

TOWN OF DUDLEY
MASSACHUSETTS
OFFICE OF THE BOARD OF HEALTH
71 West Main Street; Dudley, MA 01571
Telephone: 508-949-8017 Fax: 508-949-8031



Regulations on Outdoor Wood Burning Boilers

Section 1. Findings and Purpose

Whereas outdoor burning boilers have been shown, because of their design, to emit significantly high quantities of particles matter and other noxious fumes; and

Whereas health, safety and nuisance have arisen from the use of these boilers; and

Whereas poor management and poor fuel exacerbate the effects of the smoke created by firing of these units;

The Board of Health of the Town of Dudley, pursuant to Section 31 and 31C of Chapter 111 of the Massachusetts General Law, hereby adopts these regulations in order to minimize the human health hazards resulting from the smoke and noxious fumes emitted by outdoor wood burning boilers, to encourage proper techniques in the use and location of these boilers, and to promote the public comfort and convenience.

These regulations shall be effected November 18, 2008.

Section 2. Definitions

- a) Outdoor Wood Burning Boiler: a wood fired boiler surrounded by a water jacket, in an insulated freestanding shed with a smoke stack and used to heat water that is carried by underground pipes to provide heat to a building.
- b) Wood Fuel: all wood intended to be used as fuel, including but not limited to trees, cordwood, logs, lumber, sawdust, and wood from manufacturing process (butt offs, shavings, turnings, sander dust) wood pallets, slabs, bark, chips waste pallets. This definition DOES NOT include materials chemically treated with any preservative, paint or oil.
- c) Seasoned wood: wood that has been cut a year and dried at least 6 months.

Section 3. Requirements

- a) No boiler shall be installed within 50 feet of a house it is serving or within 200 feet of any other house.
- b) Boilers located 200 feet and 400 feet of a house other than the one being served must have a smokestack height of at least 50% of the height of the eaves line of the highest abutting residence plus 2 feet.
- c) Boilers located within 200 feet of another house may only be operating during the heating season, which shall for the purpose of these regulations be September 1 to June 1, with the exception of days of unseasonable weather.

- d) Manufacture's recommendations for the installations and use of the unit must be followed.
- e) Only dry, seasoned, untreated wood fuel may be burned in the boiler unit.
- f) Boilers installed before the effective date of these regulations shall be exempt from Section 3 a, b, c and d of these regulations. However, the Board of Health shall have the right to take appropriate enforcement or other action, in accordance with Chapter 111 of the General Laws, with respect to any such boiler that it determines constitutes a nuisance.

Section 4. Application Requirements

- a) APPLICATION- A permit is required from the Board of Health to install an outdoor wood burning boiler. The permit process shall include submission of a written application form and
- b) PLAN-Plot plan and/or As-Built with the proper installation and operation of an outdoor wood boiler location in relation to other buildings, septic/well (if applicable) and separating distances from boiler to all buildings and outbuildings on site and all neighboring houses within 400 feet, together with distances to all roads adjacent to site, and distances from boiler to woods, brush and flammable structures. Plan will need to be submitted with the required information listed above.
- c) Copy of Manufacture's guidelines, which come with the boiler, will be required to submit with the outdoor wood boiler application.
- d) FEE- Payment of the permit fee established by the Board.

Section 5. Penalties

Any violations of these regulations shall be punished by a penalty of \$50 for the first offense. Each day of violation shall constitute a separate offense. Any succeeding day of violation shall be punished by a penalty of \$250 per day of offense.

Regulations have been submitted by the Dudley Board of Health members on November 18, 2008.

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Application for permit to install Out Door Wood Boiler

PLEASE PRINT INFORMATION

Name: _____

Address: _____ **Phone #:** _____

Check all that apply: ≤ **Property Owner** ≤ **Installer** ≤ **Other** _____

Stove Specification's

Date purchased: _____ **Manufacturer:** _____

Name & Model #: _____ **Test Label:** _____

Collar size: _____ **Circulating:** _____

Dimensions: Height _____ Length _____ Width _____

Chimney Specification's

Check all that apply: ≤ **New** ≤ **Existing** ≤ **Used**

Chimney type: _____ **Fuel Size:** _____

Other applications attached to flue (if metal, mfg., name & type):

Masonry/Lined: _____ **Inlined:** _____ **Flue Liner:** _____

Height (refer to diagrams): _____ **Cap:** _____

SUBMISSION REQUIRMENTS

- ≤ Copy of manufactures instructions to install and specifications
- ≤ Plot plan and/or As-built with the proper installation and operation of an outdoor wood boiler location in relation to other buildings, septic/well (if applicable) and separating distances from boiler to all buildings and outbuildings on site and all neighboring houses within 400 feet, together with distance to all roads adjacent to site, and distances from boiler to woods, brush and flammable structures. Please draw all to scale.
- ≤ Application Fee \$ \$50

***Did you read and understand the Dudley Out Door Wood Boiler Regulations? ≤ Yes ≤ No If No; Explain: _____**

The undersigned hereby certifies that the proposed work will be done in accordance with the Town and State Regulations, in force on the date, which relate to the installation and maintaining your out door wood boiler in the Town of Dudley, MA.

Property Owners Signature: _____ Date: _____

Office Use Only

Date: _____ Permit #: _____ Payment: _____

Notes: _____

≤ Approved ≤ Not Approved

Health Inspector

Date