

**APPROVED REGULATION OF THE
STATE SEALER OF MEASUREMENT STANDARDS**

LCB File No. R070-22

Filed April 19, 2024

EXPLANATION – Matter in *italics* is new; matter in brackets ~~omitted material~~ is material to be omitted.

AUTHORITY: §§ 1-3 and 6-8, NRS 581.050 and 581.067; § 4, NRS 581.050, 581.067 and 581.075; § 5, NRS 581.050, 581.065 and 581.067.

A REGULATION relating to measurement standards; adopting by reference certain publications; updating certain information relating to obtaining or purchasing certain standards adopted by reference; revising certain fees charged for inspections and testing of certain weighing or measuring devices; revising the calculation of certain fees charged for travel to and time spent inspecting and testing certain devices and commodities; revising requirements related to the certificate of conformance for certain weighing or measuring devices; revising the certification requirements and schedule for certain standards; revising the notification requirement for a person who installs or repairs certain devices; and providing other matters properly relating thereto.

Legislative Counsel's Digest:

Existing law requires the State Sealer of Measurement Standards to adopt regulations establishing primary and secondary standards for weights and measures for use in this State. (NRS 581.067) Existing regulations adopt by reference such primary and secondary standards. (NAC 581.009-581.050) **Section 1** of this regulation adopts by reference the *National Conference of Weights and Measures Publication 14*. **Sections 2 and 3** of this regulation revise where certain standards that have been adopted by reference can be obtained and how they may be purchased. **Section 3** also eliminates the adoption by reference of the Uniform Open Dating Regulation, as set forth in the *National Institute of Standards and Technology Handbook 130: Uniform Laws and Regulations*.

Existing law requires the State Sealer of Measurement Standards to conduct various inspections and tests. (NRS 581.067) Existing law also authorizes the State Sealer of Measurement Standards to establish a schedule of fees for any necessary tests of weighing and measuring devices and existing regulations establish such fees. (NRS 581.075; NAC 581.210, 581.220) **Section 4** of this regulation increases the fees for various inspections and tests of certain scale devices, linear devices and meter devices. Existing regulations authorize the State Sealer of Consumer Equitability to enter an agreement with the owner or operator of a standard or device to determine the fee charged for testing devices or standards not listed on the schedule

of fees, testing standards from out of State or testing which requires special arrangements. (NAC 581.220) **Section 5** of this regulation removes the authorization for the State Sealer of Measurement Standards to enter into an agreement about the fee charged for testing out of State standards.

Existing regulations require weighing or measuring devices and certain accessories to have a certificate of conformance. Existing regulations also authorize the use of certain types which have not been issued a certificate of conformance if the type was in use before January 2, 1995, and subsequently passes certain tests. (NAC 581.230) **Section 6** of this regulation requires weighing or measuring devices and certain accessories to be traceable to an active certificate of conformance. **Section 6** also authorizes the use of types that are not traceable to an active certificate of compliance if the type was in use before January 2, 1995, and subsequently passes certain tests or the type does not have the evaluation procedures published in the *National Conference on Weights and Measures, Publication 14* or the type is a one-of-a-kind device without a National Type Evaluation pending inspection and performance. **Section 6** defines “type” to mean a model of a particular system of measurement that positively identifies the design. **Section 6** also defines a “participating laboratory” as a laboratory authorized to conduct certain type evaluations and “one-of-a-kind device” as a device designed to meet unique demands which is not commercially available.

Existing regulations require the standards used by a service agency or serviceperson to be certified in accordance with a schedule. (NAC 581.350) **Section 7** of this regulation revises the standards that must be certified and the schedule for certification.

Existing regulations require a person who installs or makes repairs or adjustments to weighing or measuring equipment to notify the State Sealer of Consumer Equitability of the installation or repair within 24 hours and submit a written notification to the State Sealer of Consumer Equitability within 5 days. (NAC 581.370) **Section 8** of this regulation eliminates the requirement that notification of repair or adjustment to measuring equipment be made within 24 hours, but maintains the requirement that a person who installs or makes repairs or adjustments to weighing or measuring equipment submit written notification to the State Sealer of Measurement Standards within 5 days if the device is used for commercial purposes.

Section 1. Chapter 581 of NAC is hereby amended by adding thereto a new section to read as follows:

1. The State Sealer of Measurement Standards hereby adopts by reference:

(a) The “Administrative Policy”;

(b) The “Grain Moisture Meters and Near-Infrared Grain Analyzers”;

(c) The “Measuring Devices”; and

(d) The “Weighing Devices,”

↪ as set forth in the National Conference on Weights and Measures Publication 14, 2024 edition, and any subsequent revision of that portion of the publication that has been approved by the State Sealer of Measurement Standards for use in this State. Each revision of that portion of the publication shall be deemed approved by the State Sealer of Measurement Standards unless he or she disapproves of the revision within 60 days after the date of publication of the revision by the National Conference on Weights and Measures.

2. The State Sealer of Measurement Standards will review each revision to ensure its suitability for this State and file a copy of each revision he or she approves with the Secretary of State and the State Library, Archives and Public Records Administrator. The most recent revision that has been approved by the State Sealer of Measurement Standards:

(a) Will be available for inspection at the main office of the Department, 405 South 21st Street, Sparks, Nevada 89431, or at one of the district offices located at 2300 E. St. Louis Avenue, Las Vegas, Nevada 89104 or 4780 East Idaho Street, Elko, Nevada 89801-4762; or

(b) May be purchased by mail from the National Conference on Weights and Measures, 9011 South 83rd Street, Lincoln, Nebraska 68516, by telephone at (402) 434-4880 or at <https://www.ncwm.com/publications>, for the price of \$270.

Sec. 2. NAC 581.009 is hereby amended to read as follows:

581.009 1. The State Sealer of ~~{Consumer-Equitability}~~ *Measurement Standards* hereby adopts by reference the National Institute of Standards and Technology 105-Series Handbooks and Training Materials, as those publications existed on January 1, 2003, and any subsequent revision to those publications issued by the National Institute of Standards and Technology, which has been approved by the State Sealer of ~~{Consumer-Equitability}~~ *Measurement Standards* for use in this State. Each new revision shall be deemed approved by the State Sealer

of ~~{Consumer Equitability}~~ *Measurement Standards* unless he or she disapproves the revision within 60 days after the date of publication by the National Institute of Standards and Technology.

2. The State Sealer of ~~{Consumer Equitability}~~ *Measurement Standards* will review each revision issued after January 1, 2003, to ensure its suitability for this State and file a copy of each revision he or she approves with the Secretary of State and the State Library, Archives and Public Records Administrator. The most recent revision that has been approved by the State Sealer of ~~{Consumer Equitability}~~ *Measurement Standards*:

(a) Will be available for inspection at the *main* office of the ~~{Bureau of Weights and Measures, Division of Consumer Equitability}~~ *Department*, 405 South 21st Street, Sparks, Nevada 89431 ~~{-or-}~~, *or at one of the district offices located at 2300 E. St. Louis Avenue, Las Vegas, Nevada 89104 or 4780 East Idaho Street, Elko, Nevada 89801-4762;*

(b) *May be obtained free of charge from the National Institute of Standards and Technology Office of Weights and Measures, 100 Bureau Drive, Gaithersburg, Maryland 20899; or*

(c) May be accessed free of charge at ~~{<https://www.nist.gov/pml/weights-and-measures/publications/nist-handbooks/other-nist-handbooks/other-nist-handbooks-2>}~~
<https://www.nist.gov/pml/weights-and-measures/publications>.

Sec. 3. NAC 581.030 is hereby amended to read as follows:

581.030 1. The State Sealer of ~~{Consumer Equitability}~~ *Measurement Standards* hereby adopts by reference:

- (a) The “Examination Procedure for Price Verification”;
- (b) The “Uniform Packaging and Labeling Regulation”;

(c) The “Uniform Regulation for the Method of Sale of Commodities”;

(d) The “Uniform Unit Pricing Regulation”;

(e) Sections 2 to 11, inclusive, of the “Uniform Regulation of Voluntary Registration of Servicepersons and Service Agencies for Commercial Weighing and Measuring Devices”; *and*

(f) ~~The “Uniform Open Dating Regulation”;~~ *and*

~~—(g)—~~ The “Uniform Regulation for National Type Evaluation,”

↪ as set forth in the *National Institute of Standards and Technology Handbook 130: Uniform Laws and Regulations*, 2003 edition, and any subsequent revision of that portion of the publication that has been approved by the State Sealer of ~~{Consumer Equitability}~~ *Measurement Standards* for use in this State. Each revision of that portion of the publication shall be deemed approved by the State Sealer of ~~{Consumer Equitability}~~ *Measurement Standards* unless he or she disapproves of the revision within 60 days after the date of publication of the revision by the National Institute of Standards and Technology.

2. The State Sealer of ~~{Consumer Equitability}~~ *Measurement Standards* will review each revision to ensure its suitability for this State and file a copy of each revision he or she approves with the Secretary of State and the State Library, Archives and Public Records Administrator. The most recent revision that has been approved by the State Sealer of ~~{Consumer Equitability}~~ *Measurement Standards*:

(a) Will be available for inspection at the *main* office of the ~~{Division of Consumer Equitability}~~ *Department*, 405 South 21st Street, Sparks, Nevada 89431 ~~{ }~~, *or at one of the district offices located at 2300 E. St. Louis Avenue, Las Vegas, Nevada 89104 or 4780 East Idaho Street, Elko, Nevada 89801-4762;*

(b) May be accessed free of charge at <https://www.nist.gov/pml/weights-and-measures/publications>; or

(c) May be purchased by mail from the National Conference on Weights and Measures, ~~{1135 M Street, Suite 110,}~~ *9011 South 83rd Street*, Lincoln, Nebraska ~~{68508,}~~ *68516*, or by telephone at (402) 434-4880, for the price of \$40.

3. A violation of any provision of that portion of the publication adopted by reference in subsection 1 shall be deemed a violation of this chapter.

Sec. 4. NAC 581.210 is hereby amended to read as follows:

581.210 1. The inspections, tests and services for which fees will be charged pursuant to this section include, without limitation:

(a) A reinspection or retest of:

(1) A device found to not be in compliance during an inspection or test conducted pursuant to subsection 2, 7, 10, 11, 12, 13 or 23 of NRS 581.067 and for which a notice or order stating “repair,” “stop-use,” “hold,” “out of order” or some other such notice or order was issued by the State Sealer of ~~{Consumer Equitability;}~~ *Measurement Standards;*

(2) A packaged commodity found to not be in compliance during an inspection or test conducted pursuant to subsection 15 of NRS 581.067 and for which an order stating “hold” or “stop-use” or some other such order was issued by the State Sealer of ~~{Consumer Equitability;}~~ *Measurement Standards;*

(3) A commodity for which the method of sale was found to not be in compliance during an inspection or test conducted pursuant to subsection 16 of NRS 581.067 and for which an order stating “hold” or some other such order was issued by the State Sealer of ~~{Consumer Equitability; or}~~ *Measurement Standards;*

(4) A commodity for which the advertised price was found to not be in compliance during an inspection or test conducted pursuant to subsection 19 of NRS 581.067 and for which an order stating “hold” or some other such order was issued by the State Sealer of ~~Consumer~~ *Equitability*; *Measurement Standards*; or

(5) A point-of-sale system or cash register found to not be in compliance during a test conducted pursuant to subsection 20 of NRS 581.067.

↪ If, upon the arrival of the inspector during normal business hours, a reinspection or retest described in subparagraphs (1) to (5), inclusive, cannot be performed for any reason which is not the fault of the Division or the inspector, any fee which would have been charged for the reinspection or retest remains due.

(b) A trip to inspect or test a device which was not available or ready for inspection or testing at the time:

(1) Of a routine inspection or test conducted on any commercial premises during normal business hours pursuant to subsection 11 of NRS 581.067; or

(2) Scheduled for a special trip to inspect or test a device.

(c) An inspection or test requested for a device if a special trip is required to perform the inspection or test. If, upon the arrival of the inspector, the inspection or test scheduled for the device cannot be performed for any reason which is not the fault of the Division or the inspector, any fee which would have been charged for that inspection or test remains due.

(d) A test requested for a noncommercial device.

(e) A calibration according to industrial standards of weights and measures.

(f) An adjustment of a commercial weighing and measuring equipment or cannabis weighing and measuring equipment immediately following a determination of noncompliance during a test conducted by the Division.

2. The fees for inspections and tests of devices conducted by the Division pursuant to this section are:

(a) For scale devices:

500 pounds and under tested with a Class F, Echelon III weight kit	\$32
500 pounds and under tested with a Class II, Echelon II weight kit	45 60
Over 500 pounds through 2,000 pounds.....	90
Over 2,000 pounds through 5,000 pounds.....	240
Over 5,000 pounds through 30,000 pounds.....	420
Over 30,000 pounds.....	450
Hopper, 5,000 pounds and under.....	600
Hopper, over 5,000 pounds	750

(b) For linear devices 42

(c) For meter devices:

Dispenser, hose, meter or octane grade tested with a 5-gallon prover	30
Dispenser tested with a prover larger than 5 gallons.....	222
Truck- or rack-mounted meter, rated to a maximum capacity of up to 120 gallons per minute.....	222
Truck- or rack-mounted meter, rated to a maximum capacity of over 120 gallons per minute.....	420
Nontemperature-compensated meter used to measure liquid	222

petroleum gas.....	
Temperature-compensated meter used to measure liquid petroleum	
gas	450
(d) For standards of mass, volume or length, per hour:	
For certification of standards for use in testing commercial weighing	
and measuring equipment or cannabis weighing and measuring	
equipment for a service agency or serviceperson <i>registered in</i>	
<i>accordance with the provisions of NAC 581.330</i>	175 95
For certification of standards for use in testing a noncommercial	
device <i>by any person other than those registered in accordance</i>	
<i>with the provisions of NAC 581.330</i>	195 115
(e) For point-of-sale systems and cash registers not in compliance:	
For not more than five point-of-sale systems or cash registers	50
For six or more point-of-sale systems or cash registers	125
3. The fees for reinspecting or retesting commercial weighing and measuring equipment	
or cannabis weighing and measuring equipment which has been repaired or adjusted following	
a determination of noncompliance pursuant to subsection 1 and for which no follow-up trip is	
required to perform the reinspection or retest are:	
(a) For scale devices:	
500 pounds and under tested with a Class F, Echelon III weight kit.....	\$16
500 pounds and under tested with a Class II, Echelon II weight kit	23
Over 500 pounds through 2,000 pounds.....	45
Over 2,000 pounds through 5,000 pounds.....	120

Over 5,000 pounds through 30,000 pounds.....	210
Over 30,000 pounds.....	250
Hopper, 5,000 pounds and under.....	300
Hopper, over 5,000 pounds.....	375
(b) For linear devices.....	21
(c) For meter devices:	
Dispenser, hose, meter or octane grade tested with a 5-gallon prover	15
Dispenser tested with a prover larger than 5 gallons.....	111
Truck- or rack-mounted meter, rated to a maximum capacity of up to 120 gallons per minute.....	111
Truck- or rack-mounted meter, rated to a maximum capacity of over 120 gallons per minute.....	210
Nontemperature-compensated meter used to measure liquid petroleum gas	111
Temperature-compensated meter used to measure liquid petroleum gas	225

4. The fee for each 15-minute time period, or portion thereof, required to witness an inspection or test of a device which is not conducted by the Division or the State Sealer of

~~Consumer Equitability~~ *Measurement Standards* is \$15.

5. The fee for each 15-minute time period, or portion thereof, required to conduct a reinspection or retest of labels, packaged commodities, advertised prices or commodity methods of sale is \$15.

6. Failure to pay a fee required pursuant to this section by the due date indicated on the bill, which must not be less than 30 days after the bill is issued by the Division, is a violation of this section and the Division will, in addition to any civil penalty that may be imposed pursuant to NAC 581.260, impose a late fee equal to 10 percent of the amount of the fee that is paid late.

7. As used in this section, “special trip” includes, without limitation, the inspection or testing of licensed commercial weighing and measuring equipment or cannabis weighing and measuring equipment at a time scheduled specifically for the convenience of the owner of such devices.

Sec. 5. NAC 581.220 is hereby amended to read as follows:

581.220 1. In addition to the fees prescribed in NAC 581.210, the following fees will be charged for an inspection or test conducted during a special trip except as otherwise provided in this section:

- (a) For each 15-minute period, or portion thereof, for inspecting or testing a device or commodity above the time normally required to perform that test.....\$15
- (b) For mileage, per mile for:
 - Pickup truck.....1
 - Petroleum prover truck.....3
 - Test truck for scale devices over 2,000 pounds.....4
- (c) For each 15-minute period, or portion thereof, of required travel of the inspector, in addition to the fees specified in paragraph (b).....15
- (d) For the per diem of the inspector, the amounts allowed by law for state employees, under conditions set by the Division.

2. The fees for mileage, travel and per diem will be prorated among persons requiring inspections or tests of devices or commodities in the same area if all the devices or commodities can be inspected or tested during the same trip.

3. Only the fee prescribed by NAC 581.210 for an inspection or test of a device or commodity will be charged if the inspection or test can be made during a scheduled trip for other inspections or tests in the vicinity.

4. The amount of charges for:

(a) The testing of devices or standards not listed on the schedule of fees; *or*

(b) ~~{Testing of standards from out of State; or~~

~~—(c)}~~ Testing which requires special arrangements or conditions,

↪ will be determined by agreement between the State Sealer of ~~{Consumer-Equitability}~~ *Measurement Standards* and the owner or operator of the device or standard to be tested.

5. Failure to pay a fee required pursuant to this section by the due date indicated on the bill for the fee, which must be not less than 30 days after the bill is issued by the Division, is a violation of this section and the Division will, in addition to any civil penalty that may be imposed pursuant to NAC 581.260, impose a late fee equal to 10 percent of the amount of the fee that is paid late.

6. As used in this section, “special trip” includes, without limitation, the inspection or testing of licensed commercial weighing and measuring equipment or cannabis weighing and measuring equipment at a time scheduled specifically for the convenience of the owner of such devices.

Sec. 6. NAC 581.230 is hereby amended to read as follows:

581.230 1. Except as otherwise provided in subsection 2, before use for a commercial or governmental purpose, a type of:

(a) Weighing or measuring device kept or used in:

(1) Proving the size, quantity, extent, area, count or measurement of quantities, things, produce or articles for distribution or consumption, which are purchased, offered or submitted for sale, hire or award;

(2) Computing a basic charge or payment for services rendered on the basis of weight and measure; or

(3) Determining weight or measure when a charge is made for the determination;

(b) Accessory attached to or used in connection with a commercial weighing or measuring device which is designed so that its operation affects the *metrological* accuracy of the device; and

(c) Weighing and measuring device in official use for law enforcement or the collection of statistical information by a governmental agency,

↪ must ~~have been issued a~~ *be traceable to an active* certificate of conformance. *If the device consists of separate and compatible main elements, each main element must be traceable to an active certificate of conformance.*

2. The State Sealer of ~~Consumer Equitability~~ *Measurement Standards* will authorize the use of a type which ~~has~~ *is* not ~~been issued a~~ *traceable to an active* certificate of conformance if the type:

(a) Was in use before January 2, 1995 , ~~it~~ and

~~it~~ *subsequently* passes the applicable tests for tolerance ~~it~~ ;

(b) Does not have evaluation procedures published in the National Conference on Weights and Measures, Publication 14; or

(c) Is a one-of-a-kind device without a National Type Evaluation pending inspection and performance testing to satisfy that the device complies with the National Institute of Standards and Technology Handbook 44 and is capable of performing within such requirements for a reasonable period of time under normal conditions of use. Indicators and load cells in all one-of-a-kind device scale installations must have an active certificate of conformance as evidence that the system meets the applicable influence factor requirements as specified in the National Institute of Standards and Technology Handbook 44.

3. As used in this section:

(a) “Certificate of conformance” means a document issued *based upon testing* by *a participating laboratory which the certificate holder maintains in active status under* the National ~~Institute of Standards and Technology of the United States Department of Commerce,~~ *Type Evaluation Program of the National Conference on Weights and Measures*, which ~~guarantees~~ *constitutes evidence* that a weight, measure or weighing or measuring device meets the standards set forth in the *National Institute of Standards and Technology Handbook 44* ~~†~~ *and the test procedures contained in the National Conference on Weights and Measures Publication 14.*

(b) “One-of-a-kind device” means *a device designed to meet unique demands for a specific installation and of a specific design which is not commercially available.*

(c) “Participating laboratory” means *any laboratory that has been authorized to conduct a type evaluation under the National Type Evaluation Program of the National Conference on Weights and Measures.*

(d) “Type” means a model of a particular system of measurement, instrument or element ~~for a field reference standard which~~ *that* positively identifies the design. *A specific type may vary in its measurement ranges, size, performance and operating characteristics as specified in the certificate of conformance.*

Sec. 7. NAC 581.350 is hereby amended to read as follows:

581.350 The standards used by a service agency or serviceperson to repair or adjust a weighing or measuring device must be certified by a laboratory that has been qualified by the National Institute of Standards and Technology to certify such standards or the State Sealer of ~~Consumer Equitability~~ *Measurement Standards* according to the following schedule:

Standards for measuring mass..... Every 2 years

~~Standards~~ *Handheld or portable standards* for measuring

volume *from 1 gallon up to 5 gallons* Annually

~~Standards~~ *Mounted standards* for proving volume *from 5*

gallons up to 100 gallons..... Every ~~5~~ 2 years

Mounted standards for proving volume from 101 gallons up to

1000 gallons..... *Every 4 years*

Any other standards As prescribed by the State

Sealer of ~~Consumer~~

~~Equitability~~ *Measurement Standards*

Sec. 8. NAC 581.370 is hereby amended to read as follows:

581.370 A person who installs or makes a repair or adjustment to commercial weighing or measuring equipment or cannabis weighing and measuring equipment *used as commercial weighing or measuring equipment* shall ~~+~~

~~—1. Within 24 hours after installing the equipment or making the repair or adjustment to the equipment, notify the State Sealer of Measurement Standards by oral communication that the equipment has been installed or that the repair or adjustment has been made; and~~

~~—2. Within~~, *within* 5 days after installing the equipment or making the repair or adjustment to the equipment, submit to the State Sealer of Measurement Standards a written notification of the installation, repair or adjustment on a form prescribed by the State Sealer of Measurement Standards.