



Australian Government

Assessment Requirements for NWPNET061 Maintain and repair network assets for drinking water

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 include:

- applying disinfection according to workplace procedures
- assisting with worksite planning, including personnel, equipment and materials
- checking permits, approvals, other utilities diagrams and maps with relevant personnel
- communicating with appropriate personnel and customers
- conducting appropriate flushing techniques
- conducting risk assessment on worksite for safety and environmental factors
- determining location, size, utilities, services from plans, specifications and workplace procedures
- ensuring system hygiene and water quality
- interpreting plans, instructions and procedures
- maintaining and repairing assets
- performing work-related calculations
- selecting and applying appropriate personal protective equipment (PPE)
- using appropriate tools and equipment for work to be undertaken.

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:

- characteristics of pipe materials
- concrete placement techniques, including compaction
- control system procedures
- disinfection of systems and chemical usage
- effects of weather and conditions on construction worksite or plan
- environmental health aspects and impacts
- equipment operation, capacity and limitations
- excavation techniques and requirements
- ground support systems

- landscape and ground structure of work area
- lock-out procedures
- pipe systems and installation requirements
- relevant legislation, policies and procedures
- relevant utilities and service bodies to identify allocation of road reserve
- requirements and differences of flushing techniques
- requirements and disposal methods of waste generated by flushing assets
- risk factors and potential hazards of maintenance processes
- safety data sheets (SDS)
- system hydraulics
- testing and sampling processes
- workplace drawings, plans, specifications and instructions.

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 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>