

Title	Lift, support and move boats or components safely		
Level	3	Credits	8

Purpose	People credited with this unit standard are able to: lift boats or components safely; support boats or components safely; and move boats or components safely.
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Classification	Boating Industries > Marina Operations and Services
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Available grade	Achieved
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Guidance Information

- 1 All required equipment must be set up, started up, operated, and shut down in accordance with workplace policies and procedures.
- 2 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 and Resource Management Act 1991, and any subsequent amendments.
- 3 Definitions
Components refer to large boat components of at least 1m² in size, which may include engines, tanks, shafts, propellers, rudders, genset.
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 requirements to eliminate hazard/risk in the workplace.

Outcomes and performance criteria

Outcome 1

Lift boats or components safely.

Range may include but is not limited to – cranes, travelifts, chainblocks, gantrys, block and tackles, jacks.

Performance criteria

- 1.1 Equipment used for lifting is identified.

- 1.2 Lifting equipment is checked for suitability.
- Range safety margin of equipment, care of equipment.
- 1.3 Lifting attachment locations are checked for adequate strength.
- 1.4 Stability is judged and considered to enable safe lift.
- Range may include but is not limited to – changing mass distribution when lifting boats or components, centre of gravity when picking metal plates up with crane, non-stability when using jacks.
- 1.5 Lifting is carried out safely in accordance with workplace policies and procedures.
- Range a minimum of 2 lifts is required.

Outcome 2

Support boats or components safely.

Performance criteria

- 2.1 Support methods and locations are identified and described.
- Range point loading, location of internal support structures.
- 2.2 Support method applicable to boat type or component type is utilised in accordance with workplace policies and procedures.
- Range may include but is not limited to specialist holding cradles, boatyard cradles, diagonal bracing, acrow props, props; a minimum of 3 different support methods must be demonstrated.

Outcome 3

Move boats or components safely.

Range may include but is not limited to – slow speed workshop/boatyard moving, including moving moulds, engines, tanks and other large boat components.

Performance criteria

- 3.1 Boats or components are moved safely in accordance with workplace policies and procedures.
- Range may include but is not limited to skidding, rolling, load tracks, levering, pushing, pulling; a minimum of 2 separate moves must be demonstrated.

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	21 November 2008	31 December 2019
Review	2	23 November 2017	N/A
Rollover and Revision	3	24 April 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 Manufacturing, Engineering and Logistics Workforce Development Council qualifications@hangaarorau.nz if you wish to suggest changes to the content of this unit standard.