

<b>Title</b>	<b>Explain costing and estimate pricing for a complex boatbuilding project</b>		
<b>Level</b>	<b>5</b>	<b>Credits</b>	<b>10</b>

<b>Purpose</b>	People credited with this unit standard are able to explain costs, and make an estimate of price, for a complex boatbuilding project.
----------------	---

<b>Classification</b>	Boating Industries > Boatbuilding
-----------------------	-----------------------------------

<b>Available grade</b>	Achieved
------------------------	----------

---

### Guidance Information

- 1 Definitions  
*Job specifications* refers to the standard requirements of the job being undertaken.  
*Workplace policies and procedures* refers 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 requirements to eliminate hazard/risk in the workplace.
- 2 The boatbuilding project must be a complex project. For example – bridge decks, hull, flybridge, mast/spars, interiors and marine systems, and superstructures.
- 3 The estimate may be simulated for assessment purposes and may be prepared for internal workplace use.

---

### Outcomes and evidence requirements

#### Outcome 1

Explain costs relating to a complex boatbuilding project.

#### Evidence requirements

- 1.1 Direct costs are explained in relation to boatbuilding project.

Range	direct costs include but are not limited to – labour, materials, equipment, consultants, subcontract costs.
-------	---
- 1.2 Indirect costs are explained in relation to boatbuilding project.

Range	indirect costs include but are not limited to – overhead cost, administration costs.
-------	--

1.3 Factors that influence project costs are explained in terms of their impact on the project.

Range factors may include – construction difficulty, regulatory requirements, duration, changes to material and labour costs, rework, legal costs, natural disasters, overhead cost changes, subcontractor, machinery; evidence of three factors is required.

## Outcome 2

Make an estimate of price for a complex boatbuilding project.

### Evidence requirements

2.1 Price of resources needed for boatbuilding project is identified in accordance with job specifications.

Range resources include – labour, materials, equipment, transport, consultants, subcontract costs.

2.2 Estimate of price of a boatbuilding project is made in accordance with job specifications and workplace policies and procedures.

Range estimate includes – labour, materials, equipment, transport, consultants, subcontractor costs, allowances for overhead costs and administration cost.

2.3 Factors that could potentially affect the boatbuilding project are documented in accordance with workplace policies and procedures.

<b>Planned review date</b>	31 December 2022
----------------------------	------------------

### Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	21 May 2010	31 December 2018
Review	2	17 August 2017	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	0136
--	------

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](mailto:training@nzmarine.com) if you wish to suggest changes to the content of this unit standard.