



Australian Government

RIIMPO305E Conduct coal stockpile dozer operations

Release: 1

RIIMPO305E Conduct coal stockpile dozer operations

Modification History

Release	Comment
1	This unit replaces RIIMPO305D Conduct coal stockpile dozer operations. Performance evidence removed wording 'towing and pushing of equipment and plant'. Performance criteria 2.4 removed. Mapping table added.

Application

This unit describes a participant's skills and knowledge required to conduct coal stockpile dozer 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 for stockpile dozer operations	1.1 Access, interpret and apply stockpile operations documentation, and ensure the work activity is compliant 1.2 Obtain, read, interpret, clarify and confirm work requirements 1.3 Identify and address risks, hazards and environmental issues and implement control measures 1.4 Select and wear personal protective equipment appropriate for work activities 1.5 Interpret and apply basic geological and survey data required to complete the allocated task 1.6 Select, and check for faults, equipment and/or attachments for work activities 1.7 Obtain and interpret emergency procedures, and be prepared for fire/accident/emergency
2. Operate stockpile	2.1 Carry out start-up, park, shutdown and secure equipment

dozer	procedures 2.2 Coordinate activities with others at the site prior to commencing, during, and on completion of the work activity 2.3 Drive dozer and effectively use dozer controls and functions to complete specified tasks 2.4 Act on or report monitoring systems and alarms 2.5 Continually monitor hazards and risks, and ensure safety of self, other personnel, plant and equipment
3. Perform stockpile operations	3.1 Remove coal from predetermined stockpile location in accordance with work specifications 3.2 Form slope and height to work specifications 3.3 Pack coal to prevent air ingress, fires and weather channelling 3.4 Level stockpiles to tolerances 3.5 Monitor and respond to spontaneous combustion indicators 3.6 Monitor and respond to contamination indicators 3.7 Complete the work plan, within the operating capacities of the equipment
4. Carry out operator maintenance	4.1 Prepare machine for maintenance 4.2 Conduct inspection and fault finding 4.3 Carry out scheduled maintenance tasks 4.4 Return machine to service 4.5 Process written maintenance records
5. Conduct housekeeping activities	5.1 Clear work area and dispose of or recycle materials 5.2 Manage and/or report hazards, and maintain a safe working environment 5.3 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

Code and title current version	Code and title previous version	Comments	Equivalence status
RIIMPO305E Conduct coal stockpile dozer operations	RIIMPO305D Conduct coal stockpile dozer operations	Performance criteria and performance evidence removed.	Not equivalent

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 RIIMPO305E Conduct coal stockpile dozer operations

Modification History

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1	This unit replaces RIIMPO305D Conduct coal stockpile dozer operations. Performance evidence removed wording 'towing and pushing of equipment and plant'. Performance criteria 2.4 removed. Mapping table added.

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 coal stockpile dozer operations including:
 - conducting prestart checks prior to commencing operations and shutdown procedures on completion of operations
 - carrying out vehicle refuelling requirements and procedures
 - applying safe work practices and identifying and reporting all potential hazards, risks and environmental issues
 - applying problem solving and troubleshooting techniques
 - carrying out towing and pushing of equipment and plant
 - working safely around other machines and personnel
- works effectively with others to undertake and complete the coal stockpile dozer operations that meet all of the required outcomes including:
 - using a range of communications techniques and equipment to convey information to others
 - maintaining written and verbal reporting requirements and procedures
- demonstrates completion of conducting coal stockpile dozer operations that safely, effectively and efficiently meets all of the required outcomes on more than one (1) occasion including:
 - driving and operating the stockpile dozer for operations
 - adjusting equipment operations to suit site conditions
 - identifying when stockpile is close to or at capacity and adjust activity to ensure safety to persons, equipment and the environment
 - locating the draw down point, bridged materials and open holes

- demonstrating skills on coal stockpiles in varying conditions of weather, lighting and stockpile volume

Knowledge Evidence

The candidate must demonstrate knowledge of the following when conducting coal stockpile dozer operations:

- spontaneous combustion situations
- equipment lowering and lifting
- equipment processes, technical capability and limitations
- geological and technical data (basic)
- preparation for fire/accident/emergency
- signs of operator fatigue and how it should be managed
- loading techniques
- plans, reports, maps, specifications
- operational, maintenance and basic diagnostics
- housekeeping activities
- not parking up near open holes or draw down points

Assessment Conditions

- Assessors must satisfy the Standards for Registered Training Organisations (RTOs) 2015/AQTF mandatory competency requirements for assessors; 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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