

United States Department of Commerce

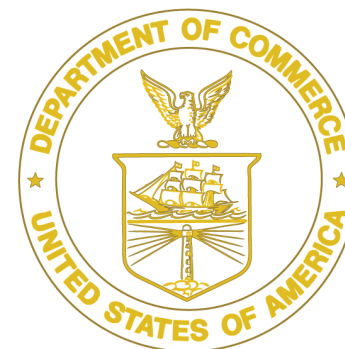
National Institute of Standards and Technology

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), maintains a documented calibration program, documented measurement uncertainties, uses documented measurement procedures, successfully completed training and proficiency tests, submitted a quality management system, and has 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 17025:2017.



Scope

Mass Echelon I

30 kg to 1 mg
50 lb to 0.001 lb

Mass Echelon II

250 kg to 1 mg
2500 lb to 0.001 lb
8 oz to 0.03125 oz

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
2.65 g

Volume Gravimetric, I

50 mL
100 gal to 1 gill

Volume Gravimetric, I SVP

30 gal to 5 gal

Volume Transfer, II

2000 gal to 5 gal

Volume Transfer, II LPG

110 gal to 24 gal

Length, Lottery Balls

39 mm to 37 mm

Temperature III, IV

660 °C to -30 °C
1220 °F to -22 °F

2022

*Katrice Lippa, Chief
NIST Office of Weights and Measures*

Effective Dates: 2022-06-10 to 2023-02-01