

<b>Title</b>	<b>Produce a preliminary conceptual marine design</b>		
<b>Level</b>	<b>7</b>	<b>Credits</b>	<b>30</b>

<b>Purpose</b>	People credited with this unit standard are able to: analyse a given marine design brief; and produce and revise marine design options.
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<b>Classification</b>	Boating Industries > Marine Design
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<b>Available grade</b>	Achieved
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### Guidance Information

- 1 Definition  
*Design brief* refers to a documented design description of a client's requirements.
- 2 This unit standard includes new work, refits, structural alterations, and repairs.

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### Outcomes and performance criteria

#### Outcome 1

Analyse a given marine design brief.

#### Performance criteria

- 1.1 Sketches are developed which include two or three dimensional forms, and annotations that show progression and design thinking.
- 1.2 Calculations and coefficients are developed that outline the parameters for the design and match the requirements of the design brief.

#### Outcome 2

Produce and revise marine design options.

#### Performance criteria

- 2.1 Ideas are selected from sketches and meet the design brief.
- 2.2 Ideas are developed to produce design solutions that meet classification rules.
- 2.3 Design options are refined in sketch form to meet client's brief and with preferably three dimensional effects.

2.4 Conceptual designs are presented to clients incorporating concept drawings, and supporting information.

Range presentation – media, methods, sequence;  
drawings – line styles, shading, colour.

2.5 Design changes are listed that meet clients and brief requirements.

2.6 Design is altered to meet design changes and classification requirements.

**This unit standard is expiring. Assessment against the standard must take place by the last date for assessment set out below.**

#### Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	19 June 1997	31 December 2025
Revision	2	21 March 2001	31 December 2025
Revision	3	16 April 2004	31 December 2025
Rollover and Revision	4	20 March 2009	31 December 2025
Rollover and Revision	5	26 July 2018	31 December 2025
Review	6	25 August 2022	31 December 2025

<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>.