XCELERATE TRAINING INSTITUTE
your learning & development partner

ELECTRICAL ENGINEERING

ARC Flash Electrical Safety, Protection and Hazard

DURATION	LANGUAGE	FORMAT
5 days	English	Classroom / Online

Upcoming dates

Dates	Venue	Format	Fee
1 – 5 Mar 2027	Live online	Online (live)	€1,200
13 – 17 Sep 2027	Live online	Online (live)	€1,200
11 – 15 Oct 2027	Barcelona	Classroom	€4,800

Register or ask a question

Online: x8ti.com/course/arc-flash-electrical-safety-protection-and-hazard/

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ARC Flash Electrical Safety, Protection and Hazard

Introduction

Arc flashes are dangerous electrical incidents that can cause severe injuries. This course by Xcelerate Training Institute focuses on understanding arc flash hazards, preventing accidents, and implementing safety measures. It covers topics such as incident energy, protective equipment, and emergency procedures.

Learning Objectives

Upon completion, participants will be able to:

- Identify arc flash hazards and risks
- Understand arc flash incident energy and its effects
- Implement safety protocols and procedures
- Select and use appropriate personal protective equipment (PPE)

Training Methodology

The course combines classroom instruction, practical exercises, and real-world examples to provide a comprehensive learning experience.

Benefits for You

- Enhanced Safety Awareness: Participants gain a comprehensive understanding of arc flash hazards and safety measures, reducing the risk of injuries.
- Practical Skills: Learn to perform arc flash studies and apply safety protocols using tools like ETAP software.
- Certification: Obtain certification that validates their knowledge and skills in electrical safety.
- Career Advancement: Enhance professional credentials, making them more competitive in the job market.
- Confidence: Develop confidence in working safely around electrical equipment and handling potential hazards.

Benefits for Your Organisation

- Compliance: Ensure adherence to OSHA and NFPA 70E regulations, avoiding potential fines and legal issues.
- Reduced Accidents: Lower the incidence of electrical accidents, leading to fewer injuries and associated costs.
- Improved Safety Culture: Promote a culture of safety within the organization, enhancing overall workplace safety.
- Risk Management: Conduct thorough risk assessments and implement effective safety measures, reducing liability.
- Employee Morale: Boost employee morale and trust by demonstrating a commitment to their safety and well-being.

Who Should Attend

This course is designed for individuals working in electrical environments, including engineers, technicians, and safety professionals.

Course Outline

Arc Flash Fundamentals

This module explores the causes, effects, and prevention of arc flash incidents.

Arc Flash Safety Standards

Participants will learn about relevant safety standards and regulations.

Arc Flash Risk Assessment

This module covers methods for assessing arc flash hazards and determining appropriate safety measures.

Arc Flash Protection

The course discusses various techniques for mitigating arc flash risks, including engineering controls, administrative controls, and personal protective equipment.

Emergency Response

Participants will learn about emergency procedures for arc flash incidents.

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Registration Form

ARC Flash Electrical Safety, Protection and Hazard

Preferred dates: ..... Venue or online: .....

Duration: 5 days Language: .....

Please complete and email this form to us, or register online. We confirm your place and send the invoice within one working day.

Delegate information

Full name (Mr / Ms / Dr / Eng): .....

Position: ..... Telephone / mobile: .....

Official email: ..... Personal email: .....

Company information

Company name: .....

Address: .....

City / country: ..... VAT / tax number: .....

Person responsible for training & development

Full name (Mr / Ms / Dr / Eng): .....

Position: ..... Telephone / mobile: .....

Email: .....

Payment

☐ Please invoice me ☐ Please invoice my company

Signature: ..... Date: .....

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info@x8ti.com

Register online
Open the course page