

1. TITLE OF THE CERTIFICATE (ES)

Certificado de Profesionalidad de nivel 2 en
IEXD0208 EXTRACCIÓN DE LA PIEDRA NATURAL

2. TRANSLATED TITLE OF THE CERTIFICATE (EN)

Professional Certificate Level 2 in
IEXD0208 EXTRACTION OF NATURAL STONE
(This translation has no legal status)

3. PROFILE OF SKILLS AND COMPETENCES

The holder of this certificate will have acquired the **general competence** to extract and shape blocks of natural stone, using cutting and/or drilling machines and blasting, for their subsequent processing, applying the regulations in force on occupational risk prevention, mining safety and environmental protection. This general competence is divided into the following **skills units** (UC):

- Extract blocks of natural stone (UC0425_2).
- Carry out open-pit blasting (UC0426_2).
- Shape blocks of natural stone (UC0427_2).

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

- Extraction of blocks of natural stone (MF0425_2).
- Open-pit blasting (MF0426_2).
- Shaping of blocks of natural stone (MF0427_2).
- Practical training at the workplace in extraction of natural stone (MP0105).

(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:

- Operate with diamond-wire saw, as well as other machinery used for extraction: discs, cross-cutters or others, using techniques appropriate to the extraction of blocks of natural stone in conditions of occupational and environmental safety, following the instructions and under the supervision of a manager.
- Operate with drilling machines, using techniques appropriate to the extraction of blocks of natural stone in conditions of occupational and environmental safety, following the instructions and under the supervision of a manager.
- Collaborate on operations of separating and breaking up the blocks, following the instructions and under the supervision of the manager.
- Ensure conditions of occupational safety, in accordance with established procedures, following the instructions and under the supervision of a manager.
- Prepare the blasting cap, and load and plug the blasting cartridge in accordance with established procedures, following the instructions and under the supervision of a manager.
- Set off the explosion in accordance with established procedures, following the instructions and under the supervision of a manager.
- Subdivide the blocks using squaring machinery and tools to obtain pieces with the measurements and quality acceptable for the market, following the instructions and under the supervision of the manager.
- 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 the extractive industries sector, within the natural stone extracting sub-sector, in the following productive activities: extraction of granite, extraction of marble and extraction of slate. The most pertinent occupations and positions are:

- Miner extracting rocks for ornamental use.
- Operator of diamond-tip cutting machine for ornamental rocks.
- Operator of ornamental rock cutting machines.
- Operator of disc-cutting machines for ornamental rocks.
- Drilling machine operator.
- Powder monkey.

Requirements for exercising the profession:

To exercise the profession of powder monkey the holder must have a certificate of aptitude issued by the area of Industry and Energy of the corresponding Government Delegation, pursuant to Article 195.4 of the Regulation on explosives approved by Royal Decree 230/1998 of 16 February.

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 1217/2009 of 17 July, establishing three professional certificates in the professional family Extractive Industries, which are included in the National Repertoire of Professional Certificates. (Appendix III, Code: IEXD0208)

Amended by Royal Decree 713/2011 of 20 May, establishing twelve professional certificates in the professional family Extractive Industries, which are included in the National Repertoire of Professional Certificates, and updating the professional certificates established in Royal Decree 1217/2009 of 17 July.

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

