

CERTIFICATE SUPPLEMENT (\*)  
SPAIN

TITLE OF THE CERTIFICATE (original language: ES)

EXPERT IN VEHICLE ELECTROMECHANICS

TRANSLATED TITLE OF THE CERTIFICATE (language)

PROFILE OF SKILLS AND COMPETENCES

General competence

Perform the operations of maintenance, fitting of accessories, and transformation of the vehicle in the field of mechanics, hydraulics, pneumatics and electricity, in accordance to the appropriate procedures and times and achieving the required quality in conditions of safety.

Competence units

1. Maintaining the thermal engine and its auxiliary systems.
2. Maintaining the systems comprising the drive train: brakes, driving gear, steering and suspension.
3. Maintaining the electrical systems of a vehicle, performing modifications and/or new fittings.
4. Maintaining and/or fitting safety and comfort systems.
5. Performing the administration, management and marketing of a small company or workshop.

RANGE OF OCCUPATIONS ACCESSIBLE TO THE HOLDER OF THE CERTIFICATE

Motor car mechanic. Motor car electrician. Diesel engines mechanic. Accessories fitter. Agricultural and civil-engineering machinery mechanic. Motorcycle mechanic. Heavy vehicle mechanic. Heavy vehicle electrician.

**(\*) 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 1649/1994, of July 22 (BOE 26/09/94)	

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
- FLUIDS, SUSPENSION AND STEERING CIRCUITS.
- AUXILIARY ELECTRICAL CIRCUITS IN VEHICLES
- BASIC ELECTROTECHNICAL CIRCUITS; LOADING AND STARTING SYSTEMS
- TRAINING AT WORK
- OCCUPATIONAL TRAINING AND GUIDANCE
- ENGINES
- SAFETY IN THE VEHICLES MAINTENANCE INDUSTRY
- AUXILIARY SYSTEMS FOR ENGINES
- SAFETY AND COMFORT SYSTEMS
- DRIVING-GEAR AND BRAKING SYSTEMS
- MACHINING TECHNIQUES IN THE MAINTENANCE OF VEHICLES

	<i>Total duration of the education/ training leading to the certificate</i>	2000 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>		