



**Australian Government**

# **Assessment Requirements for NWPCAD024 Implement dam safety plans**

**Release: 1**

# Assessment Requirements for NWPCAD024 Implement dam safety plans

## 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:

- analysing and processing data
- completing safety surveillance reports
- conducting dam safety emergency exercises
- implementing dam safety surveillance, operational and maintenance plans
- inspecting and operating instruments
- planning, scheduling, implementing and reporting on dam safety surveillance

## 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:

- communication systems
- composition and behaviour structures
- construction procedures
- dam design principles
- maintenance and operational practices
- materials science
- methods to prepare cost estimates
- principles of dam surveillance
- principles of geomechanics
- principles of hydraulics and hydrology
- relevant legislation and workplace procedures
- relevant stakeholders
- risk management techniques

## 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>