

LOCAL TECHNICAL AMENDMENT

FLORIDA BUILDING CODE 2010 – BUILDING

NFPA 70 NATIONAL ELECTRICAL CODE

2701.1 Scope. This chapter governs the electrical components, equipment and systems used in buildings and structures covered by this code. Electrical components, equipment and systems shall be designed and constructed in accordance with the provisions of the NFPA 70, National Electrical Code.

AMEND EXISTING NEC SECTION

Article 250.96 Bonding Other Enclosures.

(A) **General.** Metal raceways, cable trays, cable armor, cable sheath, enclosures, frames, fittings, and other metal non-current-carrying parts that are to serve as grounding conductors, with or without the use of supplementary equipment grounding conductors, shall lie bonded where necessary to ensure electrical continuity and the capacity to conduct safely any fault current likely to be imposed on them. Any nonconductive paint, enamel, or similar coating shall be removed at threads, contact points, and contact surfaces or be connected by means of fittings designed so as to make such removal unnecessary. All raceways shall contain an equipment-grounding conductor sized in accordance with Table 250.122.

Local Conditions and Need: This amendment assures a positive return path for faults.

Fiscal Impact Statement: Minimal cost impact associated with this amendment since this requirement has been in effect in Pinellas County since 1987.

Effective Date: Effective date of the current edition of NFPA 70, The National Electrical Code.

This amendment if implemented would not discriminate against materials, products, or construction techniques of demonstrated capabilities.