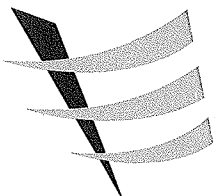


Annex D1

# Calibration Certificates for Dust Monitoring Equipment



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

Manufacturer : Graseby 105 Date of Calibration : 24 May 2021

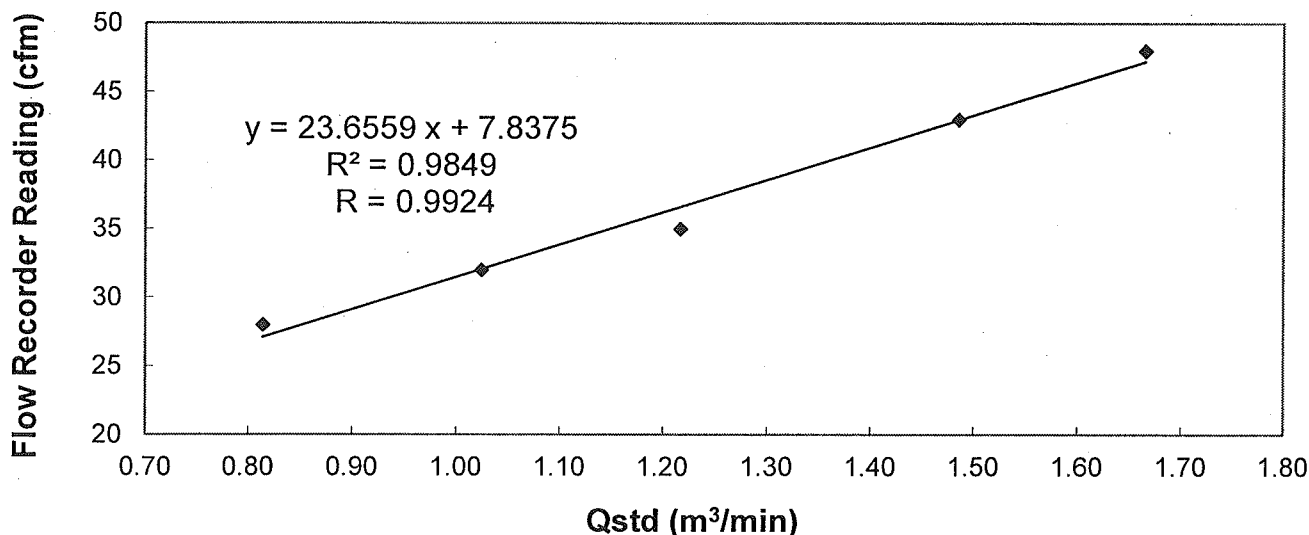
Serial No. : 9795 ( ET / EA / 003 / 18 ) Calibration Due Date : 23 July 2021

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

Results :


Flow recorder reading (cfm)	48	43	35	32	28
Qstd (Actual flow rate, m <sup>3</sup> /min)	1.67	1.49	1.22	1.02	0.81
Pressure :	756.81 mm Hg		Temp. :	303 K	


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



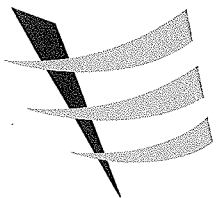
Acceptance Criteria : Correlation coefficient (r) of the calibration curve greater than 0.990 after a 5-point calibration

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**

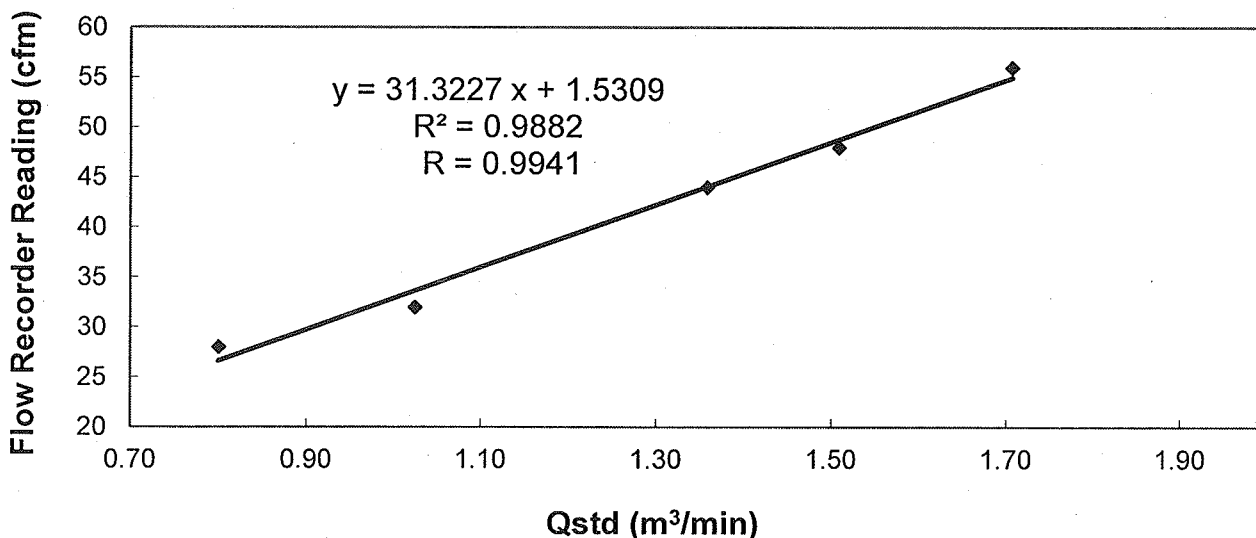
Manufacturer : Andersen G1051 Date of Calibration : 24 May 2021

Serial No. : 1176 ( ET / EA / 003 / 05 ) Calibration Due Date : 23 July 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)	56	48	44	32	28
	Qstd (Actual flow rate, m <sup>3</sup> /min)	1.71	1.51	1.36	1.02	0.80
	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 :   
LIAO, Yun Chao  
(Technician)

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

