

Mission Critical Electrical Systems Safety and Maintenance



Explore the importance of how standards and regulations affect electrical maintenance safety Maintenance of electrical systems is integral to ensuring continuous power to critical infrastructure. A sound understanding of a facility's electrical infrastructure, internal deficiencies and evaluating test reports is required in order to implement a proper maintenance program.

Learning Outcomes

- Summarize how the role of the Facilities Manager has evolved over time
- Indicate the key factors when evaluating an electrical distribution system
- Identify proper use of reliability centered, predictive and preventative maintenance techniques
- Recognize the critical steps, tools and techniques that must be taken to ensure safety when working with dangerous electrical components
- Indicate effective use of infrared scanning
- State the purpose of ground fault circuit interrupters and identify the locations where they are required
- Differentiate between grounding and bonding
- Describe special grounding techniques
- Identify the classes, divisions and techniques associated with hazardous locations as defined by the NEC

5 reasons to choose our courses:

1

Courses aligned to international standards

2

Expert instructors with over 10 years experience

3

Interactive learning experience

4

Blended learning solutions (classroom and online)

5

Specialist career progression tracks for advanced learning

Who should attend?

Any individual directly or indirectly involved in the management or operation of an existing data centre; or in the exploration, design or build phase of a new project, including:

- Data Centre Operator
- OEM Supplier
- Sales Engineer
- Project Manager
- Facilities Manager

Course Content

- History of the Facilities Manager
- System Evaluation
- Building Deficiencies and Analysis
- Electrical Safety
- System Maintenance

Price: £250 | €300 | \$400