

1. TITLE OF THE CERTIFICATE (ES)

Certificado de Profesionalidad de nivel 2 en
ENAT0108 MONTAJE Y MANTENIMIENTO DE REDES DE AGUA

2. TRANSLATED TITLE OF THE CERTIFICATE (EN)

Professional Certificate Level 2 in
ENAT0108 INSTALLATION AND MAINTENANCE OF WATER NETWORKS
(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 the assembly, commissioning, operation and maintenance of water supply and distribution networks, as well as the installation and maintenance of sewerage networks, with the quality and safety required and complying with current law. This general competence is divided into the following **skills units** (UC):

- Prepare the site layout of water and sewerage distribution networks (UC0606_2).
- Assemble water and sewage distribution networks (UC0607_2).
- Commission and operate water and sewerage distribution networks (UC0608_2).
- Carry out maintenance on water and sewerage distribution networks (UC0609_2).

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

- On-site layout of water and sewerage distribution networks (MF0606_2).
- Assembly of water and sewage distribution networks (MF0607_2).
- Commissioning and operation of water and sewerage distribution networks (MF0608_2).
- Maintenance of water and sewerage distribution networks (MF0609_2).
- Practical training at the workplace in the Installation and maintenance of water networks (MP0030)

(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:

- Prepare the site layout for water and sewerage networks, with their corresponding project designs or technical reports.
- Carry out assembly of water and sewerage distribution networks, based on technical documentation, using the appropriate tools and acting in accordance with safety rules.
- Carry out pre-commissioning checks, commissioning operations and subsequent handling operations for water and sewage distribution.
- Carry out operations for preventive maintenance of facilities, equipment and the components of water and sewerage distribution networks.
- Carry out operations for corrective maintenance of the equipment and components of water and sewage distribution networks.
- 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 dedicated to assembly, operation and maintenance of water and sewerage distribution networks. The holder may work in the energy sector, in the sub-sector of water collection, treatment and distribution, in productive activities involving assembly, operation and maintenance of installations for the collection and distribution of water and sewage. The most pertinent occupations and positions are:

- Maintenance operator in water collection plants.
- Water treatment and purification plant operator, in general.
- Water distribution systems operator.
- Water collection plant operator, in general.
- Waste-water treatment plant operator.
- Water network maintenance operator.
- Sewage network maintenance operator.
- Water supply and distribution network assembler.
- Sanitation network and facility assembler.

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 2 of the National Repertoire of Professional Certificates corresponds to level 3 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 2 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 1381/2008 of 1 August, establishing two professional certificates in the professional family Energy and Water, which are included in the National Repertoire of Professional Certificates. (Appendix II, Code: ENAT0108)

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	82	370
Practical training at the workplace	18	80
Total duration of training leading to the certificate		450

Entry/access requirements:

- Compulsory Secondary Education Diploma (Lower secondary education); or
- Professional Certificate Level 1 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

