



Australian Government

Department of Education, Employment and Workplace Relations

AHCSOL404A Supervise acid sulphate soil remediation and management projects

Release: 1

AHCSOL404A Supervise acid sulphate soil remediation and management projects

Modification History

Not Applicable

Unit Descriptor

Unit descriptor	This unit covers supervising acid sulphate soil remediation and management projects and defines the standard required to: review Acid Sulphate Soils (ASS) management plan and plan the work; document and communicate objectives of the project, as well as environmental and Occupational Health and Safety (OHS) 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.
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Application of the Unit

Application of the unit	This unit of competency applies to those who implement ASS remediation and management plans for civil and agricultural activities.
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Licensing/Regulatory Information

Not Applicable

Pre-Requisites

Prerequisite units		

Employability Skills Information

Employability skills	This unit contains employability skills.
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Elements and Performance Criteria Pre-Content

Not Applicable

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA

ELEMENT	PERFORMANCE CRITERIA
1. Plan implementation	<ul style="list-style-type: none">1.1.Plans and specifications are reviewed and related to the works site.1.2.Work sequences are planned and recorded in line with proposed work schedule.1.3.Compliance with established regulatory planning and environmental legislation is maintained.
2. Carry out environmental site induction	<ul style="list-style-type: none">2.1.Specific site environmental and OHS issues are communicated to all stakeholders following relevant work schedule and special requirements.2.2.Overall objectives of the project are defined to all stakeholders noting individual responsibilities and duty of care.2.3.Equipment operators, contractors and other staff are briefed on special aspects of performance relating to specific equipment, and handling of hazardous materials for their specific function in accordance with the approved plan.2.4.Monitoring requirements for the site is defined and individual responsibilities identified in accordance with the works schedule as stated in the approved plan.
3. Direct implementation of planned works	<ul style="list-style-type: none">3.1.Equipment, materials and personnel deployment ensures works stages are completed in accordance with the approved plan.3.2.Works specifications and regulatory requirements maintained in accordance with the approved plan.3.3.Contingency procedures implemented in accordance with the approved plan.
4. Monitor works specifications and site environment	<ul style="list-style-type: none">4.1.Continual review of works and site environment to ensure specifications, contracts and targets are in accordance with the approved plan.4.2.Instructions to staff and contractors to ensure compliance with the approved plan.4.3.Modifications are made to works in consultation with the approved plan provider.

Required Skills and Knowledge

REQUIRED SKILLS AND KNOWLEDGE

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

REQUIRED SKILLS AND KNOWLEDGE**Required skills**

- achieve efficient implementation of works
- protect natural areas from damage and pollution
- direct the implementation of planned works
- monitor work specifications and environmental requirements
- supervise staff in operations
- use literacy skills to read, interpret and follow organisational policies and procedures, develop sequenced written instructions, record accurately and legibly information collected and select and apply procedures to a range of tasks
- use oral communication skills/language competence to fulfil the job role as specified by the organisation including questioning, active listening, asking for clarification, negotiating solutions and responding to a range of views
- use numeracy skills to estimate, calculate and record routine and more complex workplace measures and data
- use interpersonal skills to work with others and relate to people from a range of cultural, social and religious backgrounds and with a range of physical and mental abilities.

Required knowledge

- relevant environmental, planning and groundwater legislation
- principles of duty of care and due diligence
- ASS and soil chemistry
- subsurface and surface drainage principles and systems
- appropriate supervision techniques
- OHS and environmental legislation, codes of practice and enterprise procedures
- work sequence knowledge
- equipment most suited to ASS site remediation and management
- Quality Assurance systems, processes and practices
- staff supervision.

Evidence Guide

EVIDENCE GUIDE	
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.	
Overview of assessment	
Critical aspects for assessment and evidence required to demonstrate competency in this unit	<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"> • review ASS management plan and plan the work • document and communicate objectives of the project, as well as environmental and OHS 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.
Context of and specific resources for assessment	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

RANGE STATEMENT	
The range statement relates to the unit of competency as a whole.	
Soil disturbance may include	<ul style="list-style-type: none"> • works that disturb soils and water tables in ASS landscapes.

Unit Sector(s)

Unit sector	Soils and media
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Co-requisite units

Co-requisite units		

Competency field

Competency field	
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