



Australian Government

AHCSAW401 Set out conservation earthworks

Release: 1

AHCSAW401 Set out conservation earthworks

Modification History

Release	TP Version	Comment
1	AHCv1.0	Initial release

Application

This unit of competency describes the skills and knowledge required to set out standard structures using specialised pegging and marking techniques, for erosion and sediment control earthworks.

This unit applies to individuals who take responsibility for their own work and use discretion and judgement in the selection, allocation and use of available resources. This includes undertaking a range of routine and non-routine activities and work in known and changing contexts.

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. Interpret plans and specifications	1.1 Determine overall plan in consultation with landholder and surveyor 1.2 Establish earthworks specifications in consideration of desired outcome and prevailing conditions 1.3 Verify plan in line with job requirements
2. Relate plan to site	2.1 Locate key plan points on site 2.2 Identify additional features on site plan

Element	Performance criteria
	2.3 Identify and record site issues which affect survey and pegging
3. Peg project	3.1 Establish pegging sequence in consultation with the site surveyor 3.2 Measure site dimensions in compliance with job specification 3.3 Establish peg locations using prescribed methods 3.4 Peg earthworks in line with project specification 3.5 Advise all construction personnel of pegging and the need for site integrity

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 AHCSAW401A Set out conservation earthworks

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 AHCSAW401 Set out conservation earthworks

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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:

- set out conservation earthworks
- identify hazards and ensure the safety of self, field operators and any other person on site
- interpret plans and specifications
- relate plan to site
- measure out site dimensions precisely and peg project
- protect site

Knowledge Evidence

The candidate must demonstrate knowledge of:

- different types of survey equipment
- civil engineering and survey techniques applicable to conservation earthworks
- erosion control and design principles
- principles of native topsoil conservation and protection
- interpretation of plans and general and technical specification

Assessment Conditions

Assessors must satisfy current standards for RTOs.

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