



Australian Government

CPCCLRG3002 Licence to perform rigging intermediate level

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 8.0.
Changes to the Application of the unit and Performance Criteria 4.3.
- Release 1 This version first released with CPC Construction, Plumbing and Services Training Package Release 5.0.
Supersedes and is equivalent to CPCCLRG3002A Licence to perform rigging intermediate level. Updated to meet the Standards for Training Packages 2012.

Application

This unit specifies the skills and knowledge required to safely perform intermediate rigging work.

Riggers use mechanical load shifting equipment and associated gear to move, place or secure loads, including plant, equipment or members of a building or structure. Riggers ensure the stability of those members and set up and dismantle cranes and hoists.

This unit includes rigging work involving:

- hoists with jibs and self-climbing hoists
- cranes, conveyors, dredges and excavators
- tilt slabs
- demolition of structures or plant
- multiple lifts.

Rigging work is undertaken in construction and other industries where load shifting equipment is used to move, place or secure loads.

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.

This unit has a pre-requisite requirement. This requirement may be met by either the successful completion of the unit *CPCCLRG3001 Licence to perform rigging basic level* or holding a valid licence for basic rigging.

Competence in this unit does not in itself result in a licence. A licence is obtained after competence is assessed under applicable Commonwealth, state or territory work health and safety (WHS) regulations.

Pre-requisite Unit

CPCCLRG3001 Licence to perform rigging basic level

Unit Sector

Licencing

Elements and Performance Criteria

Elements describe the essential outcomes.

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

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| 1 Plan task. | 1.1 Review task instructions, consult with relevant persons to seek clarification as required, and obtain relevant workplace information. |
| | 1.2 Obtain and interpret information, including safe work method statements (SWMSs), required to ensure that activities are performed in compliance with workplace-specific and safe work requirements. |
| | 1.3 Obtain and interpret information required to ensure that equipment inspection, use, maintenance and storage complies with manufacturer requirements. |
| | 1.4 Identify workplace and task-specific hazards and determine required risk controls and safety measures and equipment, including signs and barricades, personal protective equipment (PPE), and fall prevention and fall arrest equipment. |
| | 1.5 Identify methods of moving and placing tools, equipment and materials to minimise the risk of falling objects, to avoid inappropriate carrying on ladders and to minimise hazardous manual tasks. |
| | 1.6 Identify required rigging equipment and associated gear. |
| | 1.7 Calculate loads associated with mechanical load shifting equipment and associated gear required to erect and dismantle structures and plant. |
| | 1.8 Establish required communication methods with relevant persons. |
| 2 Select and inspect | 2.1 Select risk controls and equipment, including fall |

- equipment.
- 2.2 Select and check PPE.
- 2.3 Select rigging equipment and associated gear, inspect for defects, and isolate, tag out, report and record defective items.
- 2.4 Select communication equipment and check that it is working and fit for use.
- 3 Set up task.
- 3.1 Establish and maintain communication with relevant persons to ensure task plan and risk controls are communicated clearly, including any impact on other workplace activities.
- 3.2 Ensure risk controls and safety measures and equipment have been put in place, including the fitting, adjusting and anchoring of fall protection equipment.
- 3.3 Consult with relevant persons to ensure that ground and foundation have been assessed as suitable for task.
- 3.4 Consult with relevant persons to ensure that the structure has been assessed as suitable for load bearing task.
- 4 Undertake intermediate rigging activities.
- 4.1 Erect and dismantle all structures and operate plant while maintaining stability, in accordance with workplace and manufacturer requirements.
- 4.2 Conduct a multiple-crane lift.
- 4.3 Erect and dismantle one of the following: a tower crane section or a crane lattice boom section, or a fly jib on a mobile slewing or a non-guyed tower crane.
- 4.4 Lift and install a series of tilt-up concrete panels.
- 4.5 Remove a concrete-encased structural steel column and beam.
- 5 Complete task.
- 5.1 Remove excess materials from work area.

- 5.2 Inspect structures, plant, equipment and gear for defects, and isolate, tag out and report defective items.
- 5.3 Store plant, equipment and gear in accordance with workplace requirements.
- 5.4 Remove risk controls and safety measures and equipment.

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 CPCCLRG3002A Licence to perform rigging intermediate level.

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>