### Annex D1

Calibration Certificates for Dust Monitoring Equipment



## 東業德勤測試顧問有限公司 ETS-TESTCONSULT LTD.

Veristrong Industrial Centre, 34-36 Au Pui Wan Street, Fo Tan, Hong Kong T: +852 2695 8318

T: +852 2695 8318 F: +852 2695 3944 E: etl@ets-testconsult.com W: www.ets-testconsult.com

#### Calibration Report of

High Volume Air Sampler

Manufacturer

Graseby 105

Date of Calibration

12 June 2020

Serial No.

9795 (ET/EA/003/18)

Calibration Due Date

11 August 2020

Method

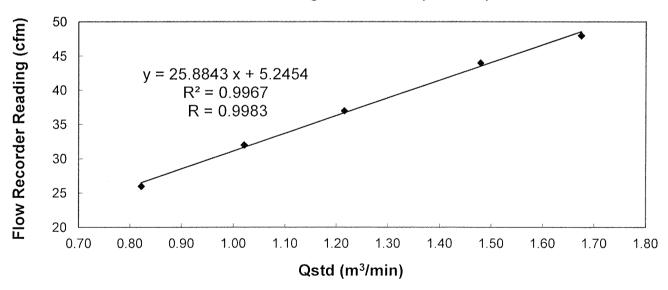
Five-point calibration by using standard calibration kit Tisch TE-5025A refer to the

**Operations Manual** 

Results

Flow recorder reading (cfm)		48	44	37	32	26
Qstd (Actual flow rate, m³/min)		1.67	1.48	1.22	1.02	0.82
Pressure :	753.81 mm Hg		Temp.:	306	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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8/F Block B, Veristrong Industrial Centre, 34-36 Au Pui Wan Street, Fo Tan, Hong Kong

T: +852 2695 8318 F: +852 2695 3944 E: etl@ets-testconsult.com W: www.ets-testconsult.com

# Calibration Report of High Volume Air Sampler

Manufacturer

Andersen G1051

Date of Calibration

12 June 2020

Serial No.

1176 (ET/EA/003/05)

Calibration Due Date

11 August 2020

Method

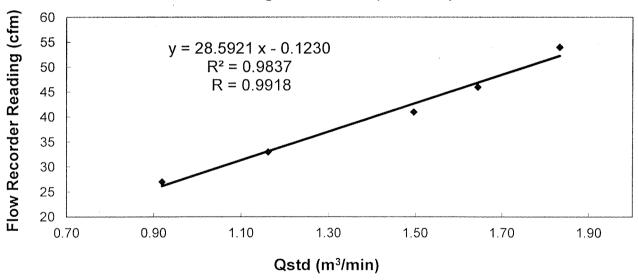
Based on Operations Manual for the 5-point calibration using standard calibration kit

manufactured by Tisch TE-5025 A

Results

Flow recorder reading (cfm)		54	46	41	33	27
Qstd (Actual flow rate, m³/min)		1.83	1.64	1.50	1.16	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 :

MAK, Kei Wai

(Assistant Supervisor)

Checked by

LAU, Chi Leung

(Environmental Team Leader)

- END OF REPORT -