

<b>Title</b>	<b>Operate environmental systems equipment in a primary products food processing operation</b>		
<b>Level</b>	<b>4</b>	<b>Credits</b>	<b>10</b>

<b>Purpose</b>	<p>This unit standard is for experienced people who are responsible for operating environmental systems equipment in a primary products food processing operation.</p> <p>People credited with this unit standard are able to: demonstrate knowledge of environmental systems equipment; operate environmental systems equipment; and conduct routine maintenance of environmental systems equipment, used in a primary products food processing operation.</p>
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<b>Classification</b>	Primary Products Food Processing > Primary Products Food Processing - Operational Skills
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<b>Available grade</b>	Achieved
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**Explanatory notes**

- 1 Definitions
 

*Organisational requirements* – instructions to staff on policies and procedures which are documented in memo, electronic or manual format and are available in the workplace.

*Routine maintenance* may include but is not limited to – servicing, adjustments, and repairs to equipment and must be conducted within product safety and work permit requirements.
2. *Environmental systems equipment* may include but is not limited to – biological wastewater treatment plants, dissolved air filtration (DAF) plants land based wastewater treatment equipment and irrigation equipment
3. *Legislation relevant to this unit standard includes but is not limited to – Health and Safety in Employment Act 1992, Health and Safety in Employment Regulations 1995,*
- 4 Evidence for the practical components of this unit standard must be supplied from the workplace.

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## Outcomes and evidence requirements

### Outcome 1

Demonstrate knowledge of environmental systems equipment used in a primary products food processing operation.

#### Evidence requirements

1.1 Environmental systems equipment used in a primary products food processing operation is identified and described in terms of its type and function.

Range evidence is required of three different types of environmental systems equipment.

1.2 Safety issues related to the use of environmental systems equipment are identified and described in terms of organisational requirements.

Range evidence is required of three different safety issues.

1.3 Roles of individuals using environmental systems equipment is described in terms of responsibilities and accountabilities.

Range evidence is required of two different roles.

### Outcome 2

Operate environmental systems equipment in a primary products food processing operation.

#### Evidence requirements

2.1 Personal protective equipment used for operating environmental systems equipment is worn in accordance with legislative and organisational requirements.

2.2 Any hazards are identified and isolated, minimised or eliminated in accordance with legislative and organisational requirements.

2.3 Environmental systems equipment is operated in accordance with manufacturing specifications and organisational requirements.

### Outcome 3

Conduct routine maintenance of environmental systems equipment in a primary products food processing operation.

#### Evidence requirements

3.1 Visual checks are made of equipment to detect signs of faults and damage in accordance with organisational requirements.

- 3.2 Any identified faults or damage are recorded and reported in accordance with organisational requirements.
- 3.3 Maintenance schedule is implemented in accordance with organisational requirements.
- 3.4 Equipment is maintained and returned to operating order in accordance with organisational requirements.
- 3.5 Maintenance documentation is completed in accordance with organisational requirements.

<b>Planned review date</b>	31 December 2020
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#### Last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	17 September 2015	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	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](mailto:standards@primaryito.ac.nz) if you wish to suggest changes to the content of this unit standard.