



Australian Government

Assessment Requirements for NWPCAD017 Operate and maintain salt interception works

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:

- collecting samples and conducting water tests
- gathering groundwater data
- locking and tagging out of equipment
- maintaining bores and piezometers
- maintaining one of the following pieces of equipment including:
 - dose acids
 - piezometers
 - pipes
 - pumps
 - valves
- optimising pipelines and pump stations
- repairing pipelines and valves
- storing, handling and using chemicals

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:

- chemical handling and dosing procedures and requirements
- groundwater data collection
- groundwater hydraulics
- legislation relating to salt interception works
- maintenance scheduling
- methods for collecting and reporting on data
- optimisation principles for pump stations and pipelines
- pipeline hydraulics
- pump performance
- relevant legislation, regulations and workplace procedures

- valve selection and operation

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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