



Australian Government

Assessment Requirements for NWPSOU006 Develop and manage a flood 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:

- analysing and developing flood mitigation warning systems and strategies
- analysing, interpreting and modelling flood data
- assessing and recording a flood event
- communicating flood planning findings with stakeholders and relevant persons
- developing a flood plan including:
 - documenting an implementation plan
 - identifying plan components and activities for completion
 - specifying environmental requirements
- developing critical flood warning systems
- developing strategies to mitigate the impact of potential future floods
- identifying and interpreting storage asset specifications

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:

- catchment hydrology principles including the roles of:
 - retarding basins
 - safety and flood attenuation strategies
 - water storage
- current flood classifications and flood warning systems
- performance measures for flood operations
- relevant documentation associated with developing and managing a flood plan including:
 - industry standards
 - workplace procedures
- relevant legislation and regulatory requirements associated with developing and managing a flood plan including:
 - by-laws

- environmental legislation
- work health and safety (WHS) legislation
- planning schemes
- storage asset specifications
- water flow measurement and flow routing models

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>