

Case for Endorsement

Bricklaying and Blocklaying

Construction, Plumbing and Services (CPC) Training Package
Release 6.0

Submitted by Artibus Innovation
on behalf of the CPC IRC
February 2020

Artibus Innovation

Artibus Innovation is the Skills Service Organisation supporting the Industry Reference Committees (IRCs) for the Construction, Plumbing and Services, and Property Services sectors in Australia. It develops, manages, and supports nationally recognised Training Packages.

The IRCs are responsible for providing guidance, direction, and advice in relation to the workforce training and skills development needs of these two industry sectors. Together industry, employees and enterprises contribute significantly to Australia's infrastructure, underpinning the nation's economic and social fabric.

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Table of Contents

A. Administrative details of the Case for Endorsement	4
B. Description of work and request for approval.....	6
C. Evidence of industry support.....	8
D. Industry expectations about training delivery.....	13
E. Implementation of the new training packages.....	15
F. Quality assurance reports	16
G. Implementation of the COAG Industry Skills Council reforms to training packages	17
H. Proposed training package components	19
Appendix A: Industry stakeholders	29
Appendix B: IRC support.....	32
Appendix C: Victorian STA's concerns on the Bricklaying, Blocklaying and Stonemasonry Project	33
Appendix D: Editorial Report	38
Appendix E: Equity Report.....	44
Appendix F: Quality Assurance Report.....	51

A. Administrative details of the Case for Endorsement

Name of allocated IRC

Construction, Plumbing and Services Industry Reference Committee (IRC)

Name of SSO

Artibus Innovation

Training Package Components submitted for approval

This submission puts forward the Case for Endorsement for two qualifications and 60 units of competency.

Qualification

Code	Title
CPC30120	Certificate III in Bricklaying and Blocklaying
CPC32320	Certificate III in Stonemasonry

CPC31611 Certificate III in Paving will be deleted from the National Register.

Units of competency

Further mapping information on the 56 units of competency can be located in **Section H: Training package components**

Case for change details

A Case for Change was submitted to the department in April 2017, the AISC considered and approved the project in June 2017.

Activity order details

Reference number: TPD/2016-17-007

Date executed: 10 May 2017

Project scope: 2 qualifications and 49 units of competency.

AISC requirements

The requirements set by the Australian Industry and Skills Committee (AISC) relating to the proposed qualification:

- update and redesign the qualification to meet industry needs
- develop the training package components to the Standards for Training Packages 2012.

Summary of key changes

Key Change	Description
KC1	CPC30111 Certificate III in Bricklaying and Blocklaying has been updated to the Standards for Training Packages 2012 and supersedes and is equivalent to CPC30120 Certificate III in Bricklaying and Blocklaying
KC 2	CPC32313 Certificate III in Stonemasonry (Monumental/Installation) has been updated to the 2012 Standards for Training Packages and supersedes and is equivalent to CPC32320 Certificate III in Stonemasonry
KC 3	CPC31611 Certificate III in Paving will be deleted from the National Register.
KC 4	Four new stonemasonry units of competency were developed to address current skills needs.
KC 5	7 CPCBC stonemasonry units related units of competency have been relocated to this project and recoded to align with the sector.

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B. Description of work and request for approval

On behalf of the Construction, Plumbing and Services IRC, Artibus Innovation prepared a Case for Change to undertake a full review of CPC30111 Certificate III in Bricklaying and Blocklaying, CPC32313 Certificate III in Stonemasonry (Monumental/Installation) and CPC31611 Certificate III in Paving and their 49 associated units of competency.

The Case for Change was submitted to the Australian Industry and Skills Council (AISC) in April 2017 for their consideration. The ASIC approved the project in June 2017.

In consultation with industry, the review focused on:

1. ensuring the qualifications and units of competency reflect the needs of all stakeholders involved in the bricklaying/blocklaying, paving and stonemasonry industries
2. developing four new units of competency to address skills gaps in the stonemasonry industry
3. merging the Certificate III in Paving into the Certificate III in Bricklaying/ Blocklaying as a result of very low enrolments since 2014, zero completions in the last three years, and only three RTOs with the qualification on scope – with no delivery
4. updating the training package components to the 2012 Standards for Training Packages.

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IRC decision on Entry Requirements on CPC qualifications

At the 19 February 2019 meeting, the Construction, Plumbing and Services IRC discussed the inclusion of the unit CPCCWHS1001 Prepare to work safely in the construction industry as a core or pre-requisite unit for all CPC qualifications. There was consensus at this meeting that the unit be a core unit in all CPC qualifications.

All the TAGs were informed of the IRC's decision and the CPC qualifications in current projects were updated to include CPCCWHS1001 Prepare to work safely in the construction industry as core unit.

At the 18 April 2019 IRC meeting, the issue was discussed again, and the IRC agreed that CPCCWHS1001 Prepare to work safely in the construction industry be included as an entry requirement for all CPC AQF I – III qualifications.

The rationale for this decision is that the unit covers vital safety skills and knowledge required for all workers in the industry and is also a regulatory requirement to work on a construction site. 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 unit CPCCWHS1001 Prepare to work safely in the construction industry meets this requirement.

The approach taken in qualification design notes that that the unit is a stand-alone unit of competency compliant to the Model Code of Practice and is therefore not customised to meet different contexts. A further consideration is the learner pathway noting that the majority of apprentices already hold the unit of competency attained through lower level qualifications.

Consequently, all the TAGs were informed of the change, and AQF level I – III CPC qualifications were amended to include CPCCWHS1001 Prepare to work safely in the construction industry as an entry requirement.

Decision being sought from the AISC

To note the work undertaken and approve the submission.

C. Evidence of industry support

Our inclusive consultation approach aimed to gather industry feedback from a range of stakeholders to ensure the training package components met industry expectations and skilling requirements.

Project page

With the commencement of the project, a project page was developed on the Artibus Innovation website. The project page was kept updated throughout the duration of the project.

It provided industry stakeholders information on national forums, workshops, the status of the project and opportunities to provide input on the components.

http://www.artibus.com.au/project/?project_id=7

The project page received 1155 views.

Technical Advisory Group (TAG) and Working Group

The Construction, Plumbing and Services IRC endorsed the establishment of a Technical Advisory Group (TAG) to provide strategic input on, and oversight of, the review of the training package components throughout the project. Nominations for the formation of the TAG were published on the project page.

TAG membership included representatives from employers, employees, industry associations, training providers, businesses and regulators.

The TAG met either in person or by videoconference to analyse the existing training package, identify areas for improvement and develop draft components. At each meeting, the TAG reviewed and discussed industry feedback and agreed on amendments to the training package components to reflect industry needs.

TAG meetings were held on the following dates:

Meeting or Project Milestone	Date
First Meeting	2 November 2017
Public release of first draft pack	22 November – 5 December 2017
Second Meeting	1 May 2018
Third Meeting	10 August 2018
Public release of Draft Pack 2	19 October – 9 November 2018
2 nd Public release of Draft Pack 2	19 December 2018 – 31 January 2019
Fourth Meeting	13 March 2019
Fifth Meeting	3 April 2019
Public release of final pack for stakeholder validation	18 April – 9 May 2019

Additionally, a working group was established to focus specifically on the Certificate III in Stonemasonry. Working group meetings were held on the following dates:

Meeting	Date
Public release of first draft of components	22 November 2017 – 5 December 2017
1 st Meeting	31 May 2018
2 nd Meeting	15 November 2018
Public release of second draft of components	19 December 2018 – 31 January 2019
Public release of final pack for stakeholder validation	18 April 2019 – 9 May 2019

Industry forums and webinars

Two industry consultation forums were held to provide stakeholders the opportunity to meet with the project team and learn about the project and provide their feedback.

Jurisdiction	City	Date	No. of attendees	Details of forum
NSW	Sydney	19 October 2017	14	Telephone, hangout conferencing and face-to-face (F2F) forum. Discussed the national review into bricklaying and blocklaying, stonemasonry and paving and in terms of determining the currency of the existing units of competency, discussing apprenticeship frameworks, apprentice attrition, industry future needs and technology demands, structural framework of the apprenticeship and the need for pathways from entry level into apprenticeship and post trade and professional development and trade contractor licensing.
SA	Adelaide	5 Feb 2018	12	Full review of Stonemasonry qualification and all the units of competency, including core and the full range of electives.

Industry survey

Five industry surveys were developed to give industry and stakeholders a platform to provide feedback on the development of the training package components throughout the different consultative stages of the project. The surveys were made available publicly on the Artibus Innovation website and promoted through the Artibus Innovation newsletter and members of the TAG and working group.

Survey	Draft Pack	Timeframe	Number of respondents
Certificate III in Bricklaying/Blocklaying	Draft Pack 1 – stakeholder feedback on first draft of training package components	22 November 2017 – 5 December 2017	16
Certificate III in Stonemasonry	Draft Pack 1 – stakeholder feedback on first draft of training package components	22 November 2017 – 5 December 2017	2
Bricklaying/Blocklaying and Paving Project	Draft Pack 2 – stakeholder feedback on second draft of training package components	19 October 2018 – 9 November 2018	7
Bricklaying/Blocklaying and Paving, and Stonemasonry Project	2 nd round of Draft Pack 2 including stonemasonry	19 December 2018 – 31 January 2019	1
Bricklaying, Blocklaying and Stonemasonry – Final Consultation	Draft Pack 3 – Validation for both Certificate III in Bricklaying and Blocklaying and Certificate III in Stonemasonry	18 April 2019 – 9 May 2019	7

Respondents were able to download the draft materials from the website to provide feedback on the qualifications and individual units of competency. The types of questions industry members and other stakeholders were asked in these surveys include:

- Are you aware of any emerging trends or changes happening in the [name of industry] industry that should be considered in reviewing this/these qualification/s? If so, what are they?
- What skills and knowledge might these emerging trends or changes bring about for the industry that will need to be reflected in [the qualification name]?
- Do the core units capture the underpinning skills and knowledge of [the vocational outcome]? Y/N, If no, what is missing?
- Are any skills and knowledge missing from these units that should be part of the elective bank?
- It is proposed that [state proposed change to qualification]. Do you think [this change] will add value to the qualification?
- Do you think there are any other changes needed to this qualification? (Y/N) What are they and why?

Given the response numbers, the survey feedback was provided to the TAG to discuss and consider.

The feedback through the surveys covered:

- unit title relevance to unit content
- performance criteria and evidence – making sure they are relevant to industry
- ensuring knowledge evidence covers current and emerging workplace health and safety issues such as silicosis

The TAG tabled the industry feedback and ensure the components reflect the necessary changes outlined in the feedback.

Other Consultation Correspondence

Additional industry feedback was recorded throughout the project in a project register. Throughout the project, industry members from across the country emailed Artibus Innovation to give feedback on qualification packaging, units of competency and industry skills and knowledge needs (see tables below).

State	Number
NSW	2
QLD	6
SA	1
TAS	2
VIC	1
WA	19
Total	31

Consultation Subject	Number
To give feedback on qualification packaging	8
To give feedback on specific unit/s of competency	14
Query regarding project	3
To give feedback on a particular skill	4
General project discussion	2
Total	31

State/Territory Training Authorities (STAs)

STAs have been kept abreast of the project via newsletters and direct email correspondence. STA feedback on the project was reviewed and put forward to the TAG to consider.

Alternative approaches explored

Nil.

Report by exception

Support for this Case for Endorsement progressing to the AISC for approval has been received from the following STAs:

- New South Wales
- Northern Territory
- Western Australia
- Tasmania
- Queensland.

No response was received from the following STAs:

- Australian Capital Territory

- South Australia.

The Victorian STA has reviewed the project and raised concerns on:

- entry requirements
- qualification and unit equivalency
- unit referencing
- deletion of the CPC31611 Certificate III in Paving the National Register.

Artibus has made amendments to the training package components against the Victorian STA's feedback where possible, and provided a response outlining amendments and rationales for decisions.

After reviewing the response provided by Artibus, the Victorian STA is not prepared to support the project progressing to the AISC for endorsement at this time.

Appendix C: Victorian STA's concerns on the Bricklaying, Blocklaying and Stonemasonry Project outline the concerns raised by the Victorian STA's and the responses provided by Artibus.

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D. Industry expectations about training delivery

Advice about industry's expectations of training delivery

This project aimed to follow the AISCs requirements and support the COAG Industry and Skills Council reforms to training packages. The revised units of competency have been transitioned to align with the *2012 Standards for Training Packages*.

Industry can expect an upskilled workforce that meets their demands. The skills and knowledge embedded in the units of competency will support national training and assessment consistency. Industry can, therefore, expect consistent learner outcomes.

Quality principles

Flexibility

The proposed qualifications provide a range of elective choices which support the transferability of skills and knowledge across various sectors. Examples include, sole traders who may require a very broad range of skills including job planning, specifying masonry supply requirements and briefing the work team.

The proposed qualifications also provide vocational outcomes for specialist contractors in very specific pathways including structural, non-structural and heritage/conservation/restoration, refractory and paving pathways.

The development of these training package components aligns with current industry regulatory and skills needs and expectations.

Recognition

The skills and knowledge embedded in the endorsed components, facilitate and support:

- the application of skills and knowledge acquired by the learner in a range of workplaces
- transferability and portability of skills in different industries.

The assessment requirements in the proposed endorsed components are designed to:

- provide valid evidence of performance and knowledge based on workplace competencies
- provide RTOs with a flexible framework to develop and administer assessment material
- offer a consistent standard of assessment to support positive workplace outcomes.

By aligning the endorsed components against the specific requirements within each national policy document, national and industry portability has been ensured.

Access

The Construction, Plumbing and Services IRC has made the decision to make CPCCWHS1001 Prepare to work safely in the construction industry an entry requirement across the suite of trade qualifications in the CPC training package. It is therefore an entry requirement for both CPC30119 Certificate III in Bricklaying and Blocklaying and CPC32319 Certificate III in Stonemasonry.

The Construction, Plumbing and Services IRC feels it is important for a candidate to achieve competency in CPCCWHS1001 Prepare to work safely in the construction industry before undertaking any further training in either of the proposed qualifications in the interest of workplace safety.

Equity

The units of competency include foundation skills and support equitable access and progression of learners by:

- allowing direct entry
- facilitating occupational pathways in the sector.

Please refer to the *CPC Construction, Plumbing and Services Training Package Version 5.0 Companion Volume Implementation Guide*.

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E. Implementation of the new training packages

IRC recommendation on traineeships and apprenticeships

The IRC and the TAG have not expressed any recommendations on traineeships and apprenticeships for these qualifications.

Advice on occupational and licensing requirements

The qualifications and associated units of competency do not lead to licensing outcomes because the industry does not license these occupations. Workers who are employed by bricklaying, blocklaying, paving or stonemasonry contractors do not need to be licensed. However, licensing requirements may apply for these contractors in different states and territories.

Implementation issues of note and management strategy

The endorsed components have been developed to:

- align with the 2012 Standards for Training Packages
- support the approach of the standards to develop qualifications that are accessible in content, format and logic
- support industry relevant training and assessment practices.

The impact for enterprises is expected to be a positive one. The proposed endorsed components will provide enterprises with a workforce that can apply relevant skills and knowledge across sectors.

The proposed endorsed components meet the requirements for the Standards for Training Packages 2012 and have been uploaded onto the National Register through the Training Package Content Management System (TPCMS) and published on Training.gov.au (TGA).

Advice on downstream effects of the change

The Construction, Plumbing and Service IRC has made the decision to delete the CPC31611 Certificate III in Paving from the Register. The IRC based their decision on low enrolments registered in since 2014. Based on NCVER enrolment data, there has been a total of 9 enrolments in Victoria in the last 4 years. Zero enrolments were registered for 2017.

One of COAGs directives is to remove superfluous qualifications from the National Register, this qualification will have a 12-month teach out period and then be removed from the National Register due to its low enrolments.

Minimal downstream effects are expected due to minimal enrolments, completions and delivery of CPC31611 Certificate III in Paving over the last four years. The unique paving units have been incorporated into the updated CPC30119 Certificate III in Bricklaying and Blocklaying.

F. Quality assurance reports

Editorial Report

An editorial report has been undertaken by Sue Hamilton.

Equity Report

An equity report has been undertaken by Sue Hamilton.

Quality Report

A quality report has been undertaken by Maree Thorne.

Declaration

Artibus Innovation declares that the proposed components adhere to the requirements of the 2012 Standards for Training Packages, the Training Package Products Policy, and the Training Package Development and Endorsement Process Policy.

The CPC Construction, Plumbing and Services Training Package Version 5.0 Companion Volume Implementation Guide can be located on the VETNet website at:

- <https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=7e15fa6a-68b8-4097-b099-030a5569b1ad>
- Artibus Innovation official website, through an external link: www.artibus.com.au.

G. Implementation of the COAG Industry Skills Council reforms to training packages

Supporting COAG Industry Skills Council reforms to training packages

The decision being sought from the AISC will support the COAG Industry and Skills Council reforms to training packages by endorsing components that have been developed to ensure they reflect:

Principle	Evidence
Reflect identified workforce outcomes	The components have been reviewed to reflect industry skilling and training expectations. The packaging rules of both qualifications have been updated to ensure the skills and knowledge to reflect workforce outcomes.
Support national (and international) portability of skills and competencies including reflecting licensing and regulatory requirements	Qualifications belong to the national system and have been updated to provide national training standards across jurisdictions. State and territory jurisdictions may have different licensing, legislative, regulatory or certification requirements. Relevant state and territory regulatory authorities should be consulted to confirm those requirements.
Reflect national agreement about the core transferable skills and core job-specific skills required for job roles as identified by industry;	Industry and stakeholder engagement were sought throughout the project to gather feedback and support the development of both qualifications.
Be flexible enough to meet the diversity of individual and employer needs, including the capacity to adapt to changing job roles and workplaces	<p>The IRC and the TAG have not expressed any recommendations on traineeships and apprenticeships for these qualifications.</p> <p>Training plans can be adapted to meet training, employer and apprentice expectations. The revised qualifications meet the diverse needs of employers by enabling application in different contexts and allowing for the development of specialist skills through the selection of electives.</p> <p>The new and revised units are flexible, so they enable application in different contexts and across sectors.</p>
Facilitate recognition of an individual's skills and competencies and support movement between the school, vocational education and higher education sectors	A number of common units and units at different indicative AQF levels are used in the two revised qualifications. This assists in promoting career pathways and facilitating movement between schools and VET, from entry level into work, and between and across sectors.
Support interpretation by training providers and others through the use of simple, concise language and clear articulation of assessment requirements	The units have been developed in plain English, and have consistent depth and breadth, to better outline training and delivery requirements.

Evidence of completion of the training package development work

This Case for Endorsement will be put forward to the AISC June 2019.

Evidence that training package components are prepared for publication

The proposed components are currently in pre-publishing mode on the TPSCMS.

Approximate Publication Timeframe

The endorsed components will be ready for publication on endorsement and the official release of the AISC communique.

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H. Proposed training package components

Qualification mapping

CPC Construction, Plumbing and Services Training Package Release 5.0	CPC08 Construction, Plumbing and Services Training Package	Comments	Equivalent statement
CPC301120 Certificate III in Bricklaying and Blocklaying	CPC30111 Certificate III in Bricklaying / Blocklaying	Supersedes and is equivalent to CPC30111 Certificate III in Bricklaying / Blocklaying. Updated to meet the Standards for Training Package.	E
CPC32320 Certificate III in Stonemasonry	CPC32313 Certificate III in Stonemasonry (Monumental / Installation)	Supersedes and is equivalent to CPC32313 Certificate III in Stonemasonry (Monumental / Installation) Title changes to the qualification. Updated to meet the Standards for Training Package.	E

CPC31611 Certificate III in Paving will be deleted from the National Register.

Units of competency mapping

CPC Construction, Plumbing and Services Training Package Release 5.0	CPC08 Construction, Plumbing and Services Training Package	Comments	Equivalent statement
CPCCB2001 Handle and prepare bricklaying and blocklaying materials	CPCCB2001A Handle and prepare bricklaying and blocklaying materials	Supersedes and is equivalent to CPCCB2001A Handle and prepare bricklaying and blocklaying materials. Updated to meet the Standards for Training Packages.	E
CPCCB2002 Use bricklaying and blocklaying tools and equipment	CPCCB2002A Use bricklaying and blocklaying tools and equipment	Supersedes and is equivalent to CPCCB2002A Use bricklaying and blocklaying tools and equipment. Updated to meet the Standards for Training Packages.	E
CPCCB3001 Lay paving	CPCCB3001A Lay paving	Supersedes and is equivalent to CPCCB3001A Lay paving. Updated to meet the Standards for Training Packages.	E
CPCCB3002 Carry out masonry veneer construction	CPCCB3002A Carry out masonry veneer construction	Supersedes and is equivalent to CPCCB3002A Carry out masonry veneer construction. Updated to meet the Standards for Training Packages.	E
CPCCB3003 Carry out cavity brick construction	CPCCB3003A Carry out cavity brick construction	Supersedes and is equivalent to CPCCB3003A Carry out cavity brick construction. Updated to meet the Standards for Training Packages.	E
CPCCB3004 Construct masonry steps and stairs	CPCCB3004A Construct masonry steps and stairs	Supersedes and is equivalent to CPCCB3004A Construct masonry steps and stairs.	E

		Updated to meet the Standards for Training Packages.	
CPCCB3005 Lay masonry walls and corners	CPCCB3005A Lay masonry walls and corners	Supersedes and is equivalent to CPCCB3005A Lay masonry walls and corners. Updated to meet the Standards for Training Packages.	E
CPCCB3006 Lay multi-thickness walls and piers	CPCCB3006A Lay multi-thickness walls and piers	Supersedes and is equivalent to CPCCB3006A Lay multi-thickness walls and piers. Updated to meet the Standards for Training Packages.	E
CPCCB3007 Install glass blockwork	CPCCB3007A Install glass blockwork	Supersedes and is equivalent to CPCCB3007A Install glass blockwork. Updated to meet the Standards for Training Packages.	E
CPCCB3009 Install flashings and damp proof course	CPCCB3009A Install flashings and damp proof course	Supersedes and is equivalent to CPCCB3009A Install flashings and damp proof course. Updated to meet the Standards for Training Packages.	E
CPCCB3010 Construct masonry arches	CPCCB3010A Construct masonry arches	Supersedes and is equivalent to CPCCB3010A Construct masonry arches. Updated to meet the Standards for Training Packages.	E
CPCCB3011 Construct curved walls	CPCCB3011A Construct curved walls	Supersedes and is equivalent to CPCCB3011A Construct curved walls. Updated to meet the Standards for Training Packages.	E
CPCCB3012 Construct fireplaces and chimneys	CPCCB3012A Construct fireplaces and chimneys	Supersedes and is equivalent to CPCCB3012A Construct fireplaces and chimneys.	E

		Updated to meet the Standards for Training Packages.	
CPCCB3013 Construct masonry structural systems	CPCCB3013A Construct masonry structural systems	Supersedes and is equivalent to CPCCB3013A Construct masonry structural systems. Updated to meet the Standards for Training Packages.	E
CPCCB3014 Install fire-rated masonry construction	CPCCB3014A Install fire-rated masonry construction	Supersedes and is equivalent to CPCCB3014A Install fire-rated masonry construction. Updated to meet the Standards for Training Packages.	E
CPCCB3015 Construct decorative brickwork	CPCCB3015A Construct decorative brickwork	Supersedes and is equivalent to CPCCB3015A Construct decorative brickwork. Updated to meet the Standards for Training Packages.	E
CPCCB3016 Construct battered masonry walls and piers	CPCCB3016A Construct battered masonry walls and piers	Supersedes and is equivalent to CPCCB3016A Construct battered masonry walls and piers. Updated to meet the Standards for Training Packages.	E
CPCCB3017 Carry out tuck pointing and repointing to masonry	CPCCB3017A Carry out tuck pointing to brickwork	Supersedes and is equivalent to CPCCB3017A Carry out tuck pointing to brickwork. Title change. Updated to meet the Standards for Training Packages.	E
CPCCB3018 Install aerated autoclaved concrete products	CPCCB3018A Install aerated autoclaved concrete products	Supersedes and is equivalent to CPCCB3018A Install aerated autoclaved concrete products. Updated to meet the Standards for Training Packages.	E

CPCCPA3001 Prepare subgrade, base and bedding course for segmental paving	CPCCPA3001A Prepare subgrade, base and bedding course for segmental paving	Supersedes and is equivalent to CPCCPA3001A Prepare subgrade, base and bedding course for segmental paving. Updated to meet the Standards for Training Packages.	E
CPCCPA3002 Lay segmental paving	CPCCPA3002A Lay segmental pavers	Supersedes and is equivalent to CPCCPA3002A Lay segmental pavers. Title change Updated to meet the Standards for Training Packages.	E
CPCCPA3003 Cut segmental paving	CPCCPA3003A Cut segmental pavers	Supersedes and is equivalent to CPCCPA3003A Cut segmental pavers. Updated to meet the Standards for Training Packages.	E
CPCCPA3004 Finish segmental paving	CPCCPA3004A Finish segmental paving	Supersedes and is equivalent to CPCCPA3004A Finish segmental paving. Updated to meet the Standards for Training Packages.	E
CPCCPA3005 Maintain and repair segmental paving	CPCCPA3005A Maintain and repair segmental paving	Supersedes and is equivalent to CPCCPA3005 Maintain and repair segmental paving. Updated to meet the Standards for Training Packages.	E
CPC CST2001 Prepare for stonemasonry construction process	CPC CST2001A Prepare for stonemasonry construction process	Supersedes and is equivalent to CPC CST2001A Prepare for stonemasonry construction process. Updated to meet the Standards for Training Packages.	E
CPC CST2003 Finish stone	CPC CST2003A Finish stone	Supersedes and is equivalent to CPC CST2003A Finish stone.	E

		Updated to meet the Standards for Training Packages.	
CPC CST2004 Lay stone	CPC CST2004A Lay stone	Supersedes and is equivalent to CPC CST2004A Lay stone. Updated to meet the Standards for Training Packages.	E
CPC CST2005 Carry out load slinging of off-site materials	CPC CST2005A Carry out load slinging of off-site materials	Supersedes and is equivalent to CPC CST2005A Carry out load slinging of off-site materials. Updated to meet the Standards for Training Packages.	E
CPC CST2006 Identify and use stone products	CPC CST2006A Identify and use stone products	Supersedes and is equivalent to CPC CST2006A Identify and use stone products. Updated to meet the Standards for Training Packages.	E
CPC CST2007 Use stonemasonry tools, plant and equipment		New unit	
CPC CST3001 Dress and mould stone	CPC CST3001A Dress and mould stone	Supersedes and is equivalent to CPC CST3001A Dress and mould stone. Updated to meet the Standards for Training Packages.	E
CPC CST3002 Shape solid stone	CPC CST3002A Shape solid stone	Supersedes and is equivalent to CPC CST3002A Shape solid stone. Updated to meet the Standards for Training Packages.	E
CPC CST3003 Split stone manually	CPC CST3003A Split stone manually	Supersedes and is equivalent to CPC CST3003A Split stone manually. Updated to meet the Standards for Training Packages.	E
CPC CST3004 Dress stone manually	CPC CST3004A Dress stone manually	Supersedes and is equivalent to	E

		CPCST3004A Dress stone manually. Updated to meet the Standards for Training Packages.	
CPCST3006 Machine stone	CPCST3006A Machine stone	Supersedes and is equivalent to CPCST3006A Machine stone.	E
CPCST3007 Turn stone	CPCST3007A Turn stone	Supersedes and is equivalent to CPCST3007A Turn stone. Updated to meet the Standards for Training Packages.	E
CPCST3009 Use computer-controlled static machinery to produce stone components	CPCST3009A Use computer-controlled static machinery to produce stone components	Supersedes and is equivalent to CPCST3009A Use computer-controlled static machinery to produce stone components. Updated to meet the Standards for Training Packages.	E
CPCST3010 Set out and cut letters in stone	CPCST3010A Set out and cut letters in stone	Supersedes and is equivalent to CPCST3010A Set out and cut letters in stone. Updated to meet the Standards for Training Packages.	E
CPCST3011 Plan monument construction	CPCST3011A Plan monument construction	Supersedes and is equivalent to CPCST3011A Plan monument construction. Updated to meet the Standards for Training Packages.	E
CPCST3012 Build stone veneer walls	CPCST3012A Build stone veneer walls	Supersedes and is equivalent to CPCST3012A Build stone veneer walls. Updated to meet the Standards for Training Packages.	E
CPCST3013 Carry out cemetery monument fixing	CPCST3013A Carry out cemetery monument fixing	Supersedes and is equivalent to CPCST3013A Carry out	E

		cemetery monument fixing. Updated to meet the Standards for Training Packages.	
CPCST3014 Set and anchor stone facades	CPCST3014A Set and anchor stone facades	Supersedes and is equivalent to CPCST3014A Set and anchor stone facades. Updated to meet the Standards for Training Packages.	E
CPCST3015 Apply gilding to stone	CPCST3015A Apply gilding to stone	Supersedes and is equivalent to CPCST3015A Apply gilding to stone. Updated to meet the Standards for Training Packages.	E
CPCST3016 Build solid stonemasonry walls	CPCST3016A Build solid stonemasonry walls	Supersedes and is equivalent to CPCST3016A Build solid stonemasonry walls. Updated to meet the Standards for Training Packages.	E
CPCST3017 Construct stone arches	CPCST3017A Construct stone arches	Supersedes and is equivalent to CPCST3017A Construct stone arches. Updated to meet the Standards for Training Packages.	E
CPCST3018 Inlay lead to stone	CPCST3018A Inlay lead to stone	Supersedes and is equivalent to CPCST3018A Inlay lead to stone. Updated to meet the Standards for Training Packages.	E
CPCST3019 Lay stonemasonry stairs	CPCST3019A Lay stonemasonry stairs	Supersedes and is equivalent to CPCST3019A Lay stonemasonry stairs. Updated to meet the Standards for Training Packages.	E
CPCST3020 Produce reconstituted stone	CPCST3020A Produce reconstituted stone	Supersedes and is equivalent to CPCST3020A Produce reconstituted stone.	E

		Updated to meet the Standards for Training Packages.	
CPCST3021 Restore stone work	CPCST3021A Renovate and restore stone work	Supersedes and is equivalent to CPCST3021A Renovate and restore stone work. Updated to meet the Standards for Training Packages.	E
CPCST3022 Carry out profile work	CPCST3022A Carry out profile work	Supersedes and is equivalent to CPCST3022A Carry out profile work. Updated to meet the Standards for Training Packages.	E
CPCST3023 Apply drawing principles to stonemasonry		New unit	
CPCST3024 Apply conservation principles and practices to heritage stonework		New unit	
CPCST3025 Carry out basic stonemasonry demolition		New unit	
CPCST4001 Prepare to undertake the heritage restoration process	CPCBC4036A Prepare to undertake the heritage restoration process	Supersedes and is equivalent to CPCBC4036A Prepare to undertake the heritage restoration process. Minor code change and updated to meet the Standards for Training Packages.	E
CPCST4002 Undertake the heritage restoration process	CPCBC4039A Undertake the heritage restoration process	Supersedes and is equivalent to CPCBC4039A Undertake the heritage restoration process. Minor code change and updated to meet the Standards for Training Packages.	E
CPCST4003 Undertake preparations for refractory work	CPCBC4041A Undertake preparations for refractory work	Supersedes and is equivalent to CPCBC4041A Undertake	E

		preparations for refractory work. Minor code change and updated to meet the Standards for Training Packages.	
CPCST4004 Initiate the heritage works process	CPCBC4035A Initiate the heritage works process.	Supersedes and equivalent to Supersedes and equivalent to CPCBC4035A Initiate the heritage works process. Unit has been recoded.	E
CPCST4005 Prepare drawings for the heritage works	CPCBC4037A Prepare drawings for heritage works	Supersedes and equivalent to CPCBC4037A Prepare drawings for heritage works. Unit has been recoded.	E
CPCST4006 Prepare report for heritage restoration work	CPCBC4040A Prepare report for heritage restoration work	Supersedes and equivalent to CPCBC4040A Prepare report for heritage restoration work.	E
CPCST4007 Construct a fire brick wall and arch using refractory materials	CPCBC4042A Construct a fire brick wall and arch using refractory materials	Supersedes and equivalent to CPCBC4042A Construct a fire brick wall and arch using refractory materials.	E

Imported units of competency

Code and title	Training Package
AHCLSC307 Implement a retaining wall project	Agriculture, Horticulture and Conservation and Land Management Training Package
BSBSMB301 Investigate micro business opportunities	Business Services Training Package
BSBSMB421 Manage small business finances	Business Services Training Package

Appendix A: Industry stakeholders

Technical Advisory Group (TAG) Members

TAG Member	Organisation
Alan Davis – TAG Chair	WA Construction Training Council
Loris Moriconi	ABN Training GTO
James Charlwood	Cathedral Stone
Trisch Baff	FCTA Building Career
David Taylor	North Metro Tafe
Fergal Doyle	CFMMEU
Trent O’Sullivan	Masonry Contractor’s Association
Tony Bishop	ABBTF
Peter Locke	Bricklayer–Instructor (MBA)
Brendan Coyle	ABBTF – Proxy for Tony Bishop

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Stonemasonry Working Group Members

Working Group Member	Organisation
Franz Wegner	Roskstone Industries – representing the SA Stone Standards Board
Ben Wegner	Custom Stone
Keith McAllistar	Heritage Stone Restoration
Mark Gosden	CITB
David Williams	Holmesglen TAFE
Kim Lukomski	Stone Ideas
Justin Bon Ventre	JPC Granite
Jose Paim Bruges	Tradition Rebuilt
Mark Burns	(Business name not listed) The Trustee for no National Family Trust
Jodie Badcock	RESA/ CITB
Matt Hogg	FCTA –Building Careers
James Charlwood	Cathedral Stone
Trisch Baff	CEO FCTA –Building Careers

Forum attendees

Location: Sydney, NSW

Date: 19/10/2017

Name of attendee	Organisation
Peter Moore	Bathurst TAFE
Paul Venn	Coffs Harbour TAFE
Tracey Van Breugel	Masonry Contractors Association
Greg Cheethman	Nirimba TAFE
Beverly Glover	Masonry Contractors Association
Trent O’Sullivan	Masonry Contractors Association
Nick Gordon	Masonry Contractors Association
Tim Murphy	Masonry Contractors Association
Andrew Bryson	NSW Construction and Select Property Services ITAB
Rudi Meuwissen	TAFE NSW
Greg Ible	TAFE NSW
Greg Todman	Illawarra TAFE
Vince Ball	Construction Industry Training Council

Location: Adelaide, SA

Date: 05/02/2018

Name of attendee	Organisation
Trisch Baff	CEO FCTA –Building Careers
Justin Bon Ventre	JPC Granite Pty Ltd
Franz Wegner	Roskstone Industries – representing the SA Stone Standards Board
Kim Lukomski	Stoneideas Pty Ltd
Ben Wegner	Custom Stone
Keith McAllistar	Heritage Stone Restoration
Mark Burns	Trustee for Bruzier National Family Trust
Jose Paim Bruges	Tradition Rebuilt Investments Pty Ltd
Mark Gosden	CITB
Elizabeth Jansz	Holmesglen TAFE
David Williams	Holmesglen TAFE
Jodie Badcock	RESA/CITB Training Package Consultant

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Appendix B: IRC support

The Construction, Plumbing and Services IRC supports the submission of training package components put forward in this Case for Endorsement.

Signed on behalf by the appointed Chair of the Construction, Plumbing and Services IRC.

Name of Chair:

Stuart Maxwell

Signature of Chair:

A handwritten signature in black ink, appearing to read 'Stuart Maxwell', written over a faint rectangular grid background.

Date: 27 June 2019

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Appendix C: Victorian STA's concerns on the Bricklaying, Blocklaying and Stonemasonry Project

Report by exception: Victorian STA feedback

9 July 2019 Feedback provided by the Victorian STA to Artibus

10 July 2019 Artibus provided a response to the Victorian STA

STA Feedback 1:

The unit *CPCPCWHS1001 Prepare to work safely in the construction industry*, a newly introduced entry requirement to the Certificate III in Bricklaying and Blocklaying and the Certificate III in Stonemasonry, is not a foundational skill on which to build the vocational outcome, it is an employment requirement. The Entry Requirement does not comply with Standard 2.

If the industry considers the unit to be an essential requirement for both qualification job role outcomes it should be included as a core unit, where it can be contextualised to the industry outcome.

Artibus Response 1:

The Construction IRC has deliberated on the inclusion of CPCWHS1001 at length and has recommended that it be included in every trade level qualification. The rationale for this decision is that 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 unit CPCWHS1001 Prepare to work safely in the construction industry meets this requirement.

The unit is included as either a core or as an entry requirement to CPC qualifications in accordance with industry advice on which is preferable. The approach taken in qualification design notes that that the unit is a stand-alone unit of competency compliant to the model code of practice and is therefore not customised to meet different contexts. A further consideration is the learner pathway noting that the majority of Certificate III apprentices already hold the unit of competency attained through lower level qualifications.

The IRC's rationale has been provided in the Companion Volume Implementation Guide (CVIG) to comply with Standard 2.

STA Feedback 2:

The Certificate III in Bricklaying and Blocklaying includes both the current *CPCWHS2001 Apply WHS requirements, policies and procedures in the construction industry* (core) and its equivalent superseded unit, *CPCCOHS2001A Apply OHS requirements, policies and procedures in the construction industry* (general elective). We note that the superseded unit has been included due to it being a prerequisite to 1 unit imported from the CPC08 Construction, Plumbing and Services Training Package (*CPCCCM2009A Carry out basic demolition*). Requiring learners to undertake 2 equivalent iterations of the same unit does not support industry relevant training and assessment practices, as stated in the Case for Endorsement (page 13-Implementation issues of note and management strategy). **Please advise how this issue is proposed to be managed.**

Artibus Response 2:

CPCCOHS2001A Apply OHS requirements, policies and procedures in the construction industry has been removed from the qualification.

Artibus will seek IRC approval to update all units of competency to remove CPCCOHS2001A Apply OHS requirements, policies and procedures in the construction industry as a prerequisite and replace it with the updated CPCCWHS2001 Apply WHS requirements, policies and procedures in the construction industry.

STA Feedback 3:

We also note that the unit *Work safely at heights* is included in the core of the Certificate III in Bricklaying and Blocklaying with the code CPCCCM2012. This unit is currently listed on the national register as *CPCCCM2010B Work safely at heights*. There is no indication that the current unit is also proposed for endorsement and the current unit also has the superseded unit *CPCCOHS2001A Apply OHS requirements, policies and procedures in the construction industry* as a prerequisite.

Please advise if the unit *CPCCCM2010B Work safely at heights* is proposed for endorsement in another concurrent project, with the code CPCCCM2012, and how any concurrent endorsement will be managed where the unit is included in multiple qualifications? If this is not the case please amend the qualification with the correct unit code.

Artibus Response 3:

The qualification will be amended to reflect CPCCCM2010B Work safely at heights.

STA Feedback 4:

Similarly, the Certificate III in Stonemasonry includes both the current *CPCCWHS2001 Apply WHS requirements, policies and procedures in the construction industry* (core) and its equivalent superseded unit, *CPCCOHS2001A Apply OHS requirements, policies and procedures in the construction industry* (general elective). We note that the superseded unit has been included due to it being a prerequisite to 4 units imported from the CPC08 Construction, Plumbing and Services Training Package (*CPCCCM2010B Work safely at heights, CPCCCM2002A Carry out excavation, CPCCCM2005B Use construction tools and equipment, CPCCSC2002A Erect and dismantle basic scaffolding*). Requiring learners to undertake 2 equivalent iterations of the same unit does not support industry relevant training and assessment practices, as stated in the Case for Endorsement (page 13-Implementation issues of note and management strategy).

Please advise how this issue is proposed to be managed, noting that some units are used in multiple qualifications – we would anticipate this would have been considered by the SSO and IRC but we’re not clear about which projects are reviewing them – please advise.

Artibus Response 4:

CPCCOHS2001A Apply OHS requirements, policies and procedures in the construction industry has been removed from the qualification.

Artibus will seek IRC approval to update all units of competency to remove CPCCOHS2001A Apply OHS requirements, policies and procedures in the construction industry as a prerequisite and replace it with the updated CPCCWHS2001 Apply WHS requirements, policies and procedures in the construction industry.

STA Feedback 5:

The Certificate III in Bricklaying and Blocklaying has been mapped as equivalent to its predecessor qualification however it now includes an additional outcome related to paving as a result of the proposed deletion of the Certificate III in Paving. This additional outcome means that two qualifications are not equivalent. **Please amend the qualification mapping for the Certificate III in Bricklaying and Blocklaying from equivalent to not equivalent.**

Artibus Response 5:

The packaging of the CPC30119 Certificate III in Bricklaying and Blocklaying are flexible and do not mandate the paving specialisation as an occupational outcome.

The TAG advised that updated CPC30119 Certificate III in Bricklaying and Blocklaying is equivalent to its predecessor because the:

paving units of competency that have been incorporated into the qualification are electives and the packaging rules do not stipulate that they must be chosen in order to achieve the qualification inclusion of the paving units into the qualification is aimed to provide a range of competencies that industry agree are relevant to vocation(s).

STA Feedback 6:

The Case for Endorsement notes, in B: Description of work and request for approval (page 6), that the Certificate III in Paving is proposed for deletion with relevant units included in the Certificate III in Bricklaying and Blocklaying, due to very low enrolments since 2014 and only 3 RTOs with the qualification on scope and no delivery. Victorian enrolment data indicates that there were a total of 30 enrolments in this qualification in 2018 and 2019. While these numbers are small they do indicate training delivery is occurring. **Please review and amend the statement in the Case for Endorsement and include information on the consultation undertaken to ensure the deletion of the Certificate III in Paving will not have an adverse effect on learners. How will the proposed deletion be managed?**

Artibus Response 6:

The Construction, Plumbing and Service IRC has made the decision to delete the CPC31611 Certificate III in Paving from the Register. The IRC based their decision on low enrolments registered in since 2014. Based on NCVER enrolment data, there has been a total of 9 enrolments in Victoria in the last 4 years. Zero enrolments were registered for 2017. One of COAGs directives is to remove superfluous qualifications from the National Register, this qualification will have a 12-month teach out period and then be removed from the National Register due to its low enrolments.

The Case for Endorsement has been amended to include the IRC's rationale on the deletion of qualification and advise on any downstream effects on learners.

Second Round of Feedback: Victorian STA Report by Exception

17 July 2019 Victorian STA provides response

26 July 2019 Artibus provides response

Victoria does not support the Case for Endorsement for the CPC Construction, Plumbing and Services Training Package (Release 5) Bricklaying and Blocklaying Project. Our concerns relate to issues of entry requirements and duplicated units of competency in the qualifications:

STA Feedback 1:

The unit *CPCPCWHS1001 Prepare to work safely in the construction industry* is a newly introduced entry requirement which is an employment requirement rather than a foundational skill on which to build the vocational outcome. If the industry considers the unit to be an essential requirement for both qualification job role outcomes it should be included as a core unit.

Victoria notes that if, as Artibus has stated, the Construction, Plumbing and Service IRC has included CPCPCWHS1001 Prepare to work safely in the construction industry as an entry requirement to ensure that individuals training to work in the construction industry are equipped with the appropriate workplace health and safety skills and knowledge, then the unit should be packaged as part of the core.

Artibus Response 1:

At the 19 February 2019 meeting, the Construction, Plumbing and Services IRC discussed the inclusion of the unit CPCPCWHS1001 Prepare to work safely in the construction industry as a core or pre-requisite unit for all CPC qualifications. There was consensus at this meeting that the unit be a core unit in all CPC qualifications.

All the TAGs were informed of the IRC's decision and the CPC qualifications in current projects were updated to include CPCPCWHS1001 Prepare to work safely in the construction industry as core unit.

At the 18 April 2019 IRC meeting, the issue was discussed again, and the IRC agreed that CPCPCWHS1001 Prepare to work safely in the construction industry be included as an entry requirement for all CPC AQF I – III qualifications.

The rationale for this decision is that the unit covers vital safety skills and knowledge required for all workers in the industry and is also a regulatory requirement to work on a construction site. 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 unit CPCPCWHS1001 Prepare to work safely in the construction industry meets this requirement.

The approach taken in qualification design notes that that the unit is a stand-alone unit of competency compliant to the Model Code of Practice and is therefore not customised to meet different contexts. A further consideration is the learner pathway noting that the majority of apprentices already hold the unit of competency attained through lower level qualifications.

Consequently, all the TAGs were informed of the change, and AQF level I – III CPC qualifications were amended to include CPCPCWHS1001 Prepare to work safely in the construction industry as an entry requirement.

STA Feedback 2:

The qualifications include both the current CPCCWHS2001 Apply WHS requirements, policies and procedures in the construction industry and its equivalent superseded unit, CPCCOHS2001A Apply OHS requirements, policies and procedures in the construction industry, due to prerequisite requirements for units from the CPC and the CPC08 iterations of the Construction, Plumbing and Services Training Package. Requiring learners to undertake 2 equivalent iterations of the same unit does not support industry relevant training and assessment practices, as stated in the Case for Endorsement (page 13-Implementation issues of note and management strategy).

Victoria does not support the Artibus response to remove CPCCOHS2001A Apply OHS requirements, policies and procedures in the construction industry from the qualification as the unit will still need to be delivered and assessed due to its prerequisite relationship with core units. We note the Training Package Products Policy requires that where an imported unit of competency has a prerequisite requirement, the pre-requisite must remain with the unit when imported into another Training Package.

Victoria does not support the Artibus proposal to seek IRC approval to update all units of competency to remove CPCCOHS2001A Apply OHS requirements, policies and procedures in the construction industry as a prerequisite and replace it with the updated CPCCWHS2001 Apply WHS requirements, policies and procedures in the construction industry as the IRC does not have the authority to change prerequisite units without approval through the endorsement process. We note the Training Package Products Policy which states that where a pre-requisite unit of competency is removed, replaced or added to a unit of competency, the code of the unit of competency must be changed and the unit without the pre-requisite unit (or with a new or different pre-requisite unit) submitted as a NSSC Endorsement Required change

Artibus Response 2:

Artibus apologises for not providing sufficient details of our approach in the initial reply and we would like to take the opportunity to correct any wrong impression unintentionally created.

We seek to resolve the issue you've identified on the duplicate listing of the following units of competency within CPC qualifications:

- CPCCOHS2001A Apply OHS requirements, policies and procedures in the construction industry
- CPCCWHS2001 Apply WHS requirements, policies and procedures in the construction industry

To date, Artibus has advised the IRC Chair of this issue and nominated a strategy that aims to resolve the issue of duplicated units of competency in the packaging of qualifications.

The IRC Chair's will provide further guidance on the matter in due course.

For the moment, both the units of competency listed above will be relisted in the CPC qualifications to comply with policy requirements.

We will keep you inform of any updates in the near future.

Appendix D: Editorial Report

1. Cover page	
Information required	Detail
Training Package title and code	CPC Construction, Plumbing and Services Training Package, Release 5.0
Number of new qualifications and their titles ¹	Nil
Number of revised qualifications and their titles	There are two revised qualifications: <ul style="list-style-type: none"> • CPC30119 Certificate III in Bricklaying and Blocklaying • CPC32319 Certificate III in in Stonemasonry
Number of new units of competency and their titles	Four new units of competency have been developed: <ul style="list-style-type: none"> • CPCST2007 Use stonemasonry tools, plant and equipment • CPCST3023 Apply drawing principles to stonemasonry • CPCST3024 Apply conservation principles and practices to heritage stonework • CPCST3025 Carry out basic stonemasonry demolition
Number of revised units of competency and their titles	52 revised units of competency. – see Attachment 1.
Confirmation that the draft training package components are publication-ready	The draft components relating to bricklaying, blocklaying and stonemasonry reviewed meet the requirements of the Standards for Training Packages 2012 and are publication ready.
Is the Editorial Report prepared by a member of the Quality Assurance Panel? If 'yes' please provide a name.	Yes - Sue Hamilton is a member of the Quality Assurance Panel.
Date of completion of the report	13 June 2019

¹ When the number of training products is high the titles can be presented as an attachment.

2. Content and structure

Units of competency

Editorial requirements	Comments
<p>Standard 5:</p> <ul style="list-style-type: none"> The structure of units of competency complies with the unit of competency template. 	<p>The structure of the four new and 52 revised units complies with the unit of competency template.</p> <p>The coding and titling of the units comply with the unit of competency template. The revised units that have been transitioned to meet the requirements of the Standards for Training Packages (2012) have retained their coding with the suffix removed.</p> <p>No units have occupational licensing or certification requirements. The requirement for persons who carry out construction work, specified in the model Code of Practice for Construction Work, is noted appropriately in the Application field of each unit.</p> <p><i>“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 CPCCWHS1001 Prepare to work safely in the construction industry meets this requirement.”</i></p> <p>With the exception of four units, all other units contain the prerequisite unit CPCCWHS2001 Apply WHS requirements, policies and procedures in the construction industry. This unit is included as a core unit in both qualifications.</p> <p>Foundation skills are described in the appropriate field utilising skills as described in the Australian Core Skills Framework (ACSF). The additional employment skills of technology and team work have been included in some units.</p> <p>The equivalence (old to revised/new) is stated in each unit.</p>
<p>Standard 7:</p> <ul style="list-style-type: none"> The structure of assessment requirements complies with the assessment requirements template. 	<p>All 56 units of competency have associated assessment requirements, which comply with the assessment requirements template and the Standards for Training Packages 2012.</p> <p>The assessment requirements are clearly written and have consistent breadth and depth. The performance evidence reflects workplace tasks and includes appropriate volume and frequency requirements.</p> <p>Artibus Innovation has indicated that all aspects of the assessment requirements are approved by stakeholders and the Construction, Plumbing and Services Industry Reference Committee (IRC).</p>

Qualifications

Editorial requirements	Comments by the editor
<p>Standard 9:</p> <ul style="list-style-type: none"> The structure of the information for qualifications complies with the qualification template. 	<p>The two revised qualifications comply with the qualification template with all required fields completed.</p> <ul style="list-style-type: none"> Coding and titling are appropriate reflecting changes from the previous version of each qualification. An entry requirement is specified for both qualifications - <i>CPCCWHS1001 Prepare to work safely in the construction industry</i> (industry WHS induction / 'white card'). The Case for Endorsement (CfE) states that "<i>The Construction, Plumbing and Services IRC has made the decision to make CPCCWHS1001 Prepare to work safely in the construction industry an entry requirement across the suite of trade qualifications in the CPC training package</i>". The CPC Companion Volume Implementation Guide (CPC CVIG) makes several references to this industry requirement. The core and electives cover a broad range of units in the bricklaying and blocklaying, stonemasonry and general construction sectors. The packaging rules allow for specialisations with units selected from groups of electives. The equivalence of the revised to previous version is stated in each qualification.
<p>Standard 10:</p> <ul style="list-style-type: none"> Credit arrangements existing between Training Package qualifications and Higher Education qualifications are listed in a format that complies with the credit arrangements template. 	<p>No credit arrangements with Higher Education apply to either qualification reviewed. Artibus Innovation provided separate documentation in a format that complies with the credit arrangements template.</p>

Companion Volumes

Editorial requirements	Comments by the editor
<p>Standard 11:</p> <ul style="list-style-type: none"> A quality assured companion volume implementation guide is available and complies with the companion volume implementation guide template. 	<p>The training package components in this submission are accompanied by the <i>CPC Construction, Plumbing and Services Training Package Companion Volume Implementation Guide, Release 5.0</i></p> <p>The CPC CVIG complies with the companion volume implementation guide template included in the 2012 Standards, and has been quality assured in line with Artibus Innovation's internal processes and editorial review.</p>

3. Proofreading

Editorial requirements	Comments by the editor
<ul style="list-style-type: none"> Unit codes and titles and qualification codes and titles are accurately cross-referenced throughout the training package product(s) including mapping information and packaging rules, and in the companion volume implementation guide. 	<p>The unit codes and titles have been proofread and cross-referenced throughout all documentation provided – units, qualifications, CfE and CPC CVIG.</p> <p>Artibus Innovation addressed a range of edits, sequencing of units and typographical errors noted during the editorial review.</p>

Editorial requirements	Comments by the editor
<ul style="list-style-type: none"> • Units of competency and their content are presented in full. 	<p>All 56 units of competency and their associated assessment requirements were presented in full.</p>
<ul style="list-style-type: none"> • The author of the Editorial Report is satisfied with the quality of the training products, specifically with regard to: <ul style="list-style-type: none"> ○ absence of spelling, grammatical and typing mistakes ○ consistency of language and formatting ○ logical structure and presentation of the document ○ compliance with the required templates 	<p>This editorial review has incorporated checking:</p> <ul style="list-style-type: none"> • spelling/typing mistakes • numbering (codes and performance criteria) • checking acronyms • consistency of language throughout • structure and presentation of documents • compliance with templates. <p>Throughout this process, the Artibus Innovation team incorporated many of the suggestions provided in an interim report during the editorial review, or clearly explained why aspects should stay as they are.</p>

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Attachment 1: CPC training package components

Qualifications

CPC qualifications

- CPC30119 Certificate III in Bricklaying and Blocklaying
- CPC32319 Certificate III in in Stonemasonry

Units of competency

CPC Units of Competency

New units

- CPCCST2007 Use stonemasonry tools, plant and equipment
- CPCCST3023 Apply drawing principles to stonemasonry
- CPCCST3024 Apply conservation principles and practices to heritage stonework
- CPCCST3025 Carry out basic stonemasonry demolition

CPC Units of Competency

Revised units

- CPCCBL2001 Handle and prepare bricklaying and blocklaying materials
- CPCCBL2002 Use bricklaying and blocklaying tools and equipment
- CPCCBL3001 Lay paving
- CPCCBL3002 Carry out masonry veneer construction
- CPCCBL3003 Carry out cavity brick construction
- CPCCBL3004 Construct masonry steps and stairs
- CPCCBL3005 Lay masonry walls and corners
- CPCCBL3006 Lay multi-thickness walls and piers
- CPCCBL3007 Install glass blockwork
- CPCCBL3009 Install flashings and damp proof course
- CPCCBL3010 Construct masonry arches
- CPCCBL3011 Construct curved walls
- CPCCBL3012 Construct fire places and chimneys
- CPCCBL3013 Construct masonry structural systems
- CPCCBL3014 Install fire-rated masonry construction
- CPCCBL3015 Construct decorative brickwork
- CPCCBL3016 Construct battered masonry walls and piers.
- CPCCBL3017 Carry out tuck pointing to brickwork
- CPCCBL3018 Install aerated autoclaved concrete products
- 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
- CPCCST2001 Prepare for stonemasonry construction process
- CPCCST2003 Finish stone
- CPCCST2004 Lay stone
- CPCCST2005 Carry out load slinging of off-site materials
- CPCCST2006 Identify and use stone products
- CPCCST3001 Dress and mould stone
- CPCCST3002 Shape solid stone
- CPCCST3003 Spilt stone manually
- CPCCST3004 Dress stone manually
- CPCCST3006 Machine stone
- CPCCST3007 Turn stone
- CPCCST3009 Use computer-controlled static machinery to produce stone components
- CPCCST3010 Set out and cut letters in stone
- CPCCST3011 Plan monument construction

CPC Units of Competency

- CCCCST3012 Build stone veneer walls
- CCCCST3013 Carry out cemetery monument fixing
- CCCCST3014 Set and anchor stone facades
- CCCCST3015 Apply gilding to stone
- CCCCST3016 Build solid stonemasonry walls
- CCCCST3017 Construct stone arches
- CCCCST3018 Inlay lead to stone
- CCCCST3019 Lay stonemasonry stairs
- CCCCST3020 Produce reconstituted stone
- CCCCST3021 Restore stone work
- CCCCST3022 Carry out profile work
- CCCCST4001 Prepare to undertake the heritage restoration process
- CCCCST4002 Undertake the heritage restoration process
- CCCCST4003 Undertake preparations for refractory work

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Appendix E: Equity Report

Section 1 – Cover page

Information required	Detail
Training Package title and code	CPC Construction, Plumbing and Services Training Package, Release 5.0
Number of new qualifications and their titles ¹	Nil
Number of revised qualifications and their titles	There are two revised qualifications: <ul style="list-style-type: none"> • CPC30119 Certificate III in Bricklaying and Blocklaying • CPC32319 Certificate III in in Stonemasonry
Number of new units of competency and their titles	Four new units of competency have been developed: <ul style="list-style-type: none"> • CPCST2007 Use stonemasonry tools, plant and equipment • CPCST3023 Apply drawing principles to stonemasonry • CPCST3024 Apply conservation principles and practices to heritage stonework • CPCST3025 Carry out basic stonemasonry demolition
Number of revised units of competency and their titles	52 revised units of competency. – see Attachment 1.
Confirmation that the draft training package components meet the requirements in Section 2 <i>Equity checklist of draft training package components</i>	The draft components relating to bricklaying, blocklaying and stonemasonry reviewed meet the requirements of the Standards for Training Packages 2012.
Is the Equity Report prepared by a member of the Quality Assurance Panel? If 'yes' please provide the name.	Yes - Sue Hamilton is a member of the Quality Assurance Panel.
Date of completion of the report	13 June 2019

¹ When the number of training products is high the titles can be presented as an attached list.

Section 2 – Equity checklist of draft training package components

Equity requirements	Equity reviewer comments Provide brief commentary on whether the draft endorsed components meet each of the equity requirements
<p>The training package component(s) comply with Standard 2 of the <i>Standards for Training Packages 2012</i>. The standard requires compliance with the <i>Training Package Products Policy</i>, specifically with the access and equity requirements:</p> <ul style="list-style-type: none"> • Training Package developers must meet their obligations under Commonwealth anti-discrimination legislation and associated standards and regulations. • Training Package developers must ensure that Training Packages are flexible and that they provide guidance and recommendations to enable reasonable adjustments in implementation. 	<p>The 56 (new and revised) units of competency and two qualifications reviewed comply with Standard 2 of the <i>Standards for Training Packages</i> and the Training Package Products Policy.</p> <p>The <i>CPC Companion Volume Implementation Guide, Release 5</i>. (CPC CVIG) includes guidance to ensure that learners are not discriminated against, and guidance around reasonable adjustment to accommodate learners with disabilities or particular needs. Reference has been made to <i>Disability Standards for Education, 2005</i>.(p 149)</p>

Section 3 - Training Package Quality Principles

Quality Principle 4

Be **flexible** to meet the diversity of individual and employer needs, including the capacity to adapt to changing job roles and workplaces.

Key features

Do the units of competency meet the diversity of individual and employer needs and support equitable access and progression of learners?

What evidence demonstrates that the units of competency and their associated assessment requirements are clearly written and have consistent breadth and depth so that they support implementation across a range of settings?

Are there other examples that demonstrate how the key features of flexibility are being achieved?

Equity requirements	Equity reviewer comments
<p>1. What evidence demonstrates that the draft components provide flexible qualifications/units of competency that enable application in different contexts?’</p>	<p>Two qualifications have undergone a major revision to provide more flexible qualifications and improve pathways. This includes:</p> <ul style="list-style-type: none"> • merging the Certificate III in Paving and the Certificate III in Bricklaying/Blocklaying to develop a qualification that meets the broader needs of the sector (CPC30119 Certificate III in Bricklaying and Blocklaying) • addressing skills gaps in the stonemasonry sector - four new units were developed for the revised qualification (CPC32319 Certificate III in Stonemasonry) <p>Both qualifications include CPC units from other sectors, imported units and the ability to import additional electives from suitable training packages which allows mobility across sectors. They also group electives to provide options for individuals and employers in different contexts or in specialist occupational areas. Both qualifications include the unit <i>CPCWHS1001 Prepare to work safely in the construction industry</i> as an entry requirement. This unit is the construction industry’s work health and safety induction training (‘white card’) required for entry to construction sites. The Case for Endorsement (CfE p12) states that “(the unit)... <i>is already a requirement to work in the construction industry and therefore will not pose any access issues for the qualifications</i>”. The CPC CVIG makes numerous mentions of this unit and the industry requirements in a range of CPC qualifications. The assessment requirements of all the units submitted for review, specify that assessment must take place in a workplace or in a simulated workplace environment. This allows for assessment to occur in a range of different contexts.</p>
<p>2. Is there evidence of multiple entry and exit points?</p>	<p>Both qualifications make use of ‘common’ construction and work health and safety units across different indicative AQF levels that would gain credits in qualifications in a number of construction sectors. They also provide groupings of electives to allow specialist skills to be developed.</p> <p>At this stage there is limited information in the CPC CVIG outlining pathway options (refer to Quality Principle 5).</p>

Equity requirements	Equity reviewer comments
3. Have prerequisite units of competency been minimised where possible?	With the exception of four units, all other units contain the prerequisite unit <i>CPCCWHS2001 Apply WHS requirements, policies and procedures in the construction industry</i> . This unit is included as a core unit in both qualifications and once completed should not limit flexibility in accessing other units.
4. Are there other examples of evidence that demonstrate how the key features of the flexibility principle are being achieved?	Both revised qualifications include options in the packaging rules that allow for a general or specialist occupational outcome. The qualifications include imported units within the electives and the packaging rules allow for additional units to be imported as elective units. The use of common/cross sector CPC units also allows for mobility across different construction sectors.

Quality Principle 5

Facilitate **recognition** of an individual's skills and knowledge and support movement between the school, vocational education and higher education sectors.

Key features

Support learner transition between education sectors.

Equity requirements	Equity reviewer comments
1. What evidence demonstrates pathways from entry and preparatory level as appropriate to facilitate movement between schools and VET, from entry level into work, and between VET and higher education qualifications?	There is limited information in the CPC CVIG on career pathways for bricklaying, blocklaying and stonemasonry in the construction industry. This is due to the training package being partially transitioned from CPC08 (17 qualifications are included in CPC Release 5 compared with 40+ qualifications in CPC08). Pathways advice provided in the CPC CVIG is that both qualifications are suitable for an Australian Apprenticeship pathway (p 149). There are no credit arrangements for pathways to Higher Education. This is stated in separate credit arrangement documents for each qualification.

Quality Principle 6

Support interpretation by training providers and others through the use of simple, concise language and clear articulation of assessment requirements.

Key features

Support implementation across a range of settings and support sound assessment practices.

Equity requirements	Equity reviewer comments
<p>1. Does the Companion Volume Implementation Guide include advice about:</p> <ul style="list-style-type: none"> • Pathways • Access and equity • Foundation skills? <p>(see Training Package Standard 11)</p>	<p>The <i>CPC CVIG, Release 5.0</i>, includes adequate information about access and equity issues and basic training pathway information. Guidance to ensure that learners are not discriminated against, and guidance about reasonable adjustment to accommodate learners with disabilities or particular needs is provided in the CPC CVIG (p149).</p> <p>The CPC CVIG also outlines information about Foundation Skills and the main framework adopted, namely: the Australian Core Skills Framework (ACSF). Some units include additional foundation skills relating to use of technology.</p>
<p>2. Are the foundation skills explicit and recognisable within the training package and do they reflect and not exceed the foundation skills required in the workplace?</p>	<p>Many of the Foundation Skills are explicit in the performance criteria. Those that are not, are clearly stated in the Foundation Skills field of relevant CPC units of competency. They do not exceed the foundation skills required in the workplace.</p>

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Attachment 1: CPC training package components

Qualifications

CPC qualifications

- CPC30119 Certificate III in Bricklaying and Blocklaying
- CPC32319 Certificate III in in Stonemasonry

Units of competency

CPC Units of Competency

New units

- CPCCST2007 Use stonemasonry tools, plant and equipment
- CPCCST3023 Apply drawing principles to stonemasonry
- CPCCST3024 Apply conservation principles and practices to heritage stonework
- CPCCST3025 Carry out basic stonemasonry demolition

CPC Units of Competency

Revised units

- CPCCBL2001 Handle and prepare bricklaying and blocklaying materials
- CPCCBL2002 Use bricklaying and blocklaying tools and equipment
- CPCCBL3001 Lay paving
- CPCCBL3002 Carry out masonry veneer construction
- CPCCBL3003 Carry out cavity brick construction
- CPCCBL3004 Construct masonry steps and stairs
- CPCCBL3005 Lay masonry walls and corners
- CPCCBL3006 Lay multi-thickness walls and piers
- CPCCBL3007 Install glass blockwork
- CPCCBL3009 Install flashings and damp proof course
- CPCCBL3010 Construct masonry arches
- CPCCBL3011 Construct curved walls
- CPCCBL3012 Construct fire places and chimneys
- CPCCBL3013 Construct masonry structural systems
- CPCCBL3014 Install fire-rated masonry construction
- CPCCBL3015 Construct decorative brickwork
- CPCCBL3016 Construct battered masonry walls and piers.
- CPCCBL3017 Carry out tuck pointing to brickwork
- CPCCBL3018 Install aerated autoclaved concrete products
- 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
- CPCCST2001 Prepare for stonemasonry construction process
- CPCCST2003 Finish stone
- CPCCST2004 Lay stone
- CPCCST2005 Carry out load slinging of off-site materials
- CPCCST2006 Identify and use stone products
- CPCCST3001 Dress and mould stone
- CPCCST3002 Shape solid stone
- CPCCST3003 Spilt stone manually
- CPCCST3004 Dress stone manually
- CPCCST3006 Machine stone
- CPCCST3007 Turn stone
- CPCCST3009 Use computer-controlled static machinery to produce stone components
- CPCCST3010 Set out and cut letters in stone
- CPCCST3011 Plan monument construction

CPC Units of Competency

- CPCCST3012 Build stone veneer walls
- CPCCST3013 Carry out cemetery monument fixing
- CPCCST3014 Set and anchor stone facades
- CPCCST3015 Apply gilding to stone
- CPCCST3016 Build solid stonemasonry walls
- CPCCST3017 Construct stone arches
- CPCCST3018 Inlay lead to stone
- CPCCST3019 Lay stonemasonry stairs
- CPCCST3020 Produce reconstituted stone
- CPCCST3021 Restore stone work
- CPCCST3021A Renovate and restore stone work
- CPCCST3022 Carry out profile work
- CPCCST4001 Prepare to undertake the heritage restoration process
- CPCCST4002 Undertake the heritage restoration process
- CPCCST4003 Undertake preparations for refractory work

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Appendix F: Quality Assurance Report

Section 1 – Cover page

Information required	Detail
Training Package title and code	CPC Construction, Plumbing and Services Training Package V5.0
Number of new qualifications and their titles ³	0
Number of revised qualifications and their titles	2 CPC3019 Certificate III in Bricklaying and Blocklaying CPC32319 Certificate III in Stonemasonry
Number of new units of competency and their titles	4 CPC3019 Use stonemasonry tools, plant and equipment CPC3023 Apply drawing principles to stonemasonry CPC3024 Apply conservation principles and practices to heritage stonework CPC3025 Carry out basic stonemasonry demolition
Number of revised units of competency and their titles	52 Refer to Attachment 1 for details
Confirmation that the panel member is independent of: <ul style="list-style-type: none"> the Training Package or Training Package components review ('Yes' or 'No') development and/or validation activities associated with the Case for Endorsement ('Yes' or 'No') undertaking the Equity and/or Editorial Reports for the training package products that are the subject of this quality report ('Yes' or 'No') 	I confirm that I, Maree Thorne, am independent of: <ul style="list-style-type: none"> the Training Package or Training Package components review (YES) development and/or validation activities associated with the Case for Endorsement (YES) undertaking the Equity and/or Editorial Reports for the training package products that are the subject of this quality report (YES)
Confirmation of the Training Packages or components thereof being compliant with the <i>Standards for Training Packages 2012</i>	The Training Package components in the Case for Endorsement comprising two (revised) qualifications, 5 new and 41 revised units of competency and their associated assessment requirements as part of the <i>CPC Construction, Plumbing and Services Training Package V5.0</i> are compliant with the <i>Standards for Training Packages 2012</i> .
Confirmation of the Training Packages or components thereof being compliant with the <i>Training Package Products Policy</i>	The Training Package components in the Case for Endorsement comprising two (revised) qualifications, 5 new and 41 revised units of

³ When the number of training products is high the titles can be presented as an attached list.

	competency and their associated assessment requirements as part of the <i>CPC Construction, Plumbing and Services Training Package V5.0</i> are compliant with the <i>Training Package Products Policy</i> .
Confirmation of the Training Packages or components thereof being compliant with the <i>Training Package Development and Endorsement Process Policy</i>	The Training Package components in the Case for Endorsement comprising two (revised) qualifications, 5 new and 41 revised units of competency and their associated assessment requirements as part of the <i>CPC Construction, Plumbing and Services Training Package V5.0</i> are compliant with the <i>Training Package Development and Endorsement Process Policy</i> .
Panel member's view about whether: <ul style="list-style-type: none"> the evidence of consultation and validation process being fit for purpose and commensurate with the scope estimated impact of the proposed changes is sufficient and convincing 	<p>It is the panel member's view that evidence of the consultation and validation processes undertaken by the developer are fit for purpose and commensurate with the scope of the Case for Endorsement (CfE).</p> <p>The estimated impact of the proposed changes is sufficiently outlined in the CfE.</p> <p>Feedback, suggestions and recommendations were provided to the developers during the course of the Quality Assurance process, most of which have been incorporated in the components.</p>
Name of panel member completing Quality Report	Maree Thorne
Date of completion of the Quality Report	26 June 2019

Section 2 – Compliance with the Standards for Training Packages 2012

Standards for Training Packages	Standard met 'yes' or 'no'	Evidence supporting the statement of compliance or noncompliance (including evidence from equity and editorial reports)
<p>Standard 1</p> <p>Training Packages consist of the following:</p> <ol style="list-style-type: none"> 1. AISC endorsed components: <ul style="list-style-type: none"> • qualifications • units of competency • assessment requirements (associated with each unit of competency) • credit arrangements 2. One or more quality assured companion volumes 	<p>Yes</p>	<p>The proposed components of the CPC Construction, Plumbing and Services Training Package Version 5.0 meet the requirements of Standard 1.</p> <p>The Training Package components in the Case for Endorsement (CfE) include:</p> <ul style="list-style-type: none"> • two revised qualifications • four new and 52 revised units of competency, each with associated assessment requirements. <p>The CfE specifies that no credit arrangements exist for the proposed Construction, Plumbing and Services Training Package (CPC) qualifications at the time of development.</p> <p>The CPC Construction, Plumbing and Services Training Package V5.0 Companion Volume Implementation Guide (CVIG) provides implementation advice and has been quality assured in this process.</p>
<p>Standard 2</p> <p>Training Package developers comply with the <i>Training Package Products Policy</i></p>	<p>Yes</p>	<p>Artibus Innovation has complied with the requirements of the <i>Standards for Training Packages 2012</i> for the two revised qualifications, as well as the four new and 52 revised units of competency.</p> <p>Supporting evidence includes:</p> <ul style="list-style-type: none"> • Compliance with coding and titling of qualifications and units of competency. Where units of competency have undergone review with changes to performance criteria, knowledge or performance evidence or assessment conditions, codes have been changed to reflect • Both qualifications include unit <i>CPCWHS1001 Prepare to work safely in the construction industry</i> as an entry requirement. The CfE states this to be an CPC Industry Reference Committee (IRC) decision for all CPC trade qualifications. <p>Whilst most units of competency prescribe prerequisites (predominately the same units <i>CPCWHS2001 Apply WHS requirements</i>,</p>

		<p><i>policies and procedures in the construction industry and CPCCOHS2001A Apply OHS requirements, policies and procedures in the construction industry)</i> these relate to working safely and are indicated in the qualifications by an asterix (*) with users directed to the units to confirm prerequisite requirements. All prerequisite units of competency are listed as a core or elective unit.</p> <ul style="list-style-type: none"> • The CPC Companion Volume Implementation Guide Version 5.0 (CVIG) includes guidance to ensure that learners are not discriminated against and guidance around reasonable adjustment to accommodate learners with disabilities or particular needs. Reference has been made to Disability Standards for Education, 2005. • The CVIG further outlines how Foundation Skills have been addressed in units of competency. Foundation skills have been explicitly included in performance criteria in all units of competency where possible or listed as implicit skills in the relevant section of the Unit of Competency template. • The CVIG outlines qualification and unit mapping to inform users of changes to qualifications and units. All qualifications and units of competency are equivalent to those they supersede. • The qualifications have clearly written, achievable packaging rules, and a range of elective options to cover a broad range of outcomes.
<p>Standard 3</p> <p>Training Package developers comply with the AISC <i>Training Package Development and Endorsement Process Policy</i></p>	<p>Yes</p>	<p>The CfE provides detailed information about Artibus Innovation’s development and endorsement processes of the draft components, including alignment to and compliance with the Australian Industry and Skills Council’s (AISC) Activity Order. The CfE outlines the details of consultation undertaken and communication strategies with evidence of contributing personnel listed in Appendices and supports evidence of consultation undertaken throughout the development process with stakeholders, including the establishment by the IRC of a Technical Advisory Group (TAG), Subject Matter Experts (SME) groups, face to face</p>

		consultation workshops and webinars, as well as provision of access to draft materials on the website for the duration of the project to enable feedback opportunities.
Standard 4 Units of competency specify the standards of performance required in the workplace	Yes	All units of competency have been reviewed to ensure they specify the standards of performance required in the workplace.
Standard 5 The structure of units of competency complies with the unit of competency template	Yes	<p>This quality report confirms the Editorial Report’s detailed opinion that the structure of the new and revised units of competency comply with all aspects of the unit of competency template: application, elements, performance criteria, foundation skills and unit mapping information.</p> <p>No units specify occupational licensing or certification requirements, but most units are impacted by work health and safety (WHS) legislation and/or local regulations - requirements which vary between industry sectors and state/territory jurisdictions.</p> <p>Prerequisite units are included in most units of competency to address WHS risks associated with brick, block and stonemasonry work.</p>
Standard 6 Assessment requirements specify the evidence and required conditions for assessment	Yes	<p>All Assessment requirements associated with the units of competency specify the performance evidence and knowledge evidence to be demonstrated for assessment, along with required conditions for assessment as per the appropriate template.</p> <p>Reference to frequency and volume of Performance Evidence is stated.</p> <p>The Editorial Report notes and this QA process confirms that:</p> <p><i>The assessment requirements are clearly written and have consistent breadth and depth. The performance evidence reflects workplace tasks and includes appropriate volume and frequency requirements.</i></p> <p><i>Artibus Innovation has indicated that all aspects of the assessment requirements are approved by stakeholders and the Construction, Plumbing and Services Industry Reference Committee (IRC)</i></p>

		The assessment requirements cross-reference to the unit requirements.
Standard 7 Every unit of competency has associated assessment requirements. The structure of assessment requirements complies with the assessment requirements template	Yes	Every unit of competency has associated assessment requirements, the structure of which complies with the assessment requirement's template. The performance evidence notes realistic volume and frequency of the tasks to be performed
Standard 8 Qualifications comply with the Australian Qualifications Framework specification for that qualification type	Yes	The CfE identified that consideration of inclusion of 'level' one and two units in the qualifications was a focus during development, to enable skill and knowledge progression from entry level to trade outcome. Qualification packaging rules specify requirements to ensure AQF outcomes for qualifications are met through selection of electives which <i>'contribute to a valid, industry-supported vocational outcome and support the AQF level of this qualification.'</i> Artibus Innovation responded to packaging feedback raised in the quality assurance and previous editorial and equity process that the TAG confirmed the packaging to meet desired industry outcomes.
Standard 9 The structure of the information for the Australian Qualifications Framework qualification complies with the qualification template	Yes	The structure of the information for the revised qualifications complies with the qualification template. Each qualification specifies a total number of core and elective units to achieve the qualification and packaging rules are clear, including enabling flexibility of importing units for varying contexts.
Standard 10 Credit arrangements existing between Training Package qualifications and Higher Education qualifications are listed in a format that complies with the credit arrangements template	Yes	The CfE and CVIG indicate that no national credit arrangements exist at this time for either of the proposed qualifications.
Standard 11 A quality assured companion volume implementation guide	Yes	The training package components in this submission are accompanied by the CPC Construction, Plumbing and Services Training Package Companion Volume Implementation

<p>produced by the Training Package developer is available at the time of endorsement and complies with the companion volume implementation guide template.</p>		<p>Guide Version 5.0.</p> <p>The CPC CVIG complies with the companion volume implementation guide template included in the 2012 Standards and was reviewed in this QA process, including for alignment to the CfE and with the proposed endorsed components.</p>
<p>Standard 12</p> <p>Training Package developers produce other quality assured companion volumes to meet the needs of their stakeholders as required.</p>	<p>NA</p>	

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Section 3 – Compliance with the training package quality principles

Note: not all training package quality principles might be applicable to every training package or its components. Please provide a supporting statement/evidence of compliance or non-compliance against each principle.

Quality principle 1. Reflect identified workforce outcomes

Key features	Quality principle is met: Yes / No or N/A	Evidence demonstrating compliance/non compliance with the quality principle Please see examples of evidence in the <i>Training Package Development and Endorsement Process Policy</i>
Driven by industry's needs	Yes	<p>The CfE provides information about the extent of, and strategies for industry consultation and engagement that have occurred in the review.</p> <p>There is evidence in the CfE and proposed endorsed components that the developer has addressed industry's requirements and has undertaken appropriate stakeholder consultation including consideration of the 2015 training package reforms, in the development and validation process for the endorsed components submitted.</p>
<p>Compliant and responds to government policy initiatives</p> <p>Training package component responds to the COAG Industry and Skills Council's (CISC) training package-related initiatives or directions, in particular the 2015 training package reforms. Please specify which of the following CISC reforms are relevant to the training product and identify supporting evidence:</p> <ul style="list-style-type: none"> • ensure obsolete and superfluous qualifications are removed from the system • ensure that more information about industry's expectations of training delivery is available to training 	Yes	<p>The endorsed components respond to the COAG Industry and Skills Council's (CISC) training package reforms, specifically:</p> <ul style="list-style-type: none"> • ensure obsolete and superfluous qualifications are removed from the system <p>The CfE includes the proposal to delete the CPC31611 Certificate III in Paving from the national register due to low enrolments since 2014, zero completions in last three years, and only three training organisations with the qualification on scope and no active delivery. Paving units of competency have been retained in the CPC30119 Certificate III in Bricklayng and Blocklaying to continue to meet industry skill needs.</p> <ul style="list-style-type: none"> • ensure that the training system better supports individuals to move easily from one related occupation to another <p>The proposed qualifications import units of competency from other training packages (BSB, AHC) to avoid sector specific duplication.</p> <p>As noted in the Equity Report,</p>

<p>providers to improve their delivery and to consumers to enable more informed course choices</p> <ul style="list-style-type: none"> • ensure that the training system better supports individuals to move easily from one related occupation to another • improve the efficiency of the training system by creating units that can be owned and used by multiple industry sectors • foster greater recognition of skill sets 		<p><i>Both qualifications include CPC units from other sectors, imported units and the ability to import additional electives from suitable training packages which allows mobility across sectors</i></p>
<p>Reflect contemporary work organisation and job profiles incorporating a future orientation</p>	<p>Yes</p>	<p>The CfE outline of communication strategies and contributing personnel listed in the Appendix, supports evidence of consultation undertaken throughout the development process with a range (national) of stakeholders, including industry and subject matter experts (SME), training organisations and regulators to ensure proposed endorsed components reflect contemporary work organisation and job profiles.</p>

Quality principle 2: Support portability of skills and competencies including reflecting licensing and regulatory requirements

Key features	Quality principle is met: Yes / No or N/A	Evidence demonstrating compliance with the quality principle Please see examples of evidence in the <i>Training Package Development and Endorsement Process Policy</i>
Support movement of skills within and across organisations and sectors	Yes	<p>The draft Units of Competency and associated Assessment Requirements are written in a manner that allows adaptability and flexibility in relation to a range of industry (workplace) variables. This enables the units to be contextualised to meet the various needs of a range of contexts.</p> <p>All qualifications include elective options, including options to import units from other training packages, to enable movement within organisations, within each sector, and through inclusion of import units, to other sectors.</p>
Promote national and international portability	Yes	<p>Proposed endorsed components promote and reference national standards and codes of practice where applicable.</p> <p>The CfE specifies: <i>Qualifications and units of competency also reference, where relevant, Australian standards and requirements of the National Construction Code (NCC) which serves to ensure portability and industry-wide relevance.</i></p>

Key features	Quality principle is met: Yes / No or N/A	Evidence demonstrating compliance with the quality principle Please see examples of evidence in the <i>Training Package Development and Endorsement Process Policy</i>
Reflect regulatory requirements and licensing	Yes	<p>As noted in Standard 5 above no individual units specify occupational licensing or certification requirements, but skills and knowledge for work in most units are impacted by work health and safety (WHS) legislation and/or local regulations - requirements which vary between industry sectors and state/territory jurisdictions.</p> <p>The CfE states that '<i>jurisdictional licencing requirements were taken into consideration in the review of the qualifications</i>'.</p> <p>Prerequisite units are included in most units of competency to address WHS risks associated with bricklaying, blocklaying and stonemasonry work.</p> <p>Because regulatory and licencing requirements vary across jurisdictions, the qualifications refer users to state or territory regulatory authorities, in the statement:</p> <p><i>State and territory jurisdictions may have different licensing, legislative, regulatory or certification requirements. Relevant state and territory regulatory authorities should be consulted to confirm those requirements.</i></p>

Quality principle 3: Reflect national agreement about the core transferable skills and core job-specific skills required for job roles as identified by industry

Key features	Quality principle is met: Yes / No or N/A	Evidence demonstrating compliance with the quality principle Please see examples of evidence in the <i>Training Package Development and Endorsement Process Policy</i>
Reflect national consensus	Yes	The CfE evidences a national consultation process providing stakeholders with opportunities to participate via a number of communication channels (SME workshops, email and online surveys, national forums) to capture feedback on the endorsed components throughout the duration of the review. The CfE Appendix reflects a range of respondent stakeholders including national industry participants, state training authorities, industry /content experts and training practitioners.
Recognise convergence and connectivity of skills	Yes	Units listed in the qualifications include imported units from the BSB and AHC Training Package, as well as 'common' construction industry units of competency.

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Quality principle 4: Be flexible to meet the diversity of individual and employer needs including the capacity to adapt to changing job roles and workplaces

Key features	Quality principle is met: Yes / No or N/A	Evidence demonstrating compliance with the quality principle Please see examples of evidence in the <i>Training Package Development and Endorsement Process Policy</i>
Meet the diversity of individual and employer needs	Yes	<p>The Equity Report notes that the:</p> <p><i>Two qualifications have undergone a major revision to provide more flexible qualifications and improve pathways. This includes:</i></p> <ul style="list-style-type: none"> • <i>merging the Certificate III in Paving and the Certificate III in Bricklaying/Blocklaying to develop a qualification that meets the broader needs of the sector</i> • <i>addressing skills gaps in the stonemasonry sector with four new units developed for the revised qualification.</i> <p>The assessment requirements of all units of competency specify that assessment must take place in a workplace, or in a close simulation reflecting a realistic workplace environment, thereby enabling assessment to meet diversity of individual and employer needs.</p>

Key features	Quality principle is met: Yes / No or N/A	Evidence demonstrating compliance with the quality principle Please see examples of evidence in the <i>Training Package Development and Endorsement Process Policy</i>
Support equitable access and progression of learners	Yes	<p>Whilst both qualifications include unit of competency <i>CPCCWHS1001 Prepare to work safely in the construction industry</i> as an entry requirement, as noted in Standard 1 above, this is a CPC IRC decision for all CPC trade qualifications as the current ‘white card’ unit which is an industry requirement to access construction sites.</p> <p>The CfE speaks to considering the inclusion of units in the qualifications during the redesign to enable equitable access and progression of learners:</p> <p><i>A number of common units and units at different indicative AQF levels are used in the two revised qualifications. This assists in promoting career pathways and facilitating movement between schools and VET, from entry level into work, and between and across sectors.</i></p> <p>Whilst prerequisites could create potential barriers, and most units of competency do require WHS as a prerequisite due to the nature of bricklaying, blocklaying and stonemasonry work, the same prerequisite unit(s) are common to most units.</p> <p>Assessment conditions enable use of ‘closely simulated’ workplaces allowing units to be delivered and assessed in a variety of workplace contexts.</p>

Quality principle 5: Facilitate recognition of an individual’s skills and knowledge and support movement between the school, vocational education and higher education sectors

Key features	Quality principle is met: Yes / No or N/A	Evidence demonstrating compliance with the quality principle Please see examples of evidence in the <i>Training Package Development and Endorsement Process Policy</i>
Support learner transition between education sectors	Yes	<p>Both proposed qualifications are identified as suitable for Australian apprenticeship pathways.</p> <p>The qualification packaging, including entry level skills and knowledge support learning progression from entry level to trade outcome.</p> <p>The CfE notes that there are currently no nationally applicable credit arrangements between CPC qualifications proposed for endorsement and higher education qualifications.</p>

Quality principle 6: Support interpretation by training providers and others through the use of simple, concise language and clear articulation of assessment requirements

Key features	Quality principle is met: Yes / No or N/A	Evidence demonstrating compliance with the quality principle Please see examples of evidence in the <i>Training Package Development and Endorsement Process Policy</i>
Support implementation across a range of settings	Yes	<p>Industry advice about delivery is provided via the CPC Construction, Plumbing and Services Training Package Version 5.0 Companion Volume Implementation Guide (CVIG) which has been quality assured and is ready for publication at the same time as the Training Package.</p> <p>The CVIG provides advice about work placement supervision arrangements, delivery requirements including reasonable adjustments, foundation skills, and progressions and pathways between qualifications, as well as specific information about construction safety induction requirements.</p>

Key features	Quality principle is met: Yes / No or N/A	Evidence demonstrating compliance with the quality principle Please see examples of evidence in the <i>Training Package Development and Endorsement Process Policy</i>
Support sound assessment practice	Yes	<p>The draft Units of Competency and associated Assessment Requirements include references to volume and frequency of Performance Evidence and include Assessment Conditions specifying that units <i>'Assessment must be conducted in the workplace or in a simulated workplace environment'</i>, with additional unit specific information about assessment materials that must be made available to or provided to assessment candidates.</p> <p>Units are written in a manner that allows adaptability and flexibility which enables the units to be contextualised to meet the varied and broad needs of the CPC industries.</p>
Support implementation	Yes	<p>The Editorial Report and quality assurance process confirms the components are compliant with the TGA/National Register requirements for publication.</p> <p>Implementation advice is ready for publication at the same time as the training package release in the CVIG.</p>

Attachment 1: Revised Units of Competency (52):

- CPCCBL2001 Handle and prepare bricklaying and blocklaying materials
- CPCCBL2002 Use bricklaying and blocklaying tools and equipment
- CPCCBL3001 Lay paving
- CPCCBL3002 Carry out masonry veneer construction
- CPCCBL3003 Carry out cavity brick construction
- CPCCBL3004 Construct masonry steps and stairs
- CPCCBL3005 Lay masonry walls and corners
- CPCCBL3006 Lay multi-thickness walls and piers
- CPCCBL3007 Install glass blockwork
- CPCCBL3009 Install flashings and damp proof course
- CPCCBL3010 Construct masonry arches
- CPCCBL3011 Construct curved walls
- CPCCBL3012 Construct fire places and chimneys
- CPCCBL3013 Construct masonry structural systems
- 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
- 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
- CPCCST2001 Prepare for stonemasonry construction process
- CPCCST2003 Finish stone
- CPCCST2004 Lay stone
- CPCCST2005 Carry out load slinging of off-site materials
- CPCCST2006 Identify and use stone products
- CPCCST3001 Dress and mould stone
- CPCCST3002 Shape solid stone
- CPCCST3003 Spilt stone manually
- CPCCST3004 Dress stone manually
- CPCCST3006 Machine stone
- CPCCST3007 Turn stone
- CPCCST3009 Use computer-controlled static machinery to produce stone components
- CPCCST3010 Set out and cut letters in stone
- CPCCST3011 Plan monument construction
- CPCCST3012 Build stone veneer walls
- CPCCST3013 Carry out cemetery monument fixing
- CPCCST3014 Set and anchor stone facades
- CPCCST3015 Apply gilding to stone
- CPCCST3016 Build solid stonemasonry walls
- CPCCST3017 Construct stone arches
- CPCCST3018 Inlay lead to stone
- CPCCST3019 Lay stonemasonry stairs
- CPCCST3020 Produce reconstituted stone
- CPCCST3021 Restore stone work
- CPCCST3022 Carry out profile work
- CPCCST4001 Prepare to undertake the heritage restoration process
- CPCCST4002 Undertake the heritage restoration process
- CPCCST4003 Undertake preparations for refractory work

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