

Title	Plank a boat framework		
Level	4	Credits	20

Purpose	People credited with this unit standard are able to explain planking types, methods, and materials used in wooden boat building, prepare and select materials, and plank a boat framework.
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Classification	Boating Industries > Boatbuilding
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Available grade	Achieved
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Guidance information

1 Definitions

Fastenings refers to adhesives, nails, screws, staples, rivets, rooves, dowels, or bolts.

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 All work practices must meet recognised codes of practice and workplace policies and procedures (where these exceed code) for personal, product, and workplace health and safety, and must meet the obligations required under the Health and Safety at Work Act 2015, Health and Safety in Employment Regulations 1995, and Resource Management Act 1991, and any subsequent amendments.

Outcomes and performance criteria

Outcome 1

Explain planking types, methods, and materials used in wooden boat building.

Performance criteria

- 1.1 Planking types are explained in relation to hull frame types.

Range evidence of three planking types is required.

1.2 Fastening methods are explained in relation to materials used.

Range fastening methods – riveting, nailing, screwing, bolting; materials may include – screws, copper nails, annular nails, bolts, coach screws, roves.

1.3 Water proofing and sealing methods are explained in terms of materials used.

Range evidence of three sealing methods is required.

Outcome 2

Prepare and select materials to plank a boat framework.

Performance criteria

2.1 Materials are selected in accordance with job specifications.

Range materials – timber, fastenings.

2.2 Timber is cut in accordance with job specifications.

2.3 Cut timber pieces are pre-shaped and pre-coated in accordance with job specifications.

Outcome 3

Plank a boat framework.

Range planking systems may include – carvel, clinker, double diagonal, triple planking.

Performance criteria

3.1 Framework is faired to job specifications.

3.2 Timber is fitted and fixed in accordance with job specifications.

3.3 All joint surfaces are caulked or glued for water tightness.

Planned review date	31 December 2023
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	7 May 1997	31 December 2020
Revision	2	9 October 1998	31 December 2020
Revision	3	20 March 2001	31 December 2020
Revision	4	16 April 2004	31 December 2020
Rollover and Revision	5	17 October 2008	31 December 2020
Review	6	31 May 2018	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 the NZ Marine and Composites ITO training@nzmarine.com if you wish to suggest changes to the content of this unit standard.