

United States Department of Commerce

National Institute of Standards and Technology

Certificate of Metrological Traceability For:

Washington

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 I

20 kg to 1 mg
50 lb to 0.001 lb

Mass Echelon II

25 kg to 1 mg
1000 lb to 0.001 lb
4 oz to 0.03125 oz

Mass Echelon III

25 kg to 1 mg
4000 lb to 0.001 lb
4 oz to 0.03125 oz

Weight Carts
4000 lb to 3000 lb

Volume Gravimetric, I

5 gal to 1 pt

Volume Transfer, II

1000 gal to 5 gal

Time

Stopwatches, Timers
≤ 24 h



2024 to 2025

*Katrice Lippa, Chief
NIST Office of Weights and Measures*

Effective Dates: 2024-02-01 to 2026-01-31

Note: Amended 20250130 removal of Volume, II LPG measurement parameter