

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

**\*Demonstrated  
Areas of Proficiency**

**Mass**

Echelon II  
500 kg - 1 mg  
1,000 lb - 1 µlb  
Echelon III  
1,000 kg - 1 mg  
,5000 lb - 0.001 lb  
2 oz - 0.03125 oz  
Weight Carts  
6,000 lb - 2,500 lb

**Volume**

Gravimetric, I  
25 mL  
5 gal - 1 gill  
Volume transfer, II  
20 L  
1,000 gal - 5 gal  
100 gal LPG  
Small Volume Prover (water draw)  
20 gal

**Length**

Steel tapes            150 ft - 1 ft  
Rigid rules            96 in - 1 in

**Time**

Stopwatches           3 hr, 24 hr

**Temperature**

III    100 °C - 0 °C

~ Certificate of Measurement Traceability ~  
for

**Indiana**

**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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*Title*

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*Effective Date*

