

United States Department of Commerce
National Institute of Standards and Technology

***Demonstrated
Areas of Proficiency**

Mass

Echelon I
30 kg - 1 mg
1000 lb - 1 μ lb
Echelon II
30 kg - 1 mg
4 oz - 0.03125 oz
Echelon III
100 kg - 1 mg
1000 lb - 0.001 lb
4 oz - 0.03125 oz
Weight Carts
5000 lb - 2000 lb
Wheel Load Weighers
40 000 lb - 5 000 lb

Volume

Gravimetric, I
125 gal - 1 gill
Volume transfer, II
1500 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)**

2008 - 2009

**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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Title

April 15, 2009 to December 31, 2009
Effective Date

