



Australian Government

**Assessment Requirements for NWPIRR024
Monitor and conduct maintenance on flow
control and metering devices**

Release: 1

Assessment Requirements for NWPIRR024 Monitor and conduct maintenance on flow control and metering devices

Modification History

Release	Comments
1	<p>These Assessment Requirements were released in NWP Water Training Package release 1.0 and meet the Standards for Training Packages.</p> <ul style="list-style-type: none">• Assessment Requirements created drawing upon specified assessment information from superseded unit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.

- identifying and reporting operational problems
- collecting and reporting system performance information
- inspecting flow regulation, measuring and regulating devices
- producing reports and logs
- using communication systems
- giving and receiving instructions
- interpreting plans, charts and instructions
- interpreting policies, procedures and standards
- monitoring the operation of flow control, measuring and regulating devices
- selecting appropriate equipment and tools, including personal protective equipment
- identifying devices and equipment to be monitored and relevant operational specifications
- collecting and recording information on device performance
- conducting routine maintenance tasks and securing devices
- identifying and reporting problems and anomalies
- inspecting system and networks
- collecting and recording data on system performance
- reporting monitoring and inspecting findings
- identifying and reporting on system performance

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.

- monitoring flow control, measuring and regulating devices' performance
- system hydraulics
- system layout
- relevant utilities and service bodies
- communication systems
- materials handling
- environmental, landscape and ground structure of water distribution system and network risk factors and potential hazards
- equipment operation, capacity and limitations
- effects of weather and conditions on operation of system and site
- flow measurement procedures
- data collection and recording
- system flow control mechanisms and control systems
- lock out procedures for mechanical and electrical installations

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.gov.au/Pages/TrainingDocs.aspx?q=26336bc0-04e5-49d9-8c31-46c49b6a0037>

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