



Australian Government

AHCSAW502 Plan erosion and sediment control measures

Release: 1

AHCSAW502 Plan erosion and sediment control measures

Modification History

Release	TP Version	Comment
1	AHCv1.0	Initial release

Application

This unit of competency describes the skills and knowledge required to develop erosion and sediment control plans.

This unit applies to individuals who take personal responsibility and exercise autonomy in undertaking complex work. They analyse, design and communicate solutions to sometimes complex problems.

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. Establish suitability of development proposal	1.1 Compile data concerning suitability of development site 1.2 Note alterations or modifications to the development proposal and report to developer or consent authority 1.3 Establish compliance with relevant regulatory planning authority and environmental legislation 1.4 Confirm development proposal meets erosion and sediment control guidelines
2. Develop erosion and sediment control	2.1 Develop erosion control measures

Element	Performance criteria
strategy	2.2 Develop sediment control measures 2.3 Apply work health and safety and environmentally sustainable practices to strategy 2.4 Establish erosion and sediment control strategies and document in co-operation with the developer and relevant consent authority
3. Prepare an erosion and sediment control plan	3.1 Check selection criteria for earthwork structures or measures against industry guidelines 3.2 Develop erosion and sediment control plan, incorporating design specifications for structures 3.3 Confirm the erosion and sediment control plan and supporting documentation follow industry guidelines

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 AHCSAW502A Plan erosion and sediment control measures

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 AHCSAW502 Plan erosion and sediment control measures

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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:

- develop a plan for erosion and sediment control measures that meets regulatory requirements and industry standards
- establish suitability of development proposal to location and environment
- prepare reports on erosion and sediment control plans to enterprise standards
- develop erosion and sediment control measures consistent with industry principles and selection criteria
- prepare an erosion and sediment control plan to industry standards and to comply with relevant regulatory planning authority

Knowledge Evidence

The candidate must demonstrate knowledge of:

- application of relevant environmental, planning and groundwater legislation in erosion and sediment control work
- planning process for erosion and sediment control
- erosion control and design principles:
 - soils and soil formation
 - levels and levelling
 - earthmoving principles
 - total catchment issues
 - how to manage peak water flows
 - subsurface and surface drainage principles and systems
- permits or consents potentially required for developing erosion and sediment control structures
- environmental issues related to erosion and sediment

- awareness of the limitations of design aids provided for industry
- work health and safety implications of implementing plans

Assessment Conditions

Assessors must satisfy current standards for RTOs.

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