

STATE OF OREGON
BOILER AND PRESSURE VESSEL
LAWS AND RULES



YEAR 2005 EDITION

OREGON REVISED STATUTES CHAPTER 480
OREGON ADMINISTRATIVE RULES CHAPTER 918 - DIVISION 225

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BOILERS AND PRESSURE VESSELS

480.510 Short title. ORS 480.510 to 480.670 may be cited as the Boiler and Pressure Vessel Law. [1961 c.485 §1; 1969 c.582 §1; 1983 c.676 §2]

480.515 Definitions for ORS 480.510 to 480.670. As used in ORS 480.510 to 480.670, unless the context requires otherwise:

(1) “Board” means the Board of Boiler Rules created under ORS 480.535.

(2) “Boiler” or “boilers” means:

(a) A closed vessel or vessels intended for the heating or vaporizing of liquids to be used externally to such vessel or vessels by the application of heat from combustible fuels, electricity or nuclear energy;

(b) Related appurtenances including but not limited to pressure piping directly connected and related to the safe operation of a boiler; and

(c) Pressure piping consisting of boiler or nonboiler external piping connected to a boiler, but not potable water nonboiler external piping.

(3) “Boiler external piping” has the meaning given the term in the 1986 Pressure Piping Code B 31.1, adopted by the American Society of Mechanical Engineers.

(4) “Certificate of competency” means a certificate issued under the provisions of ORS 480.565 (3).

(5) “Department” means the Department of Consumer and Business Services.

(6) “Director” means the Director of the Department of Consumer and Business Services.

(7) “Minimum safety standards” means the rules, regulations, formulae, definitions and interpretations for the safe construction, installation, operation and repair of boilers and pressure vessels either adopted by ORS 480.510 to 480.670 or adopted by the board, under ORS 480.510 to 480.670.

(8) “Nonboiler external piping” has the meaning given the term in the 1986 Pressure Piping Code B 31.1, adopted by the American Society of Mechanical Engineers.

(9) “Permit” means a card issued by the department authorizing the operation of a vessel but the permit does not signify that the vessel has been inspected or meets minimum safety standards until an actual inspection has been made and no deviation from the minimum safety standards exists.

(10) “Pressure vessel” means containers for the containment of pressure, either internal or external. This pressure may be obtained from an external source or by the application of heat from a direct or

indirect source, or any combination thereof.

(11) “Related appurtenances” means any equipment instrumental to the safe operation of a boiler or pressure vessel.

(12) “Shop inspection” means the inspection and testing, to determine the meeting of minimum safety standards, of boilers and pressure vessels being manufactured, altered, repaired or installed or in the process of manufacture, alteration, repair or installation in the shop or on the job site. [1961 c.485 §3; 1969 c.582 §2; 1971 c.753 §58; 1973 c.830 §1; 1983 c.676 §3; 1987 c.414 §35; 1991 c.518 §2; 1993 c.744 §142]

480.520 Purpose of ORS 480.510 to 480.670.

The purpose of ORS 480.510 to 480.670 is to protect the safety of the people of Oregon and to protect property situated in Oregon from the hazard of fires and explosions caused by boilers and pressure vessels. To accomplish this purpose the Legislative Assembly intends by ORS 480.510 to 480.670 to provide a system:

(1) For determining where and by whom boilers and pressure vessels are being constructed, installed, repaired, used and operated.

(2) To assure that only qualified persons do welding on boilers and on pressure vessels.

(3) To assure that boilers and pressure vessels are manufactured, installed, repaired, operated, inspected and maintained so as to meet the minimum safety standards formulated and promulgated by the Board of Boiler Rules.

(4) For the administration and enforcement of ORS 480.510 to 480.670 by the Department of Consumer and Business Services and the board.

(5) To defray the cost of administration and the cost of enforcing ORS 480.510 to 480.670 by establishing fees to be charged for the issuing of permits, for giving welding examinations, and for the making of inspections. [1961 c.485 §2; 1969 c.583 §3; 1983 c.676 §4]

480.525 Exempt vessels. (1) ORS 480.510 to 480.670 do not apply to:

(a) Boilers and pressure vessels under federal safety regulations or control.

(b) Domestic water heaters designed for heating potable water, equipped with an approved pressure-relieving device, containing only water and that do not exceed:

(A) Capacity of 120 gallons;

(B) Water temperature of 210 degrees Fahrenheit;

(C) Pressure of 150 pounds per square inch gauge pressure; or

(D) Heat input of 200,000 BTU per hour.

(c) Pressure vessels containing liquified petroleum gas, and which are under the jurisdiction of the State Fire Marshal; except that the construction and repair of such vessels shall be in compliance with ORS 480.510 to 480.670 and shall be under the jurisdiction of the Board of Boiler Rules.

(d) Air tanks used in the operation of brakes on self-propelled vehicles and trailers, which vehicles or trailers are used for transporting freight or passengers.

(e) Medical sterilizers that do not exceed one and one-half cubic feet in volume.

(f) Pressure vessels that do not exceed one and one-half cubic feet in volume and which are not operated at gauge pressure of more than 150 pounds per square inch, equipped with a relief valve, approved under the American Society of Mechanical Engineers code adopted by the board, set at a maximum pressure of 150 pounds per square inch or less and located in a place of public assembly.

(g) Pressure vessels that do not exceed five cubic feet in volume and which are not operated at gauge pressure of more than 150 pounds per square inch, equipped with a relief valve, approved under the American Society of Mechanical Engineers code adopted by the board and set at a maximum pressure of 150 pounds per square inch, or less.

(2) The following boilers and pressure vessels are exempt from ORS 480.510 to 480.670, except as to all provisions relating to construction or installation and the inspection and fees in connection therewith:

(a) Boilers which are not operated at gauge pressures of more than 15 pounds per square inch and which are located on farms and used solely for agricultural purposes except when used in connection with a greenhouse.

(b) Air tanks located on farms and used solely for agricultural purposes.

(c) Any boiler or pressure vessel which is used in a single private residence shall have an installation inspection and be provided with a permit to operate but shall be exempt from subsequent inspection required in ORS 480.560 (1)(a) to (d).

(d) Pressure vessels being operated at gauge pressures of less than 15 pounds per square inch and which are equipped with a pressure relief device set to open at a pressure no greater than the pressure vessel's maximum allowed working pressure, but in no case shall the gauge pressure exceed 15 pounds per square inch.

(3) If the board, upon presentation of satisfactory evidence, determines that jeopardy to health and safety is evident in any vessel or class of vessels subject to subsection (1)(f) of this section, the board may require that the vessel or class of vessels be inspected or reinspected, subject to fees or construction requirements or any other requirements of ORS 480.510 to 480.670. [1961 c.485 §11; 1967 c.447 §1; 1969 c.582 §4; 1973 c.830 §2; 1983 c.676 §5; 1985 c.398 §1; 1987 c.847 §1; 1991 c.518 §6; 1999 c.713 §1]

480.530 Powers and duties of department. The Department of Consumer and Business Services may:

(1) Where it appears that a person is engaging in or is about to engage in an act or practice in violation of any provision of ORS 480.510 to 480.670, obtain without furnishing a bond, a restraining order and injunction from the circuit court in the county where the act or practice is occurring, or is threatened, enjoining the act or practice. However, before obtaining a restraining order and injunction, unless the act or practice constitutes an immediate threat to health and safety, the department shall first notify the person concerned of its intentions. The notice shall be in writing and shall advise the person concerned of the right to appeal in writing within 10 days and that the appeal will be heard by the Board of Boiler Rules. In case there is a timely request for an appeal, proceedings will be stayed pending the appeal, unless the act or practice constitutes an immediate menace to health or safety or the person concerned fails to prosecute the appeal with diligence.

(2) Keep a complete record of the types, dimensions, maximum allowable working pressures, age, location and date of the last recorded inspection of all boilers and pressure vessels to which ORS 480.510 to 480.670 apply.

(3) Publish and distribute copies of the rules and regulations.

(4) Check or caused to be checked the authenticity, appropriateness and expiration dates of licenses and certificates issued under ORS 480.510 to 480.670.

(5) Administer written, oral or practical examinations to all applicants for certification as chief inspector, deputy inspector or special inspector under ORS 480.565. [1961 c.485 §13; 1969 c.582 §5; 1971 c.753 §59; 1983 c.676 §6; 1991 c.518 §3]

480.535 Board of Boiler Rules; members; duties; qualifications; confirmation; rules. (1) The

Board of Boiler Rules is established in the Department of Consumer and Business Services. The Governor shall appoint the board, which shall formulate and promulgate rules under ORS 480.510 to 480.670 for the safe construction, installation, inspection, operation, maintenance and repair of boilers and pressure vessels in this state and review determinations made by its staff concerning boilers and pressure vessels.

(2) Eleven persons shall constitute the board, consisting of:

(a) One person who is an owner and user or who is a representative and employee of an owner and user of a high pressure boiler in Oregon and who has had practical experience with high pressure boilers;

(b) One person who is a manufacturer or who is a representative and employee of a manufacturer of boilers or of pressure vessels in Oregon;

(c) One person who is regularly engaged in the inspection of boilers and pressure vessels and who is employed by an insurer who may and does write policies of boiler and pressure vessels explosion insurance in Oregon;

(d) One person who is a mechanical engineer registered by the State of Oregon;

(e) One person who is a boilermaker;

(f) One person who is the owner and user or who is a representative and employee of an owner and user of a low pressure boiler in Oregon;

(g) One person who is the owner and user or who is a representative and employee of an owner and user of a pressure vessel in Oregon and who has had practical experience with pressure vessels;

(h) One person who is an owner or employee of a business engaged in the installation and repair of boilers;

(i) One person who is a steamfitter;

(j) One person who is a practical steam operating engineer; and

(k) One person who is a member of the public not otherwise eligible for appointment to the board.

(3) A member of the board who does not continue to meet the qualifications for board membership under subsection (2) of this section during the member's term may not be appointed to a subsequent term.

(4) The appointment of a member of the board is subject to confirmation by the Senate pursuant to section 4, Article III of the Oregon Constitution. [1961 c.485 §4; 1969 c.582 §6; 1971 c.753 §60; 1983 c.676 §7; 1991 c.518 §1; 1993 c.744 §142a; 2001 c.512 §1]

480.540 Term of members; removal; meetings; compensation and expenses. (1) The term of office of a member is four years and no member shall be eligible for appointment to more than two full terms of office. A member shall continue to serve until a successor has been appointed and qualified. Vacancies shall be filled by appointment for the unexpired term.

(2) In addition to ORS 480.545 and 480.615, the Board of Boiler Rules shall be governed by the following rules:

(a) The board shall meet not less than four times a year.

(b) The chief inspector shall serve without a vote as secretary of the board.

(c) The Governor may remove any member of the board for cause.

(3) Each member of the board is entitled to compensation and expenses as provided in ORS 292.495. [1961 c.485 §5; 1969 c.314 §54; 1983 c.676 §8; 1993 c.744 §143]

480.545 Rules; minimum safety standards; fees. (1) Under ORS chapter 183 the Board of Boiler Rules may adopt and enforce rules and minimum safety standards to carry out ORS 480.510 to 480.670 and adopt standards for persons performing welding on boilers and pressure vessels.

(2) All proceedings in the administration of ORS 480.510 to 480.670 shall be conducted under ORS chapter 183 and, additionally, where applicable, under ORS 480.615.

(3) In addition to the rules otherwise provided, and subject to ORS chapter 183, the board shall adopt rules concerning the times, dates, frequency and manner of giving notice to interested persons of intention to consider one or more of the things which the board may consider under this section.

(4) All rules and minimum safety standards adopted under this section shall be reasonable and in substantial conformity with generally accepted nationwide engineering standards. In adopting rules the board shall consider the probability, extent and gravity of injuries to health and property which would result from the failure to adopt the standards being considered and the standards followed, proposed or approved by members of affected industries.

(5) The board, by rule, shall adopt fees necessary for the administration and enforcement of the continuing education requirement under ORS 480.630.

(6) Any rule adopted by the board under ORS

480.510 to 480.670 shall be submitted to the Director of Department of Consumer and Business Services. The director shall have 30 calendar days from the date of adoption of the rules to review them. If the director fails to disapprove the rules within the 30-day period, the rules become effective in accordance with their terms and as provided by law. If the director disapproves the rules within the 30-day period, the rules immediately shall be returned to the board with the director's written objections, and the rules do not become effective until approved by the director. [1961 c.485 §7; 1969 c.582 §7; 1983 c.676 §9; 1991 c.518 §4; 2001 c.678 §1]

480.550 Minimum safety standards; effect on existing vessels; application of subsequent amendments. (1) Until different rules are adopted, there is adopted as the minimum safety standards for boilers and pressure vessels the published codification of standard engineering practices and formulae known as the "Boiler and Pressure Vessel Code of the American Society of Mechanical Engineers," together with the published revisions and interpretations thereof in effect as of January 1, 1969.

(2) Any vessel in use on July 1, 1961, or in use on the effective date of any adoption of different rules, shall be deemed to meet the minimum safety standards so long as the same use continues and no change occurs which would reduce the safety of its operation. Provided that if the Board of Boiler Rules finds that there is a variation from the minimum safety standards which is dangerous to health or safety, it may order that all vessels having a like variation be brought into conformity with the rules created under this section, or adopted after July 1, 1961, without variation.

(3) The Board of Boiler Rules shall adopt minimum safety standards for pressure piping substantially equal to the published codification of standard engineering practices and formulae known as the "Code for Pressure Piping" of the American Society of Mechanical Engineers, numbered B 31.1, B 31.3, B 31.5, B 31.7 and B 31.9 together with the published revisions and interpretations thereof. [1961 c.485 §8; 1969 c.582 §8; 1973 c.830 §3; 1983 c.676 §9a; 1999 c.823 §1]

480.555 Prohibitions relating to nonconforming vessels; exemptions. (1) Except as provided in ORS 480.525 (1), no person shall:

(a) Make or direct the construction, installation, repair or alteration of a boiler or pressure vessel which does not meet minimum safety standards.

(b) Lend, rent out, or offer to lend or to rent out, sell, offer for sale, or dispose of by gift or otherwise, for operation, a boiler or pressure vessel that does not meet the minimum safety standards.

(c) Use, or attempt to use, a boiler or pressure vessel that fails to meet the minimum safety standards.

(d) Make any installation of a boiler or pressure vessel or repair thereon affecting the strength or safety thereof without notifying the chief inspector as prescribed by rules promulgated under ORS 480.545.

(2) Nothing in this section shall restrict the construction of boilers or pressure vessels in Oregon which are installed outside Oregon which do not conform to the provisions of ORS 480.510 to 480.670. [1961 c.485 §9; 1967 c.447 §5; 1969 c.582 §9; 1983 c.676 §10; 1991 c.518 §7]

480.557 [Formerly 447.135; 1987 c.847 §2; 1991 c.518 §8; repealed by 1999 c.712 §1 and 1999 c.713 §2]

480.560 Inspection requirements; additional exemptions permitted. (1) Each boiler and pressure vessel used or proposed to be used within this state, except as exempted under ORS 480.510 to 480.670, shall be thoroughly inspected as to its construction, installation, operation and condition as follows:

(a) Power boilers, meaning boilers used to produce steam or vapor at a pressure in excess of 15 pounds per square inch gauge pressure, or a boiler used for heating liquid to a pressure in excess of 160 pounds per square inch gauge pressure, shall be annually inspected both internally, where construction permits, and externally while not under pressure and shall also be annually inspected externally while under pressure.

(b) Low pressure steam or vapor heating boilers, hot water heating boilers and hot water supply boilers shall be biennially inspected externally, while under pressure, and internally, where construction permits, except that cast iron heating boilers shall be inspected only externally unless the Board of Boiler Rules has reason to believe that an internal inspection of an individual boiler is necessary to assure safe operation.

(c) Pressure vessels subject to internal corrosion or erosion shall be inspected biennially both internally and externally where construction permits.

(d) Pressure vessels, no part of which are subject to internal corrosion or erosion shall be biennially inspected externally, except that vessels containing anhydrous ammonia, intended for use as fertilizer,

shall be inspected externally once every three years and fixed vessels, containing only air, not located at a place of public assembly, not exceeding 20 cubic feet in volume and which are operated at gauge pressures of not more than 200 pounds per square inch shall be inspected once every five years.

(e) Pressure piping that is nonboiler external piping, but which excludes potable water nonboiler external piping, shall be inspected on installation only and shall not thereafter be considered as part of the boiler for the purposes of any subsequent inspections required by this section. Fees for such inspections shall be as provided in ORS 480.605 (1).

(2) The board, upon presentation of satisfactory evidence that jeopardy to health and safety will not be substantially increased thereby, may:

(a) Broaden the intervals between inspections, eliminate types of inspections, and correspondingly reduce the fees charged where the use, contents or construction of the vessel warrant special consideration; or

(b) Exempt additional classes of vessels to the same extent vessels are exempted either under ORS 480.525 (1) or (2).

(3) If a hydrostatic test is necessary to determine the safety of a boiler or pressure vessel, the test shall be made by the owner or user of such boiler or pressure vessel and witnessed by a deputy or special inspector.

(4) All boilers and pressure vessels to be installed in this state after July 1, 1961, shall be inspected during construction by an inspector authorized to inspect boilers in this state, or, if constructed outside of the state, by an inspector holding a certificate of competency issued by a state that has a standard of examination substantially equal to that of this state. [1961 c.485 §17; 1969 c.582 §10; 1973 c.830 §3a; 1983 c.676 §11; 1991 c.518 §9]

480.565 Chief and deputy inspectors; special inspectors. The Director of Department of Consumer and Business Services shall:

(1) Appoint a chief inspector who has had practical experience in the construction, maintenance, repair or operation of high pressure boilers and pressure vessels as a mechanical engineer, practical steam operating engineer, boilermaker or boiler inspector and who:

(a) Has passed a written examination which shall be confined to questions the answers to which will aid in determining the fitness and competency of the applicant to inspect boilers and pressure vessels; or

(b) Holds a certificate of competency as an

inspector of boilers and pressure vessels which is issued by a state which has standards of examination equal to those of the State of Oregon and which recognizes certificates of competency issued by the State of Oregon and has passed an examination that assesses the applicant's knowledge of ORS 480.510 to 480.670 and the rules adopted thereunder.

(2) Appoint deputy inspectors who shall be responsible to the chief inspector and who shall have qualified as provided in subsection (1) of this section, except that less practical experience shall be required.

(3) Issue a certificate of competency as a special inspector to any individual who shall have qualified as provided in subsection (1) of this section, except that no more practical experience shall be required than is required of a deputy inspector, and who is continuously employed by:

(a) An insurer who may and does write policies of boiler and pressure vessel insurance in Oregon; or

(b) Any person operating pressure vessels in this state whose service, personnel, equipment and supervision meet the requirements prescribed by the Board of Boiler Rules. [1961 c.485 §12; 1969 c.582 §11; 1971 c.753 §61; 1991 c.518 §13]

480.570 Authority of special inspectors; exemption from permit fee. (1) A special inspector receiving a certificate of competency under ORS 480.565 (3)(b) shall not inspect under ORS 480.510 to 480.670 any boiler; nor shall the special inspector inspect under ORS 480.510 to 480.634 any pressure vessel not used or not to be used by the employer of the special inspector.

(2) When the individual holds a certificate of competency issued pursuant to ORS 480.565 (3)(a), a special inspector is authorized to:

(a) Conduct shop inspections of boilers and pressure vessels manufactured or to be installed in this state whether or not such boilers or pressure vessels are insured or will be insured by the employer of the special inspector; and

(b) Inspect all boilers and pressure vessels insured or to be insured by the special inspector's employer or all pressure vessels operated by the special inspector's employer.

(3) A special inspector's certificate of competency remains in force only while the special inspector is continuously employed by one of the persons mentioned in ORS 480.565 (3).

(4) When a vessel is inspected by a special inspector as provided in this section, the owner or user of such boiler or pressure vessel is exempt from payment of the permit fee during the inspection

period, except as provided in ORS 480.600 (2).

(5) The Department of Consumer and Business Services may cause a deputy inspector to inspect or reinspect all boilers and pressure vessels which could be inspected by a special inspector. However, there shall be no internal inspection or reinspection unless there is a question as to whether or not the boiler or pressure vessel meets the minimum safety standards and the special inspector who made the original inspection, or the employer of the special inspector, is given reasonable notice of the intention to make such inspection or reinspection so the special inspector or the employer of the special inspector can be present. [1961 c.485 §14; 1969 c.582 §12; 1983 c.676 §12; 1991 c.518 §5]

480.575 [1961 c.485 §15; 1969 c.582 §13; 1983 c.676 §13; 1999 c.598 §1; 2001 c.104 §222; repealed by 2005 c.758 §56]

Note: 480.575 is repealed July 1, 2006. See sections 56, 57 and 57a, chapter 758, Oregon Laws 2005. 480.575 (2003 Edition) is set forth for the user's convenience.

480.575 Suspension or revocation of certificate of special inspector; hearing; reinstatement. (1) A special inspector's certificate of competency may be suspended or revoked by the Board of Boiler Rules for incompetency, untrustworthiness or for any willful falsehood in the special inspector's application or in any inspection report.

(2) A certificate of competency shall not be suspended or revoked until after a hearing has been held before the board. The special inspector and the employer of the special inspector are entitled to appear at such hearings and to be heard.

(3) The board shall deliver to both the special inspector charged and to the employer of the special inspector, not less than 10 days prior to the hearing, a written notice of the charges and of the time and place of such hearing.

(4) The chief inspector appointed under ORS 480.565 may temporarily suspend a special inspector's certificate of competency pending a hearing before the board under this section. The hearing shall be held within 45 days of the date the special inspector's certificate is suspended. A temporary suspension under this subsection shall not be effective for more than 45 days.

(5) A special inspector whose certificate of competency has been suspended or revoked may apply for the reinstatement thereof not less than 90 days after the time of suspension or revocation.

480.580 Access to buildings and premises by inspectors. (1) The chief inspector or any deputy inspector may, at all reasonable hours, in performance of the duties imposed by the provisions of ORS 480.510 to 480.670, enter into all buildings and upon all premises, except private residences, for the purpose of inspecting any boiler or pressure vessel which is covered by ORS 480.510 to 480.670 and which the chief inspector or the deputy inspector has reasonable cause to believe is located therein.

(2) No person shall interfere with or prevent any such inspection by such inspectors or deputy inspectors. [1961 c.485 §16; 1969 c.582 §14; 1983 c.676 §14]

480.585 Permit for operation of vessels; rules for waiver. (1) Any person may apply to the Department of Consumer and Business Services for a permit for a boiler or pressure vessel:

(a) By filing reports showing details of the proposed construction before construction is started; or

(b) By submitting satisfactory proof that the boiler or pressure vessel has been constructed in accordance with minimum safety standards and has been found to be safe.

(2) A permit for a boiler or pressure vessel shall bear the date of the inspection period and specify the maximum pressure under which the boiler or pressure vessel may be operated. Except as provided by regulation, a permit must be posted in the room containing the boiler or pressure vessel for which the permit is issued.

(3) The department may at any time suspend or revoke a permit when, in the department's opinion, the boiler or pressure vessel, or related appurtenances, for which the permit was issued is found not to comply with ORS 480.510 to 480.670. Suspension of any permit continues in effect until the vessel conforms to ORS 480.510 to 480.670 and the permit is reissued. However, before suspending or revoking a permit, the department shall first notify the person concerned of the department's intention. The notice must be in writing and advise the person concerned of the right to appeal in writing within 10 days and that the appeal will be heard by the Board of Boiler Rules. When there is a timely appeal, the department may not suspend or revoke the permit pending the appeal unless the reason for suspension or revocation constitutes an immediate menace to health or safety or the person concerned fails to prosecute an appeal with diligence.

(4)(a) Except as provided in ORS 480.510 to 480.670, a person may not operate a boiler or pressure vessel unless a valid permit for the operation of the boiler or pressure vessel, issued under this section, is attached thereto or posted in a conspicuous place in the room where the boiler or pressure vessel is located.

(b) A person may not permit or suffer the operation of a boiler or pressure vessel on property the person owns, controls, manages or supervises unless a valid permit for the operation of the boiler or pressure vessel, issued under this section, is attached thereto or posted in a conspicuous place in the room where the boiler or pressure vessel is located.

(c) The owner or lessee or person having possession of a boiler or pressure vessel may not permit or suffer the operation of the boiler or pressure vessel unless a valid permit, issued under this section, is attached thereto or posted in a conspicuous place in the room where the boiler or pressure vessel is located.

(5) The board may waive by rule the provisions of this section. [1961 c.485 §18; 1967 c.447 §2; 1969 c.582 §15; 1983 c.676 §15; 1993 c.744 §144; 2005 c.22 §367]

480.590 [1961 c.485 §10; repealed by 1983 c.676 §31]

480.595 Permit fees generally. (1) Upon receipt of a permit fee due on a date determined by the Department of Consumer and Business Services, and on the same day of each year thereafter in which an inspection is due pursuant to ORS 480.560, the Department of Consumer and Business Services may issue or renew a permit before or after an inspection has been made pursuant to ORS 480.510 to 480.670.

(2) Permit fees shall be prescribed by the Board of Boiler Rules with approval of the Oregon Department of Administrative Services, and may be prorated.

(3) Maximum operating permit fees shall be determined as follows:

(a) Boilers of 15 horsepower or less	\$ 65
(b) Boilers greater than 15 horsepower to 100 horsepower	\$ 85
(c) Boilers greater than 100 horsepower to 500 horsepower	\$100
(d) Boilers greater than 500 horsepower	\$110
(e) Cast iron boilers	\$ 65

(f) Pressure vessels having a product volume of 20 cubic feet or less	\$ 55
(g) Pressure vessels having a product volume greater than 20 cubic feet	\$ 75

(4) A reinspection fee shall be charged at the maximum rate of \$60 per hour for travel and inspection time to defray the cost of a reinspection when deviations from the minimum safety standards are found during any inspection. [1961 c.485 §19; 1967 c.447 §3; 1969 c.582 §16; 1973 c.830 §6; 1973 c.832 §18a; 1974 c.36 §17; 1981 c.566 §2; 1983 c.676 §16; 1991 c.201 §3; 2001 c.162 §1]

480.600 Special provisions on permit fees; notice from insurer. (1) The permit fee established under ORS 480.510 to 480.670, for a quantity of pressure vessels available for inspection at the same location, shall be fixed by the Board of Boiler Rules at cost, in accordance with the time required to conduct the inspection and the inspector's mileage to the place of inspection. However, in no case shall the total payment be more than the total of the individual pressure vessel fees fixed by ORS 480.510 to 480.670.

(2) The owner or user of any vessel which is to be inspected during the inspection period under the provisions of ORS 480.570 shall pay to the Department of Consumer and Business Services a special permit fee of \$25, except that the department may require payment of a permit fee as provided in ORS 480.595 where it finds the vessel to be in violation of the minimum safety standards during the inspection period. In addition, for a quantity of pressure vessels inspected at the same location, the board may establish a different special permit fee which recognizes the lower costs of handling, but in no such case shall the total payment be more than the total of individual pressure vessel fees fixed by ORS 480.510 to 480.670.

(3) If there is a lengthened inspection interval under ORS 480.560 (2), the permit fee interval shall be lengthened correspondingly.

(4) Whenever an insurance company notifies its insured that it will no longer insure a boiler or pressure vessel, or that insurance on a boiler or pressure vessel is no longer in force, the insurance company shall also notify the chief boiler inspector, in a form and manner prescribed by the chief boiler inspector, of the description and vessel registration numbers of the boilers or pressure vessels for which insurance is canceled or suspended or is not to be renewed.

(5) Whenever an owner or user of a boiler or pressure vessel fails to pay any fee required by this chapter within 60 days after the date of depositing written notification in the United States mail, postage prepaid, and addressed to the last-known address of the owner or user, the fee shall be considered delinquent and the fee shall be increased by an amount equal to 50 percent of the original fee. The court may award reasonable attorney fees to the department if the department prevails in an action to collect a fee required by this chapter. The court may award reasonable attorney fees to a defendant who prevails in an action to collect a fee required by this chapter if the court determines that the department had no objectively reasonable basis for asserting the claim or no reasonable basis for appealing an adverse decision of the trial court. [1961 c.485 §21; 1967 c.447 §4; 1969 c.582 §17; 1973 c.830 §7; 1973 c.832 §18b; 1974 c.36 §18; 1981 c.566 §3; 1981 c.897 §57; 1983 c.676 §17; 1991 c.201 §4; 1991 c.518 §18; 1995 c.696 §25; 1999 c.711 §1]

480.605 Miscellaneous fees. The Department of Consumer and Business Services may:

(1) Collect fees for shop inspections, inspections of vessels and for inspection of vessels which have been changed in installation location after primary use and for any other type of inspection of boilers, pressure vessels or pressure piping which may be required by any person or persons, including any governmental units, all such inspections to be at the cost of inspection, in accordance with the time required to make the inspection, plus the expense of the inspector including lodging and travel. The hourly charge, or portion thereof, shall be fixed by the Board of Boiler Rules.

(2) Collect a fee for welding and inspectors' examinations and for annual renewal of inspectors' certifications. The amount of the fee shall be fixed by the board.

(3) Collect an additional fee from the owner or user when it is necessary to make a special trip to witness the application of a hydrostatic or other test. The amount of the fee shall be fixed by the board. [1961 c.485 §22; 1969 c.582 §18; 1973 c.830 §8; 1993 c.744 §145]

480.607 Fee increase. Notwithstanding the fees prescribed in ORS 480.595 (3) and (4), 480.600 (2) and 480.630 (4) and (5), and subject to the prior approval of the Department of Consumer and Business Services, the Oregon Department of Administrative Services and a report to the

Emergency Board prior to adopting the fees, the Board of Boiler Rules may increase the fees referred to in this section by an amount not greater than 10 percent. The fees shall be within the budget authorized by the Legislative Assembly as that budget may be modified by the Emergency Board. The fees must not exceed the cost of the program, including but not limited to the cost of administering a continuing education registry. [1983 c.676 §20b; 1991 c.703 §16; 2001 c.678 §2; 2005 c.758 §35]

Note: The amendments to 780.607 by section 35, chapter 758, Oregon Laws 2005, become operative July 1, 2006. See section 57, chapter 758, Oregon Laws 2005, as amended by section 57a, chapter 758, Oregon Laws 2005. The text that is operative until July 1, 2006, is set forth for the user's convenience.

480.607. Notwithstanding the fees prescribed in ORS 480.595 (3) and (4), 480.600 (2) and 480.630 (4) and (6), and subject to the prior approval of the Department of Consumer and Business Services, the Oregon Department of Administrative Services and a report to the Emergency Board prior to adopting the fees, the Board of Boiler Rules may increase the fees referred to in this section by an amount not greater than 10 percent. The fees shall be within the budget authorized by the Legislative Assembly as that budget may be modified by the Emergency Board. The fees must not exceed the cost of the program, including but not limited to the cost of administering a continuing education registry.

480.610 Disposition of fees. All receipts from fees, charges, costs and expenses under ORS 480.510 to 480.670 shall be collected by the Department of Consumer and Business Services and paid into the Consumer and Business Services Fund created by ORS 705.145. Such moneys shall be used only for the administration and enforcement of ORS 480.510 to 480.670. [1961 c.485 §23; 1973 c.834 §42; 1983 c.676 §18; 1993 c.744 §146]

480.615 Appeals. (1) The Board of Boiler Rules shall hear the appeal of an appellant who has filed a timely written request and who (a) has received notice that a restraining order or injunction will be sought, or (b) has received notice that a permit will be suspended or revoked, or (c) is affected by either of such notices. The board shall likewise hear the appeal of an appellant who has filed a written request and who has reason to desire a change in the minimum safety standards or the rules.

(2) The board shall set the time and place for hearing and give the appellant 10 days' written notice.

(3) All appeals shall be heard within three months of receipt of the request. Provided, if immediate menace to health or safety is involved, the appeal shall be heard within 20 days of receipt of the request.

(4)(a) Two or more appeals may be consolidated for hearing, if based upon substantially the same facts.

(b) The board and the appellant may subpoena witnesses who shall receive the same compensation and mileage pay as circuit court witnesses.

(c) A written or recorded record shall be kept. [1961 c.485 §26; 1983 c.676 §19; 1991 c.518 §10]

480.630 Licensing of boiler contractors and persons installing, altering or repairing boilers or pressure vessels; examination; fee. (1) A person engaging in the business of installing, repairing or altering boilers or pressure vessels must possess a boiler contractor license issued by the Department of Consumer and Business Services.

(2) A person who installs, repairs or alters boilers or pressure vessels as the employee or agent of a business engaged in the installation, repair or alteration of boilers or pressure vessels must possess an employee or agent license issued by the department.

(3) The chief inspector may conduct examinations for licensing an employee or agent of a business to establish the competency of the applicant.

(4) Licenses shall be issued and renewed by the department as provided by rules adopted under ORS 455.117 by the Board of Boiler Rules upon payment of a fee of \$25 for each application for an employee or agent license and \$150 for each application for a boiler contractor license.

(5) A person required to be licensed under this section may not install, alter or repair a boiler or pressure vessel unless an appropriate permit is first secured from the department. Permits shall be issued only to persons possessing a valid boiler contractor license or as provided by the department by rule. A permit fee of \$15 shall be paid directly to the department.

(6) In the case of an emergency, a permit under subsection (5) of this section is not required in advance for boiler or pressure vessel installations or repair, if an application accompanied by the appropriate fee for a permit is submitted to the

department within five days after the commencing of the boiler or pressure vessel work.

(7) The license and examination requirements of this section do not apply when a person is brought in from out of state to repair or alter a boiler or pressure vessel utilizing special tools or a special process for which that person is uniquely qualified. The activity shall be limited solely to the special process and the person performing the work shall have qualifications that meet or exceed license standards as determined by the chief boiler inspector. The chief boiler inspector shall be notified prior to performance of any work under this subsection.

(8) If a license issued under subsection (4) of this section is of a class that authorizes a person to perform work equivalent to that performed by pressure vessel installers, building service mechanics, boilermakers or pressure piping mechanics, the person must complete eight hours of board-approved continuing education every year. [1973 c.830 §4; 1983 c.676 §20; 1987 c.414 §36; 1991 c.201 §5; 2001 c.678 §3; 2005 c.758 §36]

Note: The amendments to 480.630 by section 36, chapter 758, Oregon Laws 2005, become operative July 1, 2006. See section 57, chapter 758, Oregon Laws 2005, as amended by section 57a, chapter 758, Oregon Laws 2005. The text that is operative until July 1, 2006, is set forth for the user's convenience.

480.630. (1) A person may not engage in the business of installing, repairing or altering boilers or pressure vessels unless the person first obtains a license therefor from the Department of Consumer and Business Services.

(2) A person may not install, repair or alter boilers or pressure vessels as an employee of a business engaged in the installing, repairing or altering of boilers or pressure vessels unless the person first obtains certification therefor from the department.

(3) The chief inspector may conduct examinations for certification of an employee or agent of a business to establish the competency of the applicant.

(4) Licenses and certification shall be issued by the department upon recommendation of the Board of Boiler Rules and upon payment of a fee of \$25 for each application for an employee or agent's certification and \$150 for each application for a business license.

(5) The licenses and certifications shall be renewed annually without reexamination upon payment of the fees in subsection (4) of this section

and, for renewal of a certificate, compliance with the continuing education requirement established in subsection (9) of this section.

(6) A person may not install, alter or repair a boiler or pressure vessel without first securing a permit therefor from the department unless the person is not subject to licensure or certification. Permits shall be issued only to the persons licensed. A permit fee of \$15 shall be paid directly to the department.

(7) In the case of an emergency, a permit is not required in advance for boiler or pressure vessel installations, or repair, as required under subsection (6) of this section, if an application accompanied by the appropriate fee for a permit is submitted to the department within five days after the commencing of the boiler or pressure vessel work.

(8) The certification and examination requirements of this section do not apply when a person is brought in from out of state to repair or alter a boiler or pressure vessel utilizing special tools or a special process for which that person is uniquely qualified. The activity shall be limited solely to the special process and the person performing the work shall have qualifications which meet or exceed the state's certification standards as determined by the chief boiler inspector. The chief boiler inspector shall be notified prior to performance of any work under this subsection.

(9) A person having a certificate issued under subsection (4) of this section must complete eight hours of board-approved continuing education every year.

(10) The continuing education requirement established in subsection (9) of this section applies only to persons certified by the board to perform work equivalent to that performed by pressure vessel installers, building service mechanics, boilermakers or pressure piping mechanics.

480.632 Employment of unlicensed worker prohibited. A person licensed to conduct a boiler or pressure vessel business may not employ any person to work on a boiler or pressure vessel unless the employed person has a valid license issued under ORS 480.630. [1983 c.676 §24; 2005 c.758 §37]

Note: The amendments to 480.632 by section 37, chapter 758, Oregon Laws 2005, become operative July 1, 2006. See section 57, chapter 758, Oregon Laws 2005, as amended by section 57a, chapter 758, Oregon Laws 2005. The text that is operative until July 1, 2006, is set forth for the user's convenience.

480.632. No person registered to conduct a boiler or pressure vessel business shall employ any person to work on a boiler or pressure vessel who does not hold a valid state certification issued under ORS 480.630.

480.634 Exemption of journeyman plumber for certain activities. (1) A person who has a valid journeyman plumber license does not have to obtain a license under ORS 480.630 (2) to work as an employee of a business engaged in installing or replacing by nonwelded means a potable domestic water heater that:

(a) Is not used for space heating;

(b) Has a capacity that does not exceed 180 gallons;

(c) Has a water temperature that does not exceed 210 degrees Fahrenheit;

(d) Has a pressure that does not exceed 150 pounds per square inch gauge pressure; and

(e) Has a heat input that does not exceed 750,000 BTU per hour.

(2) Subsection (1) of this section does not allow construction, repair or alteration of the domestic potable water heater. [1991 c.518 §15; 2005 c.758 §38]

Note: The amendments to 480.634 by section 38, chapter 758, Oregon Laws 2005, become operative July 1, 2006. See section 57, chapter 758, Oregon Laws 2005, as amended by section 57a, chapter 758, Oregon Laws 2005. The text that is operative until July 1, 2006, is set forth for the user's convenience.

480.634 A person having a current certificate of competency as a journeyman plumber under ORS 693.050 does not have to obtain certification under ORS 480.630 (2) to work as an employee of a business engaged in installing or replacing by nonwelded means, a potable domestic water heater, not used for space heating, which does not exceed 180 gallons in capacity, nor water temperature of 210 degrees Fahrenheit nor pressure of 150 pounds per square inch gauge pressure nor a heat input in excess of 750,000 BTU per hour. This section does not allow construction, repair or alteration of the domestic potable water heater.

480.635 [1973 c.830 §5; 1983 c.676 §21; repealed by 2005 c.758 §56]

Note: 480.635 is repealed July 1, 2006. See sections 56, 57 and 57a, chapter 758, Oregon Laws

2005. 480.635 (2003 Edition) is set forth for the user's convenience.

480.635 Procedure for suspension of license or certification; reinstatement. (1) License or certification issued pursuant to ORS 480.630 may be suspended by the chief inspector for the incompetence of the holder thereof or for willful falsification of any matter or statement contained in an application or in a report of any inspection made by the holder. Written notice of the suspension shall be given by the chief inspector within not more than 10 days to the person who holds the license or certification, the employer of the person and the Board of Boiler Rules. A person whose license or certification has been suspended may appeal to the board as provided and be present in person and be represented by counsel at the hearing of the appeal.

(2) If the board has reason to believe that a person who holds a license or certification is no longer qualified to hold the license or certification, the board, upon not less than 10 days' written notice to the person and the employer of the person, shall hold a hearing at which the person and the employer shall have an opportunity to be heard. If, as a result of the hearing, the board finds that the person is no longer qualified to hold the license or certification, the board shall thereupon revoke the license or certification forthwith.

(3) A person whose certification has been suspended may apply, after 90 days from the date of the suspension, for reinstatement of the certification.

480.640 When court action not available. A person providing services connected with boilers or pressure vessels may not bring or maintain an action in the courts of this state to recover for those services unless the person alleges and proves that, at the time the services were performed, the person performing the services held a license issued under ORS 480.630. [1983 c.676 §25; 1991 c.518 §11; 2005 c.758 §39]

Note: The amendments to 480.640 by section 39, chapter 758, Oregon Laws 2005, become operative July 1, 2006. See section 57, chapter 758, Oregon Laws 2005, as amended by section 57a, chapter 758, Oregon Laws 2005. The text that is operative until July 1, 2006, is set forth for the user's convenience.

480.640 No person providing services connected with boilers or pressure vessels may bring or maintain an action in the courts of this state to recover for such services unless the person alleges and proves that, at the time the services were

performed, the person performing them held a state certification issued under ORS 480.630.

480.645 Standardized examination; administration. (1) The Board of Boiler Rules shall cause to be prepared examinations that are standardized. In standardizing examinations under this subsection, the board may adopt standardized examinations prepared by nationally recognized bodies.

(2) The board shall allow any person who takes an examination to review the examination and test results of that person. [1983 c.676 §26; 1991 c.518 §12]

480.647 Quality control procedures for welding on nonboiler external piping; rules. (1) The Board of Boiler Rules may adopt rules creating quality control procedures for welding on nonboiler external piping and may adopt its own Oregon welded stamp symbol.

(2) The board shall not require the adoption of "R" stamp provisions of the National Board of Inspection Code or the American Society of Mechanical Engineers Certification of Authorization requirements related to boilers for welding on nonboiler external piping.

(3) The board shall accept an "R" stamp certification by the National Board of Inspection Code or the American Society of Mechanical Engineers Certification of Authorization as meeting the requirements of subsection (1) of this section and may accept any other quality control program for welding that is at least equivalent to the Oregon quality control procedures adopted under subsection (1) of this section.

(4) All review by the Department of Consumer and Business Services for individual approval of quality control procedures and requirements shall be charged at the shop inspection rates under ORS 480.605. [1991 c.518 §16; 1993 c.744 §148]

480.660 Notice of violation; correction; when use prohibited; appeal. (1) If an inspector determines that any condition exists that is a violation of the safety standards prescribed pursuant to ORS 480.510 to 480.670, the inspector shall post a notice in plain view on or near the affected boiler or pressure vessel that specifies the defective condition, and shall provide a copy of the notice to the owner or user of the affected boiler or pressure vessel, or to a representative of the owner or user.

(2) If no immediate hazard to health and safety is evident, the notice shall state that correction of the defective condition is required within 30 days of the date of the inspection. If the correction is not completed within the 30-day period, the owner or user of the boiler or pressure vessel may apply to the chief boiler inspector for extension of the time for making the correction. If the chief boiler inspector determines that corrective action was commenced within the time period specified in the notice, an extension may be granted for such time as is required to complete corrective action.

(3) If an immediate hazard to health and safety is evident, the notice shall prohibit further use of the boiler or pressure vessel. The inspector immediately shall report that action to the chief boiler inspector.

(4) If any person is aggrieved by a determination made upon inspection under this section, the person first shall appeal that determination to the chief boiler inspector and then to the Board of Boiler Rules. Subsequent appeal shall be as provided in ORS 183.480 to 183.540. [1983 c.676 §28]

480.665 [1983 c.676 §27; 1991 c.734 §47; 1999 c.846 §3; repealed by 2001 c.411 §31]

480.670 Civil penalty for Boiler and Pressure Vessel Law violations. The Board of Boiler Rules may impose a civil penalty for a violation of ORS 480.510 to 480.670 or rules adopted for the administration and enforcement of those sections. The board shall impose a civil penalty authorized by this section as provided in ORS 455.895. [2001 c.411 §10]

PENALTIES

480.990 Penalties. (1) Violation of any provision of ORS 480.010 to 480.040 is a Class B violation.

(2) Violation of any provision of ORS 480.050, 480.060 or 480.290 is a Class C misdemeanor.

(3) Violation of ORS 480.070 is a Class A misdemeanor.

(4) Violation of ORS 480.085 is a Class B violation.

(5) Violation of any provision of ORS 480.110 to 480.165 is a Class B misdemeanor. Violations thereof may be prosecuted in state or municipal courts when violations occur within the municipality served thereby. Justice courts shall have concurrent jurisdiction with circuit courts in all proceedings arising within ORS 480.110 to 480.165.

(6) Subject to ORS 153.022, violation of any provision of ORS 480.210, 480.215, 480.235 and 480.265 or of any rule or regulation adopted under ORS 480.280 (1) is a Class B misdemeanor.

(7) Violation of any provision of ORS 480.420 to 480.460 is a Class B violation.

(8) Subject to ORS 153.022, violation of any provision of ORS 480.510 to 480.670, or any rule promulgated pursuant thereto, is a Class A misdemeanor. Whenever the Board of Boiler Rules has reason to believe that any person is liable to punishment under this subsection, it may certify the facts to the Attorney General, who may cause an appropriate proceeding to be brought. [Subsection (4) of 1963 Replacement Part enacted as 1961 c.722 §3; subsection (10) enacted as 1961 c.485 §24; subsection (4) enacted as 1963 c.384 §3; 1965 c.602 §24; subsection (3) enacted as 1967 c.417 §22; subsection (7) enacted as 1971 c.518 §25; 1983 c.676 §22; 1985 c.165 §3; 1987 c.158 §111; 1991 c.863 §59; 1999 c.1051 §193]

**DIVISION 225
BOILERS AND PRESSURE VESSELS**

**PART 1 — ADMINISTRATIVE
REQUIREMENTS**

918-225-0220

Reasonable Notice to Interested Parties

Prior to the adoption, amendment or repeal of any rule, the Board of Boiler Rules and the Building Codes Division shall give notice of the proposed adoption, amendment or repeal:

(1) In the Secretary of State’s Bulletin referred to in ORS 183.360, at least 21 days prior to the effective date.

(2) By mailing a copy of the notice to persons on the Board of Boiler Rules’ mailing list established pursuant to ORS 183.335 and OAR 918-001-0210.

Stat. Auth.: ORS 185.335

Stats. Implemented: ORS 183.335

Hist.: DC 92, f. & ef. 7-19-77; Renumbered from 814-025-0000; BCA 36-1993, f. 12-30-93, cert. ef. 1-1-94; Renumbered from 918-225-0000

918-225-0230

Board of Boiler Rules

(1) Regular meetings of the Board shall be held at Building Codes Division offices in Salem, Oregon on the first Tuesday of March, June, September and December unless changed by the Board Chair. If the regular meeting date falls on a state holiday, the meeting shall be on the following Tuesday.

(2) **Sturgis Standard Code of Parliamentary Procedure**, Third Edition is adopted for Board proceedings.

[Publications: Publications referenced are available from the agency.]

Stat. Auth.: ORS 480.535 & 480.545

Stats. Implemented: ORS 480.535 & 480.545

Hist.: DC 24-1982, f. & ef. 11-16-82; DC 33-1984, f. & ef. 10-19-84; DC 7-1987, f. & ef. 4-10-87; Renumbered from 814-025-0011; BCA 36-1993, f. 12-30-93, cert. ef. 1-1-94; Renumbered from 918-225-0025; BCD 26-1998, f. 12-30-98, cert. ef. 1-1-99

918-225-0240

Definitions

As used in OAR chapter 918, division 225, unless the context requires otherwise:

(1) “Agricultural Purposes” means:

(a) Sowing, tending, and harvesting of products of the soil grown under natural conditions;

(b) Raising of poultry or fowl;

(c) Pasturage or raising of livestock or other animals; or

(d) Original processing of the farm product, but not the processing of the product of a different operator, or reprocessing work as freezing, canning, or packing if performed substantially for commercial purposes.

(2) “Available” to determine inspection fees at cost, means the vessels must be due for inspection in the year the notification is applicable, and must all be ready for inspection at the time designated by the inspector.

(3) “Board” is defined in ORS 480.515(1).

(4) “Boiler Room” means any enclosed room or designated space within a building, intended by design or by usage to contain a boiler that is connected and available for use. A boiler located in an area not meeting the definition of “boiler room” under OAR 918-225-0465

shall apply to any space within 20 feet of any burner.

(5) “Building Service Piping” means piping systems operating at or less than 150 psig steam; and water at or less than 160 psig and 250° F. as described in **ANSI/ASME Standard B31.9**.

(6) “Chief Inspector” means the inspector appointed by the Director pursuant to ORS 480.565(1).

(7) “Farm” means an area of land:

(a) Located in a rural district;

(b) Of sufficient size to generally be considered as a farm in its locale; and

(c) Devoted primarily to tillage and raising crops under natural conditions, or to raising animals, fowl, or poultry.

(8) “Emergency” as used in ORS 480.630(7) means an unplanned circumstance requiring immediate repair, installation, replacement or shutdown because of risk to health, life or property.

(9) “Hobby” or “Demonstration” means recreational or other noncommercial use.

(10) “Immediate Safety Hazard” means hazardous conditions exist requiring immediate

correction to a boiler, pressure vessel or pressure piping system to preserve the safety of people or property.

(11) "Installer," as used in the boiler or pressure vessel laws and rules, means the person making the water, steam, air, refrigerant or other product piping connection to the boiler or pressure vessel. A person who transports or merely positions the boiler or pressure vessel is not an "installer." An electrician making electrical connections is not an "installer."

(12) "National Board" means the National Board of Boiler and Pressure Vessel Inspectors.

(13) "Operating" means any vessel connected and ready for service.

(14) "Person" means any individual, partnership, corporation, association, governmental subdivision or public or private organization of any character.

(15) "Place of Public Assembly" means a building used or held for use, in whole or in part, for worship, health treatment, rest, recuperation or retirement living; child care nurseries or institutions; public meetings; education; instruction; entertainment; eating; recreation; or awaiting transportation.

(16) "Pressure Piping" means piping systems and components under the scope of **ASME B31.1, B31.3, B31.5 and B31.9.**

(17) "Pressure Relief Valve" means a valve activated by inlet static pressure which opens in proportion to the increase in pressure over the opening pressure range. Only ASME approved valves are allowed under the boiler rules.

(18) "Pressure Vessel" is defined in ORS 480.515(9).

(19) "Psig" means pounds per square inch gauge pressure.

(20) "Quantity," to determine inspection fees at cost, means six or more vessels.

(21) "Related Appurtenance" is defined in ORS 480.515(11).

(22) "Safety Valve" means a valve activated by inlet static pressure and characterized by rapid opening or pop action. Only ASME approved valves are allowed under the boiler rules.

(23) "Same Location," to determine inspection fees at cost, means that all vessels are within 2,000 feet of one another.

(24) "Service of Process" means deposit in the U.S. mail a copy of a notice addressed to the

respondent at the respondent's last known address.

(25) "Single Private Residence" means a one-family dwelling structure.

(26) "Process Piping Inspector" means the owner's inspector, for the inspection of **ASME B31.3 Process Piping**, Category "M" fluid service only.

(27) "Structure" means a building or shed with a roof and enclosed on the sides 75 percent or more.

(28) "Traction Boiler" means a boiler constructed before January 1, 1961, designed to operate or pull equipment, or to convert steam power into a flywheel energy driving apparatus such as a thresher, road roller, or grinding equipment.

(29) "Vessel That is Considered Subject to Corrosion or Erosion" means the vessel contains or is intended to contain contents having a corrosive or erosive effect on any portion of the vessel. The use of glass linings leaves a vessel subject to corrosion unless all portions of the vessel are impervious to the corrosive or erosive effects of the contents.

[Publications: Publications referenced are available from the agency.]

Stat. Auth.: ORS 480.545 & 455.030

Stats. Implemented: ORS 480.525, 480.545, 480.550, 480.560 & 480.565

Hist.: DC 17, f. 7-31-72, ef. 8-15-72; DC 3-1982, f. & ef. 2-3-82; DC 1-1984, f. & ef. 1-5-84; BCA 4-1989, f. & cert. ef. 4-17-89; Renumbered from 814-025-0003; BCA 4-1989, f. & cert. ef. 4-17-89; BCA 5-1991, f. & cert. ef. 3-15-91; BCA 36-1993, f. 12-30-93, cert. ef. 1-1-94; Renumbered from 918-225-0005; BCD 18-1997, f. 12-3-97, cert. ef. 1-1-98; BCD 26-1998, f. 12-30-98, cert. ef. 1-1-99; BCD 36-2000, f. 12-29-00, cert. ef. 1-1-01; BCD 4-2003, f. & cert. ef. 3-14-03; BCD 17-2005(Temp), f. & cert. ef. 7-12-05 thru 9-30-05; BCD 20-2005, f. 9-15-05, cert. ef. 10-1-05

PART II — EXEMPTIONS

918-225-0300

Fired Water Heaters

Fired water heaters used exclusively for heating water for swimming pools or spas are considered pool boilers and are exempt from the requirements of ORS 480.510 to 480.665 if:

- (1) Units are equipped with a flow switch or pressure switch set at a minimum of 1-1/2 psig;
- (2) No intervening stop valves are installed on the discharge side of the unit;
- (3) Discharge piping is not reduced from the engineered sizing of the fired heater;
- (4) All units are equipped with an ASME-approved pressure relieving device set at 50 psig or lower;
- (5) The unit has a maximum of ten gallons capacity contained within the unit; and
- (6) The burner is wired in series with the circulating pump.

Stat. Auth.: ORS 480.560
 Stats. Implemented: ORS 480.560
 Hist.: DC 7-1986, f. & ef. 5-5-86; DC 3-1987, f. & ef. 2-18-87; Renumbered from 814-025-0038; BCA 36-1993, f. 12-30-93, cert. ef. 1-1-94; Renumbered from 918-225-0065

**918-225-0310
 Refrigerant Piping Systems; Components**

- (1) The requirements of OAR 918-225-0430(5) shall be enforced under this rule for all refrigerant piping systems consisting of welded, brazed or mechanically assembled piping and piping fittings exceeding 2 inches NPS, and containing any refrigerant chemical rated as other than A-1 or B-1 by the American Society of Heating, Refrigeration and Air Conditioning Engineers (ASHRAE 34) as adopted by the **Oregon Mechanical Specialty Code**.
- (2) One and two-family dwelling units and air conditioning refrigeration systems used solely for human comfort are exempt from this rule.
- (3) All refrigeration piping system requirements other than those regulated by this rule are subject to the **Oregon Mechanical Specialty Code**.

[Publications: Publications referenced are available from the agency.]
 Stat. Auth.: ORS 480.550
 Stats. Implemented: ORS 480.550
 Hist.: BCD 35-2000, f. 12-29-00, cert. ef. 7-1-01

**918-225-0315
 Process Piping Systems, Scope and Purpose**

- (1) For the purposes of the **Oregon Boiler and Pressure Vessel Specialty Code**, the requirements of OAR 918-225-0430(4) shall be applied to only Category "M" fluid service

process piping systems, as described in **ASME B31.3, Appendix "M,"** Guide to Classifying Fluid Service. For the purposes of these rules, "process piping systems" consists of welded, brazed, mechanically or chemically assembled piping listed as Category "M" by the owner. Process piping systems begin at the first, flanged, screwed or circumferential joint outside the supply or source to the destination excluding manufactured packaged components. Process piping does not include liquefied petroleum gas piping.

(2) For the purposes of these rules, seismic provisions and additional requirements associated with process piping systems classified as Category "M" fluid service and the structure to which these systems are attached, shall be regulated and inspected under the provisions of the **Oregon Structural Specialty Code**.

(3) Businesses and owner-users installing process piping classified as Category "M" fluid service must meet the requirements under OAR 918-225-0640, 918-225-0720, 918-225-0730 and 918-225-0740 as appropriate. Individuals installing Category M fluid service process piping must be licensed under OAR 918-225-0691 on or before July 1, 2003, unless they meet the requirements of these rules under OAR 918-225-0720 or owner-users under 918-225-0740.

[Publications: Publications referenced are available from the agency.]
 Stat. Auth.: ORS 480.545, 480.565, 480.605, 480.607 & 480.647
 Stats. Implemented: ORS 480.545, 480.565, 480.605, 480.607 & 480.647
 Hist.: BCD 4-2003, f. & cert. ef. 3-14-03

**918-225-0320
 Refrigerant or Air Conditioning Pressure Vessels**

- (1) Refrigerant or air conditioning pressure vessels containing three cubic feet, or less, volume of non-corrosive gases are exempt from ORS 480.510 to 480.665 if the pressure vessel is manufactured in accordance with the **Boiler and Pressure Vessel Code, (ASME Section VIII, Division I)**, and registered with the National Board of Boiler and Pressure Vessel Inspectors as required by OAR 918-225-0450(1).

(2) The installation and operation of these vessels are covered by the **Oregon Mechanical Specialty Code** or mechanical aspect of the **One and Two Family Dwelling Specialty Code**.

[Publications: Publications referenced are available from the agency.]

Stat. Auth.: ORS 480.560

Stats. Implemented: ORS 480.560

Hist.: DC 26-1978, f. 9-21-78, ef. 10-1-78; DC 2-1985, f. & ef. 1-4-85; Renumbered from 814-025-0042; BCA 36-1993, f. 12-30-93, cert. ef. 1-1-94; Renumbered from 918-225-0080

918-225-0330

Exemption of Unfired Pressure Vessels with an Inside Diameter of Six Inches and Less

(1) Vessels with an inside diameter or cross section diagonal not exceeding six inches, equipped with an approved pressure relieving device are exempt from ORS 480.510 to 480.665.

(2) No limitations are placed on length of vessel or pressure.

[Publications: Publications referenced are available from the agency.]

Stat. Auth.: ORS 480.560

Stats. Implemented: ORS 480.560

Hist.: DC 18-1980, f. & ef. 8-22-80; BCA 2-1988, f. & cert. ef. 2-22-88; Renumbered from 814-025-0043; BCA 36-1993, f. 12-30-93, cert. ef. 1-1-94; Renumbered from 918-225-0085

918-225-0340

Pressure Containing Parts of Piping Components

The following are exempt from the requirements of ORS 480.510 to 480.665:

(1) Pressure containers which are integral parts or components of rotating or reciprocating mechanical devices, including but not limited to pumps, compressors, turbines, generators, engines and hydraulic or pneumatic cylinders where the primary design considerations or stresses are derived from the functional requirements of the device.

(2) Pressure containing parts of other components, including but not limited to strainers and devices which do mixing, separating, snubbing, distributing and metering or controlling flow, where the parts are generally

recognized as piping components or accessories.

Stat. Auth.: ORS 480.560

Stats. Implemented: ORS 480.560

Hist.: BCA 1-1991, f. 1-18-91, cert. ef. 1-31-91;

BCA 36-1993, f. 12-30-93, cert. ef. 1-1-94;

Renumbered from 918-225-0093

918-225-0350

Hot Water Storage Tanks

Hot water supply storage tanks heated by steam or any indirect means not exceeding any of the following are exempt from ORS 480.510 to 480.665:

(1) A heat input of 200,000 Btu/hr;

(2) A water temperature of 210°F;

(3) A nominal water containing capacity of 120 gallons; or

(4) A maximum working pressure of 150 pounds per square inch gauge pressure.

Stat. Auth.: ORS 480.560

Stats. Implemented: ORS 480.560

Hist.: BCA 1-1991, f. 1-18-91, cert. ef. 1-31-91;

BCA 36-1993, f. 12-30-93, cert. ef. 1-1-94;

Renumbered from 918-225-0094

918-225-0360

Exemption of Certain Pressure Vessels

Pressure vessels for cold water storage, water filter, water softener, or hydro-pneumatic service, and equipped with an ASME approved pressure/ temperature relieving device set at a maximum pressure of 300 psig and a maximum temperature of 210°F., except those pressure vessels connected to an outside air supply, are exempt from the Boiler and Pressure Vessel Law under ORS 480.525(1).

Stat. Auth.: ORS 480.560

Stats. Implemented: ORS 480.560

Hist.: DC 5-1982, f. & ef. 2-3-82; DC 21-1983, f.

& ef. 9-29-83; BCA 6-1987, f. & ef. 8-24-87; BCA

3-1989, f. & cert. ef. 2-8-89; Renumbered from

814-025-0047; BCA 36-1993, f. 12-30-93, cert.

ef. 1-1-94; Renumbered from 918-225-0095;

BCD 18-1997, f. 12-3-97, cert. ef. 1-1-98

918-225-0365

Exemption of Certain Miniature Boilers

A miniature boiler used commercially is exempt from the requirements of ORS 480.510 to 480.665, provided the boiler:

- (1) Does not have more than 1.5 cubic feet of steam space;
- (2) Is operated at not more than 30 pounds per square inch;
- (3) Has a safety valve set at or below 30 pounds per square inch; and
- (4) Meets the safety standards adopted by any of the following laboratories as of December 23, 1994:
 - (a) Underwriters Laboratories, Inc;
 - (b) Edison Testing Labs;
 - (c) Italian Instituto Superiore Per La Prevenzione E La Sicurezza Del Lavoro (ISPESL) also known as the "Italian National Standard"; or
 - (d) Technischer Uberwachungsverein (TUV) also known as the "German National Standard."

Stat. Auth.: ORS 480.545

Stats. Implemented: ORS 480.545

Hist.: BCD 15-1994, f. & cert. ef. 6-14-94; BCD 29-1994, f. & cert. ef. 12-23-94

918-225-0370

Coil-Type Water Boilers

Coil-type water boilers, where the water can flash into steam when released directly to the atmosphere through a manually operated nozzle, are exempt from ORS 480.510 to 480.665 if the following conditions are met:

- (1) There is no drum, header, or other steam space;
- (2) No steam is generated within the coil;
- (3) Tubing outside diameter does not exceed one inch;
- (4) Pipe size does not exceed NPS 3/4;
- (5) Nominal water capacity does not exceed six gallons;
- (6) Water temperature does not exceed 350° F;
- (7) Adequate safety relief valves and controls are provided.

Stat. Auth.: ORS 480.560

Stats. Implemented: ORS 480.560

Hist.: BCA 19-1991(Temp), f. 6-14-91, cert. ef. 6-15-91; BCA 30-1991, f. & cert. ef. 9-9-91; BCA 36-1993, f. 12-30-93, cert. ef. 1-1-94; Renumbered from 918-225-0096

918-225-0380

Refrigeration Chillers

(1) Waterside vessels of refrigeration chillers are exempt under ORS 480.510 to 480.665 if:

- (a) The design pressure does not exceed 300 pounds per square inch gauge, the temperature does not exceed 210°F., and the system includes an ASME-approved relieving device set at a maximum working pressure of 300 pounds per square inch gauge at 210°F;
- (b) The refrigerant side is built in accordance with the minimum safety standards and equipped with an ASME-approved relieving device set at or below the maximum working pressure and temperature as specified on the nameplate for the vessel; and
- (c) All installations of refrigeration chillers comply with ORS 480.630.

(2) Systems connected to an outside heat energy source shall not be exempt from ORS 480.510 to 480.665.

(3) If any of the limitations in section (1) of this rule are exceeded, the chiller must comply with the minimum safety standards.

(4) This exemption does not apply to systems using ammonia as a refrigerant.

[Publications: Publications referenced are available from the agency.]

Stat. Auth.: ORS 480.560

Stats. Implemented: ORS 480.560

Hist.: DC 20-1985(Temp), f. & ef. 9-20-85; DC 5-1986, f. & ef. 3-7-86; Renumbered from 814-025-0049; BCA 4-1990, f. & cert. ef. 2-6-90; BCA 36-1993, f. 12-30-93, cert. ef. 1-1-94; Renumbered from 918-225-0115

918-225-0390

Hobby Miniature Steam Boilers

(1) Steam boilers of a miniature model locomotive, boat, tractor, or stationary engine are exempt from ORS 480.510 to 480.665 if:

- (a) Constructed and maintained for hobby use, and not for commercial use;
- (b) Has an inside diameter not to exceed 12 inches and having a grate area not to exceed 1-1/2 square feet;
- (c) Has working pressure not to exceed 100 psi;

(d) Equipped with an ASME-approved safety valve of adequate capacity, together with a water level indicator and a pressure gauge;

(e) The boiler is inspected and approved by the Division prior to initial operation; and

(f) The boiler is found by the Division to be substantially in accordance with the minimum safety standards for material, design, and fabrication in existence at the time the boiler was manufactured.

(2) This exemption continues as long as:

(a) There is no explosion;

(b) No alteration or repair is made to the boiler affecting its strength or safety.

(3) If alteration or repair is made, the boiler must be requalified for the exemption.

Stat. Auth.: ORS 480.560

Stats. Implemented: ORS 480.560

Hist.: DC 18(Temp), f. & ef. 3-26-73; DC 24, f. 11-15-73, ef. 12-11-73; Renumbered from 814-025-0095; BCA 36-1993, f. 12-30-93, cert. ef. 1-1-94; Renumbered from 918-225-0205; BCD 16-1998, f. 9-30-98, cert. ef. 10-1-98

918-225-0400

Traction Boilers

A traction boiler built prior to 1961 may be operated for hobby or demonstration purposes only if it complies with the following safety standards and requirements:

(1) Before initial operation, the boiler is thoroughly inspected by the Division and evaluated for safety. The selection of appropriate test equipment and procedures shall be at the Division's discretion and at the expense of the owner or user of the boiler. Approval for operation may be conditioned upon passing one or more of the following:

(a) Non-destructive examination equipment such as radiography, ultrasonic thickness testing and magnetic particle, or liquid penetrant process;

(b) Drilling or trepanning of material;

(c) Removal of rivets;

(d) Exposure of all joints and surfaces for visual examination.

(2) An annual opening permit is required. Each traction boiler shall be inspected internally and externally annually and given a hydrostatic test equal to its operating pressure. During the hydrostatic test there shall be no evidence of distortion or leakage in any of the pressure retaining boundaries or appurtenances. The safety valve shall be tested at the time of the external inspection.

(3) Each traction boiler must have an approved safety valve set to relieve at or below the maximum allowable working pressure. To be approved the safety valve shall be ASME Code stamped and National Board rated.

(4) The maximum allowable working pressure shall be calculated using a factor of Safety of 6 and using formula in the minimum safety standards in OAR 918-255-0430(1).

(5) The maximum allowable working pressure of any lap seam traction boiler with a diameter not exceeding 36 inches shall be determined by the Division after appropriate tests. The maximum working pressure shall not exceed 100 psi.

(6) Any repairs by welding or riveting to traction boilers shall be made by shops or contractors possessing a National Board repair symbol stamp. The repair shall be subject to the approval of the Division before and after the repair is made.

(7) Traction boilers operated subject to this rule shall be used for "Hobby or Demonstration" purposes only.

Stat. Auth.: ORS 480.560

Stats. Implemented: ORS 480.560

Hist.: DC 17, f. 7-31-72, ef. 8-15-72; Renumbered from 814-025-0100; BCA 5-1991, f. & cert. ef. 3-15-91; BCA 36-1993, f. 12-30-93, cert. ef. 1-1-94; Renumbered from 918-225-0210; BCD 18-1997, f. 12-3-97, cert. ef. 1-1-98

918-225-0405

Pressure Vessels for Beverage Service

(1) Pressure vessels for beverage service are exempt from internal inspection under OAR 918-225-0570(9) if:

(a) The vessels are built in accordance with the minimum safety standards required by the **Boiler and Pressure Vessel Specialty Code**;

(b) The design pressure does not exceed 300 pounds per square inch; and

(c) The vessels are equipped with an ASME-approved relieving device set at or below the maximum working pressure as specified on the name plate of the vessel.

(2) All installations of beverage service vessels shall comply with ORS 480.630.

[Publications: Publications referenced are available from the agency.]

Stat. Auth.: ORS 480.560

Stats. Implemented: ORS 480.560
 Hist.: BCD 18-1996, f. & cert. ef. 9-17-96; BCD 18-1997, f. 12-3-97, cert. ef. 1-1-98
 Renumbered from 918-225-0580

**PART III — CODES AND VESSEL
 OPERATIONS
 SUBPART A — CODES**

918-225-0430**Designation of Effective Codes**

The **Boiler and Pressure Vessel Specialty Code** containing the minimum safety standards for boilers, pressure vessels, pressure piping, nuclear components, parts, items, and repair and alteration procedures in Oregon is:

(1) ORS 480.510 to 480.665 and OAR chapter 918, division 225;

(2) The **Boiler and Pressure Vessel Code of The American Society of Mechanical Engineers (ASME), 2004 Edition** as published of Section I; Section II, Parts A, B,C and D; Section IV; Section V; Section VI; Section VII; Section VIII, Division 1, 2 and 3; Section IX; and Section X.

(3) The **2004 Edition** of the **ANSI/ASME B31.1 Power Piping Code**.

(4) The **2004 Edition** of the **ANSI/ASME B31.3 Process Piping Code**.

(5) The **2001 Edition** of the **ANSI/ASME B31.5 Refrigeration Piping Code**.

(6)The **1996 Edition** of the **ANSI/ASME B31.9 Building Service Piping Code**.

(7) The **2004 Edition** of the **National Board Inspection Code ANSI/NB 23**;

(8) The **2004 Edition of NFPA 85, Boiler and Combustion Systems Hazards Code**.

(9) The **2004 Edition of ASME CSD-1, Controls for Safety**; and

(10) The alternate methods provisions under OAR 918-225-0440.

[Publications: Publications referenced are available from the agency.]

Stat. Auth.: ORS 455.020, 480.545 & 480.550

Stats. Implemented: ORS 480.545, 480.550 & 480.560

Hist.: DC 17, f. 7-31-72, ef. 8-15-72; DC 19, f. 6-21-73, ef. 7-1-73; DC 27(Temp), f. & ef. 12-31-73; DC 33, f. 5-6-74, ef. 5-25-74; DC 38(Temp), f. & ef. 11-1-74; DC 50,

f. 7-2-75, ef. 7-25-75; DC 89, f. & ef. 6-2-77; DC 93, f. & ef. 7-19-76; DC 1-1978, f. 1-5-78, ef. 1-

15-78; DC 4-1980, f. & ef. 5-30-80; DC 6-1982, f. & ef. 2-4-82; DC 23-1982, f. & ef. 11-9-82; DC 18-1983, f. & ef. 8-11-1983; DC 21-1983, f. & ef. 9-29-83; DC 1-1984, f. & ef. 1-5-84; DC 18-1984, f. & ef. 5-9-84; DC 36-1984, f. & ef. 12-4-84; DC 16-1985, f. & ef. 7-1-85; DC 6-1986, f. & ef. 5-5-86; DC 2-1987, f. & ef. 2-18-87; BCA 5-1987, f. & ef. 8-24-87; BCA 15-1988, f. & cert. ef. 11-16-88; BCA 25-1989, f. & cert. ef. 7-27-89; Renumbered from 814-025-0006; BCA 5-1990, f. & cert. ef. 2-6-90; BCA 26-1990, f. & cert. ef. 10-30-90; BCA 36-1993, f. 12-30-93, cert. ef. 1-1-94; Renumbered from 918-225-0015; BCD 17-1996, f. & cert. ef. 9-17-96; BCD 18-1997, f. 12-3-97, cert. ef. 1-1-98; BCD 26-1998, f. 12-30-98, cert. ef. 1-1-99; BCD 36-2000, f. 12-29-00, cert. ef. 1-1-01; BCD 13-2002, f. 6-28-02, cert. ef. 7-1-02; BCD 17-2005(Temp), f. & cert. ef. 7-12-05 thru 9-30-05; BCD 20-2005, f. 9-15-05, cert. ef. 10-1-05

SUBPART B — VESSEL OPERATIONS

918-225-0450**Manufacturer's Data Reports**

(1) Except as provided in section (3) of this rule, a Manufacturer's Data Report shall be filed with the National Board of Boiler and Pressure Vessel Inspectors before installing any new boiler or pressure vessel subject to installation inspection in Oregon. A copy of the filing is provided to the chief inspector by the National Board of Boiler and Pressure Vessel Inspectors when the boiler is to be installed in Oregon.

(2) A Manufacturer's Data Report shall be filed with the chief inspector before installing any new unfired miniature pressure vessel or used boiler or pressure vessel subject to installation inspection in Oregon.

(3) This rule does not apply to cast iron boilers.

Stat. Auth.: ORS 480.545

Stats. Implemented: ORS 480.545

Hist.: DC 19, f. 6-21-73, ef. 7-1-73; DC 2-1982, f. & ef. 2-3-82; DC 21-1984, f. & ef. 5-15-84; DC 32-1984, f. & ef. 10-19-84; Renumbered from 814-025-0008; BCA 36-1993, f. 12-30-93, cert. ef. 1-1-94; Renumbered from 918-225-0020; BCD 18-1997, f. 12-3-97, cert. ef. 1-1-98

918-225-0460

Reporting of Accidents and Conditions of Use

(1) Any accident, which includes an explosion, fire or major failure of a vessel or a related appurtenance shall be reported to the chief inspector by telephone or FAX, or both, at the Building Codes Division within 24 hours of the occurrence by:

- (a) Vessel owner, whether legal or equitable;
- (b) Vessel user, whether agent of the owner or independent thereof;
- (c) Deputy and special inspectors; or
- (d) Any person licensed or certified under ORS 480.630.

(2) The chief inspector shall cause an immediate inspection of the vessel reported under section (1) of this rule.

(3) Neither the vessel, nor its related appurtenances, shall be changed, altered, repaired or moved (except to give emergency aid or assistance to injured persons), before a deputy or special inspector has been notified of the nature, extent and cause of the accident. The deputy or special inspector shall, at that time, make a determination whether repairs may be undertaken and by what method. The vessel owner or user shall keep any damaged parts of the vessel available, until the inspection required by section (2) of this rule has been made.

(4) Reports made under section (1) of this rule shall not relieve any person from the requirements of an inspection as provided by section (2) of this rule.

Stat. Auth.: ORS 480.545
 Stats. Implemented: ORS 480.545
 Hist.: DC 17, f. 7-31-72, ef. 8-15-72; DC 3-1981, f. & ef. 1-23-81; Renumbered from 814-025-0071; BCA 36-1993, f. 12-30-93, cert. ef. 1-1-94; Renumbered from 918-225-0160

**918-225-0465
 Boiler Room Usage**

(1) Every boiler room shall be maintained for exclusive use of boilers and associated systems, equipment and machinery. Storage of non-boiler-related machinery, equipment or materials in a boiler room is prohibited. Flammable liquid or gas containers shall not be placed or stored in a boiler room.

(2) Boiler water treatment chemicals, boiler maintenance or repair tools and equipment and

boiler record-keeping materials are exempted from section (1) of this rule.

(3) Boiler rooms shall be maintained in an orderly manner. Lighting shall be provided and maintained in accordance with **Table 220-3(a)** of the **Electrical Specialty Code** adopted in OAR 918-305-0100. Trash receptacles containing combustible materials shall be of the selfclosing type.

[Publications: Publications referenced are available from the agency.]
 Stat. Auth.: ORS 480.545
 Stats. Implemented: ORS 480.545
 Hist.: BCD 26-1998, f. 12-30-98, cert. ef. 1-1-99; BCD 36-2000, f. 12-29-00, cert. ef. 1-1-01

**918-225-0470
 Boiler Operation**

The owner-user of a boiler, designed for operation at or above 15 psi steam; or 160 psi or 250 F. water shall insure that all boiler control and safety devices are thoroughly inspected and tested at regular intervals consistent with the provisions of OAR 918-225-0560 and 918-225-0570. A daily record of boiler operation, tests, inspections, maintenance and feed water treatment shall be maintained in or near the boiler room and shall be available for examination by any deputy or special inspector. The record shall include the name and signature of the person assigned responsibility for boiler operations.

(1) A person suitably trained in boiler operation and control must be assigned responsibility for the boiler and shall be in close proximity of the boiler whenever it is in operation. While in operation, the boiler may not be left unattended for any period longer than the response time described in section (3) of this rule.

(2) Each boiler must be equipped with an alarm which operates at the lowest permissible water level or highest permissible operating temperature. The alarm must be audible to the person responsible for operation of the boiler at any time the boiler is in operation. The person must be able to respond to a boiler fault within the response time described in section (3) of this rule. At least one low water control device designed to shut down the boiler when activated, must require manual resetting before the boiler may be restarted.

(3) Response time for a boiler subject to this rule shall be the time required to lower the water level from the normal operating level to the minimum allowable level when the boiler is firing at the maximum rate and the feed water is shut off; or to raise the operating pressure or temperature of a water boiler to the maximum allowable rating.

(4) Boilers using solid fuel not in suspension shall have fuel and water control devices approved by the chief inspector, and in case of feed water failure shall be equipped with a means to effectively reduce or eliminate fuel heat input to the boiler.

(5) Miniature boilers built to **ASME Section I, part PMB** are exempt from this rule. Boilers of historical design, operated for hobby use only, are exempt from section (2) of this rule.

[Publications: Publications referenced are available from the agency.]

Stat. Auth.: ORS 480.545

Stats. Implemented: ORS 480.545

Hist.: DC 17, f. 7-31-72, ef. 8-15-72; DC 24-1982, f. & ef. 11-16-82; Renumbered from 814-025-0085; BCA 36-1993, f. 12-30-93, cert. ef. 1-1-94; Renumbered from 918-225-0190; BCD 4-1995, f. & cert. ef. 3-15-95; BCD 13-1995, f. & cert. ef. 9-15-95; BCD 18-1997, f. 12-3-97, cert. ef. 1-1-98; BCD 36-2000, f. 12-29-00, cert. ef. 1-1-01

918-225-0510

Installation of Buried Vessels

Under no circumstances shall any pressure vessel subject to the Boiler and Pressure Vessel Laws and these rules be buried underground or located in an inaccessible place. Where necessary to install a vessel underground, it shall be enclosed in a concrete or masonry pit with removable cover so that inspection of entire shell and heads of the vessel can be made.

Stat. Auth.: ORS 480.545

Stats. Implemented: ORS 480.545

Hist.: DC 92, f. & ef. 7-19-77; DC 10-1983, f. & ef. 4-28-83; Renumbered from 814-025-0046; BCA 36-1993, f. 12-30-93, cert. ef. 1-1-94; Renumbered from 918-225-0105

PART IV — INSPECTION REQUIREMENTS
SUBPART A — POWERS OF SPECIAL INSPECTOR

918-225-0540

Scope of Special Inspector’s Authority

(1) General inspection requirements are in ORS 480.560.

(2) The type of inspections a special inspector can do is set out in ORS 480.570.

(3) The special inspector’s enforcement powers are in ORS 480.660.

(4) Appeals from special inspector actions are under ORS 480.660(4).

Stat. Auth.: ORS 480.560, 480.570 & 480.660

Stats. Implemented: ORS 480.560, 480.570 & 480.660

Hist.: BCA 36-1993, f. 12-30-93, cert. ef. 1-1-94

SUBPART B — RESPONSIBILITY OF INSPECTORS

918-225-0560

Responsibility of Inspectors

(1) All deputy and special inspectors shall perform boiler, pressure vessel and pressure piping inspections in accordance with the **Boiler and Pressure Vessel Specialty Code** adopted in OAR 918-225-0430 and the following requirements of the division:

(a) For new boilers, the inspector shall verify that the controls and safety devices required by ASME CSD-1 or other construction codes are installed and function as designed in accordance with manufacturer’s instructions;

(b) External boiler inspections shall be performed with the boiler in normal operation. The inspector shall examine all controls, safety devices, water columns and gauge glasses for evidence of tampering and shall verify that all testing has been performed to ensure proper functioning;

(c) Internal boiler inspections shall be performed in a thorough and complete manner. Manways and other inspection openings necessary to perform a particular inspection shall be removed for access to the boiler internals. Water columns, feed water controllers and feed piping shall be inspected internally. The inspector shall visually examine pressure boundary retaining devices, boiler refractory, hangers, clips, boiler tubes and headers and drum internals for damage, corrosion, overheating, welded repairs, feedwater treatment or any detrimental conditions;

(d) The inspector shall explain to the owner or user that any boiler, pressure vessel or pressure piping deficiency requires correction under the **Oregon Boiler Specialty Code**. The inspector shall require conditions not hazardous to health or safety to be corrected within 30 days. The inspector shall require conditions hazardous to health or safety to be corrected prior to operating the equipment. The owner or user of the equipment may apply to the chief inspector for extension of the 30-day correction requirement; and

(e) All inspectors witnessing installation, repair or alteration of boilers, pressure vessels or pressure piping shall verify that the contractor and workers performing the work are appropriately licensed and hold valid permits as required by ORS 480.630.

(2) Failure to comply with subsections (1)(a) through (e) of this rule, or failure of an owner or user to perform a required deficiency correction may cause additional inspections to be performed per ORS 480.570 as directed by the chief inspector.

(3) The responsibilities of process piping inspectors are located in OAR 918-225-0562.

[Publications: Publications referenced are available from the agency.]

Stat. Auth.: ORS 455.030 & 480.545
 Stats. Implemented: ORS 480.545, 480.555, 480.560, 480.565 & 480.570
 Hist.: DC 17, f. 7-31-72, ef. 8-15-72; DC 37-1984, f. & ef. 12-4-84; Renumbered from 814-025-0020; BCA 36-1993, f. 12-30-93, cert. ef. 1-1-94; Renumbered from 918-225-0045; BCD 26-1998, f. 12-30-98, cert. ef. 1-1-99; BCD 4-2003, f. & cert. ef. 3-14-03; BCD 17-2005(Temp), f. & cert. ef. 7-12-05 thru 9-30-05; BCD 20-2005, f. 9-15-05, cert. ef. 10-1-05

918-225-0562

Process Piping Inspector Responsibilities

(1) The process piping inspector shall:

(a) Inspect the Category “M” fluid service process piping to the extent necessary to be satisfied that it conforms to all applicable examination requirements of **ASME B31.3**;

(b) Verify that all required examinations and testing have been completed; and

(c) Complete and sign division-supplied forms and provide them to the authority having jurisdiction, the division and the registered

owner a summary report of the inspections on at least a quarterly basis including information showing who did the inspections.

(2) A certified process piping inspector may delegate inspection responsibility only to other persons when the process piping inspector has:

(a) Provided the name or list of names of the delegees to the authority having jurisdiction and the division; and

(b) Determined the person to whom an inspection function is delegated is qualified to perform that function.

(3) The division may review inspection and installation activities as necessary to determine compliance and may assess an hourly review fee as appropriate.

[Publications: Publications referenced are available from the agency.]

Stat. Auth.: ORS 480.565
 Stats. Implemented: ORS 480.565
 Hist.: BCD 6-2003, f. 3-14-03, cert. ef. 7-1-03

918-225-0565

Reporting of Immediate Hazards to Health or Safety

Deputy and special inspectors shall report immediate hazards to health or safety concerning boilers or pressure vessels to the chief inspector immediately by telephone and also that a notice of defective condition was issued and that the hazardous operations were stopped.

Stat. Auth.: ORS 480.545
 Stats. Implemented: ORS 480.545
 Hist.: DC 17, f. 7-31-72, ef. 8-15-72; DC 11-1985, f. & ef. 5-22-85; BCA 4-1988, f. & cert. ef. 2-22-88; Renumbered from 814-025-0070; BCA 36-1993, f. 12-30-93, cert. ef. 1-1-94; Renumbered from 918-225-0155; BCD 18-1997, f. 12-3-97, cert. ef. 1-1-98 Renumbered from 918-225-0800

SUBPART C — TIMING OF INSPECTIONS

918-225-0570

Timing of Inspections by Special and Deputy Inspectors

Unless special permission is granted by the chief inspector all inspectors shall comply with the following inspection schedule:

(1) Power boilers requiring internal inspections:

(a) Internal inspection due within 180 days prior to inspection due date; and

(b) External inspection due within six months after internal inspection and while boiler is in operation.

(2) Power boilers not requiring internal inspection: External inspection due within 180 days prior to inspection due date.

(3) Cast iron boiler: External inspection due every two years within 180 days prior to inspection due date.

(4) Low pressure steam, hot water supply and hot water heating boilers, construction of which permits an internal inspection:

(a) Internal inspection due every two years within 180 days prior to inspection due date; and

(b) External inspection due during intervening year and while boiler is in operation.

(5) Low pressure steam, hot water heating and hot water supply boilers, the construction of which does not permit an internal inspection: External inspection due every two years within 180 days prior to inspection due date and while the boiler is in operation.

(6) Pressure vessels containing anhydrous ammonia intended for use as fertilizer: External inspection due every three years within 180 days prior to inspection due date.

(7) Fixed vessels, containing only air, not located at a place of public assembly, not exceeding 20 cubic feet in volume and operated at gauge pressures of not more than 200 pounds per square inch and otherwise qualifying for a five-year inspection frequency: Internal inspection, subject to section (11) of this rule, and external inspection due within 180 days prior to inspection due date.

(8) Pressure vessels, not classified in sections (6) and (7) of this rule, and subject to internal corrosion or erosion: Internal inspection, subject to section (11) of this rule, and external inspection due every two years within 180 days prior to the inspection due date.

(9) Unfired pressure vessels, not classified in sections (6) and (7) of this rule, and not subject to internal corrosion: External inspection due every two years within 180 days prior to the inspection due date except for vessels classified under OAR 918-225-0410 which shall be externally inspected every five years within 180 days prior to the inspection due date.

(10) Pressure piping systems containing refrigerants, steam or pressurized condensate: Inspection during fabrication, installation, repair or alteration for verification of compliance with material, welding, brazing and structural support requirements. The inspector may require other tests to verify quality of weldments. This rule does not apply to welded repair of pressure piping under OAR 918-225-0720.

(11) The inspector may waive an internal inspection, under sections (7) and (8) of this rule if the inspector believes from alternate inspection methods an internal inspection is not necessary to verify the safe condition of the vessel. Other tests may be ordered.

(12) Failure to comply with sections (1) through (11) of this rule may cause inspections to be performed by a deputy inspector per ORS 480.570(5) as directed by the chief inspector.

Stat. Auth.: ORS 480.560

Stats. Implemented: ORS 480.560

Hist.: DC 17, f. 7-31-72, ef. 8-15-72; DC 12-1980, f. & ef. 9-12-80; BCA 1-1987, f. & ef. 7-1-87; Renumbered from 814-025-0075; BCA 22-1992(Temp), f. 12-15-92, cert. ef. 1-1-93; BCA 4-1993, f. & cert. ef. 4-5-93; BCA 36-1993, f. 12-30-93, cert. ef. 1-1-94; Renumbered from 918-225-0175; BCD 18-1996, f. & cert. ef. 9-17-96; BCD 18-1997, f. 12-3-97, cert. ef. 1-1-98; BCD 36-2000, f. 12-29-00, cert. ef. 1-1-01

918-225-0580

Pressure Vessels for Beverage Service

(1) Pressure vessels for beverage service are exempt from internal inspection under OAR 918-225-0570(9) if:

(a) The vessels are built in accordance with the minimum safety standards required by the **Boiler and Pressure Vessel Specialty Code**;

(b) The design pressure does not exceed 300 pounds per square inch; and

(c) The vessels are equipped with an ASME-approved relieving device set at or below the maximum working pressure as specified on the name plate of the vessel.

(2) All installations of beverage service vessels shall comply with ORS 480.630.

[Publications: Publications referenced are available from the agency.]

Stat. Auth.: ORS 480.560

Stats. Implemented: ORS 480.560

Hist.: BCD 18-1996, f. & cert. ef. 9-17-96

**PART V — FEES AND PERMITS
SUBPART A — PERMITS**

918-225-0600

Permits

The **Boiler and Pressure Vessel Law** has different permit requirements:

(1) A permit is required by ORS 480.630(6) for each nonexempt vessel installation, repair and alteration.

(2)(a) An operating permit is required under ORS 480.585 before placing a nonexempt vessel into operation;

(b) A special permit is required for insured vessels under ORS 480.600(2);

(c) When a vessel that has a special permit is changed over to Division inspections, an operating permit under subsection (a) of this section is required.

(d) Permits to operate boilers or pressure vessels shall be issued for a set period of time, and shall expire in conjunction with the due date of inspections in OAR 918-225-0570. The permit is issued to the responsible party to operate a certain type of boiler or pressure vessel. The permit will remain in effect and valid if the permitted item is removed and replaced in-kind. "Replacement in kind" means the replacement item is of the same type and same permit code as the original. The responsible party must notify the chief inspector when replacing a permitted item. Operating permits are not transferable to a new responsible party.

(3) No permit is required for shop inspections of vessels manufactured or to be installed in this state under ORS 480.570(2)(a). A permit is required under section (1) of this rule when the vessel is installed.

[Publications: Publications referenced are available from the agency.]

Stat. Auth.: ORS 480.570, 480.585, 480.595, 480.600 & 480.630

Stats. Implemented: ORS 480.570, 480.585, 480.595, 480.600 & 480.630

Hist.: BCA 36-1993, f. 12-30-93, cert. ef. 1-1-94; BCD 18-1997, f. 12-3-97, cert. ef. 1-1-98

918-225-0605

Installation, Alteration and Repair Permit Procedures

The following permit procedures are established for installation, alteration or repair of boilers, pressure vessels or pressure piping systems by licensed contractors.

(1) Obtaining permits. Permit application forms for installation, alteration or repair of boilers, pressure vessels or pressure piping systems must be prepaid. Prenumbered permit application forms may be purchased individually or in bulk, from the Building Codes Division upon payment of \$16.50 for each form.

(2) Prepaid permit application forms do not authorize work until the contractor provides the required information to the division for review and approval. Prior to beginning the intended installation, repair or alteration, the contractor shall notify the deputy or special inspector who will inspect the work. Work shall not begin until the inspector has reviewed and approved the work to be performed.

(3) Filing and processing of permits.

(a) Prenumbered permit applications can be sent to the Building Codes Division Salem office, by mail or by facsimile transmission, or by any other method that delivers the permit application or a facsimile of the application to the division.

(b) The applicant may request approval notification, such as by mail, collect delivery by courier or facsimile transmission, and where the authorization should be delivered.

(c) Upon processing, the notification of approval or denial shall be shown on the permit application. The expenses of delivery other than by mail or facsimile transmission shall be prepaid or sent collect to the person requesting the delivery mode. The approval or denial shall be delivered to the applicant following the instructions provided. If no return instructions are received, the notification shall be by mail.

(4) Upon receipt of permit approval:

(a) The signed approval or facsimile transmittal showing an authorized signature shall be posted at the job site before beginning the work; or

(b) The approved permit number shall be posted at the job site and signed by the contractor.

(5) A permit issued under this rule is not transferable.

(6) The person purchasing the permit application is entitled to a refund upon return of any unused or voided prenumbered and prepaid application form.

(7) This rule does not change the provisions for emergency permits in ORS 480.630(7). It is recommended, but not required, that emergency permits be reviewed and coordinated with the inspector responsible to inspect the completed work.

Stat. Auth.: ORS 480.630

Stats. Implemented: ORS 480.630

Hist.: BCD 10-1995, f. & cert. ef. 8-25-95; BCD 18-1997, f. 12-3-97, cert. ef. 1-1-98; BCD 36-2000, f. 12-29-00, cert. ef. 1-1-01

SUBPART B -- FEES FOR PERMITS AND INSPECTIONS

918-225-0610

Fees for Permits and Inspections

(1) Purpose and Scope of Rules. This rule sets permit and inspection fees.

(2) Authority for Action:

(a) ORS 480.595 authorizes the Board to establish boiler permit fees. ORS 480.607 additionally authorizes establishment of fees and increases up to ten percent on fees set by ORS 480.595(3) and (4), 480.600(2), 480.630(4) and (6);

(b) Other fees are authorized by ORS 480.630.

(3) Permit Fees Generally Under ORS 480.595 are established:

(a) Effective January 1, 2002, under ORS 480.595(3) and 480.607 permit fees, including inspection fees shall be:

(A) Boilers of 15 horsepower or less, \$71.50;

(B) Boilers greater than 15 horsepower to 100 horsepower, \$93.50;

(C) Boilers greater than 100 horsepower to 500 horsepower, \$110;

(D) Boilers greater than 500 horsepower, \$121;

(E) Cast iron boilers, \$71.50;

(F) Pressure vessels having a product volume of 20 cubic feet or less, \$60.50;

(G) Pressure vessels having a product volume greater than 20 cubic feet, \$82.50.

(b) The fee for a reinspection provided in ORS 480.595(4) shall be charged at the rate of \$66 per hour for travel and inspection time to defray the cost of a re-inspection when deviations from the minimum safety standards are found during any inspection.

(4) The fee for the special permit set out in ORS 480.600(2) is \$27.50.

(5) Miscellaneous fees under ORS 480.605:

(a) The fees for shop inspection service provided in ORS 480.605(1) and witnessing hydrostatic or other test under ORS 480.605(3) are:

(A) Hourly charges for travel and inspection, \$66;

(B) Hourly charge for travel and inspections before 8 a.m., after 5 p.m., on weekends and holidays, \$99.

(b) In addition to the hourly charge the actual cost of meals and lodging are also charged.

Stat. Auth.: ORS 480.595, 480.600, 480.605, 480.607 & 480.630

Stats. Implemented: ORS 580.595, 480.600, 480.605, 480.607 & 480.630

Hist.: DC 17, f. 7-31-72, ef. 8-15-72; DC 19, f. 6-21-73, ef. 7-1-73; DC 8-1980, f. & ef. 7-1-80; DC 1-1981, f. & ef. 1-22-81; Renumbered from 814-025-0025; BCA 8-1990, f. 4-18-90, cert. ef. 5-1-90; BCA 13-1990, f. & cert. ef. 6-6-90; BCA 20-1991(Temp), f. & cert. ef. 6-14-91; BCA 30-1991, f. & cert. ef. 9-9-91; BCA 36-1993, f. 12-30-93, cert. ef. 1-1-94; Renumbered from 918-225-0050; BCD 10-1996(Temp), f. & cert. ef. 7-1-96; BCD 28-1996, f. & cert. ef. 12-6-96; BCD 16-1998, f. 9-30-98, cert. ef. 10-1-98; BCD 36-2000, f. 12-29-00, cert. ef. 1-1-01; BCD 13-2002, f. 6-28-02, cert. ef. 7-1-02; BCD 17-2002(Temp), f. & cert. ef. 7-19-02 thru 1-14-03; BCD 31-2002, f. 12-20-02 cert. ef. 1-1-03; BCD 31-2005, f. 12-30-05, cert. ef. 1-1-06

SUBPART C — VOLUME INSPECTIONS

918-225-0620

Inspection Fees at Cost — Notification

Vessels will not be treated as available for inspection at the same location according to ORS 480.600(1) unless the owner or user notifies the authorized inspector in writing at least 30 days prior to the beginning of the inspection period. If notification is not received, regular permit fees shall be charged.

Stat. Auth.: ORS 480.600

Stats. Implemented: ORS 480.600

Hist.: DC 17-1982, f. 7-31-72, ef. 8-15-72; Renumbered from 814-025-0050; BCA 36-1993, f. 12-30-93, cert. ef. 1-1-94; Renumbered from 918-225-0120

918-225-0630

Special Fee for Operating Permits

(1) Persons apply for “at-cost” permit fees pursuant to ORS 480.600(1) shall provide supporting information for estimated inspection and travel time.

(2) The operating permit fee for dryer rolls for a paper machine is \$5.50 per roll, if the machine is under the inspection requirements of ORS 480.600(2).

Stat. Auth.: ORS 480.600
 Stats. Implemented: ORS 480.600
 Hist.: DC 10-1981, f. & ef. 7-6-81; Renumbered from 814-025-0051; BCA 36-1993, f. 12-30-93, cert. ef. 1-1-94; Renumbered from 918-225-0125; BCD 18-1997, f. 12-3-97, cert. ef. 1-1-98; BCD 36-2000, f. 12-29-00, cert. ef. 1-1-01

**PART VI — CERTIFICATION
 SUBPART A — LICENSES AND
 CERTIFICATES; FEES**

**918-225-0640
 Business License and Employee
 Certification Fees**

(1) Licenses and certifications required by ORS 480.630 shall be issued by the division upon payment of fees set forth by this rule and satisfaction of qualifying criteria.

(2) The application fee for a business license shall be \$165 and the application fee for employee certification shall be \$27.50. The licenses and certifications may be renewed annually for a fee equal to the application fee.

Stat. Auth.: ORS 480.630
 Stats. Implemented: ORS 480.630
 Hist.: BCD 36-2000, f. 12-29-00, cert. ef. 1-1-01

**918-225-0650
 Practical Experience Requirement**

Inspectors shall have at least the following practical experience in activities listed by ORS 480.565(1):

- (1) Chief Inspector, ten years experience;
- (2) Deputy or Special Inspector, experience required by the bylaws of the National Board for a commission as a National Board Inspector.

Stat. Auth.: ORS 480.565
 Stats. Implemented: ORS 480.565
 Hist.: BCA 36-1993, f. 12-30-93, cert. ef. 1-1-94

918-225-0660

Certification of Special Inspectors

(1) An application for special inspector certification shall be filed by an employer described in ORS 480.565(3) using forms provided by the division and submitting the appropriate application fee.

(2) The person to be certified shall meet the experience requirements in OAR 918-225-0650 and shall have passed the National Board of Boiler and Pressure Vessel Inspectors Examination.

(3) An examination covering the Oregon Boiler and Pressure Vessel Law, ORS 480.510 to 480.990 and OAR chapter 918, division 225, the **National Board Inspection Code** and **ASME CSD-1** shall be given by the chief inspector to all special inspector applicants.

(4) Special inspector certifications shall be renewed annually, by paying a renewal fee of \$25 prior to January 1 of each year.

(5) When a special inspector leaves the employment of the employer covered by ORS 480.565, the employer shall notify the division and return the special inspector certification.

(6) Process piping inspectors shall be certified pursuant to OAR 918-225-0665.

[Publications: Publications referenced are available from the agency.]

Stat. Auth.: ORS 455.030 & 480.545
 Stats. Implemented: ORS 480.565
 Hist.: DC 17, f. 7-31-72, ef. 8-15-72; DC 27(Temp), f. & ef. 12-31-73; DC 33, f. 5-6-74, ef. 5-25-74; Renumbered from 814-025-0065; BCA 36-1993, f. 12-30-93, cert. ef. 1-1-94; Renumbered from 918-225-0135; BCD 18-1997, f. 12-3-97, cert. ef. 1-1-98; BCD 4-2003, f. & cert. ef. 3-14-03; BCD 17-2005(Temp), f. & cert. ef. 7-12-05 thru 9-30-05; BCD 20-2005, f. 9-15-05, cert. ef. 10-1-05

**918-225-0665
 Certification of Process Piping Inspectors**

(1) Applicants for process piping inspector shall submit an application on division-supplied forms along with a \$110 application fee. The applicant shall pass a division-approved examination on the substance and requirements of **ASME B31.3**, related standards and administrative rules.

(2) Applicants shall demonstrate to the satisfaction of the division not less than 10 years experience in the design, fabrication or

inspection of industrial process piping. Each 20 percent of satisfactorily completed work toward an engineering degree recognized by the Accreditation Board for Engineering and Technology shall be considered equivalent to one year of experience, up to five years total.

(3) The board may consider other experience and education to determine if the experience is equivalent to the requirements in this rule.

(4) Process piping inspector certificate of competency shall be renewed annually. The annual renewal fee shall be \$27.50.

[Publications: Publications referenced are available from the agency.]

Stat. Auth.: ORS 480.545, 480.565, 480.605, 480.607 & 480.647

Stats. Implemented: ORS 480.545, 480.565, 480.605, 480.607 & 480.647

Hist.: BCD 4-2003, f. & cert. ef. 3-14-03

SUBPART B — EXAMINATION AND CERTIFICATION FEES

918-225-0670

Fees for Inspector Examination, Certification and Renewal

(1) Fee for each National Board examination, \$165.

(2) Fee for Certificate of Competency Examination, \$110.

(3) Fee for annual renewal of Certificate of Competency, \$27.50.

(4) Fee to administer continuing education program to be added to the cost of annual renewals of certified individuals, \$10.

(5) Fee to prepare and provide continuing education programs, \$66 per hour or part thereof.

Stat. Auth.: ORS 480.605

Stats. Implemented: ORS 480.605

Hist.: DC 27(Temp), f. & ef. 12-31-73; DC 33, f. 5-6-74, ef. 5-25-74; Renumbered from 814-025-0016; BCA 5-1991, f. & cert. ef. 3-15-91; BCA 36-1993, f. 12-30-93, cert. ef. 1-1-94; Renumbered from 918-225-0040; BCD 36-2000, f. 12-29-00, cert. ef. 1-1-01; BCD 2-2003, f. & cert. ef. 2-3-03

SUBPART C — REVOCATION

OF CERTIFICATION

918-225-0680

Suspension or Revocation of a Deputy or Special Inspector's Certificate of Competency

The following are included in the definition of "incompetence or untrustworthiness" under ORS 480.575:

(1) Failure to make an inspection due within the time period set by any law or administrative rule. This section does not apply when special permission is granted by the chief inspector to change the inspection time;

(2) Failure to make required reports to the division;

(3) Intentional making of false reports;

(4) Failure to report a boiler or pressure vessel being operated without a valid operating permit, that the inspector has reason to know or does know is being operated without a current, valid permit at a location subject to the inspector's authority;

(5) Failure to inspect and report on newly installed boilers or pressure vessels at locations subject to the inspector's authority, when the inspector has reason to know, or does know, that the boiler or pressure vessel has not been reported to the division;

(6) Failure to require correction of conditions in violation of the minimum safety standards in OAR 918-225-0430;

(7) Failure to enforce the **Boiler and Pressure Vessel Specialty Code** at locations subject to the authority of the inspector under ORS 480.570;

(8) Failure to perform one or more of the responsibilities of inspectors in OAR 918-225-0560; or

(9) Any other activity prejudicial to boiler or pressure vessel safety in locations subject to the authority of the inspector under ORS 480.570.

Stat. Auth.: ORS 480.575

Stats. Implemented: ORS 480.575

Hist.: BCA 36-1993, f. 12-30-93, cert. ef. 1-1-94; BCD 18-1997, f. 12-3-97, cert. ef. 1-1-98; BCD 16-1998, f. 9-30-98, cert. ef. 10-1-98; BCD 36-2000, f. 12-29-00, cert. ef. 1-1-01

918-225-0685

Suspension of a Business or Individual License or Certification

(1) The following are included in the definition of “incompetence” under ORS 480.635:

(a) Having performed work requiring a business license under ORS 480.630(1) on two or more occasions without having obtained a valid permit required by ORS 480.630(6);

(b) Having employed an individual to perform work subject to ORS 480.630(2) who did not hold the required license or certification;

(c) Having performed work subject to ORS 480.510 to 480.665 involving welding or brazing, without holding the required certification from the National Board of Boiler and Pressure Vessel Inspectors or from the division;

(d) Not having maintained the quality control requirements of ORS 480.647 as required for the scope of work being performed; or

(e) Having performed work under the requirements of ORS 480.630(2) that is not permitted by the scope of the license.

(2) A person whose license or certification has been suspended under this rule may apply for its reinstatement not less than 90 days from the date of suspension. The chief inspector may withhold reinstatement of a license or certification pending resolution of the alleged violations for which the license or certification was suspended.

Stat. Auth.: ORS 480.635

Stats. Implemented: ORS 480.635

Hist.: BCD 16-1998, f. 9-30-98, cert. ef. 10-1-98

SUBPART D — CERTIFICATION OF EMPLOYEES OF BUSINESSES

918-225-0691

Boiler, Pressure Vessel and Pressure Piping Installation, Alteration or Repair Certification Requirements

Persons installing, altering or repairing boilers and pressure vessels shall be certified under these rules and may only work within the scope of their certification.

(1) Persons desiring to obtain certification under these rules shall:

(a) Meet the qualifications for that certification;

(b) Apply on a division form; and

(c) Pay the appropriate fee.

(2) An applicant may request the Board of Boiler Rules to approve alternate verification of

training and work experience on a case-by-case basis when required by the certifications in sections (5) through (10) of this rule.

(3) Definitions. For the purpose of this rule:

(a) “Direct Supervision” means the person supervised is in the physical presence of a qualified certified person at the job site and the person doing the supervision is directly assigned to monitor and direct the activities of the person supervised;

(b) “Qualified Certified Person” means a person who holds a Class 2, 3, 4, 5, 5-A or 5-B certification and is authorized to do the work involved without supervision;

(c) “Supervision” means the individual person assigned to perform supervision under section (10) of this rule is directly and specifically assigned to monitor and direct the activities of the person being supervised. Both the person performing supervision and those being supervised shall be prepared to identify each other.

(d) “Verifiable” means the matter asserted by an applicant for certification is corroborated by independent evidence or by the sworn statements of others with actual knowledge.

(4) Class 1 Trainee/Helper Certification. A person holding this certification may install, alter or repair boilers, pressure vessels and pressure piping providing the work is of a mechanical nature only. Work performed shall be under the direct supervision of a qualified certified person. Direct supervision must be on a ratio of one qualified certified person to one trainee/helper. No ASME Code welding is permitted. This certification has no fixed or limited duration. A person may be permanently certified under this category. There are no minimum qualifications required for applicants to obtain this certification.

(5) Class 2 Pressure Vessel Installer Certification. A person holding this certification may install or repair unfired pressure vessels by any non-welded method of attachment.

(a) There are no minimum qualifications required to obtain this certification. Applicants shall pass an examination testing the applicant’s knowledge of the Boiler and Pressure Vessel Law, ORS 480.510 to 480.665; OAR chapter 918, division 225; and American Society of Mechanical Engineers, Boiler and Pressure Vessel Code, Section VIII, Division 1, General Requirements.

(b) Persons who install refrigeration process equipment assembled and sold as a modular unit by the manufacturer and who do not attach piping to a pressure vessel during the installation are exempt from this rule. To qualify for this exemption, the attachment shall be made by any method other than fusion welding.

(6) Class 3 Building Service Mechanic Certification. A person holding this certification may install or repair boilers (including boiler and non-boiler external piping) and unfired pressure vessels by a nonwelded method of attachment. Applicants shall:

(a) Have at least 2,000 hours of verifiable experience installing and repairing boilers;

(b) Pass an examination testing the applicants knowledge of:

(A) Boiler and Pressure Vessel Laws, ORS 480.510 to 480.665; OAR chapter 918, division 225; and the general requirements of the **American Society of Mechanical Engineers, Boiler and Pressure Vessel Code, Sections I, IV and VIII, and CSD-1;**

(B) The State of Oregon Boiler Safety Program Study Guide;

(C) Building Service Systems (Hydronics) for boilers and related appurtenances, **American Society of Mechanical Engineers/ASME B31.1 Power Piping and B31.9 Building Service Piping;** and

(D) Structural and mechanical blueprints with the ability to interpret specifications.

(7) Class 4 Boilermaker Certification. A person holding this certification may install, alter or repair boilers and pressure vessels (excluding non-boiler external piping) by welding or other methods of attachment. Applicants shall:

(a) Have 2,000 hours of verifiable experience doing welding and 2,000 hours of verifiable experience doing non-welding applications involving boilers or pressure vessels. The verification must cover welding and non-welding applications separately; and

(b) Pass an examination testing the applicant's knowledge of:

(A) Boiler and Pressure Vessel Laws, ORS 480.510 to 480.665; OAR chapter 918, division 225; and the general requirements of the **American Society of Mechanical Engineers, Boiler and Pressure Vessel Code, Sections I, II, IV, V, VIII and IX, CSD-1, B31.1 and B31.9;**

(B) General boilermaker skills and procedures;

(C) Blueprint reading, layout and shop mathematics;

(D) Interpreting plans and specifications covering installation, alteration, repair, fabrication and erection of boilers and pressure vessels;

(E) Welding process, metallurgy and other procedures particularly applicable to boilers and pressure vessels; and

(F) The State of Oregon Boiler Safety Program Study Guide.

(c) Class 4 Boilermakers may also perform the scope of work allowed under section (8) of these rules providing:

(A) Work may only be done under the supervision of a qualified certified person under section (8) of these rules; and

(B) Prior to any welding, the individual must qualify to supervisor's employer's welding procedures.

(8) Class 5 Pressure Piping Mechanic Certification. A person holding this certification may:

(a) Fabricate, install, alter and repair pressure piping;

(b) Install boilers and pressure vessels by attachment of piping connections; and

(c) Install, assemble and repair cast iron sectional boilers.

(A) Applicants shall have a minimum of 2,000 hours of verifiable experience performing pipe-welding on **ASME B31** pressure piping and 2,000 hours of verifiable experience performing work on pressure piping and boilers; and

(B) Pass an examination testing the applicant's knowledge of:

(i) **American Society of Mechanical Engineers Boiler and Pressure Vessel Code, Sections I and IV, CSD-1 and B31 Pressure Piping;**

(ii) Structural and mechanical blueprints with the ability to interpret specifications;

(iii) Pressure piping systems and controls;

(iv) Boiler and Pressure Vessel Laws, ORS 480.510 to 480.665 and OAR chapter 918, division 225;

(v) The State of Oregon Boiler Safety Program Study Guide; and

(vi) Welding and brazing processes, heat treatment, metallurgy and other procedures applicable to pressure piping systems.

(d) Class 5 Pressure Piping Mechanics may also perform the scope of work allowed under section (7) of these rules providing:

(A) Work may only be done under the supervision of a qualified certified person under section (7) of these rules; and

(B) Prior to any welding, the individual must qualify to supervisor's employer's welding procedures.

(9) Class 5-A Process Piping Mechanic Certification. A person holding this certification may fabricate, install, alter or repair **B31.3** process piping. Applicants shall:

(a) Have a minimum of 2,000 hours of verifiable experience performing pipe-welding or brazing on B31.3 process piping and 2,000 hours of verifiable experience performing work on pressure piping; and

(b) Pass an examination testing the applicant's knowledge of:

(A) **American Society of Mechanical Engineers Boiler and Pressure Vessel Code, Section B31.3;**

(B) Structural and mechanical blueprints with the ability to interpret specifications;

(C) Pressure piping controls;

(D) Boiler and Pressure Vessel Laws, ORS 480.510 to 480.665 and OAR chapter 918, division 225; and

(E) Welding, brazing, chemical bonding procedures, heat treatment, metallurgy and other procedures applicable to pressure piping systems.

(10) Class 5-B Refrigeration Piping Mechanic Certification. A person holding this certification may fabricate, install, alter or repair **B31.5** refrigeration piping. Applicants shall:

(a) Have a minimum of 2,000 hours of verifiable experience performing pipe-welding or brazing on B31.5 refrigeration piping and 2,000 hours of verifiable experience performing work on pressure piping; and

(b) Pass an examination testing the applicant's knowledge of:

(A) **American Society of Mechanical Engineers Boiler and Pressure Vessel Code, Section B31.5;**

(B) Structural and mechanical blueprints with the ability to interpret specifications;

(C) Pressure piping controls;

(D) Boiler and Pressure Vessel Laws, ORS 480.510 to 480.665 and OAR chapter 918, division 225; and

(E) Welding, brazing, heat treatment, metallurgy and other procedures applicable to pressure piping systems.

(11) Class 6 Welder Certification. A person holding this certification may weld on boilers, pressure vessels or pressure piping while employed by an approved welding employer. Work may only be performed under the supervision of a person certified under sections (7) through (10) of this rule as applicable. More than one welder may be supervised by one appropriately qualified certified person under this certification.

(a) A Class 6 Welder may also perform the scope of work under section (4) of this rule providing the work performed is under the direct supervision of a qualified certified person under sections (5) through (10) of these rules.

(b) Applicants shall be qualified as a welder in accordance with the **American Society of Mechanical Engineers Boiler and Pressure Vessel Code, Section IX, Part QW**. The employer shall attest in writing that the applicant is qualified under that code section and is currently qualified to that employer's welding procedures. This written statement is not transferable to another employer.

(12) Certifications may be renewed annually providing the person is in good standing and:

(a) Completes 8 hours of division-approved continuing education; and

(b) Pays renewal fee.

(13) Class 1 Trainee/Helpers and Class 6 Welders are exempt from the continuing education requirements.

[Publications: Publications referenced are available from the agency.]

Stat. Auth.: ORS 480.545 & 480.630

Stats. Implemented: ORS 480.630

Hist.: BCD 7-2003, f. 3-14-03, cert. ef. 7-1-03; BCD 13-2003, f. 6-26-03, cert. ef. 7-1-03; BCD 3-2004(Temp), f. & cert. ef. 3-8-04 thru 9-3-04; BCD 9-2004, f. 6-21-04, cert. ef. 7-1-04

SUBPART E — CONTRACTOR RESPONSIBILITIES

918-225-0700

Responsibility of Contractors

(1) Persons licensed by the division for the business of installing, repairing or altering boilers, pressure vessels or pressure piping

shall meet and maintain the minimum requirements of the Oregon Construction Contractors Board.

(2) Contractors shall correct any condition or deficiency resulting from installations, repairs or alterations, which are determined by any deputy, special inspector or process piping inspector to be a violation of the minimum safety standards of the **Oregon Boiler and Pressure Vessel Specialty Code**.

(3) Contractors shall prepare and submit any documentation required by construction codes, repair and alteration standards or the authority having jurisdiction.

(4) Boiler contractors are directly responsible for assuring that all persons they employ have correct certification and are properly supervised in the installation, repair or alteration of boilers, pressure vessels or pressure piping systems. Supervision of persons holding a Class 1 or Class 6 certification shall meet the requirements of OAR 918-225-0690.

[Publications: Publications referenced are available from the agency.]

Stat. Auth.: ORS 480.545

Stats. Implemented: ORS 480.545

Hist.: BCD 36-2000, f. 12-29-00, cert. ef. 1-1-01; BCD 6-2003, f. 3-14-03, cert. ef. 7-1-03

**PART VII — CODE WELDING
REQUIREMENTS
SUBPART A — OWNERS-USERS**

918-225-0720

Welding Requirements for Owner-Users

(1) An owner-user may use its own employees to repair or install boilers, pressure vessels or pressure piping, provided it develops, certifies and maintains a welding program meeting the requirements of the **Boiler Specialty Code (ASME Section IX, Part QW)**.

(2) The owner-user's welding program shall be reviewed for conformance with welding program requirements by the authorized inspector performing welding inspections.

(3) The owner-user is responsible for the use of proper materials when doing code repairs.

(4) Prior to welding on code materials, the owner-user shall notify a deputy, special inspector or process piping inspector who will

review the proposed work and who will inspect the work when it is completed.

[Publications: Publications referenced are available from the agency.]

Stat. Auth.: ORS 480.545 & 480.647

Stats. Implemented: ORS 480.545 & 480.647

Hist.: BCA 36-1993, f. 12-30-93, cert. ef. 1-1-94; BCD 18-1997, f. 12-3-97, cert. ef. 1-1-98; BCD 16-1998, f. 9-30-98, cert. ef. 10-1-98; BCD 36-2000, f. 12-29-00, cert. ef. 1-1-01; BCD 6-2003, f. 3-14-03, cert. ef. 7-1-03

**SUBPART B — BUSINESSES THAT DO
WELDING**

918-225-0730

Requirements for Businesses Doing Welding or Brazing

All persons in the business of installing, altering or repairing boilers, pressure vessels, or pressure piping shall develop and maintain a quality control system before doing welding or brazing:

(1) Boilers and pressure vessels. For welding on a boiler, boiler external piping as defined by ORS 480.515 and pressure vessels, the person shall develop and maintain a quality control system under the "R" Stamp requirements of the **National Board Inspection Code**.

(2) Pressure piping. For welding or brazing on pressure piping, the person shall develop and maintain a quality control system under either Section (1) of this rule or under OAR 918-225-0740.

[Publications: Publications referenced are available from the agency.]

Stat. Auth.: ORS 480.545 & 480.647

Stats. Implemented: ORS 480.545 & 480.647

Hist.: BCA 6-1990, f. & cert. ef. 3-13-90; BCA 24-1991(Temp), f. 7-3-91, cert. ef. 7-1-91; BCA 30-1991, f. & cert. ef. 9-9-91; BCA 36-1993, f. 12-30-93, cert. ef. 1-1-94; Renumbered from 918-225-0195; BCD 18-1997, f. 12-3-97, cert. ef. 1-1-98; BCD 16-1998, f. 9-30-98, cert. ef. 10-1-98; BCD 35-2000, f. 12-29-00, cert. ef. 7-1-01

918-225-0740

**Quality Control System for Pressure Piping;
Oregon “O” Certificate of Authorization**

(1) This rule contains procedures for persons to develop and qualify a quality control system for welding or brazing on pressure piping other than boiler external piping.

(2) An application for approval of a quality control system shall include one copy of a proposed quality control manual. The manual shall include the elements described by the Building Codes Division Sample Quality Control Manual provided to the applicant as a guide. A Quality Control Manual will be reviewed and the applicant billed at board-established shop inspection rates.

(3) If welding, brazing, mechanical or chemical assembly will occur on Category M fluid service process piping, the quality control manual shall include processes and procedures demonstrating compliance with **ASME B31.3**. The registered business or owner-user shall ensure that the process piping inspector provides and updates a list of persons to whom the inspector has delegated responsibility under OAR 918-225-0562.

(4) After acceptance of the proposed quality control system, the applicant must demonstrate practical application of the system and the proficiency of the persons doing welding or brazing. The applicant shall provide the facilities, equipment and materials for the demonstration.

(5) The Certificate of Authorization issued to a successful applicant expires three years from date of issue. The same procedures for qualifying shall be followed for renewal. Copies of the manual do not need to be resubmitted if the only change is the effective date.

[Publications: Publications referenced are available from the agency.]

Stat. Auth.: ORS 480.647
 Stats. Implemented: ORS 480.647
 Hist.: BCA 24-1991(Temp), f. 7-3-91, cert. ef. 7-1-91; BCA 30-1991, f. & cert. ef. 9-9-91; BCA 36-1993, f. 12-30-93, cert. ef. 1-1-94; Renumbered from 918-225-0196; BCD 18-1997, f. 12-3-97, cert. ef. 1-1-98; BCD 35-2000, f. 12-29-00, cert. ef. 7-1-01; BCD 13-2002, f. 6-28-02, cert. ef. 7-1-02; BCD 6-2003, f. 3-14-03, cert. ef. 7-1-03

**SUBPART C — SAFETY AND
SAFETY RELIEF VALVES**

918-225-0745

Contractor Registration

(1) All persons in the business of assembling, repairing or adjusting safety or safety relief valves shall adopt a quality control system under the “VR” Symbol Stamp of the National Board.

(2) An owner-user may use its own employees to repair or adjust safety or safety relief valves for its own use, provided it adopts a quality control system under the “VR” Symbol Stamp requirements of the National Board.

Stat. Auth.: ORS 480.545
 Stats. Implemented: ORS 480.545
 Hist.: BCD 18-1997, f. 12-3-97, cert. ef. 1-1-98

PART IX — INSURED VESSELS

918-225-0780

Filing of Insurance Notices

Insurance companies shall notify the Division within 30 days of providing insurance, cancellation or suspension of insurance or nonrenewal of insurance regarding boilers or pressure vessels. This notice shall be on a Division-approved form and shall use Oregon State Numbers to designate the boilers or pressure vessels involved.

Stat. Auth.: ORS 480.545
 Stats. Implemented: ORS 480.545
 Hist.: DC 92, f. & ef. 7-19-77; Renumbered from 814-025-0066; BCA 36-1993, f. 12-30-93, cert. ef. 1-1-94; Renumbered from 918-225-0140

918-225-0800

Reporting of Immediate Hazards to Health or Safety

Special inspectors shall report immediate hazards to health or safety concerning insured vessels to the chief inspector immediately by telephone and also advise whether a notice of defective condition was issued and whether operations were stopped.

Stat. Auth.: ORS 480.545
 Stats. Implemented: ORS 480.545
 Hist.: DC 17, f. 7-31-72, ef. 8-15-72; DC 11-1985, f. & ef. 5-22-85; BCA 4-1988, f. & cert. ef. 2-22-88; Renumbered from 814-025-0070; BCA

36-1993, f. 12-30-93, cert. ef. 1-1-94;
Renumbered from 918-225-0155

918-225-0900

Required Programs for Licensees; Exemptions

(1) During each one-year license period, licensed pressure vessel installers, building service mechanics, boilermakers, and pressure piping mechanics shall complete at least eight hours of division-approved continuing education. Failure to comply with this requirement will result in the expiration of the license.

(2) All continuing education training shall be approved by the division for licensed persons who work for employers that install, alter or repair boilers, pressure vessels and/or pressure piping. Programs not approved by the division are not acceptable.

(3) Notwithstanding any other provision within these rules, upon written request of licensee(s) with hardship or illness, the division may approve a continuing education program at any time during a calendar year. All requests shall be reported to the board.

Stat. Auth.: ORS 480.630
Stats. Implemented: ORS 480.630
Hist.: BCD 2-2003, f. & cert. ef. 2-3-03

918-225-0910

Minimum Requirements for Program Approval

Continuing education programs must:

- (1) Be at least one hour long;
- (2) Cover:
 - (a) Articles of the American Society of Mechanical Engineers Boiler and Pressure Vessel Codes; and
 - (b) The Oregon Boiler Law (ORS 480.515 through 480.990 and OAR 918-225-0220 through 918-225-0800);
- (3) Have a division-approved instructor; and
- (4) Be approved for continuing education credits set by the division.

Stat. Auth.: ORS 480.630
Stats. Implemented: ORS 480.630
Hist.: BCD 2-2003, f. & cert. ef. 2-3-03

918-225-0920

Program Approval Procedure

(1) Applications for program approval shall include:

- (a) The name and description of the program;
- (b) A program outline, including a process for student evaluation;
- (c) The name, address and telephone number of the contact person;
- (d) The proposed instructor and instructor qualifications;
- (e) A class schedule (date, time and location);
- (f) A list or sample of program materials;
- (g) Credit hours requested;
- (h) Any limitations on who can attend and, if open to the public, the fee; and
- (i) Agreement for division monitoring and evaluation. Upon request by the division, attendees will be requested to make program and instructor evaluations.

(2) The division shall report programs approved or denied to the board.

(3) Unless otherwise stated, program and instructor approvals shall be effective for one calendar year. Subsequent applications for the same program may incorporate by reference all or part of the original application.

Stat. Auth.: ORS 480.630
Stats. Implemented: ORS 480.630
Hist.: BCD 2-2003, f. & cert. ef. 2-3-03; BCD 3-2004(Temp), f. & cert. ef. 3-8-04 thru 9-3-04; BCD 9-2004, f. 6-21-04, cert. ef. 7-1-04

918-225-0930

Instructor Approval

An instructor may be approved by the division at any time. Instructors shall have experience and expertise in the area of instruction, satisfactory to the division.

Stat. Auth.: ORS 480.630
Stats. Implemented: ORS 480.630
Hist.: BCD 2-2003, f. & cert. ef. 2-3-03

918-225-0940

Boiler Continuing Education Program Credit Hours Granted

(1) Programs may receive one to eight credit hours. The actual instruction time shall be at least equal to the approved credit hours less a five-minute break per hour.

(2) Credits shall be granted only upon completion of the entire approved program. Partial credit shall not be given.

(3) Continuing education instructors shall receive credit for type of programs taught.

Stat. Auth.: ORS 480.630

Stats. Implemented: ORS 480.630

Hist.: BCD 2-2003, f. & cert. ef. 2-3-03

918-225-0950

Evidence of Completion

(1) The continuing education instructor shall verify class attendance on division forms within 15 days following the completion of the program, by the program provider.

(2) Certificates shall be provided to persons completing the program. The certificate is the licensee's evidence of completion in the event division records are challenged.

Stat. Auth.: ORS 480.630

Stats. Implemented: ORS 480.630

Hist.: BCD 2-2003, f. & cert. ef. 2-3-03

918-225-0960

Renewal of License

An applicant for license renewal who has not met the continuing education requirements shall not receive a renewal. A person whose license renewal is denied may request a contested case hearing.

Stat. Auth.: ORS 480.630

Stats. Implemented: ORS 480.630

Hist.: BCD 2-2003, f. & cert. ef. 2-3-03

918-225-0970

Withdrawal of Program or Instructor Approval

An instructor or program approval may be withdrawn by the division if the instructor fails to follow the representations in the application or for inappropriate behavior in the classroom. The decision to withdraw a program or instructor approval may be appealed to the Director in writing within 30 days of the withdrawal.

Stat. Auth.: ORS 480.630

Stats. Implemented: ORS 480.630

Hist.: BCD 2-2003, f. & cert. ef. 2-3-03