



Australian Government

Assessment Requirements for NWPNET025

Coordinate and manage maintenance and repair of network assets

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 Assessment Requirements created drawing upon specified assessment information from superseded unit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. If not otherwise specified the candidate must demonstrate evidence of performance of the following on at least one occasion.

- identifying and solving operational problems
- undertaking calculations
- determining work requirements
- monitoring system operations and processes
- producing reports and logs
- using safety equipment and personal protective equipment
- interpreting plans and instructions
- interpreting the organisation's policies, standard operating procedures and standards for monitoring and maintenance of assets
- calculating water pressures and flows
- conducting operational and maintenance inspections
- monitoring fault reports
- collecting and analysing operational and mechanical data
- identifying and assessing work methods effectiveness
- planning investigations and repairs
- developing repair procedures
- assessing risks and specifying preventive methods
- selecting equipment, materials, prefabricated components and fittings

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.

- environmental aspects of water distribution systems and infrastructure
- WHS procedures
- lock out procedures for mechanical and electrical installations
- cleaning and protection of assets
- policies and standard operating procedures for monitoring and maintenance of assets
- relevant utilities and service bodies
- communication systems
- environment, landscape and ground structure of work area
- risk factors and potential hazards involved with water pressures and flows
- equipment operation, capacity and limitations
- effects of weather and conditions on operation of supply infrastructure
- system pipes and fittings
- pumping and valving systems
- system layout, process, operation
- gravity systems
- control 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.gov.au/Pages/TrainingDocs.aspx?q=26336bc0-04e5-49d9-8c31-46c49b6a0037>

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