

Title	Identify defects in metal boats		
Level	6	Credits	6

Purpose	<p>People credited with this unit standard are able to identify defects in metal boats.</p> <p>This unit standard applies to the survey of existing boats.</p>
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Classification	Boating Industries > Marine Sales and Services
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Available grade	Achieved
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Guidance Information

- 1 Definitions

Hull refers to the structure of the boat, and all components permanently fastened to that structure.

Components refers to decks, cabins and all other timber and metal parts required for structural integrity.

Systems refers to plumbing, mechanical, electrical, electronic, deck hardware, sails, spars and rigging.
- 2 Range metal boats – steel or aluminium.
- 3 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, Maritime Transport Act 1994, Consumer Guarantees Act 1993, and any subsequent amendments.

Outcomes and performance criteria

Outcome 1

Identify defects in metal boats.

Performance criteria

- 1.1 Hull is inspected internally and externally to identify defects that do not meet regulatory and/or customer requirements.

Range inspection criteria – water tight, corrosion, surface coatings, erosion, fatigue cracks, damage, delamination, wear, welding defects, fastenings, adhesion, bonding.

- 1.2 Components are inspected to identify defects that do not meet regulatory and/or customer requirements.
- Range inspection criteria – water tight, corrosion, surface coatings, wear, ventilation, fatigue cracks, corrosion, welding defects.
- 1.3 Systems are inspected to identify defects that do not meet regulatory and/or customer requirements.
- Range inspection criteria – water tight, corrosion, surface coatings, systems type, wear, connections, routing, attachments.
- 1.4 Boats are inspected to identify deterioration in terms of age and condition.
- Range inspection criteria – water tight, timber deterioration, corrosion, surface coatings, ventilation, construction type, delamination and/or voiding, fastenings and/or bonding, damage.
- 1.5 Boats are inspected to ensure suitability for intended purpose.

This unit standard is expiring. Assessment against the standard must take place by the last date for assessment set out below.

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	27 August 1997	31 December 2022
Revision	2	21 March 2001	31 December 2022
Revision	3	16 April 2004	31 December 2022
Rollover	4	20 March 2009	31 December 2022
Rollover and Revision	5	31 May 2018	31 December 2022
Review	6	24 September 2020	31 December 2022

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>.