



**Australian Government**

# **Assessment Requirements for NWPSOU052 Inspect and operate groundwater regulation**

**Release: 1**

## Assessment Requirements for NWPSOU052 Inspect and operate groundwater regulation

### Modification History

Release	Comments
1	<p>These Assessment Requirements were released in NWP Water Training Package release 1.0 and meet the Standards for Training Packages.</p> <ul style="list-style-type: none"><li>• Assessment Requirements created drawing upon specified assessment information from superseded unit</li></ul>

### 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.

- solving operational problems
- calculating flows
- following standard operating procedures
- identifying control system faults
- using safety equipment and personal protective equipment
- identifying potential sources of contamination
- performing inspection, regulation, operation, measurement and reporting of groundwater systems
- inspecting groundwater bores
- collecting and recording data
- collecting samples
- testing and adjusting pumps and flow meters to produce required flows
- recording extraction volumes and checking for compliance
- completing relevant documentation

### 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.

- properties of stored water
- communication systems

- principles of hydraulics
- system layout
- control systems
- equipment operation
- relevant utilities and service bodies
- hazardous materials handling
- effects of weather and conditions on bulkwater assets
- principles of soil mechanics
- concrete structure, strengths and deterioration
- construction procedures
- risk management techniques
- WHS
- organisational and statutory requirements

## 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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