

NFPA 70E Safety in the Workplace With Introduction to Arc Flash Analysis

COURSE INCLUDES:
 NFPA 70E Standard
 and
 Certificate of Completion



2-Day Program

8:00 AM – 4:00 PM

Ask About Our Custom
On-Site Programs

NFPI TRAINING
WWW.NFPITRAINING.COM
 523D FM 3179 ROAD
 HUNTSVILLE, TX 77340



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