

Title	Demonstrate knowledge of gelcoat application equipment		
Level	4	Credits	4

Purpose	People credited with this unit standard are able to demonstrate knowledge of gelcoat application equipment.
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Classification	Composites > Production Composites
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Available grade	Achieved
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Guidance information

None.

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of gelcoat application equipment.

Range air atomised siphon cup gun, air atomised gravity feed gun (popcorn gun), air atomised pressure pot, airless gun, air assist airless gun, high volume low pressure gun.

Performance criteria

- 1.1 Equipment types are explained comparatively in terms of advantages and disadvantages.
- 1.2 Equipment types are described in terms of suitability for different application requirements.
- 1.3 Setup and adjustment is explained for each type in accordance with application requirements.

Range catalyst ratio and delivery, gelcoat flow rate, gelcoat fan, pressure, gelcoat preparation, calibration methods.
- 1.4 Application techniques are explained according to equipment manufacturer's instructions.
- 1.5 Maintenance activities are explained according to equipment manufacturer's instructions.

- 1.6 Troubleshooting activities are explained according to equipment manufacturer's instructions.

Planned review date	31 December 2023
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	20 August 2010	31 December 2020
Review	2	26 July 2018	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 Industry Training Organisation training@nzmarine.com if you wish to suggest changes to the content of this unit standard.