



**Australian Government**

# **CPCCRI3012 Perform basic rigging**

**Release: 1**

# CPCCR13012 Perform basic rigging

## Modification History

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 perform basic rigging.

1.1 Interpret work order and associated documentation and 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.
  - 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>