



NFPA 70E/Arc Flash Electrical Safety

The nation's premier industrial training provider since 1984!



A timely opportunity for you to learn:

- Review how current NFPA 70E standards apply to your facility
- Meet OSHA Electrical Safety Requirements by the implementation of the NFPA 70E Standard for Electricity Safety in the Workplace
- Standards for Limits of Approach explained
- Which employees must be trained
- Arc Flash Protection and Labeling
- Energized Electrical Work Permits
- Safe electrical work practices
- Proper lockout/tagout procedures
- The use of personal protective equipment
- Test equipment and insulated tools
- How to establish and maintain compliance
- Plus much more!

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NFPA 70E/Arc Flash Electrical Safety

This 2-day seminar is NOW ONLY \$899

Important Regulations to Know

- NFPA 70E 2009
- OSHA 29 CFR 1910.331–.335
- National Electric Safety Code

Standards Development Organizations

- American National Standards Institute (ANSI)
- American Society of Testing and Materials (ASTM)
- Institute of Electrical and Electronic Engineers (IEEE)
- National Fire Protection Association (NFPA)

Electrical Hazards

- Electric shocks, arcs, and blasts
- Fault current and potential difference
- Electrical safety in industrial plants

29 CFR 1910.331-.335

Electrical Safe Work Practices

- Qualified person requirements
- Training requirements
- Selection and use of work practices
- Work on de-energized parts
- Lockout/Tagout
- Working on or near exposed energized parts
- Test instruments and equipment
- Safeguards for personnel protection
- Proper use of rubber goods
- Insulated tools
- Flame Resistant (FR) clothing

Safety Maintenance Practices

- Switchgear
- Premise Wiring Controllers
- Fuses and Circuit Breakers

Safe Installation Practices

- Guarding of Live Parts
- Effective Grounding
- Working Clearances

NFPA 70E

- Approach boundaries
- Flash boundary
- Ground-Fault Circuit Interrupters
- Selection of Personal Protective Equipment (PPE)
- Equipment matrix
- Simplified two-category, (FR) clothing system

- **Win-Win for Employees and Employers**—NTT seminars develop and enhance the skills and confidence level of employees making them more highly qualified technicians. This in turn creates increased productivity, less downtime, and cost-savings for the company. In fact, NTT's cost per training day is lower than most competitors! Companies that invest in NTT seminars provide the opportunity for employees to continue expanding their knowledge base and troubleshooting skills.
- **Best and Most Experienced Instructors**—NTT instructors average more than 28 years of real-life experience and are subject matter experts in their fields. This vast experience is invaluable to seminar attendees because NTT instructors are able to make the most complex subjects understandable and build skills and confidence in attendees.
- **Learning Lunch/Information Exchange**—NTT has mastered the art of maintaining a focused learning environment. By providing a non-interrupted catered lunch, students have the opportunity to continue their learning by interfacing with the NTT instructor and other attendees on real-life situations and subject matter.
- **On-Site Training**—All NTT seminars can be delivered to your site to save you time and money. You can realize up to a 25% savings by having the seminar at your facility. NTT's professional sales team will help tailor site specific training to meet your unique requirements.
- **No Sales Bias**—NTT, Inc. presents a completely unbiased training seminar and view of the industry. You may be sure that NTT material will be presented in a totally factual method without the inherent sales bias present in many manufacturer-sponsored seminars. To generate free and open exchange of information, tape recording of seminar sessions will not be permitted.
- **NTT Continuing Education Units**—After completion of this seminar, students will receive .8 CEU's (Continuing Education Units) for each day of the seminar. Attendees will also receive a personalized Certificate of Completion. Please check with your licensing board or NTT as to applicability.
- **Satisfaction Guarantee**—NTT stands behind its training. If you feel you did not receive the expected value from the seminar, and NTT is unable to remedy the situation to your satisfaction, we will refund your money.



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Download a registration form
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- **Fax** 800-338-8441
- **Mail** National Technology Transfer, Inc.
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The Right Way!

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NFPA 70E/Arc Flash Electrical Safety

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