

United States Department of Commerce

National Institute of Standards and Technology

Certificate of Metrological Traceability For:

Missouri

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.



2020

Scope

Mass Echelon II

30 kg to 1 mg
1000 lb to 500 lb
50 lb to 0.001 lb
4 oz to 0.03125 oz

Mass Echelon III

250 kg to 1 mg
6500 lb to 0.001 lb
4 oz to 0.03125 oz
Weight Carts
6500 lb to 2000 lb
Railroad Test Cars
110 000 lb to 80 000 lb

Volume Gravimetric, I

500 mL
1 gal to 2 fl oz

Volume Transfer, II

1500 gal to 5 gal

Volume Transfer, II LPG

100 gal to 25 gal

Douglas A. Olson, Chief
NIST Office of Weights and Measures

Effective Dates: 2020-02-01 to 2021-02-01