



Australian Government

Assessment Requirements for NWPNET020 Control electrical risk on metallic pipes

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 bridging conductors
- contacting relevant authorities for the correct location of utilities or services
- identifying and selecting appropriate equipment
- reading plans and diagrams
- replacing metallic pipe according to manufacturer or workplace requirements
- testing of bridging conductors
- using electrical testing and monitoring safety devices

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:

- customer service procedures
- electrical testing
- equipment operation, capacity and limitations
- excavation procedures and site restoration
- metallic pipes including:
 - cast iron
 - copper pipe
 - ductile iron
 - galvanised pipe
 - mild steel
- relevant legislation, regulations and workplace procedures
- relevant authorities to contact for the correct location of utilities or services including Dial Before You Dig
- risk factors and potential hazards associated with metallic pipes

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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