



Australian Government

RIIMPO306D Operate plant/machinery on live stockpiles

Release: 3

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Modification History

Release	Comment
1	This unit replaces RIIMPO306A Operate plant/machinery on live stockpiles.
2	Editorial corrections.
3	Performance Criteria corrections. Title of element 3 corrected. 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 operate plant/machinery on live stockpiles in Civil construction, Coal and Metalliferous mining and Extractive.

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

Civil construction

Coal mining

Extractive

Metalliferous mining

Elements and Performance Criteria

1. Prepare for operation of plant/machinery on live stockpile	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
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	work activities 1.5 Interpret and apply geological and survey data required to complete the allocated work 1.6 Inspect and assess state of stockpile slope stability 1.7 Obtain and interpret emergency procedures, and be prepared for fire/accident/emergency
2. Push and place materials on the stockpile	2.1 Coordinate activities with others at the site prior to commencement of, and during, the work activity 2.2 Carry out start-up, park, shutdown and secure equipment procedures 2.3 Drive and operate equipment effectively using controls and functions to complete specified tasks 2.4 Identify location, and build and maintain windrows, and ensure safe operating distance from edges of stockpile 2.5 Continuously assess location of stockpile edge in relation to operating plant/equipment and stability of stockpile slope 2.6 Push materials perpendicular to and facing the slope edge and avoiding operation parallel to the stockpile edge 2.7 Continually monitor hazards and risks, and ensure safety of self, other personnel, plant and equipment 2.8 Operate at a speed consistent with the type of work being performed and the current ground conditions
3. Push and place materials around draw points and bridged materials	3.1 Inspect stockpile, and identify the location of draw points/holes and suspected bridged materials and ensure that draw points/holes are clearly indicated 3.2 Continuously assess location of draw points/holes and bridged materials in relation to operating plant/equipment to maintain safe operation 3.3 Operate plant/machinery perpendicular to the edge of the draw hole or bridged material maintaining a safe distance from draw hole/bridge 3.4 Communicate with relevant site personnel to determine the feeders being used and the amount of material being drawn from the stockpile 3.5 Complete the work plan, within the operating capacities of the equipment

4. Finalise stockpile operations	4.1 Carry out plant/equipment shut-down procedures 4.2 Clean, inspect and store attachments and equipment 4.3 Clean and leave plant/equipment parked on stable, flat ground for use by next operator 4.4 Report location and state/condition of plant/equipment before going off shift 4.5 Complete all required records and documents
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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

No equivalent Unit

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 RIIMPO306D Operate plant/machinery on live stockpiles

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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 relevant documentation, policies and procedures
- implements the requirements, procedures and techniques for the safe, effective and efficient operation of plant/machinery on live stockpiles including:
 - conducting prestart checks prior to commencing operations and shutdown procedures on completion of operations
 - carrying out vehicle refuelling requirements and procedures
 - driving and operating the equipment to site conditions
 - applying safe work practices and identifying and reporting all potential hazards, risks and environmental issues
 - applying problem solving and troubleshooting techniques
 - working safely around other machines and personnel
- works effectively with others to operate plant/machinery on live stockpiles and 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 operating plant/machinery on live stockpiles 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
 - demonstrates skills of pushing and placing of materials on coal stockpiles in varying conditions of weather, lighting and stockpile volume
 - 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 avoids open holes
 - towing and pushing of equipment and plant
 - not parking up near open holes or draw down points

Knowledge Evidence

The candidate must demonstrate knowledge of the following when operating plant/machinery on live stockpiles:

- being prepared for spontaneous combustion situation
- completing equipment lowering and lifting
- communicating and performing isolation procedures
- identifying equipment processes, technical capability and limitations
- identifying, interpreting and using geological and technical data (basic)
- being prepared for fire/accident/emergency
- identifying signs of operator fatigue and how it should be managed identifying

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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