

United States Department of Commerce
National Institute of Standards and Technology

***Demonstrated
Areas of Proficiency**

Mass

Echelon III

500 kg - 1 mg

6,000 lb - 0.001 lb

8 oz - 0.03125 oz

Weight Carts \leq 6,000 lb

Lottery Balls

Volume

Gravimetric, I

20 L - 100 mL

100 gal - 1 gill

Small Volume Prover (SVP)

30 gal - 15 gal

Volume Transfer, II

20 L

7,500 gal - 1 gal

500 gal - 25 gal (LPG)

Volume Transfer, II (Field)

5 gal - 1 gal

Length

Lottery Balls

~ Certificate of Measurement Traceability ~
for

North Carolina

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. Hockert,
for the National Institute of Standards and Technology

Chief, Office of Weights and Measures
Title

May 7, 2012 to December 31, 2012

Revised Scope Effective Date

