



Australian Government

CPCCB5003 Supervise the planning of on-site building and construction work

Release: 2

CPCBC5003 Supervise the planning of on-site building and construction work

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 CPCBC5003A Supervise the planning of on-site medium rise building or construction work. Change to title. Updated to meet the Standards for Training Packages 2012.

Application

This unit of competency specifies the skills and knowledge required to supervise the planning process and organisation of on-site work for building and construction projects. It includes interpreting contract and planning requirements and developing strategies for scheduling human and physical resources effectively to comply with contractual obligations and meet planning timelines.

It applies to National Construction Code (NCC) classifications:

- Residential - Class 1 and 10 buildings, maximum three storeys
- Commercial - Class 2 to 9, Type B and C

This unit of competency applies to builders, related construction industry professionals and senior managers within building and construction firms who are self-directed and initiate and manage complex planning and scheduling.

Completion of the general construction induction training program specified by the model Code of Practice for Construction Work is required for any person who is to carry out construction work. Achievement of *CPCWHS1001 Prepare to work safely in the construction industry* meets this requirement.

Licensing, regulatory or registration requirements apply to this unit of competency in some jurisdictions. Relevant state and territory regulatory authorities should be consulted to confirm these requirements.

Pre-requisite Unit

Nil.

Unit Sector

Building and 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 Appraise project requirements. | 1.1 Access, read and interpret copies of building approvals and conditions relating to the building and construction project. |
| | 1.2 Review contracts to determine any unusual aspects of construction, conditions, use of materials or penalty provisions. |
| | 1.3 Identify possible design problems and bring to the attention of project consultants. |
| | 1.4 Review availability of subcontractors and their suitability to meet job requirements specific to a project. |
| | 1.5 Review availability of materials and conditions of purchase and payment. |
| | 1.6 Establish site access, temporary services and appropriate location of on-site facilities. |
| | 1.7 Establish and maintain contact with relevant statutory building authorities. |
| 2 Establish strategies and schedules. | 2.1 Establish the project's critical path and sequence planned project operations. |
| | 2.2 Develop project schedules incorporating delivery of physical resources and assignment of human resources. |
| | 2.3 Plan and schedule for the removal of existing services and hazardous materials in accordance with regulatory and environmental requirements. |
| | 2.4 Establish work health and safety (WHS) site requirements for rehabilitation procedures, hazard identification and risk management. |
| | 2.5 Develop project contingency strategies to consider anticipated delays. |
| | 2.6 Establish strategies for the control of multiple projects. |

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| 3 Supervise on site operations. | 3.1 Inspect and record condition and structural integrity of on-site and surrounding buildings to be retained. |
| | 3.2 Submit reports to owners and relevant stakeholders and retain copies. |
| | 3.3 Supervise removal of unwanted structures, disconnection of unutilised services and site preparation. |
| | 3.4 Direct location and positioning of on-site amenities and facilities and connection of temporary services. |
| | 3.5 Coordinate delivery dates and on-site locations for physical resources and materials. |
| | 3.6 Implement and maintain a resources control system for recording materials, equipment and personnel entering and leaving the site. |
| | 3.7 Manage data entry into an appropriate scheduling system for analysis. |
| 4 Delegate and supervise staff. | |
| 4.1 | Employ effective human resources and implement practices and policies which maximise performance and productivity. |
| 4.2 | Allocate staff to meet the demands of the project site or sites as stated in regulatory and organisational employment conditions. |
| 4.3 | Delegate and manage staff to hire and record physical resource activity and authorise payments. |
| 4.4 | Monitor activities against contractual requirements, facilitate adjustments to the project timeframe and advise management of cost-benefits and implications of providing overtime payments. |
| 4.5 | Maintain a safe, effective and productive work environment. |

Foundation Skills

As well as the foundation skills explicit in the performance criteria of this unit, candidates require:

- planning and organising skills to:
 - sequence and schedule complex activities
 - reassess priorities and apply contingencies, as circumstances change, to meet scheduled timeframes
- technology skills to:
 - use communication tools and devices to communicate and collaborate effectively with others
 - use applications to access, extract and share information and data.

Unit Mapping Information

Supersedes and is equivalent to CPCCBC5003A Supervise the planning of on-site medium rise building or construction work.

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 CPCBC5003 Supervise the planning of on-site building and construction work

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Performance Evidence

To demonstrate competency, a candidate must meet the elements and performance criteria of this unit by supervising the planning of one on-site building and construction project for:

- a Class 1 and 10 building, to a maximum of three storeys, or
- a Class 2 to 9, Type B or C.

In doing this, the candidate must:

- translate contract requirements into construction plans and processes
- develop strategies that effectively maximise physical and human resource use
- apply construction planning processes that effect desired outcomes and meet proposed timeframes
- establish and maintain a workplace environment representative of good management practice.

Knowledge Evidence

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

- relevant government building and construction legislation, codes and standards for construction
- building and construction industry contracts
- building and construction industry subcontracting system:
 - organisational and subcontracted human resources
 - human resource principles and practices
 - subcontractor requirements and availability
 - relevant licensing arrangements
 - rates and costs related to payments and claims
- on-site and off-site management practices, including:

- on-site facilities
- plant and equipment
- power, water, telephone and other temporary services
- pre-cut or pre-cast components
- raw materials
- temporary site facilities
- construction planning process, including:
 - project scheduling
 - critical events and milestones
 - labour, materials and plant and equipment coordination
- workplace safety requirements.

Assessment Conditions

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

Assessment can be undertaken in the workplace or in a simulated workplace environment.

A simulated environment is one that realistically replicates workplace conditions, materials and equipment, interactions with others and workplace irregularities, and which meets industry standards for safety and environmental practices.

Assessors are responsible for ensuring that the person demonstrating competency has access to:

- relevant project plans, specifications, codes, standards and regulations for building class
- organisational policies, procedures and other quality documentation to undertake the performance criteria and assessment requirements
- technology and applications to access, extract, integrate and compile information
- national and state industrial relations legislation.

Links

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