United States Department of Commerce

National Institute of Standards and Technology

Certificate of Metrological Traceability For:

Pennsylvania

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.

2016 to 2017

Scope

Mass Echelon II
30 kg to 1 mg
50 lb to 0.001 lb

Mass Echelon III
2500 kg to 1 mg
5000 lb to 0.001 lb
8 oz to 0.03125 oz
200 oz t to 0.005 oz t

Weight Carts
6000 lb to 2000 lb

Wheel Load Weighers
≤ 40 000 lb

Volume Gravimetric, I
500 L to 5 L
100 gal to 1 gal

Volume Transfer, II
5000 L to 5 L
1500 gal to 5 gal

Length, Tapes, Bench
Steel Tapes
≤ 200 ft

Time
Stopwatches
≤ 24 h

Force
≤ 50 lbf

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

Effective Dates: 2016-01-01 to 2017-12-31

(Rev.: March 2013)