

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), documented measurement uncertainties, uses documented measurement procedures, successfully completed training and proficiency tests, documented calibration intervals, submitted a quality management system, and 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.



2021 to 2022

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 10 000 lb

Volume Gravimetric, I

25 gal to 5 gal

Volume Transfer, II

1000 gal to 5 gal

Volume Transfer, II LPG

100 gal to 25 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

A handwritten signature in cursive script, reading "Douglas A. Olson".

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

Effective Dates: 2021-02-01 to 2023-02-01