

**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)**

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

***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 - 10,000 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

