



**Australian Government**

# **RIIHAN305D Operate a gantry or overhead crane**

**Release: 4**

## RIIHAN305D Operate a gantry or overhead crane

### Modification History

Release	Comment
1	This unit replaces RIIHAN305A Operate a gantry or overhead crane.
2	Editorial corrections Amended reference to Licensing requirements in Unit Application
3	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.
4	This version was released with RII Resources and Infrastructure Training Package version 3.0.

### Application

This unit describes a participant's skills and knowledge required to operate a gantry or overhead crane, including planning and preparing and performing operational servicing.

This unit is appropriate for 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 and certification requirements that apply to this unit can vary between states, territories and industry sectors, and must be sourced prior to application of the unit.

### 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. Plan and prepare for gantry/overhead crane operations	1.1 Access, interpret and apply crane operation 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

	<p>issues, and implement control measures</p> <p>1.4 Select and wear personal protective equipment appropriate for work activities</p> <p>1.5 Coordinate activities with others prior to commencement and throughout operations</p>
2. Operate gantry/overhead crane	<p>2.1 Prepare load for lift in accordance with crane limitations and rigging requirements</p> <p>2.2 Perform pre-start, start-up, park-up and shutdown procedures</p> <p>2.3 Confirm the work area hazards are removed or controlled prior to commencing the lift</p> <p>2.4 Interpret signals in accordance with AS2550</p> <p>2.5 Operate controls to lift, transfer and lower loads</p> <p>2.6 Monitor lift operations and ensure compliance</p>
3. Perform gantry/overhead crane operator maintenance	<p>3.1 Inspect crane for faults</p> <p>3.2 Perform routine operational servicing, lubrication and housekeeping tasks</p> <p>3.3 Process written records</p>

## 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"> <li>Identifies and interprets relevant information from workplace procedures, documentation, legislation and regulations</li> </ul>
Numeracy	<ul style="list-style-type: none"> <li>Identifies and comprehends relevant mathematical information in required to determine equipment operating capacities</li> </ul>
Oral communication	<ul style="list-style-type: none"> <li>Uses listening and questioning to clarify and confirm understanding</li> <li>Presents information or assistance using industry specific vocabulary</li> </ul>

## Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
RIIHAN305D Operate a gantry or overhead crane (Release 4)	RIIHAN305D Operate a gantry or overhead crane (Release 3)	Minor updates to application and assessor requirements and formatting for consistency	Equivalent unit

## Links

Companion Volume implementation guides are found in VETNet -

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