



Australian Government

Assessment Requirements for AHCSAW505 Plan erosion and sediment control measures

Release: 1

Assessment Requirements for AHCSAW505 Plan erosion and sediment control measures

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 developed at least one plan for erosion and sediment control measures according to regulatory requirements and industry standards.

There must also be evidence that the individual has:

- established suitability of development proposal to location and environment
- prepared erosion and sediment control plans to enterprise standards
- developed erosion and sediment control measures consistent with industry principles and selection criteria
- prepared an erosion and sediment control plan according to industry standards and in compliance with regulatory planning authority.

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:

- application of relevant environmental, planning, groundwater and heritage and cultural legislation in erosion and sediment control work
- planning process for erosion and sediment control
- surface water and groundwater interactions and their influence on erosion, erosion control and design, including:
 - soils and soil formation and impact on water flow
 - levels and levelling
 - earthmoving principles
 - total catchment issues
 - managing peak water flows
 - sub-surface and surface drainage principles and systems
- computations relevant to water runoff, flow and design of erosion control

- structures and structural design principles of erosion and sediment control
- permits or approvals 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
- workplace health and safety implications of implementing plans.

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 development site requiring sediment and erosion control, or in an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - digital technology with planning and design tools and resources
- specifications:
 - workplace policies, procedures and processes for planning and design
 - site development proposals
 - legislation, regulations and industry codes of practice for controlling land degradation sediment
- relationships:
 - developer
 - consenting authority.

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>