

Frequently Asked Questions

Design Safety Standards and Electrical Systems

(The following are Technical Interpretations provided by the Florida Department of Labor and Employment Security).

Q: Do circuit breakers in panel boxes have to be labeled? If so, do labels need to be next to breakers or can they be on the outer door of the panel box?

A: Yes, labeling is required. Each circuit breaker or disconnect switch must be clearly marked to indicate its purpose. Labels cannot be on the outer door of the panel box unless there is only one circuit breaker in the panel box. A labeling system must be located on the inside of the panel box door or next to each circuit breaker. **{29 CFR 1910, Subpart S,**

Electrical; Subsection 303 (f)}

Q: How would the ground to path requirement covered under 1910.304 (f) (4) apply to buildings having a 2-wire system?

A: Older wiring systems with outlets designed for 2-prong receptacles may be found in buildings built before March 1972. These receptacles accept 2-prong plugs without a grounding pin. Current wiring codes, however, require outlets to be designed for 3-prong receptacles. The path to ground requirement for electrical systems with either 2 or 3-prong receptacles must be permanent and continuous. If the outlet is designed to be part of the permanent wiring of the building, then the wiring is permanent. Converting a 2-prong receptacle to accept a 3-prong plug by using a plug-in adapter with or without a grounding wire is not acceptable because it is not part of the permanent wiring of the building. **{29 CFR 1910.302 and 1910.304; NFPA 70E}**