

United States Department of Commerce
National Institute of Standards and Technology

***Demonstrated
Areas of Proficiency**

Mass

Echelon I
30 kg - 1 mg
Echelon II
30 kg - 1 mg
50 lb - 1 μ lb
8 oz - 0.03125 oz
Echelon III
500 kg - 1 mg
5,000 lb - 0.001 lb
8 oz - 0.03125 oz
Weight Carts
6,000 lb - 2,000 lb
Wheel Load Weighers
 \leq 20,000 lb

Volume

Gravimetric, I
2 L - 100 mL
25 gal - 0.5 pt
30 gal - 5 gal (SVP)
Volume transfer, II
2,000 gal - 5 gal
100 gal - 50 gal (LPG)

Length

Tapes
100 ft - 0 ft

Temperature

III, IV, V - 30 °C - 0 °C

~ Certificate of Measurement Traceability ~
for

Michigan

**a participant in the NIST Weights and Measures
Measurement Assurance Program for the Year(s)**

2012 - 2013

The State standards are traceable to NIST and the laboratory has demonstrated* measurement proficiency through training and interlaboratory comparisons compliant to NIST HB 143:2007 (ISO/IEC 17025:2005).



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for the National Institute of Standards and Technology*

Chief, Office of Weights and Measures

Title

January 1, 2012 to December 31, 2013

Effective Date

