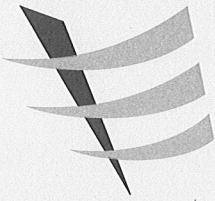


Annex D1

# Calibration Certificates for Dust Monitoring Equipment







**TEST REPORT**

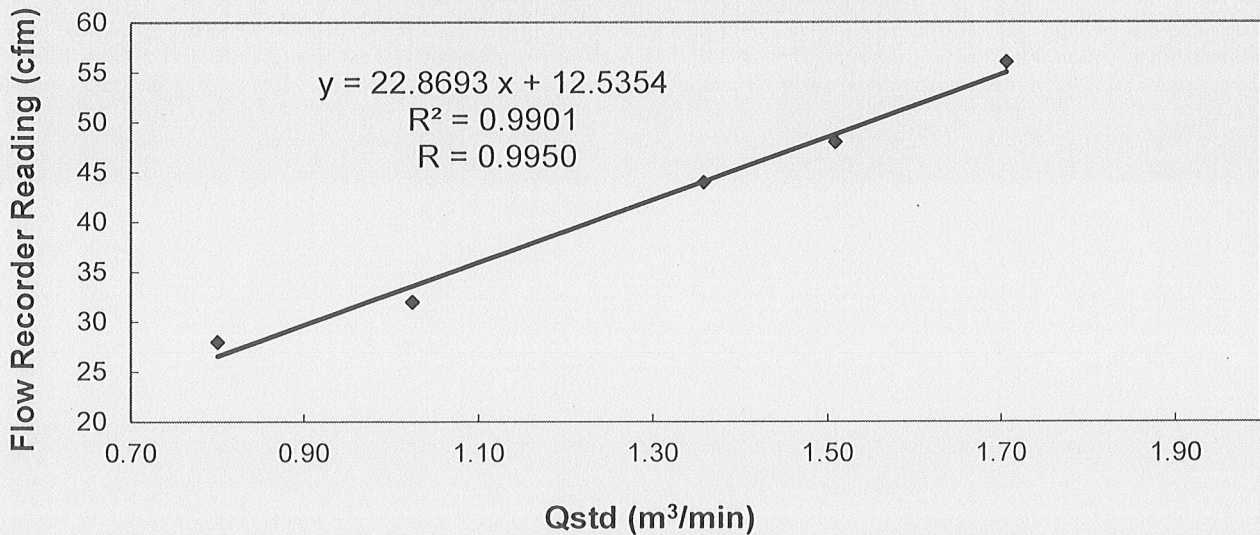
**Calibration Report  
of  
High Volume Air Sampler**

**Manufacturer** : Andersen G1051 **Date of Calibration** : 21 July 2021  
**Serial No.** : 1176 ( ET / EA / 003 / 05 ) **Calibration Due Date** : 20 September 2021  
**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)                  | 51           | 47   | 45      | 35    | 29   |
| Qstd (Actual flow rate, m <sup>3</sup> /min) | 1.71         | 1.50 | 1.36    | 1.03  | 0.71 |
| Pressure :                                   | 756.81 mm Hg |      | Temp. : | 303 K |      |

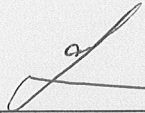
**Sampler 1176 Calibration Curve  
Site: Tseung Kwan O 137 (TKO-A2a)**

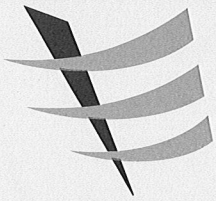


Acceptance Criteria : Correlation coefficient (r) of the calibration curve greater than 0.990 after a 5-point calibration

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)



**TEST REPORT**

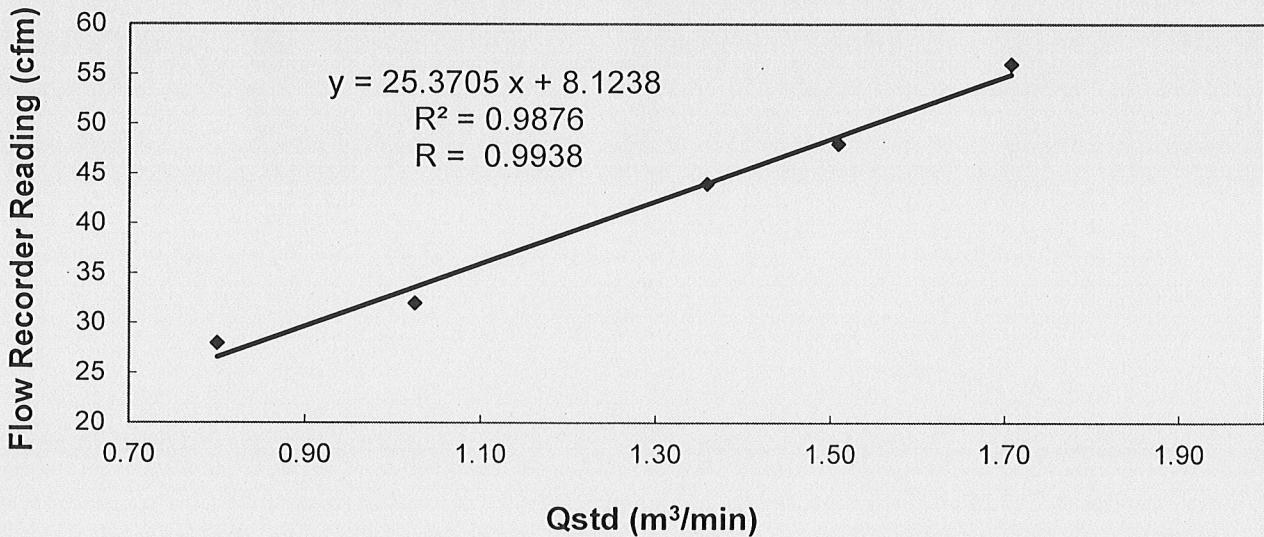
**Calibration Report  
of  
High Volume Air Sampler**

**Manufacturer** : Andersen G1051                      **Date of Calibration** : 20 September 2021  
**Serial No.** : 1176 ( ET / EA / 003 / 05 )                      **Calibration Due Date** : 19 November 2021  
**Method** : Based on Operations Manual for the 5-point calibration using standard calibration kit  
manufactured by Tisch TE-5025 A

**Results** :

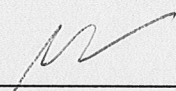
|  |              |      |      |         |       |
|--|--------------|------|------|---------|-------|
| Flow recorder reading (cfm)                  | 50           | 48   | 43   | 34      | 28    |
| Qstd (Actual flow rate, m <sup>3</sup> /min) | 1.70         | 1.51 | 1.37 | 1.02    | 0.80  |
| Pressure :                                   | 757.56 mm Hg |      |      | Temp. : | 302 K |

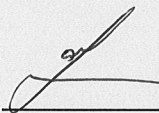
**Sampler 1176 Calibration Curve  
Site: Tseung Kwan O 137 (TKO-A2a)**



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 :   
LIAO, Yun Chao  
(Technician)

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