

"As Found" & "As Left"

Certificate of Calibration

and Traceability to the

United States National Institute of Standards & Technology

MODEL: S35-20K-20555

HBM LOAD CELL, SERIAL NO. 1388219

20,000 LBF CAPACITY, TENSION

WEIGHTRONIX WI-125 READOUT, SERIAL NO. 055416

Calibration forces were applied to the above identified instrument "As Found". Adjustments were made and an "As Left" calibration was performed. This calibration is in conformance with the requirements of Morehouse QAM Rev. 8, dated 03/27/06, ISO/IEC 17025, and ANSI/NCSL Z540.1.

Following are calibration forces applied during three separate calibration runs, the deflection in Lbf as read on the indicator for each applied force and the average deflection in Lbf for each applied force.

FORCE APPLIED LBF	"AS FOUND"				"AS LEFT"			
	INDICATOR READINGS				INDICATOR READINGS			
	RUN 1	RUN 2	RUN 3	AVERAGE	RUN 1	RUN 2	RUN 3	AVERAGE
	LBF	LBF	LBF	LBF	LBF	LBF	LBF	LBF
2000	2033	2032	2031	2032	2000	1999	2000	2000
4000	4065	4063	4064	4064	4000	3999	4000	4000
6000	6097	6095	6096	6096	5999	5999	6000	5999
8000	8129	8127	8128	8128	8000	7999	8001	8000
10000	10161	10159	10160	10160	10000	9999	10001	10000
12000	12192	12191	12193	12192	12000	12000	12002	12001
14000	14224	14222	14224	14223	14001	14000	14002	14001
16000	16255	16254	16255	16255	16001	16000	16002	16001
18000	18286	18284	18286	18285	18000	18000	18003	18001
20000	20317	20315	20317	20316	20000	20000	20003	20001

RESOLUTION = 1 LBF

Suggested Calibration Due Date: December 10, 2010

Calibration was performed for a temperature of 23 degrees C.

This calibration is certified traceable to the United States National Institute of Standards & Technology according to the following documentation and calibration apparatus used:

Dead Weight Force Machine S/N M-7471 NIST Lab No. 822/268391-03

Uncertainty of the Force Standard used did not exceed +/- 0.002% of applied load, (k=2)

CALIBRATED BY:


B. COOK

DATE CALIBRATED:

DECEMBER 10, 2008

REPORT NO. 1388219L1008

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