



Australian Government

AHCDRG303 Troubleshoot drainage systems

Release: 1

AHCDRG303 Troubleshoot drainage systems

Modification History

Release	TP Version	Comment
1	AHCv1.0	Initial release

Application

This unit of competency describes the skills and knowledge required to troubleshoot issues in drainage systems.

It applies to individuals who take responsibility for own work and for the quality of the work of others. They use discretion and judgement in the selection, allocation and use of available resources. All work is carried out to comply with workplace procedures.

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

Pre-requisite Unit

Nil.

Unit Sector

Drainage (DRG)

Elements and Performance Criteria

Element	Performance criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1. Prepare for work	1.1 Identify drainage system issues and develop plans to rectify them 1.2 Locate the affected section of drainage system 1.3 Determine work requirements and responsibility for repair 1.4 Select materials, tools, equipment and machinery 1.5 Carry out pre-operational and safety checks on tools, equipment and machinery 1.6 Identify work health and safety hazards, assess risks and implement controls

Element	Performance criteria
	1.7 Select, use and maintain suitable personal protective equipment
2. Determine access to drainage system	2.1 Access plan of drainage system and locate access points 2.2 Carry out digging without unnecessary damage to buildings, site, environment or existing fixtures and fittings
3. Carry out work	3.1 Use safe manual lifting and handling techniques 3.2 Access drainage system and rectify identified issue 3.3 Test drainage system to confirm issue has been rectified 3.4 Repair or reseal drainage system to permit normal use 3.5 Advise relevant personnel that repairs have been completed and the drainage system has been commissioned for use
4. Complete work	4.1 Clean work area and dispose of debris and waste 4.2 Clean and maintain tools and equipment

Foundation Skills

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

Range of Conditions

Unit Mapping Information

This unit is equivalent to AHCDRG303A Troubleshoot drainage systems.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>

Assessment Requirements for AHCDRG303 Troubleshoot drainage systems

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Performance Evidence

The candidate must be assessed on their ability to integrate and apply the performance requirements of this unit in a workplace setting. Performance must be demonstrated consistently over time and in a suitable range of contexts.

The candidate must provide evidence that they can:

- complete a range of rectification works
- identify a range of drainage system issues relevant to their industry, including surface and sub-surface issues
- inspect the site to determine access to drainage system
- plan and prepare for the work
- test the system and clean up after rectifying the identified issues

Knowledge Evidence

The candidate must demonstrate knowledge of:

- principles and practices of drainage system troubleshooting
 - components used in drainage systems
 - environmental impacts of drainage systems
 - isolation processes and procedures
 - types and operational parameters of drainage systems
 - types of drainage systems common to their industry and their possible issues
 - work plans and processes

Assessment Conditions

Assessors must satisfy current standards for RTOs.

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