Annex D1

Calibration Certificates for Dust Monitoring Equipment



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Calibration Report of High Volume Air Sampler

Manufacturer

Graseby 105

Date of Calibration

20 December 2019

Serial No.

9795 (ET/EA/003/18)

Calibration Due Date

19 February 2020

Method

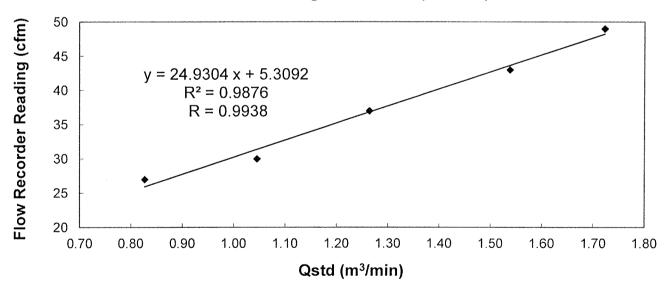
Five-point calibration by using standard calibration kit Tisch TE-5025A refer to the

Operations Manual

Results

Flow recorder reading (cfm)		49	43	37	30	27
Qstd (Actual flow rate, m³/min)		1.72	1.54	1.26	1.05	0.83
Pressure :	765.81 mm Hg		Temp. :	292	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)



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Calibration Report

of

High Volume Air Sampler

Manufacturer

Andersen G1051

Date of Calibration

20 December 2019

Serial No.

1176 (ET/EA/003/05)

Calibration Due Date

19 February 2020

Method

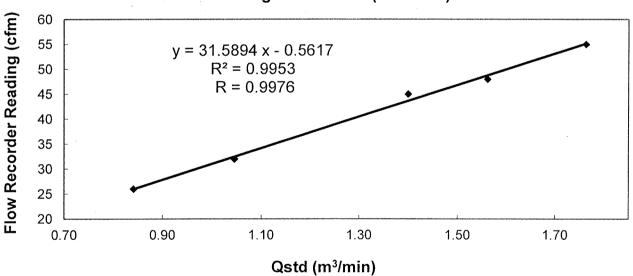
Based on Operations Manual for the 5-point calibration using standard calibration kit

manufactured by Tisch TE-5025 A

Results

Flow recorder reading (cfm)		55	48	45	32	26
Qstd (Actual flow rate, m³/min)		1.76	1.56	1.40	1.05	0.84
Pressure :	765.81 mm Hg		Temp.:	292	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

LĂU, Chi Leung

(Environmental Team Leader)

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