

Qualification Profile

National Certificate in Maritime
(Merchant Navy Deck and Engine Room Watch Rating)

Version 1

Level: 3

Registered: 31 January 1998

Total Credits: 69

NZQA Ref: 0259

TEC Programme No. 450

Purpose

This qualification is structured as an entry level for people intending to be employed within the Merchant Navy sector of the maritime industry. This qualification is for people intending to work in a supervised capacity on a commercial vessel as an integrated rating, covering both the functional requirements of the deck and engine room watch rating.

This qualification recognises that the holder has the skills necessary to: operate auxiliary equipment and systems; maintain adherence to safe working practices; secure the vessel at mooring, anchor and berth; and conduct the sea safety and sea survival functions of first aid, fire fighting, and damage control.

In addition the qualification recognises that the holder has gained the additional skills required to be competent in: the deck seamanship functions of maintaining and altering the ship's heading; preparing the ship's deck equipment for passage and cargo operations and transfer; and the maintenance of the condition and appearance of the vessel.

Achievement of the qualification also recognises that the holder has gained the skills to be competent in the engine room functions of machine servicing, equipment and machine monitoring under supervision, welding, and the use of hand and portable power tools.

Special Note

The Licence to Operate is issued in addition to this qualification following fulfilment of Maritime New Zealand (MNZ) requirements.

Employers who recruit trainees must ensure that the trainees are supplied with the relevant information and procedures relating to MNZ requirements.

Qualification Requirements

This qualification will be awarded to people credited with all of the unit standards included in the qualification.

Unit Standards

Unit	Unit Title	Level	Credit
All units are compulsory			
Engineering and Technology Mechanical Engineering			
Engineering core skills			
2395	Select, use, and care for engineering hand tools	1	4
2396	Select, use, and maintain portable hand held engineering power tools	2	4
2824	Follow safe working practices on an engineering worksite	2	3
Maintenance and Diagnostics in Mechanical Engineering			
2397	Service machines and equipment	2	4
2398	Monitor, under supervision, the condition of machinery and equipment		
Welding			
2670	Avoid welding hazards with safe working practices	2	1
2682	Weld steel up to 10mm thick with manual metal arc welding process in the downhand positions	3	6
	Service Sector Maritime		0
Maritime Engineering			
4104	Operate auxiliary equipment and systems	2	3
4108	Maintain the physical operating condition and appearance of the vessel	2	3
Maritime Management			
4160	Implement and maintain adherence to safe working practices and policies	2	2
Navigation and Seamanship			
4113	Maintain and alter the ship's heading along a directed route	3	3
4120	Secure vessel at mooring, anchor and berth	3	4
4122	Prepare ship's deck equipment for passage and cargo operations	3	2
4128	Transfer cargo and stores	3	8
Sea Survival and Sea Safety			
4132	Implement damage control techniques and procedures	4	8
4134	Apply first aid at sea	2	2

Unit	Unit Title	Level	Credit
4138	Control and extinguish fire	3	4
4143	Conduct sea survival operations	3	4
Total Credits			69

Courses and Assessment

This qualification is generally achieved through traineeship, typically taking twelve months.

Further Information and Enrolment

For further information or to enrol in this programme please contact Competenz.

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