

1. TITLE OF THE CERTIFICATE (ES)

**Certificado de Profesionalidad de nivel 2 en
VICF0210 OPERACIONES DE FABRICACIÓN DE PRODUCTOS CERÁMICOS CONFORMADOS**

2. TRANSLATED TITLE OF THE CERTIFICATE (EN)

**Professional Certificate Level 2 in
VICF0210 SHAPED CERAMIC PRODUCTS MANUFACTURE 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 manufacture shaped ceramic products, executing and coordinating the preparation and operation of machines, equipment and installations for the preparation of glaze and paste; and for the shaping, glazing, decoration and firing, in accordance with the technical instructions received, while guaranteeing the quality and safety of operations. This general competence is divided into the following **skills units** (UC):

- Manufacture ceramic pastes (UC0657_2).
- Manufacture ceramic tiles (UC0658_2).
- Manufacture fired clay products for construction (UC0659_2).
- Manufacture ceramic sanitary ware and ceramic articles for the home, decoration and technical applications (UC0660_2).
- Prepare ceramic glaze with slipcast and vitreous paints (UC0661_2).

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

- Manufacture of ceramic pastes (MF0657_2).
- Manufacture of ceramic tiles (MF0658_2).
- Manufacture of terracotta products for construction (UC0659_2).
- Manufacture of ceramic sanitary ware and ceramic articles for the home, decoration and technical applications (MF0660_2).
- Preparation of ceramic glazes, slipcast and vitreous paints (MF0661_2).
- Practical training at the workplace in Shaped ceramic products manufacture operations (MP0302)

(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 reception, unloading and storage of raw materials for manufacturing ceramic products, according to the work instructions and respecting established environmental requirements.
- Take part in the preparation and conditioning of ceramic pastes with the correct use of machines, equipment, tools and materials.
- Take part in the shaping of ceramic products.
- Take part in the drying of ceramic products.
- Take part in the preparation of glazes and paints with the correct use of machines, equipment, tools and materials.
- Take part in the glazing and decorating of ceramic products.
- Take part in the loading, firing and unloading of kilns.
- Take part in the classification, packing and labelling of ceramic products.
- Analyse defects related to the manufacturing of ceramic products.
- Apply the safety, occupational health and environmental regulations in the production of ceramic products.
- 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 companies manufacturing ceramic pastes, tiles, terracotta materials for construction, refractory products, ceramic crockery, ceramic sanitary ware, decorative articles and ceramics for technical use.

The most pertinent occupations and positions are:

- Reception, warehouse and raw material control worker.
- Paste grinder.
- Spray glaze applier in a ceramics factory.
- Paste section worker.
- Casting line worker.
- Extrusion line worker.
- Plate moulding machine operator.
- Glazing line worker.
- Decoration line worker.
- Glaze and ceramic paint preparation section worker.
- Kiln worker on continuous kilns with automatic firing controls.
- Continuous kiln and control worker.
- Process worker in small ceramic plants.
- Ceramic, porcelain and earthenware grinding machine worker.
- Classifier and packer.
- Ceramic and porcelain glazer/decorator.
- Ceramic, porcelain and earthenware kiln operator.
- Tile and brick production worker.
- Porcelain sanitary ware production worker.
- Ceramic tile production worker.
- Crockery, homeware and decoration production worker.
- Ceramic, porcelain and earthenware polishing machine operator.
- Jigger operator.
- Ceramic press machine operator.
- Line checker of porcelain and ceramic pieces.
- Clay preparation machine operator.
- Glaze, varnish and vitreous paint machine operator.
- Tile and brick production worker.
- Ceramic paste grinding machine operator (ceramics industry).
- Glaze grinding machine operator in the ceramics industry.

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

5. OFFICIAL BASIS OF THE CERTIFICATE

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 1540/2011 of 31 October, establishing three professional certificates in the professional family Glass and Ceramics, which are included in the National Repertoire of Professional Certificates.(Appendix III, Code: VICF0210)

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 | 83 | 400 |
| Practical training at the workplace | 17 | 80 |
| Total duration of training leading to the certificate | | 480 |

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

