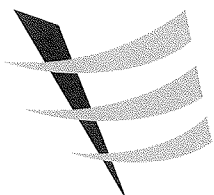


Annex D1

# Calibration Certificates for Dust Monitoring Equipment



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

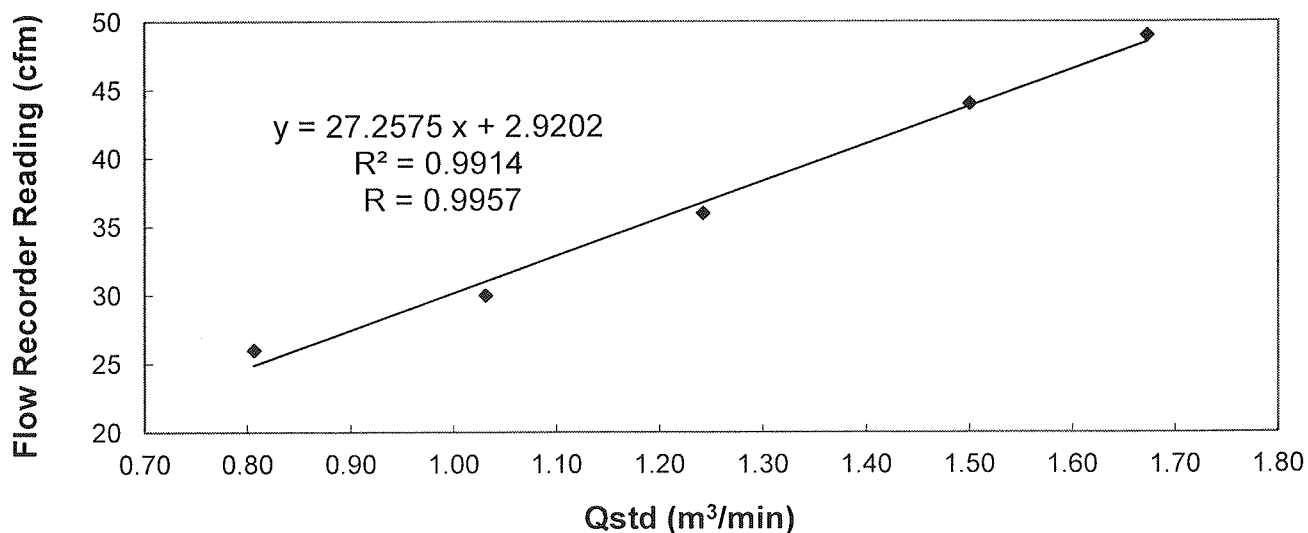
Manufacturer : Graseby 105 Date of Calibration : 26 August 2019

Serial No. : 9795 ( ET / EA / 003 / 18 ) Calibration Due Date : 25 October 2019

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

Results	Flow recorder reading (cfm)	49	44	36	30	26
	Qstd (Actual flow rate, m <sup>3</sup> /min)	1.67	1.50	1.24	1.03	0.81
	Pressure : 753.06 mm Hg	Temp. : 302 K				

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

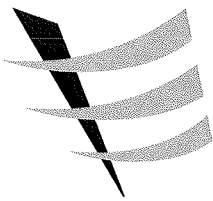


Acceptance Criteria : Correlation coefficient (r) of the calibration curve greater than 0.990 after a 5-point calibration

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

Calibrated by : MAK, Kei Wai  
MAK, Kei Wai  
(Assistant Supervisor)

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

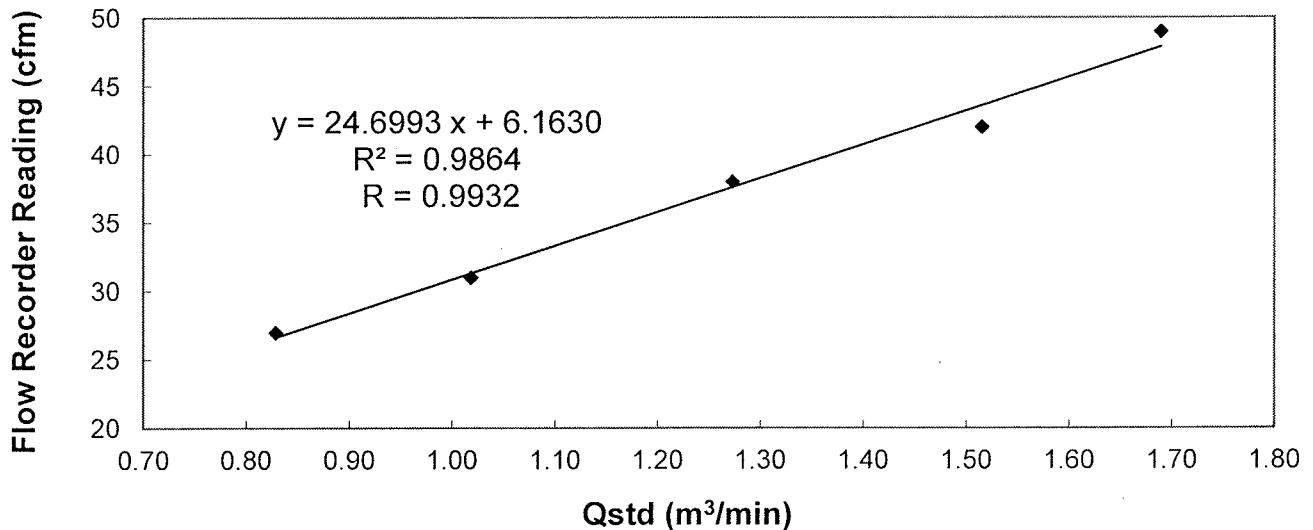


**Calibration Report**  
of  
**High Volume Air Sampler**

**Manufacturer** : Graseby 105 \_\_\_\_\_ **Date of Calibration** : 23 October 2019 \_\_\_\_\_  
**Serial No.** : 9795 ( ET / EA / 003 / 18 ) \_\_\_\_\_ **Calibration Due Date** : 22 December 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)	49	42	38	31	27
	Qstd (Actual flow rate, m <sup>3</sup> /min)	1.69	1.51	1.27	1.02	0.83
	Pressure : 760.56 mm Hg	Temp. : 299 K				

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



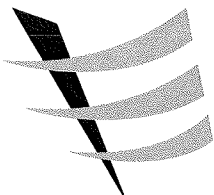
Acceptance Criteria : Correlation coefficient (r) of the calibration curve greater than 0.990 after a 5-point calibration

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

Calibrated by : MAK, Kei Wai  
MAK, Kei Wai  
(Assistant Supervisor)

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





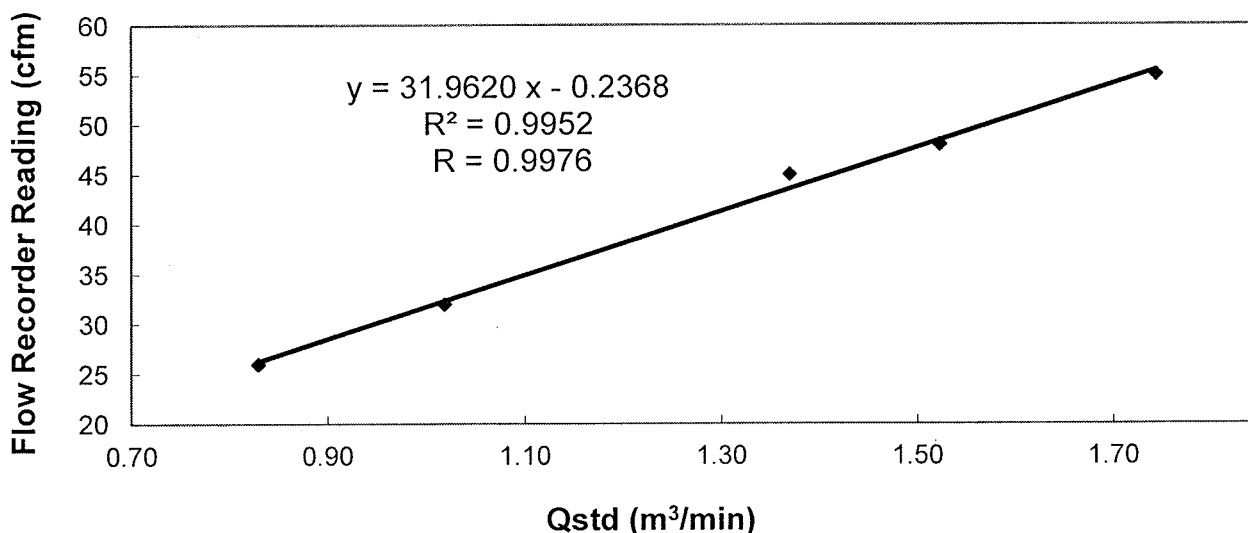
**Calibration Report**  
of  
**High Volume Air Sampler**

**Manufacturer** : Andersen G1051 \_\_\_\_\_ **Date of Calibration** : 23 October 2019 \_\_\_\_\_  
**Serial No.** : 1176 ( ET / EA / 003 / 05 ) \_\_\_\_\_ **Calibration Due Date** : 22 December 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	48	45	32	26
Qstd (Actual flow rate, m <sup>3</sup> /min)	1.74	1.52	1.37	1.02	0.83
Pressure :	760.56 mm Hg			Temp. :	299 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 : MAK, Kei Wai  
 MAK, Kei Wai  
 (Assistant Supervisor)

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