



UPPER MACUNGIE TOWNSHIP

Residential Water Heater Permit Submittal & Installation Guide

All work shall meet the requirements of the 2015 International Residential Code

Please utilize the checklist below before submitting an application:

Definitions - Water temperature must be maintained between 110 & 120 degrees.

R315 - Confirm the installation of a carbon monoxide detector immediately outside the bedrooms in homes where fuel burning appliances are installed.

M1305.1.4.1 / P2408.4 – Install the unit above the floor.

G2407 – Provide ventilation for combustion air for fuel burning appliances.

G2411 / G2411.1.1 – Bond the gas piping or CSST.

G2420.5 / G2422.1.2.4 – Provide a gas shut off valve at the unit.

G2424 - Strap gas piping including at the heater.

G2427 – Provide unit data & instructions to confirm proper venting and termination outside.

P2801.5 - Install a drip pan under the unit if needed to prevent damage.

P2803 / P2803.6 – Provide temperature & pressure relief valves and install the discharge pipe within 6” inches of the floor.

P2903.4/PA DEP/Water Authority Requirement – Each residence provided with water service from the local water authority has a backflow valve and requires a thermal expansion tank. Provide the location of the thermal expansion tank when installed as part of this project. Do not isolate the expansion tank from the water heater by a valve.

E3802.1 – Strap NM cable within 12” of the unit connection & 4 ½ feet thereafter. Attachment to cold water piping is acceptable.

E3902.5 – Provide GFCI protection of receptacles as listed.

E4101.4 – Provide the water heater specifications to confirm the overcurrent protection matches the unit or outlet requirements.

E3404.13 – Identify the overcurrent protection for the water heater [circuit breaker] in the electrical panel.