

# UNDERSTANDING nfpa 79

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### **Training Description:**

In today's electrical work environment, the proper application of the rules found in the National Electrical Code are very important, however, the NEC rules are not the only rules that may need to be adhered to. We often overlook, but need to consider, that many other standards may apply to our application(s). There are over 22,000 standards published by standards-making organizations.

It is the responsibility of designers, installers, contractors, electricians, engineers, and all users of the National Electrical Code to also become familiar with, and apply the rules found in other applicable standards, which also pertain to the electrical design and installation.

Please be aware, that the application of these "other" Standards is not only optional, but in many cases mandatory. OSHA has a section in both the General Industry Standard (1910.6), as well as in the Construction Standard (1926.31) that uses the terminology "incorporation by reference", which may make these "other" standards just as enforceable as the OSHA standards themselves in certain circumstances.

**Prerequisite:** None  
**Standard Class Size:** Up to 20  
**Program Length:** 6 hours  
**CEU s:** 0.6

### **Training Topics:**

**NEW REQUIREMENTS FOR SHORT CIRCUIT CURRENT RATING TO BE MARKED ON THE EQUIPMENT NAMEPLATE**

**MANDATE FOR ARC-FLASH WARNING SIGNS ON POWER PANELS**

**NEW CHAPTER ON SERVO DRIVES AND MOTORS**

**EXPANDED RULES FOR CONTROL SYSTEMS FOR SAFETY RELATED FUNCTIONS**

**PROTECTION FROM ELECTRIC SHOCK**

**PROTECTION OF EQUIPMENT**

**GROUNDING CONTROL CIRCUITS AND FUNCTIONS**

**WIRING PRACTICES**

**ACCESSORIES AND LIGHTING**

**TESTING AND VERIFICATION**



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