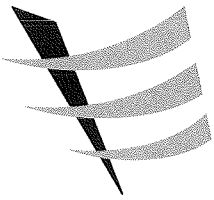


Annex D1

Calibration Certificates for Dust Monitoring Equipment



Calibration Report
of
High Volume Air Sampler

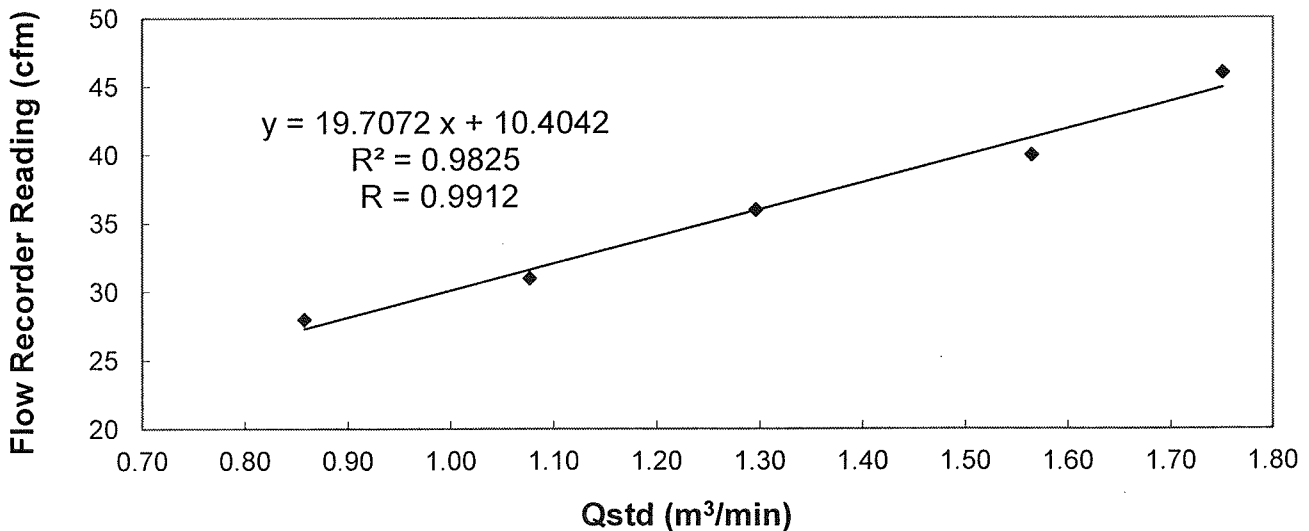
Manufacturer : Graseby 105 Date of Calibration : 19 December 2018

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

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

Results	Flow recorder reading (cfm)	46	40	36	31	28
	Qstd (Actual flow rate, m ³ /min)	1.75	1.56	1.30	1.08	0.86
	Pressure : 762.06 mm Hg	Temp. : 293 K				

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

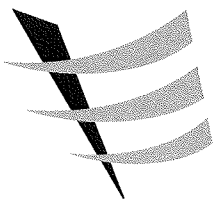


Acceptance Criteria : Correlation coefficient (r) of the calibration curve greater than 0.990 after a 5-point calibration

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

Calibrated by : *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 : 15 February 2019

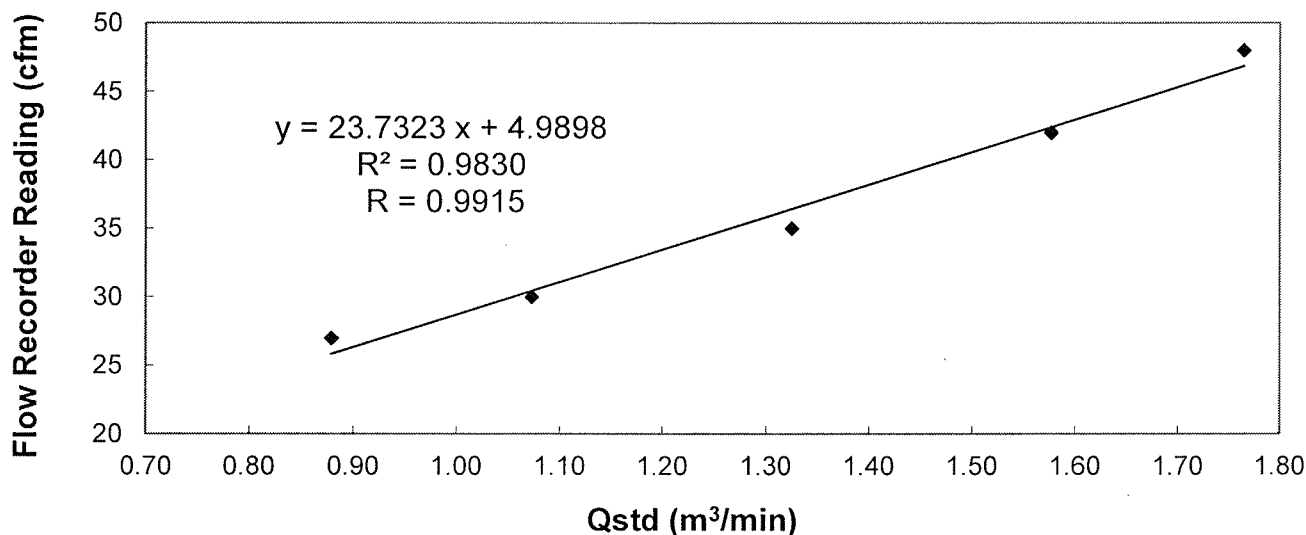
Serial No. : 9795 (ET / EA / 003 / 18) Calibration Due Date : 14 April 2019

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)

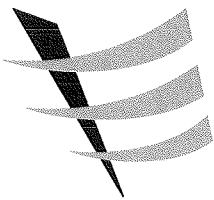


Acceptance Criteria : Correlation coefficient (r) of the calibration curve greater than 0.990 after a 5-point calibration

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)



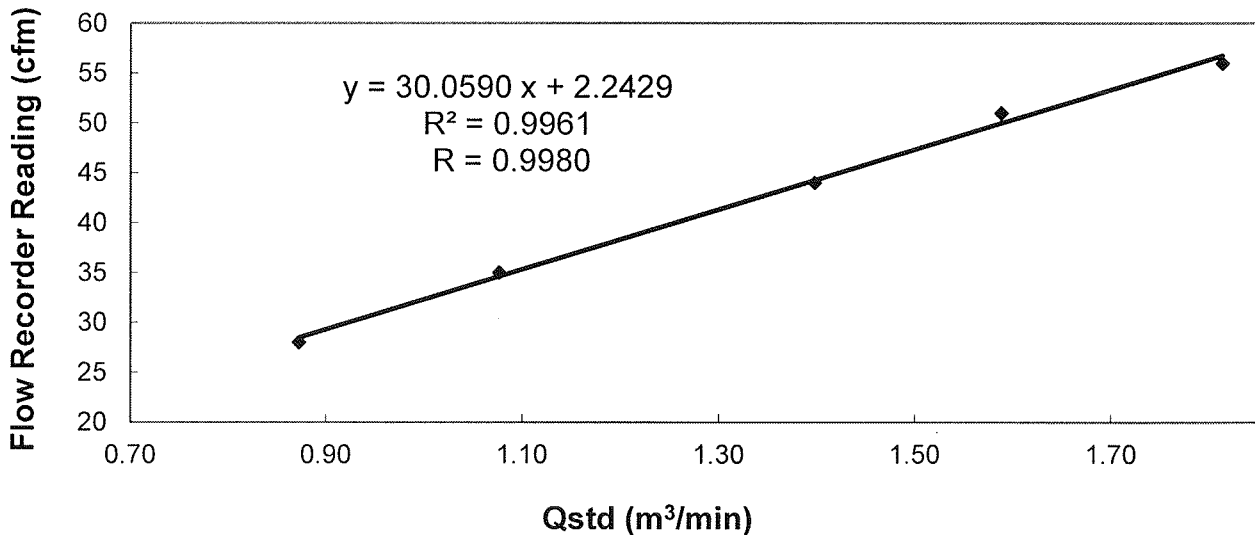
Calibration Report
of
High Volume Air Sampler

Manufacturer : Andersen G1051 _____ **Date of Calibration** : 19 December 2018 _____
Serial No. : 1176 (ET / EA / 003 / 05) _____ **Calibration Due Date** : 18 February 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)	56	51	44	35	28
Qstd (Actual flow rate, m ³ /min)	1.81	1.59	1.40	1.08	0.87
Pressure :	762.06 mm Hg		Temp. :	293 K	

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

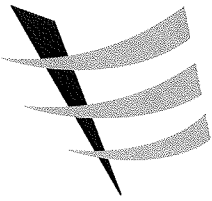


Acceptance Criteria : Correlation coefficient (r) of the calibration curve greater than 0.990 after a 5-point calibration

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

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

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



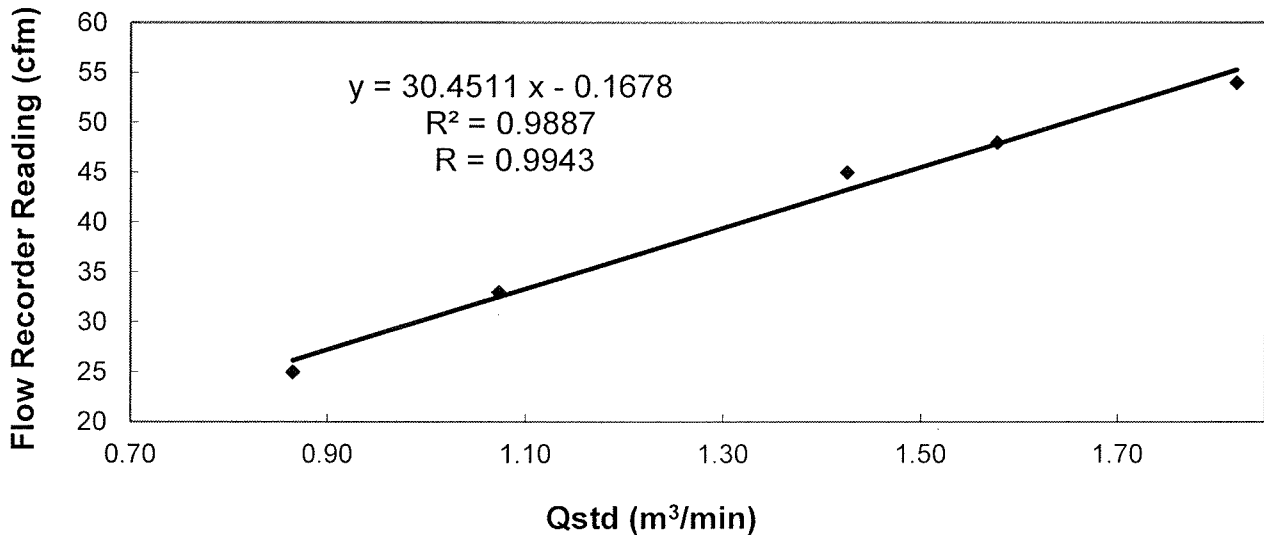
Calibration Report
of
High Volume Air Sampler

Manufacturer : Andersen G1051 **Date of Calibration** : 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 :

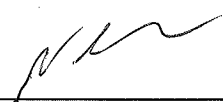
Flow recorder reading (cfm)	54	48	45	33	25
Qstd (Actual flow rate, m ³ /min)	1.82	1.58	1.43	1.07	0.86
Pressure :	768.81 mm Hg		Temp. :	291 K	

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)