



**Australian Government**

# **CPC32320 Certificate III in Stonemasonry**

**Release 4**

## CPC32320 Certificate III in Stonemasonry

### Modification History

Release 4 This version first released with CPC Construction, Plumbing and Services Training Package Release 8.0.

The following units have been included in the Elective Bank of units:

- CPCSIL2001 Use and maintain respiratory protective equipment
- CPCSIL3001 Work with products and materials containing crystalline silica.

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.

Minor changes to Core unit list for clarity. Correction to Release 1 version history.

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

Supersedes and is equivalent to CPC32313 Certificate III in Stonemasonry (Monumental/Installation). Updated qualification to meet Standards for Training Packages.

### Qualification Description

This qualification is designed to meet the needs of stonemasons working with sandstone, limestone, marble and other types of stone and stone products to produce stone monuments, buildings (heritage and new) and building components, such as walls, floors, arches, chimneys, stairs, windows, decorative mouldings, fireplaces and benchtops.

Occupational titles may include:

- Architectural stonemason
- Monumental stonemason
- Heritage stonemason

- Finisher
- Bench-top mason
- Stonemason.

This qualification is suitable for an Australian Apprenticeship pathway.

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 and elective units of competency that cover the skills and knowledge of four specialist groups and general electives:

- Group A - Architectural heritage, conservation and restoration stonemasonry
- Group B - New and contemporary works (building stonemasonry)
- Group C - Monumental stonemasonry
- Group D - Bench-tops

To achieve this qualification, competency must be demonstrated in:

- 30 units of competency:
  - 21 core units
  - 9 electives

The electives are to be chosen as follows:

- all 8 units within Group A - Heritage, conservation and restoration stonemasonry  
or
- all 7 units within Group B - New and contemporary works (building stonemasonry)  
or
- all 5 units within Group C - Monumental stonemasonry  
or
- all 4 units within Group D - Bench-tops
- the remaining units can be selected from any elective group or the general electives as long as the units have not previously been selected
- up to two elective units can be selected from any Training Package 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

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
CPCCST2003*	Finish stone
CPCCST2004*	Lay stone
CPCCST2006*	Identify and use stone products
CPCCST2007*	Use stonemasonry tools, plant and equipment
CPCCST3001*	Dress and mould stone
CPCCST3002*	Shape solid stone
CPCCST3003*	Split stone manually
CPCCST3004*	Dress stone manually
CPCCST3006*	Machine stone
CPCCST3010*	Set out and cut letters in stone
CPCCST3022*	Carry out profile work
CPCCWHS2001	Apply WHS requirements, policies and procedures in the construction industry

**Elective units****Group A - Architectural heritage, conservation and restoration stonemasonry**

CPCCBL3016*	Construct battered masonry walls and piers
CPCCBL3017*	Carry out tuck pointing and repointing to masonry
CPCCST3017*	Construct stone arches
CPCCST3019*	Lay stonemasonry stairs
CPCCST3021*	Restore stone work
CPCCST3023	Apply drawing principles to stonemasonry
CPCCST3024*	Apply conservation principles and practices to heritage stonework
CPCCST3025*	Carry out basic stonemasonry demolition

**Group B - Architectural new and contemporary works**

CPCCBL3016*	Construct battered masonry walls and piers
CPCCPA3001*	Prepare subgrade, base and bedding course for segmental paving
CPCCST3012*	Build stone veneer walls
CPCCST3016*	Build solid stonemasonry walls
CPCCST3017*	Construct stone arches
CPCCST3019*	Lay stonemasonry stairs
CPCCST3020*	Produce reconstituted stone

**Group C - Monumental**

CPCCCM2002*	Carry out hand excavation
CPCCST3011*	Plan monument construction
CPCCST3013*	Carry out cemetery monument fixing
CPCCST3015*	Apply gilding to stone

CPCST3018\* Inlay lead to stone

### **Group D Bench-Tops**

CPCCM2005\* Use construction tools and equipment

CPCJN2001\* Assemble components

CPCJN2003\* Package manufactured products for transport

CPCST3009\* Use computer-controlled static machinery to produce stone components

### **General Elective Units**

BSBESB301 Investigate business opportunities

BSBESB407 Manage finances for new business ventures

CPCCO2013\* Carry out concreting to simple forms

CPCPA3002\* Lay segmental paving

CPCPA3003\* Cut segmental paving

CPCSC2002\* Erect and dismantle basic scaffolding

CPCST2001\* Prepare for stonemasonry construction process

CPCST2005\* Carry out load slinging of off-site materials

CPCST3007\* Turn stone

CPCST3009\* Use computer-controlled static machinery to produce stone components

CPCST3014\* Set and anchor stone facades

CPCST3016\* Build solid stonemasonry walls

CPCST4001 Prepare to undertake the heritage restoration process

CPCST4002 Undertake the heritage restoration process

CPCST4003 Undertake preparations for refractory works

CPCST4004 Initiate the heritage works process

CPCST4005 Prepare drawings for heritage works

CPCCSST4006	Prepare report for heritage restoration work
CPCCSST4007	Construct a fire brick wall and arch using refractory materials
CPCSIL2001*	Use and maintain respiratory protective equipment
CPCSIL3001*	Work with products and materials containing crystalline silica

## Qualification Mapping Information

Supersedes and is equivalent to CPC32313 Certificate III in Stonemasonry (Monumental/Installation).

Updated qualification to meet Standards for Training Packages 2012.

## Links

An Implementation Guide to this Training Package is available at -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=7e15fa6a-68b8-4097-b099-030a5569b1ad>