C.S.C. Force Measurement, Inc.

Calibration Certificate

LABORATORY ACCREDITATION BUREAU ACCREDITED ISO/IEC 17025

Certificate #L1142-1 Calibration

Certificate #: **132319**

Customer: ABC COMPANY

Address 12 BIRCHWOOD LANE

City/State: LOWELL MA 01852

Date: 1/13/2015

PO # PO928-02394

The calibrations / test within the certificate / report are traceable through NIST or another National Metrology Institute to the International System of Units (SI units). Unless otherwise indicated the tolerance specified does not take into account the uncertanty of measurement for pass/fail indication. Accredited by L.A.B. #L1142 to ISO/IEC 17025. Also ANSI/NCSL Z540-1-1994 compliant.

Equipment Information

I.D.:	FG-026
Serial Number:	3461339
Manufacturer:	MARK-10
Model Number:	M5-10
Gage Type:	FORCE GAUGE, DIGITAL
Capacity:	10 X 0.002 lbf
Accuracy:	+/- 0.1% FULL SCALE

Calibration Information

Calibration Date:	1/11/2015
Recall Date:	1/11/2016
Temp./RH:	70 °F / 38 %
Condition Received:	IN TOLERANCE
Test Results:	PASS
Cal Procedure:	SCP-81 Rev. A
Performed By:	BARRY LITTLE
Quality Review:	Barry Little
Reviewed By:	Barry Little
Reviewer Title:	CALIBRATION MANAGER
Date Reviewed:	6/3/2014
Calibration Location:	OUR LAB
Unit of Measure:	lbf

Calibration Notes

Equipment is in good funtional order

Measurement Uncertainty using a coverage factor of K=2 at a 95% confidence: 0.003 lbf

Test Points

No.	Description	Standard	Tolerance -	Tolerance +		As Found	As Left	
1	TENSION	2.000	1.990	2.010		2.000	2.000	lbf
2	TENSION	2.000	1.990	2.010		2.000	2.000	lbf
3	TENSION	4.000	3.990	4.010		4.000	4.000	lbf
4	TENSION	4.000	3.990	4.010		4.000	4.000	lbf
5	TENSION	6.000	5.990	6.010		6.002	6.002	lbf
6	TENSION	6.000	5.990	6.010		6.002	6.002	lbf
7	TENSION	8.000	7.990	8.010		8.002	8.002	lbf
8	TENSION	8.000	7.990	8.010		8.002	8.002	lbf
9	TENSION	10.000	9.990	10.010		10.004	10.004	lbf
10	TENSION	10.000	9.990	10.010		10.004	10.004	lbf
11	COMPRESSION	2.000	1.990	2.010		2.000	2.000	lbf
12	COMPRESSION	2.000	1.990	2.010		2.000	2.000	lbf
13	COMPRESSION	4.000	3.990	4.010		4.000	4.000	lbf
14	COMPRESSION	4.000	3.990	4.010		4.000	4.000	lbf
15	COMPRESSION	6.000	5.990	6.010		6.002	6.002	lbf
16	COMPRESSION	6.000	5.990	6.010		6.002	6.002	lbf
17	COMPRESSION	8.000	7.990	8.010		8.004	8.004	lbf
18	COMPRESSION	8.000	7.990	8.010		8.004	8.004	lbf
19	COMPRESSION	10.000	9.990	10.010		10.004	10.004	lbf
20	COMPRESSION	10.000	9.990	10.010		10.004	10.004	lbf

Standards Used To Calibrate Equipment

Description	I.D. No.	Last Calibrated	Cal. Due Date	Certificate No.
HOOK LB WEIGHT SET (A)	003	2/5/2014	2/5/2017	14160

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84 Ramah Circle North, P.O. Box 887, Agawam, MA 01001, 413-789-3086, FAX 413-789-3598