

**SECTION 10-4-14.1**, entitled **Standards for Outdoor Solid Fuel Fired Heating Devices**, is created to read as follows:

**10-4-14.1 Standards for Outdoor Solid Fuel Fired Heating Devices**

**A. Design**

1. The outdoor wood furnace shall be constructed with self-contained weather-proofing with no additional structure enclosing the fired unit.

2. The outdoor wood furnace shall be listed by a nationally recognized testing laboratory acceptable to the Department of Commerce.

3. The outdoor wood furnace shall be designed for operation at atmospheric pressure and be properly vented to prevent a positive pressure condition.

**B. Code compliance.** The outdoor wood furnace and all parts accessory to it, including, but not limited to pressure safety controls, shall be installed to meet all applicable mechanical codes and the manufacturers listing. All electrical wiring serving an outdoor wood furnace shall be installed in accordance with Wisconsin Electrical Code.

**C. Permit.** A heating permit is required prior to installation. A site plan indicating the outdoor wood furnace location on the property and information to determine compliance with applicable standards and codes shall be filed with the permit application. Plans and calculations showing structural adequacy shall also be filed with the permit application. The installation shall be inspected by a heating inspector for compliance with all applicable standards and approved plans before it is placed into operation.

**D. Requirements.** 1. The outdoor wood furnace shall have an attached permanent stack extending at least 3 feet higher than the highest portion of the roofline of any building regularly occupied by people and having any door, openable window or air intake vent located closer than 50 feet from the outdoor wood furnace. Regularly occupied by people shall mean used in whole or in part as a place of assemblage, lodging, trade occupancy, or use by persons.

2. All stacks and chimneys shall be designed, constructed, and maintained to withstand horizontal wind pressures of not less than 30 pounds per square foot and also in accordance with the manufacturers listing.

3. The outdoor wood furnace shall be located at least 100 feet from any property line adjoining any developable lot and 150 feet from any door, openable window, or air intake vent of any building regularly occupied by people other than the building(s) served by the outdoor wood furnace.

4. The outdoor wood furnace shall not be located in any front yard or corner side yard.

5. The outdoor wood furnace shall be enclosed by fencing or other barrier to prevent access by unauthorized persons.

**E. Public Nuisance.** Dense smoke, noxious fumes, gas and soot, cinders, or live sparks produced by an outdoor wood furnace that interfere substantially with the comfortable life, health, or safety of another person or the public may be declared a public nuisance by a properly designated authority and ordered abated.

**F. Disconnection or removal.** If an outdoor wood furnace or any part thereof is deemed unsafe or is in violation of this chapter, the heating inspector may order that the outdoor wood furnace be permanently disconnected or removed.

**G. Repairs.** Repairs to the outdoor wood furnace shall be made in compliance with the manufacturers recommendations.