



Australian Government

**Assessment Requirements for NWPIWS005
Maintain and repair irrigation channels
and drains**

Release: 1

Assessment Requirements for NWPIWS005 Maintain and repair irrigation channels and drains

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:

- completing reports
- following plans and instructions
- identifying and responding to operational problems
- inserting dewatering barrier
- inspecting irrigation drains and channels and identifying faults
- performing maintenance and repair tasks
- performing work related calculations
- planning and preparing worksite
- using tools and machinery

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:

- effects of weather and conditions on site or plant
- environmental aspects of maintenance
- landscape and ground structure of work area
- maintenance and repair control systems
- maintenance and repair processes
- maintenance of channels and drains includes:
 - access tracks
 - erosion repair
 - removal of blockages
 - removal of flow obstructions
 - removal of silt
 - removal of trees
 - removal of vegetation
- recording and reporting systems

- relevant legislation, regulations and workplace procedures
- repairs include:
 - erosion
 - leaks
- risk factors and potential hazards of maintenance processes
- work related calculations

Assessment Conditions

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>

Companion Volume implementation guides are found in VETNet -

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

Companion Volume implementation guides are found in VETNet -

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