



Australian Government

Assessment Requirements for NWPCAD008 Monitor and control dam 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 analysing operational information
- conducting inspections
- identifying safety hazards
- interpreting plans, drawings, instructions, standard operating procedures, policies and standards
- interpreting technical documentation
- operating dam's equipment
- preparing required reports
- scheduling and implementing operational activities
- using equipment, tools, machinery 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 includes knowledge of:

- control systems
- dam access issues
- dam operation and maintenance procedures
- dam safety emergency operations and equipment
- dam security issues
- effects of weather and conditions on assets
- environmental aspects of operation
- equipment operation
- lock out procedures for mechanical and electrical installations
- operational risks to dams
- principles of hydraulics
- relevant legislation, regulations and workplace procedures
- stakeholder communication

- 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>

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