

2016 EFCOG ESW - Working Groups

1. DC Hazardous Energy

This working group continues efforts from last year to quantify the degree of hazard posed by DC sources, especially where it differs from AC system hazards, and safe work procedures for DC systems, such as battery and photovoltaic systems, where de-energization methods are not obvious or practical. It provides input to standards-making bodies where justified.

2. Hazardous Energy Control (LOTO)

This working group continues efforts from last year to ensure consistent and effective hazardous energy control (LOTO) programs at DOE sites which are in compliance with standards such as NFPA 70E Article 120 and 29 CFR 1910.147. It also develops Electrical Safety Month materials. It provides input to standards-making bodies where justified.

3. Subcontractor Electrical Safety Management

This working group continues efforts from last year to improve flow-down of electrical safety requirements found in 10 CFR 851 and other contractual requirements to general and electrical contractors working for the DOE site contractors.

4. DOE Electrical Safety Handbook Update

This working group will renew efforts to keep the DOE Electrical Safety Handbook (<https://eta-safety.lbl.gov/sites/all/files/DOE%20Electrical%20Safety%20Handbook%202013.pdf>) consistent with the most recent standards and incorporate appropriate measures gleaned from best practices and lessons learned.

5. NFPA 70E Risk Assessments

This new working group will discuss implementation of the 2015 NFPA 70E, focusing on electrical system operations and minimum inspection, testing, and maintenance of overcurrent protective devices to assist in assigning arc flash controls. A consensus product is needed to establish thresholds for making risk based determinations. It provides input to standards-making bodies where justified.