

Title	Generate and apply corrective iterative strategies to prevent identified composite manufacturing product defects		
Level	5	Credits	15

Purpose	People credited with this unit standard are able to; identify and evaluate product defects, generate and explain corrective iterative strategies to address the manufacturing product defects, apply corrective iterative strategies, and evaluate and report new manufacturing changes, to prevent composite manufacturing product defects.
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Classification	Composites > Production Composites
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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 and Resource Management Act 1991, and any subsequent amendments.
- 2 Definitions
Product defects refers to the defects found in the composite product either during or after manufacture.
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.
- 3 Range – evidence of two different types of manufacturing product defects must be used.

Outcomes and performance criteria

Outcome 1

Identify and evaluate product defects.

Performance criteria

- 1.1 Manufacturing product defects are identified and reported in accordance with workplace policies and procedures.

- 1.2 Manufacturing product defects are evaluated to understand the true nature of the product defect.

Range may include but is not limited to – poor material, quality, negligence.

Outcome 2

Generate and explain corrective iterative strategies to address the manufacturing product defects.

Performance criteria

- 2.1 Identify and generate the corrective iterative strategies needed to address the manufacturing product defects.
- 2.2 Explain how the chosen strategies identified relate to the manufacturing product defects.

Outcome 3

Apply corrective iterative strategies.

Performance criteria

- 3.1 Corrective iterative strategies chosen are applied to the manufacturing product defects.
- 3.2 Corrective iterative strategies applied to the manufacturing product defects are recorded and reported in line with workplace policies and procedures.

Outcome 4

Evaluate and report new manufacturing changes.

Performance criteria

- 4.1 Manufacturing changes are evaluated and reported in accordance with 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	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.