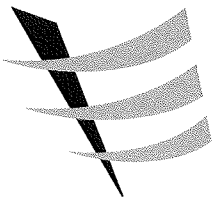


Annex D1

Calibration Certificates for Dust Monitoring Equipment



Calibration Report
of
High Volume Air Sampler

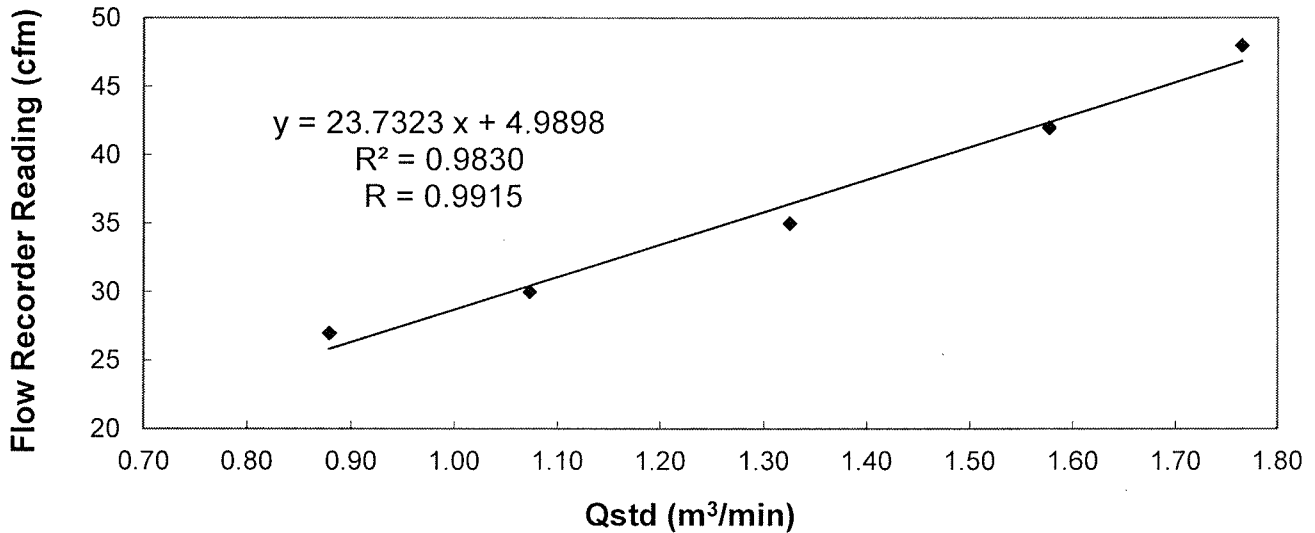
Manufacturer : Graseby 105 Date of Calibration : 15 February 2019

Serial No. : 9795 (ET / EA / 003 / 18) Calibration Due Date : 14 April 2019

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

Results	Flow recorder reading (cfm)	48	42	35	30	27
	Qstd (Actual flow rate, m ³ /min)	1.76	1.58	1.33	1.07	0.88
	Pressure : 768.81 mm Hg	Temp. : 291 K				

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

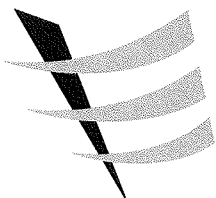


Acceptance Criteria : Correlation coefficient (r) of the calibration curve greater than 0.990 after a 5-point calibration

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

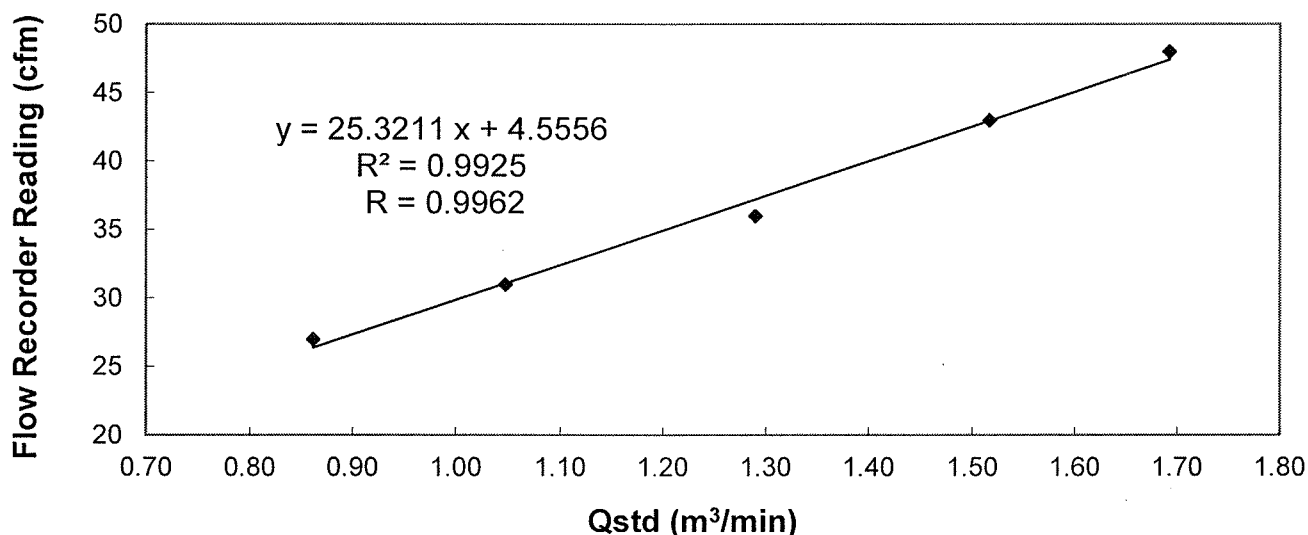
Manufacturer : Graseby 105 Date of Calibration : 12 April 2019

Serial No. : 9795 (ET / EA / 003 / 18) Calibration Due Date : 11 June 2019

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

Results	Flow recorder reading (cfm)	48	43	36	31	27
	Qstd (Actual flow rate, m ³ /min)	1.69	1.52	1.29	1.05	0.86
	Pressure : 762.06 mm Hg	Temp. : 296 K				

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

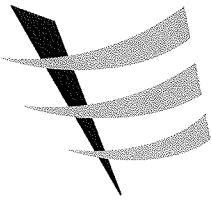


Acceptance Criteria : Correlation coefficient (r) of the calibration curve greater than 0.990 after a 5-point calibration

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)



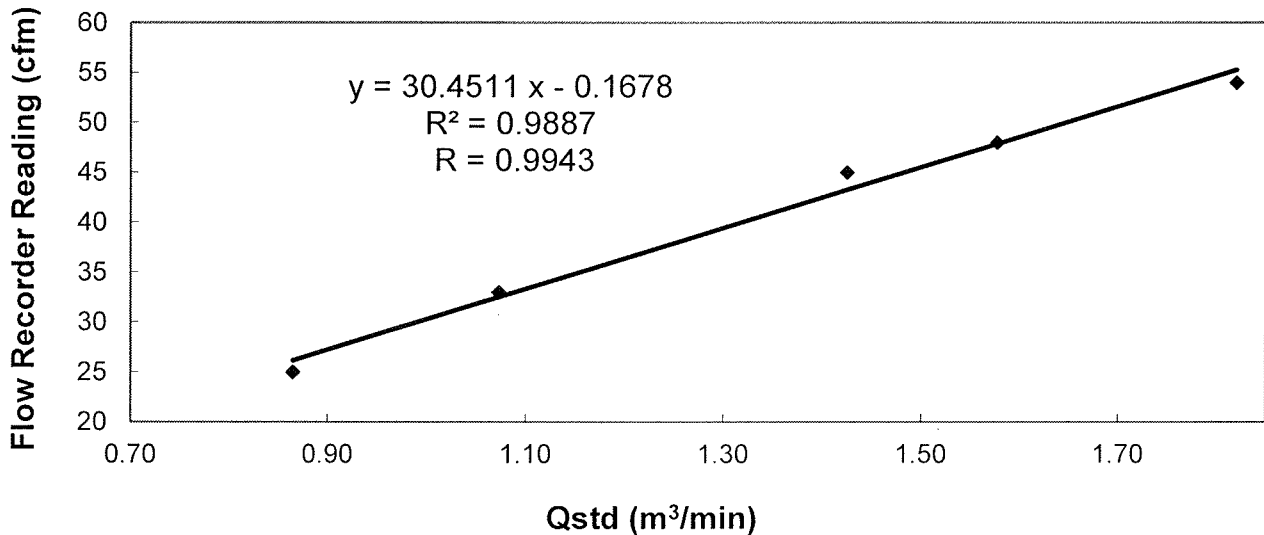
Calibration Report
of
High Volume Air Sampler

Manufacturer : Andersen G1051 **Date of Calibration** : 15 February 2019
Serial No. : 1176 (ET / EA / 003 / 05) **Calibration Due Date** : 14 April 2019
Method : Based on Operations Manual for the 5-point calibration using standard calibration kit
manufactured by Tisch TE-5025 A

Results :

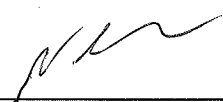
Flow recorder reading (cfm)	54	48	45	33	25
Qstd (Actual flow rate, m ³ /min)	1.82	1.58	1.43	1.07	0.86
Pressure :	768.81 mm Hg		Temp. :	291 K	

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

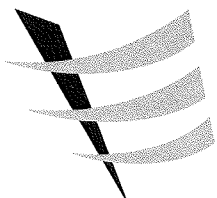


Acceptance Criteria : Correlation coefficient (r) of the calibration curve greater than 0.990 after a 5-point calibration

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)



Calibration Report
of
High Volume Air Sampler

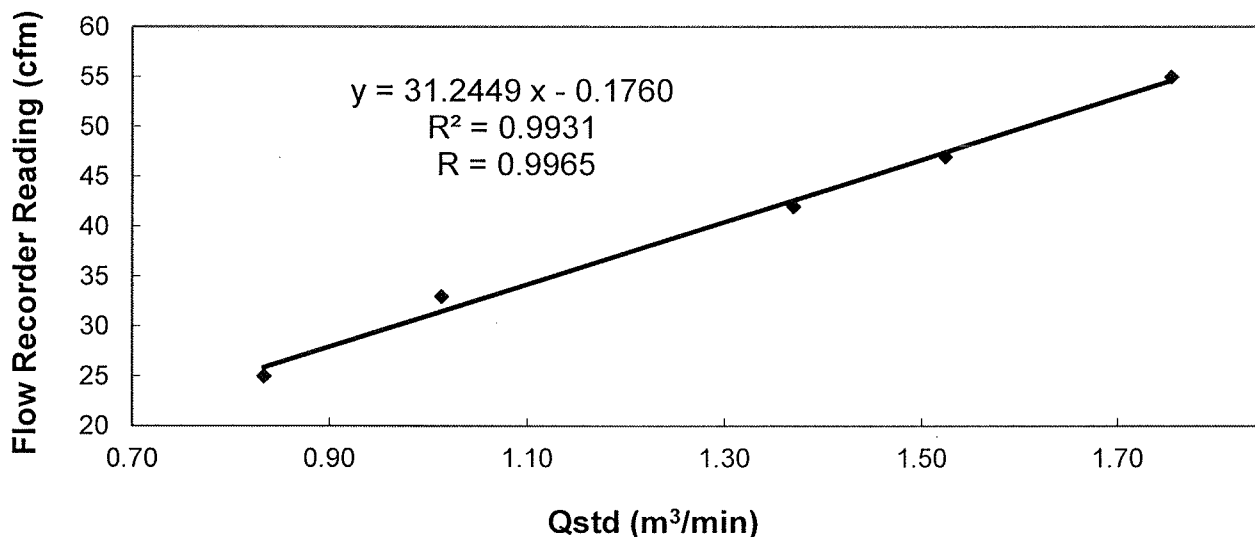
Manufacturer : Andersen G1051 Date of Calibration : 12 April 2019

Serial No. : 1176 (ET / EA / 003 / 05) Calibration Due Date : 11 June 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	47	42	33	25
	Qstd (Actual flow rate, m ³ /min)	1.75	1.52	1.37	1.01	0.83
	Pressure :	762.06 mm Hg			Temp. :	296 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)