

1. TITLE OF THE CERTIFICATE (ES)

Certificado de Profesionalidad de nivel 1 en
MAPN0512 ACTIVIDADES AUXILIARES DE MANTENIMIENTO DE MÁQUINAS, EQUIPOS E INSTALACIONES DEL BUQUE

2. TRANSLATED TITLE OF THE CERTIFICATE (EN)

Professional Certificate Level 1 in
MAPN0512 AUXILIARY ACTIVITIES IN MAINTENANCE OF MACHINES, EQUIPMENT AND FACILITIES OF SHIPS
 (This translation has no legal status)

3. PROFILE OF SKILLS AND COMPETENCES

The holder of this certificate will have acquired the **general competence** to carry out auxiliary operations associated with the processes of maintenance and repair of the propulsion plant, machinery and auxiliary equipments of the vessel, and elements and equipments on board and in land, following the procedures established under the supervision of a superior, and meeting the safety, environmental protection, survival and first aid standards. This general competence is divided into the following **skill units**(UC):

- Carry out auxiliary maintenance operations of the main boat engine and its systems, and the vigilances of the engine room (UC0731_1).
- Perform basic maintenance of auxiliary machinery, components and equipment of the vessel on board and in land (UC0732_1).
- participate in maritime emergencies and implement safety standards at work (UC0733_1).

The professional skills are acquired through the **learning outcomes** defined within the related Training Modules (MF):

- Basic maintenance of internal combustion engines and vigilance of the ship's engine room (MF0731_1).
- Basic maintenance of machines and auxiliary equipment of the vessel (MF0732_1).
- Safety and first aid on board (MF0733_1).
- Practical training at the workplace in auxiliary activities in maintenance of machines, equipment and facilities of ships (MP0553).

(See legal basis for all learning outcomes information acquired by the holder of this Certificate in each MF).

As a reference the learning outcomes include in the Practical training at the workplace that complete and reinforce the learning outcomes acquired in the other training modules, are:

- Carry out basic maintenance operation of the ship's machines and facilities following the established procedures.
- Carry out the necessary operations in the vigilance of the engine room on a ship by tracking fuel consumption, oil and water following the technical documentation of the vessel and its equipment.
- Participate in basic repairs of the facilities of a vessel following established procedures.
- Perform basic auxiliary operations of maintenance and repair of the elements, according to the ship's situation, in the dry dock.
- Follow working processes according to the rules and instructions established on the ship.
- Participate in the working processes of the company, following the instructions given by the supervisors.

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

The holder of this certificate may work in economic activities associated to: shipbuilding (construction of yachts and recreational boats); ship maintenance and repair; manufacturing of engines and turbines (excluding those for aircraft, automobile vehicles and mopeds) and maintenance and repair of motor vehicles. The most relevant occupations and work positions are:

- Fishing vessel sailor.
- Ship's engine specialist.
- Engine seafarer.
- Auxiliary assistant to Marine mechanical.
- Shipyard assistant.
- Assistant in the area of electromechanical automotive company or workshop.

The related occupations may have specific requirements established in both national and regional regulations.

5. OFFICIAL BASIS OF THE CERTIFICATE

Name and status of the national/regional authority providing accreditation/recognition of the certificate

The Ministry of Employment and Social Security or the corresponding autonomous regional administration within the scope of its competence, in the name of the King. The certificate is valid throughout Spain.

Level of the certificate

The Professional Certificate Level 1 of the National Repertoire of Professional Certificates corresponds to level 2 of the International Standard Classification of Education (ISCED-P 2011).

Grading scale/Pass requirements

The grading scale and pass level of the training modules are expressed on a scale of 0 to 10. The minimum score for a pass is 5 in every training module including a pass in the practical training at the workplace module.

The grading system is as follows:

- FAIL: 0 to 4.9
- PASS-SATISFACTORY: 5 to 6.9
- PASS-GOOD: 7 to 8.9
- PASS-EXCELLENT: 9 to 10

Access to next level of education/training

This Professional Certificate Level 1 gives access to Professional Certificate Level 2 within the same professional area and family.

For validation purposes, the educational authorities will recognise the professional module or modules of the VET diplomas corresponding to the skills units included in the training modules of this certificate.

Legal basis

Royal Decree 988/2013 of December 13th, by which nine professional certificates of the professional family Maritime and Fishing Industry included in the National Repertoire of professional certificates are established, and the professional certificates established as Appendix IV of the Royal Decree 1774/2011, of December 2nd and Appendix III of Royal Decree 1533/2011 of October 31st are updated. (Appendix III, Code: MAPN0512)

6. OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE

This certificate may be acquired by:

1. Training: Completion with a pass grade of the face-to-face or online training programme.
2. Recognition of the professional skills acquired through professional experience or non-formal training (prior learning): Completion of a process of skills evaluation and accreditation in all the skills units making up the professional certificate.
3. Dual training: Completion of a training and apprenticeship contract, which may range from 1 year (or 6 months, if stipulated as such in the collective agreement) to 3 years, during which effective working time is combined with time dedicated to training under the training programme for the professional certificate.

The training method (number 1 above) requires successful completion of the training modules and the practical training at the workplace:

Description of vocational training received	Percentage of total programme (%)	Duration (hours)
Training modules	81	350
Practical training at the workplace	19	80
Total duration of training leading to the certificate		430

Entry/access requirements:

- No entry requirements

Additional information: Professional certificates are instruments for official accreditation of the professional qualifications in the National Catalogue of Professional Qualifications for all economic activities, within the scope of the labour administration. The National Repertoire of Professional Certificates is divided into three qualification levels (Level 1, Level 2 and Level 3), and by sectors into 26 professional families and 102 professional areas. More information is available at: www.sepe.es

National Europass Centre: www.sepie.es

(*) **Explanatory note:** This document is designed to provide additional information about the specified certificate, but has no 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.

More information is available at: <http://europass.cedefop.eu.int>

Information on Professional Certificates of the Map of Qualifications and Vocational Training in Spain

