

CERTIFICATE SUPPLEMENT (\*)  
SPAIN

TITLE OF THE CERTIFICATE (original language: ES)

EXPERT IN GLASS AND TRANSFORMED GLASS PRODUCTS PRODUCTION OPERATIONS

TRANSLATED TITLE OF THE CERTIFICATE (language)

PROFILE OF SKILLS AND COMPETENCES

General competence

Participate in the projects of manufacture of glass products, performing and coordinating the execution thereof. Organize and control the manufacture and transformation of glass products, controlling the several stages of the production process and procuring the required means. Supervise compliance with the appropriate quality, safety, and environmental regulations.

This Expert will in any case act under the general supervision of an engineer, bachelor, technical engineer or graduate.

Competence units

1. Develop glass products.
2. Managing and controlling the melting and shaping of glass.
3. Managing and controlling the transformation of glass products.
4. Organizing and managing quality in the glass industry.

RANGE OF OCCUPATIONS ACCESSIBLE TO THE HOLDER OF THE CERTIFICATE

Melter. Flat-glass floater-annealer. Flat-glass floater-annealer. Manual and semiautomatic glassmaker. Feeding channels operator. Automatic shaping machine operator. Automatic shaping machine mechanic. Fibre-maker and -coater. Transformer of flat glass for the automobile industry. Transformer of technical glass. Decorator of glass products. Automobile glass line controller. Control laboratory technician. Silk screen printing control expert. Glazier.

**(\*) Explanatory note**

This document is designed to provide additional information about the specified certificate and does not have any 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.

The body awarding this Certificate Supplement may leave blank any box considered not to be applicable.

<b>Name and status of the body awarding the certificate</b> MINISTERIO DE EDUCACIÓN, CULTURA Y DEPORTE  (Central Government)	<b>Name and status of the national/regional authority providing accreditation/recognition of the certificate</b> MINISTERIO DE EDUCACIÓN, CULTURA Y DEPORTE (Central Government) COMPETENT BODY IN THE AUTONOMOUS COMMUNITY (Autonomic Government)
<b>Level of the certificate in the awarding country</b> Intermediate Vocational Training (CNED 33 F– Specific Intermediate Vocational Training and equivalents, Plastic Arts and Design, and Sports)	<b>Grading scale / Pass requirements</b> Basic regulation of the Ministry of Education, Culture and Sports of 21 July 1994. Occupational modules: graded from 1 to 10 (5 is pass). Training at work: pass / fail. Continuous assessment system.
<b>Access to next level of education/training</b> Secondary Education and Advanced Training Cycles in the same occupational family or a related family as per regulations.	<b>International agreements</b>
<b>Legal basis</b> Law 1/1990 of October 3, Organic Law 5/2002 of June 19, Royal Decree 676/1993 of May 7, Royal Decree 777/1998 of April 30 ROYAL DECREE 2041/1995, of December 22 (BOE 17/02/96)	

OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE

<b>Description of vocational education and training received</b>	<b>Percentage of total programme (%)</b>	<b>Duration</b> <i>hours/weeks/months/years</i>
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\* At Secondary Education Centres or approved training centres, including training modules of a theoretical-practical nature and Training at Work.

- ADMINISTRATION, MANAGEMENT AND MARKETING IN A SMALL -SIZED BUSINESS
- COMPOSITION AND MELTING
- SHAPING OF GLASS PRODUCTS
- TRAINING AT WORK
- OCCUPATIONAL TRAINING AND GUIDANCE
- MANUFACTURE AND DECORATION
- MATERIALS, PRODUCTS AND PROCESSES IN THE GLASS INDUSTRY
- RELATIONSHIPS WITHIN A WORK TEAM
- TRANSFORMATION OF GLASS PRODUCTS

	<i>Total duration of the education/ training leading to the certificate</i>	1400 hours
<b>Entry requirements</b> Holding the Secondary Education Graduate Certificate or equivalent certificate for entry purposes. Holding the certificate of the entry examination.		
<b>Additional information</b> More information available at: <a href="http://www.educacion.es">http://www.educacion.es</a>		