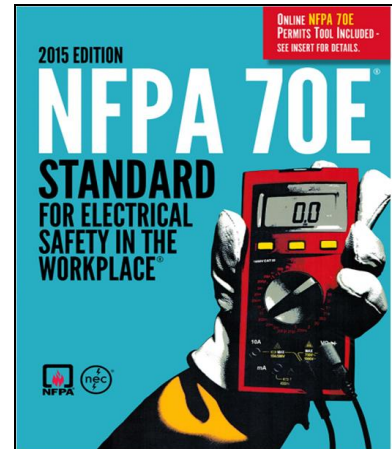
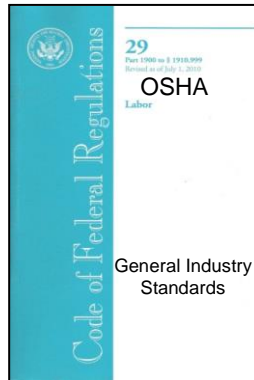


NFPA 70E, OSHA and You: Insight for Implementation



@NFPA

Course Description: This 2 day course examines the latest edition of NFPA 70E and OSHA's electrical safety-related work practice standard which is required for the safety of all employees while working on or near electrical equipment.

Engineering controls, including Lockout/Tagout as well as PPE for electrocution as well as burn and arc flash/arc blast protections are applied relating directly to the safety control hierarchy. Student workbooks are provided which include the OSHA Electrical Safety Related Work Practice standard and every attendee will also receive the latest edition of NFPA 70E which is also extensively used throughout the course.

Attendees are encouraged to bring their electrically insulated gloves, electrical meter, perhaps an insulated tool and an article of arc rated clothing to class. This is to afford attendees the opportunity to conduct an actual daily inspection on their own PPE and equipment as it is explained and covered in class.

Supervisory personnel as well as safety professionals are encouraged to attend since they also have responsibilities under the standards which will be discussed in class.

Some of the latest changes to the 2015 edition of NFPA 70E would be in direct violation of OSHA Standards. Learn what they are and how to apply 70E to be OSHA compliant. OSHA policy and enforcement approach as well as what OSHA looks for will be explained by "Grizzly" who trains OSHA inspectors all across the nation. Some actual accidents and OSHA cases will be discussed and analyzed. Most of all, Grizzys approach to training is that students should have fun learning...what a concept!

Each attendee receives a copy of the current edition of NFPA 70E as well as a course workbook which includes the presentation materials, reference materials and a unique cross reference of the OSHA Electrical Safety Related Work Practices Standard with a line by line cross reference to the equivalent NFPA 70E reference. This unique cross reference guide used in the course is published by Grizzly is not available anywhere else.

Key Topics Include:

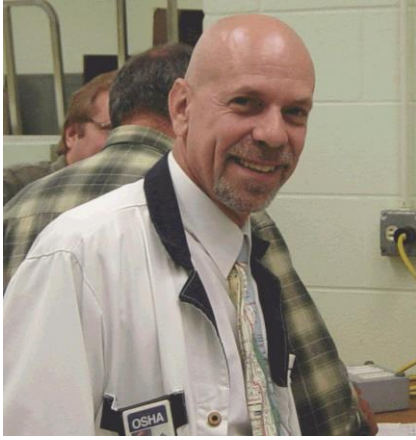
Day 1

- Hazards of Electricity
- Electrocutation Levels
- NFPA 70E Programmatic Requirements
- Hazard Analysis versus risk assessment
- What OSHA Requires versus NFPA 70E
- Training Requirements
- Qualified versus Unqualified personnel as defined by the standards
- Electrical Safety Standards Perspective & Overview (the big picture)
- Insulated Hand Tools

Day 2

- Lock Out Tag Out which Standard applies
- Electrically Safe Work Condition
- Narrow Exceptions to Working Energized for Standard Compliance
- Approach Boundaries to Exposed Live Parts
- Electrically Insulated PPE
- Electrical Test Equipment
- Arc Flash/Arc Blast/Burn Protection PPE
- Arc Flash/Arc Blast Boundaries

Instructor



John “Grizzy” Grzywacz Professor Emeritus
U. S. Dept. of Labor
OSHA National Training Institute
oshaprofessor.com
oshaprofessor@yahoo.com

“**Grizzy**”, as he likes to be called has been recognized by OSHA’s National Office in Washington D.C. as both a National Electrical Code (NEC®) historian as well as “the best electrical safety trainer in the country!” Certainly at the very least Grizzy has been OSHA’s electrical safety “go-to guy” and has been instrumental in shaping and interpreting OSHA policy and regulations for several decades.

Grizzy has trained OSHA compliance officers, appeared as OSHA’s electrical expert, and guided literally hundreds and hundreds of electrical fatality investigations. **Grizzy continues to train OSHA compliance officers** and personnel coast to coast, as well as still providing investigative assistance to the Agency on fatality investigations and significant cases. His electrical expertise has not only shaped OSHA policy but also the OSHA Electrical Standard’s. Grizzy is currently a **member of the ASTM F-18 Committee** which writes the “**Electrical Protective Equipment for Workers**” standards.

In addition to electrical safety courses, Grizzy has chaired and taught OSHA’s Machinery and Machine Safeguarding, OSHA Legal Aspects, Lock Out Tag Out, and Investigative Techniques, just to name a few.

Licensed by the Department of Education, and prior to his OSHA career, Grizzy had been both an **educator and administrator** for various public and private schools and held the position of Electronic Department Chairman and Director of Education at a New York City proprietary school.

In addition to being a **professional speaker** and **nationally recognized seminar leader** with **over 40,000 hours of platform experience**, Grizzy has lectured at numerous colleges and universities all across the US and has numerous published works in video and print which have assisted safety professionals and helped workers for decades.

Recognized nationally as preeminent in regulatory electrical safety training, private corporations and agencies outside of OSHA are now **obtaining the same training that the OSHA inspectors obtain from Grizzy**, as well as insight into navigating the complex regulatory requirements.