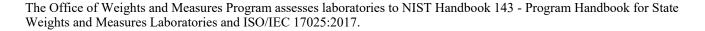
United States Department of Commerce

National Institute of Standards and Technology

Certificate of Metrological Traceability For:

Washington

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.



Scope



2022 to 2023

Mass Echelon I

20 kg to 1 mg 50 lb to 0.001 lb

Mass Echelon II

25 kg to 1 mg 1000 lb to 0.001 lb 4 oz to 0.03125 oz

Mass Echelon III

25 kg to 1 mg 4000 lb to 0.001 lb 84oz to 0.03125 oz

Weight Carts 4000 lb to 3000 lb Volume Gravimetric, I

5 gal

Volume Transfer, II 1000 gal to 5 gal

Volume Transfer, II LPG 200 gal to 19 gal

Time

Stopwatches, Timers \leq 24 h

Katrice Lippa, Chief NIST Office of Weights and Measures

Effective Dates: 2022-02-01 to 2024-02-01