



Australian Government

RIIUND302D Conduct cage operations

Release: 2

RIIUND302D Conduct cage operations

Modification History

Release	Comment
1	This unit replaces RIIUND302A Conduct cage operations
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 conduct cage operations 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 conducting cage operations	1.1 Access, interpret and apply documentation and procedures for conducting cage operations and ensure the work activity is compliant 1.2 Receive, interpret and clarify shift changeover details 1.3 Select and wear appropriate personal protective equipment 1.4 Perform equipment and work area pre-start checks 1.5 Check records for outstanding maintenance/inspections and recorded defects and take action 1.6 Identify, address and report potential risks and hazards 1.7 Carry out start-up procedures, including checking that area is clear for operations 1.8 Identify, address and report environmental issues
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	1.9	Adhere to emergency procedures
2. Operate cage	2.1	Load cage within capacity and comply with specified limits
	2.2	Position and secure loads in or attached to cage prior to transit
	2.3	Communicate with relevant personnel
	2.4	Operate cage safely
	2.5	Monitor and manage cage performance using appropriate indicators
	2.6	Complete all required written documentation clearly, concisely and on time
	2.7	Pass on end of shift information verbally or in writing to oncoming shift
3. Transport explosives in the cage	3.1	Identify explosives used on site
	3.2	Determine and ensure the segregation and separation of detonators and explosives
	3.3	Secure and transport blasting agents and explosives
	3.4	Track and record in writing movement of explosives and detonators
4. Carry out operator maintenance	4.1	Isolate cage before conducting operator maintenance
	4.2	Service and make minor adjustments to equipment
	4.3	Restore cage operations

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

RIIUND302A Conduct cage operations

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 RIIUND302D Conduct cage operations

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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 conducting cage operations that safely, effectively and efficiently meets all of the required outcomes on more than one (1) occasion including:
 - completing start-up procedures
 - completing cage operation procedures
 - completing transporting explosives operations
 - monitoring and managing cage performance using indicators
 - isolating, servicing, cleaning and adjusting the cage

Knowledge Evidence

The candidate must demonstrate knowledge in conducting cage operations through:

- hand and power tools
- the key areas of mining acts and regulations pertaining to winding
- identification of defects relevant to cage operations through inspection or observation
- trip and fault procedures and abnormal conditions
- communication system between cage and winder
- isolation and permit-to-work procedures
- mine ventilation system
- site procedures

- in-shaft communication 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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