



Australian Government

RIIPEO302E Operate and monitor ore car dumpers

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 operate and monitor ore car dumpers in coal and metalliferous mining, including carrying out rail, plant and equipment isolations and routine operational maintenance.

It applies to those working in operational roles. They generally work under minimal supervision to undertake a broad range of tasks in varied work contexts, using some discretion and judgement in selecting equipment, services or contingency measures

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

Unit Sector

Coal mining

Metalliferous 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. Prepare for car dumper operations	1.1 Access, interpret and apply documentation required for ore car dumpers 1.2 Obtain, interpret and clarify and confirm work requirements before proceeding 1.3 Identify yard layout limit and locations of derailleurs 1.4 Identify and address potential risks, hazards and environmental issues and implement control measures according to site requirements 1.5 Obtain and interpret emergency procedures and identify steps required to respond to emergencies

ELEMENT	PERFORMANCE CRITERIA
	1.6 Select and wear personal protective equipment according to site requirements 1.7 Identify locations of emergency stop devices 1.8 Locate first aid areas
2. Conduct and monitor car dumper operations	2.1 Communicate work activities with others within scope of own role 2.2 Assist rail operations to position ore cars in the car dumper according to job requirements 2.3 Confirm correct plant operation according to job requirements 2.4 Carry out car dumper prestart checks on all levels according to manufacturer specifications and site requirements 2.5 Conduct prestart checks and plant inspection and identify, rectify and report defects according to site requirements 2.6 Conduct car dumper operations according to job requirements and manufacturer specifications 2.7 Respond or report monitoring systems and alarms according to site requirements 2.8 Monitor and confirm safe operation of ore handling system and equipment
3. Maintain car dumper equipment	3.1 Carry out rail, plant and equipment isolations according to manufacturer specifications and site requirements 3.2 Carry out routine operational maintenance according to site requirements 3.3 Inspect and maintain the work area according to site requirements
4. Shutdown car dumper equipment	4.1 Carry out car dumper shutdown procedures according to manufacturer specifications and site requirements 4.2 Isolate fixed plant and equipment according to manufacturer specifications and site requirements 4.3 Perform post shutdown and isolation checks according to site requirements 4.4 Return dumper equipment to service according to manufacturer specifications and site requirements 4.5 Provide operator support for maintenance tasks according to site requirements 4.6 Complete documentation according to site requirements 4.7 Communicate key job details to relevant personnel 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 site requirements and documentation
Self-management	Monitors and minimises own exposure to worksite risks and hazards during activities
Writing	Completes workplace reports using sector-specific vocabulary, grammatical structures and conventions

Unit Mapping Information

Supersedes and is equivalent to RIIPEO302D Operate and monitor ore car dumpers.

Links

Companion Volume Implementation Guide is found on VETNet -

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