High-Volume TSP Sampler 1-Point Calibration Record

Location

A1

:

Calibrated by

K.F.Ho

Date

20/6/08

Sampler

Model

GMWS-2310 ACCU-VOL

Scrial Number

S/N 9315

Calibration Orfice and Standard Calibration Relationship

:

Serial Number

CM-AIR-43

Service Date

2 July 2007

Slope (m)

0.057452

Intercept (b)

-0.026137

Correlation Coefficient(r) :

0.999910

Standard Condition

Pstd (hpa)

1013

Tstd (K)

298.18

Calibration Condition

Pa (hpa)

1912

Ta(K)

301

IC (Indicated flow)

38 cfm

Actual flow

1.21 m³/min

Checked by: Magnum Fan

Date: 23/06/08

High-Volume TSP Sampler 5-Point Calibration Record

Location

Al

Calibrated by

K.T.Ho (Kennedy Town)

Date

21/04/08

Sampler

Model

GMWS-2310 ACCU-VOL

Scrial Number

S/N 9315

Calibration Orfice and Standard Calibration Relationship

Serial Number

CM-AIR-43

Service Date

2 July 2007

Slope (m)

0.057452

Intercept (b)

-0.026137

Correlation Coefficient(r):

0.999910

Standard Condition

Pstd (hpa)

1013

Tstd (K)

298.18

Calibration Condition

Pa (hpa)

1011

Ta(K)

298

Resistance Plate		dll [green liquid] (inch water)			IC	Y
1	18 holes	11.9	3.469	1.688	58	58.3
2	13 holes	9.8	3.148	1.533	50	50.3
3	10 holes	7.4	2.735	1.333	42	42.2
4	7 holes	4.7	2,179	1.065	30	30.2
5	5 holes	2.8	1.683	0.825	18	18.1

Sampler Calibration Relationship

Slope(m):45.839 Intercept(b): -19.249 Correlation Coefficient(r): 0.9994

Checked by: Magnum Fan

Date: 21/04/08

High-Volume TSP Sampler 1-Point Calibration Record

Location

A2a

Calibrated by

K.F.Ho

Date

20/06/08

Sampler

Model

GMWS-2310 ACCU-VOL

Serial Number

S/N 9048

Calibration Orfice and Standard Calibration Relationship

Serial Number

CM-AIR-43

Service Date

2 July 2007

Slope (m)

0.057452

Intercept (b)

-0.026137

Correlation Coefficient(r) ;

0.999910

Standard Condition

Pstd (hpa)

1013

Tstd (K)

298.18

Calibration Condition

Pa (hpa)

1012

Ta(K)

301

IC (Indicated flow)

38 cfm

Actual flow

1.25 m³/min

Checked by: Magnum Fan

Date: 23/06/08

High-Volume TSP Sampler 5-Point Calibration Record

Location

A2(Kennedy Town)

Calibrated by

K.T.Ho

Date

21/04/08

Sampler

Model

GMWS-2310 ACCU-VOL

Serial Number

S/N 9048

Calibration Orfice and Standard Calibration Relationship

Serial Number

CM-AIR-43

Service Date

2 July 2007

Slope (m)

0.057452

Intercept (b)

-0.026137

Correlation Coefficient(r):

0.999910

Standard Condition

Pstd (hpa)

1013

Tstd (K)

298.18

Calibration Condition

Pa (hpa)

1011

Ta(K)

298

Res	istance Plate	dH [green liquid] (inch water)	Z	X=Qstd (cubic meter/min)	IC (indicated flow)	Y
1	18 holes	10.5	3.232	1.573	56	55.9
2	13 holes	8.0	2.821	1.375	48	47.9
3	10 holes	6.3	2.504	1.221	40	39.9
4	7 holes	3.9	1.970	0.963	26	25.9
5	5 holes	2.4	1.545	0.758	12	12.0

Sampler Calibration Relationship

Slope(m):53.934 Intercept(b): -27.24

Correlation Coefficient(r): 0.9959

Checked by: Magnum Fan

Date: 21/04/08

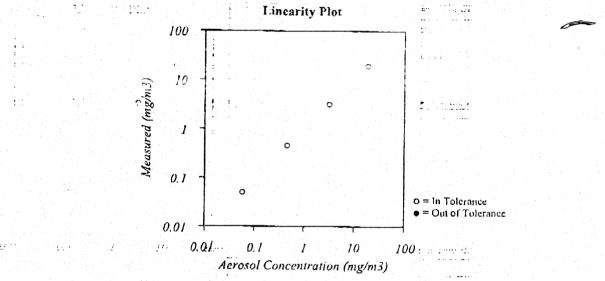


CERTIFICATE OF CALIBRATION AND TESTING

TSI Incorporated, 500 Cardigan Road, Shoreview, MN 55126 USA Tel: 1-800-424-7427 1-651-490-3824 http://www.tsi.com

Environment Condition					
Тетрегацие	69.3 (20.7)	°F (°C)	Model	8520	
Relative Humidity	42 %RH 28.92 (979.3) inHg (hPa)			85202623	
Barometric Pressure			Scrial Number		

🛛 As Left ☑ In Tolerance ☐ As Found Out of Tolerance



1	Zero Stubility Results			A CONTRACTOR OF THE CONTRACTOR
	Average:	Minimum:	Maximum:	Time:
	○ · ○ ○ ○ :mg/m³		CCCC :mg/m³	160 thrs.

TSI Incorporated does hereby certify that all materials, components, and workmanship used in the manufacture of this equipment are in strict accordance with the applicable specifications agreed upon by TSI and the customer and with all published specifications. All performance and acceptance tests required under this contract were successfully conducted according to required specifications. There is no NIST standard for optical mass measurements. Calibration of this instrument performed by TSI has been done using emery oil and has been nominally adusted to respirable mass of standard ISO 12103-1, Al test dust (Arizona dust). Our calibration ratio is greater than 1.2.1

Measurement Variable DC Voltage System 1D Last Cal. Cal. Due Measurement Variable System ID Last Cal. Cal. Duc E002235 04-05-07 04-05-08 Barometric Pressure F001329 04-30-07 04-30-08 Temperature E002873 02-23-07 02-23-08 Humidity E002873 02-23-07 02-23-08 DC Voltage E003314 07-11-07 07-11-08 DC Voltage E003315 07-11-08 07-11-07 Final Function September 28, 2007

Check Calibrated

K STREET VALUE OF THE WAY

Date



輝創工程有限公司

Sun Creation Engineering Limited Calibration and Testing Laboratory

Certificate No.: C081909

Certificate of Calibration

This is to certify that the equipment

Description: Sound Level Meter

Manufacturer: Rion

Model No.: NL-31

Serial No.: 00410224

has been calibrated for the specific items and ranges. The results are shown in the Calibration Report No. C081909.

The equipment is supplied by

Co. Name: Envirotech Services Co.

Address: Shop 6, G/F., Casio Mansion, 209 Shaukeiwan Road, Hong Kong

Date of Issue: 14 April 2008

Certified by:

The test equipment used for testing are traceable to the National Standards as specified in this report. This report shall not be reproduced except in full and with prior written approval from this laboratory.



輝創工程有限公司

Sun Creation Engineering Limited Calibration and Testing Laboratory

Certificate No.: C083194

Certificate of Calibration

This is to certify that the equipment

Description: Sound Level Calibrator

Manufacturer: Rion

Model No.: NC-73

Serial No.: 10997142

has been calibrated for the specific items and ranges. The results are shown in the Calibration Report No. C083194.

The equipment is supplied by

Co. Name: Envirotech Services Co.

Address: Shop 6, G/F., Casio Mansion, 209 Shaukelwan Road, Hong Kong

Date of Issue: 25 June 2008

Certified by

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