RIIMEX405D Apply and monitor systems and methods of surface coal mining

Release: 3

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Modification History

Release	Comment
1	This unit replaces RIIMEX405A Apply and monitor systems and methods of surface coal mining
2	Removed repetition from Knowledge Evidence
3	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 develops a participant's skills and knowledge required to monitor the systems and methods of surface mining in Coal mining.

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

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

Unit Sector

Coal mining (Surface)

Elements and Performance Criteria

1. Plan and prepare for surface coal mining systems	1.1 Access, interpret and apply systems and methods of surface coal mining 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 Obtain, interpret and apply verbal or written work instructions for the allocated task

	1.6 Identify and assess the risks associated with unstable mining structures 1.7 Obtain and interpret emergency procedures, and be prepared for an emergency
2. Monitor mine development operation	2.1 Communicate, apply and monitor approved mining system 2.2 Communicate and apply primary, secondary and other support systems 2.3 Identify and assess operational constraints impacting on the maintenance of stable mining structure 2.4 Assess and report strata spoil and dump failures and implement appropriate control measures 2.5 Identify and monitor the application of the mining sequences 2.6 Identify, assess and record failure mechanisms, including virgin and induced stress control methods and implement appropriate control measures 2.7 Identify and apply emergency response and evacuation plans and procedures and report on outcomes 2.8 Monitor and report on effectiveness of standard operating procedures 2.9 Contribute to systems audit and review requirements
3. Monitor waste management procedures	3.1 Identify, interpret and assess surface and groundwater information 3.2 Monitor the implementation of the drainage system
4. Monitor stockpile formation and reclaiming systems	4.1 Identify, interpret and confirm stockpile requirements 4.2 Monitor and report stockpile configuration 4.3 Identify and assess the stockpile operation to meet mine site requirements and implement appropriate control measures
5. Report on the systems and methods of mining	5.1 Complete and submit written reports 5.2 Submit reasoned recommendations to improve the safety, efficiency and effectiveness of the systems

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

RIIMEX405A Apply and monitor systems and methods of surface coal mining

Links

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