



Australian Government

NWPNET025 Coordinate and manage maintenance and repair of network assets

Release: 1

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Modification History

Release	Comments
1	This unit was released in NWP Water Training Package release 1.0 and meets the Standards for Training Packages. This unit supersedes and is equivalent to NWP303A Monitor and control maintenance of water and wastewater system assets. • Unit code updated • Content and formatting updated to comply with the new standards • All PC transitioned from passive to active voice • Unit title changed to better reflect unit outcomes • PC 3.1 removed

Application

This unit of competency describes the skills required to inspect asset condition, to plan for asset repairs and to monitor and report on maintenance and repair work completion. The ability to identify faults, gather data, interpret technical information, assess risks and produce technical work plans and reports are essential to performance.

This unit applies to those working as field staff with responsibility for ensuring that water collection, distribution, storage and transfer assets are regularly monitored and for conducting scheduled maintenance and repair work on assets.

The skills and knowledge described in this unit must be applied within the legislative, regulatory and policy environment in which they are carried out. Organisational policies and procedures must be consulted and adhered to.

Those undertaking this unit would work under indirect supervision, in a familiar context, while performing routine tasks ensuring minimum damage to the environment.

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

Competency Field

Networks

Elements and Performance Criteria

ELEMENTS	PERFORMANCE CRITERIA
Elements describe the essential outcomes	Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold italicised text is used, further information is detailed in the range of conditions section.
1. Analyse asset condition and determine remedial action	1.1 Schedule routine inspections of assets and monitor fault reporting. 1.2 Collect and analyse data on asset and infrastructure condition. 1.3 Determine and cost asset maintenance and repair methods. 1.4 Select, fit and use equipment including personal protective equipment.
2. Plan and prepare for asset repair	2.1 Schedule and plan work site investigations and repair activities. 2.2 Develop repair plans and procedures and communicate to all stakeholders. 2.3 Assess and record environmental and WHS risks and specify appropriate preventative measures. 2.4 Select equipment, materials, prefabricated components and fittings and make available for use on site.
3. Monitor and report maintenance activities	3.1 Monitor repair and maintenance progress and keep records. 3.2 Inspect, confirm and report completion of repair and maintenance.
4. Complete records and reports	4.1 Complete workplace records and reports. 4.2 Make recommendations which contribute to the continuous improvement and quality of the organisation's systems.

Foundation Skills

The foundation skills demands of this unit have been mapped for alignment with the Australian Core Skills Framework (ACSF). The following tables outline the performance levels indicated for successful attainment of the unit.

ACSF levels indicative of performance:

1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5
Learning NA					Reading					Writing					Oral communication					Numeracy				

Performance variables:

1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5
Support					Context					Text complexity					Task complexity				

Further information on ACSF and the foundation skills underpinning this unit can be found in the Foundation Skills Guide on the GSA website.

Unit Mapping Information

This unit supersedes and is equivalent to NWP303A Monitor and control maintenance of water and wastewater system assets.

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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