



Australian Government

RIIMPO333D Conduct underground load haul dump operations

Release: 1

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Modification History

Not applicable.

Application

This unit describes a participant's skills and knowledge required to Conduct underground load, haul and dump truck operations in the Metalliferous mining.

This unit is appropriate for those working in operational roles.

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

Unit Sector

Metalliferous mining (Underground)

Elements and Performance Criteria

<p>1. Plan and prepare for underground load, haul and dump operations</p>	<p>1.1 Access, interpret and apply underground load, haul and dump operations documentation and ensure the work activity is compliant</p> <p>1.2 Obtain, read, interpret, clarify and confirm work requirements</p> <p>1.3 Identify and address risks, hazards and environmental issues and implement control measures</p> <p>1.4 Select and wear personal protective equipment appropriate for work activities</p> <p>1.5 Select, and check for faults, equipment and/or attachments for work activities</p> <p>1.6 Obtain and interpret emergency procedures, and be prepared for fire/accident/emergency</p> <p>1.7 Inspect and assess site conditions to determine if scaling is required and take action according to site requirements</p> <p>1.8 Use approved dust suppression and extraction methods</p> <p>1.9 Ensure work area is well ventilated before entry</p> <p>1.10 Identify need for, and apply signage and barricades during each stage of activities</p>
<p>2. Operate load, haul, dump plant</p>	<p>2.1 Carry out start-up, park, shutdown and secure equipment procedures</p> <p>2.2 Coordinate activities with others at the site prior to commencement of, and during, the work activity</p> <p>2.3 Drive and operate equipment safely within working environment, load limitations and road conditions</p> <p>2.4 Monitor and manage equipment performance using appropriate indicators and ensure efficiency of operations</p> <p>2.5 Continually monitor hazards and risks, and ensure safety of self, other personnel, plant and equipment</p> <p>2.6 Complete the work plan, within the operating capacities of the plant</p>
<p>3. Load material</p>	<p>3.1 Wash down surrounding area and wet material to suppress dust</p> <p>3.2 Scale down loose material</p> <p>3.3 Check job site and identify and manages possible misfires in accordance with site procedures</p> <p>3.4 Check, identify and remove contaminants</p> <p>3.5 Ensure all hoses and other auxiliary services are neatly stored</p>

	3.6	Bog to work plan removing required materials
	3.7	Ensure road is kept clear during bogging
4. Haul material	4.1	Confirm type of material and haul to designated location
	4.2	Lower bucket in recommended position
	4.3	Identify and manage spillages on hauling surface
	4.4	Maintain hauling efficiency by managing working environment conditions
5. Dump materials	5.1	Slow equipment to crawl when approaching dump site
	5.2	Lift bucket to appropriate height in readiness for dumping, maintaining stability of loader
	5.3	Dump material evenly distributing load or as required
6. Clean up job site	6.1	Scale down site ensuring loose materials are dislodged safely
	6.2	Leave site and surrounding area clear, safe and accessible
7. Carry out operator maintenance	7.1	Prepare machine for maintenance
	7.2	Conduct inspection and fault finding
	7.3	Carry out scheduled maintenance tasks
	7.4	Process written maintenance records
8. Carry out housekeeping activities	8.1	Clear work area and dispose of or recycle materials
	8.2	Clean and maintain condition of equipment, ensure suitability for use, and address/report issues
	8.3	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

RIIMPO333 Conduct underground load, haul and dump truck operations

Links

SkillsDMC RII Companion Volumes - <http://www.skillsdmc.com.au/>