

United States Department of Commerce

National Institute of Standards and Technology

Certificate of Metrological Traceability For:

Indiana



2015

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

50 kg to 1 mg

Mass Echelon III

1000 kg to 1 mg

2000 lb to 0.001 lb

2 oz to 0.03125 oz

50 oz t to 0.1 dwt

Weight Carts

6000 lb to 3000 lb

Volume Transfer, II

1000 gal to 5 gal

100 gal LPG

Volume Gravimetric, I

20 L

100 gal to 5 gal

Time

Stopwatches

3 h

Temperature, IV

100 °C to 0 °C (Liquid-in-Glass)

Length, Tape to Tape

100 ft to 1 ft

A handwritten signature in blue ink, reading "Carol T. Hockert", is written over a horizontal line.

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

Effective Dates: 2015-01-01 to 2015-12-31