

## 1. TITLE OF THE CERTIFICATE (ES)

Certificado de Profesionalidad de nivel 1 en  
ELEE0108 OPERACIONES AUXILIARES DE MONTAJE DE REDES ELÉCTRICAS

## 2. TRANSLATED TITLE OF THE CERTIFICATE (EN)

Professional Certificate Level 1 in  
ELEE0108 AUXILIARY OPERATIONS OF ELECTRIC POWER GRIDS INSTALLATION  
(This translation has no legal status)

## 3. PROFILE OF SKILLS AND COMPETENCES

The holder of this certificate will have acquired the **general competence** to carry out auxiliary operations, following instructions from a supervisor, in the installation and maintenance of overhead and underground lines of electric power grids, applying the techniques and the procedures required in each case, achieving the quality needed in safety conditions and complying with current regulations. This general competence is specified in the following **competency units (UC)**:

- Carry out operations in the installation of supports of overhead electric power grids (UC0818\_1).
- Carry out the laying out and stringing of cable conductors in overhead and underground of electric power grids (UC0819\_1).

The professional skills are acquired through the **learning outcomes** defined within the related Training Modules (MF):

- Installation operations of supports of overhead electric power grids (MF0818\_1).
- Laying out and stringing of cable conductors in overhead and underground electric power grids (MF0819\_1).
- Practical training at the workplace in auxiliary operations of electric power grids installation (MP0088).

(See legal basis for all learning outcomes information acquired by the holder of this Certificate in each MF).

As a reference, the learning outcomes include in the Practical training that complete and reinforce the learning outcomes acquired in the other training modules, are:

- Install the supports at ground level, using the appropriate procedures and tools, applying occupational risk prevention and safety standards.
- Install the earthing network of the supports in compliance with the occupational risk prevention and safety standards.
- Assemble a high-voltage overhead power grid using the procedures, the tools and the personal protective equipment and security.
- Assemble low-voltage overhead power grid on poles, walls and galleries, using the tools and personal protective equipment and security.
- Assemble an underground electrical power grid on a bed of land, using the procedure, tools and personal protective equipment and security.
- Participate in the working processes of the company, following the rules and instructions established at the workplace.

#### 4. RANGE OF OCCUPATIONS ACCESSIBLE TO THE HOLDER OF THIS CERTIFICATE

The holder of the certificate work in companies dedicated to the assembly and maintenance of electrical distribution power grids of low and high voltage, being this activity regulated by the Electrotechnical Regulations of Low Voltage and High Voltage Overhead Power Grids Regulations. The most relevant Occupations and work positions are:

- Assistant of the electrician installer.
- Assistant of the electric power grids.
- Operator of low voltage electrical installations.
- Worker in the industry of production and distribution of electric powder.

For working in these activities, the holder of this certificate acts always under a supervisor (installer) recognized by the competent authority in electrotechnical and high voltage of electric powder infrastructure.

#### 5. OFFICIAL BASIS OF THE CERTIFICATE

##### Name and status of the national/regional authority providing accreditation/recognition of the certificate

The Ministry of Employment and Social Security or the corresponding autonomous regional administration within the scope of its competence, in the name of the King. The certificate is valid throughout Spain.

##### Level of the certificate

The Professional Certificate Level 1 of the National Repertoire of Professional Certificates corresponds to level 2 of the International Standard Classification of Education (ISCED-P 2011).

The European Qualification Framework (EQF) level:

##### Grading scale/Pass requirements

The grading scale and pass level of the training modules are expressed on a scale of 0 to 10. The minimum score for a pass is 5 in every training module including a pass in the practical training at the workplace module.

The grading system is as follows:

- FAIL: 0 to 4.9
- PASS-SATISFACTORY: 5 to 6.9
- PASS-GOOD: 7 to 8.9
- PASS-EXCELLENT: 9 to 10

##### Access to next level of education/training

This Professional Certificate Level 1 gives access to Professional Certificate Level 2 within the same professional area and family.

For validation purposes, the educational authorities will recognise the professional module or modules of the VET diplomas corresponding to the skills units included in the training modules of this certificate.

##### Legal basis

Royal Decree 1214/2009, of July 17th, by which three professional certificates of the professional family "Electricity and electronics" included the National Repertoire of professional certificates are established. (Appendix I, Code: ELEE0108)

## 6. OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE

This certificate may be acquired by:

1. Training: Completion with a pass grade of the face-to-face or online training programme.
2. Recognition of the professional skills acquired through professional experience or non-formal training (prior learning): Completion of a process of skills evaluation and accreditation in all the skills units making up the professional certificate.
3. Dual training: Completion of a training and apprenticeship contract, which may range from 1 year (or 6 months, if stipulated as such in the collective agreement) to 3 years, during which effective working time is combined with time dedicated to training under the training programme for the professional certificate.

The training method (number 1 above) requires successful completion of the training modules and the practical training at the workplace:

Description of vocational training received	Percentage of total programme (%)	Duration (hours)
Training modules	64	140
Practical training at the workplace	36	80
<b>Total duration of training leading to the certificate</b>		<b>220</b>

**Entry/access requirements:**

- No entry requirements

**Additional information:** Professional certificates are instruments for official accreditation of the professional qualifications in the National Catalogue of Professional Qualifications for all economic activities, within the scope of the labour administration. The National Repertoire of Professional Certificates is divided into three qualification levels (Level 1, Level 2 and Level 3), and by sectors into 26 professional families and 102 professional areas. More information is available at: [www.sepe.es](http://www.sepe.es)

National Europass Centre: [www.sepie.es](http://www.sepie.es)

(\*) **Explanatory note:** This document is designed to provide additional information about the specified certificate, but has no legal status in itself. The format of the description is based on the following texts: Council Resolution 93/C 49/01 of 3 December 1992 on the transparency of qualifications; Council Resolution 96/C 224/04 of 15 July 1996 on the transparency of vocational training certificates; and Recommendation 2001/613/EC of the European Parliament and of the Council of 10 July 2001 on mobility within the Community for students, persons undergoing training, volunteers, teachers and trainers.

More information is available at: <http://europass.cedefop.eu.int>

## Information on Professional Certificates of the Map of Qualifications and Vocational Training in Spain

