

## 1. TITLE OF THE CERTIFICATE (ES)

Certificado de Profesionalidad de nivel 3 en  
EOCO0212 CONTROL DE EJECUCIÓN DE OBRAS CIVILES

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

Professional Certificate Level 3 in  
EOCO0212 MONITORING OF CIVIL WORKS CONSTRUCTION ONSITE  
(This translation has no legal status)

## 3. PROFILE OF SKILLS AND COMPETENCES

The holder of this certificate will have acquired the **general competence** to manage on site the various working areas of civil works constructions, organizing and supervising the execution, performing surveys, monitoring the development of the short-term planning and assigning workloads to ensure that works are done with the quality and the time limit scheduled, observing the safety and health working conditions, and following the blueprint specifications and the instructions received by the top or higher responsible. This general competence is divided into the following **skill units (UC)**:

- Perform surveys in the pits and organise the topography services works (UC2140\_3).
- Check the laying out of the formwork, passive armatures and concrete (UC2141\_3).
- Monitor the foundations works and structures in civil works (UC2142\_3).
- Monitor the earthmoving works in civil works (UC2143\_3).
- Monitor the pipes and facilities services installations in civil works (UC2144\_3).
- Monitor the road surface constructions and complementary elements in civil works (UC2145\_3).
- Organise and manage the development of construction works (UC2146\_3).
- Monitor at a basic level labour risks in construction (UC1360\_2).

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

- Organization and development of onsite work in construction (MF2140\_3).
- Onsite development of formwork, passive armatures and concrete (MF2141\_3).
- Foundation works and civil engineering structures (MF2142\_3).
- Earthmoving works in civil engineering (MF2143\_3).
- Civil works of pipelines and facilities services installations (MF2144\_3).
- Road surfaces and complementary elements in civil engineering (MF2145\_3).
- Organization of resources and workload in construction works (MF2146\_3).
- Basic occupational risks prevention in construction (MF1360\_2).
- Practical training at the workplace in monitoring of civil works construction onsite (MP0542).

(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:

- Use organization and monitoring software for surveys onsite following the instructions and under the supervision of the responsible.
- Monitor and manage the performing of formwork, passive armatures and concrete, following the instructions of a superior responsible.
- Control and manage the foundations works, the retaining structures, the complementary elements of the foundations and of different types of buildings structure in civil works which includes reinforced concrete structures and prefabricated elements of different materials, according to the technical documentation and following the instructions of the superior responsible.
- Monitor and manage the earthmoving works or gardening works in civil works according to the blueprint and following the instructions of the superior responsible.
- Monitor and manage the construction of pipes and facilities services installations in civil works according to the blueprint and following the instructions of the superior responsible.
- Monitor and manage the implementation of strong and complementary elements in civil works according to the blueprint and following the instructions of the superior responsible.
- Organise and manage construction work and/or urban development works, according to the blueprint and

<b>3. PROFILE OF SKILLS AND COMPETENCES</b>
<p>following the instructions of the superior responsibility.</p> <ul style="list-style-type: none"> <li>- Participate in the working processes of the company, following the rules and instructions established at the workplace.</li> </ul>

<b>4. RANGE OF OCCUPATIONS ACCESSIBLE TO THE HOLDER OF THIS CERTIFICATE</b>
<p>The holder of this certificate may work in the construction sector, in civil engineering works and specialized construction activities services. The most relevant occupations and work positions are:</p> <ul style="list-style-type: none"> <li>- Civil works managers in general.</li> <li>- Managers and/or team leaders in assembly of metallic structures workshops.</li> <li>- Site manager</li> <li>- Structures construction onsite managers and team leaders.</li> <li>- Earthmoving works managers.</li> <li>- Road surface and pavements onsite managers.</li> <li>- Pipes and facilities services installation manager.</li> </ul> <p>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.</p>

<b>5. OFFICIAL BASIS OF THE CERTIFICATE</b>
<p style="text-align: center;"><b>Name and status of the national/regional authority providing accreditation/recognition of the certificate</b></p> <p>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.</p>
<p style="text-align: center;"><b>Level of the certificate</b></p> <p>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).</p> <p>The European Qualification Framework (EQF) level:</p>
<p style="text-align: center;"><b>Grading scale/Pass requirements</b></p> <p>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.</p> <p>The grading system is as follows:</p> <ul style="list-style-type: none"> <li>- FAIL: 0 to 4.9</li> <li>- PASS-SATISFACTORY: 5 to 6.9</li> <li>- PASS-GOOD: 7 to 8.9</li> <li>- PASS-EXCELLENT: 9 to 10</li> </ul>
<p style="text-align: center;"><b>Access to next level of education/training</b></p> <p>This Professional Certificate Level 3 gives access to Professional Certificate Level 3 within the same professional area and family.</p> <p>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.</p>
<p style="text-align: center;"><b>Legal basis</b></p> <p>Royal Decree 986/2013 of December 13th, by which three professional certificates of the professional family Construction and Civil Work, included in the National Repertoire of professional certificates are established, and certain professional certificates of the professional family "Extractive industries", established in Royal Decree 1217/2009 of July 17th and in Royal Decree 713/2011 of May 20th are updated. (Appendix III, Code: EOCO0212)</p>

## 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	530
Practical training at the workplace	18	120
<b>Total duration of training leading to the certificate</b>		<b>650</b>

### 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](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

