

<b>Title</b>	<b>Demonstrate knowledge of insulation and install insulation in boats or components</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>2</b>

<b>Purpose</b>	People credited with this unit standard are able to: demonstrate knowledge of insulation types and materials used in boats or components; and select and install insulation in boats or components.
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<b>Classification</b>	Boating Industries > Boatbuilding
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<b>Available grade</b>	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 Substance and New Organisms Amendment Act 2015, and any subsequent amendments.
- 2 Definitions  
*Job specifications* refer to the standard 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.

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### Outcomes and performance criteria

#### Outcome 1

Demonstrate knowledge of insulation types and materials used in boats or components.

#### Performance criteria

- 1.1 Insulation types are explained in terms of their purpose and placement in boats.  
 Range insulation types include – thermal, acoustic, fire, vibration control.
- 1.2 Materials used for insulation are described in terms of its use.  
 Range materials include – batt style, vapour barrier, mineral wool, lead, lead style, noise barriers.

**Outcome 2**

Select and install insulation in boats or components.

**Performance criteria**

2.1 Type of insulation required is selected and installed in accordance with job specifications, and workplace policies and procedures.

Range insulation types may include – thermal, acoustic, fire, vibration control;  
evidence of two insulation types is required.

<b>Planned review date</b>	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**Status information and last date for assessment for superseded versions**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	28 March 2001	31 December 2017
Revision	2	11 February 2005	31 December 2017
Rollover	3	20 March 2009	31 December 2017
Review	4	19 January 2017	31 December 2023
Review	5	26 August 2021	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	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 ITO [training@nzmarine.com](mailto:training@nzmarine.com) if you wish to suggest changes to the content of this unit standard.