



Australian Government

CPCCR13012 Perform basic rigging

Release: 2

CPCCR13012 Perform basic rigging

Modification History

Release 2 Updated reference to general construction induction training program.

Release 1 This version first released with CPC Construction, Plumbing and Services Training Package Release 5.0.

Supersedes and is equivalent to CPCCR13012A Perform basic rigging. Updated to meet the Standards for Training Packages 2012.

Application

This unit specifies the skills and knowledge required to erect or install permanent steel structures, dismantle structural steel, and move or locate plant and equipment using a range of basic rigging and dogging techniques. It includes load distribution.

It applies to workers who perform rigging duties for erection and installation of steel structures and for moving plant and equipment, and who would be expected to take responsibility for organising and completing these tasks with a high degree of self direction.

Completion of the general construction induction training program, specified in the Safe Work Australia model Code of Practice: Construction Work, is required by anyone carrying out construction work. Achievement of *CPCWHS1001 Prepare to work safely in the construction industry* meets this requirement.

Licensing, legislative, regulatory or certification requirements apply to this unit of competency in some states and territories. For further information, check with the relevant regulatory authority.

Pre-requisite Unit

CPCWHS2001 Apply WHS requirements, policies and procedures in the construction industry

Unit Sector

Construction

Elements and Performance Criteria

Elements describe the essential outcomes.

Performance criteria describe what needs to be done to demonstrate achievement of the element.

1 Plan and prepare to	1.1 Interpret work order and associated documentation and
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| perform basic rigging. | | clarify requirements with relevant persons. |
| | 1.2 | Plan all work to comply with relevant legislation, regulations, standards, codes, work health and safety, environmental and workplace requirements. |
| | 1.3 | Select plant, tools and equipment required for work tasks, check for serviceability and rectify or report identified faults. |
| | 1.4 | Erect required safety signage and barricades and select and fit personal protective equipment (PPE). |
| 2 Check basic rigging equipment. | 2.1 | Inspect lifting equipment in accordance with manufacturer and workplace requirements. |
| | 2.2 | Label, reject and dispose of any lifting equipment identified as inconsistent with manufacturer requirements, to prevent its use in any circumstance. |
| 3 Connect basic rigging equipment. | 3.1 | Calculate and confirm load mass and load distribution. |
| | 3.2 | Secure whole or part loads to prevent uncontrolled movement. |
| | 3.3 | Attach slings, or parts of slings, to load, and position them to ensure safe movement and to protect load and associated equipment. |
| | 3.4 | Attach slings, or parts of slings, to hook while hoist wire is vertical. |
| | 3.5 | Attach tag lines to load as specified. |
| | 3.6 | Check load distribution. |
| | 3.7 | Perform test lifts to ensure safe and secure movement of load as specified. |
| 4 Move and position loads using basic rigging equipment. | 4.1 | Determine load destination and prepare landing area to accept load. |
| | 4.2 | Assemble lifting or pulling device and erect where specified. |

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| | 4.3 | Move load safely to required destination and secure in position in accordance with work order and workplace requirements. |
| | 4.4 | Use standard communication signals to coordinate safe movement of load. |
| 5 Remove basic rigging equipment. | 5.1 | Dismantle lifting/moving equipment and packing, return to resting position and inspect for wear. |
| | 5.2 | Complete logbook and site records in accordance with workplace requirements. |
| 6 Clean up. | 6.1 | Clear work area and dispose of, reuse or recycle materials in accordance with regulatory and workplace requirements. |
| | 6.2 | Clean, check, maintain and store tools and equipment in accordance with manufacturer and workplace requirements. |

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Unit Mapping Information

Supersedes and is equivalent to CPCCR13012A Perform basic rigging.

Links

Companion volumes to this training package are available at the VETNet website - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=7e15fa6a-68b8-4097-b099-030a5569b1ad>

Assessment Requirements for CPCCR3012 Perform basic rigging

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Performance Evidence

To demonstrate competency in this unit, a candidate must meet the elements and performance criteria by performing basic rigging to complete the following three tasks:

- install and use a fall arrest system to sling, receive, place and brace a minimum 16 m² and a minimum of 5 m high module of structural steel in the correct sequence
- set up, place, install and brace perimeter safety screen and jump for two floors and a loading bay
- skid, locate and install heavy industrial equipment using winches and creeper skids for at least one tonne of plant.

Knowledge Evidence

To be competent in this unit, a candidate must demonstrate knowledge of:

- workplace and regulatory requirements for performing basic rigging under applicable Commonwealth, state or territory work health and safety (WHS) legislation and codes of practice:
 - job safety and environmental analyses (JSEAs)
 - safe work method statements (SWMSs)
 - safety data sheets (SDSs)
 - safety manuals and instructions for plant, tools and equipment
 - signage and barricades
 - personal protective equipment (PPE)
 - environmental and worksite safety plans
 - reporting problems
- mathematical processes for calculating load mass and distribution
- techniques for performing basic rigging:
 - assessing lifting tasks for time required for completion

- determining most efficient order for lifting tasks to coordinate with other site activities and to use resources efficiently
- documenting schedules
- modifying schedules
- communicating schedules and changes to schedules to crane crew and team members
- requirements for cleaning up work area, maintaining and storing tools, equipment and materials, and for environmentally friendly waste management.

Assessment Conditions

Assessors must meet the requirements for assessors outlined in the Standards for Registered Training Organisations.

Assessment must be conducted in the workplace or a simulated workplace using realistic conditions, materials, activities, responsibilities, procedures, safety requirements and environmental considerations.

Candidates must have access to:

- industry-standard equipment required to perform the tasks specified in the Performance Evidence
- appropriate workplace information and records, including policies, procedures and legislative requirements.

Links

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