

United States Department of Commerce

National Institute of Standards and Technology

Certificate of Metrological Traceability For:

New Jersey

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.



Scope

Mass Echelon III

30 kg to 1 mg

1000 lb to 0.001 lb

8 oz to 0.03125 oz

Wheel Load Weighers

20 000 lb to 2500 lb

Volume Transfer, II

1500 gal to 5 gal

Volume Transfer, II LPG

100 gal to 20 gal

Length, Tapes, Bench

Steel Tapes

500 ft to 1 ft

Rigid Rules

192 in to 6 in

Frequency

Tuning Forks

≤ 9000 Hz

Time

Stopwatches

24 h to 1 h

2020

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

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

Effective Dates: 2020-01-01 to 2021-02-01