



Australian Government

Assessment Requirements for NWPIRR008 Implement and coordinate an irrigation delivery system plan

Release: 1

Assessment Requirements for NWPIRR008 Implement and coordinate an irrigation delivery system plan

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:

- applying ratios to evaluate maintenance budgets, activity programs and output targets
- calculating timelines for implementation activities
- evaluating delivery of water to customers including:
 - flow rates
 - timelines
 - volume
- gathering, interpreting and synthesising information to underpin the implementation of the irrigation delivery system plan including:
 - agreed service standards
 - current legislation, regulatory requirements and industry standards
 - historical data
 - results of irrigation system testing and monitoring
 - stakeholder requirements
- interpreting numerical data to control and measure delivery of water to customers
- monitoring and evaluating the outcomes of the irrigation delivery system plan
- performing the activities associated with the implementation and management of the operation and maintenance of irrigation delivery systems
- planning and implementing testing processes and programs
- preparing reports and recommendations for future action
- providing advice and communicating with stakeholders and customers

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:

- agreed service standards
- irrigation system limitations
- irrigation system performance measures including:

- quality
- quantity
- release and flow rates
- monitoring and performance procedures
- operation and interlinks of total system network
- operational and maintenance problems
- relevant legislation, regulations, policies and workplace procedures associated with irrigation delivery systems
- stakeholder communication and consultation techniques

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>