

United States Department of Commerce

National Institute of Standards and Technology

Certificate of Metrological Traceability For:

Alaska

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.



2024 to 2025

Scope

Mass Echelon II

30 kg to 1 mg
50 lb to 0.001 lb
8 oz to 0.03125 oz

Mass Echelon III

30 kg to 1 mg
1000 lb to 0.001 lb
8 oz to 0.03125 oz

Weight Carts

5000 lb to 3000 lb

Wheel Load Weighers

40 000 lb to 5 000 lb

Volume Gravimetric, I

25 gal to 5 gal

Volume Transfer, II

1000 gal to 5 gal

Frequency

7000 Hz to 1000 Hz

Temperature, III

100 °C to -20 °C
120 °F to -20 °F

Field Calibrations:

Volume Transfer, II

750 gal to 5 gal

Katrice Lippa, Chief
NIST Office of Weights and Measures

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