

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

***Demonstrated
Areas of Proficiency**

Mass

Echelon II

25 kg - 1 mg

50 lb - 1 μ lb

2,500 lb - 500 lb (Internal Only)

Echelon III

1,000 kg - 1 mg

2,500 lb - 0.001 lb

8 oz - 0.03125 oz

Weight Carts

5,000 lb - 3,000 lb

Volume

Gravimetric, I

20 L

10 gal - 2 fl oz

Volume transfer, II

120 L - 20 L

2,000 gal - 1 gill

Dry measures

$\leq 3 \text{ ft}^3$

Length

Steel tapes

60 m - 0.1 m, 210 ft - 1 ft

Fabric tapes

300 ft - 1 ft, 12 yd - 0.25 yd

Rigid rules

24 in - 0.5 in, 16 ft - 1 ft

Temperature

IV 40 °C - 0 °C, 110 °F - 32 °F

Time

Stopwatches

72 hr - 1 hr

Note: This Scope does not cover calibrations at remote locations unless noted.

~ Certificate of Measurement Traceability ~
for

New York

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

2011 - 2012

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. Hockert,
for the National Institute of Standards and Technology

Chief, Weights and Measures Division
Title

January 1, 2011 to December 31, 2012
Effective Date

