



Australian Government

RIIBLA204E Store, handle and transport explosives in underground coal mines

Release: 1

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Modification History

Release	Comments
Release 1	This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0.

Application

This unit describes the skills and knowledge required to store, handle and transport explosives in underground coal mines. It includes segregating explosives and accessories, maintaining stock records and managing explosives storage.

It applies to those working in operational roles. They generally work under supervision to undertake a prescribed range of functions involving known routines and procedures and take some responsibility for the quality of work outcomes.

Licensing, legislative and certification requirements that apply to this unit can vary between states, territories, and industry sectors. Users must check requirements with relevant body before applying the unit.

Unit Sector

Coal mining (underground)

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 storage, handling and transport of explosives	1.1 Obtain, interpret, confirm and clarify work instructions 1.2 Access, interpret and apply explosives documentation 1.3 Identify, manage and report potential hazards, risks and environmental issues according to legislative and site requirements 1.4 Select and wear personal protective equipment according to site requirements 1.5 Obtain and interpret emergency procedures and confirm steps required to respond to emergencies 1.6 Identify explosives and accessories according to job requirements

ELEMENT	PERFORMANCE CRITERIA
	<p>1.7 Classify explosives according to statutory criteria</p> <p>1.8 Apply safe handling procedures and precautions according to legislative and site requirements</p>
2. Access and manage explosives storage	<p>2.1 Gain access to magazine as authorised person according to legislative and site requirements</p> <p>2.2 Maintain compliance requirements for signage, construction, safety and security of magazines, storage limits according to legislative and site requirements</p> <p>2.3 Obtain and despatch explosives and record transfers indicating type and identity of recipient</p> <p>2.4 Segregate explosives and accessories according to type in magazines</p> <p>2.5 Confirm rotation of explosives in magazine according to site requirements</p> <p>2.6 Restrict access to store to authorised persons according to legislative requirements</p> <p>2.7 Maintain stock records and report discrepancies according to legislative and site requirements</p> <p>2.8 Conduct housekeeping of magazine according to site requirements</p> <p>2.9 Complete required documentation and reports according to site requirements</p> <p>2.10 Pass on explosives stock and storage information according to site requirements</p>
3. Prepare to transport explosives	<p>3.1 Obtain orders and confirm authority of recipient to possess explosives</p> <p>3.2 Select explosives and accessories according to shot plan</p> <p>3.3 Conduct and record results of pre-start check on explosives transport vehicle and confirm presence and operability of relevant safety equipment</p> <p>3.4 Carry out vehicle start-up procedures according to manufacturer specifications and site requirements</p> <p>3.5 Display signs on vehicles according to legislative requirements and confirm sign legibility</p> <p>3.6 Load vehicle according to separation and segregation requirements</p> <p>3.7 Identify and prepare emergency procedures according to site requirements</p>
4. Transport explosives	<p>4.1 Communicate explosives movements directions</p> <p>4.2 Transport explosives and accessories separately in approved and secured containers</p> <p>4.3 Transport explosives and accessories to designated location using designated route</p>

ELEMENT	PERFORMANCE CRITERIA
	4.4 Apply secure and safe driving conventions 4.5 Check delivery site is suited to explosives storage and that consignment is not left unattended 4.6 Implement emergency procedures to confirm safety of personnel and site 4.7 Return surplus explosives to magazine according to job and site requirements 4.8 Complete documentation and reports according to site requirements

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
Numeracy	<ul style="list-style-type: none"> Calculates basic measurements, masses and dimensions
Reading	<ul style="list-style-type: none"> Identifies and interprets information from workplace documentation
Self-management	<ul style="list-style-type: none"> Monitors and minimises own exposure to worksite risks and hazards during activities

Unit Mapping Information

Supersedes and is equivalent to RIIBLA204D Store, handle and transport explosives in underground coal mines.

Links

Companion Volume Implementation Guide is found on VETNet -

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