



Australian Government

Assessment Requirements for CPCCR13013 Perform intermediate rigging

Release: 3

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Modification History

- Release 3 Updated reference to general construction induction training program.
- Release 2 This version first released with CPC Construction, Plumbing and Services Training Package Release 5.1.
Correction to Unit Mapping.
- Release 1 This version first released with CPC Construction, Plumbing and Services Training Package Release 5.0.
Supersedes and is equivalent to CPCCR13013A Perform intermediate rigging.
Unit mapping corrected. Updated to meet the Standards for Training Packages 2012.

Performance Evidence

To demonstrate competency in this unit, a candidate must meet the elements and performance criteria and perform intermediate rigging to move and position two loads involving:

- erecting and dismantling at least one lattice boom crane and fly using correct rigging and slinging techniques
- erecting a multi-point precast tilt-up slab of at least ten tonnes with correct rigging, slinging and de-rigging techniques, including determining lifting points, temporary supports and permanent fixing points from drawings.

Candidates must apply both single and dual lifting techniques.

Knowledge Evidence

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

- workplace and regulatory requirements for performing intermediate 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)

- working at heights requirements
- environmental and worksite safety plans
- reporting problems
- scope of work for performing intermediate rigging:
 - calculations:
 - load charts
 - fleet angles
 - diverter sheaves
 - lead loads
 - head loads
 - load angle factors
 - multiple fall
 - load share distribution
 - precast compliance charts
 - safe working loads
 - load slinging methods:
 - straight sling
 - adjustable sling
 - reeved sling
 - inclined sling
 - using lifting techniques, including single and dual lifts
- types, characteristics and limitations of tools and equipment required for performing intermediate rigging:
 - chain slings
 - flexible steel wire rope (FSWR) slings
 - natural or synthetic fibre slings
 - lifting devices:
 - shackles
 - turn buckles
 - jacks
 - chain winches
 - hand-operated creeper winches
 - chain blocks
 - pulley blocks
 - come-alongs
 - air winches
 - trolleys
 - eye bolts
 - rigging screws
 - lifting lugs

- lifting clutches
- snatch blocks
- load shifting equipment:
 - skates
 - hydraulic jacks
 - winches
 - rails
- personnel cartage systems, including man boxes and elevated work platforms
- requirements for using tools, equipment and materials for performing advanced structural steel erection:
 - safe operating procedures
 - operational, maintenance and basic diagnostic procedures
 - workplace and equipment safety requirements
- signalling methods and communications
- processes for completing logbooks and site records
- requirements for cleaning up work area, maintaining and storing plant, 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

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>