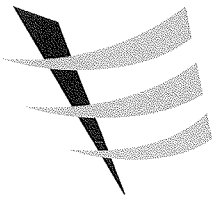


Annex D1

Calibration Certificates for Dust Monitoring Equipment

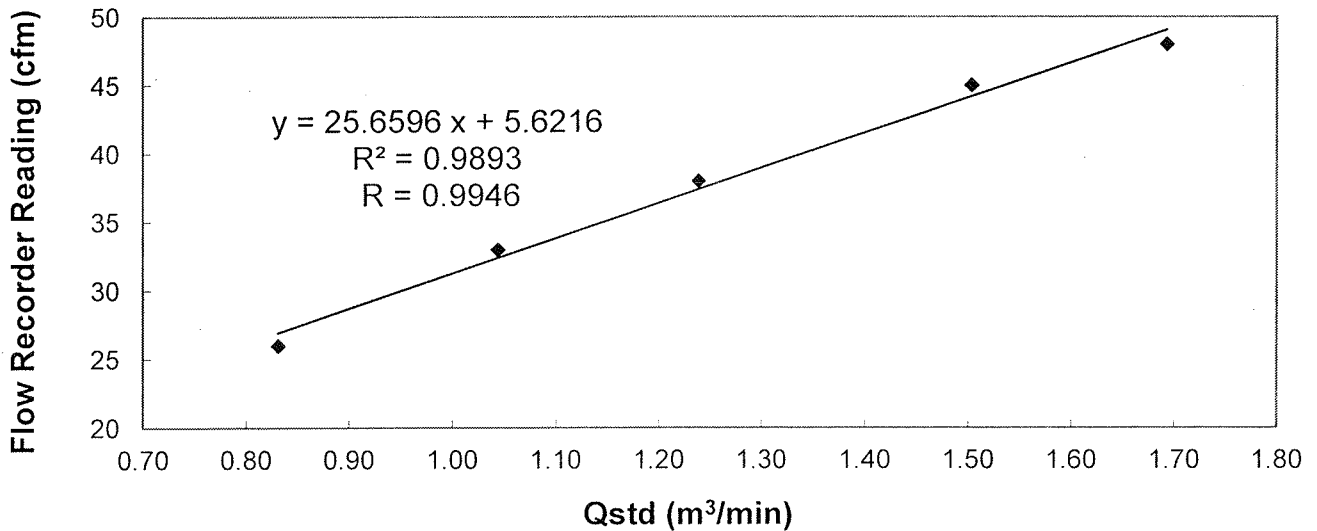


Calibration Report
of
High Volume Air Sampler

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

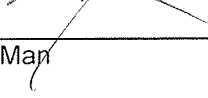
Results	Flow recorder reading (cfm)	48	45	38	33	26
	Qstd (Actual flow rate, m ³ /min)	1.69	1.50	1.24	1.04	0.83
Pressure :		758.31 mm Hg			Temp. : 301 K	


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

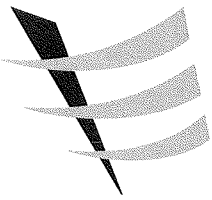


Acceptance Criteria : Correlation coefficient (r) of the calibration curve greater than 0.990 after a 5-point calibration

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)



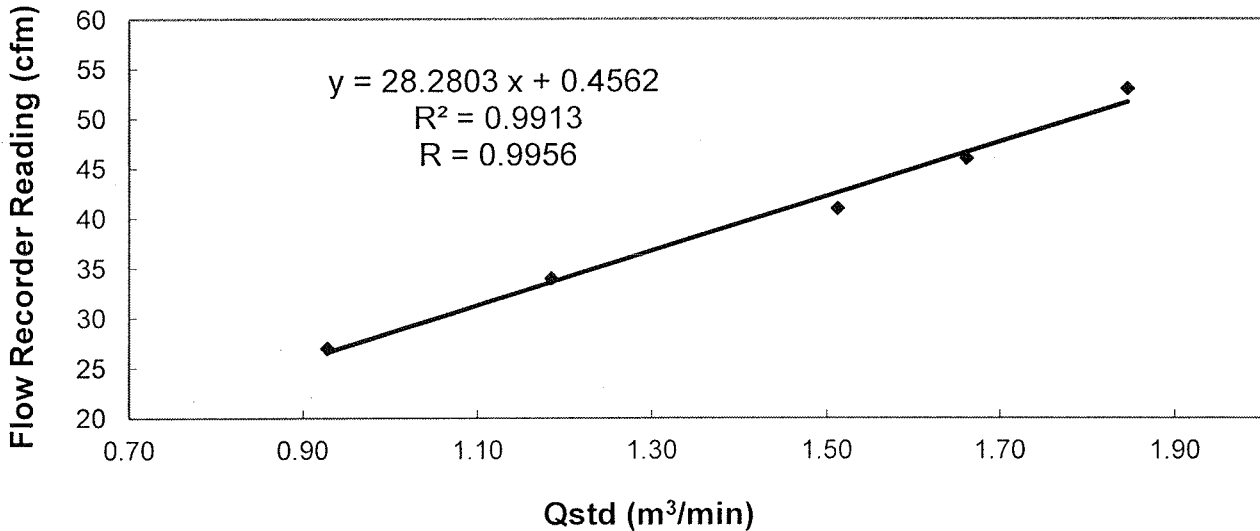
Calibration Report
of
High Volume Air Sampler

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 ³ /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)

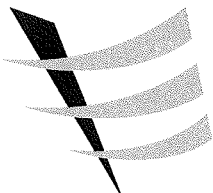


Acceptance Criteria : Correlation coefficient (r) of the calibration curve greater than 0.990 after a 5-point calibration

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)



Calibration Report
of
High Volume Air Sampler

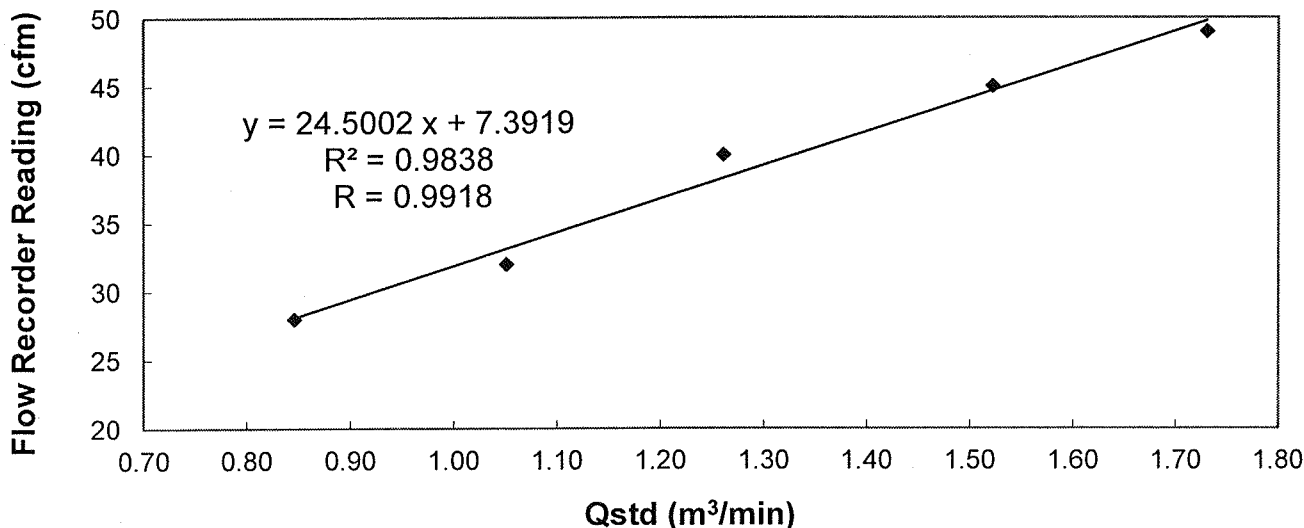
Manufacturer : Graseby 105 Date of Calibration : 02 December 2020

Serial No. : 9795 (ET / EA / 003 / 18) Calibration Due Date : 01 February 2021

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

Results	Flow recorder reading (cfm)	49	45	40	32	28
	Qstd (Actual flow rate, m ³ /min)	1.73	1.52	1.26	1.05	0.85
	Pressure : 765.06 mm Hg	Temp. : 293 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
CHAN, Wai Man
(Technician)

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



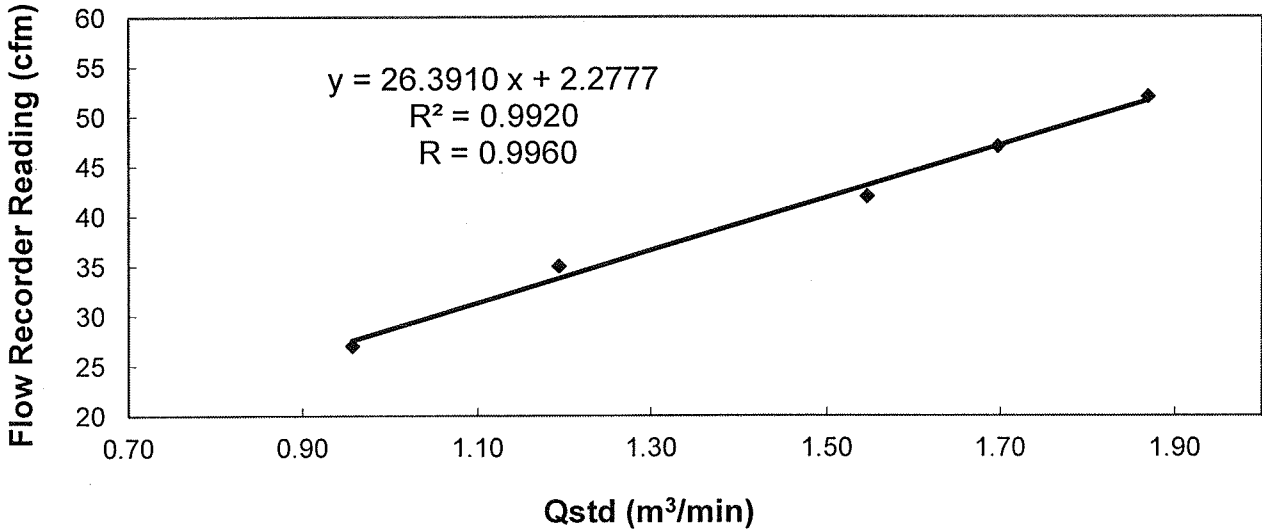
Calibration Report
 of
High Volume Air Sampler

Manufacturer : Andersen G1051 **Date of Calibration** : 02 December 2020
Serial No. : 1176 (ET / EA / 003 / 05) **Calibration Due Date** : 01 February 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)	52	47	42	35	27
Qstd (Actual flow rate, m ³ /min)	1.87	1.70	1.55	1.19	0.96
Pressure :	765.06 mm Hg			Temp. :	293 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)