



Australian Government

Assessment Requirements for NWPIRR006 Develop and review an irrigation system plan

Release: 1

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Modification History

Release 1. This is the first release of this unit of competency in the NWP National Water Training Package.

Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all the requirements of the elements and performance criteria on at least one occasion and includes:

- assessing environmental impacts
- conducting investigations
- consulting and communicating with stakeholders and customers
- determining and interpreting water quantity and quality requirements
- developing and reviewing the operation and maintenance of irrigation systems
- developing effective irrigation system plans addressing the organisation's objectives and requirements
- gathering, interpreting and synthesising information for incorporating into the irrigation system plan including:
 - customer flow rates and usage
 - delivery performance
 - historical system capacity data
 - key indicators
 - stakeholder requirements
- interpreting and applying legislation, standards and policies
- preparing reports and recommendations for changes to the objectives of the plan
- reviewing the implementation and development plan
- using data from monitoring arrangements to track performance of the irrigation system plan

Knowledge Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all the requirements of the elements and performance criteria and includes knowledge of:

- customer and stakeholder expectations and requirements
- irrigation operations and maintenance activities
- legislation and regulations including:
 - channel, pipe and pump
 - customer entitlements

- flow rates
- relevant workplace policies and procedures associated with irrigation system plans
- water quantity and quality requirements including release and flow rates
- water requirements for irrigated cultures within the system

Assessment Conditions

Assessors must hold credentials specified within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must satisfy the Principles of Assessment and Rules of Evidence and all regulatory requirements included within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must occur in suitable workplace operational situations. Where this is not appropriate, assessment must occur in suitable simulated workplace operational situations reflecting actual workplace conditions.

Assessment processes and techniques must be appropriate to the language, literacy and numeracy requirements of the work being performed and the needs of the candidate.

Resources for assessment must include access to:

- relevant and appropriate materials, tools, facilities, equipment and personal protective equipment currently used in industry
- applicable relevant documentation including workplace procedures, industry standards, equipment specifications, regulations, codes of practice and operation manuals.

Links

Companion Volume Implementation Guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=26336bc0-04e5-49d9-8c31-46c49b6a0037>