

## 1. TITLE OF THE CERTIFICATE (ES)

Certificado de Profesionalidad de nivel 3 en  
VICI0312 ORGANIZACIÓN DE LA FABRICACIÓN DE PRODUCTOS DE VIDRIO

## 2. TRANSLATED TITLE OF THE CERTIFICATE (EN)

Professional Certificate Level 3 in  
VICI0312 MANUFACTURING ORGANIZATION OF GLASS PRODUCTS  
(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 and manage the manufacture of products from glass melts, as well as quality and environmental management, following the technical instructions given by planning and production quality responsible, ensuring their implementation with the required quality, within the timeline scheduled proposed and complying with safety and environmental conditions. This general competence is divided into the following **skill units** (UC):

- Organise and manage dosing, blending and fusion of vitrified mixtures. (UC0669\_3).
- Organise and manage the shaping of molten glass (UC0670\_3)
- Monitor manufacturing processes of glass products (UC0671\_3).
- Participate in the production scheduling of processing industries (UC0664\_3).
- Participate in the development and maintenance of environmental and quality management systems in processing industries (UC0665\_3).

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

- Organization and management of vitrified mixtures fusion (MF0669\_3).
- Organization and management of molten glass shaping (MF0670\_3).
- Reliability and monitoring systems in glass manufacturing (MF0671\_3).
- Production scheduling in processing industries (MF0664\_3).
- Quality and environmental management in processing industries (MF0665\_3).
- Practical training at the workplace in manufacturing organization of glass products (MP0528).

(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:

- Analyse the processes of dosing and melting vitrified mixtures, process variables, mass manufacturing and operating procedures.
- Organise and supervise glass melting works.
- Analyse the shaping processes of mass of molten glass forming, the manufacturing resources necessary for glass shaping and the operating procedures.
- Organise and supervise the shaping operations of glass products.
- Analyse methods of control production and manufacturing resources.
- Apply monitoring techniques and procedures of glass products and raw materials used in their manufacture. Determine their reliability.
- 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 of: flat glass manufacturing; glass tubes, profiles and wire manufacturing; automatic and semiautomatic manufacturing of hollow glass; manufacture of moulded glass for construction, signalling and electrical insulators; manufacture of glass microspheres and glass fibre manufacturing. The most relevant occupations and work positions are:

- Technician in programming and monitoring production in glass manufacturing industries.
- Technician in glass manufacturing industries in the area of environmental management.
- Technician in glass processing industries in the area of quality management.

#### 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 993/2013 of December 13th, by which four professional certificates of the professional family "Glass and ceramics", included in the National Repertoire of professional certificates are established, and the professional certificate established as Appendix IV of the Royal Decree 1775/2011, of December 2nd is updated. (Appendix IV, Code: VICI0312)

## 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
<b>Total duration of training leading to the certificate</b>		<b>450</b>

### 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](http://www.sepe.es)

National Europass Centre: [www.sepie.es](http://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

