



STATE OF NEW HAMPSHIRE DEPARTMENT OF SAFETY
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2017-07	Installation of Waste Oil-Burning Devices			December 21, 2017
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Installation of Waste Oil-Burning Devices

The safe installation of a used or waste oil burning device requires the knowledge of New Hampshire adopted Rules and Codes. Installers are cautioned that these devices may have additional requirements beyond those specifically required in the Installation of Oil-Burning Equipment (NFPA 31 2006 Edition).

The adopted Rules of Saf-C 6012 require that oil burning equipment be installed in accordance with NFPA 31. Additionally these Rules require that a permit to install and operate oil burning equipment must be obtained and posted before the work commences. Installers of waste oil-burning equipment must obtain a permit from the local Fire Chief before the installation takes place.

The adopted version of NFPA 31 has specific requirements for the installation of waste oil-burning equipment. Installers should refer to Chapter 12 of NFPA 31 for the specific requirements for a safe and compliant installation. These requirements include, but are not limited to the location of shut-off or isolation valves, disconnect switches, venting, and the posting of the operating instructions.

While NH RSA 319-C:3 exempts the installer from having an electrician’s licensed to install the equipment and control wiring; a NH licensed electrician must be secured for the installation of the line voltage feeder wiring and related equipment, including the circuit breaker and work within the panel. Properly sized wiring must include the thermally activated shutoff (*Fireomatic*) and the service switch at the unit itself.

As many of these types of equipment are self-contained as a complete unit, installers are cautioned to review and adhere to the manufacturer’s installation instructions in addition to our adopted Rules and Codes. Installers are cautioned that these types of devices typically require additional electrical supply requirements above those of a traditional oil heating system. Many of these devices require a 20 amp circuit and breaker with some requiring a 30 amp. The licensed electrician must verify that the proper electrical breaker, wiring and circuit are of the correct size for the equipment being installed.