



Australian Government

RIIUND301D Operate manual winder

Release: 2

RIIUND301D Operate manual winder

Modification History

Release	Comment
1	This unit replaces RIIUND301A Operate manual winder
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 operate a manual winder in Metalliferous Mining.

This unit is appropriate for those working in operational roles.

Licensing, legislative, regulatory and certification requirements that apply to this unit can vary between states, territories, and Industry sectors. Relevant information must be sourced prior to application of the unit.

Unit Sector

Metalliferous mining

Elements and Performance Criteria

1. Plan and prepare for manual winder operations	1.1 Access, interpret and apply documentation and procedures for operating manual winders and ensure the work activity is compliant 1.2 Receive, interpret and clarify shift changeover details and take over control of winder 1.3 Select and wear personal protective equipment 1.4 Perform equipment and work area pre-operational checks to ensure equipment is ready for operation 1.5 Check records for outstanding maintenance/inspections, record defects and take action 1.6 Identify, address and report defects and potential hazards and risks 1.7 Carry out start-up procedures including checking that area is
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	clear for operations 1.8 Identify, address and report environmental issues 1.9 Adhere to emergency procedures 1.10 Apply dust suppression and extraction methods 1.11 Check and confirm that control cabin is environmentally and ergonomically sound
2. Haul personnel	2.1 Communicate with relevant personnel 2.2 Confirm cage is ready for operations 2.3 Initiate the system, follow start-up procedures and operate personnel cage, complying with directions from person in charge of cage 2.4 Monitor and manage cage performance using appropriate indicators 2.5 Adjust speed and movement as required 2.6 Carry out shutdown procedures
3. Haul equipment/ materials	3.1 Communicate with relevant personnel 3.2 Confirm cage/skip is ready for operation 3.3 Initiate the system, follow start-up procedures and transport equipment using manual winder 3.4 Adjust speed and movement as required 3.5 Monitor and manage cage and/or skip performance using appropriate indicators 3.6 Carry out shutdown procedures
4. Carry out winder inspections	4.1 Isolate and prove isolation of equipment 4.2 Inspect winder and auxiliary equipment and report faults/defects 4.3 Prepare winder for routine servicing
5. Conduct end-of shift activities	5.1 Complete all required written documentation 5.2 Pass on end-of-shift information verbally or in writing and hand over control to oncoming shift 5.3 Ensure control room is clean and tidy

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

RIIUND301A Operate manual winder

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 RIIUND301D Operate manual winder

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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 documentation, policies and procedures
- demonstrates completion of the operation of manual winders that safely, effectively and efficiently meets all of the required outcomes on more than one (1) occasion including:
 - completing start-up and shutdown procedures
 - applying dust suppression and extraction methods
 - energising the system
 - completing personnel haulage operations using manual winder
 - completing equipment haulage operations using manual winder
 - monitor and manage cage and skip performance
 - isolate and inspect winder

Knowledge Evidence

The candidate must demonstrate knowledge in operating a manual winder through:

- use hand tools
- the key areas of mining acts and regulations
- winder types, systems and operations
- shaft configuration and construction
- shaft services and installations (pipes, cables, ladders etc)
- identification of defects relevant to skip operations through inspection or observation

- primary and secondary ventilation/mine ventilation system
- shaft installations
- in-shaft communications equipment

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 must be assessed in the context of this sector's work environment; 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.
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*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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