



Australian Government

RIIMEX303 Conduct local geotechnical risk control in surface operations

Release: 1

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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 conduct local geotechnical risk control in surface operations, including identifying ground conditions and implementing geotechnical risk controls.

It applies to those working in operational roles. They generally work under minimal supervision to undertake a broad range of skilled applications in varied work contexts, using some discretion and judgement in selecting equipment, services or contingency measures.

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

Extractive

Metalliferous mining

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 for assessment of ground conditions	1.1 Obtain, interpret and confirm work requirements 1.2 Access, interpret and apply documentation and procedures required for conducting local geotechnical risk control in surface operations 1.3 Select and wear personal protective equipment according to site requirements 1.4 Confirm the work areas to be inspected and assessed 1.5 Obtain and interpret existing information on ground conditions and

ELEMENT	PERFORMANCE CRITERIA
	hazards according to site requirements 1.6 Identify key pit design features and associated hazards 1.7 Discuss and address potential hazards and environmental factors with relevant personnel and identify potential control measures 1.8 Identify and understand the ground control management plan within scope of own role 1.9 Obtain and interpret emergency procedures and identify steps required to respond to emergencies according to site requirements
2. Inspect, assess and implement ground condition controls	2.1 Inspect and assess ground conditions and implement controls 2.2 Conduct an assessment of the work areas to confirm stability and record findings 2.3 Implement appropriate controls to make safe or to maintain stable ground conditions in accordance with job role and workplace procedures 2.4 Install barricades and warning signs where area cannot be made safe according to job and site requirements and report to relevant personnel 2.5 Monitor and assess ground conditions during work activities according to site requirements
3. Record and report ground conditions, and conduct housekeeping activities	3.1 Record and report ground conditions and corrective actions to relevant personnel according to workplace procedures 3.2 Report potential hazards to relevant personnel according to workplace procedures 3.3 Clean, maintain and inspect equipment according to manufacturer specifications and site requirements, and address and report any issues to relevant personnel

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
Reading	Identifies and interprets information from workplace procedures and documentation
Self-management	Monitors and minimises own exposure to worksite risks and hazards during activities

Unit Mapping Information

New unit

Links

Companion Volume Implementation Guide is found on VETNet -

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