

United States Department of Commerce

National Institute of Standards and Technology

Certificate of Metrological Traceability For:

Maryland

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

30 kg to 1 mg
1000 lb to 500 lb

Mass Echelon III

30 kg to 1 mg
5000 lb to 0.001 lb
4 oz to 0.005 oz

Weight Carts
5000 lb to 3000 lb

Volume Transfer, II

1800 gal to 5 gal
105 gal to 20 gal LPG

Length

Rigid Rules
48 in to 1 in

Time

Stopwatches
3 h

Temperature

Echelon II
95 °C to 5 °C

A handwritten signature in blue ink, reading "Carol T. Hockert".

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

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