

Title	Test a composite laminate		
Level	4	Credits	10

Purpose	People credited with this unit standard are able to prepare equipment for testing and test a composite laminate.
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Classification	Composites > Production Composites
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Available grade	Achieved
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Guidance information

1 Definitions

Product specification refers to the documented requirements of the manufactured item.

Test standard refers to documentation that sets out the requirements for testing the properties of a composite item.

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.

2 All workplace policies and procedures must meet recognised codes of practice such as the Code of Practice for Health and Safety in the Manufacture of Composites Based on Synthetic Resins (Fibreglass), 1998 and any subsequent amendments.

This code, and other relevant codes of practice, are available at

<https://worksafe.govt.nz/>.

Outcomes and performance criteria

Outcome 1

Prepare equipment for testing.

Performance criteria

1.1 Test standard is sourced and verified as matching product specification.

1.2 Test equipment is set up to match requirements of testing standard.

Outcome 2

Test a composite laminate.

Range weight, thickness.

Performance criteria

- 2.1 Ratios and cure time are determined in accordance with job specifications.
- 2.2 Testing of a composite laminate is carried out in accordance with test standard and workplace policies and procedures.
- 2.2 Data is recorded and reports are made in accordance with workplace policies and procedures.

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Status information and last date for assessment for superseded versions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	9 December 1994	31 December 2020
Revision	2	14 April 1997	31 December 2020
Revision	3	5 January 1999	31 December 2020
Review	4	26 September 2001	31 December 2020
Rollover and Revision	5	21 August 2009	31 December 2020
Review	6	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.