

Syllabus Certificate VII: ENGINE DRIVER GRADE 3

Minimum Age: 18

Vessel Length & Power: Qualification to serve as Engine Driver on a commercial vessel of less than 500 KW.

Operating Limits: Within ports, internal and territorial waters of Malta.

Prerequisite qualifying service:

1. Applicant must have at least 6 months appropriate service on vessels of not less than 75 kW.
2. Be in possession of a General Purpose Hand Certificate.

Minimum Training required: Completion of an approved training course followed by an Oral and Practical examination on:

1. Marine internal combustion engines and their fittings, shafting and propellers.
2. Preparing, start up and shutdown procedures for main propulsion and auxiliary machinery.
3. Precautions necessary for the prevention of fire and explosion, including the use of petrol and LP gas.
4. Action to be taken in the event of fire or explosion, including the use of fire fighting appliances. Machinery space fire-fighting arrangements.
5. Cooling water and fuel systems, bilge pumping arrangements, including precautions against back-flooding.
6. Care of electrical systems including batteries. Safety precautions when working on low and medium voltage A.C. and D.C. systems. Fuses and circuit breakers.
7. Steering gear and deck machinery.
8. Fuel consumption; estimation and calculation.
9. Location and rectification of common faults in main machinery, steering systems and auxiliary equipment.
10. Precautions to prevent environmental pollution.

Other requirements: In addition the applicant must be in possession of:

1. A current approved First Aid Certificate.
2. An approved Fire Prevention and Fire Fighting certificate.

To qualify: Produce to the Authority for Transport in Malta – Ports and Yachting Directorate - the following:

1. Completed application form.
2. Proof of Medical Fitness.
3. Proof of identity and age.
4. Proof of completing the training referred to above.
5. 2 colour passport size photographs.
6. Pay prescribed fees.