



Australian Government

Assessment Requirements for NWPSOU021 Inspect and maintain basic dams and water storages

Release: 1

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Modification History

Release	Comments
1	These Assessment Requirements were released in NWP Water Training Package release 1.0 and meet the Standards for Training Packages. • Assessment Requirements created drawing upon specified assessment information from superseded unit

Performance Evidence

Evidence required to demonstrate competence must satisfy all of the requirements of the elements and performance criteria. If not otherwise specified the candidate must demonstrate evidence of performance of the following on at least one occasion.

- undertaking visual inspections
- exercising valves
- performing work-related calculations
- measuring and recording seepage flow
- operating controls and ancillary equipment according to standard operating procedures
- following policies, procedures and standards
- using safety and personal protective equipment
- adjusting mechanical and electrical systems
- identifying control system faults
- conducting routine inspections of dams and storages according to organisational requirements
- taking readings from specified devices
- identifying and reporting repair and maintenance requirements
- conducting routine basic maintenance according to organisational maintenance plans
- completing inspection and maintenance reports

Knowledge Evidence

Evidence required to demonstrate competence must satisfy all of the requirements of the elements and performance criteria. If not otherwise specified the depth of knowledge demonstrated must be appropriate to the job context of the candidate.

- visual and electronic inspection procedures

- equipment operation, capacity and limitations
- system layout
- risk factors and potential hazards of surface water systems
- routine maintenance procedures
- communication and reporting systems
- basic dam design
- risks to dams

Assessment Conditions

Competency should be assessed in an actual workplace or in a simulated environment, with access to equipment and infrastructure appropriate to the outcome. Competency should be demonstrated over time to ensure the candidate is assessed across a variety of situations.

Assessors must satisfy the NVR/AQTF mandatory competency requirements for assessors.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=26336bc0-04e5-49d9-8c31-46c49b6a0037>

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