



**Australian Government**

# **NWPCAD009 Monitor and implement dam maintenance**

**Release: 1**

# NWPCAD009 Monitor and implement dam maintenance

## 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 implement dam maintenance.

It includes maintaining dam safety mechanisms, interpreting technical documentation, investigating and resolving maintenance problems, collecting and analysing technical information.

This unit applies to those working as field and operational staff with a specific responsibility for the maintenance 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 maintenance**

### PERFORMANCE CRITERIA

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

#### **1.1 Prepare for dam maintenance according to workplace procedures and operational requirements**

- |   |            |  |
|---|------------|--|
|   | <b>1.2</b> | Inspect dam and develop a maintenance plan according to workplace procedures   |
| <b>2 Implement dam maintenance plans</b>            | <b>2.1</b> | Schedule dam maintenance works and communicate with relevant personnel   |
|   | <b>2.2</b> | Maintain civil and mechanical dam assets according to workplace procedures   |
|   | <b>2.3</b> | Operate and test equipment relevant to dam maintenance   |
| <b>3 Compile maintenance and inspection reports</b> | <b>3.1</b> | Collect required data from inspections, measurement instruments and relevant personnel                               |
|   | <b>3.2</b> | Collate, process, evaluate, validate, record and store data according to workplace procedures                        |
|   | <b>3.3</b> | 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 NWPSOU023 Monitor and implement dam maintenance.

## 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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