



Australian Government

**Assessment Requirements for
NWPCAD016 Operate and maintain
fishways**

Release: 1

Assessment Requirements for NWPCAD016 Operate and maintain fishways

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:

- collecting data
- collecting samples
- handling and disposing of fish
- identifying and investigating operational problems coordinating the operation of the fishway gates
- identifying fish species and their behaviour
- inspecting one or more of the following on the fishway channel to determine maintenance needs:
 - baffles
 - cages
 - gates
- interpreting design report
- performing maintenance on at least one of the following assets in the fishway channel:
 - lubricating gate slides
 - painting metal work
 - removing debris
 - repairing concrete
 - repairing lift equipment
- operating fishing handling equipment
- performing at least two of the following tests:
 - conductivity
 - dissolved oxygen
 - pH
 - temperature
- producing plans

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 includes knowledge of:

- blackwater problems
- fish biology including species and behavioural attributes
- fishway hydraulics
- fishway passage requirements
- maintenance requirements of fishway channel
- methods to collect and report on data
- operational rules for fishways
- relevant legislation, regulations and workplace procedures
- sample and test requirements

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>

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