



Australian Government

Assessment Requirements for NWPNET047 Install, maintain and repair hydrants

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 includes:

- applying excavation techniques including:
 - locating cables
 - potholing
- charging and discharging water mains before and after isolation
- communicating with customers
- complying with water off notices, flow control and shut plans
- conducting risk assessments on worksite for operational, electrical and environmental safety factors
- contacting relevant authorities for the correct location of utilities or services
- determining location, size, utilities and services from plans
- implementing isolations
- installing or maintaining hydrants and associated components
- maintaining and storing tools and equipment
- operating valves for isolation
- planning work
- reading and interpreting plans and drawings, and relevant standards and instructions
- restoring worksite
- selecting personal protective equipment
- using tools and specific water equipment

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:

- electrical earth leakage safety procedures
- equipment operation, capacity, and limitations
- isolation methods and procedures
- operating within permit to works and shut plans

- relevant authorities to contact for the correct location of utilities or services including Dial Before You Dig
- relevant legislation, policies and procedures
- tools and equipment
- worksite restoration techniques

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 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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