



Australian Government

NWPIWS009 Monitor and control drainage operations

Release: 1

NWPIWS009 Monitor and control drainage operations

Modification History

Release 1. This is the first release of this unit of competency in the NWP National Water Training Package.

Application

This unit involves the skills and knowledge required to monitor and control drainage operations.

It includes inspecting drainage systems, monitoring flows and controlling and operating processes. It also includes identifying faults, gathering data, interpreting technical information and operating technical equipment.

This unit applies to those working as field staff with a responsibility for inspecting and reporting faults in drainage systems and for operating, integrating and regulating drainage system processes. Those undertaking this unit would work under appropriate supervision, while performing routine tasks ensuring minimum damage to the environment, in a familiar context.

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

Pre-requisite Unit

Not applicable.

Competency Field

Irrigation Water Supply

Unit Sector

Not applicable.

Elements and Performance Criteria

ELEMENTS

PERFORMANCE CRITERIA

Elements describe the essential outcomes.

Performance criteria describe the performance needed to demonstrate achievement of the element.

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|----------|---------------------------------|------------|--|
| 1 | Inspect drainage systems | 1.1 | Schedule and conduct routine inspections of drainage systems |
|----------|---------------------------------|------------|--|

- 1.2** Undertake risk assessment at worksite according to workplace procedures
 - 1.3** Monitor faults and organise remedial action
 - 1.4** Collect and report data on drainage system performance and usage according to workplace procedures
- 2 Monitor flows**
 - 2.1** Monitor flows entering drains
 - 2.2** Monitor flows in drains to ensure correct drain operation
- 3 Control and operate processes**
 - 3.1** Control flows to maintain parameters of operation
 - 3.2** Identify, address and report problems and operational conditions of the drainage network to relevant personnel
 - 3.3** Integrate processes to improve drainage network performance according to workplace procedures
 - 3.4** Compile and document process records

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

Range is restricted to essential operating conditions and any other variables essential to the work environment.

Non-essential conditions may be found in the Companion Volume Implementation Guide.

Unit Mapping Information

This unit replaces and is equivalent to NWPIRR031 Monitor and control drainage operations.

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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