



AFAQ-ETA has two safety courses aimed at anyone whose work requires them to operate in proximity to the electricity transmission & distribution network.

An Introduction to HV Systems Safe Working is a short self study preparation to safe working, while the **HV Systems Safe Working** is an open learning course with 5 Tutor Marked Assignments covering General Safety, An Introduction to Electrical Energy, Electrical Substations, Underground Cables and Overhead lines.

Both courses have been running successfully for a number of years.

WHAT DOES THE COURSE CONSIST OF?

The course consists of five open-learning modules covering a basic introduction to safety in relation to the HV electricity network.

Module 1: General Safety

- Basics of Electricity Transmission & Distribution
- Hazards of working in proximity to Electrical Networks
- Legal Requirements
- Electricity Company Safety Rules
- Designated Work Areas
- Working on Electrical Apparatus and in Safe Zones of Work
- Action In the event of an Incident

Module 2: An Introduction to Electrical Energy

- Generation and Supply of Energy
- Transformers and Switchgear
- Transmission, Protection and Distribution Systems
- Earthing and Insulation

Module 3: Electrical Substations

- Substation equipment
- Specific Hazards in Substations
- Entry Procedures
- Safe Zones of Work
- Safety Documentation
- Emergency Procedures

Module 4: Underground Cables

- Cable Construction and Types
- Specific Hazards of Underground Electricity Cables
- Identifying Cables
- Safe Working Practices and Designated Work Areas
- Entry to Confined Spaces

Module 5: Overhead Lines

- Types of Overhead Line
- Identifying Items of Overhead Line Equipment
- Specific Hazards
- Safe Access and Designated Work Areas
- Safety Documentation
- Emergency Procedures

HOW DOES THE COURSE WORK?

Overview

Each module starts with an overview describing the ground to be covered and the learning objectives to be achieved by the end.

Content

Modules are divided into easily-identifiable sections which allow candidates to select the quantity of study material to suit their own available time. Candidates can then plan their own study periods and decide their own pace for their studies.

Clear descriptive diagrams illustrate the text throughout each module.

ITQs/SAQs/Checklists

In-text questions (ITQs) are placed in the study text, enabling candidates to assess their understanding of individual topic areas. ITQs help to show where students may need to re-study particular items and provide an ongoing assessment of progress. At the end of each section, more detailed self-assessment questions (SAQs) are provided to help candidates determine how much they have learnt.

Finally, each module ends with a checklist to help candidates satisfy themselves that they are ready to proceed to the Tutor Marked Assignments.

WHO IS IT FOR?

The course is intended for anyone whose work requires them to operate in proximity to the electricity transmission and distribution network.

HOW DO I GET STARTED?

To enrol/order simply complete AFAQ-ETA's Open Learning Courses Enrolment/Order Form, including details of how you will be paying and return it to Tyla Davis by e-mail, fax or post using the details at the bottom of the page.

Please note that unless an official purchase order has been raised, payment **must** be made (either by cheque or credit card) before the materials can be sent out.

You will then be sent a personal study pack consisting of a full set of study materials, and, for the 5 module course, a supply of stationery for contacting AFAQ-ETA.

For all our current prices, see our Open Learning Courses Enrolment/Order Form.

HOW LONG WILL IT TAKE TO COMPLETE THE COURSE?



The study text is designed to allow candidates to work at their own pace, although candidates are advised that a full module will require a minimum of 20 hours study, plus completion of the TMAs for the full course.

For the full course, of the five modules, students are only required to complete three: modules 1&2, and then one other, although all five can be completed if desired. Students are required to submit at least one module within the first 12 months of enrolling, and should be aware that they will be liable for additional fees if the course is not complete within 3 years and they wish to continue studying.

CANDIDATE SUPPORT

Some companies have designated mentors to help and encourage students, to monitor progress and to advise on study planning etc. Technical information is supplied to mentors by AFAQ-ETA.

Day to day administration is arranged directly between the student and AFAQ-ETA after the initial enrolment. Students may submit their own queries regarding specific problems to AFAQ-ETA who will liaise with tutors to assist the students. Tutors may decide to speak directly to the students to answer enquiries.

HOW WILL THE STUDIES BE ASSESSED?

An important feature of the course is the TMA. Where possible, these are linked to the candidates' workplace experience; this enables candidates to integrate their studies with their daily activities. Candidates will be expected to submit completed TMAs for each module attempted and, on successful completion, candidates will receive an Industry recognised certificate detailing the modules completed and the marks achieved. The **Introduction to HV Systems Safe Working** is self-study so there are no assignments to be submitted.

For more information about any of our training products please contact Tyla Davis, Training & Development Manager, using the details below.

We also offer a range of courses in support of ISO certification – see our website for more details!



AFAQ-ETA

Regus House ■ Victory Way ■ Admirals Park ■ Crossways ■ Dartford ■ DA2 6QD ■ UK

Tel: +44 (0)1322 303356 Fax: +44 (0)1322 303357

E-mail: bill.fenton@afaq-eta.com

Web: www.afaq-eta.com



A brand of AFNOR International,
an AFNOR Groupe Company