

Title	Coordinate investigations to identify operating faults, and determine remedies in a dairy processing operation		
Level	4	Credits	30

Purpose	People credited with this unit standard are able to coordinate: the collection and analysis of evidence to identify symptoms of an operating fault; a systematic approach to identify the root cause of an operating fault; and, a systematic approach to determine operating fault remedies, in a dairy processing operation.
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Classification	Dairy Processing > Dairy Processing - Core Skills
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Available grade	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 Definitions

Collection and analysis of evidence refers sources of evidence such as using the five human senses, colleagues, questioning techniques, examining (careful inspection), records, manuals, testing equipment.

Common aids refer to manufacturer's manuals, symptom fault charts, process and electrical drawings, static and dynamic visual display schematics, maintenance records.

Fault refers to mechanical, electrical, automotive and instrumentation faults.

Investigations refer to the collection and analysis of evidence to identify a fault, use of common aids to identify root cause of a fault, and follow procedures to rectify a fault.

Organisational requirements refer to instructions to staff on policy and procedures which are documented in memo or manual format and are available in the workplace. These requirements include but are not limited to – site specific requirements, manufacturer's specifications, product quality specifications, and legislative requirements.

Systematic approach refers to an analysis method to identify the root cause of an operating fault and determine remedies.
- 3 The learner must coordinate three investigations to identify root causes of operating faults, determine remedies and report findings.
- 4 For the purposes of assessment:
 - evidence for the practical components of this unit standard must be supplied from the workplace.

- evidence for all outcomes must be presented in accordance with organisational requirements.

Outcomes and performance criteria

Outcome 1

Coordinate the collection and analysis of evidence to identify symptoms of an operating fault in a dairy processing operation.

Performance criteria

- 1.1 Collect evidence of operating processes functioning outside normal operating parameters.
- 1.2 Analyse the evidence to identify symptoms of an operating fault.

Outcome 2

Coordinate a systematic approach to identify the root cause of an operating fault in a dairy processing operation.

Performance criteria

- 2.1 Use common aids to identify fault location.
- 2.2 Apply a systematic approach to determine the root cause of an operating fault.

Outcome 3

Coordinate a systematic approach to determine operating fault remedies in a dairy processing operation.

Performance criteria

- 3.1 Follow procedures to ensure relevant personnel responsible for fault rectification are notified.
- 3.2 Apply a re-start check to ensure a fault is rectified.
- 3.3 Record the nature of the fault and details of fault remedy.

Planned review date	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

Consent and Moderation Requirements (CMR) reference	0022
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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 Primary Industry Training Organisation standards@primaryito.ac.nz if you wish to suggest changes to the content of this unit standard.