



Australian Government

RIIMEX501D Implement pit plan

Release: 2

RIIMEX501D Implement pit plan

Modification History

Release	Comment
1	This unit replaces RIIMEX501A Implement pit plan
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 a pit plan 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 for implementation of the pit plan	1.1 Access, interpret and apply implementation of pit plan 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 Confirm the geological, geotechnical, hydrogeotechnical, hydrological and survey data relevant to the implementation of the pit plan 1.6 Communicate and coordinate activities with others prior to,
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	during and on completion of the work activity 1.7 Access, interpret and clarify the pit development parameters and strategies relevant to the implementation of the pit plan
2. Prepare the pit plan	2.1 Liaise with internal and external stakeholders in the planning process in a way that uses their contribution effectively and gains their support for the outcomes 2.2 Develop and document the pit plan in accordance with the pit development parameters and strategies, the confirmed geological, geotechnical, hydrogeotechnical, hydrological and survey data 2.3 Identify and confirm the resources required for the implementation of the pit plan 2.4 Identify training needs of team members and prepare training plans 2.5 Prepare and present the pit operations budget
3. Initiate, monitor and adjust the implementation of the pit plan	3.1 Issue, explain and clarify the pit plan to team members and others involved, for the safe, effective and efficient implementation of the pit development 3.2 Acquire resources for implementation of the pit plan 3.3 Provide timely ongoing support and advice to those implementing the pit plan 3.4 Ensure written records and reports are maintained and issued 3.5 Monitor the pit implementation of the pit plan against pit development parameters, strategies, the budget 3.6 Resolve variances in consultation with relevant stakeholders and issue instructions for adjustments to the plan

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

RIIMEX501A Implement pit plan

Links

Companion Volume implementation guides are found in VETNet -

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

Assessment Requirements for RIIMEX501D Implement pit plan

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Performance Evidence

Evidence is required to be collected that demonstrates a candidate's competency in this unit. Evidence must be relevant to the roles within this sector's work operations and satisfy all of the requirements of the performance criteria of this unit and include evidence that the candidate:

- locates and applies relevant legislation, documentation, policies and procedures
- implements the requirements, procedures and techniques for the safe, effective and efficient implementation of pit plans including:
 - identifying the relevant information and scope of the work necessary to meet the required outcomes
 - interpreting and applying operational performance data
 - identifying viable options and selecting options that best meet the required outcomes
 - interpreting and applying geological, hydrological and survey data
 - selecting construction techniques
 - selecting and applying development strategies
 - selecting and assigning plant and equipment
- works effectively with others to undertake and complete the implementation of pit plans that meets all of the required outcomes including:
 - complying with written and verbal reporting requirements and procedures
 - providing leadership and direction to the team by communicating clearly and concisely with others to receive and clarify work instructions
 - communicating clearly and concisely with others to resolve coordination requirements prior to commencing and during work activities
 - identifying the training needs of others
- demonstrates completion of implementing pit plan that safely, effectively and efficiently meets all of the required outcomes on more than one (1) occasion including:
 - developing, initiating and administering pit plans

- preparing pit operations budgets
- selecting and assigning the required resources
- monitoring the implementation of the pit plan, and making adjustments to the work plan
- prepare training plans

Knowledge Evidence

The candidate must demonstrate knowledge of implementation of a pit plan through:

- geological, geotechnical, hydrological, hydrogeological, and survey data
- the pit development strategic plan and its parameters and strategies, options and procedures
- operational techniques required for execution of the plan including plant and equipment capabilities
- team leadership techniques including:
 - work planning and work monitoring methods
 - recording and reporting systems
 - questioning and active listening
 - consultation and coaching techniques
 - training systems

Assessment Conditions

- An assessor of this unit must satisfy the requirements of the NVR/AQTF or their successors; and Industry regulations for certification and licensing; and,
- this unit is best assessed in the context of this sector's work environment;
- where personal safety or environmental damage are limiting factors, assessment may occur in a simulated environment provided it is realistic and sufficiently rigorous to cover all aspects of this sector's workplace performance, including environment, task skills, task management skills, contingency management skills and job role environment skills; and,
- this unit must be assessed in compliance with relevant legislation/regulation and using policies, procedures, processes and operational manuals directly related to the industry sector for which it is being assessed; and,
- assessment may be conducted in conjunction with the assessment of other Units of Competency; and,
- assessment must confirm consistent performance can be applied in a range of relevant workplace circumstances; and,
- assessors must demonstrate the performance evidence, and knowledge evidence as outlined in this Unit of Competency, and through the minimum years of current* work experience specified below in an Industry sector relevant to the outcomes of the unit; or,

- where the assessor does not meet experience requirements a co-assessment or partnership arrangement must exist between the qualified assessor and an Industry subject matter expert. The Industry subject matter expert should hold the unit being assessed (or an equivalent unit) and/or demonstrate equivalence of skills and knowledge at the unit level. An Industry technical expert must also demonstrate skills and knowledge from the minimum years of current work experience specified below in the Industry sector, including time spent in roles related to the unit being assessed; and,
- assessor and Industry subject matter expert requirements differ depending on the Australian Qualifications Framework Level (AQF) of the qualification being assessed and/or Industry Sector as follows:

Industry sector	AQF** Level	Required assessor or Industry subject matter expert experience
Drilling, Metalliferous Mining, Coal Mining, Extractive (Quarrying) and Civil Construction	1	1 Year
	2	2 Years
Drilling, Coal Mining and Extractive (Quarrying)	3-6	3 Years
Metalliferous Mining and Civil Construction	3-6	5 Years
Other sectors	Where this Unit is being assessed outside of the Resources and Infrastructure Sectors assessor and/or Industry subject matter expert experience should be in-line with industry standards for the sector in which it is being assessed and where no Industry standard is specified should comply with any relevant regulation.	

*Assessors can demonstrate current work experience through employment within Industry in a role relevant to the outcomes of the Unit; or, for external assessors this can be demonstrated through exposure to Industry by conducting frequent site assessments across various locations.

**Where a unit is being delivered outside of a Qualification the first numeric character in the Unit code should be considered to indicate the AQF level

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