



Australian Government

RIIUND305D Recover underground equipment

Release: 2

RIIUND305D Recover underground equipment

Modification History

Release	Comment
1	This unit replaces RIIUND305A Recover underground equipment
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 recover underground equipment 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 to recover underground equipment	1.1 Access, interpret and apply underground equipment recovery documentation and ensure the work activity is compliant 1.2 Obtain, interpret, clarify and confirm details of the recovery requirements 1.3 Access, interpret and apply environmental, geological and survey data 1.4 Assist in the preparation of a recovery plan 1.5 Estimate, obtain, transport and prepare materials and resources 1.6 Prepare worksite to ensure a safe work environment 1.7 Select and wear personal protective equipment appropriate
--	--

	for work activities 1.8 Inspect and assess site conditions to determine if scaling is required and take action 1.9 Arrange communications with other relevant site personnel 1.10 Obtain and interpret emergency procedures and be prepared for fire/accident/emergency
2. Recover equipment	2.1 Coordinate with others at the site prior to commencement of, and during, the work activity 2.2 Carry out pre-start, start-up, park-up and shutdown procedures 2.3 Install recovery equipment/plant and special services 2.4 Communicate with other equipment operators and personnel using approved communication methods 2.5 Access and apply safety information and procedures throughout the work 2.6 Recover equipment systematically, using approved methods and equipment, with minimal loss and damage to equipment 2.7 Identify and address hazardous and emergency situations 2.8 Place recovered equipment into the designated holding area
3. Carry out operator maintenance on recovery equipment/plant	3.1 Carry out recovery equipment inspections and fault finding 3.2 Carry out routine operational servicing, lubrication and housekeeping tasks 3.3 Carry out minor maintenance 3.4 Provide operator support during preparation for, and conduct of, major maintenance tasks 3.5 Process records

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

RIIUND305A Recover underground 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 RIIUND305D Recover underground equipment

Modification History

Release	Comment
1	This unit replaces RIIUND305A Recover underground equipment
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
- demonstrates completion of conducting line of site remote operations that safely, effectively and efficiently meets all of the required outcomes on more than one (1) occasion including:
 - completing pre-start, start-up, park-up and shutdown activities
 - installing recovery equipment, plant and special services
 - recovering equipment
 - completing equipment inspections and fault finding
 - completing operational servicing, lubricating and housekeeping

Knowledge Evidence

The candidate must demonstrate knowledge in recovering underground equipment through:

- accessing, interpreting and applying legislative, organisation and site requirements and procedures for:
 - operational safety
 - mine operations
 - recovery site control
 - operational signalling
 - mine communication systems

- identifying geological and environmental conditions in the recovery area
- identifying potential hazards and taking remedial or response actions
- identifying and applying a range of recovery methods
- applying loss and damage causes and control techniques

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>