

CODE PROVISIONS

Applicable to Tillamook County Ordinance 69

PURPOSE

The purpose of this code is to provide minimum requirements to safeguard the public safety, health and general welfare through affordability, structural strength, means of egress facilities, stability, sanitation, light and ventilation, energy conservation and safety to life and property from fire and other hazards attributed to the built environment.

NEC 406.5 RECEPTACLE FACEPLATES (COVER PLATES).

Receptacle face plates shall be installed so as to completely cover the opening and seat against the mounting surface.

NEC 408.4 CIRCUIT DIRECTORY OR CIRCUIT IDENTIFICATION.

Every circuit and circuit modification shall be legibly identified as to its clear, evident, and specific purpose or use. The identification shall include sufficient detail to allow each circuit to be distinguished from all others. Spare positions that contain un-used overcurrent devices or switches shall be described accordingly. The identification shall be included in a circuit directory that is located on the face or inside of the panel door in the case of panelboard, and located at each switch on a switchboard.

NEC 210.8 GROUND-FAULT CIRCUIT-INTERRUPTER PROTECTION

(A) **Dwelling units.** All 125-volt, single phase, 15- and 20-ampere receptacles installed in the locations specified in (10 through (8) shall have ground-fault circuit-interrupter protection for personnel.

(1) Bathrooms

(2) Garages, and also accessory buildings that have a floor located at or below grade level not intended as habitable rooms and limited to storage areas, work areas, and areas of similar use

(3) Outdoors

(4) Crawl spaces-at or below grade level.

(5) Unfinished basements (not intended as habitable rooms).

(6) Kitchens-where the receptacles are installed to serve the countertop surfaces.

(7) Laundry, utility, and wet bar sinks-where the receptacles are installed within 6 feet of the outside edge of the sink.

(8) Boathouses.

ORSC R313.2 SMOKE ALARMS

Location. Smoke alarms shall be installed in the following locations:

1. In each sleeping room.

2. Outside each separate sleeping area in the immediate vicinity of the bedrooms.

3. On each additional story of the dwelling, including basements and cellars but not including crawl spaces and uninhabitable attics. In dwellings or dwelling units with split levels and without an intervening door between the adjacent levels, a smoke alarm installed on the upper level shall suffice for the adjacent lower level provided that the lower level is less than one full story below the upper level.

When more than one smoke alarm is required to be installed within an individual dwelling unit the alarm devices shall be interconnected in such a manner that the actuation of one alarm will activate all of the alarms in the individual unit.

Required smoke alarms shall not be located within kitchens or garages, or in other spaces where temperatures can fall below 40 degrees. Ionization smoke alarms shall not be located closer than 3 feet horizontally from the following:

1. The door to a kitchen;
2. The door to a bathroom containing a tub or shower;
3. The supply registers of a forced air heating or cooling system, outside the air flow from those registers.

A smoke alarm installed within 20 feet of a cooking appliance shall be a photoelectric-type smoke alarm or the alarm shall have an approved alarm silencing means.

ORSC 313.2.1 ALTERATIONS, REPAIRS AND ADDITIONS.

When alterations, repairs or additions requiring a structural permit occur, or when one or more sleeping rooms are added or created in existing dwellings, the individual dwelling unit shall be equipped with smoke alarms located as required for new dwellings; the smoke alarms shall be interconnected and hard wired.

EXCEPTIONS:

1. Interconnection and hard-wiring of smoke alarms in existing areas shall not be required where the alterations or repairs do not result in the removal of interior wall or ceiling finishes exposing the structure.
2. Work involving the exterior surfaces of dwellings, such as the replacement of roofing or siding, or the addition or replacement of windows or doors, or the addition of a porch or deck, are exempt from the requirements of this section.

ORSC M1302 GENERAL MECHANICAL SYSTEMS REQUIREMENTS

Appliances regulated by this code shall be listed and labeled for the application in which they are installed and used, unless otherwise approved in accordance with Section R104.11

ORSC R1005.1 FACTORY-BUILT CHIMNEYS (listing)

Factory-built chimneys shall be listed and labeled and shall be installed and terminated in accordance with the manufacture's installation instructions.

ORSC R311.5.6—R311.5.6.2 HANDRAILS.

Handrails shall be provided on at least one side of each continuous run of treads or flight with four or more risers. The continuous handrail required for winders shall be located on the side where the tread is narrower.

HEIGHT. Handrail height, measured vertically from the sloped plane adjoining the tread nosing, or finish surface of ramp slope, shall be not less than 30 inches and not more than 38 inches.

CONTINUITY. Handrails for stairways shall be continuous for the full length of the flight, from a point directly above the top riser of the flight to a point directly above the lowest riser of the flight. Handrail ends shall be returned or shall terminate in newel posts or safety terminals. Handrails adjacent to a wall shall have a space of not less than 1 1/2 inches between the wall and the handrails.

EXCEPTIONS:

1. Handrails shall be permitted to be interrupted by a newel post at the turn.
2. The use of a volute, turnout, starting easing or starting newel shall be allowed over the lowest tread.

ORSC R312 GUARDS.

Porches, balconies, ramps or raised floor surfaces located more than 30 inches above the floor or grade below shall have guards not less than 36 inches in height. Open sides of stairs with a total rise of more than 30 inches above the floor or grade below shall have guards not less than 34 inches in height measured vertically from the nosing of the treads.

OSSC 1607.7.1.1 **CONCENTRATED LOAD.** Handrail assemblies and guards shall be able to resist a single concentrated load of 200 pounds, applied in any direction at any point along the top, and have attachment devices and supporting structure to transfer this loading to appropriate structural elements of the building.

R310.1 EMERGENCY ESCAPE AND RESCUE REQUIRED. Basements and every sleeping room shall have at least one operable emergency escape and rescue opening. Where basements contain one or more sleeping rooms, emergency egress and rescue openings shall be required in each sleeping room, but shall not be required in adjoining areas of the basement. Where emergency escape and rescue openings are provided they shall have a sill height of not more than 44 inches above the floor. Where a door opening having a threshold below the adjacent ground elevation serves as an emergency escape and rescue opening and is provided with a bulkhead enclosure, the bulkhead enclosure shall comply with Section R310.3. The net clear opening dimensions required by this section shall be obtained by the normal operation of the emergency escape and rescue opening from the inside. Emergency escape and rescue openings with a finished sill height below the adjacent ground elevation shall be provided with a window well in accordance with Section R310.2. Emergency escape and rescue openings shall open directly into a public way, or to a yard or court that opens to a public way.

EXCEPTION:

1. Basements used only to house mechanical equipment and not exceeding total floor area of 200 square feet.

R310.1.1 MINIMUM OPENING AREA. All emergency escape and rescue openings shall have a minimum net clear opening of 5.7 square feet.

EXCEPTION:

1. Grade floor openings shall have a minimum net clear opening of 5 square feet.

R310.1.2 MINIMUM OPENING HEIGHT. The minimum net clear opening height shall be 24 inches.

R310.1.3 MINIMUM OPENING WIDTH. The minimum net clear opening width shall be 20 inches.

R310.1.4 OPERATIONAL CONSTRAINTS. Emergency escape and rescue opening shall be operational from the inside of the room without the use of keys, tools, or special knowledge.

R310.2 WINDOW WELLS. The minimum horizontal area of the window well shall be 9 square feet, with a minimum horizontal projection and width of 36 inches. The area of the window well shall allow the emergency escape and rescue opening to be fully opened.

EXCEPTION:

1. The ladder or steps required by Section R310.2.1 shall be permitted to encroach a maximum of 6 inches into the required dimensions of the window well.

R310.2.1 LADDER AND STEPS. Window wells with a vertical depth greater than 44 inches shall be equipped with a permanently affixed ladder or steps usable with the window in the fully open position. Ladders or steps required by this section shall not be required to comply with Sections R311.5 and R311.6. Ladders or rungs shall have an inside width of at least 12 inches, shall project at least 3 inches from the wall and shall be spaced not more than 18 inches on center vertically for the full height of the window well.

R310.3 BULKHEAD ENCLOSURES. Bulkhead enclosures shall provide direct access to the basement. The bulkhead enclosure with the door panels in the fully open position shall provide the minimum net clear opening required by Section R310.1.1. Bulkhead enclosures shall also comply with Section R311.5.8.2.

R310.4 BARS, GRILLES, COVERS, and SCREENS. Bars, grilles, covers, screens or similar devices are permitted to be placed over emergency escape and recue openings, provided the minimum net clear opening size complies with Sections R310.1.1 to R310.1.3, and such devices shall be releasable or removable from the inside without the use of a key, tool, special knowledge or force greater than that which is required for normal operation of the escape and rescue opening.

R310.5 EMERGENCY ESCAPE WINDOW UNDER DECKS, PORCHES AND SIMILAR PROJECTIONS. Emergency escape windows are allowed to be installed under decks, porches and similar projections provided the location of the deck allows the emergency escape window to be fully opened and provides a path no less than 36 inches in height to a yard or court.

AG105 SPAS AND HOT TUB; BARRIER REQUIREMENTS, The provisions of this chapter shall control the design of barriers for residential swimming pools, spas and hot tubs. These design controls are intended to provide protection against potential drowning and near-drowning by restricting access to swimming pool, spas and hot tubs (fencing and locking covers).

APPENDIX J101.1. EXISTING BUILDINGS AND STRUCTURES. The purpose of these provisions is to encourage the continued use or reuse of legally existing buildings and structures. These provisions are intended to permit work in existing buildings that is consistent with the purpose of the International Residential Code. Compliance with these provisions shall be deemed to meet the requirements of the International Residential Code.

If clarification is needed concerning the application of the above code provisions contact the Tillamook County Building Official at (503)842-3407 Ext. 1