




New Mexico Department of Agriculture

Laboratory Division
MSC 3-LD
P.O. Box 30005
Las Cruces, NM 88003-8005
575-646-1551, fax: 575-646-2361

February 20, 2020

MEMORANDUM

TO: Registered Service Establishments, Test Measures Owners and Owner/Operators of Volumetric Provers

FROM: Tim Darden, Division Director 

SUBJECT: Test Standards Submitted for Calibrations

To ensure timely and accurate calibrations of test standards submitted to the New Mexico Department of Agriculture (NMDA) Metrology Laboratory, the following criteria must be followed:

- Metal test measures and open volumetric provers must be clean of all foreign material and petroleum residue. All test measures must be painted red except for stainless steel cans. Dents must be removed and any leaks repaired.
- All open volumetric provers, which are hard-plumbed to pumps or holding tanks, must be provided with a quick disconnect-type line break or a secondary drain facility downstream from the prover control valve, to facilitate gravity draining of the prover without going into the pump or holding tank
- All LPG provers must be depressurized and have drain plugs loosened.
- Class "F" field cast iron weights must be cleaned and freshly painted. Aluminum paint is recommended. Enamel paint is NOT acceptable.
- Class "F" field weights must conform to the specifications and tolerances set forth in the National Institute of Standards and Technology (NIST) Handbook 105-1. An adjustment cavity on the bottom of the weight is NOT acceptable.

NMDA receives daily delivery and pick up of packages by United Parcel Service (UPS). If you wish to send your test standards by UPS to NMDA for calibration, the standards will be returned via UPS unless otherwise instructed. The UPS shipping address for NMDA is:

New Mexico Department of Agriculture
Metrology Laboratory
3190 S. Espina St.
Las Cruces, NM 88003-8005
Telephone: (575) 646-1551

Actual return shipping charges will be included on the invoice. Calibrations are done by appointment. To schedule a calibration appointment, contact the Laboratory Division, at the address and telephone number listed above.