



Australian Government

RIIPEO202E Provide deck support for conveyor-car high wall mining operations

Release: 1

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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 provide deck support for conveyor-car high wall mining operations in coal mining. It includes loading, unloading, staging and positioning conveyor-cars and connecting conveyor-car cables.

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.

No licensing, legislation, or certification requirements apply to this unit at the time of publication.

Unit Sector

Coal 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 for deck support operations	1.1 Obtain, interpret, clarify and confirm work requirements 1.2 Access, interpret and apply documentation required for conveyor-car high wall mining 1.3 Access, interpret and apply geological and survey data required to complete allocated work 1.4 Identify, address and report potential hazards and risks according to site requirements 1.5 Obtain and interpret emergency procedures and identify steps required to respond to emergencies 1.6 Select and wear personal protective equipment according to site

ELEMENT	PERFORMANCE CRITERIA
	requirements
2. Load and unload cars	2.1 Communicate work activities with others within scope of own role 2.2 Carry out prestart and start-up procedures according to manufacturer specifications and site requirements 2.3 Stage and position cars according to job requirements 2.4 Carry out cable connections according to job requirements
3. Operate cars	3.1 Remove surface dust from cars according to site requirements 3.2 Pin and unpin cars according to job requirements 3.3 Complete work plan according to job requirements and manufacturer specifications 3.4 Carry out shutdown and secure equipment procedures according to manufacturer specifications and site requirements
4. Carry out operator maintenance	4.1 Prepare machine for maintenance according to manufacturer specifications and site requirements 4.2 Conduct inspections and fault finding procedures according to manufacturer specifications and site requirements 4.3 Carry out scheduled maintenance tasks according to manufacturer specifications and site requirements 4.4 Complete maintenance records according to site requirements
5. Carry out housekeeping activities	5.1 Clear work area and dispose of or recycle materials according to site requirements 5.2 Clean and maintain condition of equipment, check suitability for use, and address/report issues according to site requirements 5.3 Manage and/or report hazards according to site requirements 5.4 Complete records 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
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 RIIPEO202D Provide deck support for conveyor-car high wall mining operations.

Links

Companion Volume Implementation Guide is found on VETNet -

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

Assessment Requirements for RIIPEO202E Provide deck support for conveyor-car high wall mining operations

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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:

- provide deck support for conveyor-car high wall mining operations on at least two occasions, including:
 - loading and unloading cars
 - staging and positioning conveyor-cars
 - connecting cables
 - conducting work plan operations.

During the above, the candidate must:

- locate and apply required documentation, policies and procedures and confirm work activity is compliant
- work effectively with others to provide deck support for conveyor-car high wall mining operation that meets required outcomes, including:
 - using a range of communications techniques and equipment to convey information to others
 - complying with reporting requirements and procedures
 - communicating clearly and concisely with others to receive and clarify work instructions.

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 policies, procedures and documentation required to provide deck support for conveyor-car high wall mining operations, including those relating to:
 - site and equipment safety
 - site mining systems and procedures

- conveyor-car and conveyor-car equipment characteristics, technical capabilities and limitations, including:
 - loading and unloading techniques
 - staging and positioning techniques, including:
 - angle of launch
 - impact of weather
 - staging devices
 - lanyard systems
 - electrical and gas monitoring cable connection techniques
- techniques for applying site geological and survey data related to high wall mining operations, including:
 - go and no-go zones
 - high-wall stability
 - gas conditions
- characteristics and potential impacts of mine gases
- site environmental requirements and limitations relating to conveyor-car high wall mining operations
- techniques for applying conveyor-car manufacturer manuals, requirements and procedures
- principles and techniques for identifying and responding to relevant hazards and emergencies, including:
 - emergency responses, including:
 - emergency retraction
 - evacuation
 - fire procedures
 - hazardous conditions, including:
 - wet weather
 - gas
 - fire
 - highwall stability
- site requirements for housekeeping, completing maintenance records and reporting requirements
- basic techniques for communicating job activities with others, including:
 - system operators
 - loader drivers.

Assessment Conditions

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

- include access to:
 - personal protective equipment

- equipment required to provide deck support for conveyor-car high wall mining operations
- 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	1	1 year

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