



Australian Government

RIIVEH203D Operate light vehicle underground

Release: 4

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Modification History

Release	Comment
1	This unit replaces RIIVEH203B Operate light vehicle underground.
2	Editorial corrections.
3	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.
4	Editorial corrections.

Application

This unit describes a participant's skills and knowledge required to operate a light vehicle underground in the Coal and Metalliferous mining.

This unit is appropriate for those working in operational roles.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Unit Sector

Metalliferous mining (underground)

Coal mining (underground)

Elements and Performance Criteria

1. Plan and prepare for light vehicle operations underground	1.1 Access, interpret and apply underground light vehicle operations documentation and ensure the work activity is compliant 1.2 Plan vehicle operation considering work activity, route, passengers and equipment safety 1.3 Obtain, read, interpret, and clarify vehicle information and work requirements 1.4 Identify, address and report potential risks and hazards 1.5 Select and wear personal protective equipment appropriate for
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	work activities 1.6 Conduct equipment pre-start checks, ensure equipment is ready for operation 1.7 Identify, address and report environmental issues 1.8 Communicate verbally and in writing to other personnel using approved underground communication methods 1.9 Adhere to emergency procedures, ensure safety of others, plant and equipment
2. Drive light vehicle underground	2.1 Carry out start-up procedures 2.2 Operate equipment considering immediate environment/conditions, within recommended speed, engine capability, limitations and capacity of equipment 2.3 Monitor equipment performance indicators/gauges, ensure efficient vehicle operations 2.4 Manoeuvre vehicle/equipment, ensure safety of other equipment and others 2.5 Assess road conditions and site conditions, apply appropriate driving techniques 2.6 Follow mine procedures for giving way to pedestrians and other vehicles 2.7 Complete written work activity 2.8 Carry out shut down/parking procedures
3. Carry out operator maintenance	3.1 Conduct visual inspections and fault finding 3.2 Conduct routine operational servicing 3.3 Adhere to site underground breakdown procedures
4. Conduct housekeeping activities	4.1 Clean and maintain equipment 4.2 Clean and store attachments and other ancillary equipment 4.3 Complete all required records and documentation

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

RIIVEH203B Operate light vehicle underground

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 RIIVEH203D Operate light vehicle underground

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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 operating light vehicle underground that safely, effectively and efficiently meets all of the required outcomes on more than one (1) occasion including:
 - organising work activities to comply with site standards
 - carry out pre-start checks
 - identify and clearly report environmental issues
 - clearly communicate with other personnel
 - carry out start-up procedures
 - operate, steer, manoeuvre and position vehicle and ancillary equipment
 - carry out inspections and identify faults
 - process written records and reports
 - clean, maintain and store vehicle and all attachments

Knowledge Evidence

The candidate must demonstrate knowledge of the following when operating a light vehicle underground through:

- accessing, interpreting and applying the organisation and site requirements and procedures
- interpretation of geological and technical data
- complying with hazardous goods procedures and consequences of spills
- complying with isolation procedures
- identifying and working within mine operational system
- carrying out operational procedures and checks

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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