



Australian Government

Assessment Requirements for NWPNET006 Apply construction principles to civil works in the water industry

Release: 1

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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 of the requirements of the elements and performance criteria on at least one occasion and includes:

- applying, identifying and evaluating construction principles to a civil or maintenance project
- applying relevant work health and safety (WHS) and environmental requirements
- communicating with relevant personnel and stakeholders
- completing relevant organisational documentation and permits
- compliance with regulatory requirements
- conducting impact statements
- consulting with relevant personnel
- implementing risk control measures
- obtaining resources and equipment
- planning, estimating and costing of a civil or maintenance project
- reading and analysing project designs and briefs
- recording, reporting, storing and archiving results

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:

- civil construction materials
- construction principles and standards including:
 - communication
 - costing
 - estimating
 - planning
- equipment required to perform construction
- fundamental construction principles
- pipework bed, joint and laying techniques
- relevant civil construction WHS/OHS legislated requirements
- risk control processes

- relevant manufacturer specifications
- relevant workplace documentation including permits
- relevant workplace policies and procedures
- traffic management plan
- types of excavations

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 suitable workplace operational situations. Where this is not appropriate, assessment must occur in suitable simulated workplace operational situations reflecting actual 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, facilities, equipment and personal protective equipment currently used in industry
- applicable relevant documentation including workplace procedures, industry standards, equipment specifications, regulations, codes of practice 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>