

CHAPTER 3

GENERAL PRECAUTIONS AGAINST FIRE

301.2 Permits. Permits shall be required as set forth in Section 105.6 for the activities or uses regulated by Sections 306, 307, 308.3, 308.4, 308.5 and 315.

ORS 476.380 and ORS 478.960 are not a part of this code but are reproduced or paraphrased here for the reader's convenience.

ORS 476.380 defines the parameters for obtaining a fire permit, limitations on burning and record keeping.

ORS 478.960 defines certain materials that are permitted to be burned only with the permission of the fire chief and burning schedules and restrictions.

303.9 (Not adopted) Fuel containers under air pressure. *Fuel containers that operate under air pressure shall not exceed 20 gallons (76 L) in capacity and shall be approved.*

304.1.1 Waste material. Accumulations of wastepaper, wood, hay, straw, weeds, litter or combustible or flammable waste or rubbish of any type shall not be permitted to remain on a roof or in any court, yard, vacant lot, alley, parking lot, open space, or beneath a grandstand, bleacher, pier, wharf, ~~manufactured home, recreational vehicle~~ or other similar structure.

304.3.2 Capacity exceeding 5.33 cubic feet. Containers with a capacity exceeding 5.33 cubic feet (40 gallons) (0.15 m³) shall be provided with lids. Containers and lids shall be constructed of noncombustible materials or approved combustible materials.

Exceptions:

- 1. Dumpsters or containers in areas as approved by the authority having jurisdiction shall be protected by an approved automatic sprinkler system installed throughout in accordance with Section 903.3.1.1, 903.3.1.2 or 903.3.1.3.**
- 2. Storage in a structure shall not be prohibited where the structure is of Type I or IIA construction, located not less than 10 feet (3048 mm) from other buildings and used exclusively for dumpsters or container storage.**

SECTION 306

MOTION PICTURE PROJECTION ROOMS AND MOTION PICTURE AND TELEVISION PRODUCTION STUDIO SOUNDSTAGES AND APPROVED PRODUCTION FACILITIES AND FILM

306.3 Motion picture and television production studio soundstages and approved production facilities. **Motion picture and television production soundstages and approved production facilities shall comply with NFPA 140.**

307.1.1 Prohibited open burning. Open burning ~~that is offensive or objectionable because of smoke or odor emissions or~~ when atmospheric conditions or local circumstances make such fire hazardous shall be prohibited.

308.3.1 Open-flame cooking devices. Charcoal burners and other open-flame cooking devices shall not be operated on combustible balconies or within 10 feet (3048 mm) of combustible construction.

Exceptions:

1. ~~One and two family dwellings.~~ **Private residences as defined in ORS 479.168(8).**
2. Where buildings, balconies and decks are protected by an automatic sprinkler system.

ORS 479.168(8) is not a part of this code but is reproduced or paraphrased here for the reader's convenience.

ORS 479.168(8) "Private residence" means that part of a single, double or multiple dwelling house or building occupied as living or sleeping quarters by one or more family units, exclusive of any portion of such house or building devoted to commercial processing or manufacturing use.

308.3.1.1 (Not adopted) Liquefied-petroleum-gas-fueled cooking devices. *LP-gas burners having an LP-gas container with a water capacity greater than 2.5 pounds [nominal 1 pound (0.454 kg) LP-gas capacity] shall not be located on combustible balconies or within 10 feet (3048 mm) of combustible construction.*

Exception: One-and two family dwellings.

308.3.2(10) Candelabras with flame-lighted candles shall be ~~securely fastened in place~~ **secured or supported** to prevent overturning, and shall be located away from occupants using the area and away from possible contact with drapes, curtains or other combustibles.

308.3.3 Location near combustibles. Open flames such as from candles, lanterns, kerosene heaters, and gas-fired heaters shall not be located on or near decorative material or similar combustible materials. **See 603.4 for portable unvented heaters.**

311.1.1 Abandoned premises. Buildings, structures and premises for which an owner cannot be identified or located by dispatch of a certificate of mailing to the last known or registered address, which persistently or repeatedly become unprotected or unsecured, which have been occupied by unauthorized persons or for illegal purposes, or which present a danger of structural collapse or fire spread to adjacent properties shall be considered abandoned, declared unsafe and abated by demolition or rehabilitation in

accordance with the *International Property Maintenance Code* and the *International Building Code*.

SECTION 316

COLLECTION AND STORAGE OF COMBUSTIBLE RECYCLABLE MATERIALS

316.1 Scope. Buildings containing the collection and storage of combustible, recyclable materials shall be in accordance with Section 316 and shall be commensurate to the occupancy in which storage or recycling practices are conducted. This section excludes commercial rubbish handling occupancies and commercial paper recycling and plastic recycling occupancies.

316.2 Definitions.

316.2.1 General. For definitions of APPROVED; LISTED; OCCUPANCY CLASSIFICATIONS and RUBBISH, see Chapter 2.

316.2.2 Limited applications. For the purpose of Section 316, certain terms are defined as follows:

NONCOMBUSTIBLE A material that, in the form in which it is used and under the conditions anticipated, does not ignite, burn, support combustion, or release flammable vapors, when subject to fire or heat. Materials that are reported as passing ASTM E 136, Standard Test for Behavior of Materials in a Vertical Tube Furnace at 750 C, are considered noncombustible materials.

RECYCLABLE PAPER AND PLASTIC MATERIALS Any paper or plastic that would otherwise be a useless, unwanted or discarded material, except for the fact the material still has useful physical or chemical properties after serving a specific purpose, and the material has been kept separate from rubbish and waste materials.

316.3 Collection and storage of recyclable material. Recyclable paper collection and storage shall be maintained as follows:

- 1. Desk side shall not exceed 15 gallons (57L) total per desk [maximum of two 9-inch by 12-inch by 16 inch (229 mm by 305 mm by 406 mm) containers, in addition to collection and storage totals specified for small, medium and large rooms. Containers shall be noncombustible or accepted containers.**
- 2. Small rooms [500 square feet (46.4 m²) or less] shall not exceed three 15 gallon (57 L) containers. Containers shall be noncombustible or accepted containers.**

3. Medium rooms [over 500 square feet (46.4 m²) but less than 1,000 square feet (93 m²) or copy rooms] shall not exceed three 55 gallon (208 L) containers. Containers shall be noncombustible or accepted containers.
4. Large rooms [over 1,000 square feet (93 m²)] shall not exceed three 55 gallon (208 L) for every 75 feet (22 860 mm) of travel. Containers shall be noncombustible or accepted containers.

NOTE: Areas completely separated by partition walls in accordance with the Oregon Structural Specialty Code may be reclassified as small or medium rooms for the purpose of placing recycling containers.
5. Full containers shall be removed to an outside location or to an approved inside storage room.

316.4 Accepted containers. For the purpose of Section 316, examples of accepted containers include, but are not limited to, the following:

1. At desk side, fiber or polyethylene barrels or cardboard boxes or polypropylene-bag/rack systems may be used.
2. In small rooms fiber or polyethylene barrels or cardboard boxes or polypropylene-bag/rack systems may be used.
3. In medium rooms polypropylene-bag/rack systems or fiber or polyethylene barrels may be used.
4. In large rooms metal containers or fiber or polyethylene barrels may be used.

EXCEPTION: In Group I and Group SR occupancies, containers used for the short-term storage of combustible recyclable materials shall be of noncombustible or other listed material, not to exceed 15 gallon (57 L) capacity.

316.5 Location of containers in buildings/facilities. Location of containers in buildings and facilities shall be as follows:

1. Containers shall not be placed near any exits, in any exit corridor, in or under any stairway, or near any possible heat source.
2. Containers shall not be used or stored in any location that constitutes a hazard greater than would be expected in a normal office or classroom, specifically: furnace rooms, mechanical labs, chemistry labs, biology labs, electrical rooms, wood shops, machine shops, or other hazardous areas as determined by the chief.

316.6 Central collection and storage area. Central collection and storage areas shall be as follows:

1. Central storage locations are preferred to be located outside buildings/facilities, but approved inside storage rooms are permitted.
2. Inside storage shall be in areas of not less than one hour construction with openings protected as required for occupancy separations and provided with an approved automatic sprinkler system or subject to the requirements of the chief.
3. “Hazardous Area-No Smoking” signs shall be posted and good housekeeping shall be maintained.

4. Containers made of metal, fiber, polyethylene or noncombustible approved material are required.
5. Recyclable paper in the central storage area shall be removed from the building/facility on a regular basis as needed to maintain good housekeeping. In Group I and Group SR occupancies, containers shall be emptied each day.
6. Allowable quantities of paper stored in rooms, facilities or other areas of storage shall be in accordance with Section 316.
7. In Group I and Group SR occupancies, containers for long-term storage shall be placed outside and a minimum of 5 feet (1524 mm) from the exterior of the building and shall be of a metal or other noncombustible and listed material with a metal or noncombustible lid in place at all times.

316.7 Collection and storage of recyclable plastic. Recyclable plastic collection and storage shall be maintained as follows:

1. Collection.
 - 1.1 Metal or other approved noncombustible containers with tight fitting lids shall be used at all times while within a structure.
 - 1.2 Full containers shall be removed to an outside location or to an approved inside storage room.
2. Storage
 - 2.1 Central storage locations are preferred to be located outside buildings/facilities, but approved inside storage is permitted.
 - 2.2 Central storage rooms shall have a minimum of one hour construction with rated openings or equipped with an approved automatic sprinkler system. Good housekeeping shall be maintained and “Hazardous Area-No Smoking” signs shall be posted.
 - 2.3 Outside storage will be posted “Hazardous Area-No Smoking” and good housekeeping shall be maintained.
 - 2.4 Barrels made of metal or noncombustible approved material with metal or noncombustible lids are required in central collection and storage areas.
 - 2.5 Recyclable plastic in the central storage area shall be removed from the building/facility on a regular basis as needed to maintain good housekeeping.
 - 2.6 Allowable quantities of recyclable plastic stored in rooms, facilities or other areas of storage shall be in accordance with Section 316.

SECTION 317

LAUNDRIES

317.1 Laundry carts. Laundries which process products that are susceptible to spontaneous combustion when impregnated with oils shall provide noncombustible laundry carts or laundry carts shall be manufactured of materials having a peak

rate of heat release not exceeding 300 kW/m² at a flux of 50 kW/m² when tested in accordance with nationally recognized standards (ASTM E 1354). Such containers shall be permanently labeled indicating capacity and peak rate of heat release.