

Requirements for Boiler & Furnace Installations and Replacements

- 1.) If the boiler is an oil to gas conversion, the chimney flue must be re sized to meet the code article in NFPA 54-12.6.4. If it is determined to be too large of a flue it must be sized by a licensed liner contractor per the state of CT.
- 2.) If the boiler/furnace is an oil to oil change out, the chimney must be inspected and passed by a licensed chimney contractor or appliance installer per the State of CT and NFPA 31-6.6.7.
- 3.) If the boiler/furnace is a new gas installation the flue MUST be sized for a gas appliance per NFPA 54 and 2009 IRC section 2427.6.8 or IMC 801.18.1
- 4.) If the boiler/furnace is gas to gas replacement the chimney must be inspected and passed by a licensed chimney contractor or appliance installer per the State of CT and NFPA 31-6.6.7.
- 5.) All boiler/furnace installations new or replacement must be accompanied by heat load calculation sheets per IRC m1401.3.
- 6.) If the boiler/furnace is a direct vent or a power vent the only requirements will be heat load calculations.
- 7.) On replacement boilers/furnaces all new heat piping shall be insulated with a ½ inch wall r-3 N-1103.3.
- 8.) On new water heaters or in directs, the cold water shall be insulated for five feet into the heater and ten feet of hot water out of the heater. Energy code N-1103.4.1 r-2.

****All of these requirements shall be handed in before the permit application is approved and before any inspection dates are set****