



Australian Government

Department of Education, Employment and Workplace Relations

RIICAR401A Supervise rehabilitation operations

Release: 1

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Modification History

Not applicable.

Unit Descriptor

This unit covers the supervision of rehabilitation operations in resources and infrastructure industries. It includes: planning, preparing for and initiating rehabilitation operations; and monitoring, adjusting and reporting on the execution of the rehabilitation operations.

Application of the Unit

This unit is appropriate for those working in supervisory or technical specialist role, within:

- Civil construction
- Coal mining
- Drilling
- Extractive industries
- Metalliferous mining

Licensing/Regulatory Information

Refer to Unit Descriptor.

Pre-Requisites

Not applicable.

Employability Skills Information

This unit contains employability skills.

Elements and Performance Criteria Pre-Content

Elements describe the essential outcomes of a unit of competency.	Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold italicised text is used, further information is detailed in the required skills and knowledge section and the range statement. Assessment of performance is to be consistent with the evidence guide.
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Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
1. Plan, prepare for and initiate operations	<ul style="list-style-type: none">1.1. Access, interpret, apply and share with team members the <i>compliance documentation</i> relevant to conducting rehabilitation operations1.2. Access and share with team members the <i>geological, hydrological and survey data</i> required to complete the rehabilitation operations1.3. Prepare an action plan, in consultation with team members, which makes best use of the available resource and meets the <i>site rehabilitation requirements</i> and relevant legislative, site and manufacturer's requirements and procedures1.4. Acquire and make available the necessary <i>resources</i> for the safe, effective and efficient conduct of rehabilitation operations1.5. Issue clear and timely <i>instructions</i> to team members and others involved for the safe, effective and efficient conduct in the rehabilitation operations to meet site rehabilitation requirements
2. Monitor, adjust and report on execution of the operations	<ul style="list-style-type: none">2.1. Ensure safe, effective and efficient execution of rehabilitation tasks2.2. Monitor rehabilitation operations performance to ensure achievement of the site rehabilitation requirements2.3. Initiate adjustments to work programs to take into account non-achievement of planned outcomes2.4. Complete and submit reports2.5. Recommend changes to improve the safety, efficiency and effectiveness of the rehabilitation operations

Required Skills and Knowledge

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

Required skills

Specific skills are required to achieve the performance criteria in this unit, particularly for the application in the various circumstances in which this unit may be applied. This includes the ability to carry out the following as required to supervise rehabilitation operations:

- apply legislative, organisation and site requirements and procedures
- provide team leadership
- apply techniques for selecting operational techniques
- apply techniques for selecting and assigning plant and equipment
- apply procedures for developing and administering work plans

Required knowledge

Specific knowledge is required to achieve the Performance Criteria of this unit, particularly its application in a variety of circumstances in which the unit may be used. This includes knowledge of the following, as required to supervise rehabilitation operations:

- risk, statutory compliance, health, safety, environmental, quality and communication requirements and procedures
- site operational requirements
- team leadership techniques
- operational techniques required for execution of the rehabilitation tasks
- plant and equipment capabilities
- work planning techniques
- work monitoring methods

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 worksite operations and satisfy all of the requirements of the performance criteria, required skills and knowledge and the range statement of this unit and include evidence of the following:</p> <ul style="list-style-type: none"> • knowledge of the requirements, procedures and instructions for the supervision of rehabilitation operations • implementation of appropriate procedures and techniques for the safe, effective and efficient supervision of rehabilitation operations • working with others to plan, prepare and conduct rehabilitation operations • provision of clear and timely instruction and supervision by the individual of those involved in rehabilitation operations • evidence of the consistent successful supervision of rehabilitation operations
Context of and specific resources for assessment	<ul style="list-style-type: none"> • This unit must be assessed in the context of the work environment. Where personal safety or environmental damage are limiting factors, assessment may occur in a simulated environment provided it is realistic and sufficiently rigorous to cover all aspects of workplace performance, including task skills, task management skills, contingency management skills and job role environment skills. • Evidence for assessment is best gathered using the outcomes of products and processes in the workplace. • The assessment environment should not disadvantage the participant. For example, language, literacy and numeracy demands of assessment should not be greater than those required on the job. • Customisation of assessment and delivery

	<p>environment to sensitively accommodate cultural diversity.</p> <ul style="list-style-type: none"> • Aboriginal people and other people from a non English speaking background may have second language issues. • Assessment of this competency requires typical resources normally used in a resources and infrastructure sector environment. Selection and use of resources for particular worksites may differ due to the site circumstances. • Where applicable, physical resources should include equipment modified for people with disabilities. • Access must be provided to appropriate learning and/or assessment support when required.
Method of assessment	<p>This unit may be assessed in a holistic way with other units of competency. The assessment strategy for this unit must verify required knowledge and skill and practical application using more than one of the following assessment methods:</p> <ul style="list-style-type: none"> • written and/or oral assessment of the candidate's required knowledge • observed, documented and/or first hand testimonial evidence of the candidate's: <ul style="list-style-type: none"> • implementation of appropriate procedures and techniques for the safe, effective and efficient achievement of the required outcomes • consistently achieving the required outcomes • first hand testimonial evidence of the candidate's: <ul style="list-style-type: none"> • working with others to plan, prepare and conduct rehabilitation operations • provision of clear and timely instruction and supervision by the individual of those involved in the conduct of the rehabilitation operations
Guidance information for assessment	<p>Consult the SkillsDMC User Guide for further information on assessment including access and equity issues.</p>

Range Statement

The range statement relates to the unit of competency as a whole. It allows for different work environments and situations that may affect performance. Bold italicised wording, if used in the performance criteria, is detailed below. Essential operating conditions that may be present with training and assessment (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) may also be included.

Relevant compliance documentation may include:	<ul style="list-style-type: none"> • legislative, organisation and site requirements and procedures • manufacturer's guidelines and specifications • Australian standards • code of practice • Employment and workplace relations legislation • Equal Employment Opportunity and Disability Discrimination legislation
Geological data may include relevant site-specific information in relation to:	<ul style="list-style-type: none"> • rock type and characteristics • faults and joints • water tables or other water sources
Hydrological data may include:	<ul style="list-style-type: none"> • rainfall • surface water, existing streams and dams • catchment areas and runoff characteristics • groundwater and bores
Survey data may include relevant site-specific information in relation to:	<ul style="list-style-type: none"> • existing and required landform plans • drainage and water management structure plans
Site rehabilitation requirements may be conditions of development approval, mining lease (or equivalent) conditions and/or organisation's requirements and may include:	<ul style="list-style-type: none"> • progressive and/or final land form changes • environmental structures • soil management • drainage and/or water management • revegetation • maintenance of rehabilitated areas
Resources may include:	<ul style="list-style-type: none"> • labour • materials • services • plant and equipment
Instructions may issued in briefings, handovers, and work orders and may include:	<ul style="list-style-type: none"> • nature and scope of tasks • achievement targets • refuelling arrangements • operational conditions

	<ul style="list-style-type: none">• obtaining permits required• site layout• out of bounds areas• worksite inspection requirements• plant or equipment defects• hazards and potential hazards• coordination requirements or issues
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Unit Sector(s)

Conservation and Rehabilitation

Competency field

Refer to Unit Sector(s).

Co-requisite units

Not applicable.