

<b>Title</b>	<b>Cut components for marine inflatables</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>4</b>

<b>Purpose</b>	People credited with this unit standard are able to: obtain fabric for marine inflatable component cutting; lay up fabric; and cut fabric, working from supplied full-size patterns and documented job requirements. They are able to work without supervision.
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<b>Classification</b>	Boating Industries > Marine Sales and Services
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<b>Available grade</b>	Achieved
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### Guidance Information

- 1 Definition  
*Company procedures, company requirements, and job requirements* – the documented procedures and requirements for the machine and/or process and/or worksite.
- 2 Evidence of the elements of this unit standard must be presented across the following contexts:  
cutting equipment – hand shears, fabric knife, pattern press, laser cutting equipment, water cutting equipment.
- 3 All work practise must meet recognised codes of practice and documented worksite health and safety procedures (where these exceed code) for personal, product, and worksite health and safety, and must meet the obligations required under the Health and Safety at Work Act 2015, and any subsequent amendments.

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### Outcomes and performance criteria

#### Outcome 1

Obtain fabric for marine inflatable component cutting.

#### Performance criteria

- 1.1 Fabric type, colour, and denier are matched with job requirements.  
Range type – hyperlon, polyvinyl chloride, neoprene rubber.
- 1.2 Identification of fabric faults enables rectification action to be taken in order to achieve customer's requirements.  
Range holes, tears, runs, delamination, coating thickness faults.

**Outcome 2**

Lay up fabric.

**Performance criteria**

- 2.1 Selection of pattern matches job requirements.
- 2.2 Orientation and layout of pattern match job requirements and company requirements for minimisation of waste.
- 2.3 Fabric is marked and labelled in accordance with job requirements and fabric type.
- Range construction lines, cutting lines.
- 2.4 Lay up is checked in accordance with company requirements.

**Outcome 3**

Cut fabric.

**Performance criteria**

- 3.1 Cut components meet job and/or company requirements for tolerance.
- 3.2 Company requirements for production rate are achieved.
- 3.3 Fabric is directed to next process in accordance with company procedures and job requirements.
- Range buffing and cleaning, storage, transport, waste disposal.

<b>Planned review date</b>	31 December 2020
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**Status information and last date for assessment for superseded versions**

Process	Version	Date	Last Date for Assessment
Registration	1	27 August 1997	N/A
Revision	2	21 March 2001	N/A
Revision	3	16 April 2004	N/A
Rollover	4	20 March 2009	N/A
Rollover and Revision	5	31 May 2018	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 ITO [training@nzmarine.com](mailto:training@nzmarine.com) if you wish to suggest changes to the content of this unit standard.