



Australian Government

**Assessment Requirements for
CPCCLHS3001 Licence to operate a
personnel and materials hoist**

Release: 1

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Modification History

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.

Performance Evidence

To demonstrate competency in this unit, a candidate must meet the elements and performance criteria by operating a personnel and materials hoist, and conducting three lifts carrying loads of different weights. The hoist must be stopped at three different levels, including at least one floor.

The candidate must:

- check relevant workplace information, including safe work method statements (SWMSs), and equipment service and maintenance records and checklists
- perform all activities in compliance with safe work practices and workplace-specific procedures and policies
- check, use, maintain and store equipment in compliance with manufacturer requirements
- identify hazards and use appropriate risk controls and safety measures and equipment
- calculate load weights and confirm that they are within the capacity of the hoist
- check and use safety devices
- move load
- implement shut-down procedures.

Knowledge Evidence

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

- safe work requirements for operating a personnel and materials hoist crane under Australian Standards, and Commonwealth and state or territory work health and safety (WHS) legislation and codes of practice
- workplace information, including legislative requirements covered by:
 - SWMSs
 - safety data sheets (SDSs)
 - permits and certifications
 - information about equipment:
 - service and maintenance checklists and records

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- manufacturer specifications and manuals
 - workplace procedures, including emergency plans and incident reporting
 - hazard identification and mitigation strategies, including the hierarchy of control:
 - elimination
 - substitution
 - isolation
 - engineering controls
 - administrative controls
 - use of personal protective equipment (PPE)
 - hazards commonly encountered in hoist operations:
 - ground instability
 - obstructions
 - impact of other tasks being performed in the workplace
 - other plant
 - hoist overload
 - hazardous chemicals and dangerous goods
 - electrical hazards
 - insufficient lighting
 - hazardous manual tasks
 - damaged or poor-quality equipment
 - pedestrian traffic
 - wind and other adverse weather conditions
 - falling objects
 - falls from heights
 - risk controls and equipment:
 - firefighting equipment
 - safety tags on electrical switches and isolators
 - traffic barricades and controls
 - pedestrian barricades and controls
 - hoist safety devices, including:
 - hoist safety gates and guards
 - hoist safety interlocks
 - adequate illumination
 - testing and tagging requirements and electrical hazards associated with power supply for hoists
 - processes to prevent interference to and from radio equipment being used near a personnel and materials hoist
 - PPE:
 - hard hat
 - safety boots

- gloves
- high-visibility clothing
- breathing, hearing, sight, skin and sun protection
- relevant persons:
 - other hoist operators
 - riggers
 - maintenance personnel
 - supervisors
- communication equipment:
 - two-way radios
 - intercoms
 - bells
 - lights
- pre-start operational checks to ensure:
 - safe access and egress, including ground conditions
 - security and safe distance between tower ties
 - earth leakage protection of power supply
 - power leads are secured above ground level and not attached to scaffolds or building structure
 - tower guides are clean and free of rust and damage
 - signage is clearly displayed and legible
 - brakes and drive mechanism are in good working order
 - overhead protection
 - intercom and signalling systems are in good working order
 - barriers, fencing and gates are in place
 - lubrication has been applied where required
 - hoist rope, where used, is safe
 - sheaves and anchorage points are accessible
 - obstructions have been removed
 - loose gear and equipment have been removed
- processes for determining the weight of the load from labels, markings and load paperwork
- processes for identifying and interpreting the working load limit (WLL) of hoists
- routine problems encountered in the operation of a hoist, and inspection techniques and adjustments required for correction
- processes for responding to unplanned and unsafe situations, including equipment failure or loss of control and adverse weather conditions
- emergency and evacuation procedures, including fire procedures
- shut-down procedures:
 - position platform at designated parking level
 - isolate power from control panel

- isolate and secure mains power supply
- remove key from control panel
- secure landing gates to prevent unauthorised access
- secure fencing and barriers around base to prevent unauthorised access
- hoist characteristics, capabilities and operation to suit loads of different shapes, sizes and weights.

Assessment Conditions

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

Only assessors who are accredited in the licence class by the appropriate WHS regulator for the jurisdiction where the licence is obtained are permitted to conduct the final high-risk work licence assessment. The final licence assessment will only be undertaken with candidates who have completed training and been formally assessed against all elements in this unit.

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

- the use of full-scale, industry-standard equipment, not simulators
- performance of tasks within the timelines expected in a workplace.

Candidates must have access to:

- all personnel and equipment required to perform the tasks specified in the Performance Evidence
- a personnel and materials hoist capable of carrying loads of different weights and able to be stopped at three different levels, including at least one floor
- workplace information and records, including:
 - equipment and maintenance checklists
 - record system for service and maintenance history
 - incident reports
 - workplace procedures, including SWMSs, SDSs and emergency plans
 - equipment manuals and manufacturer specifications
 - relevant plant supplier information.

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>