



Australian Government

Assessment Requirements for NWPCAD022 Coordinate and monitor groundwater system usage

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 and reporting asset performance data
- coordinating and monitoring groundwater system usage
- identifying groundwater management requirements, including water quality and quantity requirements
- identifying hazards, assessing risks and implementing control measures
- identifying, investigating and reporting current and potential asset problems including recommendations for action
- identifying stakeholder requirements and environmental and developmental factors impacting on groundwater
- implementing monitoring and testing programs
- investigating and reporting on breaches
- monitoring assets performance
- monitoring groundwater usage and quality
- scheduling asset maintenance programs
- undertaking inspections
- using safety equipment and personal protective 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 include knowledge of:

- concrete structure, strengths and deterioration principles
- control systems
- effects of weather and conditions on bulkwater assets
- environmental factors including effects of weather and conditions on bulkwater assets
- equipment operation
- groundwater hydraulics
- hazardous materials handling
- relevant legislation, policies and procedures, organisational and statutory requirements

- risk management techniques
- stakeholder expectations and requirements
- system layout

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>