

<b>Title</b>	<b>Calculate quantities and costs for marine or composite projects</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>5</b>

<b>Purpose</b>	People credited with this unit standard are able to estimate and calculate quantities, labour costs, and costs of materials used for marine or composite projects.
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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

- 1 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.
- 2 **Definition**  
*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 the risk in the workplace.
- 3 **Range**  
Evidence for two different projects is required.
- 4 This unit standard can be assessed in the workplace, using a project plan supplied by the employer to carry out any calculations.

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### Outcomes and performance criteria

#### Outcome 1

Estimate quantities and costs of materials used for marine or composite projects.

#### Performance criteria

- 1.1 Quantities and costs of materials are estimated in accordance with workplace policies and procedures.

#### Outcome 2

Calculate quantities, labour costs, and costs of materials for marine or composite projects.

**Performance criteria**

- 2.1 All materials required are documented for the project in accordance with workplace policies and procedures.
- 2.2 Material and labour costs for the project are calculated and documented in accordance with project requirements and workplace policies and procedures.
- 2.3 The impact of variation of design specification and requirements are described in terms of the effect on project costs and time delay.

<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**Status information and last date for assessment for superseded versions**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	3	20 March 2009	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.