

CERTIFICATE SUPPLEMENT (\*)  
SPAIN

TITLE OF THE CERTIFICATE (original language: ES)

ADVANCED EXPERT IN CHEMICAL PROCESSING

TRANSLATED TITLE OF THE CERTIFICATE (language)

PROFILE OF SKILLS AND COMPETENCES

General competence

Organize and control the activity of a chemical plant, supervising and controlling the various stages of the production process. Supervising compliance with quality, safety, and environmental regulations.

Competence units

1. Organizing industrial chemical production.
2. Supervising the condition of equipment and facilities and the auxiliary processing operations .
3. Coordinating industrial chemical production and process control.
4. Ensuring product quality in chemical processing.
5. Following and enforcing the ruler for correct production and the safety and environmental rules for chemical processing.

RANGE OF OCCUPATIONS ACCESSIBLE TO THE HOLDER OF THE CERTIFICATE

Occupations or jobs:

Production supervisor. Shift leader. Unit manager. General production manager. Production manager / coordinator. Solids supervisor. Storekeeper. Liquids supervisor. Processes inspector. Reaction process manager. Packing supervisor. Boilers manager. Mixers manager. Transformation manager or supervisor. Assistant production director. Raw materials reception manager.

**(\*) 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> Advanced Vocational Training (CNED 51 H– Advanced Specific 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> <ul style="list-style-type: none"> <li>- Nursery Diplomaed Specialist.</li> <li>- Physiotherapy Diplomaed Specialist</li> <li>- Speech Therapy Diplomaed Specialist.</li> <li>- Chiropody Diplomaed Specialist.</li> <li>- Occupational Therapy Diplomaed Specialist.</li> <li>- Aircraft Technical Engineer (all majors)</li> <li>- Technical Graduate Horticulturist (all majors).</li> <li>- Forestry Technical Engineer (all majors)</li> <li>- Industrial Technical Engineer (all majors)</li> <li>- Mining Technical Engineer (all majors)</li> </ul>	<b>International agreements</b>
<b>Legal basis</b> General Organic Law of the Educational System 1/1990 of October 3, Organic Law 5/2002 of June 19 on Qualifications and Vocational Training, Royal Decree 676/1993 of May 7, Royal Decree 777/1998 of April 30. ROYAL DECREE 808/1993 of May 28 (BOE 08.07.93), amended by ROYAL DECREE 2207/1993 of December 17 (BOE 08.02.94).	

OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE

Description of vocational education and training received	Percentage of total programme (%)	Duration <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.

- QUALITY CONTROL IN THE CHEMICAL INDUSTRY
- FLUIDS DYNAMICS AND THERMAL TECHNOLOGY IN PROCESSING INDUSTRIES
- ORGANIZATION AND MANAGEMENT IN PROCESSING INDUSTRIES
- CHEMICAL PROCESSING
- RELATIONS IN THE WORKING ENVIRONMENT
- SAFETY AND CHEMICAL ENVIRONMENT

	<i>Total duration of the education/ training leading to the certificate</i>	1400 hours
<b>Entry requirements</b> Holding the Certificate in Post-Compulsory Secondary Education (Bachillerato) or holding the corresponding certificate of the entry examination.		
<b>Additional information</b> More information available at: <a href="http://www.educacion.es">http://www.educacion.es</a>		