

Title	Manage plant operations in a primary products food processing operation		
Level	5	Credits	10

Purpose	<p>This unit standard is for senior operators, supervisors or line managers in the primary products food processing sector who are required to manage plant operations for their work area.</p> <p>People credited with this unit standard are able to: identify and analyse the relationships between the key processes and explain corrective action to maintain operating requirements; maintain required operations by monitoring and adjusting processes and resources to meet requirements and product specifications; and restore required process conditions in the event of significant deviation from operating requirements, in a primary products food processing operation.</p>
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Classification	Primary Products Food Processing > Primary Products Food Processing - Operational Skills
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Available grade	Achieved
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Explanatory notes

- 1 Legislation relevant to this unit standard includes but is not limited to – Health and Safety in Employment Act 1992, Hazardous Substances and New Organisms Act 1996, Resource Management Act 1991.
- 2 Definitions
 - Critical operating requirements* – operating requirements that are critical to food safety and the safety of personnel.
 - Organisational requirements* – instructions to staff on policies and procedures which are documented in memo, electronic or manual format and are available in the workplace.
 - Key processes* – are processes under the candidate’s responsibility, and includes the downstream and upstream processes within their product mix.
- 3 Evidence for the practical components of this unit standard must be supplied from the workplace.

Outcomes and evidence requirements

Outcome 1

Identify and analyse the relationships between the key processes and explain corrective action to maintain operating requirements.

Evidence requirements

- 1.1 Key processes for a primary products food processing operation are identified in terms of method, machinery and materials in accordance with organisational requirements.
- 1.2 Critical operating requirements for each process are described in accordance with organisational requirements.
- 1.3 Consequences of deviation from each of the critical operating requirements are analysed and explained in accordance with organisational requirements.
- Range consequences include but are not limited to – each individual process, the process as a whole.
- 1.4 Corrective actions to take in the event of deviations from each of the critical operating requirements are analysed and explained in accordance with organisational requirements.
- 1.5 Common causes of deviation from operational requirements are analysed and remedial actions are explained in accordance with organisational requirements.
- Range evidence is required of two analyses of common causes and their remedial actions.
- 1.6 Circumstances in which emergency procedures should be initiated are explained in accordance with organisational requirements.

Outcome 2

Maintain operations by monitoring and adjusting processes and resources to meet requirements and product specifications..

Evidence requirements

- 2.1 Process data is obtained at scheduled times and recorded in accordance with organisational requirements.
- 2.2 Personnel are supervised to ensure procedures are complied with in accordance with organisational requirements.
- 2.3 Product is monitored to ensure it is in accordance with product specifications.

- 2.4 Early signs towards deviations are analysed and actions taken to avoid deviations from stated requirements in accordance with organisational requirements.
- 2.5 Corrective action is taken in the event of deviations from critical operating requirements, product specifications or stated requirements in accordance with organisational requirements.
- 2.6 Actions are recorded in accordance with organisational requirements.

Outcome 3

Restore required process conditions in the event of significant deviation from operating requirements .

Evidence requirements

- 3.1 Possible faults and causes are identified by considering process information in accordance with organisational requirements.
- 3.2 Possible faults and causes are investigated in accordance with organisational requirements.
- 3.3 Problems which cannot be remedied within the candidate’s authority are identified and reported in accordance with organisational requirements.
- 3.4 Normal process conditions are restored as soon as possible and without compromising safety standards in accordance with organisational requirements.

Range safety standards include but are not limited to – food safety, environmental safety, occupational health and safety.
- 3.5 Actions taken are communicated and recorded in accordance with organisational requirements.

Planned review date	31 December 2020
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	18 June 2015	N/A

Consent and Moderation Requirements (CMR) reference	0033
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Please note

Providers must be granted consent to assess against standards (accredited) by NZQA, before they can report credits from assessment against unit standards or deliver courses of study leading to that assessment.

Industry Training Organisations must be granted consent to assess against standards by NZQA before they can register credits from assessment against unit standards.

Providers and Industry Training Organisations, which have been granted consent and which are assessing against unit standards must engage with the moderation system that applies to those standards.

Requirements for consent to assess and an outline of the moderation system that applies to this standard are outlined in the Consent and Moderation Requirements (CMRs). The CMR also includes useful information about special requirements for organisations wishing to develop education and training programmes, such as minimum qualifications for tutors and assessors, and special resource requirements.

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.