



Australian Government

CPCBIM4003 Contribute to BIM deliverables for construction work

Release: 2

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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 6.0.
New unit.

Application

This unit of competency specifies the skills and knowledge required to contribute to Building Information Modelling (BIM) deliverables for construction work. It includes confirming handover requirements and deliverables, validating data for completed work, capturing data to record as-built conditions, and contributing information to enable a digital handover.

The unit applies to builders, tradespersons, project and site managers who work on construction projects that incorporate BIM interaction, collaboration and deliverables. It requires digital literacy skills to use software via information and communication technology (ICT), including applications on mobile devices to find, retrieve and communicate information.

A person who has achieved this unit of competency is able to work with autonomy and take responsibility for applying BIM processes to construction work.

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.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Nil.

Unit Sector

Business information modelling

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 Confirm deliverables and handover requirements. | 1.1 Check plans and relevant documentation to clarify project deliverables and handover requirements to comply with BIM Execution Plan. |
| | 1.2 Prepare documentation necessary to enable model-based collaboration between project participants. |
| | 1.3 Consult with project participants to confirm project deliverables, including asset identifiers, tagging, classification and other requirements for digital handover. |
| 2 Validate project information for completed construction work. | 2.1 Check completed construction work to confirm compliance with plans, specifications and BIM Execution Plan. |
| | 2.2 Input information and data required to complete asset register and comply with project requirements for model and data deliverables. |
| | 2.3 Verify currency and format of Common Data Environment (CDE) information and data associated with completed construction work to meet requirements of BIM Execution Plan. |
| | 2.4 Implement actions required to address problems with data capture, information currency or format to meet BIM Execution Plan. |
| 3 Finalise handover for construction work. | 3.1 Capture data to record ‘as-built’ conditions according to BIM Execution Plan and workplace requirements. |
| | 3.2 Contribute information to enable digital handover to be finalised to meet BIM Execution Plan, performance, quality, commissioning, regulatory and workplace requirements. |

Foundation Skills

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

- digital literacy skills to use software and applications on mobile devices to find, retrieve and communicate information.

Unit Mapping Information

No equivalent unit.

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>