

United States Department of Commerce

National Institute of Standards and Technology

Certificate of Metrological Traceability For:

New York

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 II

25 kg to 1 mg

50 lb to 1 μ lb

Mass Echelon III

1000 kg to 1 mg

2500 lb to 0.001 lb

8 oz to 0.03125 oz

Lottery Balls

85 g to 2.0 g

Weight Carts

5000 lb to 2000 lb

Volume Gravimetric, I

200 gal to 2 fl oz

Volume Transfer, II

120 L to 19 L

2000 gal to 5 gal

Volume Transfer, II LPG

100 gal to 20 gal

Length

Bench

200 ft to 1 ft

Rigid Rules

16 ft to 1 in

Fabric Tapes

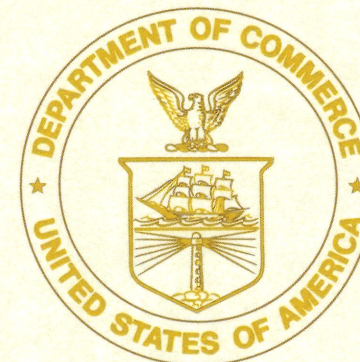
12 yd to 0.25 yd

Lottery Ball

5.5 cm to 5 cm

Time, Stopwatches

≤ 3 h



2019

Douglas A. Olson

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

Effective Dates: 2019-01-01 to 2020-02-01

NOTE: This Scope does not cover
calibrations at remote or field
locations.