



Australian Government

**Assessment Requirements for
RIIMCO303E Conduct auger miner
operations**

Release: 2

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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.

Performance Evidence

The candidate must demonstrate the ability to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including evidence of the ability to:

- conduct auger miner operations on at least two occasions, including:
 - carrying out prestart checks, start-up, park and shutdown procedures
 - carrying out, controlling and monitoring auger mining procedures
 - selecting the required loading method and positioning of haulage units
 - mining to required depths and horizons
 - maintaining alignment
 - responding to changes in seam dip
 - completing the work plan
 - driving, operating and relocating the auger miner
 - completing maintenance and equipment records.

During the above, the candidate must:

- locate and apply applicable legislation, documentation, policies and procedures for auger miner operations and confirm to work activity is compliant
- implement the requirements, procedures and techniques for conducting auger miner operations, including:
 - applying hand-eye coordination
 - applying diagnostic techniques
 - disposing of environmentally sensitive fluids and materials
- work with others to undertake and complete auger miner operations in a way that meets required outcomes, including:
 - communicating clearly and concisely with others to receive and clarify work instructions and convey work progress.

Knowledge Evidence

The candidate must be able to demonstrate knowledge to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including knowledge of:

- key legislation required to conduct auger miner operations
- key policies, procedures and documentation required to conduct auger miner operations, including those for:
 - boarding and disembarking procedures
 - relocation procedures
 - advance and retraction procedures
 - operational signal procedures
 - monitoring wall stability
 - interpreting geological and survey data
 - applying environmental constraints
 - identifying loading methods and haulage units
- auger miner machine characteristics, technical capabilities and limitations, including:
 - auger miner design types
 - prestart checks, start-up, park and shutdown procedures
 - loading methods, including:
 - drive by
 - stockpile
 - single side
 - haulage units, including:
 - rear dump
 - belly dump
 - road trucks
 - operating procedures, including:
 - pad preparation
 - planning and set up
 - mining
 - loading and repositioning
 - miner controls, including those required to:
 - mine to required depths and horizons
 - maintain alignment
 - respond to changes in seam dip
 - coordination requirements with relevant personnel and equipment
 - preparing auger miners for maintenance and conducting inspection, fault finding and scheduled maintenance
- principles and techniques for identifying and responding to relevant hazards and emergencies
- site requirements for completing maintenance records and reporting requirements

- techniques for coordinating and communicating job activities with others.

Assessment Conditions

Mandatory conditions for assessment of this unit are stipulated below. The assessment must:

- include access to:
 - auger miner
 - personal protective equipment
 - equipment required to conduct auger miner operations
- be conducted in a safe environment; and,
- be assessed in the context of this sector's work environment; and,
- be assessed in compliance with relevant legislation/regulation and using policies, procedures and processes directly related to the industry sector for which it is being assessed; and,
- confirm consistent performance can be applied in a range of relevant workplace circumstances.

Where personal safety or environmental damage are limiting factors, assessment may occur in a simulated work environment* provided it is realistic and sufficiently rigorous to cover all aspects of this sector's workplace performance, including environment, task skills, task management skills, contingency management skills and job role environment skills.

Assessor requirements

Assessors must be able to clearly demonstrate current and relevant industry knowledge and experience to satisfy the mandatory regulatory standards as set out in the Standards for Registered Training Organisations (RTOs) 2015/Australian Quality Training Framework mandatory requirements for assessors current at the time of assessment and any relevant licensing and certification requirements. This includes:

- vocational competencies at least to the level being delivered and assessed
- current industry skills directly relevant to the training and assessment being provided
- current knowledge and skills in vocational training and learning that informs their training and assessment
- formal relevant qualifications in training and assessment
- having knowledge of and/or experience using the latest techniques and processes
- possessing the required level of RII training product knowledge
- having an understanding and knowledge of legislation and regulations relevant to the industry and to employment and workplaces
- demonstrating the performance evidence, and knowledge evidence outlined in this unit of competency, and
- the minimum years of current** work experience after competency has been obtained as specified below in an industry sector relevant to the outcomes of the unit.

It is also acceptable for the appropriately qualified assessor to work with an industry expert to conduct assessment together and for the industry expert to be involved in the assessment judgement. The industry expert must have current industry skills directly relevant to the training and assessment being provided. This means the industry subject matter expert must demonstrate skills and knowledge from the minimum years of current work experience after competency has been obtained as specified below, including time spent in roles related to the unit being assessed:

Industry sector	AQF indicator level***	Required assessor or industry subject matter expert experience
Drilling, Metalliferous Mining, Coal Mining, Extractive (Quarrying) and Civil Infrastructure	1	1 year
	2	2 years
Drilling, Coal Mining, Extractive (Quarrying), Metalliferous Mining and Civil Infrastructure	3-6	3 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.	

*Guidance on simulated environments has been stipulated in the Companion Volume Implementation Guide located on VETNet.

**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 a minimum number of site assessments as determined by the relevant industry sector, across various locations.

*** While a unit of competency does not have an AQF level, where a unit is being delivered outside of a qualification the first numeric character in the unit code should be considered as the AQF indicator level for assessment purposes.

Links

Companion Volume implementation guides is found on VETNet -

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