



Australian Government

AHCSOL404 Supervise acid sulphate soil remediation and management projects

Release: 1

AHCSOL404 Supervise acid sulphate soil remediation and management projects

Modification History

Release	TP Version	Comment
1	AHCv1.0	Initial release

Application

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

This unit applies to individuals who analyse information and exercise judgement to complete a range of advanced skilled activities and demonstrate deep knowledge in a specific technical area. They have accountability for the work of others and analyse, design and communicate solutions to a range of complex problems. All work is carried out to comply with workplace procedures.

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

Soils and media (SOL)

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. Plan implementation	1.1 Review and relate plans and specifications to the works site 1.2 Plan and record work sequences in line with proposed work schedule 1.3 Maintain compliance with established regulatory planning and environmental legislation
2. Carry out	2.1 Communicate specific site environmental and OHS issues to all

Element	Performance criteria
environmental site induction	stakeholders 2.2 Describe project objectives to all stakeholders, noting individual responsibilities and duty of care 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 the approved plan
3. Direct implementation of planned works	3.1 Complete works stages 3.2 Maintain works specifications and regulatory requirements 3.3 Implement contingency procedures
4. Monitor works specifications and site environment	4.1 Review works and site environment to ensure specifications, contracts and targets are in accordance with the approved plan 4.2 Provide instructions to staff and contractors 4.3 Make changes to works in consultation with the approved plan provider

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 AHCSOL404A Supervise acid sulphate soil remediation and management projects.

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 AHCSOL404 Supervise acid sulphate soil remediation and management projects

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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:

- review Acid Sulphate Soil (ASS) management plan and plan the work
- document and communicate objectives of the project, as well as environmental and work health and safety issues, to stakeholders and individual contractors
- carry out the works identified in the (ASS) management plan in compliance with regulatory requirements and work specifications
- monitor completed works and carry out modifications in consultation with the approved plan provider where necessary

Knowledge Evidence

The candidate must demonstrate knowledge of:

- principles and practices of acid sulphate soil remediation
 - Acid Sulphate Soil (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

Assessors must satisfy current standards for RTOs.

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