



Australian Government

RIIUND303E Operate winder for shaft sinking

Release: 1

RIIUND303E Operate winder for shaft sinking

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 operate a manual winder for shaft sinking in coal and metalliferous mining, including energising the system, adjusting speed and movement and monitoring and managing the winder performance.

It applies to those working in operational roles. They generally work under minimal supervision to undertake a broad range of tasks 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

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 operating a winder for shaft sinking	1.1 Obtain, interpret, confirm and clarify shift changeover details 1.2 Access, interpret and apply documentation required for operating a winder for shaft sinking 1.3 Select and wear personal protective equipment according to site requirements 1.4 Perform equipment and work area prestart checks according to site requirements 1.5 Check records for outstanding maintenance and inspections and recorded defects and respond according to site requirements

ELEMENT	PERFORMANCE CRITERIA
	<p>1.6 Identify and address potential risks, hazards and environmental issues and implement control measures according to site requirements</p> <p>1.7 Carry out start-up procedures and confirm area is clear for operations according to site requirements</p> <p>1.8 Apply dust suppression and extraction methods according to site requirements</p> <p>1.9 Confirm control cabin meets site requirements</p>
2. Conduct shaft sinking using manual winder	<p>2.1 Communicate with relevant personnel within scope of own role</p> <p>2.2 Confirm kibble is ready for operation</p> <p>2.3 Initiate the system, follow start-up procedures and operate winder according manufacturer specifications, site requirements, and directions from person in charge of cage</p> <p>2.4 Monitor and manage winder performance using appropriate indicators</p> <p>2.5 Adjust speed and movement as required</p> <p>2.6 Operate winder/s required for shaft sinking operations according manufacturer specifications and site requirements</p> <p>2.7 Carry out shutdown procedures according manufacturer specifications and site requirements</p>
3. Carry out winder inspections	<p>3.1 Isolate and prove isolation of equipment according manufacturer specifications and site requirements</p> <p>3.2 Inspect winder and auxiliary equipment and report faults/defects according to site requirements</p> <p>3.3 Prepare winder for routine servicing according to manufacturer specifications and site requirements</p>
4. Conduct end-of-shift	<p>4.1 Complete documentation according to site requirements</p> <p>4.2 Pass on end of shift information and hand over control to oncoming shift according to site requirements</p> <p>4.3 Confirm control room meets site requirements</p>

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"> Calculates basic measurements including mass and dimensions

SKILL	DESCRIPTION
Reading	<ul style="list-style-type: none">• Identifies and interprets information from workplace documentation and legislation
Self-management	<ul style="list-style-type: none">• Monitors and minimises own exposure to worksite risks and hazards during activities
Writing	<ul style="list-style-type: none">• Completes workplace reports using sector-specific vocabulary, grammatical structures and conventions

Unit Mapping Information

Supersedes and is equivalent to RIIUND303D Operate winder for shaft sinking.

Links

Companion Volume Implementation Guide is found on VETNet -

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