

Title	Anti-foul a boat		
Level	4	Credits	2

Purpose	People credited with this unit standard are able to: remove fouling from underwater areas; select preparation and coating methods and product range; and anti-foul a boat.
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Classification	Boating Industries > Boatbuilding
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Available grade	Achieved
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Guidance Information

- 1 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.
- 2 Evidence to meet the outcomes may be presented across the following contexts: substrates – new and previously-coated wood, fibre-reinforced composites, aluminium, steel, and combinations.
- 3 The preparation methods for surfaces should include a process of checking substrate integrity, repairing substrate, filling and fairing, sanding, undercoating.
- 4 All required equipment must be set up, started up, operated, and shutdown 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

Remove fouling from underwater areas.

Performance criteria

1.1 Selection of removal methods is matched with substrate and anti-fouling in current use.

Range removal methods – sanding, water blasting, paint stripping, burning off.

1.2 Specified surface is cleared completely of fouling.

1.3 Surface is cleared of imperfections and the substrate is unbroken.

Outcome 2

Select preparation and coating methods and product range.

Performance criteria

2.1 Methods and product range are matched with intended use, customer's requirements, and regulatory requirements.

Range intended use – operating environment, boat speed, amount of time stationary, water temperature.

2.2 Surface preparation and coating methods are matched with substrate, product range, and customer's requirements.

Range coating methods may include – brushing, rolling, spraying.

Outcome 3

Anti-foul a boat.

Range undercoat and antifoul.

Performance criteria

3.1 Antifoul is applied in accordance with manufacturer's specifications and workplace policies and procedures.

3.2 Protection is provided for areas not required to be coated.

3.3 Application techniques comply with manufacturer's specifications for dry film thickness.

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	27 August 1997	31 December 2019
Revision	2	9 October 1998	31 December 2019
Revision	3	20 March 2001	31 December 2019
Revision	4	16 April 2004	31 December 2019
Rollover and Revision	5	17 October 2008	31 December 2019
Review	6	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 if you wish to suggest changes to the content of this unit standard.