

**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  $\mu$ lb

8 oz - 0.03125 oz

Echelon III

500 kg - 1 mg

5,000 lb - 0.001 lb

8 oz - 0.03125 oz

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

**Length**

Tapes

100 ft - 0 ft

**Temperature**

III, IV, V - 30 °C - 0 °C

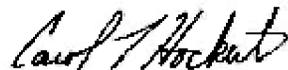
**~ Certificate of Measurement Traceability ~  
for**

**Michigan**

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

**2009 - 2010**

**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).**



*Carol T. Hockett,  
for the National Institute of Standards and Technology*

Chief, Weights and Measures Division

*Title*

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