

4 Pages 23551 Page Certificate No.

Customer: Lam Geotechnics Limited

Address: 11/F, Centre Point, 181-185 Gloucester Road, Wanchai, Hong Kong.

11-Jun-12 Date of receipt Order No.: Q21462

Item Tested

Description : Digital Sound Level Meter

Manufacturer: B&K

: 2100736 Serial No. Model : Type 2236

Test Conditions

Supply Voltage : --Date of Test: 12-Jun-12

Relative Humidity: (50 ± 25) % **Ambient Temperature:** $(23 \pm 3)^{\circ}C$

Test Specifications

Calibration check.

Ref. Document/Procedure: Z01.

Test Results

All results were within the IEC 651 Type 1, IEC 804 Type 1 & IEC 1260 Class 1 specification.

The results are shown in the attached page(s).

Main Test equipment used:

Traceable to Equipment No. Description Cert. No. SCL-HKSAR Multi-Function Generator C101623 S017

NIM-PRC & SCL-HKSAR Sound Level Calibrator 15136 S024

The values given in this Calibration Certificate only relate to the values measured at the time of the test and any uncertainties quoted will not include allowance for the equipment long term drift, variations with environmental changes, vibration and shock during transportation, overloading, mis-handling, or the capability of any other laboratory to repeat the measurement. Hong Kong Calibration Ltd. shall not be liable for any loss or damage resulting from the use of the equipment.

The test equipment used for calibration are traceable to International System of Units (SI). The test results apply to the above Unit-Under-Test only

Calibrated by :

12-Jun-12

Date:

This Certificate is issued by:

Hong Kong Calibration Ltd.

Tel: 2425 8801 Fax: 2425 8646

Unit 8B, 24/F., Well Fung Industrial Centre, No. 58-76, Ta Chuen Ping Street, Kwai Chung, NT, Hong Kong



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Results:

1. SPL Accuracy

	J	JUT Setting			
Range	Parameter	Frequency Wt.	Freq. Response	Applied Value (dB)	UUT Reading (dB)
20 - 100	SPL	dBA	F	94.0	93.8
			S		93.8
		dBC	F		93.9
		dBL	F		93.9
		1 kHz	F		93.9
40 - 120	SPL	dBA	F	94.0	93.9
		1 kHz	F		94.0
	SPL	dBA	F	114.0	114.0
			S		114.0
		dBC	F	*! !	114.0
		dBL	F		114.1
		1 kHz	F		114.0

IEC 651 Type 1 Spec. : \pm 0.7 dB

Uncertainty: $\pm 0.1 dB$

2. Level Stability: 0.0 dB

IEC 651 Type 1 Spec. : \pm 0.3 dB

Uncertainty: $\pm 0.01 \text{ dB}$

3. Linearity

3.1 Level Linearity

UUT Range	Applied	UUT Reading	Variation	IEC 651 Type 1 Spec.
(dB)	Value (dB)	(dB)	(dB)	(Primary Indicator Range)
140	114.0	113.8	-0.1	± 0.7 dB
130	104.0	103.9	0.0	
120	94.0	93.9 (Ref.)		
110	84.0	83.9	0.0	
100	74.0	73.9	0.0	
90	64.0	63.9	0.0	
90	54.0	53.9	0.0	

Uncertainty: ± 0.1 dB



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3.2 Differential level linearity

UUT Range	Applied	UUT Reading		
(dB)	Value (dB)	(dB)	Variation (dB)	IEC 651 Type 1 Spec.
120	84.0	83.9	0.0	± 0.4 dB
	94.0	93.9 (Ref.)		
	95.0	94.8	-0.1	± 0.2 dB

Uncertainty: ± 0.1 dB

4. Frequency Weighting

A weighting

Frequency	Attenuation (dB)	IEC 651 Type 1 Spec.
31.5 Hz	-39.4	- 39.4 dB, ± 1.5 dB
63 Hz	-26.1	- 26.2 dB, ± 1.5 dB
125 Hz	-16.1	- 16.1 dB, ± 1 dB
250 Hz	-8.6	- 8.6 dB, ± 1 dB
500 Hz	-3.2	- $3.2 \text{ dB}, \pm 1 \text{ dB}$
1 kHz	0.0 (Ref)	$0 \text{ dB}, \pm 1 \text{ dB}$
2 kHz	+1.3	+ 1.2 dB, ±1 dB
4 kHz	+1.0	+ $1.0 \text{ dB}, \pm 1 \text{ dB}$
8 kHz	-1.1	- 1.1 dB , + $1.5 \text{ dB} \sim -3 \text{ dB}$
16 kHz	-6.7	- 6.6 dB, + 3 dB \sim - ∞

Uncertainty: ± 0.1 dB

5. Time Averaging

Applied Burst duty Factor	Applied Leq Value (dB)	UUT Reading (dB)	IEC 804 Type 1 Spec.
continuous	40.0	40.0	
1/10	40.0	39.9	± 0.5 dB
$1/10^2$	40.0	39.8	
$1/10^3$	40.0	39.7	± 1.0 dB
1/10 ⁴	40.0	39.5	

Uncertainty: ± 0.1 dB



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6. Filter Response

Filter Set	ting	Attenuation (dB)	IEC 1260 Class 1 Spec.
125	Hz	-63.5	<- 61
250	Hz	-44.7	<- 42
500	Hz	-20.8	<- 17.5
707	Hz	-3.5	- 2 ~ - 5
1 k	Hz (Ref.)	0.0 (Ref.)	
1.414 1	kHz	-3.9	- 2~- 5
2 1	kHz	-21.2	<- 17.5
4 1	kHz	-44.9	<- 42
8 1	kHz	-63.7	<- 61

Uncertainty: ± 0.2 dB

Remark: 1. UUT: Unit-Under-Test

2. The uncertainty claimed is for a confidence probability of not less than 95%.

3. Atmospheric Pressure: 992 hPa

----- END -----



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Customer: Lam Geotechnics Limited

Address: 11/F, Centre Point, 181-185 Gloucester Road, Wanchai, Hong Kong.

Order No.: Q22033

Date of receipt

2-Aug-12

Item Tested

Description: Sound Level Calibrator

Manufacturer: B & K

Modei

: Type 4230

Serial No.

: 1411076

Test Conditions

Date of Test: 10-Aug-12

Supply Voltage

Ambient Temperature:

 $(23 \pm 3)^{\circ}C$

Relative Humidity: (50 ± 25) %

Test Specifications

Calibration check.

Ref. Document/Procedure: F21, Z02.

Test Results

All results were within the IEC 942 Class 1 specification.

The results are shown in the attached page(s).

Main Test equipment used:

Equipment No.	Description	Cert. No.	Traceable to
S014	Spectrum Analyzer	13535	NIM-PRC & SCL-HKSAR
S024	Sound Level Calibrator	15136	NIM-PRC & SCL-HKSAR
S041	Universal Counter	15610	SCL-HKSAR
S191	6½ dgt. Multimeter	20033	NIM-PRC

The values given in this Calibration Certificate only relate to the values measured at the time of the test and any uncertainties quoted will not include allowance for the equipment long term drift, variations with environmental changes, vibration and shock during transportation, overloading, mis-handling, or the capability of any other laboratory to repeat the measurement. Hong Kong Calibration Ltd. shall not be liable for any loss or damage resulting from the use of the equipment.

The test equipment used for calibration are traceable to International System of Units (SI). The test results apply to the above Unit-Under-Test only

Calibrated by :

10-Aug-12

This Certificate is issued by:

Hong Kong Calibration Ltd.

Unit 8B, 24/F., Well Fung Industrial Centre, No. 58-76, Ta Chuen Ping Street, Kwai Chung, NT, Hong Kong.

Tel: 2425 8801 Fax: 2425 8646

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佳力高試驗中心有限公司 CASTCO TESTING CENTRE LTD.

TEST REPORT Performance Check / Calibration of Turbidity Meter

Date of issue: 04-10-2012

Page 1 of 1 page(s)

Castco LRN: EN0120924-1

Sample details as supplied by customer:-

Customer: Lam Geotechnics Ltd.

Customer Ref. No.: --

Address: 11/F., Centre Point, 181-185 Gloucester Rosd, Wanchai, Hong Kong

Contract No.: --

Job Title: --

Sample Identification No.: --

Date Sampled: --

Laboratory Test Results:-

Date of sample received: 24-09-2012

Test period: 26-09-2012

Expected Reading (NTU)	Displayed Reading (NTU)	Tolerance (%)	Method
0	0.01		
4	3.95	-1.2	
40	37.0	-7.5	ENV-WAT-TUR
80	76.1	-4.9	ENV-WAI-TOR
400	393	-1.8	
800	814	+1.8	

Remark(s):

- 1. Test results only relate to the specimen tested.
- 2. Compliance requirement : Tolerance Limit \pm 10.0%.
- 3. Turbidity meter model No.: Turb 430T.
- 4. Turbidity meter serial No.: 12220419.
- 5. Next Calibration due date: 26-12-2012.
- 6. Reference method: APHA 21st Ed. 2130B (Nephelometric method).

Checked by:

Li Yiu Wah

Certified by:

MA HIU TUNG

Assistant Technical Manager

End of Report

Form No. ENV CAL Tur T1 dd 26/06/2012



ALS Technichem (HK) Pty Ltd

REPORT OF EQUIPMENT PERFORMANCE CHECK/CALIBRATION

CONTACT:

MS EMILY KONG

CLIENT:

LAM GEOTECHNICS LIMITED

ADDRESS:

11/F., CENTRE POINT,

181-185 GLOUCESTER ROAD,

WAN CHAI, HONG KONG

PROJECT:

WORK ORDER:

HK1222848

LABORATORY: DATE RECEIVED: HONG KONG 28/08/2012

DATE OF ISSUE:

04/09/2012

COMMENTS

It is certified that the item under calibration/checking has been calibrated/checked by corresponding calibrated equipment in the laboratory.

Maximum Tolerance and calibration frequency stated in the report, unless otherwise stated, the internal aceptance criteria of ALS will be followed.

Scope of Test:

Dissolved Oxygen, pH, Salinity and Temperature

Description:

Multimeter YSI

Brand Name: Model No.:

YSI Professional Plus

Serial No.:

11F100421

Equipment No.:

Date of Calibration: 04 September, 2012

NOTES

This is the Final Report and supersedes any preliminary report with this batch number. Results apply to sample(s) as submitted. All pages of this report have been checked and approved for release.

ISSUING LABORATORY: HONG KONG

Address

ALS Technichem (HK) Pty Ltd

Phone:

852-2610 1044

11/F Chung Shun Knitting Centre

Fax:

852-2610 2021

1-3 Wing Yip Street

Email:

hongkong@alsglobal.com

Kwai Chung HONG KONG

Mr Chan Kwok Fai.

Laboratory Manager - Hong Kong

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REPORT OF EQUIPMENT PERFORMANCE CHECK/CALIBRATION

Work Order: Date of Issue:

HK1222848 04/09/2012

Client:

LAM GEOTECHNICS LIMITED



Description:

Multimeter

Brand Name:

YSI

Model No.:

YSI Professional Plus

Serial No.:

11F100421

Equipment No.:

__

Date of Calibration:

04 September, 2012

Date of next Calibration:

04 December, 2012

Parameters:

Dissolved Oxygen

Method Ref: APHA (21st edition), 4500O: G

Expected Reading (mg/L)	Displayed Reading (mg/L)	Tolerance (mg/L)
1.64	1.51	0.12
1.64	1.51	-0.13
4.71	4.61	-0.10
8.19	8.02	-0.17
	Tolerance Limit (±mg/L)	0.20

pH Value

Method Ref: APHA (21st edition), 4500H:B

Expected Reading (pH Unit)	Displayed Reading (pH Unit)	Tolerance (pH unit)
4.0	3.97	-0.03
7.0	6.95	-0.05
10.0	9.94	-0.06
	Tolerance Limit (±unit)	0.20

Salinity

Method Ref: APHA (21st edition), 2520B

Expected Reading (ppt)	Displayed Reading (ppt)	Tolerance (%)
0	0.00	
10	9.86	-1.4
20	20.46	2.3
30	29.25	-2.5
	Tolerance Limit (±%)	10.0

Temperature

Method Ref: Section 6 of International Accreditation New Zealand Technical

Guide No. 3 Second edition March 2008: Working Thermometer Calibration Procedure.

Expected Reading (°C)	Displayed Reading (°C)	Tolerance (°C)
8.0	7.6	-0.4
27.0	27.3	0.3
40.0	41.0	1.0
	Tolerance Limit (°C)	2.0

Mr Chan Kwok Fai, Godfrey Laboratory Manager – Hong Kong

ALS Technichem (HK) Pty Ltd ALS Environmental

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TISCH ENVIROMENTAL, INC. 145 SOUTH MIAMI AVE. VILLAGE OF CLEVES, OH 45002 513.467.9000 877.263.7610 TOLL FREE 513.467.9009 FAX WWW.TISCH-ENV.COM

AIR POLLUTION MONITORING EQUIPMENT

ORIFICE TRANSFER STANDARD CERTIFICATION WORKSHEET TE-5025A

	l 19, 2012 Tisch	Rootsmeter Orifice I.I	D / = .	138320 0005	Ta (K) - Pa (mm) -	298 751.84
PLATE OR Run #	VOLUME START (m3)	VOLUME STOP (m3)	DIFF VOLUME (m3)	DIFF TIME (min)	METER DIFF Hg (mm)	ORFICE DIFF H2O (in.)
1 2 3 4 5	NA NA NA NA NA	NA NA NA NA NA	1.00 1.00 1.00 1.00	1.3840 0.9760 0.8730 0.8340 0.6890	3.2 6.4 7.9 8.8 12.7	2.00 4.00 5.00 5.50 8.00

DATA TABULATION

Vstd	(x axis) Qstd	(y axis)		Va	(x axis) Qa	(y axis)
0.9850 0.9809 0.9788 0.9777 0.9725	0.7117 1.0050 1.1212 1.1723 1.4115	1.4066 1.9892 2.2240 2.3326 2.8132		0.9957 0.9915 0.9894 0.9883 0.9831	0.7194 1.0159 1.1333 1.1850 1.4268	0.8903 1.2591 1.4078 1.4765 1.7807
Qstd slo intercep coeffici	t (b) =	2.01145 -0.02803 0.99995		Qa slop intercep coeffici	t (b) = ent (r) =	1.25953 -0.01774 0.99995
v axis =	SORT[H2O(- Pa/760)(298/	Ta)]	'y axis =	SQRT [H20 ([a/Pa)]

CALCULATIONS

Vstd = Diff. Vol[(Pa-Diff. Hg)/760](298/Ta)
Qstd = Vstd/Time

Va = Diff Vol [(Pa-Diff Hg)/Pa]

Qa = Va/Time

For subsequent flow rate calculations:

Qstd = $1/m\{[SQRT(H2O(Pa/760)(298/Ta))] - b\}$ Qa = $1/m\{[SQRT H2O(Ta/Pa)] - b\}$



Location		CIVIA ID		Calbration Date					10-Oct-12
Equipment no.		EL452				Calbratio	on Due Dat	:	16-Dec-12
CALIBRATION OF CON	ITINUOUS	S FLOW R	ECORDER						
				mbient Co	ondition				
Temperature, T _a		301		Kelvin	Pressure, P	1010	mmHg		
			Orifice Tra	nsfer Stan	dard Informa	ation			
Equipment No.		EL086		Slope, m _c	2.0114	45 II	ntercept, bo	;	-0.02803
Last Calibration Date		19-Jul-1	2		(HxF	P _a / 1013	2.3 x 298	/T _a)	1/2
Next Calibration Date		19-Jul-1	3		=	$m_c \times C$	$Q_{std} + b_c$		
			c	alibration	of RSP				
Calibration	Mar	nometer R	eading	c) _{std}	us Flow		IC	
Point	Н (inches of	water)	(m ³	(m³ / min.) Record		ler, W	(W(P _a /10	013.3x298/T _a) ^{1/2} /35.31)
	(up)	(down)	(difference)	X-	X-axis (CFN		M)	Y-axis	
1	6.1	6.1	12.2	1.	7389	62	2		61.5897
2	5.0	5.0	10.0	1.5	5757	55	5		54.6360
3	4.1	4.1	8.2	1.4	4281	48	3		47.6824
4	2.5	2.5	5.0	1.1	1182	36	6		35.7618
5	1.4	1.4	2.8	0.8	8403	25	5		24.8346
By Linear Regression of	Y on X								
	Slope, m	=	40.7	641	Inte	ercept, b =	-(9.7338	
Correlation Co	oefficient*	=	0.99	994					
Calibration	Accepted	=	Yes/l	No**					
* if Correlation Coefficier	nt < 0.990,	, check and	I recalibratio	n again.					
** Delete as appropriate.									
Remarks :									
Calibrated by		Sam				Checked	l by	:	Derek Lo
Date :	1	6-Oct-12				Date		:	16-Oct-12



Location :	: CMA5a Calbration						ation Date	:_	16-Oct-12	
Equipment no.		EL380			Calbr	ation Due Dat	: _	16-Dec-12		
CALIBRATION OF CON	ITINUOUS	S FLOW R	ECORDER							
			A	mbient Co	ondition					
Temperature, T _a		301		Kelvin	Pressure, P	a		1010	0 mmHg	
			Orifice Tra	nsfer Stan	dard Informa	ation				
Equipment No.		EL086		Slope, m _c	2.0114	45	Intercept, b	С	-0.02803	
Last Calibration Date		19-Jul-1	2		(HxF	P _a / 10	13.3 x 298	/ T	a) ^{1/2}	
Next Calibration Date		19-Jul-1	3				$\times Q_{std} + b_{d}$			
			C	alibration	of RSP					
Calibration	Mar	nometer R	eading	d	Q _{std}	Continuous Flow			IC	
Point	Н (inches of	water)	(m ³	/ min.)	min.) Recorder, W		(W(P _a /1013.3x298/T _a) ^{1/2} /35.		
	(up)	(down)	(difference)	x-	C-axis (C		(CFM)	Y-axis		
1	6.1	6.1	12.2	1.	7389		57		56.6228	
2	5.0	5.0	10.0	1.	5757		52		51.6559	
3	3.8	3.8	7.6	1.3	3754		45		44.7022	
4	2.4	2.4	4.8	1.0	0959		35		34.7684	
5	1.5	1.5	3.0	0.	8693		27		26.8213	
By Linear Regression of	Y on X									
	Slope, m	=	34.5	420	Inte	ercept, b	=	3.063	33	
Correlation Co	oefficient*	=	0.99	997						
Calibration	Accepted	=	Yes/	Ne**						
* if Correlation Coefficier	nt < 0.990,	check and	d recalibratio	n again.						
** Delete as appropriate.										
Remarks :										
Calibrated by		Sam				Chec	ked by	:	Derek Lo	
Date :	1	6-Oct-12			Date :				16-Oct-12	



Location :	CMA4a Cal						tion Date	16-Oct-12	
Equipment no.		EL390		Calbratio			tion Due Dat	ı :	16-Dec-12
CALIBRATION OF CON	ITINUOUS	S FLOW R	ECORDER						
			Α	mbient Co	ndition				
Temperature, T _a		301		1010	mmHg				
			Orifice Tra	nsfer Stan	dard Informa	ation			
Equipment No.		EL086		Slope, m _c	2.0114	45	Intercept, b	С	-0.02803
Last Calibration Date		19-Jul-1	2		(HxF	P _a / 101	3.3 x 298	/ T _a)	1/2
Next Calibration Date		19-Jul-1	3		=	$m_c x$	$Q_{std} + b_{d}$;	
			C	alibration	of RSP				
Calibration	Mar	nometer R	eading	c	l _{std}	std Continuou			IC
Point	Н (inches of	water)	(m ³	m ³ / min.) Record		rder, W	(W(P _a /1013.3x298/T _a) ^{1/2} /35	
	(up)	(down)	(difference)	X-	X-axis (CF		CFM)	Y-axis	
1	6.1	6.1	12.2	1.	1.7389 60		60	59.6030	
2	5.0	5.0	10.0	1.5	5757		53		52.6493
3	3.8	3.8	7.6	1.3	3754		44		43.7088
4	2.4	2.4	4.8	1.0	0959		34		33.7750
5	1.4	1.4	2.8	0.8	3403		23		22.8478
By Linear Regression of	Y on X								
	Slope, m	=	40.4	660	Inte	ercept, b	=	11.1111	<u> </u>
Correlation Co	oefficient*	=	0.99	994					
Calibration	Accepted	=	Yes/	Ne**					
* if Correlation Coefficier	nt < 0.990.	. check and	d recalibratio	n again.					
** Delete as appropriate.									
Remarks :									
Calibrated by		Sam				Check	ed by	:	Derek Lo
Date :	1	6-Oct-12				Date		:	16-Oct-12



Location :	: CMA3a						Calbration Date : 16-			
Equipment no. :		EL888		- Calbrat				: _	16-Dec-12	
								_		
CALIBRATION OF CON	ITINUOUS	S FLOW R								
	ı		Α	mbient Co	ondition					
Temperature, T _a		301		Kelvin	Pressure, P	a		1010) mmHg	
			Orifice Tra	nsfer Stan	dard Informa	ation				
Equipment No.		EL086		Slope, m _c	2.0114	45	Intercept, b	С	-0.02803	
Last Calibration Date		19-Jul-1	2		(HxF	P _a / 10	13.3 x 298	/T	a) ^{1/2}	
Next Calibration Date		19-Jul-1	3		=	m_c	$(Q_{std} + b_{c})$:		
			C	alibration	of RSP					
Calibration	Mar	ometer R	eading	C	Q _{std}	Contin	uous Flow	s Flow IC		
Point	Н (і	inches of	water)	(m ³	/ min.)	Recorder, W		rder, W (W(P _a /1013.3x298/		
	(up)	(down)	(difference)	X-	axis	(CFM)		Y-axis		
1	6.1	6.1	12.2	1.	7389	50		49.6691		
2	4.7	4.7	9.4	1.	5281	42		41.7221		
3	4.0	4.0	8.0	1.	4108		38	37.7485		
4	2.4	2.4	4.8	1.0	0959		24	23.8412		
5	1.4	1.4	2.8	0.	8403		14		13.9074	
By Linear Regression of	Y on X									
	Slope, m	=	40.2	808	Inte	ercept, b	= -	19.90	65	
Correlation Co	oefficient*	=	0.99	994						
Calibration	Accepted	=	Yes/	No**						
* if Correlation Coefficier	nt < 0.990,	check and	d recalibratio	n again.						
** Delete as appropriate.										
Remarks :										
Calibrated by		Sam				Chec	ked by	:	Derek Lo	
Date	1	6-Oct-12				Date		: -	16-Oct-12	
-								_		



Location :		CMA2a		Calbration Date :					16-Oct-12	
Equipment no.		EL449				Calbr	ation Due Dat	:	16-Dec-12	
CALIBRATION OF COM	NTINUOUS	S FLOW R	ECORDER							
				mbient Co	ondition					
Temperature, T _a		301	1010	mmHg						
			0 'C T							
		=1			dard Inform				0.0000	
Equipment No.		EL086		Slope, m _c			Intercept, b		-0.02803	
Last Calibration Date		19-Jul-1					13.3 x 298) "-	
Next Calibration Date		19-Jul-1	3		=	m _c z	$(Q_{std} + b_{c})$;		
			C	alibration	of RSP					
Calibration	Mar	nometer R	eading	d) _{std}	Continuous Flow		s Flow IC		
Point	Н (inches of	water)	(m ³	/ min.)	Recorder, W		Recorder, W (W(P _a /1013.3x298/T _a)		
	(up)	(down)	(difference)	X-	axis	((CFM)	Y-axis		
1	6.0	6.0	12.0	1.	7247 5		53		52.6493	
2	5.0	5.0	10.0	1.5	5757		45		44.7022	
3	4.0	4.0	8.0	1.4	4108		38	37.7485		
4	2.5	2.5	5.0	1.	1182		26		25.8279	
5	1.5	1.5	3.0	0.	8693		15		14.9007	
By Linear Regression of	Y on X									
	Slope, m	=	43.3	273	Int	ercept, b	= -2	22.882	2	
Correlation C	oefficient*	=	0.99	992			'			
Calibration	Accepted	=	Yes/	No**						
* if Correlation Coefficier	nt < 0.990,	, check and	d recalibratio	n again.						
** Delete as appropriate										
Remarks :										
		Sam				Chec	ked by	:	Derek Lo	
Calibrated by	1	6-Oct-12				Date	•	-	16-Oct-12	
Date								_		



Location :	CMA6a						Calbration Date : 16-				
Equipment no.		EL448		Calbrati			ation Due Da	1:	16-Dec-12		
CALIBRATION OF CON	ITINUOUS	S FLOW R	ECORDER								
				mbient Co	ndition						
Temperature, T _a) mmHg		
			Orifice Tra	nsfer Stan	dard Informa	ation					
Equipment No.		EL086		Slope, m _c	2.011	45	Intercept, b	ıc	-0.02803		
Last Calibration Date		19-Jul-1	2		(Hxl	P _a / 10	13.3 x 298	/T.) ^{1/2}		
Next Calibration Date		19-Jul-1	3	-			$(Q_{std} + b_{d})$				
			C	alibration	of RSP						
Calibration	Mar	nometer R	eading	G	l _{std}	Continuous Flow			IC		
Point	Н (inches of	water)	(m ³	/ min.)	Recorder, W		(W(P _a /1013.3x298/T _a) ^{1/2} /35.3			
	(up)	(down)	(difference)	X-	axis	(CFM)			Y-axis		
1	6.0	6.0	12.0	1.	7247	61			60.5963		
2	5.0	5.0	10.0	1.9	5757		54		53.6427		
3	4.0	4.0	8.0	1.4	1108		46		45.6956		
4	2.5	2.5	5.0	1.	1182		34	33.7750			
5	1.5	1.5	3.0	0.8	3693		23		22.8478		
By Linear Regression of	Y on X										
	Slope, m	=	43.8	163	Inte	ercept, b	=	15.39 ⁻	16		
Correlation Co	oefficient*	=	0.99	996							
Calibration	Accepted	=	Yes/	Ne**							
* if Correlation Coefficier	nt < 0 990	check and	d recalibratio	n again							
ii Concidion Coemolei	11 < 0.000,	oncok ank	a recalibratio	ir agairi.							
** Delete as appropriate.											
Remarks :											
Calibrated by		Sam				Checl	ked by	:	Derek Lo		
Date	1	6-Oct-12				Date		:	16-Oct-12		