



Australian Government

NWPNET039 Maintain and repair network assets for drinking water

Release: 1

NWPNET039 Maintain and repair network assets for drinking water

Modification History

Release 1. This is the first release of this unit of competency in the NWP National Water Training Package.

Application

This unit involves the skills and knowledge required to maintain and repair network assets for drinking water.

It includes conducting maintenance and repairs on a variety of water distribution assets including storages, pumping stations, dosing stations and pipelines. It also includes reviewing, reporting and recording work.

This unit applies to those working as field staff with specific responsibility for ensuring the repair and maintenance of water assets. Those undertaking this unit would work under appropriate supervision, while performing routine tasks, in a familiar context, and ensuring minimum damage to the environment.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Not applicable.

Competency Field

Networks

Unit Sector

Not applicable.

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

PERFORMANCE CRITERIA

Performance criteria describe the performance needed to demonstrate achievement of the element.

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|--|---|
| 1 Prepare for work | <ul style="list-style-type: none">1.1 Conduct risk assessment for environmental, safety and water quality factors to ensure worksite is safe to work1.2 Determine work requirements, materials and configuration from plans, specifications, instructions and workplace procedures1.3 Check coordination issues with relevant personnel, including isolations, licences and permits to work1.4 Identify networks system operation requirements1.5 Identify, notify and communicate with customers according to workplace procedures1.6 Select, fit and use personal protective equipment (PPE) |
| 2 Conduct maintenance and repairs | <ul style="list-style-type: none">2.1 Isolate infrastructure according to workplace procedures2.2 Determine appropriate repair method from job specifications and instructions2.3 Ensure materials, pipes and fittings are appropriately disinfected prior to installation2.4 Check maintenance and repairs to assets to ensure specifications are met according to workplace procedures2.5 Restore worksite according to environmental and workplace procedures including performing calculations |
| 3 Review and report work | <ul style="list-style-type: none">3.1 Tag and report faulty equipment and tools and advise appropriate personnel3.2 Store equipment, tools and materials according to manufacturer and workplace instructions |

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

Range is restricted to essential operating conditions and any other variables essential to the work

environment.

Non-essential conditions may be found in the Companion Volume Implementation Guide.

Unit Mapping Information

This unit replaces and is equivalent to NWPNET022 Maintain and repair network assets for drinking water.

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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