



**Australian Government**

**Department of Education, Employment and Workplace Relations**

# **AHCSAW201A Conduct erosion and sediment control activities**

**Release: 1**

## AHCSAW201A Conduct erosion and sediment control activities

### Modification History

Not Applicable

### Unit Descriptor

<b>Unit descriptor</b>	This unit covers the process of carrying out erosion and sediment control activities in both urban and rural environments and defines the standard required to: assess risks from erosion and sediment at a site; assemble structures to prevent erosion and control sediment at a site; carry out sediment control activities in accordance with legislation and stakeholder requirements; confirm that erosion and sediment control meets enterprise requirements.
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### Application of the Unit

<b>Application of the unit</b>	This unit applies to workers at an operational level involved in earthworks construction and other land forming activities working under routine supervision with intermittent checking by supervisors.
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### Licensing/Regulatory Information

Not Applicable

### Pre-Requisites

<b>Prerequisite units</b>		

## Employability Skills Information

<b>Employability skills</b>	This unit contains employability skills.
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## Elements and Performance Criteria Pre-Content

Not Applicable

## Elements and Performance Criteria

<b>ELEMENT</b>	<b>PERFORMANCE CRITERIA</b>

ELEMENT	PERFORMANCE CRITERIA
1. Align work site practices with erosion and sediment control principles	1.1. Erosion and sedimentation legislation is adhered to at the work site as a part of contract works. 1.2. Procedures relating to erosion and sediment control are applied on the work site to align with industry standards.
2. Implement erosion and sediment control principles in the workplace	2.1. Breaches of erosion and sediment control legislation are noted and reported. 2.2. Industry practices for erosion and sediment control are applied in the work place.

## Required Skills and Knowledge

### REQUIRED SKILLS AND KNOWLEDGE

This section describes the skills and knowledge required for this unit.

#### Required skills

- identify hazards and follow safe operating procedures
- identify erosion and sediment control structures/measures/practices
- carry out routine work with control measures and structures
- identify areas at risk of erosion
- undertake activities in accordance with legislation/community expectation and project specifications
- use literacy skills to follow sequenced written instructions and record information accurately and legibly
- use oral communication skills/language competence to fulfil the job role as specified by the organisation including questioning, active listening, asking for clarification and seeking advice from supervisor
- use numeracy skills to estimate, calculate and record routine workplace measures
- use interpersonal skills to relate to people from a range of social, cultural and ethnic backgrounds and with a range of physical and mental abilities.

#### Required knowledge

- cost to the community of erosion and sedimentation
- loss of habitat
- water quality
- loss of production/asset/amenity
- re-occurring maintenance/repair/monitoring
- agents/processes of erosion and sedimentation

**REQUIRED SKILLS AND KNOWLEDGE**

- types of erosion and sediment control structures and techniques for constructing them
- basic catchments issues
- role of vegetation
- characteristics of soils with an emphasis on erodible soils.
- OHS and environmental legislative and enterprise procedures.

## Evidence Guide

<b>EVIDENCE GUIDE</b>	
The evidence guide provides advice on assessment and must be read in conjunction with the performance criteria, required skills and knowledge, range statement and the Assessment Guidelines for the Training Package.	
<b>Overview of assessment</b>	
<b>Critical aspects for assessment and evidence required to demonstrate competency in this unit</b>	<p>The evidence required to demonstrate competency in this unit must be relevant to workplace operations and satisfy holistically all of the requirements of the performance criteria and required skills and knowledge and include achievement of the following:</p> <ul style="list-style-type: none"> <li>• assess risks from erosion and sediment at a site</li> <li>• assemble structures to prevent erosion and control sediment at a site</li> <li>• carry out sediment control activities in accordance with legislation and stakeholder requirements</li> <li>• confirm that erosion and sediment control meets enterprise requirements.</li> </ul>
<b>Context of and specific resources for assessment</b>	Competency requires the application of work practices under work conditions. Selection and use of resources for some worksites may differ due to the regional or enterprise circumstances.

## Range Statement

<b>RANGE STATEMENT</b>	
The range statement relates to the unit of competency as a whole.	
Control activities may include:	<ul style="list-style-type: none"> <li>• grade stabilising structures</li> <li>• outlet protection structures</li> <li>• storm water detention measures</li> <li>• dust control</li> <li>• revegetation for the purpose of controlling erosion.</li> </ul>

**Unit Sector(s)**

<b>Unit sector</b>	Soil and water conservation
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**Co-requisite units**

<b>Co-requisite units</b>		

**Competency field**

<b>Competency field</b>	
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