



Australian Government

**Assessment Requirements for
AHCSAW404 Supervise implementation of
conservation earthworks plans**

Release: 1

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Modification History

Release	Comments
Release 1	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 6.0.

Performance Evidence

An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.

There must be evidence that the individual has, on at least one occasion, supervised the implementation of conservation earthworks, and has:

- determined operational resource requirements, including:
 - human resources
 - materials and consumables
 - tools and equipment
 - financial
- identified hazards and implemented controls for the site
- identified pests and control strategy
- planned the implementation of works
- protected natural areas from damage
- directed implementation of planned works
- monitored job performance against target and took action to rectify
- identified and addressed risks to achieving planned outcomes
- communicated with stakeholders about work undertaken
- assessed and arranged work team upskilling
- ensured workplace health and safety policies and procedures were followed
- monitored adherence to biosecurity measures and sustainability practices.

Knowledge Evidence

An individual must be able to demonstrate the knowledge required to perform the tasks outlined in the elements and performance criteria of this unit. This includes knowledge of:

- conservation earthworks standards and principles, including:
 - erosion control and design principles

- sediment control principles
- natural area topsoil protection and rehabilitation principles
- impact of earthworks on the ecology
- impact of geology on soils and subsequent earthworks activity and site access
- pest control required on earthworks, including:
 - site weeds
 - soil-borne pests and pathogens
 - strategies required to control or eradicate
- supervision techniques and strategies, including:
 - working with work teams
 - assessing performance
 - rectifying performance issues
 - reporting procedures
- work sequencing and scheduling
- equipment most suitable to the constructing of erosion and sediment control works, including:
 - earthmoving principles
 - principles of machine operation
- quality assurance systems, processes and practices
- staff deployment, supervision, skills assessment and training
- application of legislations and codes of practice, including:
 - workplace health and safety
 - environmental legislation, codes of practice
 - biosecurity
 - workplace policies and procedures
 - enterprise requirements to work site
- communications strategies to ensure stakeholders are engaged and informed, including:
 - working with the media
 - special interest groups
 - general public
 - clients and senior managers
- workplace health and safety hazards associated with conservation earthworks, and the controls necessary to remove or minimise associated risks
- state/territory legislative requirements related to conservation earthworks, environmental protection and biosecurity standards.

Assessment Conditions

Assessment of the skills in this unit of competency must take place under the following conditions:

- physical conditions:

- skills must be demonstrated on a conservation earthworks site or in an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - materials and other resources as specified in project plans and specifications
 - tools and equipment required to perform earthworks activities
- specifications:
 - workplace policies and procedures for safety and supervision of work
 - earthworks plans and specifications
- relationships:
 - stakeholders
 - senior managers.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

Companion Volumes, including Implementation Guides, are available at VETNet: - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>