

1. TITLE OF THE CERTIFICATE (ES)

Certificado de Profesionalidad de nivel 3 en
ARTN0111 MOLDES Y MATRICERÍAS ARTESANALES PARA CERÁMICA

2. TRANSLATED TITLE OF THE CERTIFICATE (EN)

Professional Certificate Level 3 in
ARTN0111 CRAFT CERAMIC MOULDS AND DIES
(This translation has no legal status)

3. PROFILE OF SKILLS AND COMPETENCES

The holder of this certificate will have acquired the **general competence** to organise, control and make originals, dies and craft moulds, make ceramic products, using project designs and collaborating with professionals of equal or higher level, following the safety, occupational health and environmental protection regulations. This general competence is divided into the following **skills units** (UC):

- Develop technical solutions for the manufacture of craft dies and moulds for ceramic products (UC1715_35).
- Make originals and prototypes from a model, for the manufacture of craft moulds for ceramic products (UC1716_3).
- Make the initial mould for making craft dies for ceramic products (UC1717_2).
- Make craft dies for the reproduction of ceramic products using moulds (UC1718_2).

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

- Projects for technical solutions for the manufacture of craft dies and moulds for ceramic products (MF1715_3).
- Creation of originals and prototypes from a model, for the manufacture of craft moulds for ceramic products (MF1716_3).
- Creation of the first mould for making craft dies for ceramic products (MF1717_2).
- Making of craft dies for the reproduction of ceramic products using moulds (MF1718_2).
- Practical training at the workplace in craft moulds and dies for ceramics (MP0429)

(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:

- Take part in the manufacture and analysis of a project for craft dies, identifying the technical, artistic and organisational solutions proposed for the reproduction of a model using moulds.
- Take part in the resolution of technical and artistic problems based on the process of project analysis and supervision of the originals, dies and moulds.
- Make originals using a lost mould or shell process, controlling the preparation of plaster or resin, with criteria of quality and safety.
- Take part in the definition of processes of preparing the plaster suspension for the first mould and apply it, using the raw materials in accordance with the specifications of a technical file, and following the safety and environmental protection regulations.
- Collaborate on the analysis of die projects and application of techniques and procedures for the creation of the first mould, proposing solutions for joint plates and socket wrenches.
- Make plaster dies, with criteria of safety and security.
- 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 craft sector, related to the ceramics sub-sector (among others); in the sector of plastic arts and design, and in other industrial production or craft sectors that may require his or her services.

The most pertinent occupations and positions are:

- Craft die-maker.
- Die technician.
- Mould technician.

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 3 of the National Repertoire of Professional Certificates corresponds to level 4 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 3 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 1693/2011 of 18 November, establishing two professional certificates in the professional family Arts and Crafts, which are included in the National Repertoire of Professional Certificates.(Appendix I, Code: ARTN0111).

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	500
Practical training at the workplace	19	120
Total duration of training leading to the certificate		620

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

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

