

Title	Demonstrate knowledge of abrasives and resources used in marine or composite painting		
Level	3	Credits	5

Purpose	People credited with this unit standard are able to, for marine or composite painting: explain the use of abrasive paper; and select abrasive paper and sanding equipment.
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Classification	Boating Industries > Boatbuilding
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Available grade	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 Substances and New Organisms Amendment Act 2015, and any subsequent amendment.
- 2 Definitions
Abrasive materials are either natural or synthetic.
Task requirements refer to compliance with product manufacturer usage recommendations, contract specifications, and workplace policies and procedures.

Outcomes and performance criteria

Outcome 1

Explain the use of abrasive paper and materials for marine or composite painting.

Performance criteria

- 1.1 Abrasive paper grading is explained in terms of grit type and grit size.
 Range glass, garnet, silicon carbide, aluminium oxide.
- 1.2 Abrasive materials are explained in terms of their sanding application and use.
 Range sanding applications include – substrate preparation, undercoats, fillers, and topcoats.

Outcome 2

Select abrasive paper and sanding equipment for marine or composite painting.

Range evidence of three different tasks is required.

Performance criteria

2.1 Abrasive paper and sanding equipment selection is made in accordance with task requirements.

Range candidate must select a different type of abrasive paper and sanding equipment for each task.

Planned review date	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Status information and last date for assessment for superseded versions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	14 December 2007	31 December 2017
Review	2	8 December 2016	31 December 2023
Review	3	26 August 2021	N/A

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>.

Comments on this unit standard

Please contact the NZ Marine and Composites ITO training@nzmarine.com if you wish to suggest changes to the content of this unit standard.