



Australian Government

RIIMPO502D Manage the interaction of heavy and light vehicles and mining equipment

Release: 3

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Modification History

Release	Comment
1	This unit replaces RIIMPO502A Manage the interaction of heavy and light vehicles and mining equipment.
2	Editorial corrections; amend reference to Licensing requirements in Unit Application.
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.

Application

This unit describes a participant's skills and knowledge required to manage the interaction of heavy and light vehicles and mining equipment in Coal and Metalliferous mining and Extractive.

This unit is appropriate for those working in management 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

Extractive

Metalliferous mining

Elements and Performance Criteria

1. Plan and prepare to manage the interaction of heavy and light vehicles and mining equipment	1.1 Access, interpret and apply documentation to manage the interaction of heavy and light vehicles and mining equipment and ensure the work activity is compliant 1.2 Obtain, read, interpret, clarify and confirm work requirements 1.3 Identify and address risks, hazards and environmental issues and implement control measures
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	1.4 Select and wear personal protective equipment appropriate for work activities 1.5 Review the site Traffic Management Plan, policies, plans and standard operating procedures 1.6 Identify and record site requirements for the interaction of transport systems and equipment 1.7 Identify contingencies and define other issues on the job, that will affect the interaction of the transport systems and equipment 1.8 Access and determine, in consultation, the appropriateness of standard operating procedures and revise
2. Manage the interaction of vehicles and mining equipment	2.1 Monitor the implementation and effectiveness of systems, practices and procedures 2.2 Identify, clarify and communicate requirements in the interaction of vehicles and equipment 2.3 Ensure adequate records are collected to allow assessment of safety and efficiency 2.4 Ensure all traffic management procedures are implemented and monitored for effectiveness 2.5 Ensure hazard identification procedures are implemented and monitored for effectiveness 2.6 Manage interaction of vehicles and mining equipment to ensure safety and optimum efficiency
3. Monitor and review interaction of vehicles and mining equipment systems	3.1 Monitor and review, in consultation, the effectiveness of strategies to control identified hazards and contingencies 3.2 Monitor the interaction of vehicles and equipment to ensure safety and optimum efficiency 3.3 Review systems and records, and develop strategies to improve safety and efficiency 3.4 Obtain specialist advice or assistance where required to develop improvement strategies 3.5 Seek approval for major changes to the Traffic Management Plan or Procedures 3.6 Implement, in consultation, the agreed rectification requirements

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

RIIMPO502A Manage the interaction of heavy and light vehicles and mining equipment

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 RIIMPO502D Manage the interaction of heavy and light vehicles and mining equipment

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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 legislation, documentation, policies and procedures
- implements procedures and techniques for the safe, effective and efficient management of the interaction of heavy and light vehicles and mining equipment including:
 - analysing and resolving system issues
 - developing and implementing monitoring and measuring systems
 - facilitating operational meetings
 - managing the continual improvement of systems
- works effectively with others to undertake and complete the management of the interaction of heavy and light vehicles and mining equipment including:
 - using a range of communications techniques and equipment to convey information to others
 - maintaining clear and legible written records and the reporting systems
 - interpreting and implementing policy
 - consulting with other parties
 - coordinating activities of others
 - managing information
 - applying interpersonal skills

- demonstrates completion of managing the interaction of heavy and light vehicles and mining equipment that safely, effectively and efficiently meets all of the required outcomes on more than one (1) occasion including:
 - managing the implementation and continuous improvement of the traffic management system, including:
 - compiling and analysing relevant information and scope of the work
 - identifying viable options and the selection of options that best meet the required outcomes
 - developing and implementing systems and management plans
 - monitoring the implementation of systems
 - rectifying issues to the implementation of systems as authorised

Knowledge Evidence

The candidate must demonstrate knowledge of the following when managing the interaction of heavy and light vehicles and mining equipment:

- managing the limitations of transport monitoring systems
- identifying the functions, capabilities and limitations of vehicles and mine equipment
- reviewing project reporting guidelines
- identifying and communicating roles and responsibilities
- planning for and managing contingencies

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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