Annex D1

Calibration Certificates for Dust Monitoring Equipment

東業德勤測試顧問有限公司
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Calibration Report
of
High Volume Air Sampler

Manufacturer : Graseby 105 Date of Calibration : 17 February 2020

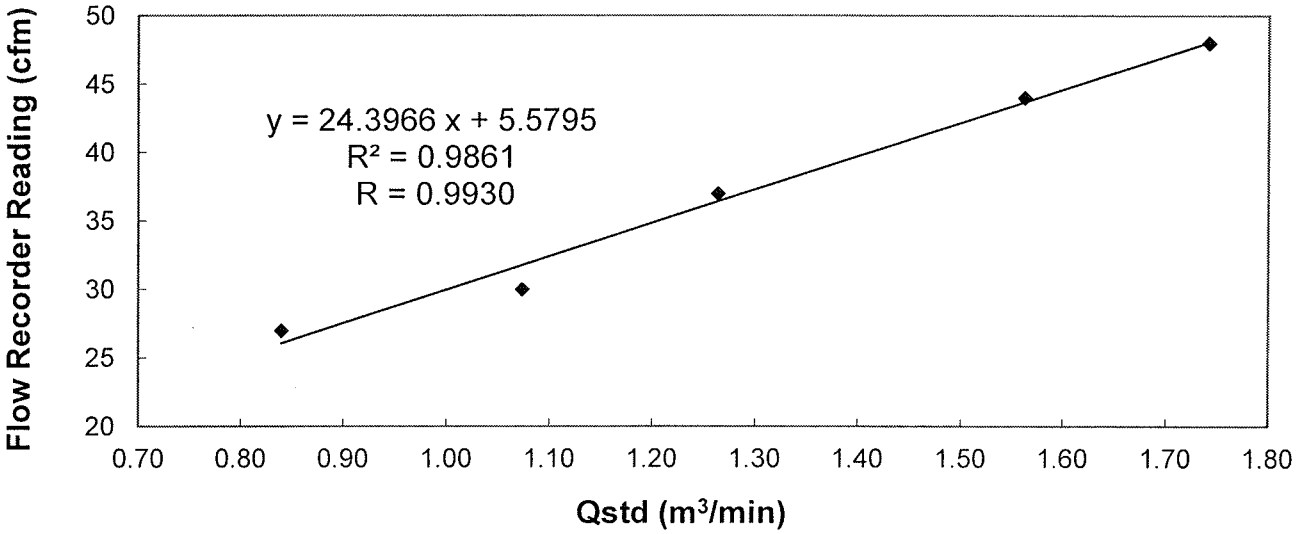
Serial No. : 9795 (ET / EA / 003 / 18) Calibration Due Date : 16 April 2020

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

Results :

Flow recorder reading (cfm)	48	44	37	30	27
Qstd (Actual flow rate, m^3/min)	1.74	1.56	1.26	1.07	0.84
Pressure : 771.06 mm Hg		Temp. : 285 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)

- END OF REPORT -

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Calibration Report
of
High Volume Air Sampler

Manufacturer : Graseby 105 Date of Calibration : 15 April 2020

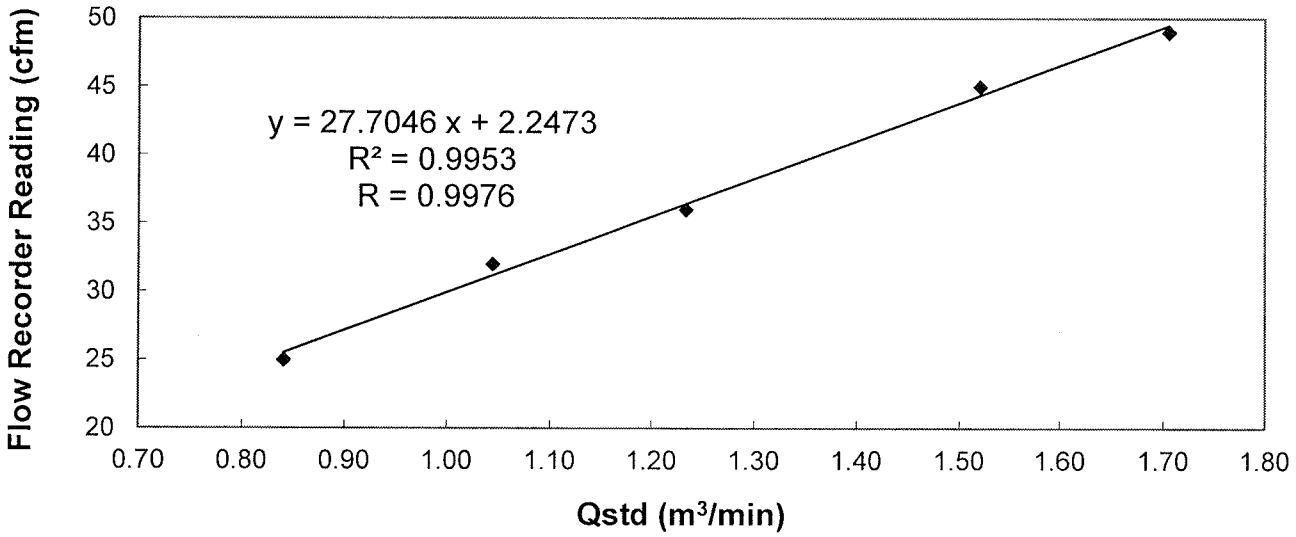
Serial No. : 9795 (ET / EA / 003 / 18) Calibration Due Date : 14 June 2020

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

Results :

Flow recorder reading (cfm)	49	45	36	32	25
Qstd (Actual flow rate, m^3/min)	1.71	1.52	1.23	1.04	0.84
Pressure : 760.56 mm Hg		Temp. : 295 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
(Assistant Supervisor)

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

- END OF REPORT -

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Calibration Report
of
High Volume Air Sampler

Manufacturer : Andersen G1051 Date of Calibration : 17 February 2020

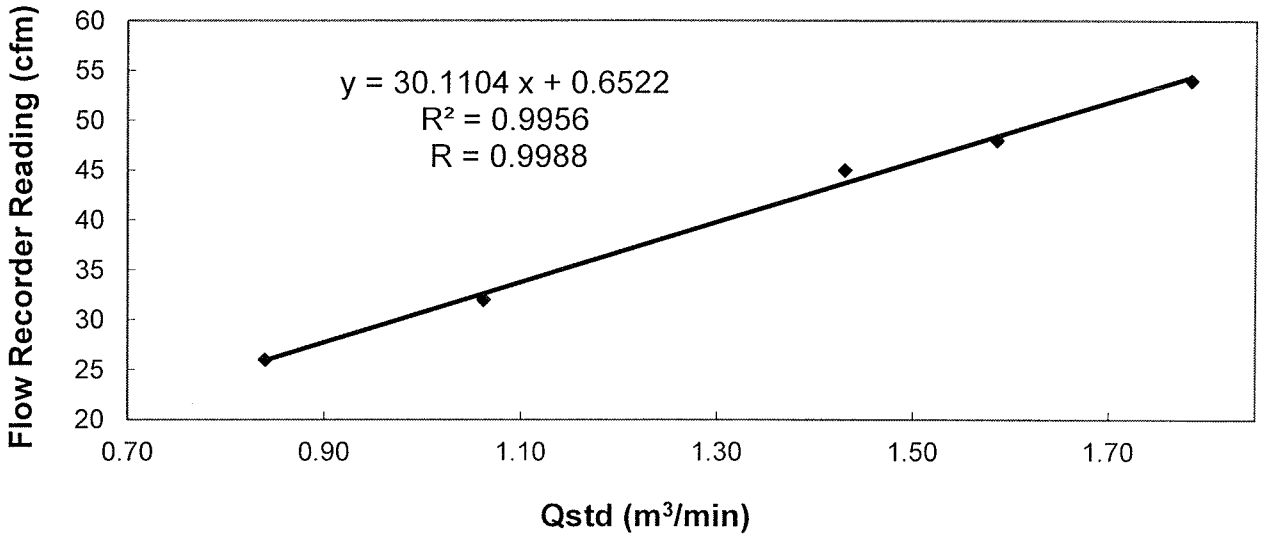
Serial No. : 1176 (ET / EA / 003 / 05) Calibration Due Date : 16 April 2020

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)	54	48	45	32	26
Qstd (Actual flow rate, m^3/min)	1.78	1.59	1.43	1.06	0.84
Pressure : 771.06 mm Hg		Temp. : 285 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)

- END OF REPORT -

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Calibration Report
of
High Volume Air Sampler

Manufacturer : Andersen G1051 Date of Calibration : 15 April 2020

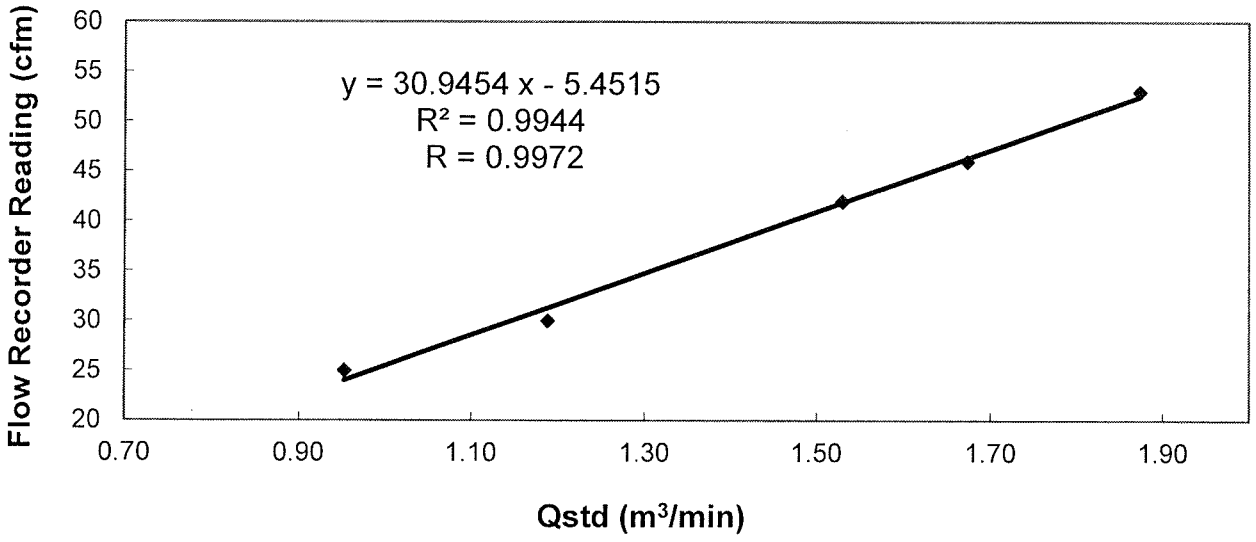
Serial No. : 1176 (ET / EA / 003 / 05) Calibration Due Date : 14 June 2020

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	42	30	25
Qstd (Actual flow rate, m^3/min)	1.87	1.67	1.53	1.19	0.95
Pressure : 762.06 mm Hg		Temp. : 295 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
(Assistant Supervisor)

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

- END OF REPORT -