



ELECTRICAL SAFETY FOR EMPLOYEES

PROFESSIONAL ONLINE COURSE

SGTAEC25019



About this course

Electricity is an essential part of almost every workplace, yet it remains one of the most underestimated and unforgiving hazards. Electrical incidents often occur without warning and can result in serious injury, permanent disability, fires, explosions or fatalities – frequently involving employees who are not electricians and who are unaware of the risks they are exposed to during routine tasks.

This Electrical Safety for Employees Training Programme is designed to provide employees with a clear, practical and legally aligned understanding of electrical safety in the workplace. The course focuses on awareness, hazard recognition and safe work practices rather than electrical installation or repair work.

The programme explains how electrical hazards arise, how electricity affects the human body, why low-voltage systems can still be deadly, and how everyday workplace conditions such as moisture, damaged equipment and unsafe behaviour significantly increase risk. Emphasis is placed on recognising unsafe conditions, using electrical equipment correctly, understanding protective systems such as grounding and circuit protection, and responding appropriately during electrical emergencies.

By the end of this course, learners will understand their legal duties, how to protect themselves and others from electrical hazards, and how to contribute meaningfully to a safer working environment in compliance with South African legislation.

Accreditation & Alignment

This course supports legal and compliance requirements under:

- Occupational Health and Safety Act 85 of 1993
- Electrical Machinery Regulations
- General Safety Regulations
- Relevant SANS standards applicable to electrical installations and equipment
- Employer duties relating to information, instruction and training
- ISO 45001 Occupational Health and Safety Management System principles

While not aligned to a specific SAQA unit standard, the content is delivered at a basic to intermediate applied safety competency level, exceeding generic awareness training by covering:

- Practical electrical hazard recognition
- Behaviour-based electrical safety principles
- Legal responsibilities of employees and employers
- Safe work practices and emergency response

Who should do this course?

This course is ideal for:

- Employees working in environments where electricity is present
- Office personnel using electrical equipment
- Maintenance support staff (non-electricians)
- Factory, warehouse, workshop and production employees
- Agricultural, food processing and abattoir workers
- Construction and general industry employees
- Supervisors and team leaders requiring electrical safety awareness

This course is not intended to train electricians or authorise electrical installation, testing or repair work.

No prior electrical training is required.

What you will learn – Course Modules

Module 1: Understanding Electricity and Electrical Safety

Basic electrical concepts explained simply, how electricity flows, and why it is dangerous in the workplace.

Module 2: Electrical Hazards in the Workplace

Common electrical hazards, electric shock, electrocution, burns, fires, explosions and environmental risk factors.

Module 3: Effects of Electricity on the Human Body

How electrical current affects the body, injury severity, low-voltage risks and long-term hidden injuries.

Module 4: Common Electrical Hazards and Causes of Incidents

Damaged cables, overloaded circuits, faulty equipment, improper use of extension leads, moisture and static electricity.

Module 5: Electrical Protection Measures

Hierarchy of controls, insulation, guarding, grounding, earthing and circuit protection devices.

Module 6: Safe Work Practices for Employees

Safe use of electrical tools, housekeeping, lockout awareness and working near energised equipment.

Module 7: Personal Protective Equipment and Tools

Electrical PPE, limitations, inspection and correct use of tools.

Module 8: Electrical Emergencies and Incident Response

Responding to electric shock, electrical fires, downed power lines and emergency reporting.

Module 9: Roles, Responsibilities and Legal Duties

Employer, employee and supervisor responsibilities and legal consequences of non-compliance.

Module 10: Summary and Key Electrical Safety Principles

Critical safety messages, prevention strategies and building a culture of electrical safety.

Mode of delivery & duration

This programme is delivered 100% online via the SAFCON Learning Management System.

- Self-paced learning
- Approximate duration: 4–6 hours
- Accessible on any device
- Suitable for induction and refresher training

Course Assessment

Assessment is completed online and includes:

- Knowledge-based questions
- Scenario-based application questions

A minimum 70% pass mark is required to achieve competence.

Results are automatically recorded for compliance and audit purposes.

Course Certificate

Learners who successfully complete the programme receive:

SAFCON Group Training Academy

Certificate of Completion: Electrical Safety for Employees

Your certificate includes:

- Digital PDF format
- Unique certificate number
- Suitable for audits, HR compliance, ISO systems and labour inspections

Recommended refresher: Every 12 months or when work conditions change.

Why choose SAFCON Group Training Academy?

SAFCON Group Training Academy delivers professional, legally grounded safety training designed for real workplace application. Our courses are developed by experienced HSEQ practitioners with extensive industry exposure, ensuring learners receive practical, defensible knowledge rather than generic theory.

This Electrical Safety for Employees programme is structured to support employer legal duties while empowering employees to recognise hazards, apply safe behaviour and prevent incidents. The content focuses on real workplace conditions, common electrical risks and practical prevention strategies aligned with Department of Employment and Labour expectations.

Our self-paced online delivery allows learners to complete training without disrupting operations while still meeting compliance requirements. The course is suitable across all industries and is recognised for audits, inspections and management systems.

How to Enrol

✓ **Instant Enrolment (Pay Once)**

Register securely via PayFast and receive immediate access.

✓ **3-Month Subscription (Pay in Instalments)**

Spread the cost over three monthly instalments while receiving full access immediately. Certificate issued after subscription completion.

✓ **Corporate / Group Bookings**

For bulk registrations, VAT invoices, purchase orders and reporting support, select Request Corporate Booking.

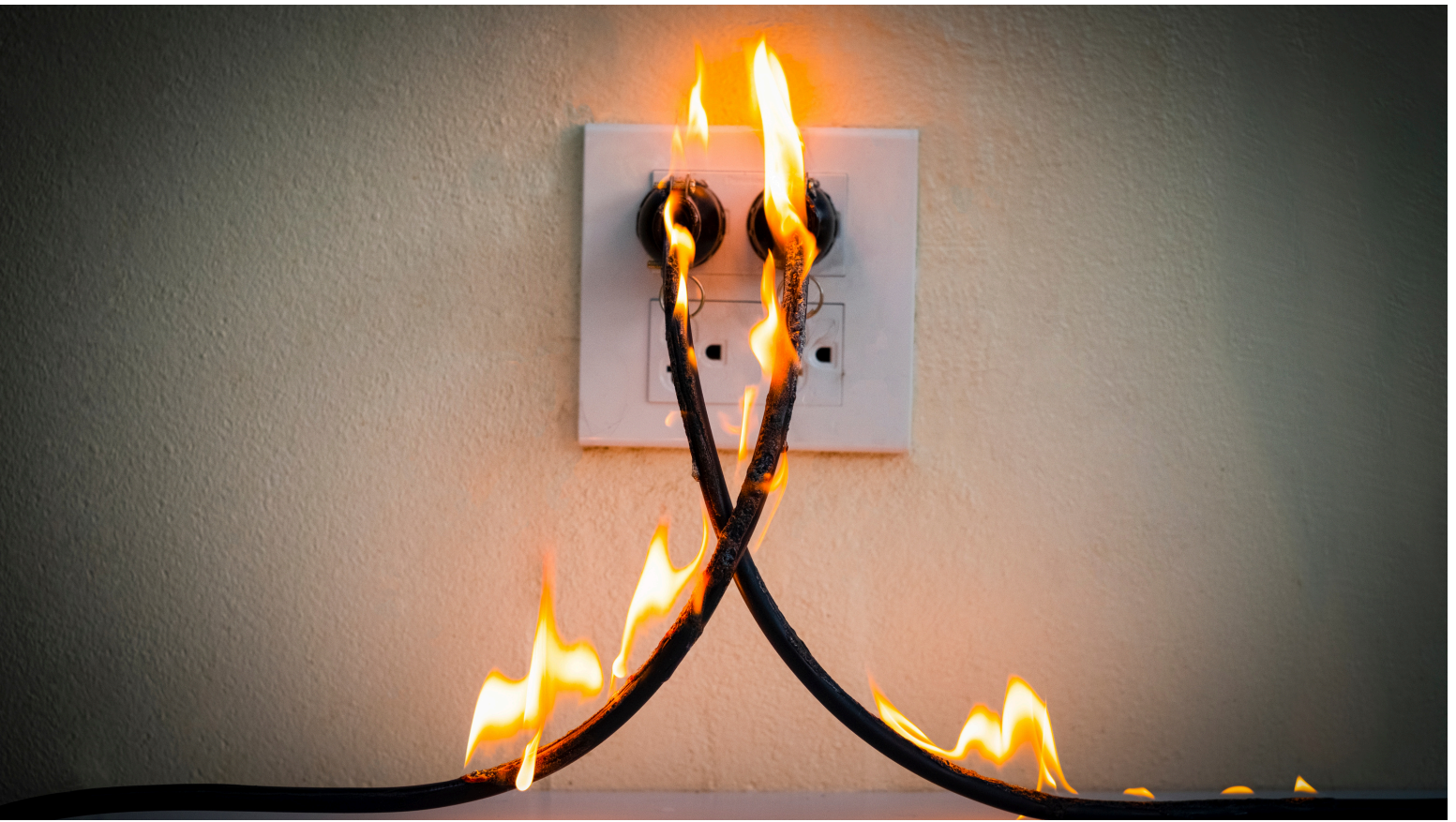
What happens after enrolment?

You will receive:

- Welcome email
- LMS login details
- Immediate course access
- Ongoing learner support

Study at your own pace and download your certificate upon completion.

“All courses are tax-deductible as professional training.”



Contract Information

Email: academy@safcongroup.co.za or accounts@safcongroup.co.za

Webpage: www.safcongroup.co.za

WhatsApp: +27 87 265 7547