



Australian Government

RIICAR301D Rehabilitate exploration site

Release: 2

RIICAR301D Rehabilitate exploration site

Modification History

Release	Comment
1	This unit replaces RIICAR301A Rehabilitate exploration site
2	Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including: references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm.

Application

This unit describes a participant's skills and knowledge required to rehabilitate exploration sites in Drilling and Metalliferous mining.

This unit is appropriate for those in operational or technical specialist roles

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

Unit Sector

Drilling

Metalliferous mining

Elements and Performance Criteria

1. Plan and prepare for site rehabilitation	1.1 Access, interpret and apply exploration site rehabilitation documentation and ensure the work activity is compliant 1.2 Access, read, interpret and apply the rehabilitation plan and Environmental Work Procedures (EWP) 1.3 Identify, address and report potential hazards and risks 1.4 Select and wear personal protective equipment appropriate for the work activity 1.5 Obtain map of area and identify location of sites to be rehabilitated 1.6 Establish communication system and protocols
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	1.7	Carry out rehabilitation plant and equipment pre-start checks
2. Rehabilitate exploration site	2.1	Assess and address hydrocarbon spills at drill site
	2.2	Ensure saline or contaminated water sumps are completely dry
	2.3	Identify and address waste materials according to rehabilitation plan and Environmental Work Procedures (EWP)
	2.4	Operate plant and machinery to scarify all cleared areas
	2.5	Retrieve cleared vegetation and return to rehabilitated site
	2.6	Remove and dispose of all rubbish
	2.7	Re-vegetate area, if required
	2.8	Record rehabilitation details
	2.9	Inspect rehabilitated site for compliance
3. Cap drill holes	3.1	Excavate hole collar to suitable depth
	3.2	Pour excess drill chips into drill hole
	3.3	Select and insert hole plug firmly into hole opening/collar, and ensure water ingress and future erosion is prevented
	3.4	Backfill excavated soil onto plug and compact firmly, allowing for subsidence and run off
	3.5	Peg hole site and mark with ID number
4. Rehabilitate access tracks	4.1	Remove all windrows
	4.2	Scarify tracks
	4.3	Retrieve cleared vegetation and restore to access track
	4.4	Block or disguise the entrance to the track

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit. Further information is available in the Resources and Infrastructure Industry Training Package Companion Volume.

Unit Mapping Information

RIICAR301A Rehabilitate exploration site

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=88a61002-9a21-4386-aaf8-69c76e675272>

Assessment Requirements for RIICAR301D Rehabilitate exploration site

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Performance Evidence

Evidence is required to be collected that demonstrates a candidate's competency in this unit. Evidence must be relevant to the roles within this sector's work operations and satisfy all of the requirements of the performance criteria of this unit and include evidence that the candidate:

- locates and applies relevant documentation, policies and procedures
- implements the requirements, procedures and techniques for the safe, effective and efficient completion of exploration site rehabilitation including:
 - selecting and using the required tools and equipment
 - correctly following rehabilitation procedures
 - identifying and applying hole-capping methods
- demonstrates completion of rehabilitating exploration sites that safely, effectively and efficiently meets all of the required outcomes on more than one (1) occasion including:
 - correctly interpreting a rehabilitation plan and Environmental Work Procedures
 - marking the location of sites to be rehabilitated on a map of the area
 - completing plant and equipment pre-start checks
 - identifying, recording and reporting hazards and risks
 - completing rehabilitation operations

Knowledge Evidence

The candidate must demonstrate knowledge in rehabilitating exploration sites through:

- relevant state or territory regulations
- rehabilitation principles and practices
- environmental work procedures

- types and operational characteristics of plant/equipment used in rehabilitation operations
- re-vegetation methods and types
- hole-capping methods

Assessment Conditions

- An assessor of this unit must satisfy the requirements of the NVR/AQTF or their successors; and Industry regulations for certification and licensing; and,
- this unit must be assessed in the context of this sector's work environment; and,
- this unit must be assessed in compliance with relevant legislation/regulation and using policies, procedures, processes and operational manuals directly related to the industry sector for which it is being assessed; and,
- assessment may be conducted in conjunction with the assessment of other Units of Competency; and,
- assessment must confirm consistent performance can be applied in a range of relevant workplace circumstances; and,
- assessors must demonstrate the performance evidence, and knowledge evidence as outlined in this Unit of Competency, and through the minimum years of current* work experience specified below in an Industry sector relevant to the outcomes of the unit; or,
- where the assessor does not meet experience requirements a co-assessment or partnership arrangement must exist between the qualified assessor and an Industry subject matter expert. The Industry subject matter expert should hold the unit being assessed (or an equivalent unit) and/or demonstrate equivalence of skills and knowledge at the unit level. An Industry technical expert must also demonstrate skills and knowledge from the minimum years of current work experience specified below in the Industry sector, including time spent in roles related to the unit being assessed; and,
- assessor and Industry subject matter expert requirements differ depending on the Australian Qualifications Framework Level (AQF) of the qualification being assessed and/or Industry Sector as follows:

Industry sector	AQF** Level	Required assessor or Industry subject matter expert experience
Drilling, Metalliferous Mining, Coal Mining, Extractive (Quarrying) and Civil Construction	1	1 Year
	2	2 Years
Drilling, Coal Mining and Extractive (Quarrying)	3-6	3 Years
Metalliferous Mining and Civil Construction	3-6	5 Years
Other sectors	Where this Unit is being assessed outside of the Resources and Infrastructure Sectors	

	assessor and/or Industry subject matter expert experience should be in-line with industry standards for the sector in which it is being assessed and where no Industry standard is specified should comply with any relevant regulation.
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*Assessors can demonstrate current work experience through employment within Industry in a role relevant to the outcomes of the Unit; or, for external assessors this can be demonstrated through exposure to Industry by conducting frequent site assessments across various locations.

**Where a unit is being delivered outside of a Qualification the first numeric character in the Unit code should be considered to indicate the AQF level

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