

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. No Plumbing seal necessary for gas piping, replacement of heating and A/C units, outside water/sewer line; however contractor must submit Home Improvement Card.
5. If an Electrical or Plumbing Contractor submits the application, a 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 required and need home improvement card)
- **Replacement of AC Condensing Unit:** Electric Only (electrical seal 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 up to and including backflow preventer for lawn sprinkler or irrigation systems. Electric is also needed for the rain sensor and a copy of the irrigation license is needed.
- **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 SOLE ALARM SYSTEM IN A BUILDING

If a low voltage system is existing and you want to build an addition, the low voltage system cannot be extended. 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.