



Australian Government

Assessment Requirements for NWPNET004 Monitor and operate network systems

Release: 1

Assessment Requirements for NWPNET004 Monitor and operate network systems

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.

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 responding to operational problems
- collecting data
- producing reports and logs
- using tools and machinery
- following plans, charts and instructions
- performing work-related calculations
- installing and operating a stand pipe or fire plug
- recording water losses
- identifying system faults
- identifying hazards
- implementing remedial action to maintain supply
- operating reticulation and distribution systems
- identifying conditions of system
- preparing work site
- monitoring system performance and usage
- monitoring and diverting flow
- monitoring and regulating pressure
- collecting samples

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.

- impact of the principles of hydraulics on the operation of flows

- system layout and performance
- standard operating procedures
- water hammer
- water quality and disinfection requirements
- environmental aspects of operation
- electrical safety for disconnecting and changing meters and fittings
- lock out procedures for mechanical and electrical installations
- risk factors and potential hazards of operating water distribution systems
- conditions for connection to live water mains
- equipment operation, capacity and limitations
- effects of weather and conditions on systems, site or plant
- control systems
- water pumping stations and reservoirs

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>

Companion Volume implementation guides are found in VETNet -

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

Companion Volume implementation guides are found in VETNet -

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

Companion Volume implementation guides are found in VETNet -

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