

**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
2500 lb - 500 lb (Internal Only)

Echelon III

1000 kg - 1 mg
2500 lb - 0.001 lb
8 oz - 0.03125 oz

Volume

Gravimetric, I
10 gal - 2 fl oz
Volume transfer, II
150 gal - 1 gill

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
5 m - 0.1 m
24 in - 0.5 in
16 ft - 1 ft

Temperature

Echelon IV
0 °C - 40 °C

Time

Stopwatches
72 hr - 1 hr

~ **Certificate of Measurement Traceability** ~
for

New York

**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).**



*Carol T. Hockert,
for the National Institute of Standards and Technology*

Chief, Weights and Measures Division
Title

January 1, 2009 to December 31, 2009
Effective Date

