

# 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*

#### **Mass Echelon II**

100 g to 1 mg  
1000 lb  
100 lb to 0.001 lb  
8 oz to 0.03125 oz

#### **Mass Echelon III**

2000 kg to 1 mg  
2500 lb to 0.001 lb  
8 oz to 0.03125 oz  
Weight Carts  
6000 lb to 2500 lb  
Wheel Load Weighers  
40 000 lb to 20 000 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 to 25 gal



2021

A handwritten signature in cursive script that reads "Douglas A. Olson".

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

*Effective Dates: 2021-02-01 to 2022-02-01*