

<b>Title</b>	<b>Demonstrate knowledge of marine or composite construction drawings and produce a related freehand sketch</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>2</b>

<b>Purpose</b>	People credited with this unit standard are able to demonstrate knowledge of marine or composite construction drawings, and produce a freehand sketch of items or item components.
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<b>Classification</b>	Boating Industries > Boatbuilding
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<b>Available grade</b>	Achieved
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## Guidance Information

### Definitions

*Item* refers to a product or something that is produced in the marine or composite industry.

*Job specifications* refer to the standard requirements of the job being undertaken.

*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

Demonstrate knowledge of marine or composite construction drawings.

### Performance criteria

1.1 Construction drawings are described in terms of their use and purpose.

Range construction drawings include – working, detailed.

1.2 Types of construction drawings are described.

Range type of construction drawings – renderings, general arrangements, sections, structural arrangements, systems schematic, mechanical arrangements, working detail.

1.3 Drawings and dimensions of critical measurements are interpreted.

Range measurements – imperial, metric conversions.

1.4 Process for approving construction drawings is described in terms of client approval and workplace policies and procedures.

**Outcome 2**

Produce a freehand sketch of items or item components.

**Performance criteria**

- 2.1 Items or components are sketched and measured to meet job specifications and workplace policies and procedures.
- 2.2 Dimensions and related notes are marked clearly in accordance with job specifications.
- 2.3 Sketch produced is checked to meet job specifications.

<b>Planned review date</b>	31 December 2026
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**Status information and last date for assessment for superseded versions**

Process	Version	Date	Last Date for Assessment
Registration	1	28 March 2001	31 December 2017
Revision	2	11 February 2005	31 December 2017
Rollover and Revision	3	17 October 2008	31 December 2017
Review	4	8 December 2016	31 December 2023
Review	5	26 August 2021	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>.

**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.