



Australian Government

AHCSAW403 Supervise implementation of conservation earthworks plans

Release: 1

AHCSAW403 Supervise implementation of conservation earthworks plans

Modification History

Release	TP Version	Comment
1	AHCv1.0	Initial release

Application

This unit of competency describes the skills and knowledge required to supervise the on-site implementation of earthworks designed to control erosion and sediment at a given site.

This unit applies to individuals who take responsibility for their own work and for the quality of the work of others within known parameters. This includes using discretion and judgement in the selection and use of available resources.

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. Plan efficient implementation of erosion and sediment control works	1.1 Review plans and specifications and relate to the work site 1.2 Determine personnel and other resources required to undertake the work 1.3 Plan and record work sequences to meet with proposed work schedule 1.4 Identify the need for weed control and plan the use of chemicals 1.5 Order materials to complete proposed works in line with

Element	Performance criteria
	construction schedule 1.6 Identify potential regulatory planning and environmental impacts of the work and notify senior management 1.7 Identify work health and safety hazards, assess risks and implement control measures
2. Direct and monitor work	2.1 Communicate clear instructions to plant operators to ensure work meets and maintains quality standards 2.2 Provide on the job training for staff that require it 2.3 Confirm the use of modified techniques to minimise the effect of site limitation in achieving job requirements 2.4 Identify issues likely to cause delays or alter the scope of the work and record and report to senior management 2.5 Inspect work periodically to confirm work outcomes are being achieved and adjust activity or plan if required 2.6 Monitor safe machine operations to ensure they meet relevant work health and safety requirements 2.7 Monitor the work site to ensure it is being kept in a clean and safe condition 2.8 Monitor application of work health and safety, environmental sustainability and biosecurity practices 2.9 Liaise with the media, community and special interest groups where required
3. Complete work	3.1 Inspect site prior to completion of work to confirm all work has been undertaken 3.2 Note any work that does not comply with specifications and organise rectification work 3.3 Supervise the maintenance of machinery and equipment 3.4 Complete a report of work undertaken and forward to senior management

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 not equivalent to AHCSAW402A Supervise on-site implementation of conservation earthworks. No equivalent unit.

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 AHCSAW403 Supervise implementation of conservation earthworks plans

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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:

- supervise the implementation of conservation earthworks
- identify hazards and implement safe systems of work
- plan efficient implementation of works
- protect natural areas from damage
- direct the implementation of planned works
- monitor job specifications
- identify and address risks to achieving planned outcomes
- provide information to the media, community and special interest groups about work undertaken
- providing on the job training to staff where required
- ensure work health and safety policies and procedures are adhered to by all personnel and contractors on site
- monitor application of biosecurity measures and sustainability practices in work

Knowledge Evidence

The candidate must demonstrate knowledge of:

- erosion and sediment control standards and principles
- natural area topsoil protection and rehabilitation principles
- supervision techniques
- erosion control and design principles
- sediment control principles
- earthmoving principles
- principles for machine operation
- work sequence knowledge

- equipment most suitable to the constructing of erosion and sediment control works
- quality assurance systems, processes and practices
- staff deployment, supervision and training
- application of work health and safety and environmental legislation, codes of practice and enterprise requirements to work site

Assessment Conditions

Assessors must satisfy current standards for RTOs.

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