



**Australian Government**

# **Assessment Requirements for NWPNET055 Coordinate and manage maintenance and repair of network assets**

**Release: 1**

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## **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:

- assessing risks and specifying control methods
- collecting and analysing operational data
- conducting operational and maintenance inspections
- determining work requirements
- developing plans and instructions
- developing repair procedures
- identifying and assessing work methods effectiveness and efficiencies
- identifying improvement and solving operational problems
- interpreting organisational policies, procedures and standards for monitoring and maintenance of assets
- monitoring fault reports
- monitoring system operations and processes
- planning investigations and repairs
- producing reports
- selecting equipment, materials, prefabricated components and fittings
- 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 include knowledge of:

- cleaning and protection of assets
- communication methods and systems
- control systems
- effects of weather and conditions on operation of supply infrastructure
- environment, landscape and ground structure of work area
- environmental aspects of distribution systems and infrastructure
- equipment operation, capacity and limitations

- lock out procedures for mechanical, electrical and hydraulic installations
- policies and standard operating procedures for monitoring and maintenance of assets
- relevant legislation
- relevant utilities and service bodies
- risk factors and potential hazards involved with water pressures and flows
- system layout, process, operation
- work, health and safety (WHS) procedures
- workplace records and reports

## 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>