



Australian Government

NWPNET050 Construct and install wastewater collection assets

Release: 1

NWPNET050 Construct and install wastewater collection assets

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 construct and install wastewater collection assets.

It includes preparing for work, confirming work quality and finalising work. It also includes excavating, preparing trenches, installing or placing prefabricated components and completing documentation.

This unit applies to those working as field staff with specific responsibility for ensuring that wastewater pipelines are constructed and installed in a safe and timely manner. Those undertaking this unit would work under appropriate supervision or in a team using own familiar resources, while performing routine tasks in a range of familiar contexts.

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.

1 Prepare for construction and installation

PERFORMANCE CRITERIA

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

1.1 Determine work requirements for construction and installation from plans, specifications and instructions

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| | 1.2 | Perform worksite check to prevent damage to other utilities |
| | 1.3 | Select and check equipment and tools required to meet safety and work requirements of task and worksite |
| | 1.4 | Select, fit and use personal protective equipment (PPE) |
| | 1.5 | Identify potential risks to public and environment, and take appropriate steps to minimise and eliminate risks |
| 2 | Construct and install collection pipelines | |
| | 2.1 | Excavate and prepare trenches according to workplace procedures |
| | 2.2 | Lay bedding or foundations according to workplace procedures |
| | 2.3 | Inspect pipes, fitting, lay and joint |
| | 2.4 | Install or place prefabricated components according to manufacturer instructions and workplace procedures |
| | 2.5 | Backfill excavations according to workplace procedures |
| 3 | Confirm work quality and finalise work | |
| | 3.1 | Check constructed or installed collection assets, pipes and fittings to ensure specifications are met |
| | 3.2 | Check, maintain and store equipment, tools and materials according to workplace procedures |
| | 3.3 | Restore worksite to meet environmental and organisational requirements |
| | 3.4 | Complete workplace records, constructed drawings and process |

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 NWPNET032 Construct and install wastewater 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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