

# Module aREC2

## aelēc Electrical Risk C2

aelēc Riesgo Eléctrico C2  
aREC2 (22h)



**Aim:** To train professionals who carry out electrical work in low, medium, and high voltage installations to perform their work in accordance with regulatory procedures and with full control of electrical risks. The course delves into the creation of safe work areas, the practical application of the 5 Golden Rules, and the correct use of PPE and CPE in more technically complex environments.

### PROGRAM: aelēc Electrical Risk C2

1. Overview of electrical hazards
  - 1.1 General aspects of electrical installations
  - 1.2 R.D. 614/2001: Art. 4. Work techniques and procedures
  - 1.3 Types of electrical accidents
  - 1.4 Electrical installations
  - 1.5 General provisions for electrical work
2. Electrical work
  - 2.1 Specific provisions for electrical work
3. Work in potentially hazardous atmospheres
  - 3.1 Classification of areas
  - 3.2 Devices for detecting, measuring, and controlling hazardous atmospheres
  - 3.3 Protective measures against electrical hazards
4. Electrical work in medium voltage/high voltage (MV/HV)
  - 4.1 Main electrical risks in medium voltage installations (lines, CT) and their identification
  - 4.2 CCMs Main elements of electrical substations and their identification
  - 4.3 Five rules in line, CT, and substation installations
  - 4.4 Grounding on supports with overhead lines. Special situation

Most common risks in work on lines, transformers, and substations
5. Practical exercise to be carried out by the student.
  - 5.1 Establishment of a safe working area on a support.
  - 5.2 Actions to be taken

### aREC2 Module aelēc Electrical Risk C2

**Duration:** 22 hours (3 days)

**aREC2 program:** Sections 1 to 5

**Maximum students:** 12 people per Edition

### Certificate validity:

3 years

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