



Australian Government

NWPIRR041 Identify and apply water entitlements and delivery processes

Release: 1

NWPIRR041 Identify and apply water entitlements and delivery processes

Modification History

Release	Comments
1	This unit was released in NWP Water Training Package release 1.0 and meets the Standards for Training Packages. This unit supersedes and is equivalent to NWP239B Identify and apply water entitlements and delivery processes. • Unit code updated • Content and formatting updated to comply with the new standards • All PC transitioned from passive to active voice

Application

This unit describes the skills required to identify and apply irrigation, and stock and domestic supply systems, measure water and report water usage.

This unit applies to those working as field operators involved with the operation of raw water systems, including the identification of water entitlements and delivery processes.

The skills and knowledge described in this unit must be applied within the legislative, regulatory and policy environment in which they are carried out. Organisational policies and procedures must be consulted and adhered to, particularly those related to water acts, water entitlement, identification and notification of breaches and property water allocation.

Those undertaking this unit would work independently or in a team under direct supervision, using own familiar resources as required, while performing routine tasks in range of familiar contexts.

No licensing, legislative or certification requirements apply to unit at the time of publication.

Competency Field

Irrigation

Elements and Performance Criteria

ELEMENTS	PERFORMANCE CRITERIA
Elements describe the essential outcomes	Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold italicised text is used, further information is detailed in the range of conditions section.
1. Identify and apply water entitlements	1.1 Apply principles of allocation or sale of water to properties and landholders. 1.2 Apply changes to entitlement or allocation to properties and between properties to workplace practices. 1.3 Apply relevant sections of legislation relating to water distribution and delivery to workplace practices, including breach notification. 1.4 Identify relevant water products and services offered to customers, and customer contracts.
2. Identify and apply principles of water supply networks and distribution systems	2.1 Identify relevant type and structure of water supply networks and their interaction where relevant. 2.2 Identify design and operation of relevant components of water distribution system. 2.3 Identify and monitor principles of water flow and factors affecting water flow. 2.4 Identify and apply basic principles of regulating water efficiently through the water supply system.
3. Record and monitor water use	3.1 Monitor, report and measure water flows and volumes. 3.2 Identify and monitor balance of water entitlements.

Foundation Skills

The foundation skills demands of this unit have been mapped for alignment with the Australian Core Skills Framework (ACSF). The following tables outline the performance levels indicated for successful attainment of the unit.

ACSF levels indicative of performance:

1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5
Learning NA					Reading					Writing					Oral communication					Numeracy				

Performance variables:

1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5
Support					Context					Text complexity					Task complexity				

Further information on ACSF and the foundation skills underpinning this unit can be found in the Foundation Skills Guide on the GSA website.

Unit Mapping Information

This unit supersedes and is equivalent to NWP239B Identify and apply water entitlements and delivery processes.

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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Assessment Requirements for NWPIRR041 Identify and apply water entitlements and delivery processes

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. • 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.

- reading meters and other measurement instruments
- interpreting data
- completing estimates and recording water use
- operating a range of flow control devices
- identifying and applying irrigation, and stock and domestic supply systems
- measuring water and reporting water usage
- calculating water flows and volumes
- regulating water delivery

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.

- relevant sections of water acts and legislation
- workplace system networks or distribution systems
- depth and flow conversion charts

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.

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