

## Chapter 447

### 1955 REPLACEMENT PART

## Plumbing Code

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### REGULATION OF PLUMBING AND SEWAGE CESSPOOL WORK GENERALLY

**447.010 Definitions.** (1) As used in this chapter, unless the context requires otherwise, "board" means the State Board of Health.

(2) "Plumbing" is the art of installing, altering or repairing in or adjacent to or serving buildings:

(a) Pipes, fixtures and other apparatus for bringing in the water supply and removing liquid and water-carried waste, including the water supply distributing pipes.

(b) Fixtures and fixture traps.

(c) Soil, waste and vent pipes.

(d) House drain and house sewer to the sewer service lateral at the curb, or in the street, or alley, or other disposal terminal holding human or domestic sewage.

(e) Storm-water drainage, with their devices, appurtenances and connections.

(3) "Sewage cesspool work" shall mean the construction of sewage cesspools, septic tanks, disposal fields and dry wells having a connection with the building or structure drain or rain drain except streets, highways, dams, airports and other heavy construction projects, and the pumping out or cleaning of sewage cesspools and septic tanks, including all grading, excavating and earth moving work connected therewith, except that work performed under the supervision of a builder or contractor in connection with and at the time of the construction of a building or structure. [Subsection (3) enacted as 1955 c.548 §2]

**447.020 Plumbing to conform to requirements; enforcement.** (1) All installations of plumbing and drainage in buildings and structures in this state and all potable water supply, drainage, waste, and sewage disposal installations, within or serving such buildings or structures, except in temporary construction camps, and except as otherwise provided in this chapter, shall be made in accordance with the requirements of this chapter.

(2) The board is required to see that this chapter is enforced.

**447.030 Registration certificate for plumbing; application; fee; issue; expiration.** (1) Every person, firm and corporation engaged in the business of furnishing labor and material, or labor only, to alter, renovate or install plumbing in this state

shall, on or before July 1 of each year, file with the State Board of Health an application in writing for registration.

(2) The application shall state:

(a) The name and address of the applicant.

(b) In case of firms, the names and post-office addresses of the individuals composing the firm.

(c) In case of corporations, the names of their managing officials.

(d) The location of the business of the applicant and the name under which the business is to be conducted.

(3) No registration shall be made or entered until the applicant has paid a registration fee of \$25 to the board which shall issue to such person, firm or corporation a certificate of registration.

(4) All certificates shall bear the date of issue and shall expire on July 1 next following the date of issue.

**447.033 Registration certificate for sewage cesspool work; application; fee; issue; expiration.** (1) Every person, firm and corporation engaged in the business of furnishing labor and material or labor only for sewage cesspool work shall on or before July 1 of each year file with the State Board of Health an application in writing for registration.

(2) Such application shall state:

(a) The name and address of the applicant.

(b) In case of firms, the names and post-office addresses of the individuals composing the firm.

(c) In case of corporations, the names of their managing officials.

(d) The location of the business of the applicant and the name under which the business is to be conducted.

(3) No registration shall be made or entered pursuant to this section until the applicant has paid a registration fee of \$25 to the board and filed the bond required by ORS 447.035 with the board which shall issue to such person, firm or corporation a certificate of registration.

(4) All certificates shall bear the date of issue and shall expire on July 1 next following the date of issue. [1955 c.548 §§3, 4]

**447.035 Bond securing compliance with provisions regulating sewage cesspool work must be executed by applicant.** Every applicant under ORS 447.033 shall execute a bond in the penal sum of \$1,000 in favor of the

State of Oregon. Said bond shall be executed by the applicant as principal and by a surety company authorized to transact a surety business within the State of Oregon as surety. Such bond shall be filed with the board in accordance with the following conditions: In the construction, installation, alteration or repair of sewage cesspool work the principal shall comply with all the provisions of this chapter regulating such work, and that any person injured by a failure so to comply may have a right of action on said bond in his own name; provided that such action be commenced within one year after the completion of such work; but the surety on such bond shall not be liable thereunder to any such person in an amount in excess of \$1,000. [1955 c.548 §5]

**447.040 Registration mandatory.** No person shall engage in or follow the business or occupation of, or advertise or hold himself out as or act temporarily or otherwise as registered to conduct a plumbing business, or engage in sewage cesspool work, and no member or employe of a firm, partnership or corporation shall engage in the layout or superintending of plumbing installations, or sewage cesspool work, without having secured the certificate of registration required by this chapter. [Amended by 1955 c.548 §6]

**447.050 Denial and revocation of certificate; hearing; notice.** (1) The board may revoke any certificate of registration if it is obtained through error or fraud or if the holder thereof fails to comply with this chapter.

(2) Whenever, in the judgment of the board, the holder of a certificate has failed to comply with this chapter or the rules and regulations of the board, it shall revoke the certificate.

(3) No application for a certificate shall be denied, nor shall any certificate be revoked, by the board, without first giving the holder thereof full opportunity to be heard regarding the denial or revocation. Notice of the hearing shall be given in writing by receipted registered mail or by personal service, at least 10 days before the date of hearing and shall state the place, date and hour of hearing, and grounds of cancellation or revocation.

**447.060 Engaging in certain plumbing or sewage cesspool work not affected by this chapter.** Nothing in this chapter prevents a person, firm or corporation from:

(1) Engaging in plumbing work, or sewage cesspool work, when not so engaged for hire.

(2) Utilizing the services of regular employes in doing any plumbing work, or sewage cesspool work, for the benefit of property owned, leased or operated by such employer. [Amended by 1955 c.548 §7]

**447.070 Registration prerequisite to maintenance of legal action.** No person carrying on, conducting or transacting a plumbing business, or engaging in sewage cesspool work, may maintain any suit or action in any of the courts of this state without alleging and proving that he was duly registered under ORS 447.030 or 447.033 at the time of performing such work. [Amended by 1955 c.548 §8]

**447.080 Municipal plumbing regulations.** Nothing in this chapter prevents any city from enacting and enforcing ordinances or building codes for the regulation of the business of master plumbing, or sewage cesspool work, or which prescribe the manner in which plumbing and drainage work shall be installed in such city, except that such ordinances or codes shall not prescribe a lower standard of installation of plumbing and drainage work or sewage cesspool work than that prescribed in this chapter. [Amended by 1955 c.548 §9]

**447.090 Plumber's Code Account; source; use.** (1) There is established in the General Fund of the State Treasury an account to be known as the Plumber's Code Account.

(2) All fees provided for in this chapter shall be paid to the State Board of Health which shall deposit the same monthly in the State Treasury. The State Treasurer shall place them to the credit of the Plumber's Code Account.

(3) All payments made by the board in enforcing this chapter and ORS chapter 693 are appropriated for the purpose of carrying out this chapter and ORS chapter 693.

(4) All necessary expenses of the board in carrying out this chapter and ORS chapter 693 shall, after approval by the board, be audited by the Secretary of State and paid from the Plumber's Code Account in the same manner as other claims against the state are paid.

**447.100** [Reserved for expansion]

**FIXTURE INSTALLATION  
REGULATIONS**

**447.110 Pipes, fittings and fixtures generally.** (1) All waste water and sewage from plumbing fixtures and appliances connected to the drainage system or water supply, or both, installed in any building or structure shall be:

(a) Conveyed and discharged from the trap of such fixture or appliance through either galvanized wrought-iron pipe, cast-iron pipe, brass or lead pipe to a point at least five feet outside the line of such building or structure.

(b) Carried or discharged from such pipe to a sewer, cesspool or ultimate point of discharge through either a continuation of such pipe, or through terra cotta cement sewer pipe, bituminized fiber pipe or other suitable conveyor.

(2) Where galvanized wrought-iron pipe is used for waste pipe, the fittings used in conjunction therewith shall be cast-iron, recessed screwed fittings. All fittings in horizontal soil and waste lines shall be long pattern soil or waste fittings.

(3) All soil, waste and vent pipe installed underground within five feet of the building, or in buildings four stories or more in height, shall be cast-iron pipe.

(4) Whenever acids or corrosive industrial wastes are discharged into the drain lines, the wastes and drain lines shall be constructed of a material approved by the board.

(5) The board may approve the use of pipe and fittings constructed of material other than that specified in this chapter for soil, waste, vent and sewers, if the manufacturer can furnish test reports, samples and whatever other data may be required to establish to the satisfaction of the board the acceptability of such material.

(6) All fixtures shall be connected with soil, waste and vent pipes of not less than the following minimum sizes:

(a) Wash basins, one and one-fourth inches.

(b) Sinks, bath tubs and laundry trays, one and one-half inches.

(c) Water closets, four inches.

(7) All fixtures shall be connected with soil, waste and vent pipes of such size and slope as to afford adequate capacity for the maximum load that may be potentially possible at any given time.

**447.120 Vent pipes and fittings.** (1) Vent pipes shall be of cast-iron pipe, lead or brass pipe, or galvanized wrought-iron or steel pipe.

(2) Vent fittings shall be of cast-iron, threaded brass fittings or galvanized malleable iron fittings.

(3) Each fixture shall have a vent not less in size than size of trap of such fixture, excepting water closets, which shall have vent of not less than two inches; provided, that one four-inch stack shall be extended through the roof.

(4) Whenever it is impossible to vent a plumbing fixture in accordance with the plumbing code, the fixture shall be installed in some other manner which meets the approval of the board.

(5) Each building drain carrying the discharge from one or more water closets and connected to a separate sewer branch, cesspool or septic tank shall have at least one four-inch branch extending through and above the roof.

(6) Soil, waste and vent lines shall be sized in accordance with the tables set forth in the regulations of the board.

(7) All vents shall extend to and at least one foot above the roof of the building. Vents shall terminate at least 12 feet away from or two feet above any air intake, door or window and at least 12 feet from another building or property line, lot line on street or alley excepted.

(8) Each fixture shall be separately and efficiently trapped.

(9) All joints of bell and spigot cast-iron soil pipe shall be made with oakum and molten lead properly calked so as to be gas and water tight.

(10) Threaded cast-iron pipe used in the plumbing system shall be in accordance with federal specifications for threaded cast-iron pipe.

**447.130 Water-service system.** (1) The water-service pipe to any building shall be of sufficient size to permit a continuous and ample flow of water on all floors at a given time.

(2) In no case shall the service pipe from the street main or other source of supply to the hot water branch tee in the building be less than three-quarter inch. It shall be so graded in size as to make for equal distribution of the water to the respective risers and branches in accordance with the

need of the fixture or flushing medium employed.

(3) All fixtures shall be supplied with fresh water sufficient to flush the same. Floor drains and sumps shall be supplied with water automatically.

#### **447.140 Waste and sewage; prohibitions.**

(1) All waste water and sewage from plumbing fixtures shall be discharged into a sewer system, septic tank disposal system or sewage cesspool.

(2) No septic tank, disposal field or sewage cesspool shall be constructed within 50 feet of any well. No septic tank shall be constructed with a minimum capacity of less than 500 gallons. Septic tanks, sewage cesspools and dry wells, together with drainage trenches, drainage tile, sewage cesspools or leaching sewage cesspools for the disposal of septic tank effluent shall be constructed and installed in accordance with the rules and regulations of the board.

(3) No plumbing fixture, device or equipment shall be installed, maintained or offered for sale which will provide a cross-connection between the distributing system of water for drinking and domestic purposes and any other water supply, or a drainage system, soil or waste pipe so as to permit or make possible the backflow of contaminated water, sewage or waste into the water supply system.

(4) No flush valve, vacuum breaker or

syphon preventer shall be offered for sale or installed that has not been approved by the board.

(5) The use or installation of water-operated sump pumps or sewage ejectors, if connected to the potable water supply, is prohibited.

(6) No pan, plunger, offset washout, washout, long hopper, frost proof or other water closets having invisible seals or unventilated spaces, or walls not thoroughly washed at each flushing, shall be installed or sold for use in any building.

(7) No plumbing fixture, appurtenance or device, the installation of which would be in violation of this code and the regulations of the board, shall be sold, offered for sale or installed. [Amended by 1955 c.548 §10]

**447.150 to 447.980** [Reserved for expansion]

### **PENALTIES**

**447.990 Penalties.** Violation of any of the provisions of this chapter or the lawful rules and regulations made by the board pursuant to this chapter or any lawful order issued by any state, county or municipal health officer, pursuant to this chapter, is punishable, upon conviction, by a fine of not more than \$100, or by imprisonment of not more than 60 days, or by both.

### **CERTIFICATE OF LEGISLATIVE COUNSEL**

Pursuant to ORS 173.170, I, Sam R. Haley, Legislative Counsel, do hereby certify that I have compared each section printed in this chapter with the original section in the enrolled bill, and that the sections in this chapter are correct copies of the enrolled sections, with the exception of the changes in form permitted by ORS 173.160 and other changes specifically authorized by law.  
Done at Salem, Oregon,  
on October 15, 1955.

Sam R. Haley  
Legislative Counsel