

## RESIDENTIAL WATER HEATERS

- Residential water heater (plumbing) permits are issued over the counter at the municipality office.
- When an **emergency** water heater replacement is done on a weekend or after hours, the required permit must be obtained the next business day.
- The water heater must be located in an area that provides accessibility for repair, replacement, and inspections.
- All materials and the installation of all materials must comply with the current Minnesota State Building Code, Minnesota State Plumbing Code, and the manufacturers' installation specifications for each product.

### PERMIT CARD (throughout the project) shall be:

**POSTED** prior to start of work - **VISIBLE** from street or driveway - **ACCESSIBLE** to the inspector

### INSPECTION REQUIREMENTS:

- **MUST** schedule during office hours **AT LEAST** one business day prior to required inspection. If a specific date and/or time will be required, more notice may be needed – please plan ahead. A re-inspection fee may be charged for failure to cancel an inspection for which you are not ready, or for failure to pass an inspection.
- Office Hours: Monday - Friday • 8:00 a.m. - 4:30 p.m.
- Phone: (952) 442-7520 or (888) 446-1801

**Inspection:** An inspection is required after the installation is completed. Someone 18 years or older must be present. Installer should verify that required tests will hold prior to scheduling.

- **Gas Line Airtest** (if new gas line is installed):
  - ✓ Test pressure shall be no less than one and one-half times the proposed maximum working pressure, but not less than 25 psi for a minimum of 10 minutes.
  - ✓ Test pressure shall be within the middle 50 percent of the test gauge pressure range.
- **Final:** After the installation process is complete.
  - ✓ A Certification of Final Testing on Gas Line and Fittings is required at the final inspection. Test shall be by means of a manometer, an approved combustible gas detector, a noncorrosive leak detection fluid, or an equivalent nonflammable solution.

**Warning:** The inspector may issue an order to remove materials to verify compliance with the MN State Building Code and manufacturer's installation requirements.

If a re-inspection is required, a re-inspection fee will apply. The permit holder (the signing applicant) or the permit holder's representative must meet the inspector at the site to provide access. The re-inspection will not be conducted if the re-inspection fee is not paid.

**Note:** The State of Minnesota requires that all residential building contractors, remodelers, roofers, plumbers, and electricians obtain a state license unless they qualify for a specific exemption from the licensing requirements. Any person claiming an exemption must provide a copy of a Certificate of Exemption from the Department of Labor & Industry to the Municipality before a permit can be issued. To determine whether a particular contractor is required to be licensed or to check on the licensing status of individual contractors, please call the Minnesota Department of Labor & Industry at 651-284-5065 or toll free 1-800-342-5354.

**Note:** For specific code requirements, please contact the Building Inspection Department at 952-442-7520 or 888-446-1801 or e-mail: [info@mnspect.com](mailto:info@mnspect.com).

### PROJECT CHECKLIST:

- The temperature and pressure relief valve must be piped to within 18" of the floor or a safe place of disposal. The piping must be no smaller than the valve size.
- A gas line for the water heater must have its own full open-type shut off valve located within the same room and no further than 6' from the appliance.
- All venting must meet manufacturers' installation specifications
- Water heaters being replaced with a larger size shall be provided with the correct size of combustion, ventilation, and dilution air in accordance with the MN State Mechanical Code.
- Gas water heaters may be no closer than 18" from a garage floor.
- Gas water heaters may not be installed in bedrooms, bathrooms, or closets.

# Certification of Final Testing on Gas Line and Fittings

(This form must be completed and provided to the inspector at final inspection of all newly installed gaslines and/or fittings.)

PERMIT NUMBER: \_\_\_\_\_ Date of Work Completion: \_\_\_\_\_

Site Address: \_\_\_\_\_

Municipality: \_\_\_\_\_

Company/Installer Name: \_\_\_\_\_

## Describe the Scope of Work Performed

Be specific – include what work was performed, what new components were installed (i.e. gas line, fittings, shut-off valves), and the type of material (i.e. black iron, copper, corrugated stainless steel, plastic). Attach additional sheet(s) if needed:


Type of Approved Test Performed: \_\_\_\_\_

I certify that on \_\_\_\_\_<sup>(Date)</sup> the above-stated approved test was completed in accordance with Section 406 of the MN Fuel Gas Code, that all work was completed prior to the test, and that no leaks were detected upon completion of the test.

\_\_\_\_\_  
(Signature of Certifying Individual)

\_\_\_\_\_  
(Certification Date)

\_\_\_\_\_  
(Printed Name)