



Australian Government

Assessment Requirements for NWPNET008 Develop and manage a drinking water system 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:

- advising and guiding plan users in compliance with regulatory requirements
- assessing environmental impacts
- assessing impacts on public health
- consulting and communicating with stakeholders and customers
- coordinating measuring and testing activities
- coordinating operation and maintenance activities
- evaluating delivery of water to customers
- identifying and recording links between operational problems and maintenance activities
- identifying deviations of water quality, quantity and pressure using testing methods
- identifying hazards, assessing risks and implementing control measures
- identifying, interpreting and synthesising information for implementing activities for the drinking water plan including:
 - developing an implementation plan
 - historical data
 - pressure and flow rates
 - relevant legislation, industry standards and workplace policies
 - stakeholder requirements
 - raw water supply availability
 - results of drinking water system testing and monitoring
 - reviewing plan objectives
 - water quality and quantity
- managing maintenance budgets and reporting deviations
- monitoring and evaluating the outcomes of the drinking water system plan
- planning and implementing testing processes and programs
- performing investigations and reporting deviations
- preparing reports and recommendations for future action
- using analytical skills

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:

- budgeting techniques
- constraints impacting water system
- customer and stakeholder expectations and requirements
- drinking water distribution system
- investigation techniques
- measure and test procedures
- relevant legislation associated with drinking water including:
 - environmental legislation
 - public health of drinking water
 - work health and safety (WHS)
- relevant workplace policies and procedures
- risk management principles
- water performance measures
- water system historical information

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>