

Title	Produce a laminate specification for a composite product		
Level	6	Credits	12

Purpose	People credited with this unit standard are able to produce a laminate specification for a composite product.
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Classification	Composites > Specification and Design Composites
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Available grade	Achieved
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Guidance Information

1 Definitions

Process specification refers to the documented order and method of applying the materials to manufacture the item (time, materials, temperature, application rates).

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

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 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. This code, and other relevant codes of practice, are available at <https://composites.org.nz/>.

Outcomes and performance criteria

Outcome 1

Produce a laminate specification for a composite product.

Range may include but is not limited to – temperatures, chemicals, environment, and mechanical property requirements.

Performance criteria

- 1.1 Laminate specification is confirmed with client's product end use requirements.
- 1.2 Product design, safety hazards for components, and construction are determined in accordance with the code of practice and workplace policies and procedures.
- 1.3 Laminate parameters are confirmed with client.

- 1.4 Laminate materials are selected in accordance with the product specification, the code of practice, and workplace policies and procedures.
- 1.5 Laminate specification is produced in accordance with the composite product specification, the code of practice, and workplace policies and procedures.

Planned review date	31 December 2027
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Status information and last date for assessment for superseded versions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 2024
Revision	2	14 April 1997	31 December 2024
Revision	3	5 January 1999	31 December 2024
Review	4	26 September 2001	31 December 2024
Rollover and Revision	5	21 August 2009	31 December 2024
Review	6	25 August 2022	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 Hanga-Aro-Rau Manufacturing, Engineering and Logistics Workforce Development Council qualifications@hangaarorau.nz if you wish to suggest changes to the content of this unit standard.