

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

***Demonstrated
Areas of Proficiency**

Mass

Echelon II
500 kg - 1 mg
1000 lb - 1 μ lb
Echelon III
1000 kg - 1 mg
5000 lb - 0.001 lb
2 oz - 0.03125 oz
Weight Carts
6000 lb - 2500 lb

Volume

Gravimetric, I
25 mL
5 gal, 0.5 pt, 1 gill
Volume transfer, II
20 L
1000 gal - 1 gill
100 gal LPG
Small Volume Prover (water draw)
20 gal

Length

Steel tapes 100 ft - 1 ft
Rigid rules 96 in - 1 in

Time

Stopwatches 3 hr, 24 hr

Temperature

III 0 °C - 60 °C

~ **Certificate of Measurement Traceability** ~
for

Indiana

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

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

January 1, 2009 to December 31, 2009
Effective Date

