

1. TITLE OF THE CERTIFICATE (ES)
Certificado de Profesionalidad de nivel 1 en IEXM0109 OPERACIONES AUXILIARES EN EXCAVACIONES SUBTERRÁNEAS Y A CIELO ABIERTO

2. TRANSLATED TITLE OF THE CERTIFICATE (EN)
Professional Certificate Level 1 in IEXM0109 AUXILIARY OPERATIONS IN UNDERGROUND AND OPEN-PIT EXCAVATIONS (This translation has no legal status)

3. PROFILE OF SKILLS AND COMPETENCES
<p>The holder of this certificate will have acquired the general competence to do support, help and assistance operations in drilling and surveys, blasting, mechanized excavations, loadings, transport and maintenance activities either in underground and open-pit excavations, with use or not of all extracted mining resources, complying occupational risk preventions regulations and environmental protection measures. This general competence is divided into the following skill units(UC):</p> <ul style="list-style-type: none"> - Do auxiliary operations in excavations and loading activities (UC0854_1). - Do auxiliary operations in blasting activities (UC0855_1). - Do auxiliary operations in ground support activities (UC0856_1). - Do auxiliary operations in transport excavation activities (UC0857_1). - Prevent risks in underground and open face excavations (UC0858_1). <p>The professional skills are acquired through the learning outcomes defined within the related Training Modules (MF)</p> <ul style="list-style-type: none"> - Digging and loading auxiliary operations (MF0854_1). - Blasting auxiliary operations (MF0855_1). - Ground support auxiliary operations (MF0856_1). - Auxiliary transport operations in underground or open-pit excavations (MF0857_1). - Risk prevention in underground and open pit excavations (MF0858_1). 858_1). - Practical training at the workplace in auxiliary operations in underground and open-pit excavations (MP0157). <p>(See legal basis for all learning outcomes information acquired by the holder of this Certificate in each MF).</p> <p>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:</p> <ul style="list-style-type: none"> - Compliance with the risks and safety measures to be taken in open-pit and underground excavations, identifying the collective protection and personal protection equipment to be used. - Use picks, breaking hammers and hand drills, applying the established procedures for their operation and maintenance, and complying with occupational safety and health measures for this type of work. - Collaborate assisting to the excavations works of moving, positioning and preparing of drilling equipment, mechanized digging and loading excavations resources. - Help in the support with bolts and shotcrete (gunite), so that the stability of the ground is achieved, as well as drainage operations and waterproofing of the soil. - Assist in the preparation, installation and maintenance of roads and tracks, as well as in transport operations of material by continuous and / or discontinuous means, in underground and open pit excavations. - Collaborate in the loading and tamping of explosives, following current use of explosives regulations and occupational safety rules and regulations applicable to open pit and underground mining excavations. - 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 this certificate may work in companies dedicated to open-pit and underground excavations, with usability or not of the extracted materials. The most relevant occupations and work positions are:

- Open pit mining and quarrying labourer.
- Civil works labourer, in general.
- Stonecutter in mines.
- Underground mines worker.
- Assistant to the miner.
- Assistant to ground surveys technician.
- Assistant to drill operator.
- Gunner assistant.
- Shotfirer assistant.

Requirements for exercising the profession:

The professional activities of the workers in underground mining operations, with respect to the general and specific safety regulations for the particular job, are subject to regulation by the competent government authority. For the exercise of underground mining activity in general, a "*Formación preventiva para el desempeño del puesto de trabajo*" (Preventive training for the job) specified in the Complementary Technical Instruction (ITC 02.1.02) of the General Regulation on Basic Mining Safety Rules, approved by Royal Decree 863/1985 of 2 April.

For open-pit drilling, in some autonomous regions the competent mining authority will require a specific authorisation for borehole drilling according to the type of machine, as established by Royal Decree 863/1985, approving the General Regulation on Mining Safety Rules and Complementary Technical Instructions (ITC 07.1.03).

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 713/2011, of May 20th, by which twelve professional certificates of the professional family Extractive Industry, included in the National Repertoire of professional certificates are established, and certain professional certificates established by Royal Decree 1217/ 2009 of July 17th are updated. (Appendix I, Code: IEXM0109)



EUROPASS SUPPLEMENT (*)



SPAIN

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	81	340
Practical training at the workplace	19	80
Total duration of training leading to the certificate		420

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

