United States Department of Commerce

National Institute of Standards and Technology

Certificate of Metrological Traceability For:

North Carolina

This laboratory has demonstrated evidence of an unbroken chain of metrological traceability of its standards to the international system of units (SI), documented measurement uncertainties, uses documented measurement procedures, successfully completed training and proficiency tests, documented calibration intervals, submitted a quality management system, and demonstrated suitable measurement assurance for the Scope listed on this certificate.

The Office of Weights and Measures Program assesses laboratories to NIST Handbook 143 - Program Handbook for State Weights and Measures Laboratories and ISO/IEC 17025:2005.

2015

Scope

Mass Echelon I
30 kg to 1 mg

Mass Echelon II
30 kg to 1 mg

Mass Echelon III
1000 kg to 1 mg
2500 lb to 0.001 lb
8 oz to 0.03125 oz

Weight Carts
6000 lb to 3000 lb

Lottery Balls

Volume Gravimetric, I
400 L to 100 mL
100 gal to 1 gill
10 ft^3 to 0.5 ft^3

Volume Gravimetric, SVP
30 gal to 15 gal

Volume Transfer, II
650 L to 20 L
2000 gal to 1 gal
500 gal to 25 gal LPG

Length
Lottery Balls

Thermometry
230 °C to -30 °C
446 °F to -22 °F

Carol T. Hockert, Chief
NIST Office of Weights and Measures

Effective Dates: 2015-01-01 to 2015-12-31

NOTE: This Scope does not cover calibrations at remote locations.

(Rev.: March 2013)