



Australian Government

Assessment Requirements for NWPTRT004 Develop and manage a water treatment 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
- analysing and interpreting test results
- assessing public health impacts
- assessing environmental impacts
- conducting investigations
- coordinating measuring and testing activities
- identifying and reporting on deviations to the water treatment plan
- identifying hazards, assessing risks and implementing control measures
- identifying, interpreting and synthesising information for developing and managing a water treatment plan including:
 - historical data
 - industry standards
 - maintenance activities and costs
 - plan objectives
 - relevant legislation
 - results of treatment testing and monitoring
 - stakeholder requirements
 - water quality and quantity
- monitoring and evaluating the outcomes of treatment processes
- planning and implementing testing processes and programs
- preparing reports and recommendations for future action
- using complex mathematical and scientific techniques to interpret test results

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:

- appropriate measuring and testing procedures

- budgeting techniques
- investigation procedures
- relevant legislation, regulations, industry standards and workplace procedures
- relevant workplace documentation
- risk management principles
- stakeholder requirements
- water collection 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>