

Electrical Safe Work Practices and NFPA 70E

Each year, hundreds of people are electrocuted on the job and many more are injured by electrical contact and arc flash incidents. This seminar will give you the information you need to be able to identify and reduce, or eliminate electrical safety hazards in the workplace, including conducting an arc flash analysis at your facility.

Why do I need to do an arc flash analysis?

The National Fire Protection Association's 70E publication 2000, Part II 2-1.3.3 regarding Arc Flash Analysis, states that a "Flash Hazard Analysis shall be done before a person approaches any exposed electrical conductor or circuit part that has not been placed in an electrical safe work condition." This Arc Flash Hazard Analysis must be done to determine the level of personal protection equipment (PPE) that a worker must use, and the arc flash boundary in inches along with the incident energy found at each location. Each panel must be marked with an ANSI z535-approved warning label.

Topics to be discussed

- OSHA 1910.303 general requirement.
- OSHA 1910.331-.335 safety work practices.
- NFPA 70E regulations.
- Electrical protective devices.
- Lockout/tagout procedures.
- How to select the correct personal protective equipment.
- Identification of energized parts.
- Arc flash assessments — calculations versus NFPA tables.
- Electrical safety program and permits.
- Safety for contractors.
- How OSHA, NEC & NFPA fit together
- How shocks occur.
- Severity of shock.
- Grounding.
- Recognizing & preventing electrical hazards.
- Safety Requirements for electrical test equipment.
- Proper techniques for checking fuses.
- Electrical safety precautions.
- Arc flash boundaries.
- How to use the NFPA tables.
- Employer responsibilities.
- Inspection requirements for PPE.

When & Where

◆ **Registration** — 8 to 8:30 a.m.; Program: 8:30 a.m. to 3:30 p.m.

◆ **Thursday and Friday, November 12-13**, Hilton Jackson; I-55 North and County Line Rd., Jackson; 601-957-2800.

MMA has secured a room block at the Hilton at a cost of \$109 per night. Reservations must be made at least four weeks prior to the seminar date. When making your reservation, please identify yourself as attending an MMA seminar.

Cost

◆ \$285 for MMA members; \$350 for non-members. Cost includes continental breakfast, lunch, refreshments and handout materials.
◆ *For MMA member companies sending three (3) or more employees from the same company location, cost is \$240.*

REGISTER ONLINE NOW

Reminder notices will be sent a few days prior to the seminar. If you do not receive a reminder notice, or if you would like more information about this or other MMA seminars, contact Barbara at 601-948-1222 or barbara@mma-web.org.

Mississippi Manufacturers Association



WORK COMP GROUP

The MMA Work Comp Group will pay the registration fee for its CURRENT members. Please check the appropriate box on the registration form.

Seminar Leader:

◆ Ronnie Fulcher, President and CEO, H.A.S.C.A.T.S. (Health and Safety Consultation and Training Services, Inc.), Canton.



MMA Seminar Registration Form

Mississippi Manufacturers Association

Seminar Name _____

Seminar Date _____ Seminar location _____

Name of Attendee(s) and job title(s) _____

Company Name _____

Company Address _____

City _____ State _____ Zip _____

Is your company a member of the MMA Work Comp Group? YES NO

Attendee Phone Number _____

Attendee Fax Number _____

Attendee E-mail Address _____

If different than above:

Name of Person Submitting Registration _____

Job Title _____

Address _____

Phone Number _____ Fax Number _____ E-mail _____

If different than above:

Billing Contact _____

Address _____

Phone Number _____ Fax Number _____ E-mail _____

Job Title _____

Return form and payment to: Mississippi Manufacturers Association, P.O. Box 22607, Jackson, MS 39225-2607; fax (601) 948-6197. You also may register online at www.mma-web.org.

American Express _____ Visa _____ MasterCard _____
Card number _____ Expiration date ____/____

No refunds without 48 hours cancellation notice! No refunds for no-show.

REMINDER NOTICES WILL BE SENT A FEW DAYS PRIOR TO SEMINAR DATE. If you do not receive a reminder notice, please contact Barbara at 601.948.1222 or barbara@mma-web.org.