

CERTIFICATE SUPPLEMENT (\*)  
SPAIN

1. TITLE OF THE CERTIFICATE (original language: ES)

TÉCNICO SUPERIOR EN QUÍMICA AMBIENTAL

2. TRANSLATED TITLE OF THE CERTIFICATE (language: EN)

ADVANCED EXPERT IN ENVIRONMENTAL CHEMISTRY

This translation has no legal status

3. PROFILE OF SKILLS AND COMPETENCES

General competence

Organize and manage the environmental protection means and measures. Inspect and control environmental protection and preservation facilities; analyse samples from effluents and propose/implement the appropriate corrective measures.

Competence units

1. Organizing and managing the chemical environmental-protection means and measures.
2. Controlling emissions to the atmosphere.
3. Controlling solid waste.
4. Controlling the treatment of waste water.
5. Complying with safety rules in chemical work and controlling environmental chemical hygiene.

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

Occupations or jobs:

Water analyst in laboratories. Recovery manager in the pulp and paper industry. Environmental safety in manufacture.

**(\*) 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.

6. OFFICIAL BASIS OF THE CERTIFICATE

<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 812/1993 of May 28 (BOE 12.08.93), amended by ROYAL DECREE 2207/1993 of December 17 (BOE 08.02.94).	

6. 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.

- CONTROL OF EMISSIONS TO THE ATMOSPHERE.
- CONTROL OF WASTE
- WATER PURIFICATION
- TRAINING AT WORK
- OCCUPATIONAL TRAINING AND GUIDANCE
- ORGANIZATION AND MANAGEMENT OF ENVIRONMENTAL PROTECTION
- RELATIONSHIPS IN THE WORKING ENVIRONMENT
- CHEMICAL SAFETY AND INDUSTRIAL HYGIENE

	<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>		