



**Australian Government**

# **Assessment Requirements for NWPIRR005 Develop and review a surface water 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:

- developing and reviewing a surface water plan to ensure environmental considerations are met and source of supply is maintained
- developing effective surface water plans addressing the water organisation's objectives and requirements
- gathering, interpreting and synthesising information including:
  - historical data
  - monitoring and testing results
  - relevant legislation, industry standards and workplace procedures
  - stakeholder requirements
- identifying and interpreting environmental factors
- identifying hazards, assessing risks and implementing control measures associated with surface water flow requirements
- preparing reports and recommendations for changes to the objectives of the surface water plan and its implementation
- reviewing the implementation and development plan
- reading and interpreting complex data and performing complex calculations to track and manage performance of surface water
- using data from testing and other monitoring arrangements to track the performance of the surface water plan and inform the review of the 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:

- climatic and weather characteristics and impacts
- changes to water flow and levels over time
- complex calculations
- hydraulic analysis
- physical assets associated with surface water management

- public and government reporting requirements
- relevant legislation, regulations, industry standards and workplace procedures relating to surface water
- relevant water data including:
  - flow
  - quality and quantity requirements
  - release figures
- rights of water authority control and management procedures
- risk management principles
- stakeholder requirements and rights associated with managing surface water
- surface water sources

## 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>