



Australian Government

NWPSOU022 Monitor and control dam operations

Release: 1

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Modification History

Release	Comments
1	<p>This unit was released in NWP Water Training Package release 1.0 and meets the Standards for Training Packages.</p> <p>This unit supersedes and is equivalent to NWP319A Monitor and control dam operations.</p> <ul style="list-style-type: none"> • Unit code updated • Content and formatting updated to comply with the new standards • All PC transitioned from passive to active voice • PC 1.2 and 1.3 removed • One new PC added to Element 1

Application

This unit describes the skills required to prepare for and implement dam operation plans, including inspection and testing of dam safety mechanisms.

This unit applies to those working as field and operational staff with a specific responsibility for the operation of ungated dams.

The skills and knowledge described in this unit must be applied within the legislative, regulatory and policy environment in which they are carried out. Organisational policies and procedures must be consulted and adhered to.

Those undertaking this unit would work under supervision while performing routine tasks in a limited range of familiar contexts.

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

Competency Field

Source

Elements and Performance Criteria

ELEMENTS	PERFORMANCE CRITERIA
Elements describe the	Performance criteria describe the performance needed to demonstrate

essential outcomes	achievement of the element. Where bold italicised text is used, further information is detailed in the range of conditions section.
1. Plan and prepare for dam operation	1.1 Check and apply guidelines and regulatory requirements for dam operation to operation plans. 1.2 Prepare for dam operations.
2. Implement dam operation plans	2.1 Follow dam operation plans. 2.2 Inspect and test plant and equipment. 2.3 Test and record dam safety mechanisms.
3. Compile and process operation reports	3.1 Collect operational data from measurement instruments, inspections and team members. 3.2 Process, evaluate, validate, record and store operational data. 3.3 Record and report structural, material and/or equipment problems. 3.4 Recommend remedial action.

Foundation Skills

The foundation skills demands of this unit have been mapped for alignment with the Australian Core Skills Framework (ACSF). The following tables outline the performance levels indicated for successful attainment of the unit.

ACSF levels indicative of performance:

1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5
Learning NA					Reading					Writing					Oral communication					Numeracy				

Performance variables:

1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5
Support					Context					Text complexity					Task complexity				

Further information on ACSF and the foundation skills underpinning this unit can be found in the Foundation Skills Guide on the GSA website.

Unit Mapping Information

This unit supersedes and is equivalent to NWP319A 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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