

# United States Department of Commerce

## National Institute of Standards and Technology

Certificate of Metrological Traceability For:

# Ohio

This laboratory has demonstrated evidence of an unbroken chain of metrological traceability of its standards to the international system of units (SI), maintains a documented calibration program, documented measurement uncertainties, uses documented measurement procedures, successfully completed training and proficiency tests, submitted a quality management system, and has 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 17025:2017.



2023 to 2024

### *Scope*

#### **Mass Echelon II**

50 kg to 1 mg  
50 lb to 0.001 lb  
8 oz to 0.015625 oz

#### **Mass Echelon III**

1000 kg to 1 mg  
5000 lb to 0.001 lb  
8 oz to 0.015625 oz

Weight Carts

6000 lb to 3000 lb

#### **Volume Transfer, II**

1000 gal to 5 gal

#### **Volume Transfer, II LPG**

100 gal

#### **Length**

Tapes  
100 ft to 1 ft  
Rigid Rules  
72 in to 1 in

#### **Time**

Stopwatches  
≤ 24 h

A handwritten signature in black ink, appearing to read "K. Lippa".

*Katrice Lippa, Chief  
NIST Office of Weights and Measures*

*Effective Dates: 2023-02-01 to 2025-02-01*