

TOWNSHIP OF LIVINGSTON
HEATING & COOLING EQUIPMENT
FIRE & BURGLAR ALARM CHECKLIST

1. All contractors installing new heating equipment must present their Home Improvement Card.
2. If a backflow preventer is being installed, the permit form needs a plumbing seal for work up to and including the backflow preventer.
3. No Electrical seal is required for replacement of a heating unit.
4. If an Electrical or Plumbing contractor submits the application, a raised seal is always required.

Below is a list of the necessary subcode sections needed for each item of work:

New AC Unit: Building, Electric, & Plumbing (must be sealed for electric)

- **Replacement of AC Unit / Air Handler Only:** Electric & Plumbing (electrical seal or HVAC license required and need home improvement card)
- **Replacement of AC Condensing Unit:** Electric Only (electrical seal or HVAC license required and need home improvement card)
- **Furnace Replacement:** (no seal required - need home improvement card)
 - *No change in fuel type, location, or duct work-* Fire & Electric (Chimney certification required at the time of the inspection)
 - *No change in location but a change in fuel type-* Fire, Plumbing, & Electric (Chimney certification required at the time of the inspection)
 - *Change in location:* Fire, Plumbing, Electric, & Building (Chimney certification required at the time of the inspection)
- **Replace Boiler:** No change in fuel type or location- Fire, Plumbing, & Electric (Chimney certification required at the time of the inspection)
- **Hot Water Heater:** Plumbing (Chimney certification required at the time of inspection)
- **Communications / Low Voltage:** If a licensed electrician is doing work, a seal is needed, otherwise no electric seal is required; however we need a copy of the Telecommunications Exemption Card.
- **Bonding Certification:** Needed on all public pools every 5 years. A licensed contractor is needed to do the certification and the contractor needs required test equipment.
- **Annual Pool Inspection:** Electric Only- no seal needed unless repairs are made
- **Steam Units:** Plumbing & Electric- needs seal
- **Gas Fireplace:** Plumbing, Fire & Building- Home Improvement Card
- **Wood Burning Fireplace:** Building & Fire- Home Improvement Card
- **Radon:** Building & Electric- Need Radon Registration & Home Improvement Card
- **Chimney Liner:** Fire, chimney liner diagram, & chimney certification form
- **Backflow Preventer:** Needs plumbing seal
- **Lawn Sprinkler / Irrigation Systems:** Needs plumbing seal for backflow preventer. If a new receptacle is being installed to plug in the sprinkler controller then an electric permit sealed by a licensed electrical contractor must also be included. *Receptacles must be close enough to the sprinkler controller to reach without the use of an extension cord.* If using an existing receptacle then note that on the application.
- **Fire & Burglar Alarms:** Need to supply a copy of the appropriate license
Fire Alarm: Fire & Electric subcode sections. Burglar Alarm: Electric subcode only

AS OF AUGUST 20, 2007 A LOW VOLTAGE ALARM SYSTEM MAY NO LONGER BE THE ONLY ALARM SYSTEM IN A BUILDING

The low voltage system cannot be extended if the proposed work is an addition. You must install a complete 110V interconnected system in the new addition as per the requirements below.

- If the addition is at least 5% of the footprint of the house, all levels of the house must be hardwired. The new addition only has to be hardwired if there is a bedroom. If the new addition is not a bedroom, you are required to hardwire all levels of the existing house with a 110V interconnected system.
- If the addition is 25% of the footprint of the house, a complete 110V interconnected system in each new or existing bedroom plus all levels of the house must be installed.

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HVAC License vs. Electrical License Guidelines

As of April 1, 2015 the following guidelines apply for the installation of new and / or replacement of HVAC systems:

1. All new units require an electrical license, NOT HVAC license

If there is a proposed REPLACEMENT the following guidelines apply:

1. The unit must be less than 25 tons
2. Max 240 volt SINGLE PHASE
3. The contractor may only run wire from the existing disconnect to the new/replacement unit
4. All low-voltage applicable wiring

If the proposed replacement does not comply with the above listed criteria, then a licensed electrician must be used.