

## EFCOG Best Practice #239

**Title:** Adoption of NFPA 70EB 2021 in place of NFPA 70EB 2018

**Facility:** DOE Complex

### **Points of Contact:**

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**Brief Description of Best Practice:** NFPA 70EB – 2021 is recommended for adoption across the DOE Complex as an upgrade to NFPA 70EB – 2018 as 10-CFR 851 Worker Safety and Health Plans (WSHP). Previously, EFCOG Best Practice #208 determined that the use of the 2018 edition of NFPA 70EB is at least as protective as the 2015 edition, and even more protective in some areas, such that the new edition should be considered for DOE Complex wide acceptance.

**Why the Best Practice was used:** 10 CFR 851 sets safety and health consensus standards with which the contractor must comply when applicable with site hazards (501.23). Only the versions of consensus standards that were in effect on February 3, 2009 and subsequent technical amendments were promulgated pursuant to submitting therefore only those specifically cited versions are required by the Rule. Contractors may include successor versions of the consensus standards that provide equal or greater worker protection if included in their DOE-approved worker safety and health program.

**What are the benefits of the Best Practice:** The use of the 2021 edition of NFPA 70EB is at least as protective as the 2018 edition, and even more protective in some areas, such that the new edition should be considered for adoption within the DOE Complex. NFPA 70EB – 2021 is recommended for implementation across the DOE Complex as an upgrade to NFPA 70EB – 2018.

**What problems/issues were associated with the Best Practice:** No problems were noted with the Best Practice. Adoption of the 2021 Edition of NFPA 70EB by a contractor provides a level of protection “As Safe as Feasible” from the 2018 Edition.

### **How the success of the Best Practice was measured:**

A detailed gap analysis of NFPA 70EB version 2021 (Attachment 1) against the 2018 version was performed. Success will be measured by use of the Best Practice into each site's implementation of the NFPA standard.

**Description of process experience using the Best Practice:** This Best Practice can be used by a contractor at a DOE site as justification for adopting the 2021 revision of the NFPA 70EB standard for implementation.

### **EFCOG Working Group Members Participating on Best Practice Review Team:**

John-Lachlan McWhorter, Past Chair ESTG, SPNS (Team Leader)  
Heath Gordon, Past Chair ESTG and NFPA 70EB Committee Member, NPCL  
Richard Walters, Past Chair ESTG, INE  
Lloyd Gordon, Past Chair ESTG, LANL  
Dave West, Chair ESTG, FSRM