



Australian Government

Assessment Requirements for NWPCAD021 Coordinate and monitor bulkwater system operations

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 and recording data
- coordinating and optimising system performance
- developing and scheduling maintenance plans
- identifying and investigating operational problems
- identifying system performance measures, stakeholder requirements and environmental factors that may influence performance
- implementing monitoring and testing programs
- interpreting policies, procedures and standards
- monitoring and coordinating the operation of bulkwater systems
- producing required reports
- 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:

- chemical use
- control systems
- coordination processes
- effects of weather and conditions on operation of supply networks
- environmental aspects of bulkwater systems
- equipment operation, capacity and limitations
- monitoring and testing requirements
- pumping and valving systems
- relevant legislation, policies and procedures
- risk factors and potential hazards involved with water pressures and flows
- system hydraulics
- system layout processes

- workplace reporting requirements

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>