

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

~ Certificate of Measurement Traceability ~

for

New Jersey

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

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. Hockett,
for the National Institute of Standards and Technology*

Chief, Office of Weights and Measures
Title

January 1, 2012 to December 31, 2012
Effective Date



***Demonstrated
Areas of Proficiency**

Mass

Echelon III
30 kg - 1 mg
1,000 lb - 0.001 lb
8 oz - 0.03125 oz
Wheel Load Weighers
 $\leq 20,000$ lb

Volume

Volume Transfer, II
1,500 gal - 1 gal
100 gal - 20 gal LPG

Length

Steel tapes
500 ft - 1 ft

Time

Stopwatches
 ≤ 24 hr

Frequency

Tuning Forks
 $\leq 9,000$ Hz