

CERTIFICATE SUPPLEMENT (*)
SPAIN

TITLE OF THE CERTIFICATE (original language: ES)

ADVANCED EXPERT IN PROJECT DEVELOPMENT FLUIDS, THERMAL AND MAINTENANCE
FACILITIES

TRANSLATED TITLE OF THE CERTIFICATE (language)

PROFILE OF SKILLS AND COMPETENCES

General competence

Developing projects for thermal and fluids facilities for buildings, continuous processing, and auxiliary production and maintenance facilities, based on a blueprint and in accordance to the applicable regulations, ensuring the viability of the fitting and quality and safety of the facilities.

This Expert will in any case act under the general supervision of an Architect, Engineer or Bachelor and/or a Building Surveyor, Technical Engineer or Diplomaed Specialist.

Competence units

1. Developing projects for fluids facilities.
2. Developing projects for thermal processes facilities.
3. Developing projects for maintenance and transport facilities.
4. Developing processes for the fitment of the facilities and organize their implementation.

RANGE OF OCCUPATIONS ACCESSIBLE TO THE HOLDER OF THE CERTIFICATE

Occupations or jobs:

Designing draughtsman specializing in the above areas. Expert in planning and scheduling processes for the installation of facilities.

(*) 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.

Name and status of the body awarding the certificate MINISTERIO DE EDUCACIÓN, CULTURA Y DEPORTE (Central Government)	Name and status of the national/regional authority providing accreditation/recognition of the certificate MINISTERIO DE EDUCACIÓN, CULTURA Y DEPORTE (Central Government) COMPETENT BODY IN THE AUTONOMOUS COMMUNITY (Autonomic Government)
Level of the certificate in the awarding country Advanced Vocational Training (CNED 51 H– Advanced Specific Vocational Training and equivalents, Plastic Arts and Design, and Sports)	Grading scale / Pass requirements 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.
Access to next level of education/training - Naval Machines Diplomaed Specialist. - Maritime Navigation Diplomaed Specialist. - Naval Radio-electronics Diplomaed Specialist. - Aircraft Technical Engineer (all majors) - Technical Graduate Horticulturist (all majors). - Industrial Design Technical Engineer. - Forestry Technical Engineer (all majors) - Industrial Technical Engineer (all majors) - Technical Engineer in Management Computing. - Technical Engineer in Systems Computing. - Mining Technical Engineer (all majors) - Naval Technical Architect (all majors) - Civil Technical Engineer (all majors)	International agreements
Legal basis 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 2042/1995, of December 22 (BOE 19.02.96)	

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.

- TRAINING AT WORK
- OCCUPATIONAL TRAINING AND GUIDANCE
- QUALITY MANAGEMENT IN DESIGN
- FLUIDS FACILITIES
- MAINTENANCE AND TRANSPORT FACILITIES
- THERMAL PROCESSES FACILITIES
- FACILITIES INSTALLATION PROCESSES AND MANAGEMENT
- MAINTENANCE AND TRANSPORT FACILITIES PROJECTS
- THERMAL AND FLUIDS FACILITIES PROJECTS
- RELATIONS IN THE WORKING ENVIRONMENT
- GRAPHIC REPRESENTATION OF FACILITIES
- AUTOMATIC SYSTEMS IN FACILITIES

	<i>Total duration of the education/ training leading to the certificate</i>	2000 hours
Entry requirements Holding the Certificate in Post-Compulsory Secondary Education (Bachillerato) or holding the corresponding certificate of the entry examination.		
Additional information More information available at: http://www.educacion.es		