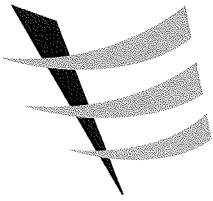


Annex D

## Air Quality

Annex D1

# Calibration Certificates for Dust Monitoring Equipment



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

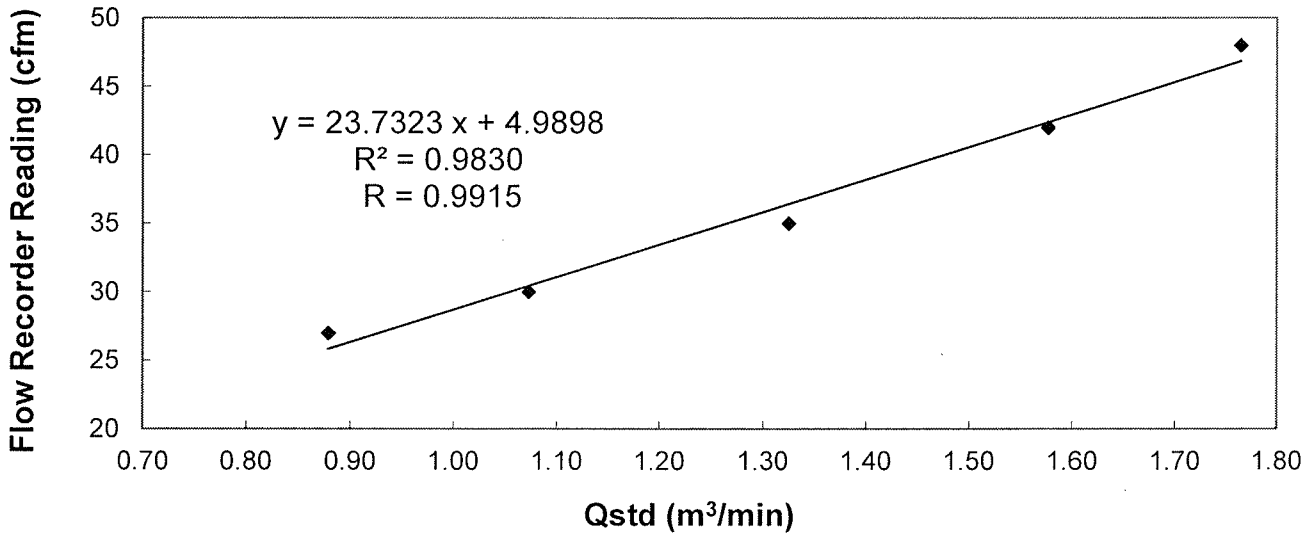
**Manufacturer** : Graseby 105 Date of Calibration : 15 February 2019

**Serial No.** : 9795 ( ET / EA / 003 / 18 ) Calibration Due Date : 14 April 2019

**Method** : Five-point calibration by using standard calibration kit Tisch TE-5025A refer to the Operations Manual


<b>Results</b>	Flow recorder reading (cfm)	48	42	35	30	27
	Qstd (Actual flow rate, m <sup>3</sup> /min)	1.76	1.58	1.33	1.07	0.88
	Pressure : 768.81 mm Hg	Temp. : 291 K				

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

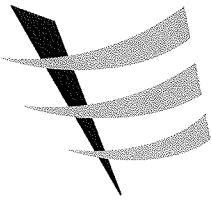


Acceptance Criteria : Correlation coefficient (r) of the calibration curve greater than 0.990 after a 5-point calibration

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)



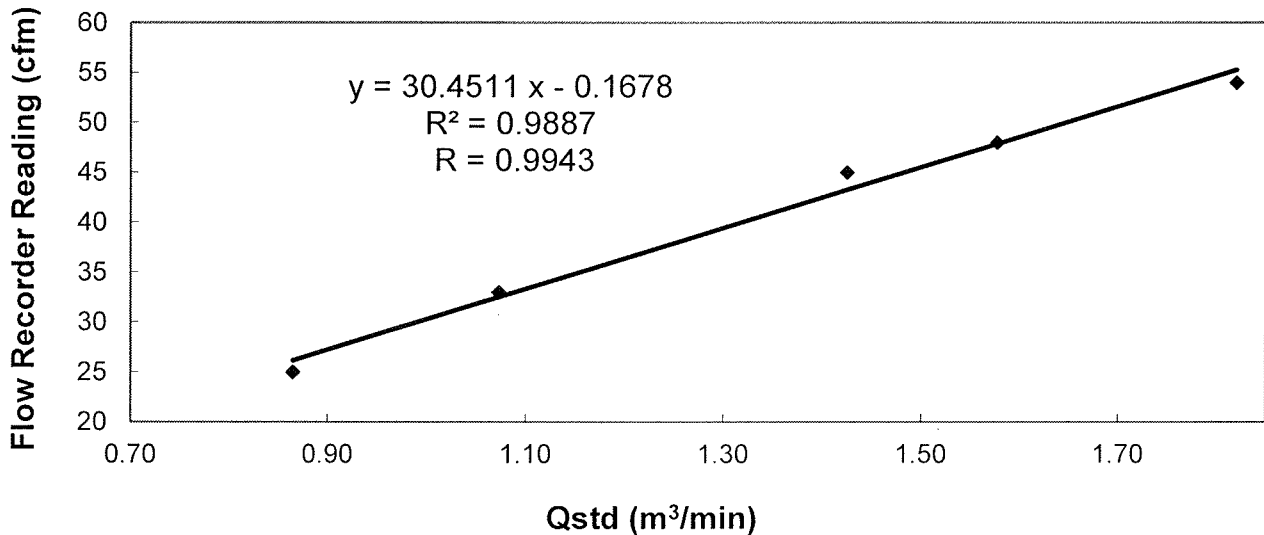
**Calibration Report**  
 of  
**High Volume Air Sampler**

**Manufacturer** : Andersen G1051                      **Date of Calibration** : 15 February 2019  
**Serial No.** : 1176 ( ET / EA / 003 / 05 )                      **Calibration Due Date** : 14 April 2019  
**Method** : Based on Operations Manual for the 5-point calibration using standard calibration kit  
 manufactured by Tisch TE-5025 A

**Results** :

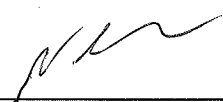
Flow recorder reading (cfm)	54	48	45	33	25
Qstd (Actual flow rate, m <sup>3</sup> /min)	1.82	1.58	1.43	1.07	0.86
Pressure :	768.81 mm Hg		Temp. :	291 K	

**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)