

Title	Generate and apply corrective iterative strategies to prevent identified operational composite process faults		
Level	5	Credits	15

Purpose	People credited with this unit standard are able to: identify and evaluate operational process faults, generate and explain corrective iterative strategies to address the operational process faults, apply corrective iterative strategies, evaluate and report new operational process changes, in composite manufacturing.
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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
Operational processes refers to the problems or faults in the composite manufacturing systems, skill levels, knowledge and expertise.
Process faults refers to the problems that may occur within the composite operational processes.
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 operational process faults must be used.

Outcomes and performance criteria

Outcome 1

Identify and evaluate operational process faults

Performance criteria

- 1.1 Operational process faults are identified and documented in accordance with workplace policies and procedures.

- 1.2 Operational process faults are evaluated to extract detail and opportunities for improvement.

Outcome 2

Generate and explain corrective iterative strategies to address the operational process faults.

Performance criteria

- 2.1 Identify and generate the corrective iterative strategies needed to address the operational process faults.
- 2.2 Explain why how the chosen strategies identified relate to the operational process faults.

Outcome 3

Apply corrective iterative strategies.

Performance criteria

- 3.1 Corrective iterative strategies chosen are applied to the operational process faults.
- 3.2 Corrective iterative strategies applied to the operational process faults are recorded and reported in line with workplace policies and procedures.

Outcome 4

Evaluate and report new operational process changes.

Performance criteria

- 4.1 Operational process 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.