NFPI TRAINING

523D FM 3179 ROAD • HUNTSVILLE, TX 77340
PHONE 800-704-1066 • INFO@NFPITRAINING.COM
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NFPA 70E Safety in the Workplace
With Introduction to Arc Flash Analysis

COURSE INCLUDES:

NFPA 70E Standard

and

Certificate of Completion

ACCREDITED IACET PROVIDER

2-Day Program

7:30 A.M. – 3:30 P.M.

Ask About Our Custom

On-Site Programs

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1. **Electrical Safety in the Work Place & the Qualified Electrical Worker**
   - Background, Responsibilities & Requirements
   - How to Navigate Through the NFPA 70E Standard
   - How OSHA Uses the NFPA 70E Standard for Enforcement
2. **Electrical Hazards**
   - Shock
   - Arc-Flash
   - Arc-Blast
3. **Qualified Person**
   - Recognize & Avoid Electrical Hazards
   - Establish an Electrically Safe Work Condition
   - Proper use of Insulated Tools & Test Equipment
   - Work Within Arc & Shock Boundaries
   - Determine Nominal Voltage
   - Ascertain Arc-Flash Hazard
   - Establish PPE Requirements
   - Work on Energized Components
4. **Safety Practices in the Work Place**
   - Relationships with Contractors
   - Safe Work Conditions (LOTO)
   - Safe Limits of Approach
   - Hazard Analysis, Risk Estimation, & Risk Evaluation
   - Electrically Energized Work Permit (Hot Work)
   - General Requirements
   - Energized Parts
   - Arc Flash Analysis
   - Interpret Arc Flash Labels
   - Emergency Procedures
5. **Safety-Related Maintenance Requirements**
   - General Maintenance Requirements
   - Substations & Switching Equipment
   - Hazard (Classified) Locations
   - Portable Electric Tools & Equipment
   - Personal Safety & Protective Equipment
   - Fuses & Circuit Breakers
   - Premises Wiring
   - Rotating Equipment
   - Controller Equipment
   - Batteries & Battery Rooms
6. **Safety Requirements for Special Equipment**
   - Electrolytic Cells
   - Lasers
   - Research & Development Laboratories
   - Batteries & Battery Rooms
   - Power Electronic Equipment
7. **Electrical Safety Program**
   - Typical Safety Program Principles, Controls, & Procedures
8. **Also Covered in this Essential Course**
   - Qualified & Unqualified Electrical Workers
   - Job Briefing & Planning
   - Layering of Protective Clothing
   - Simplified, Two-Category, Arc-Rated Clothing System
   - Incident Energy & Arc Flash Boundary Calculation Methods
   - Definitions
   - Changes for Current Year

For more information or to register contact us: 800-704-1066 or email info@nfpitraining.com