

Title	Calculate quantities and costs for marine or composite projects		
Level	3	Credits	5

Purpose	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.
----------------	--

Classification	Boating Industries > Boatbuilding
-----------------------	-----------------------------------

Available grade	Achieved
------------------------	----------

Guidance Information

- 1 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.

- 2 Definition
Workplace policies and procedures refer to the documented procedures and policies providing guidelines for the tasks and activities carried out in the workplace. This typically includes relevant health and safety policies to manage hazards and/or risks in the workplace.

- 3 Assessment information
Range
Evidence for two different projects is required.

This unit standard can be assessed in the workplace, using a project plan supplied by the employer to carry out any calculations.

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.

Planned review date	31 December 2030
----------------------------	------------------

Status information and last date for assessment for superseded versions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

Consent and Moderation Requirements (CMR) reference	0136
--	------

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 skill standard.