



Australian Government

Assessment Requirements for NWPIWS008 Monitor and conduct maintenance on rural irrigation assets

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:

- collecting and recording data on asset performance
- collecting and recording information on equipment performance
- conducting a risk assessment and identifying control measures
- conducting routine maintenance tasks and securing assets and equipment
- identifying and reporting on asset performance
- identifying and reporting operational problems
- inspecting rural irrigation assets and equipment
- interpreting plans and instructions
- interpreting policies, procedures and standards
- producing reports
- selecting appropriate equipment and tools, including personal protective equipment

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:

- data collection and recording
- effects of weather and conditions on maintenance and assets
- equipment operation, capacity and limitations
- flow measurement procedures
- ground structure
- irrigation asset and equipment performance parameters
- lock out procedures
- relevant utilities and service bodies
- relevant legislation, regulations and workplace procedures
- risk factors, and potential hazards and control measures
- system hydraulics
- system layout

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 workplace operational situations where it is appropriate to do so; where this is not appropriate, assessment must occur in simulated workplace operational situations that replicate 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, equipment and personal protective equipment currently used in industry
- applicable documentation including legislation, regulations, codes of practice, workplace procedures 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>

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