



June 4, 2024 Board Report

Division of Measurement Standards

Division Overview

Pending matters of significance

- Legislative Council Bureau (LCB) File No. R070-22 approved by the Legislative Commission.
 - Approval provides the authority to test Electric Vehicle Supply Equipment (EVSE) devices.
- Improved communication with ranchers, re: livestock scale testing.
 - Nevada Department of Agriculture (NDA) Public Information Officers (PIO) have sent out numerous messages designed to gather contact information.
 - 147 responses received as of May 10, 2024.
 - Measurement Standards will employ new procedures, including:
 - requesting contact information from those who haven't responded during inspections, if possible;
 - contacting licensees when previously scheduled inspections need to be rescheduled;
 - contacting licensees when scale repairs are necessary if ranch personnel were not on hand during inspection.
- 83rd Legislative Session (2025)
 - A Bill Draft Request (BDR) to update Nevada Revised Statute (NRS) Chapter 590 to account for changes and modernization of fuel station signage and labeling was submitted for review by the Governor's Office.
 - Industry will submit a BDR to make changes to the Petroleum Inspection Fee; written to not impact revenue.
 - Technology Investments (TIN) for new software system for Measurement Standards has passed first review; working with NDA Information Technology & Services (ITS).

Program Updates

Metrology

- The lab participated in their biennial National Voluntary Laboratory Accreditation Program (NVLAP) onsite assessment for the renewal of their accreditation, March 27-29, 2024.
 - The lab's model for continual improvement was shown in this assessment as the number of non-conformities dropped from six (6) in 2022 to three (3) this year.
 - The NVLAP assessor also witnessed and approved the lab's request to broaden its scope to include gravimetric calibrations up to 100 gallons.
- Attended 2024 Western Regional Assurance Program (WRAP) meeting in Honolulu, HI, May 7-9, 2024
 - National Institute of Standards and Technology (NIST) Handbook 143 requires annual attendance at the regional training meeting and is

conducted by the NIST Laboratory Metrology Program, Office of Weights and Measures (OWM).

- The focus of this year's continuing education (CE) training includes upcoming changes to standards, review of proficiency testing for the region, and volumetric calibrations.
- Program metric as of May 6, 2024:
 - Fiscal Year (FY) 2024 total items calibrated: 1450 (351 since February 14, 2024).

Petroleum Technology

- Participated in the Western States Petroleum Collaborative Meeting
 - Regional group of state emergency management, petroleum, and energy personnel.
 - Support for Essential Support Function 12 (ESF-12), which works to maintain or restore energy systems when damaged or during times of emergency.
- Program metrics as of May 9, 2024:
 - FY24 total fuel samples tested: 2616 (922 since February 12, 2024).
 - 1984 gasoline samples, including 1 E15 sample;
 - 617 diesel samples;
 - 13 flex fuel samples;
 - 1 kerosine sample;
 - 1 jet fuel sample.
 - FY24 fuel sample failures: 139 (36 since February 12, 2024).
 - 62 gasoline samples, most for vapor pressure above max allowed.
 - 77 diesel samples, most for flashpoint below minimum allowed.
 - FY24 fuel quality consumer complaints: 17 (8 since February 12, 2024).
 - 3 found valid
 - FY24 fuel price accuracy consumer complaints: 18 (11 since February 12, 2024).
 - 6 found valid

Weights and Measures

- Several of the specialty trucks previously approved for purchase by the Interim Finance Committee (IFC) were to be built in May 2024.
- The request for bids opened and closed for the large capacity weight truck; hoping for delivery in the summer 2024.
- The new skid steer tractor for livestock scale inspections has been delivered to the Elko office and will be used when inspections begin.
- Personnel:
 - Opening in Elko for a Weights & Measures Inspector II/I.
 - Opening in Las Vegas for a Weights & Measures Inspector III.
 - Sparks Weights & Measures Inspector I tested for and received his Commercial Driver's License (CDL) endorsement.
- Program metrics as of May 10, 2024:
 - FY24 devices inspected: 37,645 (12,954 since January 31, 2024), including:
 - 1,513 Class A devices;

- 8,987 Class B devices;
- 117 Class C devices;
- 613 Class D devices;
- 28 Class E devices;
- 12 Class G devices;
- 121 Class H devices;
- 282 Class I devices;
- 275 Class J devices;
- 372 Class K linear devices;
- 24,095 Class L1 devices (fuel dispensers, low flow);
- 278 Class L2 devices (fuel dispensers, high flow);
- 290 Class M meters;
- 373 Class N meters;
- 196 Class O meters (uncompensated LPG meters);
- 93 Class P meters (compensated LPG meters).
- FY24 package and price verification inspection hours: 166.00 (25.50 since January 31, 2024).
- FY24 repair orders issued: 930 (261 since January 31, 2024) including:
 - 15 for Class A devices;
 - 89 for Class B devices;
 - 2 for Class C devices;
 - 14 for Class D devices;
 - 1 for Class E device;
 - 9 for Class I devices;
 - 13 for Class J devices;
 - 8 for Class K linear devices; 717 for Class L1 devices (fuel dispensers, low flow);
 - 11 for Class L2 devices (fuel dispensers, high flow);
 - 5 for Class M meters; 1 for Class N meter;
 - 14 for Class O meters (uncompensated LPG meters);
 - 1 for Class P meter (compensated LPG meters).
- FY24 stop-use orders issued: 413 (105 since January 31, 2024) including:
 - 20 for Class A devices;
 - 108 for Class B devices;
 - 37 for Class D devices;
 - 18 for Class I devices;
 - 6 for Class J devices;
 - 4 for Class K linear devices;
 - 188 for Class L1 devices (fuel dispensers, low flow);
 - 10 for Class L2 devices (fuel dispensers, high flow);
 - 3 for Class M meters;
 - 8 for Class O meters (uncompensated LPG meters);
 - 3 for Class P meters (compensated LPG meters)
- FY24 weights and measures consumer complaints: 56 (19 since January 31, 2024).
 - 14 found valid