



Australian Government

Assessment Requirements for NWPNET021 Install metering equipment

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.

- identifying and responding to operational problems
- conducting risk assessment
- using electrical safety procedures
- using personal protective equipment
- producing reports and logs
- performing basic calculations to install and test equipment
- installing flow control and metering devices
- planning and preparing for installation of flow control and metering devices
- interpreting plans, specifications and instructions for installation of flow control and metering devices
- conducting routine inspections, maintenance and servicing of basic metering, flow control and regulating devices
- completing workplace documentation
- installing, replacing and securing basic volumetric metering equipment for domestic, industrial and commercial premises
- dealing with customers

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.

- impact of the principles of hydraulics on the operation of flows
- system layout
- lock out procedures for mechanical and electrical installations

- materials handling
- environmental, landscape and ground structure of work area for restoration
- risk factors and potential hazards
- equipment operation, capacity and limitations
- effects of weather and conditions on operation of system, site and plant
- flow measurement principles and procedures
- layout and performance of pipes and fittings
- relevant utilities and service bodies
- meter types
- data collection and recording system
- work in confined spaces and at height
- electrical safety

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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