

**NFPA 70E Proposals  
for the ROP Meeting  
January 16-20, 2007**

**Proposals 70E- 166  
through  
Proposal 70E-312**

**Part 2 of 5**

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70E-166 Log #198 EEW-AAA  
(130)

**Final Action:**

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**Submitter:** Bobby J. Gray, Fluor

**Recommendation:** Revise text to read as follows:

ARTICLE 130 ~~Working On or Near Live Parts~~ Conducting Energized Work Safely

**Substantiation:** Based on the definitions of "working on" and "working near," the title as written leaves the misimpression the article deals with shock hazards only, when more than half of the article addresses other electrical hazards (arc flash). The proposal will more accurately describe the contents of Article 130.

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70E-167 Log #266 EEW-AAA  
(130)

**Final Action:**

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**Submitter:** Robert R. Isiminger, US Department of Labor, OSHA

**Recommendation:** I recommend that a Task Group be formed to prepare a draft proposal for conditions which require two employees to be present.

**Substantiation:** For example, OSHA's general industry standard 1910.269(e)(7) has a requirement for an attendant at enclosed spaces. Also, paragraphs (l)(1)(i)(A) through (l)(1)(i)(E) of 1910.269 lists operations requiring the presence of at least two qualified employees.

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70E-168 Log #267 EEW-AAA  
(130)

**Final Action:**

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**Submitter:** Robert R. Isiminger, US Department of Labor, OSHA

**Recommendation:** I recommend that a Task Group be formed to prepare a draft proposal for medical services and first aid to be available at the worksite and that employees be trained in first aid, cardiopulmonary resuscitation (CPR), and the use of automated external defibrillator devices (AEDs).

**Substantiation:** For example, OSHA's general industry standard 1910.269(b) has requirements for medical services and first aid, including training in first aid and CPR. Many CPR courses offered today, for instance those by the American Heart Association and the Red Cross, include AED training. Although individuals with different body chemistry may react differently, it has been suggested that an across-the-chest current of only 17 milliamps AC is enough to induce fibrillation in humans under certain conditions. Since AEDs are commonly available in many environments, training should be required. Also, since response time is limited to just minutes, AEDs should be required to be readily available, especially for remote worksites. They are portable and could be carried in motor vehicles.

Note: Supporting material is available for review at NFPA Headquarters.

