

1. TITLE OF THE CERTIFICATE (ES)

**Certificado de Profesionalidad de nivel 2 en
VICF0110 OPERACIONES DE FABRICACIÓN DE FRITAS, ESMALTES Y PIGMENTOS CERÁMICOS**

2. TRANSLATED TITLE OF THE CERTIFICATE (EN)

**Professional Certificate Level 2 in
VICF0110 CERAMIC FRIT, GLAZE AND PIGMENT 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 ceramic frits, glaze and pigments, executing and coordinating the preparation and operation of machines, equipment and installations, in accordance with the technical instructions received and guaranteeing the quality and safety of the operations.

This general competence is divided into the following **skills units** (UC):

- Manufacture ceramic frits (UC0653_2).
- Manufacture ceramic pigments (UC0654_2).
- Manufacture ceramic glazes in fine grain, slips, pellets and atomised powder (UC0655_2).
- Prepare ceramic glazes and slipcasts with vitreous paints (UC0656_2).

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

- Manufacture of ceramic frits (MF0653_2).
- Manufacture of ceramic pigments (MF0654_2).
- Manufacture of ceramic glaze in fine grain, slips, pellets and atomised powder (MF0655_2).
- Preparation of ceramic glazes and slipcasts with vitreous paints (MF0656_2).
- Practical training at the workplace in ceramic frit, glaze and pigment manufacture operations (MP0301)

(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 process of manufacturing ceramic frits with the correct use of machines, equipment, tools and materials.
- Take part in the process of manufacturing ceramic pigments with the correct use of machines, equipment, tools and materials.
- Take part in the process of manufacturing fine grain, atomised glaze and pellets, with the correct use of machines, equipment, tools and materials.
- Take part in the process of manufacturing of dry slips and glazes, with the correct use of machines, equipment, tools and materials.
- Take part in the processes of manufacturing wet slips and glazes and vitreous paints.
- 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 frits, glazes, pigments, colours and vitreous paints.

The most pertinent occupations and positions are:

- Glaze preparation section worker.
- Frits preparation section worker.
- Operator of automated machinery for measuring, mixing and firing frits.
- Pigment preparation section worker.
- Glaze and ceramic paint preparation section worker.
- Glazing line worker in a ceramics factory.

5. OFFICIAL BASIS OF THE CERTIFICATE
<p style="text-align: center;">Name and status of the national/regional authority providing accreditation/recognition of the certificate</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;">Level of the certificate</p> <p>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).</p> <p>The European Qualification Framework (EQF) level:</p>
<p style="text-align: center;">Grading scale/Pass requirements</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"> - FAIL: 0 to 4.9 - PASS-SATISFACTORY: 5 to 6.9 - PASS-GOOD: 7 to 8.9 - PASS-EXCELLENT: 9 to 10
<p style="text-align: center;">Access to next level of education/training</p> <p>This Professional Certificate Level 2 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;">Legal basis</p> <p>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 II, Code: VICF0110).</p>

6. OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE		
<p>This certificate may be acquired by:</p> <ol style="list-style-type: none"> 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. <p>The training method (number 1 above) requires successful completion of the training modules and the practical training at the workplace:</p>		
Description of vocational training received	Percentage of total programme (%)	Duration (hours)
Training modules	87	260
Practical training at the workplace	13	40
Total duration of training leading to the certificate		300

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

