

Specifications of minimum standard of competence for: Marine Mechanic Class B

- a) Taking charge of the machinery of vessels with a propulsion power not exceeding of less than 1000 BHP (750 KW) and being
- b) Second in charge of vessels with propulsion power not exceeding (3000 KW)

Competence	Knowledge, understanding and proficiency	Methods for demonstrating competency	Criteria for evaluating competency
<u>Practical Mathematics</u>	The candidate may be required to solve simple problems relating to: <ul style="list-style-type: none"> (a) Consumption of oil and fuel; (b) Speed and range of vessels; (c) Volumes of rectangular tanks. 	<p style="text-align: center;">Oral and Written Examination.</p>	<p style="text-align: center;">Pass the requisite examination. (Oral and written)</p>

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<p>Engineering Knowledge</p>	<p>Precautions before entering tanks;</p> <p>(b) Use of life saving appliances;</p> <p>(c) Care and maintenance of two stroke and four stroke internal combustion engines;</p> <p>(d) Care and maintenance of fuel, lubricating and cooling water systems. Effects of sea water leakage into the systems;</p> <p>(e) Starting and operating cycles of internal combustion engines, timing and values, fuel injection or ignition;</p> <p>(f) General knowledge of First Aid.</p>	<p>Oral and Written Examination.</p>	<p>Pass the requisite examination. (Oral and written</p>

Specifications of minimum standard of competence for: Marine Mechanic Class B

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	In addition to the above candidates may be required to show an advanced knowledge of the items of the syllabus for Marine Mechanic Class C.		
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Qualifying Service

- (i) Not less than 12 months at sea as Marine Mechanic while holding a Marine Mechanic Class C Certificate;
- (ii) Successful completion of Maritime Engineering studies at the School of Polytechnic and not less than 12 months qualifying sea service on vessels with a propulsion power of more than 150BHP (1111KW).

Compulsory Training and Qualifications

- (a) Pass the requisite examination;
- (b) Minimum Age: 21 years;
- (c) A medical certificate giving evidence of physical including eyesight and colour vision and medical fitness