



**Australian Government**

**Assessment Requirements for NWPIWS013  
Coordinate and monitor pumped rural  
irrigation systems**

**Release: 1**

# Assessment Requirements for NWPIWS013 Coordinate and monitor pumped rural irrigation systems

## 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:

- accessing and analysing data, completing records and producing reports
- assessing environmental impact
- conducting or supervising asset monitoring and testing programs
- conducting or supervising testing and monitoring of water usage and water quality
- conducting site inspections
- consulting with stakeholders
- coordinating and monitoring the operation of irrigation water systems
- coordinating measuring and testing activities
- coordinating processes to meet targets and optimise system performance
- identifying irrigation water system performance measures from the irrigation plan
- identifying water flow, quality and quantity requirements and any environmental factors that may affect these

## 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 include knowledge of:

- environmental, climatic and weather characteristics and impacts
- hydraulic analysis
- irrigation water systems
- relevant legislation and workplace policies and procedures
- requirements for monitoring and testing programs
- stakeholder expectations and requirements

## 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>