



Australian Government

Assessment Requirements for NWPNET062 Maintain network assets using high pressure water systems

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:

- assembling, disassembling and operating high pressure water cleaning or clearing equipment that meets the requirements of Australian Standards for high pressure water systems
- cleaning or clearing a network asset using a high pressure water cleaner with a nozzle
- identifying hazards, assessing risks and implementing control measures
- inspecting equipment for damage or wear, including the full length of hose
- operating emergency shut-off
- using a gun or lance
- using the correct personal protective equipment (PPE) required for job

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 include knowledge of:

- basic principles of high pressure water jetting equipment
- communication systems used between operators, including hand signals
- correct methods of starting up, shutting down, operating and controlling asset cleaning or clearing equipment and its component items by type and application
- environmental protection and safety considerations for high pressure water cleaning or clearing operation
- equipment variables, including:
 - hose type, size and restraints
 - nozzle type
 - pressure and flow required
 - unit types, including trucks and trailers
- hazards, risks and controls specific to high pressure water cleaning or clearing
- importance of monitoring and controlling job conditions
- operational parameters and limits of equipment
- principles of operation of high pressure water jetting equipment and its component items, including:

- anti-withdrawal devices
- easement reel
- guns or lances
- hose restraints
- hoses
- motive power – vehicle output power, gearing and line feed speeds
- nozzles
- operating emergency stop
- positive displacement pump
- starter bars
- procedures for incident responses
- relevant standards
- relevant work health and safety requirements
- routine cleaning and servicing requirements for asset cleaning or clearing equipment
- techniques and methodology of asset cleaning or clearing for network assets.

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 suitable workplace operational situations. Where this is not appropriate, assessment must occur in suitable simulated workplace operational situations reflecting actual 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, facilities, equipment and PPE currently used in industry
- applicable relevant documentation, including workplace procedures, industry standards, equipment specifications, regulations, codes of practice 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>