

RTC4513A**Supervise acid sulphate soil remediation and management projects****Unit Descriptor**

Supervise acid sulphate soil remediation and management projects

Unit Sector

No sector assigned

ELEMENT**PERFORMANCE CRITERIA**

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| 1. Plan implementation | 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 | 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 | 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 | 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. |

KEY COMPETENCIES

What processes should be applied to this competency standard? There are a number of processes that are learnt throughout work and life, which are required in all jobs. They are fundamental processes and generally transferable to other work functions. Some of these are covered by the key competencies, although others may be added. The questions below highlight how these processes are applied in this competency standard. Following each question a number in brackets indicates the level to which the key competency needs to be demonstrated where 0 = not required, 1 = perform the process, 2 = perform and administer the process and 3 = perform, administer and design the process.

Key Competency	Example of Application	Performance Level
Communicating ideas and information	By discussing supervision issues at meetings, or formally in writing with clients and stakeholders.	3
Collecting analysing and organising information	Supervising on-site implementation of ASS management and control measures will require detailed information to be collected analysed and organised by research and consultation.	3
Planning and organising activities	Supervising on-site implementation of ASS management and control measures requires extensive planning and organising of conservation earthworks and other resources to address ASS problems.	3
Working with others and in teams	Supervising on-site implementation of ASS management and control measures will require development and management of skilled and aware work teams to achieve outcomes.	3
Using mathematical ideas and techniques	Mathematical techniques relating to data gathering and interpretation can be applied.	2
Solving problems	While supervising on-site implementation of ASS management and control measures, environmental, technical, organisational and cultural problems may arise requiring complex solutions to implement approved contingency strategies.	3
Using technology	Not applicable.	-

RANGE STATEMENT

Which group of people may be included?	All persons, who plan, approve, supervise, implement, and monitor approved works in ASS. People engaged in agricultural, civil, rehabilitation and remedial works within ASS landscapes.
Which works may be included?	All works that disturb soils and watertables in ASS landscapes.
Which materials may be included?	Ameliorants, engineering products, site rehabilitation and remediation products.

What regulatory planning and environmental legislation may be included?	All ASS relevant environmental, planning and ground water legislation.
Which OHS issues may be included?	The handling of hazardous chemicals, site induction and risk/hazard assessment
What responsibilities and duty of care may be included?	Site induction with regard to individual responsibilities, duty of care, and reinforcement of the requirement to implement the approved plan.
Which special aspects may be included?	Those set by the environmental legislation.
Which monitoring requirements may be included?	As per the approved plan and environmental legislation.

EVIDENCE GUIDE

What specific knowledge is needed to achieve the performance criteria?	Knowledge and understanding are essential to apply this standard in the workplace, to transfer the skills to other contexts, and to deal with unplanned events. The knowledge requirements for this unit are listed below: • relevant environmental, planning and groundwater legislation • principles of duty of care and due diligence • ASS soils and soil chemistry • subsurface and surface drainage principles and systems • appropriate supervision techniques • relevant OHS legislation • work sequence knowledge • equipment most suited to ASS site remediation and management • Quality Assurance systems, processes and practices.
What specific skills are needed to achieve the performance criteria?	To achieve the performance criteria, some complementary skills are required. These skills include the ability to: • achieve efficient implementation of works • protect natural areas from damage and pollution • direct the implementation of planned works • monitor work specifications and environmental requirements.

Are there other competency standards that could be assessed with this one?

This competency standard could be assessed on its own or in combination with other competencies relevant to the job function.

Essential Assessment Information

There is **essential information about assessing this competency standard for consistent performance and where and how it may be assessed**, in the Assessment Guidelines for this Training Package. All users of these competency standards must have **access** to the **Assessment Guidelines**. Further advice may also be sought from the relevant **sector booklet**.