

Significant Residential Code Changes

2015 International Residential Code

City of Edmond

(The following list is not all inclusive, but a list of the significant changes as determined by the Edmond Building and Fire Code Services for the transition from the 2009 IRC to the 2015 IRC including the OUBCC adopted code changes.)

Building:

- R301.3 Story Height: Wood & steel wall framing, insulated concrete, and SIP walls may not exceed 11 ft, 7in. Masonry wall height is limited to 13ft 7 in.
- R302.5.1 Garage Opening Protection: Doors between the garage and dwelling unit now require self-closing devices
- R311.2 Egress doors: Not less than one door shall be provided for each dwelling unit or garage. (State Requirement)
- R308.4.2 Glazing Adjacent to Doors: Glazing installed at a 90 degrees to a door in a closed position and within 24in of the door requires safety glazing if on the hinge side of an in-swinging door.
- R310.2.2 Window Well Drainage: Window wells serving emergency escape and rescue openings now require a means to drain surface water to the foundation drainage system.
- R315 Carbon Monoxide Alarms: Carbon monoxide alarms now require connection to the house wiring system with battery backup.
- R320 Accessibility: Where there are four or more dwelling units or sleeping units in a single structure, the provisions of chapter 11 of the IBC for group R-3 shall apply.
- Table R602.3(3): Requirements for wood structural panel attachment when used to resist wind pressures. (Staples not acceptable where resisting wind loads)
- R602.10.2.2 Locations of Braced Wall Panels: A braced wall panel shall begin within 10 feet from each end of a braced wall line and be spaced not exceeding 20 feet between edges.

Mechanical:

- M1301 Identification & Certification of Pipe, Tubing & Fittings: All pipe, tubing and fitting used in mechanical systems now require a manufacturer's mark and 3rd party testing or certification.

- M1502.3 Duct termination: Exhaust shall not terminate within 3 feet of condensing units and a minimum 12 inches from the ground or any obstruction. (State Requirement)
- M1506 Exhaust Openings: Minimum clearance of 3 feet is required between air exhaust termination and openings into the building.
- M1506.2 Exhaust Duct Length: Maximum exhaust duct lengths based on duct diameter, type of duct and the exhaust fan rating.
- M1601.4 Duct installation: Tape & mastic used to seal sheet metal must be UL 181B listed, snap & button locks are no longer exempt from the sealing requirements.
- M1901 Ranges & Ovens: Commercial cooking appliances are no longer permitted in a dwelling unit.

Plumbing:

- P2503.5.1 Rough Plumbing: Air Test is no longer allowed on PVC pipe
- P2706.1 Waste Receptors: Waste receptors shall not be installed in plenums, attics, crawl spaces, or interstitial spaces above ceilings and below floors. Waste receptors shall be readily accessible.
- P3103.5 Location of vent terminal: An open vent terminal shall not be located less than 4 feet directly beneath any door, operable window, or building nor shall any such vent terminal be within 10 feet horizontally of such opening unless it is not less than 3 feet above the top of such opening.
- G2415.12 Fuel Gas: Underground piping systems to be installed a minimum of 18 inches below grade. (State Requirement)

Electrical:

- E3901.7 Outdoor outlets: an outlet is required for any size of deck, porch or balcony that is accessible from inside the dwelling unit
- E3901.9 Receptacle Outlets in Garages: Receptacle outlets must be served by a separate branch circuit that does not supply other outlets. One receptacle is required for each car space in a garage.
- E3901.11 Receptacle outlets in Foyers: Foyers are required to have a receptacle outlet when exceeding 60 square feet.
- E3902.8, E3902.9, E2909.10 Ground-Fault Circuit Interrupter Protection: Laundry areas have been added to locations that require ground-fault circuit interrupter (GFCI) protection. Bathtub and showers within 6 feet, and dishwasher receptacles are required to be GFCI protected.
- E210.8. D Kitchen Dishwasher Branch Circuit: GFCI protection for outlets that supply dishwashers installed in dwelling unit locations.