

1. TITLE OF THE CERTIFICATE (ES)

**Certificado de Profesionalidad de nivel 1 en
EOCH0108 OPERACIONES DE HORMIGÓN**

2. TRANSLATED TITLE OF THE CERTIFICATE (EN)

**Professional Certificate Level 1 in
EOCH0108 CONCRETE OPERATIONS
(This translation has no legal status)**

3. PROFILE OF SKILLS AND COMPETENCES

The holder of this certificate will have acquired the **general competence** to put on construction works concrete (foundations, structural elements, floors and pavements), participate in prior and subsequent operations to concreting and do auxiliary tasks in construction pits, following the technical instructions and the safety and health working requirements. This general competence is divided into the following **skill units**(UC):

- Participate in prior operations to concreting (UC0277_1).
- Put concrete in constructions works (UC0278_1).
- Do auxiliary tasks in construction works (UC0276_1).
- Do pastes, mortars, adhesives and concretes (UC0869_1).

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

- Pre-concreting operations (UC0277_1).
- Concreting in constructions work (UC0278_1).
- Auxiliary tasks in construction work (MF0276_1).
- Pastes, mortars, adhesives and concretes (MF0869_1).
- Practical training at the workplace in concrete operations (MP0046).

(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:

- Select, install and do the maintenance of the usual auxiliary tools for pre-laying of concrete operations, complying with the received instructions as regards to working methods, safety and health conditions and end of day operations.
- Prepare the usual collective working protection elements before concreting operations, complying with the received instructions as regards to working methods, safety and health and end of day operations.
- Apply distribution and installation of prefabricated nerves techniques, manufactured reinforcements and infill elements, complying with the instructions received as regards to working methods and safety and health conditions.
- Move and pour concrete, respecting the instructions received as regards to working methods and safety and health conditions.
- Compact formwork, poured or pumped, respecting the instructions received as regards to working methods and safety and health conditions.
- Do the curing and surface finishing, respecting the instructions received as regards to working methods and safety conditions.
- Handle and transport loads, respecting the instructions received as regards to working methods and safety conditions.
- Operate with lightweight machines in auxiliary tasks to construction activities, respecting the received instructions and specifications of the operating manuals regarding working methods, safety conditions and end of day operations.
- 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 may work in the construction sector, primarily in new construction and manufacturing of industrial concrete components. The most relevant occupations and work positions are:

- Concrete operator.
- Specialized laborer.
- Concrete curing operator.
- Concrete paver.
- Framer assistant.
- Rebar assistant.

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 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 1966/2008, of November 28th, by which a professional certificate of the professional family Construction and Civil Work included in the National Repertoire of professional certificates, is established. (Appendix I, Code: EPOCH0108).

Amended by the Royal Decree 615/2013, of August 2nd, by which twelve professional certificates of the professional family Construction and Civil Work, included in the National Repertoire of certificates of professionalism and professional certificate are updated as established Annex I of Royal Decree 1966/2008, of November 28th and the professional certificates established as Appendix I, II and III of Royal Decree 1212/2009, of July 17th as Appendix I, II and III of Royal Decree 644 / 2011, of May 9th.

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	220
Practical training at the workplace	15	40
Total duration of training leading to the certificate		260

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

National Europass Centre: 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

