

## 1. TITLE OF THE CERTIFICATE (ES)

**Certificado de Profesionalidad de nivel 2 en  
ENAS0110 MONTAJE, PUESTA EN SERVICIO, MANTENIMIENTO, INSPECCIÓN Y REVISIÓN DE INSTALACIONES  
RECEPTORAS Y APARATOS DE GAS**

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

**Professional Certificate Level 2 in  
ENAS0110 INSTALLATION, COMMISSIONING, MAINTENANCE, INSPECTION AND REVIEW OF GAS RECEIVING  
INSTALLATIONS AND APPLIANCES  
(This translation has no legal status)**

## 3. PROFILE OF SKILLS AND COMPETENCES

The holder of this certificate will have acquired the **general competence** to set up, modify, extend, adapt, inspect, commission, maintain, repair and review gas receiving installations and appliances, in accordance with current law, and with the planned quality and in conditions of safety for people, installations and the environment. This general competence is divided into the following **skills units** (UC):

- Install common and individual gas receiving systems (UC1522\_2).
- Commission, inspect and review regularly the gas recipient systems (UC1523\_2).
- Commission and adapt gas appliances (UC1524\_2).
- Maintain and repair gas receiving installations and appliances (UC1525\_2).
- Prevent risks in gas receiving installations and appliances (UC1526\_2).

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

- Assembly of gas recipient installations (MF1522\_2).
- Commissioning, inspection and regular review of the gas recipient installations (MF1523\_2).
- Commissioning and adaptation of gas appliances (MF1524\_2).
- Maintenance and repair of gas receiving installations and appliances (MF1525\_2).
- Safety risks in gas receiving installations and appliances (MF1526\_2).
- Practical training at the workplace in the assembly, commissioning, maintenance, inspection and review of gas receiving installations and appliances (MP0354)

(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 on-site layout and carry out assembly of gas systems based on technical documentation, applying standard procedures and corresponding regulations, using appropriate tools, equipment and materials, and acting according to established conditions of quality and safety.
- Carry out the review and commissioning of gas installations, complying with the regulatory requirements and applicable standards in the established conditions of quality and safety.
- Commission and adapt gas appliances in accordance with regulations and applicable standards in the established quality and safety conditions.
- Carry out maintenance operations in gas installations and appliances in accordance with established procedures and current regulations, in the established quality and safety conditions.
- Apply techniques of safety and preventive measures according to the established protocol, in the commissioning, inspection and revision of installations, and the start-up and adjustment of gas appliances.
- 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 the supply and distribution of gas, as well as the assembly, operation and maintenance of gas installations and appliances. The holder may work in the energy sector, in the sub-sector of electrical energy, gas, vapour and air conditioning, economic activities of gas production and distribution of gaseous fuels, and in plumbing, installation of heating and air conditioning systems. The most pertinent occupations and positions are:

- Gas installer.
- Inspector of gas receiving installations.
- Agent for start-up and adjustment of gas appliances.
- Gas installation and appliance maintenance technician.

These occupations are subject to regulation by the competent administration in industry, energy and mining. In relation to the occupation of "Gas installer" the holder of this Certificate has recognition of the training necessary to hold the professional licence as a "Gas installer-category B" established in the Royal Decree 919/2006 and the modifications included in Royal Decree 560/2010 and the ITC-ICG09. In relation to the start-up/ putting in operation, adjustment and maintenance of gas equipments, the holder of this Certificate has recognition of the training necessary to adjust, repair and do the maintenance of gas appliances or equipments of 24.4 kw power or gas ceramic hobs included in the already mentioned ITC-ICG09 paragraph 4. 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 1524/2011 of 31 October, establishing three professional certificates in the professional family Energy and Water, which are included in the National Repertoire of Professional Certificates.  
(Appendix I, Code: ENAS0110)

## 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	85	460
Practical training at the workplace	15	80
<b>Total duration of training leading to the certificate</b>		<b>540</b>

### 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](http://www.sepe.es)

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

