



Australian Government

RIIMCO303D Conduct auger miner operations

Release: 2

RIIMCO303D Conduct auger miner operations

Modification History

Release	Comment
1	This unit replaces RIIMCO303A Conduct auger miner 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 auger miner operations in Coal Mining (Open Cut).

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

Coal mining (Open Cut)

Elements and Performance Criteria

1. Plan and prepare to conduct auger miner operations	1.1. Access, interpret and apply auger miner operations documentation, and ensure the work activity is compliant 1.2. Conduct pre-start checks in accordance with safety requirements 1.3. Access, interpret and apply geological and survey data 1.4. Select and wear appropriate personal protective equipment 1.5. Identify, address and report potential hazards and risk 1.6. Obtain and interpret emergency procedures, and be prepared for fire/accident/emergency
2. Operate auger miner	2.1. Coordinate activities with others at the site prior to commencement of, and during, the work activity.

	2.2. Carry out pre-start, start-up, park-up and shutdown procedures in accordance with manufacturer's instructions 2.3. Conduct, control and monitor auger mining procedures within equipment limitations and capacity 2.4. Select required loading method and position equipment and haulage units to meet this requirement 2.5. Act or report on monitoring systems and alarms 2.6. Complete the work plan
3. Carry out operator maintenance	3.1. Prepare the machine for maintenance 3.2. Carry out routine and scheduled maintenance tasks 3.3. Clear worksite of tools, debris and defective components and restore to site and safety requirements 3.4. Process written maintenance records

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

RIIMCO303A Conduct auger miner 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 RIIMCO303D Conduct auger miner 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 applicable legislation, documentation, policies and procedures for auger miner operations
- implements the requirements, procedures and techniques for the safe, effective and efficient completion of auger miner operations including:
 - applying hand-eye coordination
 - applying diagnostic techniques
 - disposing of environmentally sensitive fluids and materials
- works with others to undertake and complete the auger miner operations in a way that meets all of the required outcomes by:
 - communicating clearly and concisely with others to receive and clarify work instructions, and convey work progress
- demonstrates completion of conducting auger miner operations that safely, effectively and efficiently meets all of the required outcomes on more than one (1) occasion including:
 - conducting pre-start checks, start-up, park, shutdown and secure equipment procedures
 - conducting, controlling and monitoring auger mining procedures
 - selecting the required loading method and positioning of haulage units
 - mining to correct depths and horizons
 - maintaining alignment
 - responding to changes in seam dip
 - completing the work plan
 - driving, operating and relocating the auger miner

- maintaining written maintenance and equipment records

Knowledge Evidence

The candidate must demonstrate knowledge in conducting auger miner operations through:

- accessing, interpreting and applying organisation and site requirements and procedures for conducting auger miner operations for:
- monitoring wall stability
- interpreting geological and survey data
- applying environmental constraints in auger mining operations
- identifying loading methods and haulage units
- being prepared for events for fire/accident/emergency

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.	

*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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