CHAPTER 98
WEIGHTS AND MEASURES

98.01 Definitions. As used in this chapter, unless the context requires otherwise:

(1) “Incorrect” as applied to weights and measures and commodities includes any failure to comply with the requirements of this chapter or rules issued thereunder.

(2) “Inspector” means a state inspector of weights and measures.

(3) “Municipality” means a city or village.

(4) “Sealer” and “deputy sealer” means a sealer of weights and measures and deputy sealer of weights and measures of a municipality, respectively.

(5) “Sell”, “sale” and “sold” include barter or exchange, and any offering or exposing for sale or possession with intent to sell.

(6) “Weight” means net weight when used in reference to a commodity.

(7) “Weights and measures” means weights and measures of every kind, instruments and devices for weighing and measuring, and any appliances and accessories used with any or all such instruments and devices, except meters for the measurement of electricity, gas (natural and manufactured) or water when the same are operated in a public utility system.

History: 1983 a. 189.

98.02 Systems of weights and measures; special units. (1) The system of weights and measures in customary use in the United States or the metric system of weights and measures shall be the only systems used for commercial purposes in this state. The definitions of basic units of weight and measure, the tables of weight and measure, and weights and measures equivalents, published by the national institute of standards and technology, shall govern weighing and measuring equipment and transactions in this state.

(2) The term “barrel”, when used in connection with fermented malt beverages, means a unit of 31 gallons. The term “ton” means a unit of 2,000 pounds avoirdupois weight. The term “cord”, when used in connection with wood intended for fuel purposes, means the amount of wood that is contained in a space of 128 cubic feet when the wood is ranked and well stowed.


98.03 State standards; specifications and tolerances. (1) Weights and measures obtained by the state as standards and certified for use as such by the national institute of standards and technology shall be the state standards of weight and measure. They shall be in the custody of the department and shall be used only for verification of other standards.

(2) The department may issue rules governing the construction, installation and use of commercial weights and measures and prescribing tolerances therefor. The specifications, tolerances and regulations for commercial weighing and measuring devices issued by the national institute of standards and technology shall apply in this state except as modified by such rules.

History: 1989 a. 165.

98.04 Municipalities. (1) Each municipality having a population of more than 5,000, according to the latest federal census, shall enforce the provisions of this chapter within its jurisdiction. For this purpose it shall establish a municipal department of weights and measures. Each municipal department of weights and measures shall have such number of qualified sealers or inspectors as will ensure compliance with this chapter. Municipal sealers or inspectors shall have the same authority as sealers or inspectors of the department. The selection of municipal sealers or inspectors shall be from a list of applicants whose qualifications have been certified by the state or local civil service agency under the rules of the agency. Such municipality shall procure and keep at all times a complete set of standards of weight and measure conforming to the state standards, and such standards shall be submitted for certification at regular intervals as required by the department. It shall keep a complete record of its work and annually file a report thereof with the department. Municipalities may enact ordinances regulating weights and measures not in conflict with this chapter or the rules of the department and may assess fees which do not exceed the actual cost of the municipal weights and measures program.


98.05 Enforcement authority; measurement center laboratory. (1) There is hereby conferred upon sealers and inspectors of weights and measures, police power; such sealers and inspectors shall be provided with suitable badges or insignia of authority and in the exercise of their functions shall exhibit the same, upon demand, to any person questioning their powers, and they are hereby empowered and authorized to make arrests, with or without formal warrant, of any persons violating any statute relating to weights and measures.
(2) Sealers or inspectors may enter and go into or upon any structure or premises, and may stop any person or vehicle for the purpose of enforcing this chapter. They shall inspect and test any weights and measures or commodities which are sold or used commercially as often as necessary to secure compliance with this chapter, and may seize as evidence, or reject and mark or tag as “rejected” those which are incorrect. A representative sample may be used as the basis to determine whether any lot is incorrect.

(3) Weights and measures and commodities that have been rejected may be confiscated and destroyed by a sealer or inspector if not corrected within 30 days or such longer period as the sealer or inspector may authorize, or if used or disposed of without the sealer’s or inspector’s written authorization.

(4) Sealers or inspectors may seal or mark with appropriate devices such weights and measures as are found upon inspection and test to be in conformance with this chapter.

(5) The department shall:

(a) Establish and maintain a measurement center laboratory for the testing and calibration of weights and measures; and

(b) Fix and collect charges sufficient to cover the cost for the testing and calibration done in the measurement center laboratory.

History: 1993 a. 16, 492.

98.06 Method of sale of commodities. (1) Commodities in liquid form shall be sold by liquid measure and commodities not in liquid form shall be sold by weight but liquid commodities may be sold by weight and commodities not in liquid form may be sold by count or measure if such methods are in general use and give accurate information as to the quantity of commodity sold.

(2) (a) Berries and small fruits may be sold by measure only if in containers having capacities of one-half dry pint, one dry pint or one dry quart.

(b) If a commodity is packaged in an aerosol container, it shall be sold by weight (including the propellant).

(3) This section shall not apply to commodities sold in compliance with a state or federal law which prescribes another method of sale, or to commodities sold for immediate consumption on the premises where sold.

98.07 Declaration of quantity. (1) No commodity which is marked, tagged or labeled, or for which a sign is displayed, with a selling price, shall be sold unless the weight, measure or count of the commodity is conspicuously declared on the commodity or its tag, label or sign, but a declaration of count is not required if the selling price is for a single unit, or a set or combination of commodities customarily sold to and understood by consumers as a single unit, or if the commodity is packaged prior to sale and the package contains 6 units or less which can be easily counted without opening the package.

(2) No commodity shall be wrapped or its container made, formed or filled so as to mislead the purchaser; nor shall the qualifying term “when packed”, or the terms “jumbo”, “giant” or “full”, or words of similar import that tend to mislead the purchaser as to the amount of the commodity, be used in connection with a declaration of quantity.

(3) With respect to commodities packaged prior to sale, the department shall issue rules permitting reasonable variations from declared quantity which unavoidably occur in good packaging and distribution practices.

(4) In order to prevent consumer deception, the department shall prescribe, by rule, standards for determining and declaring weight, measure or count, including the conspicuousness of quantity declarations.

History: 1975 c. 308.

98.08 Price refunds; price information. (1) A person who uses an electronic scanner to record the price of a commodity or thing and who sells the commodity or thing at a price higher than the posted or advertised price of that commodity or thing at least shall refund to a person who purchases the commodity or thing the difference between the posted or advertised price of the commodity or thing and the price charged at the time of sale.

(2) A person who sells a commodity or thing and who uses an electronic scanner to record the price of that commodity or thing shall display, in a conspicuous manner, a sign stating the requirements of sub. (1).

History: 1995 a. 319.

98.12 Standard containers; frozen desserts. Ice cream, ice milk, water ices or other frozen desserts of a similar nature packaged prior to sale may be sold by liquid measure only and shall be packaged only in containers with capacities of one-half liquid pint, one liquid pint, one liquid quart, or a multiple of one liquid quart. This section does not apply if such products are packaged at the time of sale at retail or sold in quantities of less than one-half liquid pint.


98.13 Milk or cream tests; samples; patrons’ statement. (1) The Babcock or other extraction tests shall be used to determine the milk fat content of milk or cream purchased by or sold to dairy producers, but the department may issue rules permitting the use of other methods or devices for testing and determining such milk fat content.

(2) Each sample used for testing shall be representative of the milk or cream from which taken. Composite samples shall consist of representative samples taken during a period not exceeding 16 consecutive days. The unused portion of tested samples shall be retained not less than 5 days after testing to enable retesting by the department.

(3) All purchasers of milk or cream from the producer, when using such milk fat tests to determine the value of any milk or cream received or bought by such purchaser, shall, when paying for such milk or cream, include an itemized statement to each patron showing the daily number of pounds of milk delivered, the total amount of butterfat content or test, transportation costs, and other charges and deductions for the period of time for which payment is made; except that the daily weights need not be shown on such statement if weight slips are furnished daily to producers.

(4) Whenever milk is sold under an agreement, express or implied, that the value of the same shall be determined by its proportion of butter fat, the price to be paid shall be based on a three and five-tenths per cent butter fat standard.

(5) To insure the accuracy of the milk fat tests prescribed herein the department shall issue rules governing the collection and care of samples, the conduct of tests and the keeping of test records.

98.14 Standardization of Babcock pipettes. (1) All bottles and pipettes used in measuring milk or milk products for making determination of the percent of fat in said milk or milk products shall have clearly blown or otherwise permanently marked in the side of the bottle or pipette the word “Sealed,” and in the side of the pipette or the side or bottom of the bottle the name, initials, or trademark of the manufacturer and the manufacturer’s designating number, which designating number shall be different for each manufacturer and may be used in identifying bottles. The designating number shall be furnished by the manufacturer upon application by the manufacturer and upon the filing by the manufacturer of a bond in the sum of one thousand dollars with sureties to be approved by the attorney general, conditioned upon conformance with the requirements of this section. A record of the bonds furnished, the designating number, and to whom furnished, shall be kept in the office of the department.

(2) Any manufacturer who sells Babcock milk, cream or butter test bottles or milk pipettes, to be used in this state, that do not comply with the provisions of this section shall suffer the penalty of five hundred dollars to be recovered by the attorney general in
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an action against the offender’s surety, to be brought in the name of the people of the state. No dealer shall use, for the purpose of determining the percent of milk fat in milk or milk products, any bottles or pipettes that do not comply with the provisions of this section relating thereto.

3. The department shall prescribe specifications with which the glassware mentioned in this section shall comply. The unit of graduation for all Babcock glassware shall be the true cubic centimeter or the weight of one gram of distilled water at four degrees centigrade.

4. Sealers of weights and measures are not required to seal Babcock milk, cream or butter test bottles or milk pipettes marked as in this section provided, but they shall from time to time make tests of individual bottles used by the various firms in the territory over which they have jurisdiction in order to ascertain whether the above provisions are being complied with and they shall report immediately to the department violations found.

History: 1993 a. 492.

98.145 Licensing of milk and cream testers. (1) To secure fair and accurate tests to producers and manufacturers for the determination of the basis of payment or for settlement for such milk or cream, or for the purpose of official inspection, or for the making of records of dairy production, persons making such milk fat tests shall be licensed by the department as herein provided.

2. No person may engage as a tester of milk or cream to determine its value for payment or for the purpose of official inspection or for records of dairy production for the purposes described above unless the person holds a license issued by the department; but no such license is required of a licensed cheesemaker or buttermaker. The license shall expire biennially on October 31 of the 2nd year commencing after the date of issuance or renewal. Each application for milk tester license or renewal thereof shall be accompanied by a fee of $50. Each application shall be made upon forms provided by the department. If the department conducts a reinspection of any milk or cream tested by a person licensed under this subsection due to any violation of any federal or state law which the department determines in a regularly scheduled inspection of that measurement, the department shall charge the holder of that license the reinspection fee required under sub. (4) for that reinspection.

3. No dairy plant shall receive any milk required to be weighed and sampled by a licensee under this section unless it has been so weighed and sampled.

4. The department may establish by rule the amount of license or reinspection fees required under sub. (2). Unless otherwise established by department rule, a license fee under sub. (2) is $40 and a reinspection fee under sub. (2) is $40.


98.15 False testing. (1) No person shall manipulate, underread or overread or make any false determination by the Babcock test or any other test used for determining the value of milk or cream. No person shall make any false record or report of the results of any such test.

2. A district attorney to whom any violation of this section is reported shall cause appropriate actions or proceedings to be instituted for the collection of a forfeiture or fine or for the enforcement of other remedies. In any enforcement action the court may, in addition to any other penalty provided, order restitution to any party injured by violation of this section. If the violator is convicted of a crime, restitution shall be in accordance with s. 973.20.


98.16 Licensing of vehicle scale operators. (1) Definitions. In this section:

(b) “Vehicle scale” means a commercial scale that is designed to weigh loaded or unloaded highway, farm or industrial vehicles, except that it does not include a scale that is operated exclusively by a governmental unit.

(2) License. (a) 1. Except as provided in subd. 2., a person may not operate a vehicle scale without a license from the department. A separate license is required for each scale. A license is not transferable between persons or scales. A license expires on December 31 annually. The department shall provide a license application form for persons applying for a license. The form may require information reasonably required by the department for licensing purposes. A license application shall be accompanied by applicable fees under pars. (b) and (c).

2. Subdivision 1. does not apply to a person who operates a vehicle scale only as an employee of a person who is required to hold a license to operate the scale under this paragraph.

(b) The fee for a license under par. (a) is $30, except that the department may establish a different fee by rule.

(c) An applicant for a license under par. (a) shall pay a license fee surcharge of $30 in addition to the license fee if the department determines that within one year prior to submitting the license application the applicant operated a vehicle scale without a license as required by par. (a). Payment of the license fee surcharge does not relieve the applicant of any other civil or criminal liability for the operation of a vehicle scale without a license but shall not constitute evidence of violation of a law.
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98.18 Installing and servicing weights and measures.  
(1) LICENSE.  (a) 1.  Except as provided in subd. 2., a person may not engage in the business of installing, servicing, testing or calibrating weights and measures without a license from the department.  A license expires on December 31 annually.  The department shall provide a license application for persons applying for a license.  The form may require information reasonably required by the department for licensing purposes.  A license application shall be accompanied by applicable fees under pars. (b) and (c).

2.  Subdivision 1.  does not apply to any of the following:
   a.  A person who installs, services, tests or calibrates weights and measures only as an employee of a person who is required under this paragraph to hold a license to perform those services.
   b.  An inspector or metrologist employed by this state, a county or a municipality to test or calibrate weights and measures.
   c.  The fee for a license under par. (a) is $100, except that the department may establish a different fee by rule.

(2) RULES.  The department may promulgate rules to establish license fees under sub. (1) (b) and to regulate the operation of vehicle scales.  The rules may include all of the following:
   a.  Standards for the construction and maintenance of vehicle scales.
   b.  Requirements for testing and certification of vehicle scales.
   c.  Requirements for record keeping and reporting related to the testing and certification of vehicle scales.

History: 1993 a. 16.

98.22 Bulk deliveries sold in terms of weight and delivered by vehicle.  (1) When a commodity in bulk is delivered by vehicle to an individual purchaser and the commodity is sold in terms of weight units, the delivery shall be accompanied by a duplicate delivery ticket with the following information clearly stated in ink or by means of other indelible marking equipment:
   a.  The name and address of the vendor.
   b.  The name and address of the purchaser.
   c.  The net weight of the delivery expressed in pounds.
   d.  The gross and tare weights of the delivery if the net weight of the delivery is derived from determination of gross and tare weights.

(2) Where milk is picked up at farms, only the identity of the vendor and the net weight need be stated.

(3) One of the duplicate delivery tickets required under sub. (1) shall be retained by the vendor, and the other shall be delivered to the purchaser at the time of delivery of the commodity, or shall be surrended, on demand to the inspector or sealer, who may retain it as evidence and issue a weight slip in lieu thereof for delivery to the purchaser.  If the purchaser carries away the purchase, the vendor shall be required only to give to the purchaser at the time of sale a delivery ticket stating the number of pounds of commodity delivered to the purchaser.  If the commodity is to be weighed by the purchaser, the purchaser shall furnish the vendor the duplicate delivery ticket provided for in this section.


98.225 Deliveries of certain liquid fuels.  (1) In this section, “liquid fuel” means gasoline, kerosene, fuel oil, diesel fuel or alternate fuels, as defined in s. 78.39 (1).

(2) No person may sell liquid fuel by liquid measure and deliver it by a vehicle equipped with a pump and metering device unless the pump and metering device is equipped with a delivery ticket printer.  Except as provided in sub. (3), the seller shall, at the time of delivery, either provide a copy of the delivery ticket printed by the delivery ticket printer to the purchaser or leave a copy at the place of delivery.  The delivery ticket shall contain all of the following information:
   a.  The name and address of the seller.
The name and address of the purchaser.
(c) A description of the liquid fuel delivered.
(d) The meter reading showing the volume of liquid fuel delivered.

(3) If there is a malfunction with the delivery ticket printer, the seller shall, at the time of delivery, either provide the purchaser or leave at the place of delivery the information required under sub. (2) in written form.

History: 1993 a. 234.

98.245 Liquefied petroleum gas sales. (1) SALES EXCEPT BY UNITS OF MEASUREMENT PROHIBITED. It is unlawful to sell or offer to sell at retail any liquefied petroleum gas except by avoirdupois weight, specified in pounds; liquid measure, specified in gallons; or vapor measure, specified in cubic feet, or other units as may be approved by the department.

(2) PACKAGES TO BEAR TARE WEIGHT. When liquefied petroleum gas is sold or offered for sale at retail by weight, in portable containers, the tare weight of the container shall be plainly and conspicuously marked on the outside of the container. Tare weight shall not be construed to include the valve protecting cap, which shall be removed when weighing. It is unlawful to sell or offer or expose for sale liquefied petroleum gas in packages or containers which do not bear a statement as to tare weight as required by this section, or which packages or containers bear a false statement as to tare weight, provided packages intended to be used only once and clearly marked with the statement “not refillable” are exempt from this tare weight requirement.

(3) REFILLING; CREDIT. When liquefied petroleum gas is sold by the package or container, either by a refilling of a container or an exchange of containers, the vendor shall give the purchaser full credit for the unused liquid remaining in a container being exchanged or refilled.

(4) CORRECTION TO TEMPERATURE OF VOLUME SOLD. (a) When liquefied petroleum gas is sold or delivered to a consumer as a liquid and by liquid measurement the volume of liquid so sold and delivered shall be corrected to a temperature of 60 degrees Fahrenheit through use of an approved volume correction factor table, or through use of an approved meter with sealed automatic compensating mechanism. All sale tickets shall show the delivered gallons, the temperature at the time of delivery and the corrected gallonage, or shall state that temperature correction was automatically made.

(b) When liquefied petroleum gas is sold or delivered to a consumer in vapor form by vapor measurement, the volume of vapor so sold and delivered shall be corrected to a temperature of 60 degrees Fahrenheit through the use of an approved meter equipped with a sealed automatic temperature compensating mechanism. This paragraph shall apply to all meters installed for use in the vapor measurement of liquefied petroleum gas in vapor form after May 24, 1978. This paragraph does not prohibit the continued use of meters previously installed without a self-sealing automatic temperature compensating mechanism, but no such meter may be continued in use after January 1, 1986, unless brought into compliance with this paragraph.

(5) SALES TICKETS TO SHOW QUANTITY SOLD. Sales tickets or invoices shall show the quantity of liquefied petroleum gas sold, expressed in pounds, or gallons as set forth in sub. (4), or cubic feet, or other unit approved by the department. When vapor meters reading in approved units other than cubic feet are used, the invoice shall clearly indicate to the purchaser a factor to convert to cubic feet.

(6) PUMP AND METERING DEVICES. (a) No person may sell liquefied petroleum gas and deliver it by a vehicle equipped with a pump and metering device unless the pump and metering device is equipped with a delivery ticket printer. Except as provided in par. (b), the seller shall, at the time of delivery, either provide a copy of the delivery ticket printed by the delivery ticket printer to the purchaser or leave a copy at the place of delivery. The delivery ticket shall contain all of the following information:

1. The name and address of the seller.
2. The name and address of the purchaser.
3. The meter reading showing the volume of liquefied petroleum gas delivered.

(b) If there is a malfunction with the delivery ticket printer, the seller shall, at the time of delivery, either provide the purchaser or leave at the place of delivery the information required under par. (a) in written form.


98.246 Petroleum product sales. (1) In this section, “petroleum products” has the meaning given under s. 168.03.

(2) Petroleum products may not be sold from a terminal or storage facility in this state on any basis other than gross volume without correction for temperature.

History: 1983 a. 251.

98.25 Vehicle scales: annual testing. (1) The owner or operator of a scale with a weighing capacity of 5,000 pounds or more used for the commercial weighing of commodities shall cause the scales to be tested and inspected annually for accuracy by an independent scale testing or service company in accordance with specifications, tolerances, standards and procedures established by the national institute of standards and technology and the department for the testing and examination of scales, using test weights approved by the department. The annual tests and inspections shall be at the expense of the owner or operator.

(2) A scale testing or service company conducting a test under sub. (1) shall, at the time of testing and inspection, promptly furnish to the owner or operator of the scale a report showing the results of the test and inspection with an additional copy for the department. The owner and operator of a scale which is found to be inaccurate at the time of testing shall immediately withdraw the scale from further use until necessary corrections, adjustments or repairs are made and the scale is determined to be accurate by the scale testing or service company. A copy of the report prepared by the scale testing or service company shall be filed with the department by the owner or operator of the scale within 15 days after the test and inspection has been completed. The department shall maintain a list open for public inspection of all scales tested and found to be accurate on the annual test.

(3) No person may falsify a test or determination of the accuracy of a vehicle scale tested under sub. (1) or file with the department a false report of a test of a vehicle scale under sub. (1).

(4) This section does not apply to a railway scale used exclusively for the weighing of commodities on railroad track vehicles.


98.26 Prohibited acts; penalty; injunction. (1) A person who does any of the following acts shall forfeit not less than $100 nor more than $500 for the first offense and not less than $200 nor more than $1,000 for a subsequent offense. A person who intentionally does any of the following acts shall be fined not more than $10,000 or imprisoned not more than 9 months or both:

(a) Hinders, obstructs or impersonates a sealer or inspector.
(b) Uses or has in possession for use in buying or selling any commodity or service, or sells, any incorrect weight or measure or causes a weight or measure to be incorrect.
(c) Represents in any manner a false quantity or price in connection with the purchase or sale, or any advertising thereof, of any commodity, thing or service.
(d) Uses or disposes of any rejected weight or measure, or commodity, or removes therefrom any official tag, seal, stamp or mark, without written authority from a sealer or inspector.
(e) Violates s. 98.15 (1).
(f) Violates any other provision of this chapter or any rules promulgated under this chapter for which no specific penalty is prescribed.

(2) Upon application of the department or a municipality, a circuit court may grant a temporary or permanent injunction restraining any person from violating any provision of this chapter.