

**CERTIFICATE SUPPLEMENT (*)
SPAIN**

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

TÉCNICO EN MONTAJE Y MANTENIMIENTO DE INSTALACIONES DE FRÍO, CLIMATIZACIÓN Y PRODUCCIÓN DE CALOR

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

EXPERT IN FITTING AND MAINTENANCE OF COOLING, AIR-CONDITIONING AND HEATING FACILITIES

This translation has no legal status

3. PROFILE OF SKILLS AND COMPETENCES

General competence

Perform the operations of fitting, maintaining, and repairing cooling, airconditioning, heating, water and gas facilities in buildings, continuous-processing plants, and auxiliary production facilities, thereby achieving the required quality, in compliance with the applicable regulations and in conditions of safety.

Competence units

1. Fitting and maintaining commercial and industrial refrigeration facilities.
2. Fitting and maintaining air-conditioning and ventilation facilities.
3. Fitting and maintaining heating facilities.
4. Fitting and maintaining water and combustible-gas piping facilities.
5. Performing the administration, management and marketing of a small company or workshop.

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

Occupations or jobs:

Fitter / maintainer of heating and domestic hot water facilities. Fitter / maintainer of heating and air-conditioning facilities. Refrigeration fitter / mechanic. Gas installer. Maintainer of auxiliary production facilities. Maintainer of processing 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.

6. OFFICIAL BASIS OF THE CERTIFICATE

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 Intermediate Vocational Training (CNED 33 F– Specific Intermediate 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 Secondary Education and Advanced Training Cycles in the same occupational family or a related family as per regulations.	International agreements
Legal basis 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 2046/1995, of December 22 (BOE 12.02.96)	

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.

- ADMINISTRATION, MANAGEMENT AND MARKETING IN A SMALL -SIZED BUSINESS
- ELECTROTECHNICS
- TRAINING AT WORK
- OCCUPATIONAL TRAINING AND GUIDANCE
- GAS AND WATER FACILITIES
- VENTILATION AND AIR-CONDITIONING FACILITIES
- HEATING FACILITIES
- ELECTRICAL WIRING AND AUTOMATISMS
- REFRIGERATION FACILITIES
- REFRIGERATION MACHINERY AND EQUIPMENT
- SAFETY IN FITTING AND MAINTENANCE OF EQUIPMENT AND FACILITIES
- MACHINING AND ASSEMBLY TECHNIQUES FOR FITTING AND MAINTENANCE OF FACILITIES

* Recognized informal learning		
	<i>Total duration of the education/ training leading to the certificate</i>	2000 hours
Entry requirements Holding the Secondary Education Graduate Certificate or equivalent certificate for entry purposes. Holding the certificate of the entry examination.		
Additional information More information available at: http://www.educacion.es		
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