United States Department of Commerce

National Institute of Standards and Technology

Certificate of Metrological Traceability For:

Michigan

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 I
20 kg to 1 mg

Mass Echelon II
20 kg to 1 mg
50 lb to 1 µlb
8 oz to 0.03125 oz

Mass Echelon III
500 kg to 1 mg
5000 lb to 0.001 lb
8 oz to 0.03125 oz

Weight Carts
6000 lb to 3000 lb

Wheel Load Weighers
≤ 20 000 lb

Volume Gravimetric, I
2 L to 100 mL
25 gal to 0.5 pt

Volume, SVP
30 gal to 5 gal

Volume Transfer, II
2000 gal to 5 gal
100 gal to 20 gal LPG

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

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

(Rev.: March 2013)