



Australian Government

Assessment Requirements for NWPNET036 Perform leak detection

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:

- analysing data according to workplace procedures
- completing documentation
- identifying safety risks and hazards
- interpreting plans, specifications, policies and procedures
- locating and marking leaks and arranging repair activities
- locating, identifying and reporting leaks in water distribution networks
- operating leak detection equipment
- preparing for leak detection activities
- providing maintenance records for 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:

- calculations and measurements
- landscape and ground structure of work area
- leak detection equipment
- relevant legislation, regulations and workplace procedures
- relevant utilities and service bodies
- risk assessment and the identification of potential hazards including:
 - effects of weather and conditions on site or plant
 - environmental aspects
 - equipment operation, capacity and limitations
 - identification, repair and lock out procedures
- system hydraulics
- system layout
- work drawings, plans and specifications

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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