



**Australian Government**

# **RIIHAN209D Perform basic rigging**

**Release: 1**

## **RIIHAN209D Perform basic rigging**

### **Modification History**

Not applicable.

## Application

This unit describes a participant's skills and knowledge required to perform basic rigging in the Resources and Infrastructure Industries.

This unit is appropriate for those working in operational roles.

The work required in this unit relates to the National Standard for High Risk Work.

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.

## Elements and Performance Criteria

1. Plan and prepare for basic rigging	<p>1.1 Access, interpret and apply rigging documentation and ensure the work activity is compliant</p> <p>1.2 Obtain, read, interpret, clarify and confirm work requirements before proceeding</p> <p>1.3 Select and wear personal protective equipment appropriate for work activities</p> <p>1.4 Develop a written preliminary rigging plan and site sketch considering essential information</p> <p>1.5 Check and confirm job feasibility and schedule with the client, the load designer and other relevant persons</p> <p>1.6 Confirm hazards associated with the use of cranes and other load moving equipment and identify and review measures to eliminate or control these hazards with appropriate parties</p> <p>1.7 Finalise and confirm rigging plan, including the scheduling of required resources</p> <p>1.8 Safety requirements are followed in accordance with safety plans and policies</p> <p>1.9 Identify and implement signage/barricading requirements</p>
2. Prepare rigging equipment	<p>2.1 Select and inspect resources, materials and equipment for compliance with job specifications and applicable Australian standards</p> <p>2.2 Inspect lifting equipment according to manufacturer's specifications</p> <p>2.3 Label, reject and dispose of lifting equipment which is identified as inconsistent with manufacturer's specifications</p> <p>2.4 Sling loads and slings, ensuring protection of the load and associated equipment</p> <p>2.5 Secure whole or part loads to prevent uncontrolled movement</p>

	<p>2.6 Attach and position slings, or parts of slings, to the load, ensuring safe movement</p> <p>2.7 Attach slings, or parts of slings, to hook while the hoist wire is vertical</p> <p>2.8 Attach tag lines to the load where specified</p> <p>2.9 Perform test lifts, ensuring safe and secure movement of the load where specified</p>
3. Move loads	<p>3.1 Calculate and confirm appropriate safe working loads and centre gravity using load charts and standard calculation rules prior to load moving</p> <p>3.2 Perform load moving in accordance with the plan, acceptable safe work practices</p> <p>3.3 Perform work safely at heights, within incomplete structures and/or in confined and enclosed spaces</p> <p>3.4 Connect lifting gear to load to Australian standards and manufacturer's specifications</p> <p>3.5 Connect load to movement device using appropriate and certified equipment</p> <p>3.6 Ensure stability of the load by application of load movement procedure, temporary bracing and/or load support appropriate to the task</p> <p>3.7 Follow appropriate designers specifications during the placing and securing of the load</p> <p>3.8 Dismantle and remove/restore load shifting equipment</p> <p>3.9 Use standard communication signals are used in coordinating safe movement of the load</p>
4. Clean up	<p>4.1 Clear work area and dispose of, reused or recycle materials</p> <p>4.2 Clean, check, maintain and store plant, tools and equipment</p> <p>4.3 Apply work completion procedures, notify personnel of work completion</p>

## 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**

RIIHAN209A Perform basic rigging

## **Links**

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