



Australian Government

Assessment Requirements for NWPNET013

Identify and respond to water problems

Release: 1

Assessment Requirements for NWPNET013 Identify and respond to water problems

Modification History

Release	Comments
1	<p>These Assessment Requirements were released in NWP Water Training Package release 1.0 and meet the Standards for Training Packages.</p> <ul style="list-style-type: none">• Assessment Requirements created drawing upon specified assessment information from superseded unit

Performance Evidence

Evidence required to demonstrate competence must satisfy all of the requirements of the elements and performance criteria. If not otherwise specified the candidate must demonstrate evidence of performance of the following on at least one occasion.

- identifying and investigating water quality problems
- accessing, interpreting and applying relevant organisational and legislative requirements
- undertaking sampling and testing procedures
- producing reports and logs
- using safety equipment and personal protective equipment
- investigating types of contamination
- interpreting plans, service diagrams, topographic plans, charts and specifications
- monitoring inflows
- identifying control system faults
- monitoring characteristics of water quality
- collecting samples
- collecting and recording water quality data
- completing incident reports and other relevant documentation

Knowledge Evidence

Evidence required to demonstrate competence must satisfy all of the requirements of the elements and performance criteria. If not otherwise specified the depth of knowledge demonstrated must be appropriate to the job context of the candidate.

- relevant legislative requirements and responsibilities
- relevant procedures
- established environmental management procedures

- environmental impact assessment
- primary agencies involved in drinking water quality management
- water quality standards and issues
- causes of water quality deterioration
- system hydraulics
- incident management processes
- system processes, operation, layout
- water quality specifications
- environmental aspects of water systems and infrastructure
- relevant utilities and service bodies
- communication systems
- risk management principles
- risk factors and potential hazards involved in water systems
- equipment operation, capacity and limitations
- pipes and fittings
- pumping and valving systems control systems
- forces including gravitational, valve operation, hydraulic and pumps

Assessment Conditions

Competency should be assessed in an actual workplace or in a simulated environment, with access to equipment and infrastructure appropriate to the outcome. Competency should be demonstrated over time to ensure the candidate is assessed across a variety of situations.

Assessors must satisfy the NVR/AQTF mandatory competency requirements for assessors.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=26336bc0-04e5-49d9-8c31-46c49b6a0037>

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