

United States Department of Commerce

National Institute of Standards and Technology

Certificate of Metrological Traceability For:

Colorado

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.

Scope

Mass Echelon I

1 kg to 1 mg

Mass Echelon II

10 kg to 1 mg

Mass Echelon III

50 kg to 1 mg

2500 lb to 0.001 lb

8 oz to 0.03125 oz

Weight Carts

5000 lb to 2000 lb

Volume Transfer, II

100 gal to 5 gal

Volume Transfer, II LPG

100 gal to 25 gal

Frequency

Tuning Forks \leq 80 mHz



2021 to 2022

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

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