

## 2008 National Electrical Code

- [19] **NEC 314.23** All electrical boxes shall be rigidly secured to the building structure.
- [20] **NEC 314.27** Boxes used as the sole support for a ceiling-suspended paddle fan shall be listed and marked as **ceiling fan rated**, and not be used for fans weighing more than 70 lbs.
- [21] **NEC 334.30** Type NM (nonmetallic) cable shall be secured at intervals not exceeding 4.5' and within 12 inch of each box.
- [22] **NEC 314.17** The outer jacket of NM cable shall be secured to the box and extend into the box a minimum of ¼ inch.
- [23] **NEC 300.14** the minimum length of conductors, including grounding conductors, at all boxes shall be 6 inches with at least 3 inches extending outside the box.
- [24] **NEC 300.4** Where cables are installed through bored holes in joists, rafters, or wood framing members, the holes shall be bored so that the edge of the hole is not less than 1¼ inch from the nearest edge of the wood member. If this distance cannot be maintained, or where screws or nails are likely to penetrate the cable, it shall be protected by a steel plate at least 1/16 inch thick and of appropriate length and width.
- [25] **NEC 300.22** Type NM cable shall not be installed in spaces specifically fabricated for environmental air, but may pass perpendicular through joist or stud spaces such.
- [26] **NEC 110.14** Only one conductor shall be installed under a terminal screw. Boxes with more than one grounding wire, the grounding wires shall be spliced with a “wire tail” or “pigtail” which is then attached to the grounding terminal screw of the device.
- [27] **NEC 110.14** Splices shall be made with an approved splice cap or “wire nut” and shall be made in approved electrical boxes or enclosures.
- [28] **NEC 250.134 & 314.4 & 404.9** All electrical equipment, metal boxes, cover plates, and plaster rings shall be grounded. All switches, including dimmer switches, shall be grounded.
- [29] **NEC 110.12 & 314.17** Unused openings in boxes shall be effectively closed. If openings in non-metallic boxes are broken out and not used, the entire box must be replaced.
- [30] **NEC 408.41** Each grounded (neutral/white) conductor shall terminate within a panel board in an individual terminal that is not used for any other conductor.
- [31] **NEC 200.7(C)** Where permanently re-identified at **each location** where it is **visible and accessible**, the conductor in type NM cable with white colored insulation may be used as an ungrounded (hot/phase) conductor.
- [32] **NEC 314.25 & 410.12** In completed installations, each box shall have a lamp-holder, canopy or device with an appropriate cover plate.
- [33] **NEC 314.9** Junction boxes shall be installed so that the wiring contained in them can be rendered accessible without removing any part of the building.

For complete information, please refer to complete 2008 National Electrical Code.