

Title	Carry out physical preparation for the transportation of boats		
Level	4	Credits	5

Purpose	<p>People credited with this unit standard are able to prepare boats for loading to support systems, and carry out physical preparation for the transportation of boats.</p> <p>This unit standard covers the preparation of and structural components of boats for national and international transport by land, by ship, and by air.</p>
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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 **Definitions**
Boats are defined as complete boats, or major sub-components or ancillary systems including: hull and decks; mast, spars and rigging; major interior joinery modules.
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 This unit standard does not cover the operation of any associated mechanical lifting equipment.
- 3 **Range**
support systems – cradles, trailers, containers.
- 4 All required equipment must be set up, started up, operated, and shut down in accordance with workplace policies and procedures.
- 5 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.

Outcomes and performance criteria

Outcome 1

Prepare boats for loading to support systems.

Performance criteria

- 1.1 Preparation is undertaken that prevents loose and moving equipment from being damaged or causing damage, and protects the security of attractive items.
- Range actions – securing, removing, protecting; equipment includes but is not limited to – masts, spars, internal and external fixtures and fittings.
- 1.2 Tank levels are adjusted to meet legal transport requirements.
- Range tanks – water, fuel, effluent; adjustment – emptied, purged, filled.
- 1.3 Additional strengthening provided prevents damage, and is matched to the support system and the stresses associated with the distance and transport method of the proposed journey.
- 1.4 Protective coatings and coverings are provided and installed to client's requirements.

Outcome 2

Carry out physical preparation for the transportation of boats.

Performance criteria

- 2.1 Support system is checked as meeting the size, shape, and securing requirements of the transport operator before loading begins.
- 2.2 Boat is positioned to ensure that there will be no damage during loading, transport, and unloading.
- Range damage caused by impact, or by friction between the boat and the support system.
- 2.3 Adjustment to the provided support system ensures that it can withstand the stresses associated with the distance and transport method of the proposed journey.
- Range adjustment – additional strengthening, bracing.
- 2.4 Loading is monitored visually and aurally so that contingency action can be taken before damage can occur.
- Range contingency actions – stop lift, re-lift, provide additional or alternative support system.

Planned review date	31 December 2022
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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 2019
Revision	2	9 October 1998	31 December 2019
Revision	3	21 March 2001	31 December 2019
Revision	4	16 April 2004	31 December 2019
Rollover	5	20 March 2009	31 December 2019
Review	6	23 November 2017	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 the NZ Marine and Composites Industry Training Organisation training@nzmarine.com if you wish to suggest changes to the content of this unit standard.