

<b>Title</b>	<b>Set up and cut materials using a computerised plot cutter in the sailmaking industry</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>5</b>

<b>Purpose</b>	People credited with this unit standard are able to: set up a computerised plot cutting machine and prepare materials; and cut materials using a computerised plot cutter.
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<b>Classification</b>	Industrial Textile Fabrication > Sailmaking
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<b>Available grade</b>	Achieved
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## Guidance Information

1 Learners undertaking assessment against this unit standard are expected to comply with the following rules and legislation, and any subsequent amendments:

- Health and Safety at Work Act 2015
- Health and Safety in Employment Regulations 1995
- Racing Rules of Sailing and YNZ Safety Regulations of Sailing 2017-2020.

2 Definitions

*Class rules* refer to a set of rules and regulations prescribed by the International Sailing Federation, which states the standard requirements for producing, modifying, maintaining, or repairing a boat or its components including sails. The rules and regulations apply to racing and recreational sailing and administered locally by Yachting New Zealand. Yachting New Zealand's website is <http://www.yachtingnz.org.nz/>.

*Workplace policies and procedures* refer to the documented procedures and policies providing guidelines of the tasks and activities carried out in the workplace. This typically includes relevant health and safety policies to manage risk in the workplace.

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## Outcomes and performance criteria

### Outcome 1

Set up a computerised plot cutting machine and prepare materials.

### Performance criteria

1.1 Material is prepared in accordance with job specifications.

Range preparation include – laying out, aligning, checking for flatness.

1.2 Faults in the material are identified and omitted in accordance with workplace policies and procedures.

- 1.3 Cutter is aligned to marker specifications in accordance with design specifications.
- 1.4 Machine is set up in accordance with workplace policies and procedures.

## Outcome 2

Cut materials using computerised plot cutter.

### Performance criteria

- 2.1 Plot cutter machine is operated in accordance with manufacturer specifications.
- 2.2 Materials are cut in accordance with job specifications.
- 2.3 Cut areas are sealed as required in accordance with workplace policies and procedures.
- 2.4 Panels are removed and stacked in order in accordance with workplace policies and procedures.
- 2.5 Documentation is completed in accordance with workplace policies and procedures.
- 2.6 Cutting pad is cleaned and maintained in accordance with workplace policies and procedures.
- 2.7 Cut materials are checked, and remedial action is taken if required to ensure job specifications and design specifications are met.

<b>Planned review date</b>	31 December 2025
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### Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	25 September 1997	31 December 2022
Revision	2	14 November 2000	31 December 2022
Revision	3	16 October 2003	31 December 2022
Review	4	26 March 2007	31 December 2022
Rollover	5	27 January 2015	31 December 2022
Revision	6	20 July 2017	31 December 2022
Review	7	27 August 2020	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	0136
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

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**Comments on this unit standard**

Please contact the NZ Marine and Composites Industry Training Organisation [training@nzmarine.com](mailto:training@nzmarine.com) if you wish to suggest changes to the content of this unit standard.