



Australian Government

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.

Application

This unit involves the skills and knowledge required to monitor and control dam operations.

It includes preparing for and implementing dam operation plans and inspecting and testing dam emergency backup equipment.

This unit applies to those working as field and operational staff with a specific responsibility for the operation of dams. Those undertaking this unit would work under appropriate supervision while performing routine tasks in a limited range of familiar contexts.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Not applicable.

Competency Field

Catchment and Dams

Unit Sector

Not applicable.

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1 Prepare for dam operation

PERFORMANCE CRITERIA

Performance criteria describe the performance needed to demonstrate achievement of the element.

1.1 Identify and apply relevant workplace procedures, guidelines and regulatory requirements for dam operation

1.2 Schedule and prioritise operational activities and obtain

		relevant approval
	1.3	Notify relevant stakeholders of operational plans
2 Implement dam operations	2.1	Follow dam operation plan and procedures
	2.2	Inspect, operate and test isolating and regulating equipment
	2.3	Test and record dam standby and emergency backup equipment
3 Compile and process operation reports	3.1	Collect operational data from measurement instruments, inspections and relevant personnel
	3.2	Process, evaluate, validate, record and store operational data
	3.3	Record and report structural, material and/or equipment problems and recommend remedial action to relevant personnel

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

Range is restricted to essential operating conditions and any other variables essential to the work environment.

Non-essential conditions may be found in the Companion Volume Implementation Guide.

Unit Mapping Information

This unit replaces and is equivalent to NWPSOU022 Monitor and control dam operations.

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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