

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.

Scope

Mass Echelon II

30 kg to 1 mg

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

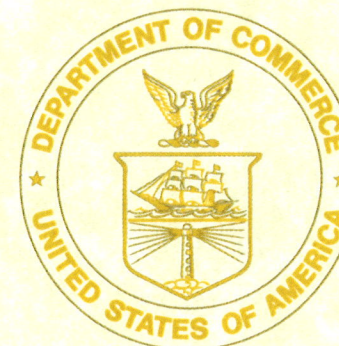
Volume Transfer, II

1500 gal to 5 gal

100 gal to 25 gal LPG

Grain Moisture

19 % to 8 %



2017 to 2018

Georgia L. Harris, Acting Chief
NIST Office of Weights and Measures

Effective Dates: 2017-01-01 to 2018-12-31