

**Qualification Title:** New Zealand Certificate in Maritime Crewing with strands in Deck Crew, Electro-technology, and Engineering (Level 4)

**Qualification number:** 2511

**Date of review:** 26 February 2018

**Final decision on consistency of the qualification: National Consistency is Confirmed**

**Threshold:**

The threshold to determine sufficiency with the graduate profile was determined as evidence of graduates who can carry out crewing duties within their strand speciality area at a support level to watchkeepers, masters, electro-technical officers or engineers. Graduates should be able to apply safe and sustainable working practices and contribute to effective communication and emergency response on board a vessel.

**Tertiary Education Organisations with sufficient evidence**

Tertiary Education Organisation	Final rating
Manukau Institute of Technology	Sufficient
Nelson Marlborough Institute of Technology	Sufficient

**Introduction**

The purpose of this 60-credit qualification is to provide the maritime industry with personnel who have the skills and knowledge required by the International Convention on Standards of Training, Certification and Watchkeeping for Seafarers (STCW) to work independently and with only broad guidance as crew on vessels operating in unlimited waters.

The qualification is intended for qualified deck and engine room crew wishing to advance to able seafarer roles and for people wishing to begin a career in marine electro technology. Graduates will carry out crewing duties within their strand speciality area at a support level to watchkeepers, masters, electro-technical officers or engineers.

Completion of this qualification is a pre-requisite to applying for a Maritime New Zealand Able Seafarer Deck, Able Seafarer Engine, Integrated Rating and Electro Technology Rating certificates. Award of these ratings by Maritime New Zealand may also require the completion of: a logbook, oral exam and ancillary certificates. In other words, this New Zealand Certificate is a “qualification” which helps prepare people to sit the “rating” once they have completed the requisite sea time. The graduate profile outcomes of this qualification come from, and align to, the STCW ratings.

The two providers each deliver the programme in a completely different context. One delivers on-job training to people working on board New Zealand coastal ships (eg inter island ferries). The other provider offers the qualification as a pre-employment qualification for the maritime industry in which case graduates may sit STCW qualifications months or years later once they have completed the sufficient sea time.

There were in total, 46 graduates reported in 2016 and 24 in 2017.

### **Evidence**

The education organisations provided a range of evidence to demonstrate that their graduates met the graduate profile outcomes.

The criteria used to judge the evaluation question were:

- The nature, quality and integrity of the evidence presented by the education organisation
- How well the organisation has analysed, interpreted and validated the evidence, and used the understanding gained to achieve actual or improved consistency
- The extent to which the education organisation can reasonably justify and validate claims and statements relating to the consistency of graduate outcomes, including in relation to other providers of programmes leading to the qualification

Evidence provided included

- Confirmation that both education organisations had a coherent programme of study which ensured that programme components led to the graduate profile.
- STCW examination results and examiner comments which showed that graduates had passed STCW rating examinations (to which the graduate outcomes are aligned – see above).
- Examples of on-job log books used by all employers and education organisation staff to record student experience and competencies whilst on-board.
- Graduate surveys and “on-board training record books” which confirmed that graduates had gained, and were using, the skills and knowledge outlined in the graduate profile.
- Employer surveys which confirmed that graduates had gained, and were using, the skills and knowledge outlined in the graduate profile.
- Photographs and video clips providing anecdotes of individual graduates working in the industry.

### **How well does the evidence provided by the education organisation demonstrate that its graduates match the graduate outcomes at the appropriate threshold?**

The evidence presented before, and at the review meeting was sufficient to demonstrate that the graduates from the education organisations listed above, match the graduate outcomes. The evidence was generally aligned with the graduate profile and demonstrated that graduates meet the threshold.

In general, the quality of evidence presented was sound with a good mix of informal or anecdotal feedback and empirical evidence. Stronger alignment with the graduate profile outcomes particularly in relation to evidence from individual conversations with employers, would strengthen the consistency case.

### **Special Focus** (includes special focus on a strand or outcome)

There was no special focus as between them the providers deliver all strands of the qualification.

### **Examples of good practice**

Both education organisations have aligned graduate and employer/industry surveys to the graduate profile.