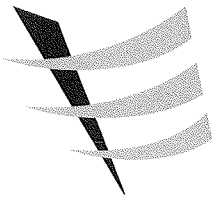


Annex D1

# Calibration Certificates for Dust Monitoring Equipment



### Calibration Report of High Volume Air Sampler

**Manufacturer** : Graseby 105    **Date of Calibration** : 05 October 2020

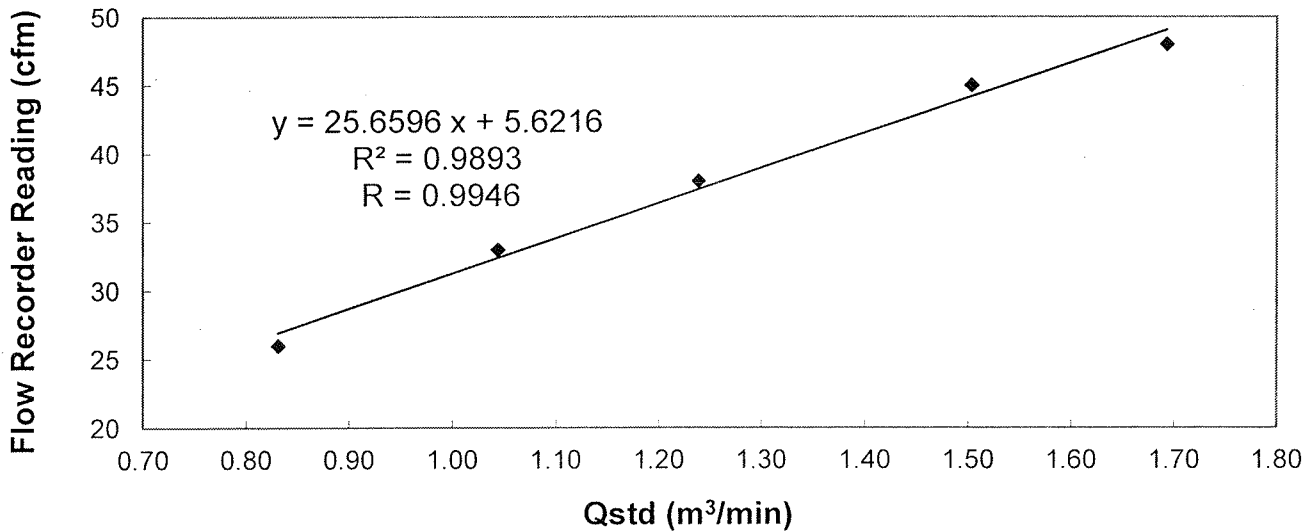
**Serial No.** : 9795 ( ET / EA / 003 / 18 )    **Calibration Due Date** : 04 December 2020

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

**Results** :

Flow recorder reading (cfm)	48	45	38	33	26
Qstd (Actual flow rate, m <sup>3</sup> /min)	1.69	1.50	1.24	1.04	0.83
Pressure : 758.31 mm Hg	Temp. : 301 K				

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

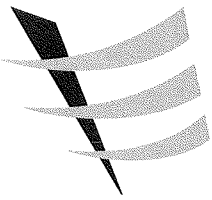


Acceptance Criteria : Correlation coefficient (r) of the calibration curve greater than 0.990 after a 5-point calibration

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)



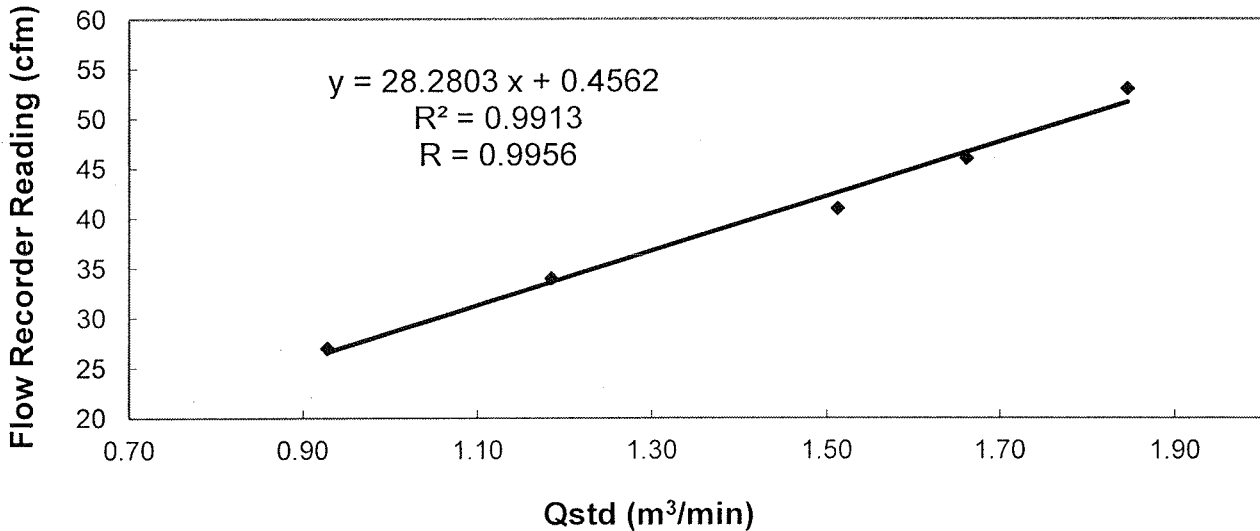
**Calibration Report**  
of  
**High Volume Air Sampler**

**Manufacturer** : Andersen G1051                      **Date of Calibration** : 05 October 2020  
**Serial No.** : 1176 ( ET / EA / 003 / 05 )                      **Calibration Due Date** : 04 December 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)	53	46	41	34	27
Qstd (Actual flow rate, m <sup>3</sup> /min)	1.84	1.66	1.51	1.18	0.93
Pressure :	758.31 mm Hg			Temp. :	301 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)