



Certified Electrical Hazardous Location Specialist – Low Voltage

Course Length: 3 ½ Days CEU's 3.0

Professional Credential: Certified Electrical Safety Specialist (CESS – Low voltage)

Note: Refresher certification is required every year to maintain professional credential.) Recertification fee \$150

Course Fees: \$595.00

Course Description:

Identify hazardous zones, learn codes, standards and certification requirements. The National Electrical Code® (NEC) defines hazardous locations as those areas where fire or explosion hazards may exist due to flammable gases or vapors, flammable liquids, combustible dust, or ignitable fibers or flyings.

Articles 500 through 504, and 510 through 517 provide classification and installation standards for the use of electrical equipment in the three classified hazardous locations: type, condition and nature. Also learn about design issues, proper grounding and bonding, safe wiring methods and maintenance techniques.

Course Outcome, You will Learn:

- Hazardous Locations
- Basic installation requirements
- Hazardous location identification
- Design issues
- Grounding and bonding
Codes, standards, certification, and marking
- Other protective schemes
- Wiring methods

- Maintenance

Audience

This course will be valuable for:

- Electrical Personnel
- Safety, Health and Environmental Professionals,
- Safety & Health Committee Members
- Government Inspectors
- Electrical Managers & Supervisors
- Hospital and Healthcare Managers
- General Industry and Construction Personnel
- Safety & Health Professionals
- Training Managers
- Industrial Hygienists
- Environmental Professionals

Testing:

Students completing the course must take a proctored final exam. A score of 80% on the final exam is necessary to receive your personalized certificate of completion. The student gets three (3) attempts to pass the course.

