



Australian Government

Assessment Requirements for NWPIWS002 Operate regulating devices in rural irrigation systems

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

- adjusting and maintaining flow system control mechanisms
- completing records and reports
- collecting and reporting system performance information
- identifying and reporting operational problems
- identifying flow requirements
- interpreting data
- producing information
- securing flow regulation devices
- using equipment relevant for controlling and regulating water flow for irrigation

Knowledge Evidence

- effects of weather conditions on system operation and worksite
- equipment operation, capacity and limitations
- methods for data collection and reporting
- irrigation system layout
- principles of hydraulics impacting on the operation of flows
- relevant legislation, regulations and workplace procedures
- relevant lock-out procedures for mechanical and electrical installations
- risk factors and potential hazards
- system flow control mechanisms

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 workplace operational situations where it is appropriate to do so; where this is not appropriate, assessment must occur in simulated workplace operational situations that replicate 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, equipment and personal protective equipment currently used in industry
- applicable documentation including legislation, regulations, codes of practice, workplace procedures 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>

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