



Australian Government

Assessment Requirements for NWPNET030

Identify and respond to water quality problems

Release: 1

Assessment Requirements for NWPNET030 Identify and respond to water quality problems

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:

- collecting, analysing and reporting system data
- collecting and recording water quality data
- collecting, labelling and recording samples
- completing incident reports and other relevant documentation
- identifying and communicating with customers and stakeholders
- identifying and investigating water quality problems and causes
- identifying and reporting process faults
- producing reports
- using safety equipment and personal protective equipment

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:

- causes of water quality deterioration
- communication techniques
- customer and stakeholder requirements
- environmental impact assessments
- incident management procedures
- relevant legislation, regulations and workplace procedures
- risk management principles
- sampling and testing procedures
- water quality including:
 - characteristics
 - issues
 - potential hazards
 - primary agencies
 - risk factors

- specifications
- water system standards including:
 - environmental aspects and management procedures
 - infrastructure
 - layout
 - operation
 - pipes and fittings
 - processes
 - pumping and valving systems

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 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>

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