

**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)**

2008 - 2009

**The State standards are traceable to NIST and the laboratory
has demonstrated* measurement proficiency through training
and interlaboratory comparisons.**



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for the National Institute of Standards and Technology*

Chief, Weights and Measures Division
Title

January 1, 2008
Effective Date



***Demonstrated
Areas of Proficiency**

Mass

Echelon II

30 kg - 1 mg

Echelon III

500 kg - 1 mg

5000 lb - 0.001 lb

Volume

Gravimetric, I

20 L

5 gal

Volume transfer, II

20 L

1500 gal - 5 gal

Length

Steel tapes

30 m - 0 m

100 ft - 0 ft

Rigid rules

18 in - 0 in

Time

Stopwatches

≤ 24 hrs

Wheel Load Weighers

20 000 lb - 5000 lb