BLACKBIRD FOR TRAINING

Comprehensive Electrical Safety Management Training Program

11 – 15 October 2027
Barcelona (Spain)



Comprehensive Electrical Safety Management Training Program

Ref: 322850_216555 **Date:** 11 – 15 October 2027 **Location:** Barcelona (Spain) **Fees:** 5900 GBP

Course Description

This comprehensive 1-week electrical safety management training program equips participants with the knowledge and skills to effectively manage electrical safety in the workplace. The course covers key aspects of electrical safety, including regulatory compliance, hazard recognition, risk assessment, and implementation of safety programs. Participants will gain practical insights into creating and maintaining a safe electrical work environment.

Learning Objectives

- Understand and apply relevant electrical safety regulations and standards
- Develop skills in identifying and assessing electrical hazards in various work environments
- Learn to create and implement effective electrical safety management systems
- Gain proficiency in selecting appropriate personal protective equipment PPE for electrical work
- Understand best practices for emergency response and incident investigation

Course Modules

Day 1: Fundamentals of Electrical Safety

- Introduction to electrical safety principles
- Overview of relevant regulations and standards OSHA, NFPA 70E
- Electrical hazards and their effects
- Basics of electricity and electrical systems

Day 2: Hazard Recognition and Risk Assessment

- Identifying electrical hazards in the workplace
- Conducting electrical safety audits
- Risk assessment methodologies
- Arc flash and shock hazard analysis

Day 3: Electrical Safety Program Development

- Components of an effective electrical safety program
- Developing electrical safety policies and procedures
- Training requirements for qualified and unqualified personnel
- Documentation and record-keeping best practices



Day 4: Safe Work Practices and PPE

- Lockout/Tagout LOTO procedures
- Selection and use of electrical PPE
- Safe work practices for energized and de-energized work
- Electrical equipment maintenance and testing

Day 5: Emergency Response and Program Implementation

- Emergency response planning for electrical incidents
- Incident investigation and root cause analysis
- Implementing and maintaining an electrical safety culture
- Continuous improvement strategies for electrical safety programs

Practical Wins for Participants

- Ability to develop and implement a comprehensive electrical safety management system
- Enhanced skills in conducting thorough electrical hazard assessments
- Improved capability to select appropriate PPE and establish safe work practices
- Increased confidence in managing electrical safety and compliance in the workplace

