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

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| Purpose | People credited with this unit standard are able to: select measuring devices and perform measurements to suit task requirements; 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

- Legislation, regulations, references and/or industry standards relevant to this unit standard include but are not limited to the:
 - [Health and Safety at Work Act 2015](#)
 Any new, amended or replacement Acts, regulations, rules, standards, codes of practice, guidelines, or authority requirements or conditions affecting this unit standard will take precedence for assessment purposes, pending review of this unit standard.
- 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 and perform measurements 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.

1.2 Methods of use for the selected measuring device are identified to meet task requirements.

1.3 Measurements are taken and recorded to meet the task requirements.

Outcome 2

Perform calculations in a marine or composite workplace.

Performance criteria

2.1 Calculations are completed and recorded to meet task requirements.

Range evidence of four different types of calculations is required.

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| 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 | 3 | 20 March 2009 | 31 December 2017 |
| Review | 4 | 17 November 2016 | 31 December 2023 |
| Review | 5 | 26 August 2021 | 31 December 2027 |
| Review | 6 | 26 June 2025 | N/A |

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| 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.