

<b>Title</b>	<b>Explain regulatory compliance in boatbuilding</b>		
<b>Level</b>	<b>5</b>	<b>Credits</b>	<b>5</b>

<b>Purpose</b>	People credited with this unit standard are able to demonstrate knowledge of: classification society regulatory compliance for vessels; New Zealand maritime compliance rules for design, construction and equipment of commercial craft; international regional rules for vessel construction; and standards that may be used to prove compliance with vessel construction rules.
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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

### References

- Australian/New Zealand (AS/NZS) standards can be purchased from <http://www.standards.co.nz>.
- Maritime New Zealand Rule 40 (Rule 40) may be found at <http://www.maritimenz.govt.nz/>.
- Information about classification societies can be found at <http://www.iacs.org.uk/>.
- US Coastguard <http://www.uscgboating.org>.
- *National Standard for Commercial Vessels* (Australia) <http://www.amsa.gov.au>.
- ISO standards <http://www.iso.org>.
- IEC standards <http://www.iec.ch/>.

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## Outcomes and performance criteria

### Outcome 1

Explain the classification society regulatory compliance for vessels.

### Performance criteria

- 1.1 Classification societies that have a presence in New Zealand are explained.
- Range evidence of three classification societies is required.
- 1.2 The role of a classification society is explained in terms of rules and the effect that they have on vessel construction and operation.

- 1.3 Ways of proving class compliance are explained for vessel construction.
- Range traceability, properties of materials, compliance with standards, class rules.
- 1.4 Common pre-construction practice for classifying vessels is explained in terms of documentation and plan approval.
- 1.5 Survey and verification processes are explained for vessels being built to class.
- Range documentation, yard inspection frequency, inspection activities, classification.

## Outcome 2

Explain New Zealand maritime compliance rules for design, construction and equipment of commercial craft.

### Performance criteria

- 2.1 The role of Maritime New Zealand is explained in terms of the effect that they have on vessel construction and operation.
- 2.2 The Maritime New Zealand Rule 40 series are explained in terms of their application to vessel construction.
- 2.3 Ways of proving compliance with Rule 40 are explained for vessel construction.
- Range traceability, properties of materials, compliance with standards.
- 2.4 Survey and verification processes are explained for vessels being built to Rule 40.

## Outcome 3

Explain the international regional rules for vessel construction.

Range includes but is not limited to – US Coastguard, EU, USL Code.

### Performance criteria

- 3.1 International organisations that set regional rules and regulations that may affect vessel construction are explained in terms of organisation purpose, function and rules.
- Range evidence of three organisations is required.
- 3.2 Ways of proving compliance with international rules are explained for vessel construction.
- Range traceability, properties of materials, compliance with standards.

- 3.3 Survey and verification processes are explained for vessels being built to international regional rules.

#### Outcome 4

Explain the standards that may be used to prove compliance with vessel construction rules.

#### Performance criteria

- 4.1 AS/NZS standards are explained generally in terms of their use to prove compliance with New Zealand and Australian vessel construction rules.
- 4.2 ISO standards are explained generally in terms of their use to prove compliance with international vessel construction rules.
- 4.3 IEC standards are explained generally in terms of their use to prove compliance with international vessel construction rules.

<b>Planned review date</b>	31 December 2027
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#### Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	21 May 2010	31 December 2024
Rollover and Revision	2	26 July 2018	31 December 2024
Review	3	25 August 2022	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 Hanga-Aro-Rau Manufacturing, Engineering and Logistics Workforce Development Council [qualifications@hangaarorau.nz](mailto:qualifications@hangaarorau.nz) if you wish to suggest changes to the content of this unit standard.