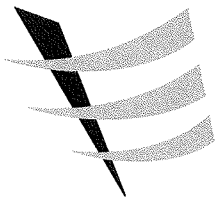


Annex D1

# Calibration Certificates for Dust Monitoring Equipment



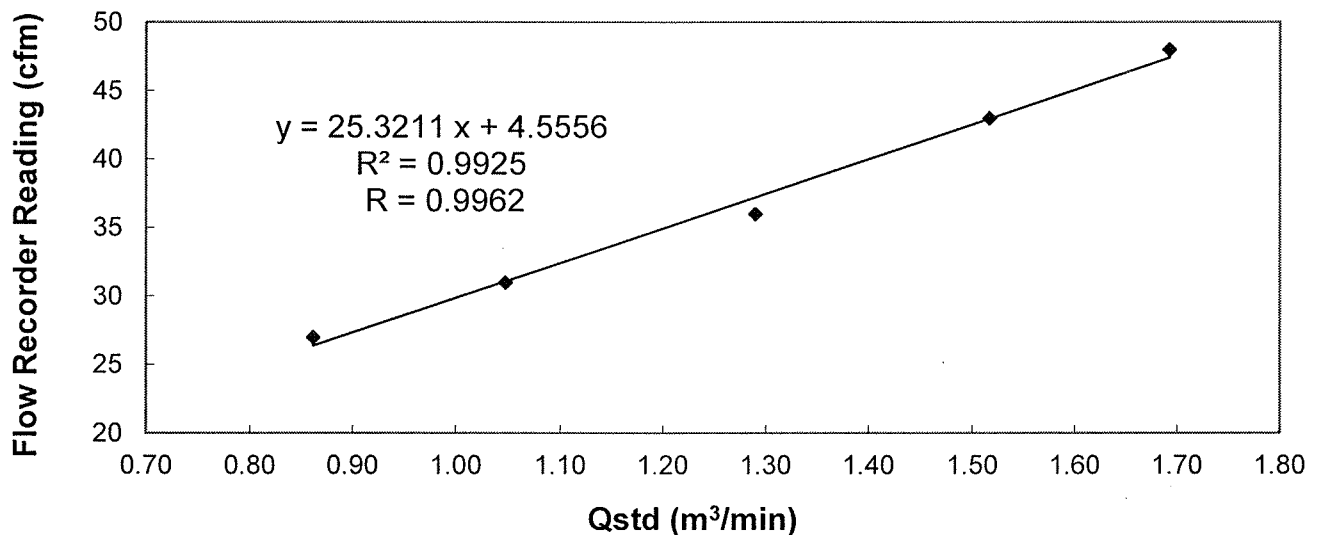
Calibration Report  
of  
High Volume Air Sampler

Manufacturer : Graseby 105 Date of Calibration : 12 April 2019  
Serial No. : 9795 ( ET / EA / 003 / 18 ) Calibration Due Date : 11 June 2019  
Method : Five-point calibration by using standard calibration kit Tisch TE-5025A refer to the Operations Manual

Results


Flow recorder reading (cfm)	48	43	36	31	27
Qstd (Actual flow rate, m <sup>3</sup> /min)	1.69	1.52	1.29	1.05	0.86
Pressure : 762.06 mm Hg	Temp. : 296 K				


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

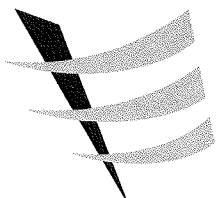


Acceptance Criteria : Correlation coefficient (r) of the calibration curve greater than 0.990 after a 5-point calibration

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

Calibrated by :   
LIAO, Yun Chao  
(Technician)

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



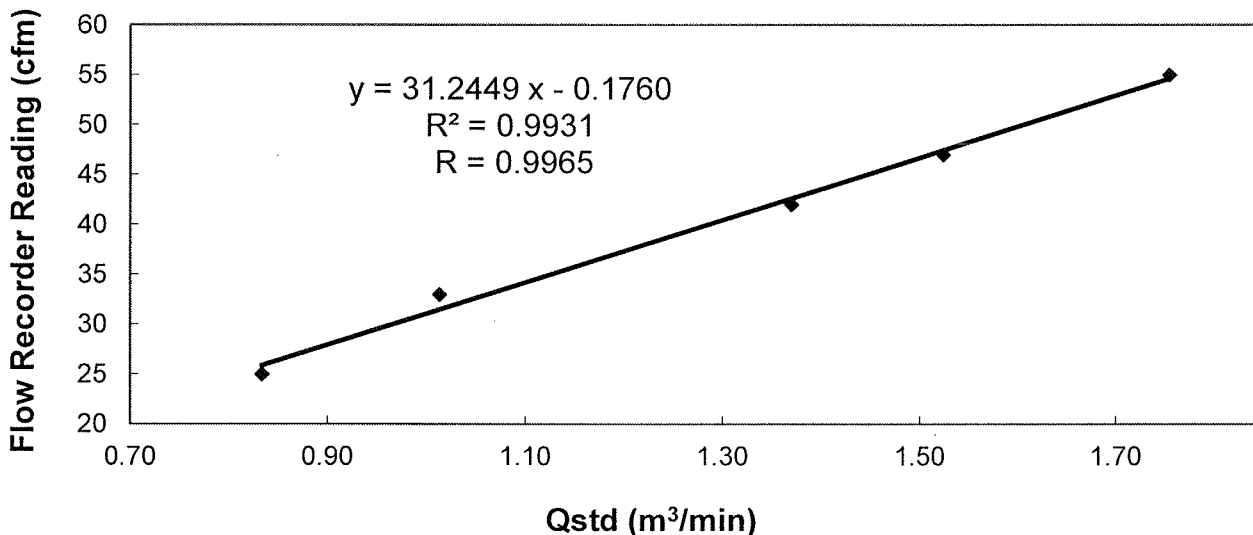
**Calibration Report**  
of  
**High Volume Air Sampler**

**Manufacturer** : Andersen G1051 Date of Calibration : 12 April 2019  
**Serial No.** : 1176 ( ET / EA / 003 / 05 ) Calibration Due Date : 11 June 2019  
**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)	55	47	42	33	25
Qstd (Actual flow rate, m <sup>3</sup> /min)	1.75	1.52	1.37	1.01	0.83
Pressure :	762.06 mm Hg			Temp. :	296 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)