

Syllabus Certificate VIII: Engine Driver Grade 2

Minimum Age:	18
Vessel Length & Power:	Qualification to serve as Engine Driver on a commercial vessel of less than 750 KW.
Operating Limits:	Within ports, internal and territorial waters of Malta.
Prerequisite qualifying service:	<ol style="list-style-type: none">1. Applicant must have at least 6 months appropriate service on vessels of not less than 150 kW.2. Be in possession of a General Purpose Hand Certificate.
Minimum Training required:	<p>Completion of an approved training course followed by an Oral and Practical examination on:</p> <ol style="list-style-type: none">1. Operation and maintenance of marine internal combustion engines.2. Care and operation of lubricating oil and cooling systems.3. Pumps and arrangements of bilge and seawater piping systems. Dangers associated with back flooding.4. Steering gears, hydraulic systems and associated pipeline. Emergency steering arrangement.5. Arrangement of fuel oil piping systems and filters. Fuel tank ventilation, filling and draining. Tank gauging; effect of slack tanks on stability.6. Oil and grease lubrication.7. Care of electrical systems and batteries. Series and parallel operation. Safety procedures when working on low and medium voltage A.C. and D.C. systems; protection devices.8. Dangers of LP gas and liquid fuels; refrigeration safety.9. Precautions against fire and explosion. Methods of dealing with fires; extinguishers, fire pumps, fire mains and hoses, nozzles and sprays, fixed installations, closing appliances, remote shut-offs.10. Items for inspection on slipway or dry-dock.11. Planned maintenance.12. Location and rectification of common faults in main machinery, steering systems and auxiliary equipment.13. Preparing for sea. Start up and shut down procedures.14. Calculation dealing with consumption of fuel. Speed and range of vessels.15. Precautions to be observed 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 fee