United States Department of Commerce

National Institute of Standards and Technology

Certificate of Metrological Traceability For:

South 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.

2019

Scope

Mass Echelon II
50 kg to 1 mg
2000 lb to 0.001 lb
8 oz to 0.015625 oz

Mass Echelon III
2000 kg to 1 mg
2500 lb to 0.001 lb
8 oz to 0.015625 oz

Weight Carts
6000 lb to 2500 lb

Wheel Load Weighers
40 000 lb to 10 000 lb

Volume Gravimetric, I
5 gal

Volume Transfer, II
20 L to 10 L
1500 gal to 5 gal

Volume Transfer, II LPG
100 gal to 20 gal

Douglas A. Olson, Chief
NIST Office of Weights and Measures

Effective Dates: 2019-02-01 to 2020-02-01

(Rev.: March 2013)