



Australian Government

RIIUND207E Conduct underground lifting 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 underground lifting operations in coal mining. It includes developing preliminary lifting plans, preparing anchors, directing load movements, connecting load to movement devices and dismantling and removing or restoring load shifting equipment.

It applies to those working in operational roles. They generally work under supervision to undertake a prescribed range of functions involving known routines and procedures and take some responsibility for the quality of work outcomes.

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

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 for underground lifting	1.1 Obtain, interpret, confirm and clarify work requirements 1.2 Access, interpret and apply documentation required for conducting underground lifting operations 1.3 Develop preliminary underground lifting plan according to job requirements 1.4 Confirm control measures for hazards associated with the use of lifting equipment and other lifting devices with relevant personnel 1.5 Finalise and confirm underground lifting plan and schedule resources according to job requirements
2. Prepare for	2.1 Identify, select, inspect and assemble underground lifting

ELEMENT	PERFORMANCE CRITERIA
underground lifting	equipment, materials and tools according to job requirements 2.2 Label unserviceable equipment, materials and tools according to site requirements 2.3 Select and prepare appropriate anchors according to strata control plan
3. Move loads	3.1 Identify and confirm appropriate safe working loads and centre of gravity 3.2 Direct load movement in an underground environment, according to job requirements, using standard load moving signals 3.3 Connect lifting gear to load according to site requirements 3.4 Connect load to movement device, according to site requirements, using appropriate and certified equipment 3.5 Confirm stability of the load by applying load movement, temporary bracing and/or load support procedures 3.6 Comply with required specifications during placement and securing of load 3.7 Dismantle and remove/restore load shifting equipment 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	Calculates basic measurements including mass and dimensions
Reading	Identifies and interprets information from workplace documentation
Self-management	Monitors and minimises own exposure to worksite risks and hazards during activities

Unit Mapping Information

Supersedes and is equivalent to RIIUND207D Conduct underground lifting operations.

Links

Companion Volume Implementation Guide is found on VETNet -

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