

## About New Zealand Marine and Composites Industry Training Organisation:

New Zealand Marine and Composites Industry Training Organisation (NZMAC ITO) is dedicated to providing leadership in the development of skills and training excellence to the marine and composites industries.

We're responsible for managing the training of all marine and composite industry apprentices. We support and provide training solutions, assessment and mentoring services to the apprentice and the employer throughout the term of an apprenticeship.

Graduates of the NZMAC ITO are recognised as fully qualified trades-people by the New Zealand Marine Industry, the Composites Association of New Zealand (CANZ) and the New Zealand Qualifications Authority (NZQA). In addition, thanks to the professional reputation of the New Zealand marine and composites industries internationally and to the high standards of training, NZMAC ITO graduates are highly regarded and sought after in the industry.



## Contact Us!

For more information of the programmes we offer, you can find us at:

Web: [www.NZMACITO.org.nz](http://www.NZMACITO.org.nz)  
Email: [training@nzmarine.com](mailto:training@nzmarine.com)  
Phone: 0800 600 242  
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[www.NZMACITO.org.nz](http://www.NZMACITO.org.nz)



COMPOSITES  
ASSOCIATION  
OF NEW ZEALAND

[www.composites.org.nz](http://www.composites.org.nz)

## New Zealand Certificate in Yacht Rig Structures

### Level 4

(Rigging, Composite Spar Making,  
Metal Spar Making, Composite Sail Making  
and Canvas Sail Making)



More than just a job,  
skilled for life.

# New Zealand Certificate in Yacht Rig Structures

(Rigging, Composite Spar Making, Metal Spar Making, Composite Sail Making and Canvas Sail Making)

**Level: 4**

**Credits: 150 - 230**

**Approx Duration: 3 Years**

## Who should do this qualification?

This qualification is for people who are intending to work or who are working with yacht rig structures.

## Where this qualification can take you:

Graduates of this qualification will have the skills and knowledge to work in a range of unsupervised roles in the marine or composites industry. These may include as a yacht rigger, spar maker or sail maker.

## After completing this qualification you'll have knowledge in:

- Health and Safety
- Tool use and maintenance
- Communication skills
- Self management

## Graduates of the Rigging strand will be able to:

Use and interpret a range of documentation, design, and specifications for rigging a yacht.

Apply knowledge of materials, processes, and systems to manufacture, maintain, and repair rigging components and structures

Apply industry procedures to set up yacht rig structures

## Graduates of the Composite/Metal Spar Making Strand will be able to:

Use and interpret a range of documentation, design, and specifications for composite/metal yacht spar making.

Apply knowledge of materials, processes, and systems to manufacture, maintain, and repair composite/metal yacht spars.

Apply industry procedures to assemble a range of components for composite/metal yacht spars.

## Graduates of the Composite/Canvas Sail Making Strand will be able to:

Use and interpret a range of documentation, design, and specifications for composite/canvas sail making.

Apply knowledge of materials, processes, and systems to manufacture, maintain and repair composite/canvas yacht sails.

Apply industry procedures to assemble or construct a range of components for composite/canvas yacht sails.

Test composite sails to ensure they are fit for purpose and they meet design and specification requirements.

## Education Pathway:

