

Title	Interpret installation plan and marine engineering drawings		
Level	4	Credits	5

Purpose	People credited with this unit standard are able to interpret installation plan and marine engineering drawings.
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Classification	Boating Industries > Boatbuilding
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Available grade	Achieved
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Guidance Information

Definitions

Installation plan drawings refers to detailed drawings that may include information about precise positioning, supports and fixings, space allowances for installation, plant or equipment requirements, requirements for service connections, and other maintenance access requirements.

Marine engineering drawings refers to graphical presentation that communicates ideas and information needed for installation of marine system engineering components.

Outcomes and performance criteria

Outcome 1

Interpret installation plan and marine engineering drawings.

Performance criteria

- 1.1 Drawing and symbols are identified in terms of type and applications for installation process.
- 1.2 Symbols and abbreviations are interpreted in terms of their functions and meanings.
- 1.3 Drawings are explained in terms of installation site, functionality, and efficiency of the components to be installed.
- 1.4 Dimensions are interpreted from the drawings in terms of installation requirements.
- 1.5 Scales are interpreted and measurements converted in terms of actual dimensions.
- 1.6 Drawings are interpreted in terms of projections, sections, tolerances, and details.

1.7 Drawing lines are identified, compared, and explained in terms of differences.

Range drawing lines include but not limited to – visible lines, hidden lines, phantom lines, centre lines.

Planned review date	31 December 2022
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	14 December 2017	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 the NZ Marine and Composites Industry Training Organisation training@nzmarine.com if you wish to suggest changes to the content of this unit standard.