

OHS SAFETY REGULATION (REF:OTSOSROO1)

Course Description

The latest Final Rule for 1910.269 Electric Power Generation and Distribution was released in April of 2014. This course is designed to familiarize all participants with the new requirements in the standard. OSHA requires training for all employees that perform work which could put them at risk from electrical hazards. Electrical hazards cause hundreds of deaths and thousands of injuries in the workplace every year. Electrical hazards are one of OSHA's "Fatal Four." OSHA's electrical standards are designed to protect employees exposed to dangers such as electric shock, electrocution, fires, and explosions. The language, interpreting and application of these standards can be difficult. A thorough understanding of OSHA electrical safety requirements, as they apply to your workplace, is essential for minimizing electrical accidents and ensuring compliance. Who Should Attend This course is intended for any personnel that work on or around power generation, transmission and distribution equipment operating at 600 volts or more.

Learning Objectives

- Explain the hazards of electricity and their effects
- State the source of electrical regulations and standards
- Describe training requirements for qualified workers, working on or near generation, transmission and distribution types of construction
- State requirements for work performed on electrical power installations and equipment
- Explain the OSHA requirements for first aid, CPR, and emergency rescue
- Describe the hazardous energy control requirements of 1910.269(d) and (m)
- State the correct work practices for working on or near exposed energized parts

Course Outline

Day 1

1. Introduction

2. Hazards of Electricity

- A. Electrical Shock
- B. Electrical Arc Flash
- C. Electrical Arc Blast

3. Electrical Safety Regulations and Standards

- A. Who is OSHA?
- B. Overview of the Regulations and Standards

Day 2

4. Electric Power Generation, Transmission, and Distribution

- A. Overview of Electrical Power Systems
- B. OSHA 1910.269 – Electric Power Generation, Transmission, and Distribution

5. Conclusion

- A. Review
- B. Test
- C. Final Paperwork

