

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), maintains a documented calibration program, documented measurement uncertainties, uses documented measurement procedures, successfully completed training and proficiency tests, submitted a quality management system, and has 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 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, Bench

Steel Tapes

500 ft to 1 ft

Rigid Rules

192 in to 6 in

Frequency

Tuning Forks

≤ 7000 Hz

Time

Stopwatches

24 h to 1 h

2023

A handwritten signature in black ink, appearing to read "K. Lippa".

*Katrice Lippa, Chief
NIST Office of Weights and Measures*

Effective Dates: 2023-02-01 to 2024-02-01