RIIRAI509D Implement mine fixed plant and infrastructure systems

Release: 2

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Modification History

Release	Comment
1	This unit replaces RIIRAI509A Implement mine fixed plant and infrastructure systems
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 implement mine fixed plant and infrastructure systems in Coal mining.

This unit is appropriate for those working in management or technical specialist roles

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

Unit Sector

Coal mining

Elements and Performance Criteria

1. Plan and prepare for the implementation of mine fixed plant and infrastructure systems	1.1 Access, interpret and apply mine fixed plant and infrastructure systems documentation and ensure the work activity is compliant
	1.2 Obtain, read, interpret, clarify and confirm work requirements
	1.3 Identify and address potential risks, hazards and environmental issues and implement control measures
	1.4 Select and wear personal protective equipment appropriate for work activities
	1.5 Identify mine fixed plant and infrastructure systems
	1.6 Identify the requirements of fixed plant and infrastructure in accordance with mine design and system of mining
	1.7 Identify site requirements for the implementation of fixed

	plant and infrastructure
	1.8 Identify and interpret the specification for the required fixed plant
	1.9 Identify, clarify, in consultation, and communicate roles and responsibilities
	1.10 Identify training needs and develop training plans
2. Implement installation and commissioning procedures for fixed plant and infrastructure	2.1 Identify and address hazards and risks associated with the installation of fixed plant and infrastructure
	2.2 Integrate new and existing fixed plant and infrastructure and processes to achieve optimum performance
	2.3 Implement safe operating procedures
	2.4 Implement fixed plant and infrastructure installation and commissioning procedures
	2.5 Install fixed plant and infrastructure at the worksite
	2.6 Commission fixed plant and infrastructure systems
	2.7 Modify systems to satisfy required changes arising from the commissioning process
	2.8 Implement emergency response and evacuation plans and procedures
3. Implement systems for the operation and maintenance of fixed plant and infrastructure	3.1 Implement operational procedures for fixed plant and infrastructure
	3.2 Implement maintenance procedures for fixed plant and infrastructure
	3.3 Implement and apply procedures for reviewing and modifying work processes
4. Implement systems for audit and review of fixed plant and infrastructure	4.1 Audit fixed plant and infrastructure standards for compliance with statutory and site requirements
	4.2 Audit fixed plant and infrastructure maintenance standards for currency and compliance with statutory and site requirements
	4.3 Audit fixed plant and infrastructure for compliance with site standards
	4.4 Audit reporting and recording systems for fixed plant and equipment and infrastructure for compliance with statutory and site requirements
	4.5 Audit the fixed plant and infrastructure training program for currency, relevance and compliance with site requirements
	4.6 Audit emergency response and evacuation plans and procedures for compliance with site requirements

	4.7	Report audit findings and recommendations

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

RIIRAI509A Implement mine fixed plant and infrastructure systems

Links

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

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