



Australian Government

RIIHAN209E Perform basic rigging

Release: 1

RIIHAN209E Perform basic rigging

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 perform basic rigging, including planning for rigging, preparing rigging equipment and moving loads.

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

Drilling

Extractive

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. Plan basic rigging operations	1.1 Access, interpret and apply rigging documentation to ensure the work activity is compliant 1.2 Obtain, interpret, clarify and confirm work requirements 1.3 Write preliminary rigging plan and site sketch considering information essential to perform work activity 1.4 Confirm job feasibility and schedule work activity with the client, the load designer, and other relevant persons to perform the work activity

	1.5 Identify hazards associated with the use of load moving equipment and review measures to eliminate or control these hazards with appropriate parties and in line with standard operating procedures 1.6 Calculate and confirm safe working loads and centre gravity using load charts and standard calculation rules prior to load moving 1.7 Finalise and confirm rigging plan, including the scheduling of required resources 1.8 Check safety requirements for rigging operations are in accordance with safety plans and policies 1.9 Select and wear personal protective equipment required for work activities 1.10 Identify and display signage, and erect barricades to isolate the work area in line with workplace procedures
2. Prepare rigging equipment	2.1 Select and inspect resources, materials and rigging equipment to perform work activity in line with job specifications and applicable Australian standards 2.2 Confirm lifting equipment is appropriate and safe to perform work activity according to manufacturer's guidelines, engineering specifications and organisational policies and procedures 2.3 Label and dispose of lifting equipment identified as inconsistent with manufacturer's guidelines, engineering specifications and organisational policies and procedures 2.4 Prepare loads and slings, ensuring protection of the load and associated equipment 2.5 Secure whole or part loads to prevent uncontrolled movement 2.6 Attach and position slings, or parts of slings, to the load, ensuring safe movement and attach slings, or parts of slings, to hook while the hoist wire is vertical in line with safe work practices 2.7 Attach tag lines to the load where specified within work requirements, and according to workplace procedures 2.8 Confirm lifting gear is attached to load to Australian standards, manufacturer's guidelines, engineering specifications and organisational policies and procedures 2.9 Perform test lifts, ensuring stable and secure movement of loads
3. Move loads using basic rigging techniques and relevant equipment to complete work activity	3.1 Connect lifting gear to load to Australian standards, manufacturer's guidelines, engineering specifications and organisational policies and procedures 3.2 Connect load to movement device using appropriate and certified equipment 3.3 Stabilise loads by application of load movement procedures,

	temporary bracing and/or by installing or erecting load support appropriate to the work activity 3.4 Coordinate and communicate planned activities, including using load moving signals according to workplace procedures 3.5 Move loads in line with work activity, workplace procedures and working safely at heights as appropriate to the work environment 3.6 Place and secure loads in line with load designer specifications to complete work activity 3.7 Dismantle and remove or restore load shifting equipment in a manner that complies with safe work practices
4. Conduct housekeeping activities	4.1 Clean, check, maintain and store plant, tools and equipment according to workplace procedures 4.2 Clear work area and dispose of or recycle materials according to workplace procedures 4.3 Notify appropriate personnel of work completion 4.4 Complete and file documentation and distribute according to workplace requirements

Foundation Skills

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

Skill	Description
Reading	Identifies and interprets relevant information from workplace procedures, documentation, legislation and regulations
Numeracy	Identifies and comprehends relevant mathematical information in required to determine equipment operating capacities

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
RIIHAN209E Conduct basic rigging operations (Release 1)	RIIHAN209D Perform basic rigging (Release 3)	Minor updates to all sections to reflect operator's role.	Equivalent unit

Links

Companion Volume implementation guides are found in VETNet -

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