



Australian Government

Assessment Requirements for NWPSOU033 Operate and maintain salt interception works

Release: 1

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Modification History

Release	Comments
1	These Assessment Requirements were released in NWP Water Training Package release 1.0 and meet the Standards for Training Packages.

Performance Evidence

Evidence required to demonstrate competence must satisfy all of the requirements of the elements and performance criteria. If not otherwise specified the candidate must demonstrate evidence of performance of the following on at least one occasion.

- gathering bore data
- locking and tagging out of equipment
- storing, handling and using chemicals
- collecting samples and conducting water tests
- maintaining pumps, valves, pipes, dose acids
- maintaining bores and piezometers
- undertaking minor civil works including at least one of:
 - pipeline construction
 - concrete works
 - metal fabrication
- optimising pipelines and pump stations
- repairing pipelines and valves

Knowledge Evidence

Evidence required to demonstrate competence must satisfy all of the requirements of the elements and performance criteria. If not otherwise specified the depth of knowledge demonstrated must be appropriate to the job context of the candidate.

- groundwater hydraulics
- pump performance
- pipeline hydraulics
- chemical handling and dosing
- groundwater data collection
- environmental impacts of saline water
- maintenance scheduling

- valve selection and operation
- optimisation principles for pump stations and pipelines
- legislation relating to salt interception works

Assessment Conditions

Competency should be assessed in an actual workplace or in a simulated environment, with access to equipment and infrastructure appropriate to the outcome. Competency should be demonstrated over time to ensure the candidate is assessed across a variety of situations.

Assessors must satisfy the NVR/AQTF mandatory competency requirements for assessors.

Links

Companion Volume implementation guides are found in VETNet -
<https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=26336bc0-04e5-49d9-8c31-46c49b6a0037>

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