

# 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

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

Effective Dates: 2014-01-01 to 2014-06-30

Amended: 2014-08-27

Suspended Scope for the remainder of the year due to laboratory personnel changes on 2014-06-30.