



Australian Government

RIIHAN307E Operate a vehicle loading crane

Release: 1

RIIHAN307E Operate a vehicle loading crane

Modification History

Release	Comments
Release 1	This version first released with RII Resources and Infrastructure Industry Training Package Version 3.0.

Application

This unit describes the skills and knowledge required to operate, maintain and shift loads using a vehicle loading crane.

This unit applies to those working in site-based roles.

The work required in this unit relates to the National Standard for High Risk Work but this unit does not provide the licence. Licensing, legislative, regulatory or certification requirements that may apply to this unit can vary between states, territories, and industry sectors, and must be sourced from relevant state jurisdictions prior to applying this unit.

Unit Sector

Coal mining

Extractive

Drilling

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 vehicle loading crane operations	1.1 Access, interpret and apply crane operation documentation and procedures to ensure work activity is compliant 1.2 Obtain, interpret, clarify and confirm work requirements 1.3 Identify hazards and environmental issues assess the risks and implement control measures in line with workplace policies and procedures 1.4 Select and wear personal protective equipment required for work

ELEMENT	PERFORMANCE CRITERIA
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	<p>activities</p> <p>1.5 Identify and display signage and erect barricades to isolate the work area in line with workplace procedures</p> <p>1.6 Identify and select required vehicle loading crane equipment, and confirm suitability for work activities</p> <p>1.7 Identify and confirm load to be shifted according to workplace procedures</p> <p>1.8 Communicate with dogman and confirm attachments are assembled and quantity of load is in line with workplace procedures, specifications, vehicle limitations and/or rigging requirements</p> <p>1.9 Determine and implement no-go zones, confirm work area is clear and identify and control crane operating hazards prior to the commencement of the lift in line with workplace procedures</p> <p>1.10 Coordinate and communicate planned activities in line with work requirements, including using recommended load moving signals</p>
2. Operate vehicle loading crane in line with established requirements to complete work activity	<p>2.1 Perform pre-start and start-up checks and vehicle positioning procedures in line with workplace procedures</p> <p>2.2 Identify faults and rectify within scope of own responsibility and according to workplace procedures</p> <p>2.3 Ensure load and equipment are secure and stable in line with workplace procedures</p> <p>2.4 Lift to re-position loads using crane controls and techniques suited to equipment capabilities, site and work conditions, and according to workplace procedures</p> <p>2.5 Monitor load, and crane hook movements and locations throughout the load transfer</p> <p>2.6 Monitor hazards and risks during operations, including potential emergency situations, and respond accordingly</p> <p>2.7 Monitor and manage equipment performance using indicators and alarms</p> <p>2.8 Park up, shut down, secure and carry out post operational inspection of equipment in line with workplace procedures</p>
3. Conduct housekeeping activities	<p>3.1 Clean, check and store plant, tools and equipment as per workplace procedures</p> <p>3.2 Clear work area and dispose of reused or recycled fluids and</p>

ELEMENT	PERFORMANCE CRITERIA
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	materials as per workplace procedures 3.3 Manage and/or report hazards to maintain a safe working environment 3.4 Complete and file or distribute documentation

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance.

Skill	Description
Reading	<ul style="list-style-type: none"> Identifies and interprets relevant information from workplace procedures, documentation, legislation and regulations
Numeracy	<ul style="list-style-type: none"> Identifies and comprehends relevant mathematical information in relation to equipment operating capacities

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
RIIHAN307E Operate a vehicle loading crane (Release 1)	RIIHAN307D Operate a vehicle loading crane (Release 3)	Minor updates to reflect changes to operator maintenance activities	Equivalent unit

Links

Companion Volume implementation guides are found in VETNet - <https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=88a61002-9a21-4386-aaf8-69c76e675272>