

1. TITLE OF THE CERTIFICATE (ES)

**Certificado de Profesionalidad de nivel 3 en
ENAE0408 GESTIÓN DEL MONTAJE Y MANTENIMIENTO DE PARQUES EÓLICOS**

2. TRANSLATED TITLE OF THE CERTIFICATE (EN)

**Professional Certificate Level 3 in
ENAE0408 WIND FARM CONSTRUCTION AND MAINTENANCE
(This translation has no legal status)**

3. PROFILE OF SKILLS AND COMPETENCES

The holder of this certificate will have acquired the **general competence** to coordinate the construction, commissioning and management of the operation and maintenance of wind energy farms and facilities, with the quality and security required and complying with current law. This general competence is divided into the following **skills units (UC)**:

- Develop projects for the construction of wind energy facilities (UC0615_3).
- Manage the commissioning and operation of wind energy facilities (UC0616_3).
- Manage the maintenance of wind energy facilities (UC0617_3).
- Prevent occupational risks and act in cases of emergency in wind farms (UC0618_2).
- Construct and carry out maintenance on wind energy facilities (UC0619_2).

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

- Projects for the construction of wind energy facilities (MF0615_3).
- Operation and commissioning of wind energy facilities (MF0616_3).
- Management of the maintenance of wind energy facilities (MF0617_3).
- Safety and occupational risk assessment in wind farms (MF0618_2).
- Construction and maintenance of wind energy facilities (MF0619_2).
- Practical training at the workplace in Wind farm construction and maintenance (MP0050)

(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 at the workplace that complete and reinforce the learning outcomes acquired in the other training modules, are:

- Define the quality criteria for construction operations of wind energy facilities based on technical documentation, applying authorised procedures and corresponding regulation, and acting in accordance with safety rules.
- Carry out operational manoeuvres in wind energy facilities based on technical documentation, applying corresponding regulatory procedures, using appropriate tools, equipment and materials, and acting according to safety regulations.
- Operate using systems for the remote control of wind farms.
- Cooperate in the supervision of the corrective maintenance processes for wind energy facilities.
- Participate in specialised corrective maintenance operations for wind energy facilities.
- Participate in the analysis of raising and lowering materials and people to and from a wind turbine, helping to set out the procedures and equipment needed to do so safely.
- Carry out assembly operations on a wind turbine in a wind energy facility.
- Take part in the company's working processes, following the rules and instructions established at the workplace.

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

The holder of this certificate may work in companies responsible for the supply, assembly, commissioning, operational management and maintenance of wind energy facilities for power generation. The holder may work in the electrical power production sector, within the sector of renewable energies, as well as the sub-sector of production of equipment goods for wind energy or in companies associated with the maintenance and operation of wind farms. The most pertinent occupations and positions are:

- Wind energy facility operations and maintenance technician.
- Assembly manager in wind farms in general.
- Assembly manager for medium and high-power wind turbines.
- Wind turbine assembly specialist.
- Wind farm maintenance specialist.

The holder of this professional certificate has recognition of the basic level training in labour risk prevention, according to Annex IV of the Royal Decree 39/1997 of 17 of January approving the Labour Risks Prevention Act.

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 3 of the National Repertoire of Professional Certificates corresponds to level 4 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 3 gives access to Professional Certificate Level 3 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 1967/2008 of 28 November, establishing four professional certificates in the professional family Energy and Water, which are included in the National Repertoire of Professional Certificates. (Appendix IV, Code: ENAE0408)

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	74	460
Practical training at the workplace	26	160
Total duration of training leading to the certificate		620

Entry/access requirements:

- *Bachiller* Diploma (upper secondary education); or
- Professional Certificate Level 2 in the same professional area.
- If neither of the above or higher certifications are held, a pass in the key skills tests.

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

National Europass Centre: www.oapee.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

