



Australian Government

RIIMCO202D Conduct mobile slew conveyor operations

Release: 2

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Modification History

Release	Comment
1	This unit replaces RIIMCO202A Conduct mobile slew conveyor operations
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 conduct mobile slew conveyor operations in Coal 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

Coal mining

Elements and Performance Criteria

1. Plan and prepare to conduct mobile slew conveyor operations	1.1 Access, interpret and apply documentation and procedures for conducting mobile slew conveyor operations, ensure the work activity is compliant 1.2 Conduct pre-start checks 1.3 Plan route to be travelled, identify new hazardous conditions and implement control measures 1.4 Position mobile slew conveyor accurately, safely and stabilise prior to commencement of operations 1.5 Prepare mobile slew conveyor for operation in accordance with machine limitations and digging conditions 1.6 Select and wear appropriate personal protective equipment 1.7 Identify, address and report potential hazards and risk
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	1.8 Obtain and interpret emergency procedures, and be prepared for fire/accident/emergency
2. Operate mobile slew conveyor	2.1 Carry out start-up, park and shutdown, and secure equipment procedures 2.2 Coordinate activities with others at the site prior to commencing, during and on completion of the work activity 2.3 Carry out travel and steering in unison with excavator and hopper within operating and safety limits 2.4 Operate relevant mobile slew conveyor controls and functions from stationary mode, including – boom up, boom down, hoist up, hoist down, travel slew, to effectively lift and position loads, within equipment limitations and capacity 2.5 Relocate mobile slew conveyor to new location in mine 2.6 Monitor and act on fault indicator/enunciator panel 2.7 Complete the work plan
3. Carry out operator maintenance	3.1 Prepare machine for maintenance 3.2 Carry out routine and scheduled maintenance tasks 3.3 Clear worksite of tools, debris and defective components and restore to site and safety requirements 3.4 Process written and verbal maintenance records
4. Carry out inspection, testing and reporting	4.1 Conduct inspection and fault finding, including: 4.2 Equipment structures and components 4.3 Safety devices 4.4 Fire service systems 4.5 Process records and reporting requirements

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

RIIMCO202A Conduct mobile slew conveyor operations

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 RIIMCO202D Conduct mobile slew conveyor operations

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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 applicable legislation, documentation, policies and procedures
- implements the requirements, procedures and techniques for the safe, effective and efficient completion of mobile slew conveyor operations including:
 - applying diagnostic techniques
 - applying hand-eye coordination
 - recognising site hand signals
- works with others to undertake and complete the mobile slew conveyor operations in a way that meets all of the required outcomes including:
 - communicating clearly and concisely with others to receive and clarify work instructions, and convey work progress
- demonstrates completion of conducting mobile slew conveyor operations that safely, effectively and efficiently meets all of the required outcomes on more than one (1) occasion including:
 - conducting pre-start checks, start-up, park, shutdown, and secure equipment procedures
 - operating and relocating the mobile slew conveyor
 - inspecting and testing safety device and fire service systems
 - inspecting and testing structures and components for three (3) of the following:
 - belts
 - sensors and indicators
 - idlers and pulleys

- gearboxes
- motors
- couplings
- hydraulics
- frames
- completing the work plan
- maintaining written and verbal maintenance records

Knowledge Evidence

The candidate must demonstrate knowledge when conducting mobile slew conveyor operations through:

- identifying, accessing, interpreting and applying technical information including:
 - risk assessment and hazard management for situations
 - following access and permit procedures
 - boarding and disembarking procedures
 - working behind protective barriers
 - procedures for clearing blocked chutes and excessive spills
 - procedures covering moving parts and working on hot machinery
- assessing ground conditions, and interpreting mine site geological and survey data
- identifying site conveyor and bucket wheel system components, belt sizes, loading capacities and optimum digging rates
- being prepared for events for fire/accident/emergency

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

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