### Annex D1

Calibration Certificates for Dust Monitoring Equipment



## 東業德勤測試顧問有限公司 ETS-TESTCONSULT LTD.

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# Calibration Report of High Volume Air Sampler

Manufacturer

Graseby 105

Date of Calibration

07 August 2020

Serial No.

9795 (ET/EA/003/18)

Calibration Due Date

06 October 2020

Method

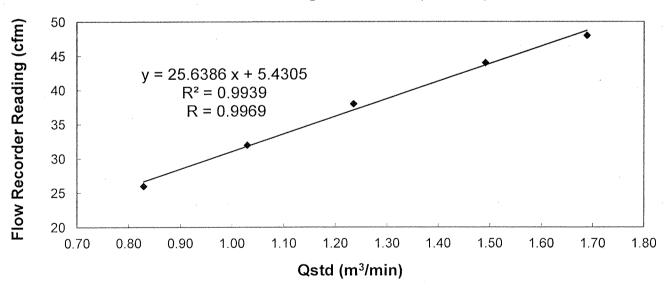
Five-point calibration by using standard calibration kit Tisch TE-5025A refer to the

Operations Manual

Results

Flow recorder reading (cfm)		48	44	38	32	26
Qstd (Actual flow rate, m³/min)		1.69	1.49	1.24	1.03	0.83
Pressure:	756.81 mm Hg		Temp.:	302	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

LĂU, Chi Leung

(Environmental Team Leader)



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# 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

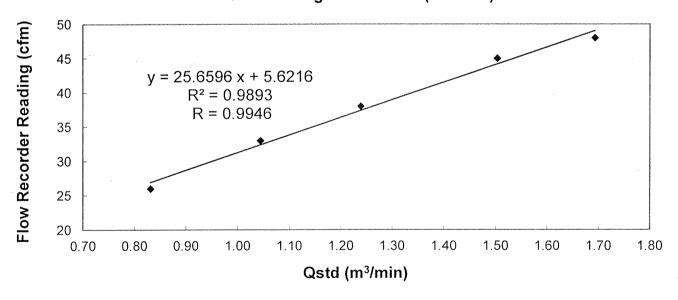
Five-point calibration by using standard calibration kit Tisch TE-5025A refer to the

**Operations Manual** 

Results

Flow recorder reading (cfm)		48	45	38	33	26
Qstd (Actual flow rate, m³/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)



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# Calibration Report of High Volume Air Sampler

Manufacturer

Andersen G1051

Date of Calibration

07 August 2020

Serial No.

1176 (ET/EA/003/05)

Calibration Due Date

06 October 2020

Method

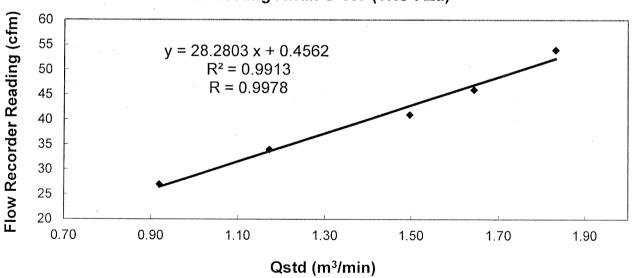
Based on Operations Manual for the 5-point calibration using standard calibration kit

manufactured by Tisch TE-5025 A

Results

Flow recorder reading (cfm)		54	46	41	34	27
Qstd (Actual flow rate, m³/min)		1.83	1.64	1.50	1.17	0.92
Pressure :	753.81 mm Hg		Temp.:	306	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)

- END OF REPORT -



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#### 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

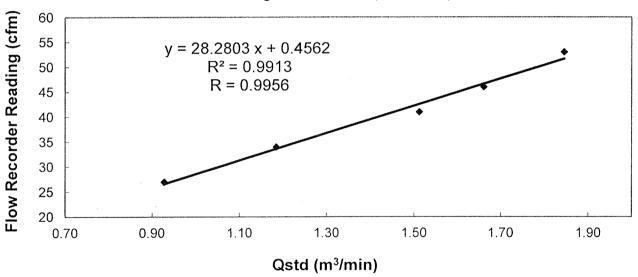
Based on Operations Manual for the 5-point calibration using standard calibration kit

manufactured by Tisch TE-5025 A

Results

Flow recorder reading (cfm)		53	46	41	34	27
Qstd (Actual flow rate, m³/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)

- END OF REPORT -