



Australian Government

CPC33020 Certificate III in Bricklaying and Blocklaying

Release 4

CPC33020 Certificate III in Bricklaying and Blocklaying

Modification History

Release 4 This version first released with CPC Construction, Plumbing and Services Training Package Release 6.6.

Imported unit AHCLSC307 Implement a retaining wall project updated to the latest, equivalent release, AHCLSC319 Implement a retaining wall project.

Release 3 This version first released with CPC Construction, Plumbing and Services Training Package Release 6.3.

Removal of prerequisite asterisks from units:

- CPCCOM1012 Work effectively and sustainably in the construction industry
- CPCCOM1013 Plan and organise work
- CPCCOM1014 Conduct workplace communication.

Unit CPCCOM2001 Read and interpret plans and specifications marked with an asterisk as a prerequisite requirement must be met.

Release 2 This version first released with CPC Construction, Plumbing and Services Training Package Release 5.1.

Title change in unit list for CPCCBL3017 Carry out tuck pointing brickwork.

Release 1 This version first released with CPC Construction, Plumbing and Services Training Package Release 5.0.

Supersedes and is equivalent to CPC30111 Certificate III in Bricklaying/Blocklaying.

Qualification Description

This qualification reflects the trade qualified role of a bricklayer, blocklayer or paver who may have responsibility for undertaking heritage bricklaying, refractory bricklaying, bricklaying, blocklaying and paving work in residential, industrial and commercial contexts, in both existing and new constructions.

Occupational titles could include:

- Bricklayer
- Blocklayer
- Paver.

The bricklaying, blocklaying and paving industry strongly affirms that training and assessment leading to recognition of skills must be undertaken in a real or closely simulated workplace environment and this qualification requires all units of competency to be delivered and assessed in this context.

Licensing, legislative, regulatory and certification requirements vary between states. Relevant state and territory regulatory authorities should be consulted to confirm those requirements.

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.

Entry Requirements

There are no entry requirements for this qualification.

Packaging Rules

This qualification has core units and elective units of competency that cover the skills and knowledge of three specialist groups, and general electives:

- Group A - Traditional and heritage bricklaying
- Group B - Refractory Bricklaying
- Group C - Paving

To achieve this qualification, competency must be demonstrated in:

- 28 units of competency:
 - 20 core units
 - 8 elective units.
- the elective units can be selected, once only, from any of the groups listed below.
- up to two elective units can be selected from any Training Package and or accredited course, as long as they contribute to a valid, industry-supported vocational outcome and support the AQF level of this qualification.

Prerequisite units

An asterisk (*) against a unit code below indicates that there is a prerequisite requirement that must be met. Prerequisite unit(s) must be assessed before assessment of any unit of competency with an asterisk. Check the unit of competency for information on specific prerequisite requirements. All prerequisite requirements are packaged in the qualification.

Core units

CPCCB2001* Handle and prepare bricklaying and blocklaying materials

CPCCB2002* Use bricklaying and blocklaying tools and equipment

CPCCB3002* Carry out masonry veneer construction

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|-------------|---|
| CPCCBL3003* | Carry out cavity brick construction |
| CPCCBL3005* | Lay masonry walls and corners |
| CPCCBL3006* | Lay multi-thickness walls and piers |
| CPCCBL3009* | Install flashings and damp proof course |
| CPCCBL3010* | Construct masonry arches |
| CPCCBL3011* | Construct curved walls |
| CPCCBL3013* | Construct masonry structural systems |
| CPCCCA3002* | Carry out setting out |
| CPCCCM2006 | Apply basic levelling procedures |
| CPCCCM2008* | Erect and dismantle restricted height scaffolding |
| CPCCCM2012* | Work safely at heights |
| CPCCOM1012 | Work effectively and sustainably in the construction industry |
| CPCCOM1013 | Plan and organise work |
| CPCCOM1014 | Conduct workplace communication |
| CPCCOM1015 | Carry out measurements and calculations |
| CPCCOM2001* | Read and interpret plans and specifications |
| CPCCWHS2001 | Apply WHS requirements, policies, and procedures in the construction industry |

Elective units

Group A - Traditional and heritage bricklaying

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| CPCCST4001 | Prepare to undertake the heritage restoration process |
| CPCCST4002 | Undertake the heritage restoration process |
| CPCCBL3004* | Construct masonry steps and stairs |
| CPCCBL3012* | Construct fireplaces and chimneys |
| CPCCBL3015* | Construct decorative brickwork |

- CPCCB3016* Construct battered masonry walls and piers
- CPCCB3017* Carry out tuck pointing and repointing to masonry
- CPCCCO2013* Carry out concreting to simple forms
- CPCCSF2004* Place and fix reinforcement materials

Group B – Refractory Bricklaying

- CPCCS4003 Undertake preparations for refractory work
- CPCCS4007 Construct a fire brick wall and arch using refractory materials
- CPCCB3004* Construct masonry steps and stairs
- CPCCB3012* Construct fireplaces and chimneys
- CPCCB3016* Construct battered masonry walls and piers
- CPCCCM2009* Carry out basic demolition
- CPCCCO2013* Carry out concreting to simple forms
- CPCCSF2004* Place and fix reinforcement materials

Group C - Paving

- CPCCCO2013* Carry out concreting to simple forms
- CPCCPA3001* Prepare subgrade, base and bedding course for segmental paving
- CPCCPA3002* Lay segmental paving
- CPCCPA3003* Cut segmental paving
- CPCCPA3004* Finish segmental paving
- CPCCPA3005* Maintain and repair segmental paving
- CPCCSF2004* Place and fix reinforcement materials

General Electives

- AHCLSC319 Implement a retaining wall project

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| CPCCBC4003 | Select, prepare and administer a construction contract |
| CPCCST4003 | Undertake preparations for refractory work |
| CPCCBL3001* | Lay paving |
| CPCCBL3004* | Construct masonry steps and stairs |
| CPCCBL3007* | Install glass blockwork |
| CPCCBL3012* | Construct fireplaces and chimneys |
| CPCCBL3014* | Install fire-rated masonry construction |
| CPCCBL3015* | Construct decorative brickwork |
| CPCCBL3016* | Construct battered masonry walls and piers |
| CPCCBL3017* | Carry out tuck pointing and repointing to masonry |
| CPCCBL3018* | Install aerated autoclaved concrete products |
| CPCCCM2009* | Carry out basic demolition |
| CPCCCO2013* | Carry out concreting to simple forms |
| CPCCPA3001* | Prepare subgrade, base and bedding course for segmental paving |
| CPCCPA3002* | Lay segmental paving |
| CPCCPA3003* | Cut segmental paving |
| CPCCPA3004* | Finish segmental paving |
| CPCCPA3005* | Maintain and repair segmental paving |
| CPCCSF2004* | Place and fix reinforcement materials |

Qualification Mapping Information

| CPC Construction, Plumbing and Services Training Package Release 5.0 | CPC08 Construction, Plumbing and Services Training Package | Comments | E/NE |
|---|---|--|-------------|
| CPC33020 Certificate III in Bricklaying and | CPC30111 Certificate III in | Supersedes and is equivalent to CPC30111 | E |

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|-------------|-------------------------|--|--|
| Blocklaying | Bricklaying/Blocklaying | Certificate III in Bricklaying/Blocklaying. | |
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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>