

# 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.



2025 to 2026

### Scope

#### Mass Echelon II

20 kg to 1 mg  
1000 lb  
500 lb  
50 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  
Wheel Load Weighers  
40 000 lb to 10 000 lb

#### Volume Gravimetric, I

5 gal

#### Volume Transfer, II

20 L to 5 L  
1500 gal to 1 gal

#### Volume Transfer, II LPG

100 gal  
25 gal

A handwritten signature in black ink, appearing to read "Katrice Lippa".

Katrice Lippa, Chief  
NIST Office of Weights and Measures

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

Note: Amended 2026-01-30 to amend Mass II range for 1000 lb to 0.0001 lb