



**Australian Government**

# **RIIMCU407E Apply and monitor the strata management plan**

**Release: 1**

## RIIMCU407E Apply and monitor the strata management plan

### Modification History

Release	Comments
Release 1	This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0.

### Application

This unit describes the skills and knowledge required to apply and monitor the strata management plan in coal mining, including installing, monitoring and assessing strata support systems and monitoring devices.

It applies to those working in supervisory roles. They generally perform a broad range of operational activities in their area of responsibility and are responsible for monitoring a safe work environment.

Licensing, legislative and certification requirements that apply to this unit can vary between states, territories, and industry sectors. Users must check requirements with relevant body before applying the unit.

### Unit Sector

Coal mining (underground)

### Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Plan and prepare to apply and monitor the strata management plan	1.1 Obtain, interpret, clarify and confirm work requirements 1.2 Access, interpret and apply strata management plan documentation and confirm work activity is compliant 1.3 Identify, clarify and communicate roles and responsibilities to personnel involved according strata management plan 1.4 Identify obtain and allocate resources required to apply the strata management plan 1.5 Identify training needs for personnel involved according to strata management plan and within scope of own role 1.6 Identify and interpret the risks associated with unstable mining

ELEMENT	PERFORMANCE CRITERIA
	structures according to strata management plan and site requirements
2. Apply strata management plan	2.1 Communicate, apply and monitor site mining system according to strata management plan 2.2 Communicate and apply primary and secondary support systems according to strata management plan 2.3 Identify and assess impact of mining on stability of strata 2.4 Install, monitor and assess strata support systems and confirm correct installation according to strata management plan 2.5 Install, monitor and assess strata monitoring devices and confirm correct installation according to strata management plan 2.6 Identify and assess strata supports and failure mechanisms and apply controls according to strata management plan 2.7 Apply, monitor and record mining sequences according to site requirements 2.8 Identify, assess and record stress changes in the mining structure according to site requirements 2.9 Identify, assess and record geological structures encountered during the mining process according to site requirements 2.10 Apply action response plans according to strata management plan 2.11 Apply and monitor site procedures relating to strata management according to strata management plan and site requirements 2.12 Participate in audit and review requirements according to strata management plan
3. Apply monitoring and maintenance procedures	3.1 Carry out inspection and confirm that repair and maintenance activities are conducted according to strata management plan 3.2 Record, report and review maintenance and monitoring requirements and activities according to site requirements

## Foundation Skills

*This section describes those language, literacy, numeracy and employment skills that are essential to performance but not explicit in the performance criteria.*

SKILL	DESCRIPTION
Numeracy	<ul style="list-style-type: none"> <li>Calculates resourcing requirements and performs mathematical calculations</li> </ul>
Oral communication	<ul style="list-style-type: none"> <li>Conveys information and requirements clearly and listens actively</li> </ul>

SKILL	DESCRIPTION
Reading	<ul style="list-style-type: none"><li data-bbox="446 309 1276 378">• Identifies and interprets relevant information from workplace procedures, documentation and legislation</li></ul>

## Unit Mapping Information

Supersedes and is equivalent to RIIMCU407D Apply and monitor the strata management plan.

## Links

Companion Volume Implementation Guide is found on VETNet -

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