



Australian Government

CPCCS3001 Erect and dismantle intermediate scaffolding

Release: 3

CPCSC3001 Erect and dismantle intermediate scaffolding

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.
Minor edits to formatting.
- Release 1 This version first released with CPC Construction, Plumbing and Services Training Package Release 5.0.
Supersedes and is equivalent to CPCSC3001A Erect and dismantle intermediate scaffolding. Updated to meet the Standards for Training Packages 2012.

Application

This unit specifies the skills and knowledge required to safely erect and dismantle all types of tube and coupler scaffolding systems to provide work platforms for construction purposes and all work associated with modular scaffolding systems. Scaffolding systems include edge protection, access ways and falsework (scaffold support systems for formwork).

It applies to workers erecting and dismantling a range of modular scaffolding systems 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.

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| 1 Plan and prepare to erect and dismantle intermediate scaffolding. | 1.1 Interpret work order and associated documentation and 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 plant, tools and equipment required for work tasks, check for serviceability and rectify or report identified faults. |
| | 1.4 Select and inspect scaffolding and components, and label and reject damaged components. |
| | 1.5 Determine expected loading on scaffold and supporting structure using load tables and manufacturer specifications. |
| | 1.6 Determine site access and egress routes. |
| 2 Erect intermediate scaffolding. | 2.1 Erect required safety signage and barricades and fit personal protective equipment (PPE). |
| | 2.2 Select sole board/base plate in accordance with regulatory and manufacturer requirements. |
| | 2.3 Set out and erect scaffolding in accordance with regulatory and manufacturer requirements. |
| | 2.4 Erect and install static lines as specified in accordance with regulatory requirements. |
| | 2.5 Assemble and erect lifting device as specified. |
| 3 Inspect, repair and alter erected intermediate scaffolding. | 3.1 Inspect erected tube and coupler scaffolding for damage, corrosion, wear and compatibility, and immediately isolate, label, tag and reject or replace faulty components. |
| | 3.2 Check current use of scaffolding against original design and confirm that it is in accordance with regulations and |

- specifications.
- 3.3 Inspect and confirm scaffolding stability.
 - 3.4 Carry out alteration or repair as necessary and within own level of responsibility.
 - 3.5 Complete and date inspection log and handover certificate, ready for signing by a certified scaffolder.
- 4 Dismantle intermediate scaffolding.
- 4.1 Isolate scaffolding with appropriate signage and barricades to ensure safe dismantling.
 - 4.2 Dismantle scaffolding, reversing procedure followed for erection.
- 5 Clean up.
- 5.1 Clear work area and dispose of, reuse or recycle materials in accordance with regulatory and workplace requirements.
 - 5.2 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 CPCSC3001A Erect and dismantle intermediate scaffolding.

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 CPCSC3001 Erect and dismantle intermediate scaffolding

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Performance Evidence

To demonstrate competency in this unit, a candidate must meet the elements and performance criteria by erecting and dismantling tube and coupler intermediate scaffolding, in accordance with job safety and environmental analyses (JSEAs), safe work method statements (SWMSs) and regulations, including:

- three bays and two lifts with an internal or external return
- one barrow ramp
- one spur
- fall and edge protection.

Knowledge Evidence

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

- workplace and regulatory requirements for erecting and dismantling intermediate scaffolding under applicable Commonwealth, state or territory work health and safety (WHS) legislation, Australian Standards and codes of practice:
 - JSEAs
 - SWMSs
 - 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
- clipping, tubing and fitting scaffolding with mast climbers, cantilevers, barrow ramps, spurs, longitudinal and transverse braces, random planks, putlogs and modular scaffolding:
 - planning
 - design
 - erection
 - alteration
 - dismantling
- erection of scaffolding:
 - placement
 - sequencing
 - squaring
 - levelling
 - tying to structure
- scaffolding for:
 - work platforms
 - edge protection
 - access ways
 - falsework
 - grandstands
 - covered walkways
- lifting devices:
 - mast climbers
 - cantilevered hoists
 - gin wheels
- establishment of footings, including the review of JSEAs and SWMSs to determine the bearing capacity of ground or working surfaces
- alteration and repair due to storm damage, accidents, misuse and process
- types, characteristics and limitations of tools, equipment and components required for erecting and dismantling intermediate scaffolding:
 - barrow ramps
 - box spanners
 - bracket scaffolds (tank and formwork)
 - cantilevered hoists (materials only with maximum capacity of 500 kg)
 - cantilevers
 - clips
 - couplers and accessories
 - gin wheels
 - hammers

- ladders
- perimeter safety screens and shutters
- prefabricated components
- ropes
- scaffolding planks
- spirit levels
- spurs
- stairs
- steel and aluminium tubes
- tape measures
- tube and fitting scaffolding with mast climbers
- requirements for use of tools, equipment and materials for erecting and dismantling intermediate scaffolding:
 - safe operating procedures
 - operational, maintenance and intermediate diagnostic procedures
 - workplace and equipment safety requirements
- signalling methods and communications
- 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 the Performance Evidence
- appropriate workplace information and records, including policies, procedures and legislative requirements.

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