



Australian Government

AHCDRG201 Maintain drainage systems

Release: 1

AHCDRG201 Maintain 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 carry out routine cleaning and maintenance of draining systems.

It applies to individuals who work under general supervision and exercise limited autonomy with some accountability for their own work. They undertake defined activities and work in a structured context.

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. Inspect drainage systems	1.1 Confirm the work to be undertaken 1.2 Check personal protective equipment for serviceability and correct fit 1.3 Identify work health and safety hazards associated with the activity and take appropriate steps to minimise risks to self and others 1.4 Inspect drainage system visually for blockages, leaks and operating faults
2. Maintain system	2.1 Inspect components for wear or blockage

Element	Performance criteria
components	2.2 Service mechanical equipment 2.3 Replace simple components
3. Remove silt and weed growth	3.1 Clean silt from channels, drains, sumps and crossings 3.2 Remove weed growth 3.3 Flush drainage system 3.4 Observe water flow through channels and from outlets to confirm it is unobstructed
4. Record and report maintenance activities	4.1 Record blockage or leakage by type and location of the section of the system affected 4.2 Record and report damaged or faulty equipment 4.3 Record and report all routine maintenance activities 4.4 Check drainage system regularly

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 AHCDRG201A Maintain 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 AHCDRG201 Maintain drainage systems

Modification History

Release	TP Version	Comment
1	AHCv1.0	Initial release

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:

- inspect and maintain simple drainage system components
- inspect components for wear
- monitor and control weeds and silt build up
- record and report damage, blockages and leakages

Knowledge Evidence

The candidate must demonstrate knowledge of:

- principles and practices of drainage system maintenance:
 - disposal procedures for chemical containers and residues, oils, grease and used parts
 - drainage system cleaning procedures
 - environmental impacts of drainage system maintenance
 - equipment used to clean and maintain drainage systems
 - manual, mechanical and chemical weed control methods
 - types of drainage systems

Assessment Conditions

Assessors must satisfy current standards for RTOs.

Links

Companion Volume implementation guides are found in VETNet -

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