

## 2018 Uniform Plumbing Code

- 1) **409.4 Limitation of Hot Water in Bathtubs and Whirlpool Bathtubs:** The maximum hot water temperature discharging from the bathtub and whirlpool bathtub filler shall be limited to 120 degrees F by a device that is in accordance with ASSE 1070 or CSA B125.3 **at or near the point of use. The water heater thermostats shall not be considered a control for meeting this provision.**
- 2) **412.1.1 Non water Urinals:** Where non water urinals are installed, not less than one water supplied fixture rated at not less than 1 water supply fixture unit shall be installed upstream on the same drain line to facilitate drain line flow and rinsing. Where non-water urinals are installed they shall have a water distribution line roughed-in to the urinal location to allow for the installation of an approved backflow prevention device in the event of a retrofit.
- 3) **415.2 Drinking Fountain Alternatives:** Where food is consumed indoors, water stations shall be permitted to be substituted for drinking fountains. **Bottle filling stations shall be permitted to be substituted for drinking fountains in up to 50 percent of the requirements for drinking fountains.** Drinking fountains shall not be required for an occupant load of 30 or less.
- 4) **421.2 Strainers:** The waste outlet for a floor sink shall be provided with an approved strainer or grate that is removable and accessible.
- 5) **601.3 Potable Water:** In buildings where potable and non-potable water systems are installed, each system shall be clearly identified in accordance with Section 601.3.1 through Section 601.3.5.
- 6) **601.3.1 Potable Water:** Green background with white lettering.
- 7) **608.5 Discharge Piping (4):** Discharge in such a manner that does not cause personal injury or structural damage.
- 8) **705.6.2 Solvent Cement Joints.** Solvent cement joints for PVC pipe and fittings shall be clean from dirt and moisture. Pipe shall be cut square and pipe shall be deburred. Where surfaces to be joined are cleaned and free of dirt, moisture, oil, and other foreign material, apply primer **purple** in color, in accordance with ASTM F 656. See State of Montana Amendments. UV rated primer is acceptable.

**State of Montana Amendment.** Subsection 705.6.2, Solvent Cement Joints, delete the

third sentence and replace with the following: "Where surfaces to be joined are cleaned and free of dirt, moisture, oil, and other foreign material, apply approved primer in accordance with ASTM F 656."

- 9) **707.9 Clearance:** No under-floor cleanout shall be located exceeding **5 feet from an access door, trap door, or crawl hole.**
- 10) **Subsection 807.3. Domestic Dishwashing Machine.** No domestic dishwashing machine shall be directly connected to a drainage system or food waste disposer without the use of an approved dishwasher air gap fitting on the discharge side of the dishwashing machine. Listed air gaps shall be installed with the flood-level (FL) marking at or above the flood level of the sink or drain board, whichever is higher.

**State of Montana Amendment Exception #1:** "Exception #1: An approved type of indirect waste receptor may be used to receive discharge from domestic dishwashing machines The waste connection of a residential dishwasher shall connect directly to a wye branch fitting on the tailpiece of the kitchen sink, directly to the dishwasher connection of a food waste disposer, or through an air break to a standpipe. The waste line of a residential dishwasher shall rise and be securely fastened to the underside of the sink rim or countertop.

- 11) **906.1 Roof Termination:** Each vent pipe or stack shall extend through its flashing and shall terminate vertically not less than 12" above the roof nor less than 1 foot from a vertical surface. **ABS and PVC piping exposed to sunlight shall be protected by water based synthetic latex paints.**

**2018 International Mechanical Code changes to pay close attention to.**

**307.3 Condensate Pumps:** Condensate pumps located in uninhabitable spaces, such as attics, and crawl spaces, shall be connected to the appliance or equipment served such that when the pump fails, the appliance or equipment will be prevented from operating. Pumps shall be installed in accordance with the manufacturer's installation instructions.

**State of Montana Amendment.**

Subsection 307.6, Condensate pumps, is modified by adding the following exception at the end: "Exception: A water sensor with audio alarm may be substituted for an appliance/equipment disconnect to allow for continued operation of the appliance/equipment.