



# March 19, 2025, Board Report

## Division of Measurement Standards

### Division Overview

#### Pending matters of significance

- 83<sup>rd</sup> Legislative Session
  - Assembly Bill (AB) 29
    - Will update Nevada Revised Statutes (NRS) Chapter 590 to account for changes and modernization of fuel station signage and labeling.
    - Hearing held before Assembly Committee on Natural Resources on February 10, 2025.
- Livestock scale testing
  - Updated communication methods, and additional outreach with ranches has been very successful.
  - Effort to be continued this year to capture more stakeholders.
  - Preparing for the start of this year's inspection schedule.

#### Partnership activities

- Southern Nevada fuel pipeline shutdown
  - Southern California wildfires in January precipitated a Public Safety Power Shutdown (PSPS) which affected operations at the western end of the Kinder-Morgan Calnev pipeline running into Las Vegas.
  - Coordinated efforts involving a large number of Department of Agriculture (NDA) personnel and other agencies helped alleviate a potentially disastrous situation.
    - The Director, Deputy Director, Senior Petroleum Chemist, and Public Information Officer were very involved in coordinating information about fuel supply, length of time the PSPS might last, and messaging to the public.

### Program Updates

#### Metrology

Annual Submission to National Voluntary Laboratory Accreditation Program (NVLAP)

- Received notice in February of renewal of the program's Certificate of Accreditation, which acknowledges compliance with ISO 17025:2017.
  - This accreditation allows for the program to serve a broader customer base.

National Council on Weights and Measures (NCWM)

- Attended the 2025 NCWM Interim Meeting in Charleston, SC, January 12-15, 2025.
- Participated at the meeting of the Metrology Subcommittee, discussing issues common to programs across the country.
  - These issues include training, succession planning, certification after staff changes, and funding.

Annual Submission to National Institute of Standards and Technology (NIST)

- Received notice in late January of re-approval of the program's NIST Certificate of Traceability, which serves to recognize the program's capabilities and scope of work.
  - Laboratory scope includes Mass Echelon II, Mass Echelon III, Volume Gravimetric I, Volume Transfer II, and Volume Transfer II, LPG.

Combined Regional Measurement Assurance Program

- Metrologists to attend meeting in Portland, OR, June 1-6, 2025.
- Usually held as four regional meetings; every fifth year the regions meet together; this is such a year.
- NIST Handbook 143 requires annual attendance at the regional training meeting.
- Conducted by the NIST Laboratory Metrology Program, Office of Weights and Measures (OWM).
- Agenda includes training and discussions of common topics.
- Continuing education training topics include Electric Vehicle Supply Equipment, ISO 17025, work with uncertainties, and volumetric calibrations for LPG.

FY 2025 Program metric as of February 14, 2025:

- FY 2025 total items calibrated: 1142

### **Petroleum Technology**

ASTM D02 Committee (Petroleum Products, Liquid Fuels, and Lubricants)

- Attended the December biannual meeting in Anaheim, CA, December 8-12, 2024.
  - Participated in discussions and presentations on topics relevant to the fuel specifications and standard test methods adopted by the NDA.

National Council on Weights and Measures

- Attended the 2025 NCWM Interim Meeting in Charleston, SC, January 12-15, 2025.
- Attended and participated in the Fuels and Lubricants Subcommittee (FALS) subcommittee meeting.

FY 2025 Program metric as of February 14, 2025:

- FY 2025 total fuel samples tested: 1,498
  - 1,142 gasoline samples
  - 345 diesel samples
  - 6 ethanol flex fuel samples
  - 1 kerosine sample
  - 2 aviation gasoline samples
  - 1 jet fuel sample
  - 1 biodiesel sample
- FY 2025 fuel sample failures: 46 (3.07%)
  - 15 gasoline samples, including:
    - 10 for octane screen below posted value
    - 4 for distillation outside specification
    - 1 for vapor pressure above maximum allowed
  - 31 diesel samples, including:

- 28 for flashpoint temperature below minimum specification
  - 3 for visual failure
- FY 2025 fuel quality consumer complaints: 14
  - 2 found valid
- FY 2025 fuel price accuracy consumer complaints: 8
  - 2 found valid

## Weights and Measures

National Council on Weights and Measures

- Attended the 2025 NCWM Interim Meeting in Charleston, SC, January 12-15, 2025.
- Participated in discussions on current agenda items.
- These include items on multi-dimensional measuring devices (MDMD), which is an emerging technology, as well as items related to scales, automatic weighing systems, vehicle tank meters, and weigh-in-motion systems.
- Some of these will be voted on for possible adoption into the NIST Handbooks; others will continue to be developed before afforded status as voting items.

Equipment purchases

- All of the specialty trucks that had been ordered have been delivered. These are being deployed at all three offices.
- Some are still being modified for work in the field; adding weights trays, etc. to inspector trucks and modifying the beds for trucks used to test gas stations.
  - These are coming online as the work is completed.
- A large-capacity weight truck to be stationed at the Las Vegas office is still being constructed; delivery is expected in April.

Personnel

- The vacant Weights and Measures Inspector II position in Las Vegas has been filled, and the incumbent has been scheduled to begin on March 3.
- The recently hired Weights and Measures Inspector I in Elko has completed his CDL training and passed the CDL test.
- There will be one vacant Weights and Measures Inspector II position in Sparks as the incumbent retires in late March. That position has already been posted, and it is hoped that the position will be unfilled for a minimum of time.

FY 2025 Program metrics as of February 11, 2025:

- FY 2025 devices inspected: 21,692, including:
  - 1,024 Class A devices
  - 5,828 Class B devices
  - 88 Class C devices
  - 258 Class D devices
  - 34 Class E devices
  - 7 Class G devices
  - 70 Class H devices
  - 275 Class I devices
  - 293 Class J devices

- 110 Class K linear devices
- 12,611 Class L1 devices (fuel dispensers, low flow)
- 333 Class L2 devices (fuel dispensers, high flow)
- 153 Class M meters
- 375 Class N meters
- 156 Class O meters (uncompensated LPG meters)
- 77 Class P meters (compensated LPG meters)
- FY 2025 package and price verification inspection hours: 76.75
- FY 2025 repair orders issued: 414, including:
  - 6 for Class A devices
  - 45 for Class B devices
  - 2 for Class D devices
  - 1 for Class E devices
  - 3 for Class I devices
  - 19 for Class J devices
  - 300 for Class L1 devices (fuel dispensers, low flow)
  - 30 for Class L2 devices (fuel dispensers, high flow)
  - 1 for Class M meters
  - 6 for Class O meters (uncompensated LPG meters)
  - 1 for Class P meters
- FY 2025 stop-use orders issued: 194, including:
  - 7 for Class A devices
  - 35 for Class B devices
  - 1 for Class D devices
  - 17 for Class I devices
  - 5 for Class J devices
  - 119 for Class L1 devices (fuel dispensers, low flow)
  - 6 for Class L2 devices (fuel dispensers, high flow)
  - 2 for Class M meters
  - 2 for Class O meters (uncompensated LPG meters)
- FY 2025 weights and measures consumer complaints: 75
  - 16 found valid