

<b>Title</b>	<b>Describe a systematic fault finding and rectifying fault process in a dairy processing operation</b>		
<b>Level</b>	<b>4</b>	<b>Credits</b>	<b>10</b>

<b>Purpose</b>	People credited with this unit standard are able to describe: the systematic collection of evidence to identify symptoms of a fault; the systematic approach to fault location; and, procedures to follow to ensure a fault is rectified, in a dairy processing operation.
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<b>Classification</b>	Dairy Processing > Dairy Processing - Core Skills
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<b>Available grade</b>	Achieved
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### Guidance Information

- 1 Legislation relevant to this unit standard includes but is not limited to:
  - Health and Safety at Work Act 2015.
- 2 Definition  
*Fault* refers to mechanical, electrical, automotive and instrumentation faults.

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### Outcomes and performance criteria

#### Outcome 1

Describe the systematic collection of evidence to identify symptoms of a fault in a dairy processing operation.

#### Performance criteria

- 1.1 Describe systematic collection of evidence in terms of the five-step approach to fault finding.
 

Range collect evidence, analyse evidence, locate the fault, rectify the fault, check the system.
- 1.2 Describe systematic collection of evidence in terms of identifying a symptom as a sign which can help in locating a fault.

- 1.3 Describe systematic collection of evidence in terms of the sources of evidence used to help in locating a fault.

Range sources of evidence include but are not limited to – the five human senses, colleagues, questioning techniques, examining (careful inspection), records, manuals, testing equipment; evidence of four sources is required.

## Outcome 2

Describe the systematic approach to fault location in a dairy processing operation.

### Performance criteria

- 2.1 Describe systematic approach to fault location in terms of the difference between a symptom and a cause.
- 2.2 Describe systematic approach to fault location in terms of common aids to fault location and application in fault locations.

Range common aids include but are not limited to – manufacturer's manuals, symptom fault charts, process and electrical drawings, static and dynamic visual display schematics, maintenance records; evidence of four common aids is required.

## Outcome 3

Describe procedures to follow to ensure a fault is rectified in a dairy processing operation.

### Performance criteria

- 3.1 Describe procedures to follow to ensure a fault is rectified in terms of personnel to be notified, channels of communication, nature of fault and details to be recorded.
- 3.2 Describe procedures to follow to ensure a fault is rectified in terms of process re-start checks required in response to fault effects and rectification.

<b>Planned review date</b>	31 December 2025
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### Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	10 December 2020	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	0022
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

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**Comments on this unit standard**

Please contact the Primary Industry Training Organisation [standards@primaryito.ac.nz](mailto:standards@primaryito.ac.nz) if you wish to suggest changes to the content of this unit standard.