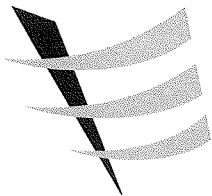


Annex D1

# Calibration Certificates for Dust Monitoring Equipment







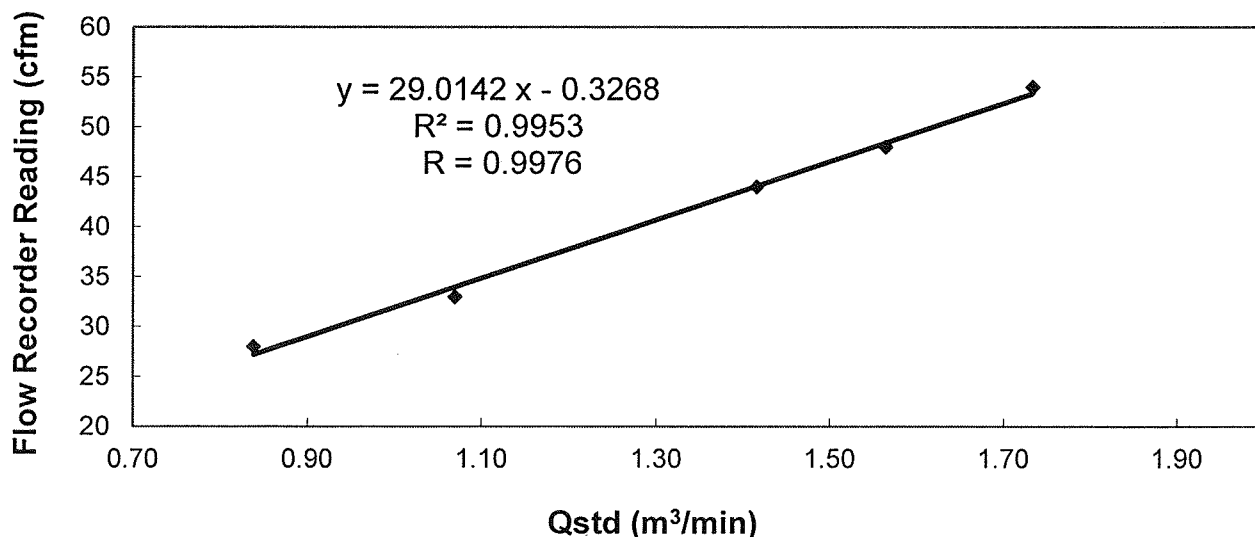
**Calibration Report**  
of  
**High Volume Air Sampler**

**Manufacturer** : Andersen G1051                      **Date of Calibration** : 26 March 2021  
**Serial No.** : 1176 ( ET / EA / 003 / 05 )                      **Calibration Due Date** : 25 May 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)	54	48	44	33	28
Qstd (Actual flow rate, m <sup>3</sup> /min)	1.73	1.56	1.42	1.07	0.84
Pressure :	762.06 mm Hg			Temp. :	298 K

**Sampler 1176 Calibration Curve**  
**Site: Tseung Kwan O 137 (TKO-A2a)**

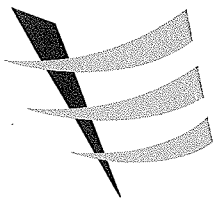


Acceptance Criteria : Correlation coefficient (r) of the calibration curve greater than 0.990 after a 5-point calibration

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)



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

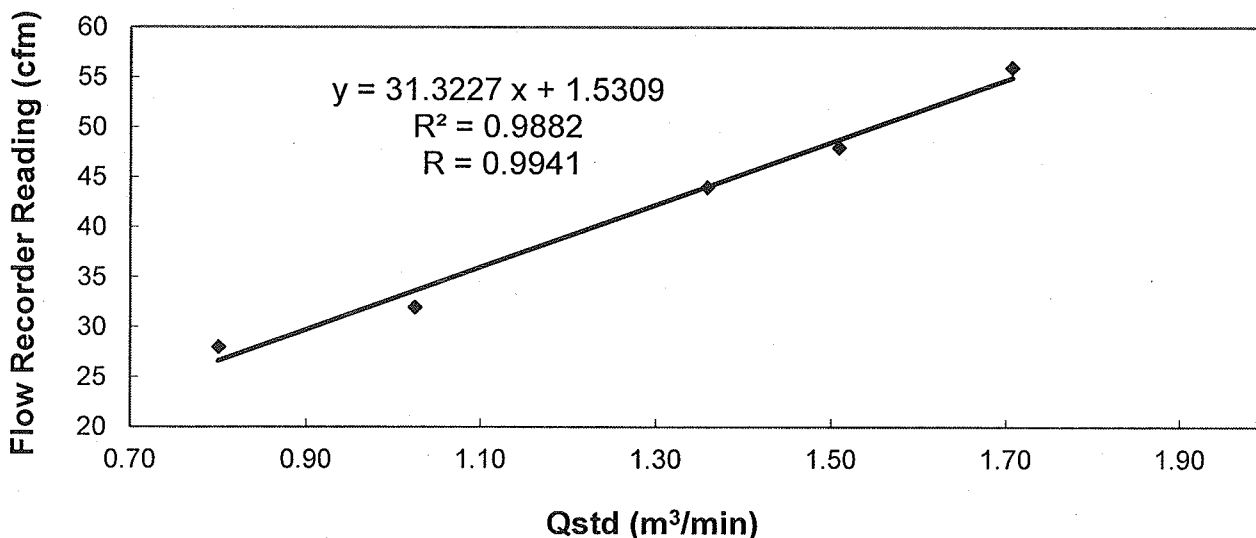
Manufacturer : Andersen G1051 Date of Calibration : 24 May 2021

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)