



Australian Government

Assessment Requirements for NWPIRR001 Monitor and operate irrigation and domestic delivery systems

Release: 1

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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• Assessment Requirements created drawing upon specified assessment information from superseded unit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 responding to operational problems
- interpreting data
- producing basic reports and logs
- operating communications equipment
- following plans, charts and instructions
- communicating with customers and other employees
- performing work related calculations
- operating irrigation or stock and domestic supply system
- checking channel flow and water deliveries
- identifying control system faults
- interpreting irrigation or drainage requirements
- operating, adjusting and monitoring irrigation or drainage system
- ensuring that water is delivered to schedule
- identifying and reporting problems and irregularities
- completing relevant records and reports

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

- layout of drainage or irrigation system
- lock-out procedures for mechanical and electrical installations
- relevant utilities and service bodies
- communication systems
- service requirements specified in customers' contracts
- risk factors and potential hazards involved with water system
- equipment operation, capacity and limitations
- effects of weather and conditions on operation of system, site and plant
- flow measurement procedures
- control systems

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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