

REPLACEMENT FURNACE INSPECTION

New installations of furnaces require an electrical permit, as well as a mechanical permit, and the related inspections. Replacement furnace installations require a mechanical permit, but not an electrical permit.

1. Appliance is approved for the specific application - built on site versus manufactured home.
2. Adequate access and 30 inches of work space on the control side are provided.
3. In crawlspace locations, the furnace is placed on a masonry slab at least 3 inches above the adjoining grade.
4. A gas fired furnace is not located in a sleeping room, bathroom, toilet room, storage closet, or surgical room (unless code exceptions are met), and does not obtain combustion air from these spaces.
5. If located in a garage, the furnace is raised at least 18 inches above the floor measured to the ignition source, unless a flame resistant appliance is installed.
6. Return air inlet is located at least 10 feet away, measured in the path of travel from the firebox or draft diverter of any appliance within the same enclosed or confined space.
7. Condition of existing venting system, including the furnace equipment area and roof termination.
8. If vented through a masonry chimney, the chimney must be lined with an approved material or lining system specifically listed for use with the appliance.
9. If new furnace is a Category II, III, or IV appliance and vented separately from the water heater, the water heater vent is checked to make certain it is not oversized.
10. Vent connector rise, clearance, and support are adequate and of proper material.
11. Combustion air is adequate.
12. Gas shut-off valve is within 6 feet of total developed length from the appliance gas valve and gas connector is of approved material. An existing listed appliance connector cannot be reused.
13. Carbon Monoxide detectors will be required to be installed in all locations required per code if the home has an attached garage or contains a fuel-fired appliance.