

Title	Perform measurements and calculations used in a marine or composite workplace		
Level	2	Credits	5

Purpose	People credited with this unit standard are able to: select measuring devices to suit task requirements; and complete measurement tasks, and perform calculations in a marine or composite workplace.
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Classification	Boating Industries > Boatbuilding
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Available grade	Achieved
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Guidance Information

- All work practices 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.
- Definitions
Task requirements refer to compliance with product manufacturer usage recommendations, contract specifications, and workplace policies and procedures.
Workplace policies and procedures refer to the documented policies and procedures providing guidelines for 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

Select measuring devices to suit task requirements in a marine or composite workplace.

Range measuring devices may include – rules, tapes, spring and friction callipers, protractors, thermometers, mass balances, spring balances, stop watches, plumb bobs, fixed gauges, straight edge, laser level;
evidence of at least four different types of device is required.

Performance criteria

- Measuring device is selected to meet the task requirements.
- Methods of use for the selected measuring device are identified in accordance with workplace policies and procedures.

Outcome 2

Complete measurement tasks, and perform calculations in a marine or composite workplace.

Performance criteria

- 2.1 Measurements are taken and recorded to meet the task requirements.
Range evidence of four different types of measurements is required.
- 2.2 Calculations are completed and recorded to meet task requirements.
Range evidence of four different types of calculations is required.

Planned review date	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Status information and last date for assessment for superseded versions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	3	20 March 2009	31 December 2017
Review	4	17 November 2016	31 December 2023
Review	5	26 August 2021	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 ITO training@nzmarine.com if you wish to suggest changes to the content of this unit standard.