

Title	Manage the planning, operation and maintenance of an irrigation system		
Level	4	Credits	25

Purpose	People credited with this unit standard are able to: develop a site-specific operation and maintenance plan for an irrigation system; and manage the operation and maintenance of an irrigation system.
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Classification	Water Industry > Irrigation
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Available grade	Achieved
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Guidance Information

- 1 Legislation and the policy statement relevant to this unit standard include but are not limited to:
 - Building Act 2004;
 - Health and Safety at Work Act 2015;
 - Resource Management Act 1991;
 - National Policy Statement for Freshwater Management 2014; and any subsequent amendments.

- 2 For the purposes of assessment:
 - evidence for this unit standard must be performed on two separate commercial irrigation systems.
 - the irrigation system performance assessment is for an agricultural or horticultural property, sports turf, or public ground.
 - evidence for all outcomes must be presented in accordance with New Zealand Piped Irrigation System Performance Assessment Code of Practice; New Zealand Water Measurement Code of Practice; and Irrigation New Zealand Technical Glossary; available from the Irrigation New Zealand website, <http://irrigationnz.co.nz/>.

Outcomes and performance criteria

Outcome 1

Develop a site-specific operation and maintenance plan for an irrigation system.

Performance criteria

- 1.1 Develop procedures to operate an irrigation system on a specific site.
- Range procedures may include but are not limited to – health and safety, start up, shut down, reporting and other operational steps.
- 1.2 Develop a routine maintenance schedule for the operation of an irrigation system.

Outcome 2

Manage the operation and maintenance of an irrigation system.

Performance criteria

- 2.1 Confirm pre-season checks and system calibration are carried out and recorded.
- 2.2 Confirm operational tasks and maintenance on the irrigation system are carried out and recorded.
- 2.3 Record and report irrigation activities to meet compliance.
- Range irrigation activities include – irrigation events, maintenance activities, and incident reports.

Planned review date	31 December 2024
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	20 August 2015	31 December 2022
Review	2	27 February 2020	N/A

Consent and Moderation Requirements (CMR) reference	0179
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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.