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.

2020 to 2021

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
120 °F to -20 °F

Field Calibrations

Volume Transfer, II
750 gal to 5 gal

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

Effective Dates: 2020-02-01 to 2022-02-01

(Rev.: February 2020)