



Australian Government

Assessment Requirements for NWPNET044 Test and commission water distribution systems

Release: 1

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Modification History

Release	Comments
1	These Assessment Requirements were released in NWP Water Training Package release 1.0 and meet the Standards for Training Packages. • Assessment Requirements created drawing upon specified assessment information from superseded unit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. The candidate must be assessed using one or more cleaning techniques listed in the Range of Conditions. If not otherwise specified the candidate must demonstrate evidence of performance of the following on at least one occasion.

- interpreting and applying a range of technical documents
- conducting test procedures
- monitoring work processes and ensuring safe work practices
- testing pipes
- identifying system faults
- testing and commissioning water distribution systems
- planning the testing of water distribution systems
- identifying and analysing system requirements
- identifying and addressing hazards
- using suitable protective equipment
- maintaining the quality of water in the system
- commissioning the distribution system
- restoring worksite and equipment
- completing required reports and records

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.

- general WHS on work sites

- the risk factors and potential hazards of test procedures
- water hygiene and system disinfection requirements
- equipment operation
- environmental aspects of test procedures
- characteristics of pipes, materials and fittings
- an overview of the water distribution system and water industry operations
- relevant definitions, terminology, symbols and language
- testing methods used for water distribution systems

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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