

Title	Describe marine or composite construction drawings and produce a related freehand sketch		
Level	3	Credits	2

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

Definitions

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

Item component refers to a part, element, or section of an item. Components may require individual repair, replacement, or maintenance separate from the item. Examples include brackets, fasteners, or specific hardware elements.

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.

Outcomes and performance criteria

Outcome 1

Describe 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 include – renderings, general arrangements, sections, structural arrangements, systems schematic, mechanical arrangements, working detail.

- 1.3 Drawings and dimensions of critical measurements are interpreted.
- Range measurements include – 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.

Planned review date	31 December 2030
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Status information and last date for assessment for superseded versions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	31 December 2027
Review	6	29 May 2025	N/A

Consent and Moderation Requirements (CMR) reference	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 Hanga-Aro-Rau Engineering, Manufacturing and Logistics Workforce Development Council at qualifications@hangaarorau.nz if you wish to suggest changes to this unit standard.