

COURSE INCLUDES:

NFPA 70E Standard
and
Certificate Of Completion



2-Day Program
8:00 A.M. – 5:00P.M.
\$1,045 Per Person

Ask About Our Custom
Onsite Programs

National Fluid Power Institute

www.nfpitraining.com
PH (800) 704-1066
FAX (800) 704-1367
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 2015

REGISTRATION FORM

PLEASE USE A SEPARATE FORM FOR EACH COURSE # _____

COURSE LOCATION _____ COURSE DATES _____

PERSON TO CONTACT FOR CONFIRMATION: _____

STUDENTS: _____

COMPANY: _____ PHONE: _____ EXT: _____

ADDRESS: _____ EMAIL: _____

CITY: _____ STATE: _____ ZIP: _____

STUDENT(S) (__) @ \$1,045.00 PER PERSON \$ _____

CHECK IS ENCLOSED USE OUR PURCHASE ORDER NO. _____

VISA M/C AE # _____ EXP. DATE: _____