



South Central Regional Construction Code Council

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Significant Changes in the 2008 NEC

New Articles

- Art. 355** – Reinforced Thermosetting Resin Conduit (RTRC)
- Art. 522** – Control systems for permanent amusement attractions
- Art. 626** – Electrified truck parking spaces
- Art. 708** – Critical Operations Power Systems (COPS)

Changes in Definitions (Article 100)

Clothes Closet – a non-habitable room or space intended primarily for storage of garments and apparel

Intersystem Bonding Termination – bonding and grounding of communication equipment

Kitchen – an area with a sink and permanent facilities for food preparation and cooking

Changes in Existing Articles

Art. 110.26 and 110.33 – spaces about electrical equipment, entrances, and access to spaces

Art. 210.4 – multi-wire branch circuits

- a. Identified handle ties must be used for simultaneous disconnection
- b. Grouping and identification of conductors in the panel

Art. 210.5 – Identification of branch circuits; When the wiring system has branch circuits supplied for more than one nominal voltage system (i.e. 208Y/120 or 480Y/277) Note: MC cable is now made in colors

Art. 210.8 – GFCI Protection: exceptions for dedicated circuits and circuits that are not readily accessible have been deleted. Note: Accessory buildings shall be GFCI protected. Exception: Garage door opener receptacle in the ceiling of the garage does not have to be GFCI protected.

Art. 210.12 – ARC Fault Interrupter Protection: All 120 volt single phase branch circuits supplying outlets in the dwelling unit family rooms, dining rooms, living rooms, parlors, libraries, dens, bedrooms, sunrooms, recreation rooms, closets, hallways, or similar rooms or areas shall be ARC fault protected by a listed combination ARC fault circuit interrupter. Note: Kitchens, bathrooms, unfinished basements, garages, and outdoors are excluded from this requirement.

Art. 210.52 – Dwelling Unit Receptacle Outlets:

- a. Switched receptacles do not count
- b. Porches and balconies greater than 20 sq. ft. require a receptacle

Art. 240.24 – Overcurrent devices shall not be located over steps of a stairway (Panel Boards)

Art. 250.8 – Connection of grounding and bonding equipment;

- a. Thread forming screws that engage not less than 2 threads may be used

Art. 250.146 – Surface mounted box: Can be used for grounding the device if metal to metal contact exists between the device yoke and the box and if the box and cover are listed for such use.

Art. 300.5 – Wet Locations: The interior of enclosures or raceways installed underground and installed outdoors shall be considered a wet location.

Art. 314.24 – Minimum depth of boxes for outlets, devices, and equipment

Art. 314.27 – Boxes at luminaire outlets: Boxes used at luminaire or lampholder outlets in a ceiling shall be required to support a luminaire weighing a minimum of 50 lbs. If the luminaire weighs more than 50 lbs, it shall be supported independently of the box unless the box is listed and marked to support the weight.

Art. 334.12 – Type NM and NMS cable shall not be used in wet or damp locations (i.e. outdoors or under house)

Art. 406.8 – Receptacles in damp or wet locations: Receptacles in damp or wet locations shall be listed as weather resistant. Note: This is marked on the receptacle with a WR.

Art. 406.11 – Tamper Resistant Receptacles in dwelling units: All receptacles in dwelling units shall be listed as tamper resistant.

Art. 422.52 – Electric drinking fountains shall be GFCI protected

Art. 680.12 – Maintenance Disconnecting Means: Maintenance and repair of pools, spas, and hot tubs require a disconnecting means readily accessible and within sight of the equipment

Art. 800.156 – Dwelling Unit Communications Outlet: At least one communication outlet is now required in a dwelling unit.

This information is available on www.mypermitnow.org

If you have any questions, please call 985-655-1070