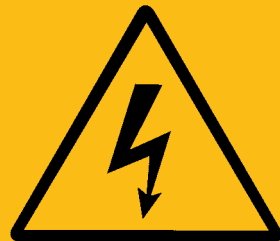


YOU COULD BE IN VIOLATION AND NOT EVEN KNOW IT!

NFPA 70E, OSHA AND YOU... INSIGHT FOR IMPLEMENTATION

October 7-8, 2015 • AFS Headquarters • Schaumburg, IL



Some of the latest changes to the 2015 edition of NFPA 70E would be in direct violation of OSHA Standards. Learn what they are!

You will Learn about:

- Hazards of Electricity
- What OSHA Requires vs. NFPA 70E
- Electrically Safe Work Conditions
- Electrical Test Equipment



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October 7-8, 2015 • AFS Headquarters • Schaumburg, IL

In this two-day course, students will examine and learn the latest requirements 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. Instruction includes arc flash prevention and how to protect employees and meet 2015 changes to NFPA 70E. Supervisor responsibilities will also be highlighted.

October 7, 2015

8 a.m.-8:50 a.m.

Registration

8:50 a.m.-9 a.m.

Welcome/Administrative Announcements

9 a.m.-4:30 p.m.

Day 1

- Hazards of Electricity
- Electrocution Levels
- NFPA 70E Programmatic Requirements
- Hazard Analysis vs. Risk Assessment
- What OSHA Requires vs. NFPA 70E
- Training Requirements
- Qualified vs. Unqualified Personnel as Defined by the Standards
- Electrical Safety Standards Perspective & Overview (The Big Picture)
- Insulated Hand Tools

October 8, 2015

7:30 a.m.-8:30 a.m.

Continental Breakfast

8:30 a.m.-4:30 p.m.

Day 2

- Lock Out Tagout (LOTO) . . . Which Standard Applies
- Electrically Safe Work Conditions
- 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

On both days, lunch will be provided at 11:30 a.m., and breaks will be provided throughout the day as needed.

Course Description:

Engineering controls, including Lockout/Tagout (LOTO) as well as PPE for electrocution and burn and arc flash/arc blast protections are applied relating directly to the safety control hierarchy. All attendees will receive a copy of the 2015 Edition of *NFPA 70E Standard for Electrical Safety in the Workplace* and an interactive workbook which includes an OSHA-NFPA 70E Cross-Reference. These workbooks are used extensively throughout the course.

Attendees are encouraged to bring their electrically insulated gloves, electrical meter, an insulated tool and an article of arc related 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.

Instructor:



John "Grizzly" Grzwacz

Professor Emeritus
OSHA National Training Institute

"Grizzly," 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!" At the very least Grizzly has been OSHA's electrical "go-to-guy" and instrumental in shaping and interpreting OSHA policy and regulations over the years. For decades, Grizzly has trained OSHA compliance officers, appeared as OSHA's electrical witness expert, and guided hundreds of electrical fatality investigations. As a private consultant, Grizzly continues to train OSHA compliance officers and personnel coast to coast, as well as provide investigative assistance to the Agency on fatality investigations and significant cases. With over 40,000 hours of platform teaching experience, Grizzly provides instruction for navigating the complex electrical regulatory requirements.



ADVOCATE. EDUCATE. INNOVATE.

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Return Form To:

American Foundry Society, 35169 Eagle Way, Chicago, IL 60678-1351
Tel: 800/537-4237 Fax: 847/824-7848

Hotel Information: Hyatt Place Chicago/Schaumburg, 1851 McConnor Pkwy Schaumburg, IL. Reservations: 877/574-7260. Be sure to mention American Foundry Society to receive the corporate rate of \$115. Offered in the room rate is complimentary Wi-Fi, hot continental breakfast buffet, complimentary shuttle, 24 hour made-to-order menu items, pool, spa and fitness center. <http://bit.ly/1RBLLyM>

Holiday Inn Express, 1550 N. Roselle Rd., Schaumburg, IL 60195. Reservations 847/310-0500. Mention you are with the American Foundry Society to receive a discounted room rate of \$82.00 single/double. Daily hot breakfast, manager's reception Monday-Thursday, fitness facility, room service from the Snuggery and complimentary shuttle service within a 5-7 mile radius. <http://bit.ly/1GoEvu4>

Comfort Suites, 1100 E. Higgins Rd., Schaumburg, IL 60173. Reservations 847-330-0133 or 877-424-6423. Mention you are with American Foundry Society to receive a discounted room rate of \$69.00 King/Queen. You can also book on line using the link below. Make sure the LAFS tab is selected: <http://bit.ly/1J2FS80>. This hotel features complimentary breakfast buffet, complimentary high speed internet access, complimentary parking, complimentary manager's reception Monday-Wednesday 5-7:00 p.m., complimentary access to Lifetime Fitness and 15% discount at the Tilted Kilt. Reservations must be cancelled 24 hours prior to arrival.

Cancellations and Substitutions: Substitutions will be accepted at any time. However, cancellations of confirmed registrants with full refund of fees cannot be accepted unless received two weeks prior to the conference date. In the unlikely event the conference is canceled for any reason, AFS liability is limited to the return of the registration fee.

Tax Deduction of Expenses: An income tax deduction is allowed for expenses of education, including registration fee, travel, meals and lodging, undertaken to maintain and improve professional skills (see U.S. Treasury Regulation 1:162.5).

Registration Fees

AFS Member \$595 • Non-AFS Member \$750

Name _____

Title _____

Company _____

Address _____

City/State/Zip _____

Phone _____ Fax _____

E-mail _____ AFS Membership# _____

Payment: ☐ American Express ☐ MasterCard ☐ VISA ☐ Check enclosed

Card Number _____

Expiration Date _____

Authorized Signature _____