

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 17025:2005.



2014

Scope

Mass Echelon II

10 kg to 1 mg

Mass Echelon III

30 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

100 gal to 25 gal LPG

Length

Bench, Tapes

300 ft to 1 ft

Rigid Rules

10 in to 1 in

Frequency

Tuning Forks ≤ 100 mph

Stopwatches

24 h to 1 h

Grain Moisture

≤ 25 %

A handwritten signature in blue ink that reads "Carol T. Hockert".

Carol T. Hockert, Chief
NIST Office of Weights and Measures

Effective Dates: 2014-01-01 to 2014-12-31

Amended: 2014-01-23

Expanded Scope to include Mass Echelon II for the full year.