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| <b>Title</b> | <b>Lift, support and move boats and components safely</b> |                |          |
| <b>Level</b> | <b>3</b>  | <b>Credits</b> | <b>8</b> |

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| <b>Purpose</b> | People credited with this unit standard are able to lift boats and components safely, support boats safely, and move boats safely. |
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| <b>Classification</b> | Boating Industries > Marina Operations and Services |
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| <b>Available grade</b> | 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 Definition  
*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.

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### Outcomes and performance criteria

#### Outcome 1

Lift boats and components safely.

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

#### 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 turning boat over, 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.

## Outcome 2

Support boats safely.

### Performance criteria

- 2.1 Support methods and locations are identified and described according to boat type.
- Range traditional boats, composite boats, cradle types, point loading, location of internal support structures.
- 2.2 Boat cradle types are identified and described in terms of components and function.
- Range specialist holding cradles, boatyard cradles, diagonal bracing, acrow props, props.
- 2.3 Support method applicable to boat type is utilised in accordance with workplace policies and procedures.

## Outcome 3

Move boats safely.

Range may include but is not limited to – slow speed workshop/boatyard moving, including moving moulds.

### Performance criteria

- 3.1 Boats are moved safely in accordance with workplace policies and procedures.
- Range skidding, rolling, load tracks, levering, pushing, pulling.

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| <b>Planned review date</b> | 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       | 21 November 2008 | 31 December 2019         |
| Review       | 2       | 23 November 2017 | 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 Industry Training Organisation  
[training@nzmarine.com](mailto:training@nzmarine.com) if you wish to suggest changes to the content of this unit standard.