

NFPA 70E & CSA Z462

DISCUSSION

INNOVATIONS



IN SAFETY &
RELIABILITY

CREATE. ENHANCE. SUSTAIN.

CONFERENCE 2019

PRESENTED BY

JAY SMITH, JR.

Director of Safety Services, SEAM Group

NFPA 70E, National Fire Protection Association - Standard for Electrical Safety in the Workplace® is requirements for safe work practices to protect personnel by reducing exposure to major electrical hazards. Originally developed at OSHA’s request, NFPA 70E helps companies and employees avoid workplace injuries and fatalities due to shock, electrocution, arc flash, and arc blast, and assists in complying with OSHA 1910 Subpart S and OSHA 1926 Subpart K. NFPA 70E 2015 is the most current edition of the standard.

CSA Z462, Workplace Electrical Safety Standard is a standard of the Canadian Standards Association. It is based on and was developed in parallel with U.S. National Fire Protection Association (NFPA) standard NFPA 70E, Standard for Electrical Safety in the Workplace. Attempts have been made to harmonize Z462 with NFPA 70E as much as practicable for Canadian workplaces. CSA Z462 is the Canadian standard that addresses electrical safety requirements for employees. It provides guidance on the assessment of electrical hazards and design of safe work spaces around electrical power systems. It stipulates requirements for identifying hazardous equipment and for the development of safe work procedures around this equipment. This standard also gives guidance to electrical workers on the selection of personal protective equipment and protective clothing for protection from electrical arc flash hazards. CSA Z462-15 is third and the most current edition of the standard.

This session will be an open discussion with Q&A to the requirements, implementation, enforcement, challenges and examples in adopting electrical safety standards including compliance with the current editions of NFPA 70E and CSA Z462.

SPONSORS

