



Australian Government

CPCCLHS3001 Licence to operate a personnel and materials hoist

Release: 2

CPCCLHS3001 Licence to operate a personnel and materials hoist

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 CPCCLHS3001A Licence to operate a personnel and materials hoist. Updated to meet the Standards for Training Packages 2012.

Application

This unit specifies the skills and knowledge required to safely operate a personnel and materials hoist, that is, a cantilever or tower hoist or several winches configured to operate as a hoist intended to carry goods, materials or people.

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.

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

Nil.

Unit Sector

Licensing

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. |
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- 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.
 - 1.5 Calculate load weight, check that it is within the working load limit (WLL) of the hoist and distribute it in accordance with manufacturer requirements.
 - 1.6 Establish required communication methods with relevant persons.
 - 1.7 Review emergency procedures in consultation with relevant persons.
- 2 Select and prepare equipment.
 - 2.1 Put risk controls and safety measures and equipment in place in consultation with relevant persons.
 - 2.2 Access hoist safely.
 - 2.3 Visually check hoist for damage and defects.
 - 2.4 Carry out pre-start checks, including checking the hoist logbook and controls.
 - 2.5 Carry out operational checks, including testing hoist safety devices and checking for fire extinguisher and other emergency equipment.
 - 2.6 Ensure hoist is operating correctly and is free of obstructions.
 - 2.7 Check communication equipment, lighting and alarm systems to make sure they are working and fit for use.
 - 2.8 Conduct test run of hoist, check for abnormal noises and shut down, tag and report identified abnormalities as required.

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| | 2.9 | Isolate, report, tag out and record defective equipment. |
| 3 | Conduct hoist operations. | |
| | 3.1 | Maintain communication with relevant persons during hoist operations and emergency situations. |
| | 3.2 | Operate loaded hoist in accordance with manufacturer requirements. |
| | 3.3 | Use and interpret communication signals. |
| | 3.4 | Conduct emergency lowering in accordance with manufacturer requirements. |
| 4 | Shut down and secure hoist. | |
| | 4.1 | Shut down hoist in accordance with manufacturer requirements. |
| | 4.2 | Carry out shut-down checks. |
| | 4.3 | Isolate and secure power against unauthorised access. |
| | 4.4 | Report, tag out, isolate and record damages and defects. |

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 CPCCLHS3001A Licence to operate a personnel and materials hoist.

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>