



## CITY OF PLANO

### 2011 NEC Significant Electrical Code Changes

1. Commercial electrical service equipment will be required to be field marked with the available fault current and dated. 110.24
2. All GFCI devices must be installed in a readily accessible location. 210.8
3. Residential electrical services that require relocating the panelboard from an interior location to the exterior of the dwelling will require a nonflexible metal raceway (EMT) between the panelboards. 210.12
4. A 120 volt receptacle outlet will be required on all balconies, decks or porches accessible from the inside. 210.52 (E)(3)
5. Expansion fittings or other approved methods will be required across all structural joints intended for expansion, contraction or deflection. 300.4(H)
6. A neutral conductor will be required to be installed at all switch boxes. Unless exceptions No (1) or (2) can be met. 404.2(C)
7. Hotels, motels and child care facilities require tamper resistant receptacles. 406.13 & 406.14
8. Receptacles with insulated grounding terminals (IG) are not permitted in patient care areas 517.16
9. Branch circuits serving patient bed locations shall be not part of a multiwire branch circuit. 517.18(A),517.19(A)
10. Short-Current Current Ratings (SCCR) are required to be marked on the following equipment:
  - Industrial Control Panels 409.110.409.22
  - Motor controllers 430.8
  - HVAC equipment rated over 60 amps 440.4(B)
  - Industrial Machinery 670.5

Equipment not marked from the manufacture with a SCCR shall use an approved method such as UL 508A SB to establish a minimum SCCR rating. Point to point short circuit calculations shall be provided to above equipment.

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