



Australian Government

Assessment Requirements for NWPSOU031 Operate and maintain locks and weirs

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.

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.

- installing stop logs, bulk heads and winch operations
- identifying and investigating operational problems
- regulating flows through the weir
- operating the lock gates
- operating lock levels
- calculating inflows and discharge rates
- undertaking maintenance including at least one of:
 - removing debris
 - oiling hydraulics
 - repairing concrete
 - painting metal work
 - greasing bearings

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.

- environmental considerations
- river hydraulics
- navigational rules
- legislation relating to vessels within locks
- materials characteristics including:
 - concrete

- steel
- hydraulic systems

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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