



Australian Government

Assessment Requirements for NWPNET049 Construct and install water distribution assets

Release: 2

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Modification History

Release 2. This is the second release of this unit of competency in the NWP National Water Training Package.

- Updated code of pre-requisite unit.

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 include:

- checking quality of work and ensuring water quality standards
- completing documentation
- constructing and installing water distribution system assets
- identifying and responding to operational risks
- identifying hazards
- installing associated fittings and components
- interpreting plans, instructions and standard operating procedures
- laying and joining pipes
- planning work and preparing worksite safely
- restoring worksite
- using tools and machinery.

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 includes knowledge of:

- conditions for connection to live water mains
- electrical safety for disconnection and changing meters and fittings
- environmental aspects of construction and installation
- equipment operation, capacity and limitations
- excavation techniques including shoring and levelling
- relevant legislation, regulations and workplace procedures
- risk factors and potential hazards of construction and installation processes
- water distribution components and parts.

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 (PPE) 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>

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