



Australian Government

RIIUND202E Operate from elevated work platform underground

Release: 1

RIIUND202E Operate from elevated work platform underground

Modification History

Release	Comments
Release 1	This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0.

Application

This unit describes the skills and knowledge required to operate from elevated work platforms underground in coal and metalliferous mining, including positioning, setting up and stabilising work platforms and carrying out operator maintenance.

It applies to those working in operational roles. They generally work under supervision to undertake a prescribed range of functions involving known routines and procedures and take some responsibility for the quality of work outcomes.

Licensing, legislative and certification requirements that apply to this unit can vary between states, territories and industry sectors. Users must check requirements with relevant body before applying the unit.

Unit Sector

Coal mining

Metalliferous mining

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Plan and prepare to operate from an elevated work platform underground	1.1 Obtain, interpret, clarify and confirm shift changeover details 1.2 Access, interpret and apply documentation and procedures required for operating from elevated work platforms underground 1.3 Select and wear personal protective equipment according to site requirements 1.4 Select equipment according to job and site requirements 1.5 Inspect and assess site conditions, determine if scaling is required and respond according to site requirements 1.6 Carry out equipment pre-start checks according to manufacturer

ELEMENT	PERFORMANCE CRITERIA
	specifications and site requirements 1.7 Identify, address and report potential risks and hazards according to site requirements and confirm safe ventilation of work area 1.8 Obtain and interpret emergency procedures and identify steps required to respond to emergencies
2. Position and set up platform	2.1 Communicate work activities with others within scope of own role 2.2 Carry out start-up procedures according to manufacturer specifications and site requirements 2.3 Apply dust suppression and extraction methods according to site requirements 2.4 Position equipment according to job and site requirements 2.5 Stabilise work platform according to site requirements and ground conditions 2.6 Select and fit attachments according to job and site requirements
3. Conduct work activities from elevated platform	3.1 Use approved safety devices according to site requirements 3.2 Monitor and manage equipment performance using indicators according to site requirements 3.3 Operate equipment according to manufacturer specifications and site requirements 3.4 Complete required documentation according to site requirements 3.5 Pass on end of shift information to oncoming shift according to site requirements
4. Carry out operator maintenance and housekeeping	4.1 Carry out shutdown procedures according to manufacturer specifications and site requirements 4.2 Carry out operator maintenance, service and make minor adjustments to equipment according to manufacturer specifications and site requirements 4.3 Clean and maintain equipment according to manufacturer specifications and site requirements 4.4 Clean and store auxiliary service equipment according to site requirements

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance but not explicit in the performance criteria.

SKILL	DESCRIPTION
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SKILL	DESCRIPTION
Numeracy	Calculates basic measurements including mass and dimensions
Reading	Identifies and interprets information from workplace documentation
Self-management	Monitors and minimises own exposure to worksite risks and hazards during activities

Unit Mapping Information

Supersedes and is equivalent to RIIUND202D Operate from elevated work platform underground.

Links

Companion Volume implementation guides is found on VETNet -

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

Assessment Requirements for RIIUND202E Operate from elevated work platform underground

Modification History

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Performance Evidence

The candidate must demonstrate the ability to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including evidence of the ability to:

- operate from elevated work platforms underground on at least two occasions, including:
 - identifying and using approved dust suppression and extraction methods
 - positioning, setting up and stabilising elevated work platform
 - conducting work activities from an elevated work platform
 - identifying and using approved safety devices
 - maintaining, cleaning and storing equipment.

During the above, the candidate must:

- locate and apply required documentation, policies and procedures and confirm work activity is compliant
- implement the requirements, procedures and techniques for the safe, effective and efficient completion of operating from elevated work platforms underground including:
 - selecting and operating appropriate equipment
 - inspecting and assessing site conditions
 - carrying out pre-start checks, start-up and shutdown procedures
 - identifying, addressing and reporting risks and hazards and environmental issues
- work effectively with others to operate from an elevated work platform underground in a way that meets required outcomes, including:
 - organising work activities to meet task requirements
 - communicating clearly and concisely with others to receive and clarify work instructions
 - complying with reporting requirements and procedures.

Knowledge Evidence

The candidate must be able to demonstrate knowledge to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including knowledge of:

- key legislation required to operate from elevated work platform underground
- key policies, procedures and documentation required to operate from elevated work platform underground, including those relating to:
 - monitoring operations
 - work health and safety
 - equipment isolation
 - operational and site requirements
 - hand and power tools
- principles and techniques for dust suppression and extraction, including those for the following methods:
 - mobile/fixed sprays
 - screens (vent doors and vent blinds)
 - use of water trucks
 - ventilation bags operational
 - watering down site
- characteristics, technical capabilities and limitations for elevated work platforms and required equipment, including those for:
 - baskets
 - cherry pickers
 - crane boxes
 - scissor lifts
- principles and techniques for stabilising work platforms according to ground conditions
- principles and techniques for identifying and responding to relevant hazards and emergencies
- site requirements for housekeeping, completing maintenance records and reporting requirements
- basic techniques for communicating job activities with others.

Assessment Conditions

Mandatory conditions for assessment of this unit are stipulated below. The assessment must:

- include access to:
 - elevated work platform
 - personal protective equipment
 - equipment required to operate from elevated work platform underground
- be conducted in a safe environment; and,
- be assessed in the context of this sector's work environment; and,

- be assessed in compliance with relevant legislation/regulation and using policies, procedures and processes directly related to the industry sector for which it is being assessed; and,
- confirm consistent performance can be applied in a range of relevant workplace circumstances.

Where personal safety or environmental damage are limiting factors, assessment may occur in a simulated work environment* provided it is realistic and sufficiently rigorous to cover all aspects of this sector's workplace performance, including environment, task skills, task management skills, contingency management skills and job role environment skills.

Assessor requirements

Assessors must be able to clearly demonstrate current and relevant industry knowledge and experience to satisfy the mandatory regulatory standards as set out in the Standards for Registered Training Organisations (RTOs) 2015/Australian Quality Training Framework mandatory requirements for assessors current at the time of assessment and any relevant licensing and certification requirements. This includes:

- vocational competencies at least to the level being delivered and assessed
- current industry skills directly relevant to the training and assessment being provided
- current knowledge and skills in vocational training and learning that informs their training and assessment
- formal relevant qualifications in training and assessment
- having knowledge of and/or experience using the latest techniques and processes
- possessing the required level of RII training product knowledge
- having an understanding and knowledge of legislation and regulations relevant to the industry and to employment and workplaces
- demonstrating the performance evidence, and knowledge evidence outlined in this unit of competency, and
- the minimum years of current** work experience after competency has been obtained as specified below in an industry sector relevant to the outcomes of the unit.

It is also acceptable for the appropriately qualified assessor to work with an industry expert to conduct assessment together and for the industry expert to be involved in the assessment judgement. The industry expert must have current industry skills directly relevant to the training and assessment being provided. This means the industry subject matter expert must demonstrate skills and knowledge from the minimum years of current work experience after competency has been obtained as specified below, including time spent in roles related to the unit being assessed:

Industry sector	AQF indicator level***	Required assessor or industry subject matter expert experience
Drilling, Metalliferous Mining, Coal Mining, Extractive (Quarrying) and Civil Infrastructure	1	1 year
	2	2 years

Industry sector	AQF indicator level***	Required assessor or industry subject matter expert experience
Drilling, Coal Mining, Extractive (Quarrying), Metalliferous Mining and Civil Infrastructure	3-6	3 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.	

*Guidance on simulated environments has been stipulated in the Companion Volume Implementation Guide located on VETNet.

**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 a minimum number of site assessments as determined by the relevant industry sector, across various locations.

*** While a unit of competency does not have an AQF level, where a unit is being delivered outside of a qualification the first numeric character in the unit code should be considered as the AQF indicator level for assessment purposes.

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