United States Department of Commerce National Institute of Standards and Technology

Certificate of Metrological Traceability For:

Arizona

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.

Scope

* ELLENT OF COMPLETE

2022 to 2023

Mass Echelon II 30 kg to 1 mg 50 lb to 0.001 lb 8 oz to 0.03125 oz Mass Echelon III

500 kg to 1 mg 5000 lb to 0.001 lb 100 oz to 0.03125 oz

Weight Carts 5000 lb to 2000 lb Volume Gravimetric, I 100 gal to 1 gal

Volume Transfer, II 500 gal to 1 gal

Volume Transfer, II LPG 100 gal to 20 gal

Katrice Lippa, Chief NIST Office of Weights and Measures

Effective Dates: 2022-02-01 to 2024-02-01