Case for Change: Demolition CPC08 Construction, Plumbing and Services Training Package

December 2017

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Administrative Information

Name of IRC(s)

Construction Industry Reference Committee

Name of SSO

Artibus Innovation

Name of training package examined to determine change is required

CPC08 Construction, Plumbing and Services Training Package

How the case for change was developed

Artibus Innovation was commissioned to transition two demolition qualifications and 47 units of competency to *the 2012 Standards for Training Packages*, under the activity order AA/2015-16-002. There was also a requirement to consult on a Case for Endorsement that had been prepared by the previous industry skills council. In undertaking more detailed consultation with both STAs and industry it became apparent that the demolition qualifications were out dated and no longer reflected current industry work practices.

Qualifications

- CPC30413 Certificate III in Demolition
- CPC41013 Certificate IV in Demolition

Units

47 units of competency

Artibus Innovation has undertaken the necessary research, technical analysis and stakeholder consultation to develop a case for change.

The following deficiencies were identified with the qualifications and units of competency:

- Technical issues with the qualifications and units:
 - qualifications need to reflect the concept of "deconstruction" rather than demolition
 - o concepts of reduce, reuse and a focus on sustainability to be included in units
 - qualification assessment requirements need to more closely reflect vocational outcomes
 - insufficient focus on hazard identification and risk management
 - incorrect placement of units
 - o introduction of new technologies e.g. robots

- o vocational gaps require the development of new units for inclusion that cover:
 - reduce, reuse and sustainability principles and practices
 - structurally compromised structures due to fire, earthquake, white ants or rot
 - public protection in proximity to demolition work
 - oxy cutting steel reinforcement with load potential
 - demolition specific structural principles and practices
 - supervision in deconstruction focusing on documentation and interfacing with engineers and other professionals
 - site remediation.
- o inconsistent approach to writing style of unit content within same suite of units
- o lack of specificity, completeness, clarity and accuracy of content written in the performance evidence, knowledge evidence and assessment conditions.
- Market demand for the qualifications and units:
 - low levels of enrolments for courses across most jurisdictions during 2014 2016
 (See the Market analysis summary section for more detail)
 - low levels of completions of courses across all jurisdictions
 - o limited number of RTOs delivering training for both qualifications
 - a distinct shift is occurring from the former practices of 'blow it up 'or 'knock it down' followed by clean up to a process of deconstruction, with an emphasis on reduce, reuse and sustainability, demand for skilled workers is set to increase as a result of this change of practice
 - industry is keen to shift underlying thought and practices from demolition to deconstruction
 - there are many parts of the industry that were unaware that qualifications for demolition existed, this lack of awareness is due to a range of issues, and effective promotion of these qualifications is required by a number of parties
 - changes could see greater uptake of these qualifications leading to greater pathways for workers wanting to enter the industry or move to leadership or other specialist roles within demolition.

- Limitations for industry, trainers, and learners:
 - o lack of awareness by industry and learners of demolition qualifications
 - perceived lack of value by industry and learners in studying demolition qualifications as they no longer seem relevant to work practices
 - perceived lack of focus by industry on emphasising importance, relevance and desirability of demolition qualifications and occupational outcomes
 - o lack of licensing imperative for demolition workers to be qualified
 - o the belief held by many organisations that demolition workers are only labourers.

The Case for Change

This case for change has been supported by Artibus having undertaken an extensive national stakeholder consultation. The findings from this consultation pointed to a need for substantial changes to qualifications and units associated with demolition.

Case for change drivers and proposed changes

Market analysis summary

Analysis of course uptake, based on training provider submissions to the National VET Provider Collection, for the two demolition qualifications between 2014 and 2016 has shown:

- strong enrolment numbers for Certificate III in Demolition in QLD and NSW during the 2014– 2016 collection period. NSW shows the strongest enrolments in Certificate IV in Demolition, with 104 recorded in 2016
- no uptake in ACT and WA for any of the demolition qualifications
- NSW completion data may reflect their state licensing requirements where only selected units from both qualifications are required.

The low number of enrolments and completions supports the need to:

- reframe the demolition qualifications to suit contemporary industry practice
- introduce greater focus on safety and technical capability
- modify existing units to have greater specificity and consistency
- develop new units to more closely align to deconstruction practices
- remove and replace superseded units
- reposition certain units within core and electives to provide greater flexibility and relevance.

The analysis raised the question of how training needs in demolition are being met in states and territories where there are no enrolments in the qualifications. Some stakeholders advised Artibus that they either don't train or only support their workers in short courses in safety, plant operation, and specific licences. This appears to be for a range of reasons, including demolition industry culture, lack of knowledge of the existence of qualifications, cost, loss of labour while training and, importantly currency of the qualifications.

Market analysis data

Course Completions 2014 - 2016

| | NSW | VIC | QLD | SA | WA | TAS | NT | ACT | TOTAL |
|-----------------|-----|-----|-----|----|----|-----|----|-----|-------|
| Certificate III | 0 | 757 | 37 | 0 | 0 | 0 | 0 | 0 | 794 |
| Certificate IV | 51 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 51 |

| TOTAL | 51 | 757 | 37 | 0 | 0 | 0 | 0 | 0 | 845 |
|-------|----|-----|----|---|---|---|---|---|-----|
| | | | | | | | | | |

See attachment D for detailed enrolment completion data for 2014 - 2016

RTO Scope Course Delivery (CPC30413 and CPC41013)

| | NSW | VIC | QLD | SA | WA | TAS | NT | ACT | TOTAL |
|-----------------|-----|-----|-----|----|----|-----|----|-----|-------|
| Certificate III | 7 | 3 | 6 | 0 | 0 | 0 | 0 | 0 | 16 |
| Certificate IV | 5 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 7 |
| TOTAL | 12 | 3 | 8 | 0 | 0 | 0 | 0 | 0 | 23 |

Related Training Package Course, accredited courses and modules for demolition

| Course |
|--------------------------------------|
| VU20980 – Introduction to demolition |
| TOTAL: 1 |

Industry, training, and learner analysis summary

There are three key areas of activity within demolition relative to the CPC Training Package:

- residential
- commercial
- Industrial

The Australian demolition industry is comprised of:

- predominantly small contractors with licence scope to undertake minor demolition work
- residential and commercial/industrial builders with licence scope to undertake demolition work
- specialist demolition contractors

Typical occupations in demolition relevant to this case for change include:

- demolition worker
- demolition plant operator
- demolition leading hand
- demolition supervisor

Given the changing nature of the work there is a need for a multi-disciplined workforce.

Based on the analysis, the following activities and recommendations will be considered when making changes:

 task and occupation analysis to improve the relevancy, utility and quality of the training package components and occupational outcomes

- identification and incorporation of current industry activities and practice into the components to improve the value of the qualification to the learner and industry
- redesign of the qualifications to improve potential pathway opportunities to other occupations in demolition
- inclusion, where practicable, of cross-sector training package components in the redesign of the qualifications

Proposed Changes Summary

The technical proposed changes are summarised below:

Units – Summary of proposed changes for both qualifications

| Activity | No. |
|--|-----|
| Development of new units to support contemporary application of skills and industry relevance | 7 |
| Review for duplication | 1 |
| Review, develop, and undertake occupation analysis to ensure alignment to current work practices and equipment usage | 25 |

Qualifications – Summary of proposed changes

| Activity | No. |
|---|-----|
| Reposition existing units within core and elective | 6 |
| Remove units from qualifications | 9 |
| Retitling qualifications | 2 |
| Review, develop, and undertake occupation analysis to ensure alignment to current work practices and equipment. | 2 |

Skill sets – summary of proposed changes

| Activity | | | | No. | |
|--------------------|--------|--------|--------------|-----|--|
| No skill sets asso | ciated | l with | this project | 0 | |

The proposed changes support a structural redesign of the demolition qualifications to improve the quality, relevance and utility of the qualifications for all industry stakeholders. These changes capitalise on:

- current and emerging skills and knowledge trends
- meeting policy directives
- the ability to develop quality and relevant modern qualifications for industry

Industry support for change

Methodology

Industry support for change was identified through the collation of the views of key stakeholders in each state and territory through:

- 1. structured forums
- 2. one-on-one and small-group face-to-face consultations
- 3. an online survey
- 4. focus group.

In total, 83 organisations were consulted on the two demolition qualifications and more than 200 comments were received. The Industry Reference Committee endorsed the preparation of a Case for Change.

Please refer to Attachment B - Key Stakeholder Consultation.

Impact of change

Estimated impact of proposed changes

Positive impact of implementing the recommended changes

Artibus Innovation is recommending these changes so that:

- skills align with occupations
- the demolition workforce will have relevant, valued and up-to-date skills in safety, deconstruction methodologies, sustainability and technical application
- qualifications will incorporate industry best practices.

Negative impact of not implementing the recommended changes

Not implementing the changes will mean that:

- uptake of the qualifications will diminish
- skill and knowledge gaps will widen
- site safety will diminish
- the quality and value of the qualifications will be compromised
- industry support for the VET system will weaken
- the training will not reflect contemporary and emerging industry standards
- participants will be forced to undertake extraneous training and assessment activities

Estimated time frames

Once this case for change has been approved by the AISC a development schedule will be supplied to the Department within 14 days of receiving an activity order for the work detailed in this document.

Implementing the COAG Industry and Skills Council (CISC) reforms for training packages

The proposed changes implement key principles of COAG Industry and Skills Council reforms to training packages. If the recommended changes are approved, the following will be achieved:

- improvement in quality by:
 - o removing duplicate and superfluous units
 - redesigning qualifications so they specify clear and straightforward pathways and opportunities for cross-sector and cross-industry mobility, thereby fostering equity in the industry
 - o improved content ensuring industry's expectations about training delivery is available.
- increase in the uptake of the qualifications
- inclusion of relevant skills relating to safety, sustainability, deconstruction methodologies and technical skills application
- alignment of the skills with the occupational outcomes
- true reflection of current and emerging industry standards and trends.

This case for change was agreed to by the Construction IRC

ROBERT WILSON

(Name of Chair) Signature of Chair

Date: 18/12/2017

R.1W2

Attachment A – Training Package components to change

| Training Package Code | Training Package Name | Qualification Code | Unit of Competency Code | Unit of Competency Title | IRC Name | Review Status | Proposed Changes |
|-----------------------|---|-----------------------|-------------------------------|--|--------------|------------------|--|
| СРС | Construction, Plumbing & Services | CPC41013 | BSBWOR402A | Promote team effectiveness | Construction | Open | 1 - Superseded unit. Remove from Certificate IV 2 - Replace with BSBLDR403 - Lead team effectiveness |
| СРС | Construction, Plumbing & Services | CPC41013 | CPCCBC4002A | Manage occupational health and safety in the building and construction workplace | Construction | Open | 1 - Replace with transitioned unit - Certificate IV 2 - Update unit to meet contemporary work practice. (Matter ID 15) |
| CPC | Construction, Plumbing & Services | CPC41013 | CPCCBC4004A | Identify and produce estimated costs for building and construction projects | Construction | Open | Replace with transitioned unit - Certificate IV |
| СРС | Construction, Plumbing & Services | CPC41013 | CPCCBC4008B | Conduct on-site supervision of building and construction projects | Construction | Open | Replace with transitioned unit - Certificate IV |

| СРС | Construction, Plumbing & Services | <u>CPC41013</u> | CPCCBC4009B | Apply legal requirements to building and construction projects | Construction | Open | Replace with transitioned unit - Certificate IV |
|-----|---|-----------------|-------------|--|--------------|------|---|
| СРС | Construction, Plumbing & Services | <u>CPC41013</u> | CPCCBC4012B | Read and interpret plans and specifications | Construction | Open | Replace with transitioned unit - Certificate IV |
| CPC | Construction, Plumbing & Services | CPC41013 | CPCCBC4014A | Prepare simple building sketches and drawings | Construction | Open | Replace with transitioned unit - Certificate IV |
| СРС | Construction, Plumbing & Services | <u>CPC41013</u> | CPCCBC4024A | Resolve business disputes | Construction | Open | Replace with transitioned unit - Certificate IV |
| CPC | Construction, Plumbing & Services | <u>CPC41013</u> | CPCCBC4025A | Manage personal work priorities and professional development | Construction | Open | Replace with transitioned unit - Certificate IV |
| CPC | Construction, Plumbing & Services | CPC41013 | CPCCBC4051A | Supervise asbestos removal | Construction | Open | 1 - Replace with transitioned unit - Certificate IV 2 - Move unit to core (Matter ID 9 and 23) |

| CPC | Construction, Plumbing & Services | <u>CPC41013</u> | CPCCBC5014A | Conduct asbestos assessment associated with removal | Construction | Open | Replace with transitioned unit - Certificate IV |
|-----|---|-----------------|-------------|---|--------------|------|--|
| СРС | Construction, Plumbing & Services | CPC41013 | CPCCBC5018A | Apply structural principles to the construction of medium rise buildings | Construction | Open | Delete from Certificate IV (Matter ID 7) |
| CPC | Construction, Plumbing & Services | CPC41013 | CPCCBC6014A | Apply structural principles to the construction of large, high rise and complex buildings | Construction | Open | Delete from Certificate IV (Matter ID 12) |
| СРС | Construction, Plumbing & Services | <u>CPC30413</u> | CPCCCM1012A | Work effectively and sustainably in the construction industry | Construction | Open | 1-Replace with transitioned unit - Certificate III 2- add to electives |
| СРС | Construction, Plumbing & Services | CPC30413 | CPCCCM1014A | Conduct workplace communication | Construction | Open | 1-Replace with transitioned unit - Certificate III 2- add to electives |
| СРС | Construction, Plumbing & Services | CPC30413 | CPCCCM1015A | Carry out measurements and calculations | Construction | Open | Replace with transitioned unit - Certificate III |

| CPC | Construction, Plumbing & Services | CPC30413 | CPCCCM2001A | Read and interpret plans and specifications | Construction | Open | Replace with transitioned unit - Certificate III |
|-----|---|----------------------|-------------|---|--------------|------|---|
| CPC | Construction, Plumbing & Services | CPC30413 | CPCCCM2007B | Use explosive power tools | Construction | Open | Replace with transitioned and retitled unit CPCCM2007 Set up, operate and maintain indirect action explosive power tools (Matter ID 37) |
| СРС | Construction, Plumbing & Services | CPC30413 | CPCCCM2010B | Work safely at heights | Construction | Open | Replace with transitioned unit - Certificate III |
| СРС | Construction, Plumbing & Services | CPC30413 | CPCCCM3002A | Operate a truck mounted loading crane | Construction | Open | Replace with transitioned unit - Certificate III |
| СРС | Construction, Plumbing & Services | CPC30413 CPC41013 | CPCCCO3047 | Cut and core concrete | Construction | Open | Add to electives - Certificate III (Matter ID 36) Add to electives - Certificate IV (Matter ID 26) |
| CPC | Construction, Plumbing & Services | CPC30413 | CPCCDE3014A | Remove non-friable asbestos | Construction | Open | 1- Replace with transitioned unit - Certificate III 2- Move unit to core (Matter ID 12) |

| | | | | | | | 3- Undertake occupational analysis and modify unit to align to current work practices |
|-----|---|--------------------|-------------|---|--------------|------|---|
| CPC | Construction, Plumbing & Services | CPC30413 | CPCCDE3015A | Remove friable asbestos | Construction | Open | 1- Replace with transitioned unit - Certificate III 2- Retain in electives (Matter ID 12) 3- Undertake occupational analysis and modify unit to align to current work practices |
| CPC | Construction, Plumbing & Services | CPC30413 CPC41013 | CPCCDE3016A | Identify hazards on demolition sites and apply risk management strategies | Construction | Open | 1- Replace with transitioned unit - Certificate III 2- Undertake occupational analysis and modify unit to align to current work practices 3 - Add modified unit to core - Certificate IV (Matter ID 13) |
| CPC | Construction, Plumbing & Services | CPC30413 | CPCCDE3017A | Select and use hand tools and equipment for demolition tasks | Construction | Open | 1- Replace with transitioned unit - Certificate III 2- Undertake occupational analysis and modify unit to align to current work practices (Matter ID 22) |
| CPC | Construction, Plumbing & Services | CPC30413 | CPCCDE3018A | Select and use small plant and equipment for demolition tasks | Construction | Open | 1- Replace with transitioned unit - Certificate III 2- Undertake occupational analysis and modify unit to align to current work practices (Matter ID 22) |

| CPC | Construction, Plumbing & Services | <u>CPC30413</u> | CPCCDE3019A | Demolish small buildings and structures using hand tools and small plant and equipment | Construction | Open | 1-Replace with transitioned unit - Certificate III 2-Undertake occupational analysis to align unit to current work practices |
|-----|---|-----------------|-------------|--|--------------|------|---|
| CPC | Construction, Plumbing & Services | CPC30413 | CPCCDE3020A | Select and use tools and equipment for hot work in the demolition industry | Construction | Open | 1- Replace with transitioned unit - Certificate III 2- Undertake occupational analysis and modify unit to align to current work practices (Matter ID 24) |
| CPC | Construction, Plumbing & Services | CPC30413 | CPCCDE3021A | Operate demolition material crushing plants | Construction | Open | Delete unit - Certificate III (Matter ID 34) |
| CPC | Construction, Plumbing & Services | CPC30413 | CPCCDE3022A | Manage demolition recyclable and waste materials using load shifting equipment | Construction | Open | 1- Replace with transitioned unit - Certificate III 2- Undertake occupational analysis and modify unit to align to current work practices (Matter ID 28) |
| CPC | Construction, Plumbing & Services | <u>CPC30413</u> | CPCCDE3023A | Operate skid steer loaders at ground level on demolition sites | Construction | Open | 1- Replace with transitioned unit - Certificate III 2- Undertake occupational analysis and modify unit to align to current work practices 3 - Review duplication with RII Unit (Matter ID 13) |

| CPC | Construction, Plumbing & Services | CPC30413 | CPCCDE3024A | Operate mobile plant on suspended floors on demolition sites | Construction | Open | 1- Replace with transitioned unit - Certificate III 2- Undertake occupational analysis to align unit to current work practices |
|-----|---|-----------------|-------------|--|--------------|------|---|
| CPC | Construction, Plumbing & Services | CPC30413 | CPCCDE3025A | Operate remote-controlled plant on demolition sites | Construction | Open | 1- Replace with transitioned unit - Certificate III 2- Undertake occupational analysis and modify unit to align to current work practices (Matter ID 18) |
| CPC | Construction, Plumbing & Services | <u>CPC30413</u> | CPCCDE3026A | Operate excavators at ground level to demolish building elements | Construction | Open | 1- Replace with transitioned unit - Certificate III 2- Undertake occupational analysis and modify unit to align to current work practices (Matter ID 17) |
| CPC | Construction, Plumbing & Services | CPC41013 | CPCCDE4001A | Plan and prepare for activities on demolition sites | Construction | Open | 1- Replace with transitioned unit - Certificate IV 2- Undertake occupational analysis and modify unit to align to current work practices |
| CPC | Construction, Plumbing & Services | CPC41013 | CPCCDE4002A | Plan and supervise demolition work to minimise environmental and public health and safety impact | Construction | Open | 1- Replace with transitioned unit - Certificate IV 2- Undertake occupational analysis and modify unit to align to current work practices |

| CPC | Construction, Plumbing & Services | CPC41013 | CPCCDE4003A | Supervise individual activities on demolition sites | Construction | Open | 1- Replace with transitioned unit - Certificate IV2- Undertake occupational analysis and modify unit to align to current work practices |
|-----|---|-----------------|--------------|--|--------------|------|--|
| CPC | Construction, Plumbing & Services | CPC41013 | CPCCDE4004A | Finalise demolition activities and supervise property handover | Construction | Open | 1- Replace with transitioned unit - Certificate IV 2- Undertake occupational analysis and modify unit to align to current work practices |
| CPC | Construction, Plumbing & Services | CPC30413 | CPCCLDG3001A | Licence to perform dogging | Construction | Open | 1 - Replace with transitioned unit - Certificate III 2 - Move to core (Matter ID 19) |
| CPC | Construction, Plumbing & Services | CPC30413 | CPCCLRG3001A | Licence to perform rigging basic level | Construction | Open | 2 - Replace with transitioned unit - Certificate III 2 - Retain in electives (Matter ID 19) |
| CPC | Construction, Plumbing & Services | CPC30413 | CPCCLRG3002A | Licence to perform rigging intermediate level | Construction | Open | Replace with transitioned unit - Certificate III |
| CPC | Construction, Plumbing & Services | <u>CPC30413</u> | CPCCLSF2001A | Licence to erect, alter and dismantle scaffolding basic level | Construction | Open | Replace with transitioned unit - Certificate III |

| CPC | Construction, Plumbing & Services | CPC30413 | CPCCLSF3001A | Licence to erect, alter and dismantle scaffolding intermediate level | Construction | Open | Replace with transitioned unit - Certificate III |
|-----|---|----------|--------------|--|--------------|------|---|
| CPC | Construction, Plumbing & Services | CPC30413 | CPCCLSF4001A | Licence to erect, alter and dismantle scaffolding advanced level | Construction | Open | Replace with transitioned unit - Certificate III (Matter ID 20) |
| СРС | Construction, Plumbing & Services | CPC30413 | CPCCOHS2001A | Apply OHS requirements, policies and procedures in the construction industry | Construction | Open | Replace with transitioned unit - Certificate III |
| CPC | Construction, Plumbing & Services | CPC30413 | CPCCRI3001A | Operate personnel and materials hoists | Construction | Open | Replace with transitioned unit - Certificate III |
| CPC | Construction, Plumbing & Services | CPC30413 | CPCCSC2001A | Safely handle and use scaffolding tools and equipment | Construction | Open | Delete unit - Certificate III (Matter ID 29) |
| СРС | Construction, Plumbing & Services | CPC30413 | CPCCSF2003A | Cut and bend materials using oxy- LPG equipment | Construction | Open | Delete unit - Certificate III (Matter ID 30) |

| CPC | Construction, Plumbing & Services | CPC30413 | CPCCWHS1001 | Prepare to work safely in the construction industry | Construction | Open | 1 - Add unit to electives - Certificate III (Matter ID 8) 2 - Retain unit in electives - Certificate IV (Matter ID 6) |
|-----|---|-----------------|-------------|---|--------------|------|---|
| CPC | Construction, Plumbing & Services | <u>CPC41013</u> | RIICWD503D | Prepare work zone traffic management plan | Construction | Open | Delete unit - Certificate IV (Matter ID 8) |
| CPC | Construction, Plumbing & Services | CPC30413 | RIIWHS202D | Enter and work in confined spaces | Construction | Open | No action |
| CPC | Construction, Plumbing & Services | CPC30413 | RIIWHS205D | Control traffic with stop-slow bat | Construction | Open | No action |
| CPC | Construction, Plumbing & Services | CPC41013 | RIIWHS302D | Implement traffic management plan | Construction | Open | 1 - Delete unit - Certificate III (Matter ID 38) 2 - Delete unit - Certificate IV (Matter ID 8) |
| CPC | Construction, Plumbing & Services | CPC30413 | TLILIC2001 | Licence to operate a forklift truck | Construction | Open | No action |

| СРС | Construction, Plumbing & Services | <u>CPC30413</u> | TLILIC2005 | Licence to operate a boom-type elevating work platform (boom length 11 metres or more) | Construction | Open | Liaise with relevant SSO to include changes to unit (Matter ID 31) |
|-----|---|-----------------|------------|---|--------------|------|---|
| СРС | Construction, Plumbing & Services | CPC30413 | CPCCDE3??? | Apply basic structural principles to the deconstruction process (sample title only) | Construction | Open | 1 - Develop new unit - Certificate III (Matter ID 16) 2 - Add unit to core |
| СРС | Construction, Plumbing & Services | CPC41013 | CPCCDE4??? | Apply structural principles to the development of the deconstruction plan and site work practices (sample title only) | Construction | Open | 1 - Develop new unit (to replace CPCCBC5018A) - Certificate IV (Matter ID 7) 2 - Add unit to core |
| CPC | Construction, Plumbing & Services | <u>CPC30413</u> | CPCCDE3??? | Undertake deconstruction work to maximise resource recovery and recycling potential (sample title only) | Construction | Open | 1 - Develop new unit - Certificate III (Matter ID 14) 2 - Add unit to core |
| СРС | Construction, Plumbing & Services | CPC30413 | CPCCDE3??? | Undertake deconstruction work using methods which reduce potential harm to the public (sample title only) | Construction | Open | 2 - Develop new unit - Certificate III (Matter ID 25) 2 - Add unit to core |
| CPC | Construction, Plumbing & Services | CPC30413 | CPCCDE3??? | Cut in situ reinforcement materials using oxy-LPG equipment (sample title only) | Construction | Open | 1 - Develop new unit (to replace CPCCSF2003A) - Certificate III (Matter ID 30) 2 - Add unit to electives |

| CPC | Construction, | CPC41013 | CPCCDE4??? | Supervise deconstruction work | Construction | Open | 1 - Develop new unit - Certificate IV |
|-----|-----------------------------------|----------|--------------------------|---|--------------|------|---|
| | Plumbing & | | | (sample title only) | | | (Matter ID 24) |
| | Services | | | | | | 2 - Add unit to core |
| CPC | Construction, Plumbing & Services | CPC41013 | CPCCDE4??? (new unit) | Site remediation principles and practices (sample title only) | Construction | Open | 1 - Develop new unit - Certificate IV (Matter ID 27) 2 - Add unit to core |

Attachment B – Key Stakeholder Consultation

| Name | Company |
|----------------------|---|
| Vince Ball | Construction Industry Training Council (ACT) |
| Douglas Browning | Demolition Contractors Association - Victoria |
| Geoff Cody | MultiSkills Training |
| Graham Cressey | Industrial Group |
| Ross Gibbins | Rafferty the Wrecker |
| Darin Grace | Master Builders NSW |
| Mike Harper | Focus Demolition |
| Chris Lawton | Statewide demolition and recycling |
| Tony Leen | Bernie Leen and Sons |
| Michelle McCallam | Demolition Contractors Association – NSW |
| Lady Penelope | Thunderbird Demolition (Demolition Association Qld) |
| Lionel Skinner | MultiSkills Training |
| Milan Stancevic | Royal Park Salvage |
| Mandy Fallon | Construction Skills Queensland |
| Warren T Dennis | MOTO Group Pty Ltd |
| Alan Waldron | Hutchinson Builders (Qld) |
| Barry Kearney | CFMEU (Vic) |
| Tony Powell | WHS More Skills (Qld) |
| Liam White | Skills Canberra |
| Pamela Elton | Skills Canberra |
| Angela Lee | Skills Canberra |
| Robert Buttery | Charles Darwin University |
| Cola Maurirere | Site Skills Training |
| Ray Fogolyan | Northern Territory Property Services |
| Neilia Humphries | HIA (NT) |
| Fletcher Austin | ERGT (NT) |
| Ann Duggan | CFMEU (Vic) |

| Debra Baxter | ASQA |
|-------------------|---|
| Brian Humphrey | CFMEU (QLD) |
| lan Sojan | Defence (Vic) |
| Mark Wellsmore | Defence (Vic) |
| Teresa Signorello | Victorian State Government Training Products/ Industry Engagement and VET systems |
| Paul McGuiness | Perkins Builders (WA) |
| Adam Profke | MBA (QLD) |
| STAs | |
| ACT | Skills Canberra Jodie Kafer, Manager, Governance and Assurance, Skills Canberra |
| NSW | NSW Department of Industry, Marilyn Ng, NSW Department of Industry Policy Enablers & Analytics |
| NT | Dept of Trade, Business and Innovation, Nelson Brown, Policy Officer, Skilling Policy and Data Unit, Employment and Skilling NT |
| QLD | Department of Education, Training, Guy Valentine, Manager, Strategic Engagement, Skills Investment, and Market Strategy, DET |
| SA | Department of State Development, Leonie Cooke, Department of State Development |
| TAS | Skills Tasmania, Department of State Growth, Linda Seaborn, Skills Tasmania |
| VIC | Department of Education and Training, Lee Carter, Manager and Jacqui Spencer, Senior Project Officer Training Products Unit at DET |
| WA | Department Training and Workforce Development, Lisa Barron, Department of Training and Workforce Development Workforce Development |

Attachment C – Enrolment and Completion Rates (2014, 2015 and 2016)

Enrolments

¹Program enrolments 2014-2016 by Skills Service Organisation by State/territory of delivery location and Year

| | New South | | | | Victoria | | | Queensland | | | South Australia | | | Western Australia | | Tasmania | | | Northern Territory | | | Australian Capital Territory | | | Total | | |
|--|-----------|------|------|------|----------|------|------|------------|------|------|-----------------|------|------|----------------------|------|----------|------|------|-----------------------|------|------|------------------------------------|------|------|-------|------|------|
| Year | 2014 | 2015 | 2016 | 2014 | 2015 | 2016 | 2014 | 2015 | 2016 | 2014 | 2015 | 2016 | 2014 | 2015 | 2016 | 2014 | 2015 | 2016 | 2014 | 2015 | 2016 | 2014 | 2015 | 2016 | 2014 | 2015 | 2016 |
| CPC30411 - Certificate III in Demolition | 94 | 187 | 20 | 0 | 11 | 0 | 449 | 336 | 213 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 9 | 0 | 12 | 0 | 0 | 0 | 0 | 543 | 553 | 238 |
| \CPC30413 - Certificate III in Demolition | 0 | 42 | 64 | 2 | 0 | 0 | 37 | 229 | 107 | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 0 | 2 | 3 | 0 | 0 | 0 | 39 | 283 | 191 |
| CPC41013 - Certificate IV in Demolition | 0 | 3 | 104 | 0 | 0 | 0 | 0 | 28 | 5 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 37 | 114 |
| Total | 94 | 232 | 188 | 2 | 11 | 0 | 486 | 593 | 325 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 8 | 26 | 0 | 17 | 3 | 0 | 0 | 0 | 582 | 873 | 543 |

¹ Source: VOCSTATS, extracted on 23/08/17

*c*ompletions

²Program completions 2014-2016 by Skills Service Organisation by state/territory of training organisation and year

Reporting ³issues

| | New South Wales Victoria Queensland | | | | Sou | South Australia | | | Western Australia | | | Tasmania | | | Northern Territory | | | ustralia Capita Territor | I | Total | | | | | | | |
|--|-------------------------------------|------|------|------|------|-----------------|------|------|----------------------|------|------|----------|------|------|-----------------------|------|------|--------------------------------|------|-------|------|------|------|------|------|------|------|
| Year | 2014 | 2015 | 2016 | 2014 | 2015 | 2016 | 2014 | 2015 | 2016 | 2014 | 2015 | 2016 | 2014 | 2015 | 2016 | 2014 | 2015 | 2016 | 2014 | 2015 | 2016 | 2014 | 2015 | 2016 | 2014 | 2015 | 2016 |
| CPC30411 - Certificate III in Demolition | 0 | 0 | 0 | 113 | 5 | 0 | 0 | 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 113 | 24 | 0 |
| CPC30413 - Certificate III in Demolition | 0 | 0 | 0 | 0 | 639 | 0 | 0 | 9 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 645 | 5 |
| CPC41013 - Certificate IV in Demolition | 0 | 0 | 51 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 51 |
| Total | 0 | 0 | 51 | 113 | 644 | 0 | 0 | 31 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 113 | 669 | 56 |

² Source: VOCSTATS, extracted on 23/08/17

³ Industry have disputed the completion figures for Victoria. Victorian STA is providing data that they have which may allow Artibus to better understand how this figure has been arrived at. Possible issue with unit only enrolments being reported as qualification completions, although no evidence at this point.

Attachment D - References

http://training.gov.au

National Centre for Vocational Education Research (NCVER): VOCSTATS – Demolition Enrolment and Enrolment and Completion Data (2014 - 16).