

<b>Title</b>	<b>Form coves, radiuses and detail on boats using filler</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>5</b>

<b>Purpose</b>	People credited with this unit standard are able to form: coves on boats using filler; radiuses on boat corners; and details on boats using filler.
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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, conduct, and worksite health and safety, and must meet the obligations required under the Health and Safety at Work Act 2015, Resource Management Act 1991, and any subsequent amendments.
- 2 Definitions  
*Job specifications* refer to plans and/or written definition of the cove and radiuses.  
*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

Form coves on boats using filler.

Range coving to compound shaped surfaces; joining in a corner.

#### Performance criteria

- 1.1 Cove radius and filler mix specifications are determined in accordance with job specifications.
- 1.2 Coving tool and clean-up knives are made or selected in accordance with the job specifications.
- 1.3 Surfaces to be coved are confirmed as fair and smooth in accordance with workplace policies and procedures.

- 1.4 Cove is formed in accordance with job specifications and workplace policies and procedures.

**Outcome 2**

Form radiuses on boat corners.

**Performance criteria**

- 2.1 Radiuses of external corners are established in accordance with the job specifications.
- 2.2 Appropriate forming tools are selected and set up in accordance with workplace policies and procedures.  
  
 Range tools may include – routers, rasps, sandpaper and blocks/boards, chisels, planes; evidence of three tools is required.
- 2.3 Corners to be formed into radiuses and adjoining surfaces are confirmed as fair in accordance with workplace policies and procedures.
- 2.4 Radiuses are formed in accordance with job specifications and workplace policies and procedures.

**Outcome 3**

Form details on boats using filler.

Range details may include – borders, hatch surrounds, chines, drains, aesthetic detail; evidence of three details on boats is required.

**Performance criteria**

- 3.1 Detail specification is determined in accordance with job specifications.
- 3.2 Method of creating detail is determined and set up in accordance with finished detail required.
- 3.3 Detail is formed in accordance with job specifications and workplace policies and procedures.

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<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	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

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.