



Australian Government

RIIUND204D Refuel vehicles/machines underground

Release: 2

RIIUND204D Refuel vehicles/machines underground

Modification History

Release	Comment
1	This unit replaces RIIUND204A Refuel vehicles/machines underground
2	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 refuel vehicles/machines underground 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. Prepare for refuelling	1.1 Access, interpret and apply documentation and procedures for refuelling vehicles and machines underground and ensure the work activity is compliant 1.2 Comply with relevant regulations and standards 1.3 Locate designated fuel bay and manoeuvre vehicle/machine to correct refuelling location 1.4 Shutdown vehicle/machine by following correct shutdown procedures for refuelling area 1.5 Check fire fighting equipment in refuelling area before commencing 1.6 Check for and/or activate ventilation devices in refuelling area before commencing
---------------------------	--

2. Refuel vehicle/machine	2.1 Refuel vehicle/machine, staying with vehicle during the entire operation
	2.2 Comply with environmental procedures and response plans
3. Conduct housekeeping functions	3.1 Correctly re-hang hose and conduct fuel bay housekeeping
	3.2 Complete all required records and written 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

RIIUND204A Refuel vehicles/machines 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 RIIUND204D Refuel vehicles/machines underground

Modification History

Release	Comment
1	This unit replaces RIIUND204A Refuel vehicles/machines underground
2	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 the requirements, procedures and techniques for the safe, effective and efficient completion of refuelling vehicles/machines underground including:
 - checking fire fighting equipment
 - checking for and activating ventilation devices
 - complying with environmental procedures and response plans
 - selecting and fitting appropriate personal protective equipment
 - completing documentation for refuelling activities
- demonstrates completion of refuelling vehicles/machines underground that safely, effectively and efficiently meets all of the required outcomes on more than one (1) occasion including:
 - locating designated fuel bay and manoeuvring vehicle/machine to correct location
 - shutting down vehicle/machine
 - refuelling vehicle/machine
 - returning hoses to correct location

Knowledge Evidence

The candidate must demonstrate knowledge in refuelling vehicles/machines underground through:

- underground mine and site operations
- identifying hazards
- handling hazardous goods
- interpreting ground conditions
- interpreting plans, reports, maps and specifications
- recording and reporting
- work health and safety
- emergency situations and environmental issues
- isolation
- start-up and shutdown activities
- night and day working
- driving techniques in dark and enclosed conditions
- hand tools
- equipment processes, technical capability and limitations
- geological and technical data
- road rules

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>