



Australian Government

Assessment Requirements for NWPIWS012 Monitor and schedule water deliveries

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

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all the requirements of the elements and performance criteria on at least one occasion and includes:

- adjusting system according to demand
- analysing volumes and flow rates required for water deliveries
- completing relevant documentation
- coordinating flow regulating devices
- identifying and responding to operational problems
- identifying control system faults
- monitoring and regulating system performance
- monitoring channel flow
- performing work related calculations
- preparing schedules for water deliveries for customer orders for irrigation and domestic stock supply systems
- producing reports

Knowledge Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all the requirements of the elements and performance criteria on at least one occasion and includes:

- control systems
- coordination processes
- effects of weather and conditions on operation of site plant
- environmental aspects of irrigation and/or stock and domestic supply system
- equipment operation, capacity and limitations
- flow measurement procedures
- gravity systems
- impact of the principles of hydraulics on the operation of flows
- policies and standard operating procedures
- principles of scheduling
- relevant legislation, regulations and workplace procedures

- system hydraulics
- system layout and operations
- water flow calculations

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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