



Australian Government

RIIMPO403D Monitor interaction of heavy and light vehicles and mining equipment

Release: 3

RIIMPO403D Monitor interaction of heavy and light vehicles and mining equipment

Modification History

Release	Comment
1	This unit replaces RIIMPO403A Monitor interaction of heavy and light vehicles and mining equipment.
2	Amended Knowledge Evidence; amend reference to Licensing requirements in Unit Application; 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.

Application

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

This unit is appropriate for those working in supervisory or technical specialist 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 for monitoring vehicles and mining equipment	1.1 Access, interpret and apply documentation to monitor 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 1.4 Select and wear personal protective equipment appropriate for work activities 1.5 Identify and record site requirements for the interaction of transport systems and equipment 1.6 Access interpret and apply the specifications for the required transport systems and equipment 1.7 Identify, clarify and communicate roles and responsibilities 1.8 Identify and confirm monitoring systems
2. Monitor vehicles and mining equipment	2.1 Monitor effectiveness of policies, plans, procedures and workplace practices against objectives, timelines, key performance indicators and regulations 2.2 Validate use of vehicles and equipment and record in accordance with the project specifications 2.3 Identify hazards associated with interaction of transport and equipment 2.4 Evaluate hazards and respond to risks 2.5 Monitor interaction of vehicles and mining equipment to ensure optimum efficiency 2.6 Monitor hazard and incident data
3. Monitor and review operations	3.1 Identify and monitor the impact of contingencies 3.2 Use available information from monitoring processes and ensure accurate problem identification 3.3 Obtain specialist advice/assistance where required 3.4 Manage the impact of contingencies 3.5 Implement rectification requirements 3.6 Make reasoned recommendations to improve the systems

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

RIIMPO403A Monitor 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 RIIMPO403D Monitor interaction of heavy and light vehicles and mining equipment

Modification History

Release	Comment
1	This unit replaces RIIMPO403A Monitor interaction of heavy and light vehicles and mining equipment.
2	Amended Knowledge Evidence; amend reference to Licensing requirements in Unit Application; 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.

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 appropriate procedures and techniques for the safe, effective and efficient monitoring of the interaction of heavy and light vehicles and mining equipment including:
 - analyzing and resolving logistical problems
 - implementing monitoring and measuring systems
 - facilitating operational meetings
 - contributing to the continual improvement of systems
- works effectively with others to plan and prepare for monitoring 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
 - managing workplace relationships
 - preparing for and conducting briefings, toolbox and site meeting
 - interpreting and implementing policy
 - applying interpersonal skills
 - liaising with other parties

- coordinating activities of others
- managing information
- demonstrates completion of monitoring 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:
 - completion of monitoring reports which include:
 - identification of hazards
 - use available information from monitoring processes to accurately identify problems
 - the impact of contingencies
 - recommendations to improve the interaction of vehicles and mining equipment to ensure optimum efficiency

Knowledge Evidence

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

- monitoring accuracy and precision requirements
- identifying the limitations of transport systems
- identifying the functions, capabilities and limitations of vehicles and mine equipment
- implementing 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

Links

Companion Volume implementation guides are found in VETNet -

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