

United States Department of Commerce
National Institute of Standards and Technology

~ Certificate of Measurement Traceability ~
for

Pennsylvania

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

2012 - 2013

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, Office of Weights and Measures
Title

January 1, 2012 to December 31, 2013
Effective Date

***Demonstrated
Areas of Proficiency**

Mass

Echelon II

30 kg - 1 mg
50 lb - 0.001 lb

Echelon III

2,500 kg - 1 mg
5,000 lb - 0.001 lb
8 oz - 0.03125 oz
200 oz t - 0.005 oz t

Weight Carts

6,000 lb - 2,000 lb
Wheel Load Weighers
40,000 lb - 0 lb

Volume

Gravimetric, I

20 L
10 gal - 1 gal

Volume transfer, II

20 L
1,500 gal - 1 gal

Length

Steel tapes
200 ft - 0 ft

Time

Stopwatches
≤ 24 hrs

Force

50 lb - 0 lb

