

# Significant Code Changes 2006 to 2009

& Existing Code Reminders {Indicated by \*\*}

## ELECTRICAL

1. Intersystem bonding bridge required outside next to meter for TV/phone grounding. NEC 250.94
2. Ceiling boxes must be rated at 50 lbs. NEC 314.27A
3. Tamper resistant receptacles required on all receptacles. NEC 406.11
4. GFCI required on vending machines. NEC 422.51
5. GFCI required on all water fountains. NEC 422.52
6. Readily accessible GFCI required on hot tubs/ Jacuzzis. NEC 680.71
7. GFCI required on all garage receptacles, including openers. (No dedicated circuits.) NEC 210.8(a)2



## ENERGY CODE

1. 50% of all permanently installed light fixtures in dwellings must be high energy efficient fixtures. IECC 404.1
2. Attic access hatch and doors need to be weather stripped and insulated to R38. IRC N1102.4
3. Sealing of rim joist junctions or air barrier to seal plate required. IRC N1102.4
4. Must have at least one (1) programmable stat per dwelling unit. IECC 403.1.1
5. Seal all receptacles and lights penetrating exterior walls. IRC Table N1102.4.2
6. Air barrier required behind knee walls. IRC N1102.4.1.6
7. Air barrier required behind bathtubs or showers on exterior walls. IRC N1102.4.1.8



## GENERAL

1. Carbon monoxide detectors required, outside of each bedroom group, in new homes with attached garages or fuel burning appliances. IRC 315.1
2. Fire extinguisher required in kitchen. Extinguisher must be affixed in place. IRC 329



3. Steel post required to be anchored at the bottom and the top. Anchor must be 1/2" or equivalent. IRC 407.3
4. Attic access needs to be 20" x 30", minimum, with 30" headroom. IRC 807.1
5. Side wall flashing required turning water away from walls on dormers. IRC 902.2.8.3
6. Dryer vents limited to 35', deduct 5' for 90°. Where vent is concealed, the length shall be permanently marked on label or tag within 6' of connection. IRC 2439.5.6
7. \*\*911 house numbers must be 4" tall with a minimum 1/2" stroke width. They must be posted before C.O. can be issued. IRC R319.1
8. \*\*All exterior walls directly on cement must be anchored with 1/2" bolts within 12" of end of board, 6' on center, and minimum 2 per board. 7" of bolt must be imbedded in cement

## MECHANICAL

1. Appliances in garages must be impact protected. IRC 1307.3.1
2. All accessible Freon caps must be tamper resistant locking type. IRC 1411.6
3. \*\*Straps for hanging flexible duct must be 1 1/2" wide. This is per leading brands manufacture instructions.

## PLUMBING

1. Water test required on shower liners. IPC 312.9
2. Back flow preventors required on yard hydrants. Must mark, Caution, Non Potable Water, Do Not Drink. IPC 608.7
3. \*\*Strike plates must extend 2" above seal plate, and 2" below top plate. IPC 305.8



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