

Title	Build boat framework under supervision		
Level	3	Credits	15

Purpose	People credited with this unit standard are able to: manufacture boat framework members; install framework members; and fair the installed framework.
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Classification	Boating Industries > Boatbuilding
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Available grade	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, Resource Management Act 1991, Hazardous Substances and New Organism Amendment Act 2015, and any subsequent amendments.
- 2 **Definitions**
Job specifications refer to the specification requirements of the job being undertaken.
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 risk in the workplace.
- 3 Evidence for this unit standard may be collected from the following: frameworks – temporary and permanent; hull, deck and superstructure frames; frames made for the construction of boats; frames made for the manufacture of hull plugs.
- 4 **Range**
 Hull framework members may include – temporary frames, cut/profiled frames, laminated or sawn permanent frames, gunwales, keels, transoms, stem, kelsons, floors, bulkheads, fore and aft girders, stringers, chines, bracing.
 Deck or superstructure framework members may include – temporary frames, cut/profiled frames, laminated or sawn permanent frames, bulkheads, cockpit well, coamings, king or centre plank, deck or cabin edging, carlins, stringers, bracing.

 Candidates are required to build a minimum of six hull framework members and a minimum of five deck or superstructure framework members to achieve this unit standard.
- 5 Frameworks may be external or internal in their construction method.
- 6 This unit standard is applicable to the construction of boats, plugs, and moulds.

Outcomes and performance criteria

Outcome 1

Manufacture boat framework members.

Performance criteria

- 1.1 Materials and tools are selected in accordance with the job specifications.
- 1.2 Framework members are manufactured in accordance with the job specifications in terms of shape and size.
- 1.3 Manufactured framework members are verified against the job specifications.

Outcome 2

Install framework members.

Performance criteria

- 2.1 Framework members are installed in accordance with the job specifications and workplace policies and procedures.
- 2.2 Installed framework members are verified in terms of secured installation and in accordance with the job specifications.

Outcome 3

Fair the installed framework.

Performance criteria

- 3.1 Installed framework is faired and smoothed in accordance with the job specifications and workplace policies and procedures.
- 3.2 Faired and smoothed framework is checked, and remedial action is taken if required to ensure job specifications are met.

Planned review date	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	27 April 1998	31 December 2017
Revision	2	20 March 2001	31 December 2017
Revision	3	16 April 2004	31 December 2017
Review	4	21 November 2008	31 December 2017
Review	5	19 January 2017	31 December 2023
Review	6	26 August 2021	N/A
Revision	7	24 April 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 Manufacturing, Engineering and Logistics Workforce Development Council qualifications@hangaarorau.nz if you wish to suggest changes to the content of this unit standard.