



Australian Government

CPCCR13001 Operate personnel and materials hoists

Release: 2

CPCCR3001 Operate personnel and materials hoists

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 CPCCR3001A Operate personnel and materials hoists. Updated to meet the Standards for Training Packages 2012.

Application

This unit of competency specifies the skills and knowledge required to safely and efficiently operate personnel and materials hoists for moving people and equipment to various heights in a multi-storey structure. It includes conducting pre-operational checks, operation, shutdown and post-operational checks of hoist equipment.

It applies to hoist operators 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	1.1 Interpret work order and associated documentation and
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| operate personnel and materials hoist. | | 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 hoist, 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 Conduct and record personnel and materials hoist safety and equipment checks. | 2.1 | Confirm required signalling system with relevant persons. |
| | 2.2 | Assess if weather conditions allow safe hoist operation. |
| | 2.3 | Check hoist equipment and site for damage, structural weakness or interference. |
| | 2.4 | Check mechanical, electrical and safety functions in accordance with manufacturer requirements. |
| | 2.5 | Conduct a test run without a load through the full height of the hoist's travel, checking the operation and security of the mast and wall bolting. |
| | 2.6 | Check and test braking system. |
| | 2.7 | Check and challenge safety systems. |
| | 2.8 | Record results of checks and tests in hoist logbook and report problems in accordance with regulatory and workplace requirements. |
| 3 Operate personnel and materials hoist. | 3.1 | Conduct calculations and checks to ensure loads conform with safe load capacity of hoist. |
| | 3.2 | Operate hoist safely in accordance with manufacturer and regulatory requirements. |
| | 3.3 | Shut down hoist, render safe and make secure at end of work period, in accordance with manufacturer requirements. |

- 3.4 Conduct and record post-operational checks.
- 4 Clean up.
 - 4.1 Clear work area and dispose of, reuse or recycle materials in accordance with regulatory and workplace requirements.
 - 4.2 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 CPCCR3001A Operate personnel and materials hoists.

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>

Assessment Requirements for CPCCR3001 Operate personnel and materials hoists

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Performance Evidence

To demonstrate competency in this unit, a candidate must meet the elements and performance criteria by operating a personnel and materials hoist to lift:

- two loads of different materials between floors in a multi-storey building
- two groups of personnel between floors in a multi-storey building.

Knowledge Evidence

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

- workplace and regulatory requirements for operating personnel and materials hoists under applicable Commonwealth, state or territory work health and safety (WHS) legislation, Australian Standards 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
- mathematical processes for calculating load mass to ensure conformity to safe load capacity of hoist
- safety and equipment checks for personnel and materials hoists
- signalling methods and communications
- processes for completing logbooks and site records

- requirements for cleaning up work area, maintaining and storing 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 Performance Evidence
- appropriate workplace information and records, including policies, procedures and legislative requirements.

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