

# 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), 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

<b>Mass Echelon II</b>	<b>Mass Echelon III</b>	<b>Volume Gravimetric, I</b>
20 kg to 1 mg	1000 kg to 1 mg	5 gal
1000 lb	2500 lb to 0.001 lb	<b>Volume Transfer, II</b>
500 lb	8 oz to 0.03125 oz	20 L to 5 L
50 lb to 0.001 lb	<b>Weight Carts</b>	1500 gal to 1 gal
8 oz to 0.03125 oz	6000 lb to 3000 lb	<b>Volume Transfer, II LPG</b>
	<b>Wheel Load Weighers</b>	100 gal, 25 gal
	40 000 lb to 10 000 lb	

2025 to 2026



Karrice Lipka, Chief  
NIST Office of Weights and Measures

Effective Dates: 2025-02-01 to 2027-01-31

Note: Amended 20250131 to correct Wheel Load Weighers range to 10 000 lb