



Australian Government

AHCSOL409 Supervise acid sulphate soil remediation and management projects

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.

Application

This unit of competency describes the skills and knowledge required to plan and supervise acid sulphate soil (ASS) remediation and management projects.

The unit applies to individuals who apply specialist skills and knowledge to supervising ASS remediation and management projects. This includes applying and communicating non-routine technical solutions to predictable and unpredictable problems.

All work is carried out to comply with workplace procedures, health and safety in the workplace requirements, legislative and regulatory requirements, and sustainability and biosecurity practices.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Nil

Unit Sector

Soils and Media (SOL)

Elements and Performance Criteria

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Plan implementation	1.1 Review and relate ASS management plan, work schedule and specifications to the worksite 1.2 Plan and record work sequences in line with work schedule

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	1.3 Maintain compliance with relevant consent authority standards, environmental legislation and industry guidelines
2. Carry out environmental site induction	2.1 Communicate specific site workplace health and safety and environmental issues to stakeholders 2.2 Describe and communicate project objectives and duty of care responsibilities to stakeholders 2.3 Brief plant operators, contractors and other staff on special aspects of performance relating to using specific equipment and handling hazardous materials 2.4 Determine monitoring requirements for the site, and identify individual responsibilities as stated in ASS management plan
3. Direct implementation of planned works	3.1 Monitor work according to ASS management plan and implement contingency procedures if required 3.2 Maintain compliance with ASS management plan, work schedule, specifications and regulatory requirements
4. Review works and site environment	4.1 Review works and site environment to ensure outcomes are reviewed according to the ASS management plan, work schedule and specifications 4.2 Provide instructions to staff and contractors 4.3 Determine if changes are required to works in consultation with ASS management plan provider and take appropriate action

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential for performance in this unit of competency but are not explicit in the performance criteria.

Skill	Description
Reading	Identify and interpret textual information regarding ASS management plan, work schedule and specifications, and relevant consent authority standards, environmental legislation and industry guidelines for ASS management
Oral communication	Initiate discussions with stakeholders, plant operators, contractors and staff, using clear language to describe and communicate ASS

Skill	Description
	- management plan • Use clear language to discuss changes to works with ASS management plan provider

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCSOL409 Supervise acid sulphate soil remediation and management projects	AHCSOL404 Supervise acid sulphate soil remediation and management projects	Performance criteria clarified Foundation skills added Assessment requirements updated	Equivalent

Links

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

Assessment Requirements for AHCSOL409 Supervise acid sulphate soil remediation and management projects

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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 supervised an acid sulphate soil (ASS) remediation and management project on at least one occasion, and has:

- reviewed ASS management plan and planned work schedule
- applied relevant consent authority standards, environmental legislation and industry guidelines applicable to ASS remediation management
- described and communicated objectives of the project, workplace health and safety and environmental issues to stakeholders and individual contractors
- monitored works identified in the ASS management plan and compliance with work schedule, specifications and regulatory requirements
- reviewed completed works and made changes in consultation with ASS management plan provider where necessary.

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:

- ASS management plan
- relevant consent authority standards, environmental legislation and industry guidelines applicable to ASS remediation management
- principles and practices of ASS remediation, including:
 - ASS and soil chemistry
 - equipment most suited to ASS site remediation and management
 - quality assurance systems, processes and practices
 - relevant environmental, planning and groundwater legislation
 - subsurface and surface drainage principles and systems.

Assessment Conditions

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

- physical conditions:
 - a workplace setting or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - ASS management plan
 - principles and practices of ASS remediation
- specifications:
 - relevant consent authority standards, environmental legislation and industry guidelines applicable to ASS remediation management
- relationships:
 - stakeholders, plant operators, contractors, staff and ASS management plan provider
- timeframes:
 - according to job requirements.

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

Links

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