



Australian Government

RIIMPO336D Conduct belly dump truck operations

Release: 4

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Modification History

Release	Comment
1	Three units, RIIMPO336D, RIIMPO337D AND RIIMPO338D were developed to replace RIIMPO311A to reflect different types of vehicles used for this task.
2	Inserted Modification History; editorial corrections.
3	Removed repetition from Performance Criteria; amend reference to Licensing requirements in Unit Application; editorial corrections.
4	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 belly dump truck operations in Civil construction, Coal and Metalliferous mining and Extractive.

This unit is appropriate for those who work 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. Plan and prepare for belly dump truck operations	1.1 Access, interpret and apply conducting belly dump truck operations documentation and ensure the work activity is compliant
	1.2 Obtain, read, interpret, clarify and confirm work requirements
	1.3 Identify and address potential risks, hazards and

	environmental issues, and implement control measures 1.4 Select and wear personal protective equipment appropriate for work activities 1.5 Access, interpret and apply required geological and survey data 1.6 Inspect and prepare work area in coordination with others 1.7 Resolve coordination requirements with others at the site prior to commencing, during and on completions of work activities
2. Operate belly dump truck	2.1 Isolate vehicle and carry out pre-start checks including a walk around the vehicle and inspection of the body and tyres and report any issues identified 2.2 Enter and exit the vehicle using a three points of contact technique 2.3 Conduct start-up procedures, then start up the vehicle 2.4 Select and modify the operating/drive technique to appropriately meet changing work conditions 2.5 Drive, manoeuvre, conduct and control operations within the vehicle limitations 2.6 Act on or report monitoring systems and alarms 2.7 Continually monitor hazards and risks, and ensure safety to self, others, plant and equipment 2.8 Conduct park-up and shutdown procedures
3. Load, haul and dump materials	3.1 Position belly dump truck under loading unit and load vehicle 3.2 Carry out approved haulage operations 3.3 Control gate opening and vehicle speed to create even spread of material when dumping 3.4 Complete load, haul and dump work activity
4. Carry out belly dump truck post-operational procedures	4.1 Prepare vehicle for maintenance 4.2 Conduct inspection and fault finding 4.3 Carry out scheduled maintenance tasks 4.4 Refuel vehicle 4.5 Return vehicle to service 4.6 Process written maintenance 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

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 RIIMPO336D Conduct belly dump truck 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 relevant documentation, policies and procedures
- works effectively with others to undertake and complete the conduct of belly dump trucks that meets all of the required outcomes including:
 - using a range of communications techniques and equipment to convey information to others
 - coordinates activities with others
 - working safely around other machines and personnel
- demonstrates completion of conducting belly dump truck operations that safely, effectively and efficiently meets all of the required outcomes on more than one (1) occasion including:
 - driving and manoeuvring belly dump vehicle smoothly, adjusting operation techniques for the work environment and changing work conditions
 - operating belly dump vehicle within limitations
 - correctly positioning the belly dump vehicle for loading of materials under one (1) of the following loading equipment:
 - shovels

- wheel loaders
- excavators
- bins
- conveyor belts
- draglines
- hauling materials to designated location/s i.e. Tip Head, Crusher pocket, Waste Dump etc
- correctly positions the vehicle for discharging materials
- controlling the degree of gate opening and the speed of the vehicle during discharge
- controlling the discharge rate to spread load evenly
- identifying issues with vehicle equipment and makes minor adjustments

Knowledge Evidence

The candidate must demonstrate knowledge of the following when conducting belly dump truck operations:

- equipment safety requirements
- equipment operating, maintenance and cleaning requirements and procedures
- vehicle refuelling procedures
- complying with operational system
- start-up and shutdown procedures
- hauling procedures
- loading procedures
- changing work conditions
- systems and alarms

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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