Certificate Report No.: NA2651-977-061214

Mettler Toledo
Service Business Unit Industrial
1900 Polaris Parkway
Columbus, OH 43240
1-800-523-5123

METTLER TOLEDO

ISO 9001 Registered

ANSI/NCSL Z540-1 Accredited

Accredited by the American Association for Laboratory Accreditation (A2LA)

CALIBRATION CERT #1902.01

Calibration Certificate

Customer

Company:	Spruce Creek High School		
Address:	801 Taylor Rd		
City:	Port Orange	*State/Province:*	Florida
Zip/Postal:	32127	Customer ID:	300702590

Device

Manufacturer:	Totalcomp	*Terminal Model:*	N/A
Model:	T500E	*Terminal Serial No.:*	N/A
Serial No.:	7e201010000234	*Printer Serial No.:*	N/A
Capacity:	440 lb	*Dept./Room:*	N/A
Readability:	0.02 lb	*No. of Divisions:*	22000
Scale Class:	III	*Procedure Used:*	NIST Handbook 44
Customer Asset #/ID:	N/A		
Procedure Statement:	This certificate is issued in accordance with the conditions of accreditation granted by A2LA, which is based on ISO/IEC 17025. A2LA has assessed the measurement capability of the laboratory and its traceability to recognized national standards.		

Calibration Date:	12-Jun-2014	*Next Cal. Due Date:*	30-Jun-2015
Authorized Signatory (A2LA):	Ubaldo Vella	*Signature:*	ELECTRONIC SIGNATURE

Reference Weights

Traceability Test weights used are traceable to the National Institute of Standards and Technology.

Weight Set No.:	*NIST Traceability No.:*	*Class ASTM/OIML:*	*Calibration Date:*	*Calibration Due Date:*
25LB x 20	FL-13158	NIST F	27-Jun-2013	30-Jun-2015

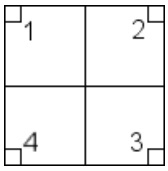
METTLER TOLEDO

Measuring Results

Temperature: 75 °F

Environmental conditions have been verified to ensure the accuracy of the calibration.

Shift Test



		As Found	As Left
Weights Applied	*Position*	*Displayed Value*	*Displayed Value*
1: 100 lb	*Position 1*	99.88 lb	100.00 lb
2: 100 lb	*Position 2*	99.88 lb	100.00 lb
3: 100 lb	*Position 3*	99.88 lb	100.00 lb
4: 100 lb	*Position 4*	99.88 lb	100.00 lb
Maximum Error:		0.12 lb	0.00 lb
Max Allowable Error:		0.10 lb	0.1 lb

Linearity

	As Found					
	Weights Applied	*Reading*	*Error*		*Allowable Error*	*Within Tol*
Zero 1	0.00 lb	0.00 lb	0.00 lb	0 d	1 d	YES
2	100.00 lb	99.88 lb	-0.12 lb	6 d	5 d	NO
3	200.00 lb	199.76 lb	-0.24 lb	12 d	5 d	NO
4	300.00 lb	299.62 lb	-0.38 lb	19 d	5 d	NO
Max 5	400.00 lb	399.48 lb	-0.52 lb	26 d	5 d	NO
6	300.00 lb	299.56 lb	-0.44 lb	22 d	5 d	NO
7	200.00 lb	199.70 lb	-0.30 lb	15 d	5 d	NO
8	100.00 lb	99.86 lb	-0.14 lb	7 d	5 d	NO
Zero 9	0.00 lb	0.00 lb	0.00 lb	0 d	1 d	YES

☐ Substitution method used

	As Left					
	Weights Applied	*Reading*	*Error*		*Allowable Error*	*Within Tol*
Zero 1	0.00 lb	0.00 lb	0.00 lb	0 d	1 d	YES
2	100.00 lb	100.00 lb	0.00 lb	0 d	5 d	YES
3	200.00 lb	200.00 lb	0.00 lb	0 d	5 d	YES
4	300.00 lb	300.00 lb	0.00 lb	0 d	5 d	YES
Max 5	400.00 lb	399.98 lb	-0.02 lb	1 d	5 d	YES
6	300.00 lb	300.00 lb	0.00 lb	0 d	5 d	YES
7	200.00 lb	200.00 lb	0.00 lb	0 d	5 d	YES
8	100.00 lb	100.00 lb	0.00 lb	0 d	5 d	YES
Zero 9	0.00 lb	0.00 lb	0.00 lb	0 d	1 d	YES

☐ Substitution method used

Adjustment of scale has been necessary
In case of "NO", "AS FOUND" results correspond to "AS LEFT"

☑ **YES** ☐ **NO**

Repeatability

Weights Applied: 100.00 lb

	Loaded	*Empty*	*Difference*
1	100.00 lb	0.00 lb	100 lb
2	100.00 lb	0.00 lb	100 lb
3	100.00 lb	0.00 lb	100 lb
	Maximum Error:	0.00 lb	0.0 d
	Allowable Error:	0.10 lb	5 d

Uncertainty

Measurement Uncertainty = 0.013 lb

Measurement Uncertainty represent expanded uncertainties using a coverage factor of K=2 which provides a level of confidence of approximately 95%. Allowance must be made for the environment at the place of calibration, uncertainty induced by the item being calibrated and adverse effects caused by transportation of calibration equipment. These factors could result in the uncertainty being larger than the CMC.

Remarks

SCALE RECALIBRATED.