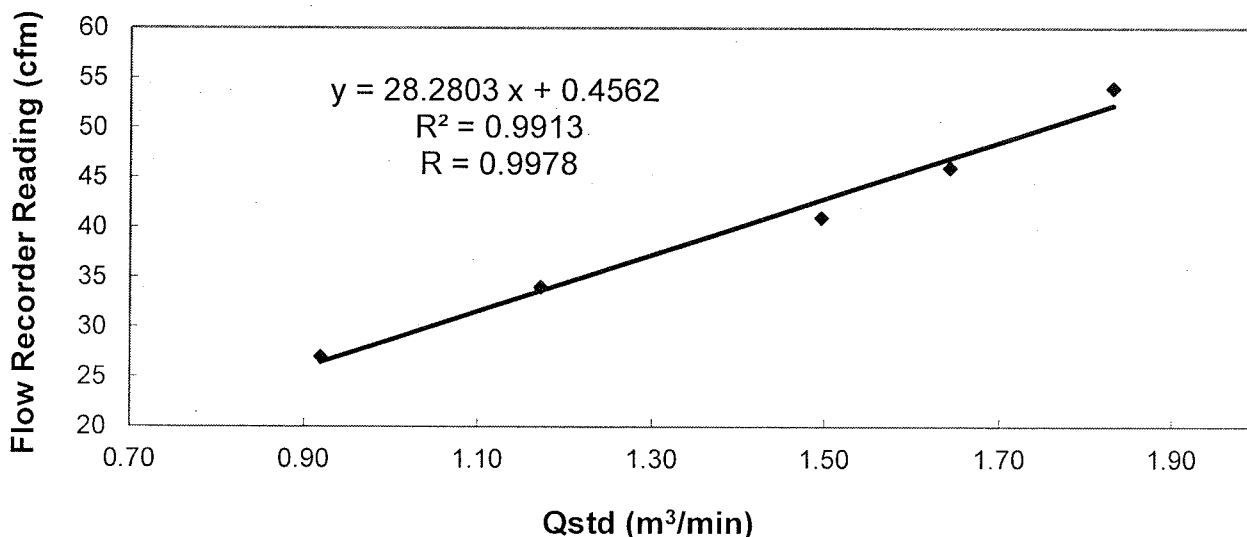
**Calibration Report**  
of  
**High Volume Air Sampler**

**Manufacturer** : Andersen G1051                      **Date of Calibration** : 07 August 2020  
**Serial No.** : 1176 ( ET / EA / 003 / 05 )                      **Calibration Due Date** : 06 October 2020  
**Method** : Based on Operations Manual for the 5-point calibration using standard calibration kit  
manufactured by Tisch TE-5025 A

**Results** :

|  |              |      |         |       |      |
|--|--------------|------|---------|-------|------|
| Flow recorder reading (cfm)                  | 54           | 46   | 41      | 34    | 27   |
| Qstd (Actual flow rate, m <sup>3</sup> /min) | 1.83         | 1.64 | 1.50    | 1.17  | 0.92 |
| Pressure :                                   | 753.81 mm Hg |      | Temp. : | 306 K |      |

**Sampler 1176 Calibration Curve**  
Site: Tseung Kwan O 137 (TKO-A2a)



Acceptance Criteria : Correlation coefficient (r) of the calibration curve greater than 0.990 after a 5-point calibration

The high volume sampler complies\* / does not comply\* with the specified requirements and is deemed acceptable\* / unacceptable\* for use.

Calibrated by :   
CHAN, Wai Man  
(Technician)

Checked by :   
LAU, Chi Leung  
(Environmental Team Leader)