



Australian Government

RIIBLA602D Establish and maintain a blasting system

Release: 2

RIIBLA602D Establish and maintain a blasting system

Modification History

Release	Comment
1	This unit replaces RIIBLA602 Establish and maintain a blasting system
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 establish and maintain a blasting system in Coal and Metalliferous mining and Extractive.

This unit is appropriate for those working in management roles.

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

Unit Sector

Coal mining

Extractive industries

Metalliferous mining

Elements and Performance Criteria

1 Plan and prepare to establish and maintain a blasting system	<p>1.1 Access, interpret and apply blasting plan documentation and ensure the work activity is compliant</p> <p>1.2 Identify blasting methods and options from an analysis of all relevant technical, environmental and operational and financial information</p> <p>1.3 Identify the requirements for blasting materials against mine requirements</p> <p>1.4 Identify the requirements for, and purpose of blasting equipment and supporting infrastructure in accordance with mine design and system of mining</p>
--	---

	<p>1.5 Identify, address and report potential risks, hazards and environmental issues, determine acceptable levels of risk and implement control measures</p> <p>1.6 Identify and assess potential sites/routes for blasting and supporting infrastructure by visit, and locate and confirm on mine plan</p>
2 Establish a system for blasting	<p>2.1 Investigate, design and establish operational procedures for blasting, covering methods, materials, equipment and infrastructure</p> <p>2.2 Design and establish recording and reporting procedures for blasting information</p> <p>2.3 Develop and implement safe blasting procedures, including design management</p> <p>2.4 Establish monitoring procedures for blasting</p> <p>2.5 Develop and establish procedures for reviewing and modifying work processes</p> <p>2.6 Develop blasting system as an integral component of the mine work health and safety management system</p>
3 Establish the support arrangements	<p>3.1 Identify and establish appropriate magazine/storage facilities</p> <p>3.2 Identify and establish appropriate transportation and handling methods for explosives</p> <p>3.3 Develop and implement maintenance procedures for blasting equipment and infrastructure systems</p> <p>3.4 Establish a program, including systems and procedures, to satisfy blasting and shotfiring training requirements</p>
4 Establish systems for audit and review	<p>4.1 Develop and implement procedures to evaluate and confirm blasting system compliance</p> <p>4.2 Identify and assess future blasting activities and infrastructure system requirements and incorporate into planning processes</p> <p>4.3 Design and implement procedures to confirm the currency and compliance of blasting equipment and infrastructure maintenance and safety standards</p> <p>4.4 Establish and implement procedures for incorporating feedback into the audit and review process</p> <p>4.5 Establish and implement procedures to confirm the currency, relevance and compliance of the blasting training program against identified requirements</p> <p>4.6 Establish procedures for response to instances of non-compliance or other discrepancies/deficiencies revealed by audit</p> <p>4.7 Audit emergency response and evacuation plans and</p>

	procedures for compliance with legislative and site requirements
--	--

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

RIIBLA602A Establishing and maintaining a blasting system

Links

Companion Volume implementation guides are found in VETNet - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=88a61002-9a21-4386-aaf8-69c76e675272>