



Top 10 Residential Plumbing Changes 2021 IRC and Colorado State Amendments

Effective April 12, 2024 (This list does not include ALL changes)

- 1) **IRC Section P2503.5.1 - Rough Plumbing:** Allows for a vacuum test on drain waste and vent piping at -5 psi for a minimum of 15 minutes.
- 2) **State Amendment to IRC Section P2705.1 – New Exception:**
Exception for REMODELS ONLY: Lavatory clearance from its center to any sidewall or partition may be reduced to a minimum of 12 inches.
- 3) **IRC Section P2905.3 - Hot Water Supply to Fixtures:** A hot water recirculation system is now required for fixtures more than 100 feet from the source of hot water.
- 4) **2021 IECC Requirements for Hot Water Pipe Insulation:** Hot water piping $\frac{3}{4}$ inch and larger must be insulated per the 2021 IECC (Energy Code)
- 5) **IRC Section P3003.3.4 - Push Fit Joints:** Drain, waste and vent ABS and PVC push fit joints/fittings must be listed and labeled to ASME A112.4.4 and installed per manufacturers installation instructions.

6) **IRC Section P3011- Relining Building Sewers & Building Drains:**

Limited to gravity drainage piping 4 inches and larger. Also, installation instructions and recorded video camera survey required.

7) **Water Heater Replacements:** Expansion tank or expansion device is required when PRV, check valve, or backflow device is installed in the water supply system.

8) **State Amendment to IRC Section P3103.1.3 - Protected Vent**

Terminal: Where an open vent pipe terminates above a sloped roof and is covered by either a roof-mounted panel (such as a solar collector or photovoltaic panel mounted over the vent opening) or a roof element (such as an architectural feature or a decorative shroud), the vent pipe shall terminate not less than 4 inches (102 mm) above the roof surface.

9) **State amendment IRC Section 3001.1 General Add exception 1:**

Floor drains or trench drains may now be allowed to be daylighted or discharged to an approved alternative disposal system when written approval has been provided from the jurisdiction having authority.

10) **State Amendment to IRC Section G2427.4.1 - Plastic Piping:**

Adds new sentence to the end of the section saying: Where installed as an exhaust vent for a gas fired water heater, the new plastic pipe shall be tested with 5 psi air pressure or 10 ft. head water column at the time of inspection prior to being connected to the water heater.