



Australian Government

RIIERR306E Conduct underground searches

Release: 1

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Modification History

This unit replaces RIIERR306D Conduct underground search. Minor endorseable amendments have been made to Elements, Performance Criteria, Foundation Skills, Performance Evidence and Knowledge Evidence to better reflect current industry practices and clarify training outcomes.

Application

This unit describes the skills and knowledge required to plan and conduct underground searches and manage unplanned events in mining operations.

It applies to those who work in operational roles. They generally work in teams and have some responsibility for the outcomes of others.

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

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Plan and prepare for underground search	1.1 Access and interpret underground search documentation 1.2 Obtain, interpret, clarify and confirm work requirements 1.3 Identify and assess potential risks, hazards and environmental issues and implement control measures 1.4 Select and wear personal protective equipment appropriate for work activities 1.5 Receive and analyse information and clarify factors to be considered in the search plan 1.6 Identify, liaise and clarify roles with relevant personnel 1.7 Identify and access required equipment 1.8 Communicate and coordinate activities with others 1.9 Document identified search strategy, and plot search patterns and routes on mine plan
2. Conduct search	2.1 Define possible and probable search areas based on mine configuration and work activities

ELEMENT	PERFORMANCE CRITERIA
	2.2 Conduct risk assessment and identify the necessary controls measures 2.3 Identify and ensure the search period/area does not exceed air/oxygen working duration and search personnel fitness 2.4 Establish and maintain communication systems with relevant personnel during the search 2.5 Apply search methodology using identified sequence/pattern and using appropriate techniques 2.6 Manoeuvre hostile ground using required equipment, techniques and procedures 2.7 Maintain physical contact with other search team members at all times 2.8 Mark route to allow safe egress from mine and/or allow a back-up team to locate the search team
3. Manage unplanned event or change in circumstances	3.1 Identify and evaluate unplanned events and changes/variances in conditions or circumstances 3.2 Implement and monitor procedures to address the unplanned event 3.3 Communicate details of the unplanned event or changes in circumstances to relevant personnel for advice on actions to be taken 3.4 Communicate requests for further assistance or advice of withdrawal to required personnel
4. Finalise search	4.1 Negotiate the conclusion of the search in consultation with relevant personnel 4.2 Collect, document and store all relevant evidence or information 4.3 Participate in incident debrief 4.4 Complete required written reports according to workplace policies and procedures 4.5 Review search operation and recommend improvements

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance but not explicit in the performance criteria.

Skill	Description
Problem solving	Applies problem solving processes to identify risks, evaluate options and determine solutions
Writing	Prepares specific information that complies with a range of regulatory requirements, using sector-specific terminology
Oral communication	Conveys information and requirements clearly, and listens carefully
Reading	Identifies and interprets relevant information from workplace procedures, documentation, legislation and regulations

Unit Mapping Information

Supersedes and is equivalent to RIIERR306D Conduct underground search.

Links

Companion Volume implementation guides are found in VETNet -

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