



Australian Government

Assessment Requirements for NWPNET031 Construct and install water distribution assets

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 • Assessment Requirements created drawing upon specified assessment information from superseded unit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

- laying and joining pipes
- installing associated fittings and components
- identifying and responding to operational problems
- interpreting plans, instructions and standard operating procedures
- performing work-related calculations
- using tools and machinery
- identifying hazards
- constructing and installing water distribution system assets
- planning work and preparing work site safely
- checking quality of work and ensuring water quality standards
- clearing the work site
- completing documentation

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.

- risk factors and potential hazards of construction and installation processes
- electrical safety for disconnection and changing meters and fittings
- equipment operation, capacity and limitations
- effects of weather and conditions on operation of site or plant

- environmental aspects of construction and installation
- component parts
- shoring and levelling
- conditions for connection to live water mains
- Cathodic Protection, Denso wrap, Stopaq

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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