

**Licensing Requirements**  
(Electrical AND Plumbing & Mechanical)

**Furnace Replacements** - Iowa law requires the licenses outlined below. Contractors performing furnace replacements with new wiring must have both an Electrical and HVAC or Mechanical License, unless the electrical work will be performed by a subcontractor with the appropriate electrical license.

**Furnace Replacements** (any fuel source - new furnace installation using existing wiring)

- \* No electrical license required
- \* Either Master or Journeyman HVAC or Mechanical license required (Apprentice can work with the Master or Journeyman onsite)

**Furnace Replacements** (any fuel source - new furnace installation requiring new wiring)

- \* Master or Journeyman Electrician Class A or Class B, or Residential Master, or Residential Electrician license required (or assigned to a licensed Master or Journeyman by the contractor) **AND an Electrical Contractor license**
- \* Either Master or Journeyman HVAC or Mechanical license required (Apprentice can work with the Master or Journeyman onsite)

**Furnace Tune/Cleans or Furnace Repairs**

- \* No electrical license required
- \* Minimum Service Technician HVAC Specialty license required (Master or Journeyman HVAC or Mechanical trumps, or Apprentice can work with the Master or Journeyman onsite)

**Boiler Replacements** - Iowa law requires the licenses outlined below. Contractors performing boiler replacements with new wiring must have both an Electrical and Hydronics or Mechanical license, unless the electrical work will be performed by a subcontractor with the appropriate electrical license.

**Boiler Replacements** (new boiler installation using existing wiring)

- \* No electrical license required
- \* Either Master or Journeyman Hydronics or Mechanical license required (Apprentice can work with the Master or Journeyman onsite)

**Boiler Replacements** (new boiler installation requiring new wiring)

- \* Master or Journeyman Electrician Class A or Class B, or Residential Master, or Residential Electrician license required (or assigned to a licensed Master or Journeyman by the contractor) **AND an Electrical Contractor license**
- \* Either Master or Journeyman Hydronics or Mechanical license required (Apprentice can work with the Master or Journeyman onsite)

**Water Heater Replacements** - Iowa law requires the licenses outlined below. Contractors performing water heater replacements with new wiring must have both an Electrical and Plumbing license, unless the electrical work will be performed by a subcontractor with the appropriate electrical license.

**Water Heater Replacements** (new water heater installation using existing wiring)

- \* No electrical license required
- \* Either Master or Journeyman Plumbing license required (Apprentice can work with the Master or Journeyman onsite)

**Water Heater Replacements** (new water heater installation requiring new wiring)

- \* Master or Journeyman Electrician Class A or Class B, or Residential Master, or Residential Electrician license required (or assigned to a licensed Master or Journeyman by the contractor) **AND an Electrical Contractor license**
- \* Either Master or Journeyman Plumbing license required (Apprentice can work with the Master or Journeyman onsite)

**Water Heater Repairs** (no installation of new unit)

- \* No electrical license required
- \* A minimum of Disconnect/Reconnect Plumbing Technician Specialty license required (Master or Journeyman Plumbing trumps)

**Other Miscellaneous Work**

**Baseboard Heaters/Exhaust Fans**

- \* Existing wiring (no electrical license required)
- \* New wiring - 4 or fewer units Master or Journeyman Electrician Class A or Class B, or Residential Master, or Residential Electrician license required (or assigned to a licensed Master or Journeyman by the contractor) **AND an Electrical Contractor license**
- \* ~~New wiring - more than 4 units - **Electrical Contractor license** (or as assigned to a licensed Master or Journeyman by the contractor)~~

**Hard-Wired CO/Smoke Detectors** (new wiring needed)

- \* A minimum of Residential Electrician or Residential Master license required (or assigned to a licensed Master or Journeyman by the contractor - Class A or B trumps) **AND an Electrical Contractor license**

**Plumbing Fixtures, Traps, Drains, Etc. Replacements**

- \* Either Master or Journeyman Plumbing license required (Apprentice can work with the Master or Journeyman onsite)

**Plumbing Fixtures, Traps, Drains, Etc. Repairs** (no replacements)

- \* No electrical license required
- \* A minimum of Disconnect/Reconnect Plumbing Technician Specialty license required (Master or Journeyman Plumbing trumps)

**Electrical Licenses:**

Iowa Department of Inspections and Appeals  
<https://dial.iowa.gov/i-need/licenses/building/electrical-permits-inspections>

\* Defer to local codes where applicable

**Plumbing & Mechanical Licenses:**

Iowa Department of Inspections and Appeals  
[Plumbing & Mechanical Systems Board | Department of Inspections, Appeals, & Licensing \(iowa.gov\)](https://dial.iowa.gov/i-need/licenses/building/plumbing-mechanical-permits-inspections)

\* Defer to local codes where applicable

Revised 07/02/24