

Title	Produce marine components by performing engineering drilling operations		
Level	3	Credits	5

Purpose	People credited with this unit standard are able to prepare for drilling operations, and produce marine components by performing engineering drilling operations.
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Classification	Boating Industries > Boatbuilding
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Available grade	Achieved
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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 Definitions
Job specifications refer to the standard requirements of the job being undertaken.
Product specifications refer to a detailed description of the design of a product or object being made.

Outcomes and performance criteria

Outcome 1

Prepare for drilling operations.

Performance criteria

- 1.1 Resources and equipment are selected and prepared in accordance with job specifications.

 Range drawings, instructions, specifications, processes, marking out, holding fixtures, drills.

Outcome 2

Produce marine components by performing engineering drilling operations.

Range evidence of two different marine components produced from two different materials.

Performance criteria

- 2.1 Cutting fluids or compounds are used in accordance with job specifications.
- 2.2 Holes are drilled to product specifications, without damage to machine and tools.
- 2.3 Marine components are produced using drilling operations in accordance with job specifications.

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Status information and last date for assessment for superseded versions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	14 December 2017	31 December 2027
Review	2	26 June 2025	N/A

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.