Australian Government

Assessment Requirements for NWPSOU026 Implement dam safety plans

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 • Assessment Requirements created drawing upon specified assessment information from superseded unit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.

- analysing and processing data
- inspecting and operating instruments
- planning, scheduling, implementing and reporting on dam safety surveillance
- planning and preparing for dam safety surveillance
- implementing dam safety surveillance plans
- completing safety surveillance 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.

- properties of stored water
- dam design principles
- materials science
- communication systems
- relevant utilities
- principles of hydraulics
- principles of soil mechanics
- concrete structure
- strengths and deterioration
- construction procedure

- safe dam operating procedures
- principles of dam surveillance
- risk management techniques
- maintenance practices

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.gov.au/Pages/TrainingDocs.aspx?q=26336bc0-04e5-49d9-8c31-46c49b6a0037

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