

What's new in 2016

The state of Utah has recently adopted the 2015 International codes and the 2014 NEC. The new codes will become effective July 1, 2016. With the adoption of these codes there are some changes that will need to be implemented. Below is a list of the code sections that have changed along with a summary of the changes.

- **R302.2 Townhouses** In non sprinklered townhomes a common 2-hour fire rated wall assembly that is listed and tested in accordance with ASTM E 119 or UL 263 will be required. They shall be constructed without plumbing or mechanical equipment, ducts, or vents in the cavity of the common wall.
- **R303.4 Mechanical ventilation** whole house mechanical ventilation will be required when the air change is less than 3 ACH tested by a blower door test.
- **R315.3 Carbon monoxide detector** A carbon monoxide detector will be required outside of each sleeping room as well as one on each level.
- **N1102.4.4 Rooms containing fuel-burning appliances** Where open combustion air ducts provide combustion air to open combustion fuel-burning appliances, the appliance and combustion air opening shall be located outside of the building or enclosed in a room, isolated from inside the thermal envelope.
- **N1103.5.3 Hot water pipe insulation** Hot water lines installed under the slab will no longer be required to be insulated.
- **N1103.10.4 Covers** Outdoor heated pools and outdoor permanent spas shall be provided with a vapor-retardant cover or approved vapor-retardant means.
- **M1506.2 Exhaust duct length** The length of exhaust ducts shall be installed in accordance with table M1506.2 or installed to comply with manufacturer's design criteria.
- **M1601.4 Duct Installation** All longitudinal and transverse joints, seams, and connections shall be sealed. This will include snap-lock and button-lock seams as they are no longer exempt from the requirement.
- **P2603.2.1 Protection against physical damage** Protection plates are required where the hole or notch is 1 1/4" or less from the edge of the stud or framing member.
- **E3901.9 Garage branch circuits** The branch circuit supplying the garage outlets shall only serve the garage. The state amendment allows for outlets that are adjacent to the exterior wall or that serve a storage room with entry from the garage may be connected to the branch circuit.
- **E3902.7 Sink Receptacles** Outlets located within 6' of the outside edge of a sink need to be GFCI protected. This includes outlets located under a sink.
- **E3902.9 Laundry Areas** The outlets located in the laundry area need to be GFCI protected and shall only serve the laundry area.
- **E3902.10 Kitchen Dishwasher Branch Circuit** The dishwasher circuit needs to be GFCI protected.
- **E3902.16 AFCI Protection** Branch circuits supplying outlets in kitchens, bedrooms, and laundry areas will need to be AFCI protected.

Washington City Building Department will begin inspecting for the above changes on July 1, 2016 for permit submittals received July 1 and after. Please review the above list and if you have any questions please give us a call so we can discuss your concerns.

Thank you,
Washington City Building Department