

CHAPTER 6

BUILDING SERVICES AND SYSTEMS

603.3.4 Plans. Plan requirements for aboveground fuel oil storage tanks, see Section 3401.4.1.

603.4 Portable unvented heaters. Portable unvented fuel-fired heating equipment shall be prohibited in occupancies in Groups A, E, I, R-1, R-2, R-3, and R-4 **and SR.**

Exception: Listed and approved unvented fuel-fired heaters in one- and two-family dwellings.

604.2.5 Accessible means of egress elevators. Standby power shall be provided for elevators that are part of an accessible means of egress in accordance with Section ~~1007.4~~ **1108.3.2 of the Oregon Structural Specialty Code.**

604.2.6 Accessible means of egress platform lifts. Standby power in accordance with this section or ASME A18.1 shall be provided for platform lifts that are part of an accessible means of egress in accordance with Section ~~1007.5~~ **1108.3.3 of the Oregon Structural Specialty Code.**

604.2.20 Health care facilities. Automatic emergency and/or standby power supplies shall be provided for all health care facilities, as defined in NFPA 99. The approved alternate power supply shall maintain operating energy to the facility for a period of not less than 90 minutes. Emergency and standby power supplies shall be installed as required in the Oregon Electrical Specialty Code and in accordance with NFPA 99.

605.10 Portable, electric space heaters. Portable, electric space heaters shall comply with Sections 605.10.1 through 605.10.4. **The use of portable space heating devices in Group I and SR occupancies shall be prohibited.**

Exception: Portable space heating devices may be permitted to be used in non-sleeping staff and employee areas where the heating elements of such devices do not exceed 212° F (100° C) and such devices shall have a tip over switch.

[M] **609.2 Where required.** A Type I hood shall be installed at or above all commercial cooking appliances and domestic cooking appliances used for commercial purposes that produce grease vapors. **Where any cooking appliance under a single hood requires a Type I hood, a Type I hood shall be installed. Where a Type II hood is required, a Type I or Type II hood shall be installed.**

609.2.1 Type I hoods. Type I hoods shall be installed where cooking appliances produce grease or smoke, such as occurs with griddles, fryers, broilers, ovens, ranges, and wok ranges.

609.2.2 Type II hoods. Type II hoods shall be installed where cooking or dishwashing appliances produce heat or steam and do not produce grease or smoke, such as steamers, kettles, pasta cookers, and dishwashing machines.

Exceptions:

1. **Under-counter-type commercial dishwashing machines.**
2. **A type II hood is not required for dishwashers and potwashers that are provided with heat and water vapor exhaust systems that are supplied by the appliance manufacturer and are installed in accordance with the manufacturer's instructions.**
3. **A single light-duty electric convection, bread, retherm or microwave oven. The additional heat and moisture loads generated by such appliances shall be accounted for in the design of the HVAC systems.**
4. **A Type II hood is not required for the following electrically heated appliances: toasters, steam tables, popcorn poppers, hot dog cookers, coffee makers, rice cookers, egg cookers, holding/warming ovens. The additional heat and moisture loads generated by such appliances shall be accounted for in the design of the HVAC system.**

609.2.3 Domestic cooking appliances used for commercial purposes. Domestic cooking appliances utilized for commercial purposes shall be provided with Type I or Type II hoods as required for the type of appliances and processes in accordance with sections 610.2, 610.2.1, and 610.2.2.

Exception:

Oregon Mechanical Code Interpretive Ruling 507.2.3 provides when domestic ranges and ovens are used for heating or occasional preparation of foods such as lunches, potlucks, etc., a commercial hood is not required. If dinners are prepared on a regular basis, or more than two residential ranges are used, a Type II hood is required. If a commercial range is installed or grease-producing equipment is used, a Type I hood must be installed.

609.2.4 Extra-heavy duty. Type I hoods for use over extra-heavy-duty cooking appliances shall not cover other appliances that require fire extinguishing equipment and such hoods shall discharge to an exhaust system that is independent of other exhaust systems.