

1. TITLE OF THE CERTIFICATE (ES)

Certificado de Profesionalidad de nivel 2 en
ARTN0109 ELABORACIÓN ARTESANAL DE PRODUCTOS DE VIDRIO EN CALIENTE

2. TRANSLATED TITLE OF THE CERTIFICATE (EN)

Professional Certificate level 2 in
ARTN0109 HANDMADE GLASS PRODUCTS WITH HEAT TREATMENTS
(This translation has no legal status)

3. PROFILE OF SKILLS AND COMPETENCES

The holder of this certificate will have acquired the **general competence** to produce handmade glass products from melts, defining the economic and development plan, organizing and running the working process according to the given technical instructions, ensuring the quality and following occupational risks prevention and environmental management regulations. This general competence is divided into the following **skill units**(UC):

- Define the process of making handmade glass products (UC1694_2).
- Do glass mixtures and melt glass (UC1695_2).
- Make from molten glass mass, handicraft glass products by glass blowing (UC1696_2).
- Make from molten glass mass, handicrafts glass products by casting (UC1697_2).
- Organize the professional activities of an artisan workshop (UC1690_2).

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

- Definition of the making process of glass products (MF1694_2).
- Performing of glass compositions (MF1695_2).
- Glass handmade products by blowing (MF1696_2).
- Glass handmade products by casting (MF1697_2).
- Organization of the professional activities of an artisan workshop (MF1690_2).
- Practical training at the workplace in handmade glass products with heat treatments (MP0165).

(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:

- Collaborate in the development of sketches and drawings of glass pieces using drawing techniques to represent shapes, sizes and decorations.
- Participate in the analysis of the development processes of handmade glass pieces, linking the characteristics of the piece with the processing techniques and the materials used.
- Participate in the processes of dosing and melting vitrifiable mixtures.
- Participate in the determination of the glass melting process from general production instructions provided following quality and safety occupational criteria.
- Collaborate in the process of blowing glass by lung or mold, and participating in the implementation of techniques and specific procedures following safety criteria.
- Cooperate in the process of making glass by casting molten glass in mold, centrifugation or pressing, with quality and safety criteria.
- Cooperate in the evaluation of the deficiencies related to the operations of manual manufacture of hot glass.
- Study security conditions for the development of manufacturing processes of glass products according to the regulations on occupational risks and environmental management.
- Participate in the organization of the professional activities of a craft workshop.
- Participate in the working processes of the company, following the standards and instructions established at the workplace.

4. RANGE OF OCCUPATIONS ACCESSIBLE TO THE HOLDER OF THIS CERTIFICATE

The holder of this certificate may work the craft sector related to the subsector of glass production among others, in the field of arts and design and other sectors of industrial and handmade production that require their services. The most relevant occupations and work positions are:

- Glass blowers
- Master glassmaker.
- *Postero*.
- Smelter.
- Muffler.
- Packer.

The holder of this professional certificate has recognition of the basic level training in labour risk prevention, according to Annex IV of the Royal Decree 39/1997 of 17 of January approving the Labour Risks Prevention Act.

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 1521/2011, of October 31st, by which six professional certificates of the professional family of Arts and crafts, included in the National Repertoire of professional certificates are established (Appendix II, Code: ARTN0109).

Amended by Royal Decree 613/2013, of August 2nd, by which three professional certificates of the professional family of Arts and crafts, included in the National Repertoire of professional certificates are established, and the professional certificates established as Appendix II and V of Royal Decree 1521/2011, of October 31st are updated.

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	88	580
Practical training at the workplace	12	80
Total duration of training leading to the certificate		660

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.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

