



Australian Government

RIIMPO210D Conduct underground truck operations

Release: 4

RIIMPO210D Conduct underground truck operations

Modification History

Release	Comment
1	This unit replaces RIIMPO210A Conduct underground truck operations. Checking Work Areas for Spillage included; removed Operator to Ensure truck is Loaded Without Spillage.
2	Modification History inserted.
3	Editorial corrections; amend reference to Licensing requirements in Unit Application.
4	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 underground truck 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 underground truck operations	1.1 Access, interpret and apply underground truck operations documentation and ensure the work activity is compliant 1.2 Obtain, read, interpret, clarify and confirm work requirements 1.3 Identify and address potential risks, hazards and environmental issues and implement control measures 1.4 Select and wear personal protective equipment appropriate for
--	---

	work activities 1.5 Perform equipment pre-start checks and ensure equipment is ready for operation 1.6 Carry out start-up procedures 1.7 Inspect and assess site conditions to determine if scaling is required and take action according to site requirements 1.8 Adhere to emergency procedures and ensure safety of others, equipment and site 1.9 Use approved dust suppression and extraction methods 1.10 Communicate to others verbally or in writing end of shift information to oncoming shift
2. Load material	2.1 Check work area for spillage prior to entering the loading area to prevent plant and tyre damage 2.2 Position truck for loading clear of services 2.3 Remain in truck when loading or at safe distance from loading operation
3. Haul material	3.1 Drive and operate truck safely within working environment limitations and road conditions, observing safe driving conventions 3.2 Confirm type of material and haul to designated location 3.3 Communicate with others using site communication systems and methods 3.4 Maintain hauling efficiency by managing working environment 3.5 Monitor and manage equipment performance using appropriate indicators to aid efficient operations 3.6 Identify, remove, and dispose of contaminants 3.7 Identify and manage spillages on hauling surface 3.8 Ensure tray is in the correct position before equipment is in motion
4. Discharge material	4.1 Check safety provisions are in place before entering and leaving tipping site 4.2 Position truck in safe area 4.3 Discharge load 4.4 Lower or retract tray fully before driving off the tipping area
5. Carry out operator maintenance	5.1 Carry out shutdown procedures 5.2 Service and make minor adjustments to equipment

6. Conduct housekeeping activities	6.1 Clean equipment to maintain condition of equipment and ensure safe and efficient operations 6.2 Manage and/or report hazards to maintain a safe working environment
------------------------------------	---

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

No equivalent unit

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 RIIMPO210D Conduct underground truck operations

Modification History

Release	Comment
1	This unit replaces RIIMPO210A Conduct underground truck operations. Checking Work Areas for Spillage included; removed Operator to Ensure truck is Loaded Without Spillage.
2	Modification History inserted.
3	Editorial corrections; amend reference to Licensing requirements in Unit Application.
4	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.

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
- implements procedures and techniques for the safe, effective and efficient conducting of underground truck operations including:
 - performs pre start checks, identifies and reports issues prior to commencing operations
 - identifies hazards, risks and environmental issues that may affect operations, corrects within authorised capability and report these to their supervisor
 - establishing safety provisions before discharging materials
 - conducting routine housekeeping to maintain equipment condition and the work environment
- works effectively with others to conduct underground truck operations and meet all of the required outcomes including:
 - using a range of communications techniques and equipment to convey information to others
 - complying with written and verbal reporting requirements and procedures

- demonstrates completion of conducting underground truck operations that safely, effectively and efficiently meets all of the required outcomes on more than one (1) occasion including:
 - driving and manoeuvring truck smoothly, adjusting operations for the work environment and road conditions
 - correctly positions the truck for loading of materials
 - positioning tray correctly before moving vehicle from loading or after discharging
 - hauls materials to designated locations
 - identifying and managing spills on the haul surface
 - identifying, removing and disposing of contaminants
 - correctly positions the truck for discharge of materials
 - undertakes approved truck shutdown procedures
 - identifies issues with equipment and makes minor adjustments

Knowledge Evidence

The candidate must demonstrate knowledge of the following when conducting underground truck operations:

- interpreting ground conditions
- equipment parking
- operational procedures and checks
- equipment processes, technical capability and limitations
- road rules
- adhering to manufacturer's specifications
- towing methods

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

Links

Companion Volume implementation guides are found in VETNet -

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