

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.

Scope

Mass Echelon II	Weight Carts	Volume Transfer, II
50 kg to 1 mg	6000 lb to 2500 lb	20 L to 5 L
2000 lb to 0.001 lb	Wheel Load Weighers	1500 gal to 1 gal
8 oz to 0.015625 oz	40 000 lb to 10 000 lb	Volume Transfer, II LPG
Mass Echelon III	Volume Gravimetric, I	100 gal to 20 gal
2000 kg to 1 mg	5 gal	
2500 lb to 0.001 lb		
8 oz to 0.015625 oz		



2020

Douglas A. Olson

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

Effective Dates: 2020-02-01 to 2021-02-01