



Certified Electrical Safety for Power Generation, Transmission & Distribution Specialist Course

Course Duration: 4 Days CEU's 3.6

Professional Credential: Certified Electrical Safety Specialist - Power Generation, Transmission & Distribution (CESS - PGTD)

(Note: Refresher certification is required every three years to maintain professional credential.)

Course Fees: \$895.00

Course Objectives: Do you do Power Generation, Transmission, or Distribution (GTD)? This course covers the training mandates under OSHA 1910.269, including the requirements to be deemed a Qualified Worker, and work safety and efficiency. Learn how to create a safe work environment for you and your co-workers through understanding electrical hazards and proper work and protection practices. Review the OSHA specific requirements for working on or near high voltage electrical systems including, personal protective grounding, equipment grounding, live line tools, PPE and LOTO. Training will address power generation, over-head and underground lines and NESC applications. With a seven-fold increase in OSHA's penalty structure for violations and proposed revisions to allow harsher criminal negligence citations, you and your contractors need to be updated.

Course Outcome: You will Learn:

- Qualified Worker requirements
- Understand electrical hazards
- electrical shocks,
- arcs and blasts;
- fault current and potential difference
- Power generation, over-head and underground lines and limited NESC

applications

- Personal protective grounding, live line tools, LOTO and PPE.
- Electrical Safety-Related Work Practices
- OSHA Interpretation
- Relevant OSHA Standards

Audience

This course will be valuable for:

- Electrical Professionals
- Safety & Health Professionals
- Safety & Health Committee Members
- Government Inspectors
- Electrical General Industry and Construction Personnel
- 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.

