



Australian Government

AHCSAW201 Conduct erosion and sediment control activities

Release: 1

AHCSAW201 Conduct erosion and sediment control activities

Modification History

Release	TP Version	Comment
1	AHCv1.0	Initial release

Application

This unit of competency describes the skills and knowledge required to control erosion and sediment using earthworks construction and other land forming activities.

Construction is often carried out using a single earthmoving machine in varied conditions and terrains that requires the plant operator to develop skills that are unique to this sector.

This unit applies to individuals who work under general supervision and exercise limited autonomy with some accountability for their own work, they undertake defined routine activities.

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

Soil and Water Conservation (SAW)

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 to work	1.1 Read work instructions relating to the activity and clarify purpose and issues with the supervisor 1.2 Prepare tools and equipment and use as instructed by supervisor 1.3 Identify manual handling and other work health and safety hazards, tell supervisor and apply safe work practices to minimise risks 1.4 Select personal protective equipment and clothing and ensure

Element	Performance criteria
	correct fit
2. Conduct erosion and sediment control activities	2.1 Identify erosion and sediment risks at a site and confirm with supervisor 2.2 Assemble structures to prevent erosion and control sediment at site 2.3 Carry out sediment control and maintenance activities 2.4 Operate tools, machinery and equipment as instructed
3. Complete work	3.1 Dispose of or recycle soil and waste material from the site to minimise damage to the environment 3.2 Clean, store and maintain all 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 AHCSAW201A Conduct erosion and sediment control activities

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 AHCSAW201 Conduct erosion and sediment control activities

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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:

- conduct erosion and sediment control activities as instructed by a supervisor
- identify hazards and follow safe operating procedures
- identify erosion and sediment control structures, measures and practices
- carry out routine work with control measures and structures
- identify areas at risk of erosion
- operate or use machinery tools and equipment required for the tasks involved safely and efficiently

Knowledge Evidence

The candidate must demonstrate knowledge of:

- the need for erosion and sediment control, including:
- the cost of erosion and sedimentation to the community
- the effect of loss of habitat
- how water quality is affected
- how soil erosion can cause loss of production, assets and amenities
- re-occurring maintenance, repair and monitoring requirements for controls
- agents and processes of erosion and sedimentation and ways to control them
- types of erosion and sediment control structures and techniques for constructing them
- role of vegetation in erosion control
- basic catchment issues
- characteristics of soils with an emphasis on erodible soils

Assessment Conditions

Assessors must satisfy current standards for RTOs.

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