RIIMEX601D Plan pit development

Release: 2

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Modification History

Release	Comment
1	This unit replaces RIIMEX601A Plan pit development
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 plan pit development in Coal and Metalliferous mining and Extractive.

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

Extractive

Metalliferous mining

Elements and Performance Criteria

1. Plan and prepare pit design parameters and strategies	1.1 Access, interpret and apply planning of pit development 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, interpret and clarify relevant site geological, geotechnical, hydrogeological, hydrological, and survey data and use it to development and document the pit design and development parameters and strategies

	1.6 Identify, interpret and clarify relevant site marketing information and use it to develop and document pit design and development parameters and strategies
	1.7 Identify training needs of individuals and work groups, and prepare training plans
2. Design the pit development strategic plan	2.1 Liaise with internal and external stakeholders in the design process, ensure their effective contribution, and gain their support for the outcomes
	2.2 Design the final pit profile based on the production requirements, costs, geological and survey data and relevant compliance documentation
	2.3 Design staged development of the pit based taking into account all the relevant pit design and development parameters and strategies
	2.4 Prepare contingency plans that provide optional strategies in the event changed circumstances
	2.5 Select, confirm and document the extracting method or methods to be applied based on the resource characteristics, pit development parameters, marketing opportunities and economic considerations
	2.6 Determine, confirm and document resource requirements/implications of the plan and strategies for their acquisition and use
	2.7 Implement training plans
	2.8 Develop and document, record and reporting requirements and procedures for the monitoring of the pit development and operations
	2.9 Prepare and present the pit development business plan/budget, including contingency plans
3. Initiate, monitor and adjust the implementation of the pit development	3.1 Issue, explain and clarify the pit strategic plan to team members and others involved, for the safe, effective and efficient implementation of the pit development
	3.2 Provide timely ongoing support and advice to those implementing the pit development
	3.3 Ensure written records and reports are maintained and issued in accordance with the parameters and strategy requirements and other relevant requirements
	3.4 Monitor the pit development performance against the strategic plan's parameters, strategies and budget
	3.5 Resolve variances in consultation with relevant stakeholders; make adjustments to the design and issue appropriate instructions for

	adjustments to its implementation

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

RIIMEX601A Plan pit development

Links

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