

**United States Department of Commerce
National Institute of Standards and Technology**

***Demonstrated
Areas of Proficiency**

Mass

Echelon I

30 kg - 1 mg
1,000 lb - 1 µlb

Echelon II

30 kg - 1 mg
4 oz - 0.03125 oz

Echelon III

100 kg - 1 mg
1,000 lb - 0.001 lb
4 oz - 0.03125 oz

Weight Carts

5,000 lb - 2,000 lb

Wheel Load Weighers

40,000 lb - 5,000 lb

Volume

Gravimetric, I

125 gal - 1 gill

Volume transfer, II

5,000 L - 19 L

1,500 gal - 5 gal

300 gal - 20 gal LPG

Length

Steel tapes 100 ft - 1 ft

Rigid rules 72 in - 6 in

Frequency

Tuning forks 60 m/hr

Time

Stopwatches

> 3 hr

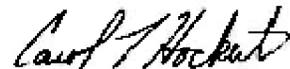
~ Certificate of Measurement Traceability ~
for

Maine

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

2010 - 2011

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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Chief, Weights and Measures Division

Title

January 1, 2010 to December 31, 2011

Effective Date

