Textiles, Clothing and Footwear Industry Reference Committee

Using Advanced Materials and Emerging Technologies in the Circular Economy

2020 Case for Change

Administrative Information

Name of Industry Reference Committee (IRC):

Textiles, Clothing and Footwear (TCF)

Name of Skills Service Organisation (SSO):

Innovation and Business Skills Australia (IBSA Manufacturing)

About the Industry Reference Committee

The Textiles, Clothing and Footwear Industry Reference Committee comprises ten members and was constituted in August 2017.

The 2020 Case for Change was reviewed and approved by the membership below:

Mr Leon Drury (Chair)
Ms Meriel Chamberlin
Ms Kay Gerard
Ms Jenny Kruschel
Mr John Condilis
Ms Alison Bradshaw
Ms Ana Drougas
Ms Millie Gilbert
Dr Hilde Heim
Ms Kerryn Wollington

Industry Reference Committee Signoff

This 2020 Using Advanced Materials and Emerging Technologies in the Circular Economy Case for Change was agreed as the result of a properly constituted IRC decision and was approved by:

IRC Chair: Leon Drury **Date:** June 2020

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This 2020 Using Advanced Materials and Emerging Technologies in the Circular Economy Case Case for Change has been prepared on behalf of the Textiles, Clothing and Footwear Industry Reference Committee for submission to the Australian Industry and Skills Committee (AISC).

Background

This Case for Change has been developed to provide the Australian Industry and Skills Committee (AISC) with sound evidence to support the proposed redevelopment of selected Textiles, Clothing and Footwear qualifications. This Case for Change combines the following projects from the *Textiles, Clothing and Footwear Industry Skills Forecast and Proposed Schedule of Work 2019–2023*:

- New technologies and materials
- Advanced Clothing Production and Garment Alteration skill sets
- Applied Fashion Design

Although originally identified as separate priorities, further industry consultation and research has identified several commonalities across these projects. This suggests taking a holistic approach to the training package development work under one consolidated case for change. This will provide opportunities to streamline common content across qualifications and improve alignment with current job roles.

All qualifications within the scope of this Case for Change were included in the *Proposed Schedule of Work 2019–2023* for review in 2020-21.

The project will investigate the skills impact of advanced materials, emerging technologies and digitisation on systems and work practices that are coming into more widespread use in the industry. This impacts across qualifications, skill sets and units in the following industry streams:

- Clothing and footwear production and repair
- Textile fabrication and production
- Applied fashion design and technology/merchandising

Industry has also identified shortages of people with advanced clothing production skills to make patterns and samples for limited production and to undertake garment alterations as an 'add-on' service to their customers. To respond, a series of skill sets will be developed in relation to clothing production, alterations, tailoring, repairs and mending. Feedback received during public consultation identified that skills highlighted within the proposed skill sets will have applicability for small business particularly in regional areas.

It is important to note that the initial consultation for this Case for Change was undertaken prior to the onset of the corona virus, and that the full impact of COVID-19 is currently unknown. However, the emerging high demand for basic skills in the production of personal protective equipment and increased use of digital marketing and retailing appear to support aspects of the scope of this Case for Change.

Project Scope and Timelines

IBSA Manufacturing has undertaken extensive consultation, research and analysis in support of this case for change. Research included training package content, job roles, industry reports, content from other training packages and an analysis of the Training Package Development and Endorsement Process Policy. As a result, the key objectives of this proposal are to ensure that the qualifications in the MST Textiles, Clothing and Footwear Training Package reflect current and emerging workplace needs whist taking into consideration industry's use of new materials and technologies. The aim is to:

- Review the certificate II TCF qualifications to develop an entry level qualification which incorporates the basic skills that cut across all TCF sectors.
- Develop skill sets to support a shift to upcycled textiles due to the circular economy and waste diversion.
- Update units of competency to:
    - reflect current and emerging workplace needs.
    - improve quality in line with the Standards for Training Packages by providing better clarity for RTOs, especially around assessment requirements.

Below is a summary of the training package components put forward for review under this Case for Change:

1. Review, redevelop and consider opportunities to rationalise the following 14 qualifications:
    - Three certificate II TCF qualifications:
        - MST20116 Certificate II in TCF Production Support
        - MST20216 Certificate II in TCF Production Operations
        - MST20519 Certificate II in TCF Services and Repair.
2. Review and redevelop the following qualifications:
    - One Certificate II qualification:
        - MST20616 Certificate II in Applied Fashion Design and Technology.
    - Three Certificate III qualifications:
        - MST30116 Certificate III in Clothing and Textile Production
        - MST30216 Certificate III in Manufactured Textile Products
        - MST30816 Certificate III in Applied Fashion Design and Technology.
    - Three Certificate IV qualifications:
        - MST40119 Certificate IV in Textile Design, Development and Production
        - MST40219 Certificate IV in Clothing Production
        - MST40519 Certificate IV in Applied Fashion Design and Merchandising.
    - Two Diploma qualifications:
        - MST50219 Diploma of Textile Design and Development
        - MST50119 Diploma of Applied Fashion Design and Merchandising.
    - Two Advanced Diploma qualifications:
        - MST60119 Advanced Diploma of Applied Fashion Design and Merchandising
        - MST60219 Advanced Diploma of Textile Design and Development.
3. Review and update 233 MST Textiles, Clothing and Footwear units to:
    - reflect industry needs, specifically to include:

    - digital skills, emerging technologies and materials and mobile technologies, with a specific focus on use of automation, requirements in CAD, laser cutting, 3D prototyping, performance textiles, digitisation and social media marketing
    - appropriate balance between traditional trade skills and skills to address new technologies
    - the need for multi-skilling
    - working with advanced materials
    - contemporary approaches to sustainability
    - foundational employability and Science, Technology, Engineering and Mathematics (STEM) skills.
  - improve clarity and compliance with the Standards for Training Packages 2012 as some of these qualifications were scheduled for review in 2021:
    - reduce duplication within and across units of competency
    - improve the elements and performance criteria
    - removal of the Range Statement
    - make foundation skills more explicit
    - provide greater guidance around scope and depth in the Knowledge Evidence section and ensure all aspects of elements and performance criteria are reflected
    - remove generic information in the Assessment Conditions section to provide information on mandatory requirements only.
  - identify units with very low or zero enrolments and investigate whether it is feasible to either restructure or remove them. It may be possible to use units from other training packages where these adequately describe the workplace skills and knowledge required.
4. Develop six skill sets in the areas of sample making, alterations, repair and repurposing:
   - Make Alternations (Sizing, blind hemming, fusing, disassembly, measuring and colour matching)
   - Repairs and Mending (Invisible mending, patching, buttons and zips, laundry and pressing)
   - Sample Garment (Make a sample garment to a standard size, make-through machining)
   - Making Samples and Limited Run Production (Sizing, calculate how much fabric, grading, pattern adjustment, make through to a product)
   - Repurpose Garment (Draping, pinning, disassembly, laundry pressing, repair, embellishment, closure [eg buttons and zips])
   - Tailoring/Bespoke Garment Making Tailoring (Pattern making, cutting, estimating, garment assembly, fit on the body and finishing including hand finishes).
5. Confirm the appropriateness of imported units used in all qualifications being reviewed (as listed in Schedule C.
6. Identify cross-sector project units for inclusion and/or replacement of duplicate units.

Note: Although codes were updated for some Applied Fashion Design qualifications as a result of work undertaken in 2019 for the Laundry and Dry-Cleaning project, the code change was due to the revision of one core unit. The full qualifications with 2019 code have not been reviewed since 2016.

It is proposed that the training package development be undertaken in two stages as follows:

Stage 1: Review of the certificate II entry level and relevant certificate III qualifications. The development of the six skillsets considering the outcomes of this review. Any units redeveloped as part of the qualification review will reflect current industry skill needs associated with technologies, materials and sustainability approaches, and wherever possible, incorporated into the skill sets prior to creating new units.

The duration of Stage 1 is expected to be nine months from commencement.

Stage 2: The review of the certificate IV and above qualifications to improve clarity and compliance with the Standards for Training Packages 2012 as some of these qualifications were scheduled for review in 2021. In addition, the review will strengthen the range of common skills across qualifications to support transferability across industry sectors and reflect any learnings from Stage 1 outcomes.

The duration of Stage 2 is expected to be a further nine months following completion of Stage 1.

Case for Change

Rationale

With the manufacturing of low value, speed-to-market garments largely moving offshore, todays Australian fashion industry is focused on production of specialised, customised and high-end products and materials.[1] In response, Australian textiles, clothing and footwear manufacturers are utilising new technologies and digitisation to improve their production bottom line, provide bespoke and personalised products and engage with customers. Digital technologies to maximise waste diversion together with other emerging technologies such as 3D printing, direct-to-garment printing and improved use of social media, have been identified as key to supporting textile, clothing and footwear manufacturers to gain a competitive advantage.[2] Opportunities such as the use of visualisation technologies, virtual fitting rooms and avatars, coupled with a need to respond to an international shift to a circular economy and sustainable practices, are driving a redesign of business models.

This is supported by the findings of a QLD Government report,[3] which identified that the following factors contributed to manufacturers being internationally competitive:

- leading-edge technology
- superior design or customisation
- high levels of productivity and
- focus on customer service.

Existing workers, faced with the introduction of these emerging technologies and materials, need to upskill/reskill to maintain their value in the workplace. At the same time, offshoring mass production has discouraged new entrants into clothing production and machining roles. This, together with an aging workforce, has led to a skill shortage of people with advanced clothing production and sewing machinist skills. There is a need from industry for targeted skill development in pattern making and grading, sizing, and garment making and machining.

Technical textiles and non-woven fibres are a thriving and fast-growing sector of the global textile industry. Innovation in new materials, processes and applications is expanding non-traditional end-uses for both new and existing textile products. For textile processors and manufacturers, these technological advances bring opportunities for new products. Innovative materials are being developed, especially in the areas of high-performance garments for fitness and extreme sports, workwear, defence clothing and medical applications. Research and development are fuelling this expansion in areas such as:

- carbon fibres and composites in clothing and footwear
- functional fibrous materials used in medical textiles, super hydrophobic textiles and protective garments and gloves
- nanofibers used in filtration, tissue engineering, energy generation and reinforcement sensors
- biomedical applications of natural fibre structures.

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[1] Tom Miller, "Threadbare: Fierce import competition has driven down revenue and forced industry exits", *IBISWorld Industry Report C1310*, May 2019, p.10.

[2] Tom Miller, "Riches to rags: Strong import competition continues to wear down industry revenue", *IBIS World Industry Report C1351B, June 2019,* p.4.

[3] *2017 Final Report: Manufacturing in Queensland* (Queensland: Queensland Productivity Commission, 2017), p.9.

IBSA Manufacturing undertook stakeholder engagement activities which identified the top advanced materials impacting the Textiles, Clothing and Footwear sector over the next five years. These include:

- Technical textiles and nonwoven fibres
- Technical textiles and woven fibres
- Textile composites
- Biomedical material
- Carbon fibres
- Functional fibrous materials

These materials are used in the development of wearable technologies impacting the sector including:

- Medical Applications
- Fitness Clothing
- Protective and Security Clothing
- Undergarments

The *2018 Pulse of Fashion Industry Report* stated that: *"sportswear consumers demand a continuously improving product, so investing in innovative materials, advanced technology, and strong cooperation with the supply chain is essential to (their) business success."*[4] This demand has been identified by IBISWorld, where there are a growing variety of functional backpacks for hiking and sport aimed at consumers looking for specific functions".[5] Furthermore, market leaders such as Nike and Adidas are leading breakthroughs in GPS technologies in sports shoes and are anticipated to drive higher spending on premium products and boost sales.[6]

Finally, the proposed skill sets will address industry requirements for targeted skill development in pattern making and grading, sizing, and garment making and machining to meet identified industry needs. The skill sets support skill development required to respond to a shift to upcycled textiles due to an increasing focus on the circular economy and waste diversion. These skill sets could also provide reskilling opportunities as consultation highlighted examples of employers upskilling experienced manufacturing workers to fill skill gaps in these areas.

In addition, the proposed skill sets provide a pathway to expand the workforce in repair and alteration services whilst introducing students to multiple materials, concepts of sustainability and assist with diversifying services, particularly in the laundry and dry-cleaning sector. Given the aging workforce in the textiles, clothing and footwear industry, this may also provide early pathways for new entrants.

[4] Morten Lehmann, Sofia Tärneberg, Thomas Tochtermann, Caroline Chalmer, Jonas Eder-Hansen, Dr. Javier F. Seara, Sebastian Boger, Catharina Hase, Viola Von Berlepsch and Samuel Deichmann, "Pulse of The Fashion Industry 2018," *Global Fashion Agenda and The Boston Consulting Group*, 2018, p.16.

[5] Liam Harrison, "Solid case: Fast fashion popularity and online shopping trends have revenue growth in the bag", *IBIS World Industry Report OD4095, January 2020*, p.14.

[6] Tom Miller, "Solid footing: Firms continue developing online platforms to step up competitiveness", *IBIS World Industry Report G4252, June 2019*, p.12.

Drivers for Change

The *Textiles, Clothing and Footwear Industry Reference Committee Skills Forecast and Proposed Schedule of Work 2019–2023* was submitted to AISC in April 2019 and is a key source of information about current and emerging skill needs. The *Skills Forecast* identified the following critical issues driving the training package development work contained in this Case for Change:

- Emergence of advanced materials
- New technology and digitisation
- Sustainability and the circular economy
- Skill demand for advanced clothing production and garment alterations.

The drivers for change in the Table below have been further tested and validated during stakeholder engagement undertaken in preparing this Case for Change.

Industry Driver	Training Package Response
Emergence of Advanced Materials	
• The development of innovative performance textiles opens new markets and opportunities for textiles, clothing and footwear manufacturers. This is driving a demand amongst employers for workers with an understanding of the properties and behaviour of these new materials. • Graduates do not fully understand the behaviour of different fabrics (an underpinning skill of the industry) and, therefore, are sometimes causing more harm than good.	• Reflect industry use of new fabrics to improve understanding related to performance, handling, aftercare, need to be 'fit for purpose' and quality management implications.
New Technology and Digitisation	
• Industry feedback indicates that graduates from qualifications listed in the scope of this Case for Change do not have the required digital skills to use emerging technology, particularly in relation to CAD, laser cutting, 3D prototyping, direct-to-garment printing, digitisation and its application to design, pattern making, e-tailing and online marketing. In response businesses are hiring computer science graduates to use the new machines.	• The Training Package needs to be reviewed and developed to ensure adequate focus on new and emerging technologies in qualification packaging rules.
• The increasing use by micro producers of direct-to-consumer engagement and selling via social media is driving a need for graduates with skills in online marketing and web design and management. • Driven by the need to compete in the international arena, the sector is seeking workers with high-level qualifications for entry-level roles to compete. • Sewing machine mechanics are in short supply and are urgently needed to address the lack of service and commissioning capacity of digital and mechanical sewing machines. • The use of advancing technology is driving the need for workers with higher technical and STEM skills to capitalise on advancing technical requirements.	• Incorporate business skills related to gaining an intimate understanding of customers, consumers and markets. • Integrate digital skills for product development (e.g. ability to digitally communicate specifications). • Ensure qualifications and units of competency include an appropriate balance of traditional and technology – based skills and how they work together in the contemporary workplace.

Industry Driver	Training Package Response
Sustainability and the Circular Economy	
• Industry and customers are placing greater emphasis on sustainability and product stewardship: where does it come from and where does it end up?	• The proposed skilled sets are viewed as a means of increasing community capacity on what is right to repair, as well as, providing a pathway to expand the workforce.
• Innovative processing technologies are providing opportunities to minimise waste using computer-aided design (CAD) and electronic pattern making.	• Improve contextualisation in units and update them to reflect current 'best practice' skills, global awareness and the imperative to examine product development vs supply chain implications.
Advanced clothing production and garment alterations	
• Industry has identified skills shortages for people with advanced clothing production skills. • Research and industry engagement have indicated that businesses are diversifying with add-on services. • There is an aging workforce and a need to create pathways for new entrants. • Increased interest in sustainability and the recycling and repurposing of clothing.	• Develop skill sets to support these emerging industry needs in patterns and samples for limited production, and to undertake garment alterations as an 'add-on' service to their customers. This would include skills in relation to clothing production, alterations, tailoring, repairs and mending.

In addition to the above drivers for change, training package analysis and feedback during consultation has identified the need to strengthen portability of high demand common skills across industry sectors, through improved qualification structure. The analysis also identified a range of opportunities to improve compliance with Training Package Development and Endorsement Process Policy.

Training package content and job role analysis

The Table below provides an overview of the enrolments and trends in the existing MST training package products.

Qualification	Total VET Enrolments				
Certificate II	**2015**	**2016**	**2017**	**2018**	**Total**
MST20616 Certificate II in Applied Fashion Design and Technology	2218	1876	1822	1700	7622
MST20216 Certificate II in TCF Production Operations	111	48	47	40	388
MST20116 Certificate II in TCF Production Support	34	48	28	11	129
MST20519 Certificate II in TCF Services and Repair	0	0	0	0	0
Certificate III					
MST30819 Certificate III in Applied Fashion Design and Technology	557	641	830	729	2751
MST30119 Certificate III in Clothing and Textile Production	277	438	482	343	1537
MST30216 Certificate III in Manufactured Textile Products	41	25	24	32	116
Certificate IV					
MST40519 Certificate IV in Applied Fashion Design and Merchandising	784	560	412	230	1983
MST40119 Certificate IV in Textile Design, Development and Production	262	194	271	178	912
MST40219 Certificate IV in Clothing Production	83	129	122	82	411
Diploma					
MST50119 Diploma of Applied Fashion Design and Merchandising	1331	1259	1197	850	4642
MST50219 Diploma of Textile Design and Development	32	20	8	6	61
Advanced Diploma					
MST60119 Advanced Diploma of Applied Fashion Design and Merchandising	489	430	368	220	1508
MST60219 Advanced Diploma of Textile Design and Development	0	12	17	36	60

An analysis of enrolment data in the Table above identifies that *Applied Fashion Design* is the most popular stream with over 70% of all enrolments. This reflects the ongoing interest in the design aspect of fashion rather than the production/making pathways required by industry. It is worth noting that it would be useful to examine the naming convention of the qualifications with 'TCF' titles to identify potential barriers to enrolments based on perception.

Given the enrolments in the certificate II TCF qualifications, there is an opportunity to support workforce movement between related occupations by recognising commonality of skills in qualification design and maximising use of shared content by:

- investigating the development of a broad entry level qualification that incorporates common content
- reviewing relationships with specialisations that support occupational mobility and serve thin market niche areas.

The Certificate II in TCF Services and Repair has attracted no enrolments. The project will investigate the viability of incorporating a service and repair stream into a consolidated certificate II pathway qualification.

Furthermore, all qualifications will be reviewed to ensure that targeted pathways are available in the three streams to reflect industry job roles and required skills. This will also ensure appropriate alignment with the AQF.

While a detailed job role analysis has been undertaken across all qualifications, the extract in the Table below of the Certificate II qualifications identifies a commonality of skills, highlighting the opportunity to remove duplication and strengthen these core skills across qualifications and

streams. This will provide graduates with a core base of transferable skills which allow them to move into different textile, clothing and footwear industry sectors.

Qualification	Qualification Descriptor	ANZSCO code & title	Occupations	Skills Profile
MST20216 Certificate II in TCF Production Operations	This qualification is intended for production workers who undertake vital production support roles in a textiles, clothing and footwear (TCF) manufacturing environment. The worker would perform a limited range of operational support tasks directly related to the manufacture of TCF products. It provides the skills and knowledge required to work under supervision within a production environment.	711700 - Textile and Footwear Production Machine Operators	Dyehouse Operator, Textiles Operator and Dispatcher Canvas & Sail Textile Fabricator Textile Operator Textile and Footwear Production Machine Operators Shoe designer Sail Maker Clothing production assistant	Work safely Participate in environmentally sustainable work practices Communicate in the workplace Apply quality standards Footwear production Textile production Textile fabrication Clothing production
MST20116 Certificate II in TCF Production Support	This qualification is intended for production workers who undertake vital production support roles in a textiles, clothing and footwear (TCF) manufacturing environment. The worker would perform a limited range of operational support tasks directly related to the manufacture of TCF products. It provides the skills and knowledge required to work under supervision within a production environment.	711700 - Textile and Footwear Production Machine Operators	Dyehouse Operator, Textiles Operator and Dispatcher Canvas & Sail Textile Fabricator Textile Operator Textile and Footwear Production Machine Operators Shoe designer Sail Maker Clothing production assistant	Work safely Participate in environmentally sustainable work practices Communicate in the workplace Apply quality standards Footwear production Textile production Textile fabrication Clothing production
MST20519 Certificate II in TCF Services and Repair	This qualification is intended for workers who provide technical services in the repair, cleaning, alteration or maintenance of textiles, clothing or footwear (TCF) products.	711700 - Textile and Footwear Production Machine Operators	Dry Cleaning Operator, Footwear Repair Operator	Participate in environmentally sustainable work practices Communicate in the workplace Work safely Apply quality standards Identify fibres, fabrics and textiles used in the TCF industry Footwear repair Dry Cleaning Garment Alterations and Repair

As some MST units are imported into qualifications in other industry sectors, careful consideration will be needed to ensure that the removal of any duplication does not have any unintended consequences.

With a more mobile workforce, the boundaries between different sectors and industries are increasingly blurred in relation to job roles and skills. Stakeholder consultation and desktop analysis of relevant training packages suggest that there are many shared skills and units of competency covering similar content. These occur:

- across occupations covered by MST Textiles, Clothing and Footwear qualifications
- across occupations covered by qualifications in other training packages and managed by other IRCs.

There are opportunities to reduce duplication by making changes to the MST Textiles, Clothing and Footwear Training Package and by collaborating with other IRCs in training package development.

This builds on work previously undertaken in the *2019 Industrial Sewing Project* to support transferability of skills across industries and sectors.

The Table below identify areas of shared skills within and beyond MST:

Skills shared between MST Textiles, Clothing and Footwear sectors	
Sector:	**Areas of shared skills:**
Clothing and Footwear Repair	Sewing Use of machinery and tools Computer-aided drawing and design Interpretation of drawings, measurements and calculations Hand skills Patternmaking Laying and cutting Fibre/fabric identification and use Basic and advanced design Production/fabrication techniques and processes Machine operation
Textile Fabrication and Production	
Footwear Production and Repair	
Manufactured Textile Products	
Clothing Production	
Fashion and Textile Design and Production	
Skills shared with other industries	
Industry:	**Areas of shared skills:**
Automotive/Marine Trimming	Sewing, laying, measuring and cutting
Marketing and Business	e-commerce/e-tailing, intellectual property, copyright, standards and compliance
Consumer Engagement via Online and Social Media cross-sector project	Website development, social media and online strategies
Manufacturing	Manufacturing equipment, measuring, cutting
Creative industries	Design, drawing and modelling
Furnishing	Sewing and leatherwork

Training Package Products

Based on analysis and consultation to date, the project will provide the opportunity to ensure a cohesive, approach that considers the large amount of shared content across qualification streams. Therefore, it is beneficial to review all qualifications within the same project; albeit in two stages.

Below is a summary of the qualifications included in the Case for Change and the recommended changes. During the industry consultation it became evident that there are different and common issues across the qualifications. The different issues have been captured in the two groups below:

Group A (Production): Issues identified with this group are about structure/pathways and given the ageing workforce, the need to support new entrants into the industry.

Group B (Applied Fashion Design): Issues identified with this group are about removing duplication in content, better clarity around range statements and a review of AQF level/volume of learning.

The Table below provides a summary of the qualification groupings and the opportunities and recommended changes.

	Qualification	Opportunity and recommended changes

Group A: Production	MST20116 Certificate II in TCF Production Support
	MST20216 Certificate II in TCF Production Operations
	MST20519 Certificate II in TCF Services and Repair.
		• Cohesively review and restructure these qualifications to provide:
		  ○ improved clarity about related work roles.
		  ○ improved alignment with current job requirements.
		  ○ incorporate skills in design specifications, fit changes, etc.
		  ○ maintain flexibility and structure.
		  ○ maintain a qualification that supports appropriate entry level pathways that meet industry needs.
		• Investigate incorporating Cert II TCF Service and Repair, which has no enrolments, into the proposed entry level qualification.
		• Update to ensure they reflect current industry requirements related to emerging materials and technologies.

	MST30116 Certificate III in Clothing and Textile Production
	MST30216 Certificate III in Manufactured Textile Products
	MST40119 Certificate IV in Textile Design, Development and Production
	MST40219 Certificate IV in Clothing Production
	MST50219 Diploma of Textile Design and Development
	MST60219 Advanced Diploma of Textile Design and Development
		• Investigate qualification structures and pathways.
		• Review these qualifications to recognise common skills and support occupational mobility while maintaining the required level of separation between clothing production and manufactured textile products qualifications.
		• Update to ensure they reflect current industry requirements related to emerging materials and technologies.
		• Examine common units used across qualifications, for example:
		  ○ MSTFD4022 Source materials and resources for production of TCF designs.
		  ○ MSTFD5023 Develop digital costing markers which is 'fit-for-purpose' and includes skills associated with sewing, adding attachments, cleaning, safety, handling and longevity.
		• Update to ensure they reflect current industry requirements related to emerging materials and technologies.

Group B: Applied Fashion Design	MST20616 Certificate II in Applied Fashion Design and Technology MST30816 Certificate III in Applied Fashion Design and Technology MST40519 Certificate IV in Applied Fashion Design and Merchandising MST50119 Diploma of Applied Fashion Design and Merchandising MST60119 Advanced Diploma of Applied Fashion Design and Merchandising	• Remove duplication within and across units of competency while being mindful of unintended consequences of deleting units being imported into other industry qualifications. • Provide better clarity around range statements, AQF levels/volume of learning. • Review and revise the certificate II qualification in line with the broader redevelopment of Certificate II and pathway qualifications to incorporate common units updated as part of the redevelopment of Certificate II and pathway qualifications. • Update to ensure they reflect current industry requirements related to emerging materials and technologies.

Employment Data/Occupational Outcomes

The TCF industry relies on sub-contracting services to manage fluctuations in work and this can distort the picture of TCF workforce numbers and skill requirements. Although industry data indicates the TCF industry, and the manufacturing industry more broadly, have experienced declining employment over the last decade, the occupations related to qualifications included in the

scope of this Case for Change are projected to grow by 9.6% to 2024. In particular, the ABS data indicates a decline in sewing machinists, which has been supported by employers who have identified difficulties sourcing skilled workers to take up these positions. The Table below show projections for occupations related to qualifications in this Case for Change[7].

ANZSCO occupation unit group	**Projected May 2024**	**Projected 5-year growth**	
		Number	%
2323 Fashion, Industrial and Jewelry Designers	18,400	3,100	20.1%
3932 Clothing Trades Workers	8,000	0	0.3%
7117 Textile and Footwear Production Machine Operators	1,200	0	-1.6%
7116 Sewing Machinist	6,600	-700	-9.2%
	34,200	**2,400**	**9.6%**

[7] Department of Jobs and Small Business, Labour Market Information Portal, "ABS 6291.0.55.003 Labour Force, Australia, Detailed, Quarterly, May 2019", available from https://www.abs.gov.au/, accessed 23/4/2020

Industry support for change

Stakeholder Consultation, Method and Scale

Targeted consultation with 22 employers, 12 Industry Associations and 28 RTOs, as identified by the Textiles, Clothing and Footwear IRC, was undertaken in the development of this case for change. These consultations included one-to-one telephone discussions, teleconferences, employer/ RTO surveys and face-to-face meetings. A list of stakeholders who participated are provided in Schedule A.

Please note that due to the COVID-19 pandemic, it was difficult to engage with some organisations to undertake further consultations due to their circumstantial constraints.

The public consultation involved the broad distribution of the draft Case for Change to stakeholders, including employers, training providers, State Training Authorities and industry associations. Over 500 stakeholders were alerted to the public consultation via an email blast with an option to provide their feedback via an online survey. The email blast was opened by 99 recipients and following circulation through their networks, there was a total of 345 viewings of the Case for Change project page.

Throughout the development of this Case for Change, there has been significant support for the various components included in the proposed scope. In particular, feedback received during public consultation from a cross-section of over 30 employers, industry associations and RTOs highlighted the importance of ensuring that the basic skills of fabric knowledge, construction machine use, fabric cutting techniques and garment fitting continue to be further emphasised and developed in training products. These basic practical skills are vital for design development but also for upcycling, mending and alterations. An emphasis was also placed on the need for graduates to be versatile in both hands-on and digital skills for large, medium and micro businesses.

The following quote from an employer aptly captures support for some of the drivers for change:

> "*We believe that advances in digital technology are transforming how we make fashion. Our business uses a digital tailoring process to design and make custom garments in limited edition, as well as, bespoke for consumers. We have integrated the use of CAD, 3D virtual garment prototyping, and 3D body scanning in our product design and production operations . . . (but) are struggling to find/hire fashion graduates with higher technical skills in tailoring or dressmaking and basic STEM skills needed to work in our digitally driven processes. We also need graduates to have well-rounded fundamental skills and be able to work within a multidisciplinary team environment. We support any changes towards closing the gap in the industry skills needed for fashion in digital age*."

The 6 proposed skill sets are seen to be compact, portable, flexible and achievable for contemporary/niche business models. In addition, employers viewed them as accurately reflecting current and projected industry skill needs. By way of example, one employer indicated that they were "*useful and forward thinking for Australian TCF jobs. We employ them all at our business and are desperate to find more graduates knowledgeable in these areas*". Another stakeholder highlighted the need for a collaborative approach between industry and training organisations in order to assist the transformation required to move towards a circular economy.

Consultation Plan

IBSA will create a project webpage on our website to provide project updates, gather feedback from stakeholders and validate training package components.

Proposed consultations include but are not limited to:

- industry representatives and employers to identify the industry, and job requirements, and trends, and work opportunities as recommended by the TCF IRC and TAC members. This includes relevant associations and industry training boards including members of the following associations:
    - Apparel and Textile Industry Group (ATI)
    - Australia Cabinet and Furniture Association
    - Australian Automotive Aftermarket Association
    - Food, Fibre and Timber Industries Training Council
    - Furnishing Industry Association of Australia
    - Manufacturing Skills Australia
    - Motor Trades Association of Australia
    - QMI Solutions
    - Specialised Textiles Association
    - Technical Fabric Services Australia
    - Textiles, Clothing & Footwear Association
    - Victorian Chamber of Commerce and Industry (VECCI).
- RTOs with these qualifications on scope and recent or current students, if accessible, to gain feedback on the actual qualifications and employment outcomes.
- State Training Authorities to ensure all jurisdictions are engaged.
- IRCs with responsibility for units of competency from training packages.

IBSA will liaise with the Furnishing and Automotive IRCs through their Skill Service Organisation (SSO) to reach out to stakeholders that may be affected by proposed changes as a means of establishing a conduit for ongoing feedback and continuous improvement of the units.

Overview of the issues identified

The key issues identified during stakeholder consultation and how these will be addressed under the proposed project are summarised in the Table below.

Key issue	How the issue will be addressed
The need to 'future-proof' qualifications and units of competency and reflect current and emerging skills	A key project focus will be to ensure all content reflects the skills and knowledge identified as important for future workers.
Qualifications need to reflect the diversity of different business models and practices in industry	Qualification flexibility will remain a key focus of the MST Textiles, Clothing and Footwear Training Package; and broader qualifications will be considered. Specific outcomes will be identified through named specialisations within those broad qualifications.
How to address thin market challenges	Industry need for specialist units to support niche skill areas will be achieved through consolidated units of competency. Merging individual entry level qualifications into broader qualifications with specialisations will cater for multiple outcomes for learners. It will also support RTOs to improve viability by aggregating learners into bigger cohorts. Content from other training packages will be used wherever possible.
The need to identify a specialist consultant to inform the project regarding sustainability and the circular economy.	The TAC will include or have access to a technical expert in sustainability and the circular economy, as it relates to the Textiles, Clothing and Footwear, to advise the project.

Sensitivities

The IRC is united in its support for this Case for Change. It is also mindful of potential sensitivities and the need to carefully manage a range of issues across the life of the project. These include:

- the need to develop content in ways that recognise and support the many different models of work in industry.
- the need to avoid smaller changes that impact on code changes and hence significant implementation issues for RTOs.
- differing perspectives on contemporary roles and skill requirements to ensure the optimum balance between traditional and technology-based skills.
- issues of 'ownership' around the naming and potential merging of qualifications.
- the degree to which boundaries may be stretched in developing and sharing content with other industry sectors, given potential competing interests.

Impact of change

Impact on stakeholders

Industry/employers

Access to a skilled workforce is industry's imperative. The key goal of the proposed changes is to provide training products that support this objective by ensuring that training package components reflect contemporary skill needs.

Registered Training Organisations

Any change to units of competency and qualifications creates flow-on impacts and costs for RTOs in relation to administrative systems, training resources and assessment materials.

A positive impact for all RTOs will be improved clarity, particularly around assessment expectations and reduction of duplication within and across units of competency.

Learners

Learners will benefit from improved clarity and updated training products that industry confirms reflect the current skills and knowledge required for work in the sector. This can only improve their readiness for work.

Impact on other IRCs and associated training packages

There are links to the work of other IRCs in the proposed project. Any initiatives to develop shared content will potentially affect other training packages.

Risks of not implementing the changes

The risks of not implementing the proposed changes are as follows:

- Training package content will not fully reflect the current and emerging skill needs in industry.
- Superfluous or low-enrolment qualifications will unnecessarily remain in the training system.
- There will be missed opportunities to recognise skills commonalities, support occupational mobility and serve thin market areas within broader qualifications.
- Duplication and lack of clarity will remain in some training package components.

Minister's Priorities

This Case for Change will implement the CISC reforms to the training package system as follows:

- Remove obsolete and superfluous qualifications from the training system to make it easier for consumers to find the training relevant to their needs:
    - The review will evaluate and remove obsolete and superfluous qualifications and units of competency where identified.
- Make more information available about industry's expectations of training delivery to training providers to improve their delivery and to consumers to enable them to make more informed course choices:
    - The *Implementation Guide* will include information on industry expectations and skill sets.
- Ensure the training system better supports individuals to move easily from one related occupation to another:
    - Transportability of skills will be supported through the redevelopment of qualification packaging rules.
- Improve the efficiency of the training system by creating units that are nationally available and used by multiple industry sectors, and housing these units in a 'work and participation bank':
    - Where relevant the updated training package components will use cross sector units.
    - When reviewing or developing units of competency (UoC) consideration will be given to writing units that can be used by multiple industry sectors.
    - Where relevant the skill set will use existing unit's native to MST and imported.
- Foster greater recognition of skill sets:
    - The development of skill sets provides alternative pathways and supports upskilling of existing workers.

Methodology for training package development

Phase 1: Initial research and analysis
Establish Technical Advisory Committees (TACs) to validate project scope and undertake a job role functional analysis.

Phase 2: Draft 1 and public consultation
Develop the first draft of training package components for feedback.

Phase 3: Draft 2 and public consultation
Respond to feedback and develop the second draft of training package components.

Phase 4: Approval process
Adjust training package components in response to further feedback and seek approval from respective committees and endorsement from state and territory training authorities (STAs).

Phase 5: Submission to Department
Submit the training package components to the Department of Education and Training for AISC approval.

IBSA Manufacturing will schedule the work and provide project dates when we receive notification that this proposal has been accepted.

Estimated timeframes

We estimate that the project will take up to 18 months to complete from the time of contract signing.

IRC signoff

This Case for Change was agreed to by the Textiles, Clothing and Footwear IRC.

Name of Chair	Leon Drury
Signature of Chair	
Date	16 June 2020

Schedule A: Stakeholder Engagement Summary

The following stakeholders provided input as part of the targeted consultation undertaken during the development of this Case for Change.

NAME	ORGANISATION	STATE	CATEGORY	METHOD
Employers				
Christine Spencer	Bruck Textiles	VIC	Employer	Interview
Aaron Stroud	Canvas Barn Marine Trimming	VIC	Employer	Survey
Michael Ryan	Darling Downs Tarpaulins	QLD	Employer	Survey
Alison Bradshaw	Indigo Leaf	NSW	Employer	Interview
Josh Furness	Kent Saddlery	QLD	Employer	Survey
Ki Sulkowski	K1 Marine Trimming	WA	Employer	Survey
Millie Gilbert	Millie Gilbert Design Services	NSW	Employer	Interview
John Condilis	Nobody Denim	VIC	Employer	Interview
Bernie Dodman	Upholstique	WA	Employer	Survey
Industry Associations				
Meriel Chamberlin	Apparel and Textile Industry Group (ATI)	QLD	Industry	Interview
Kay Gerard	Food, Fibre and Timber Industries Training Council	WA	Industry	Interview
Leon Drury	Manufacturing Skills Australia	NSW	Industry	Survey
Ana Drougas	Specialised Textiles Association	VIC	Industry	Interview
Kimmaree Thompson	Textiles, Clothing & Footwear Association	WA	Industry	Interview
Registered Training Organisations				
Hilde Heim	Australian Institute of Creative Design (AICD)	QLD	RTO	Interview
Elizabeth Bence	Elizabeth Bence School of Fashion	NSW	RTO	Survey
Mandy Penton	Royal Melbourne Institute of Technology (RMIT)	VIC	RTO	Survey

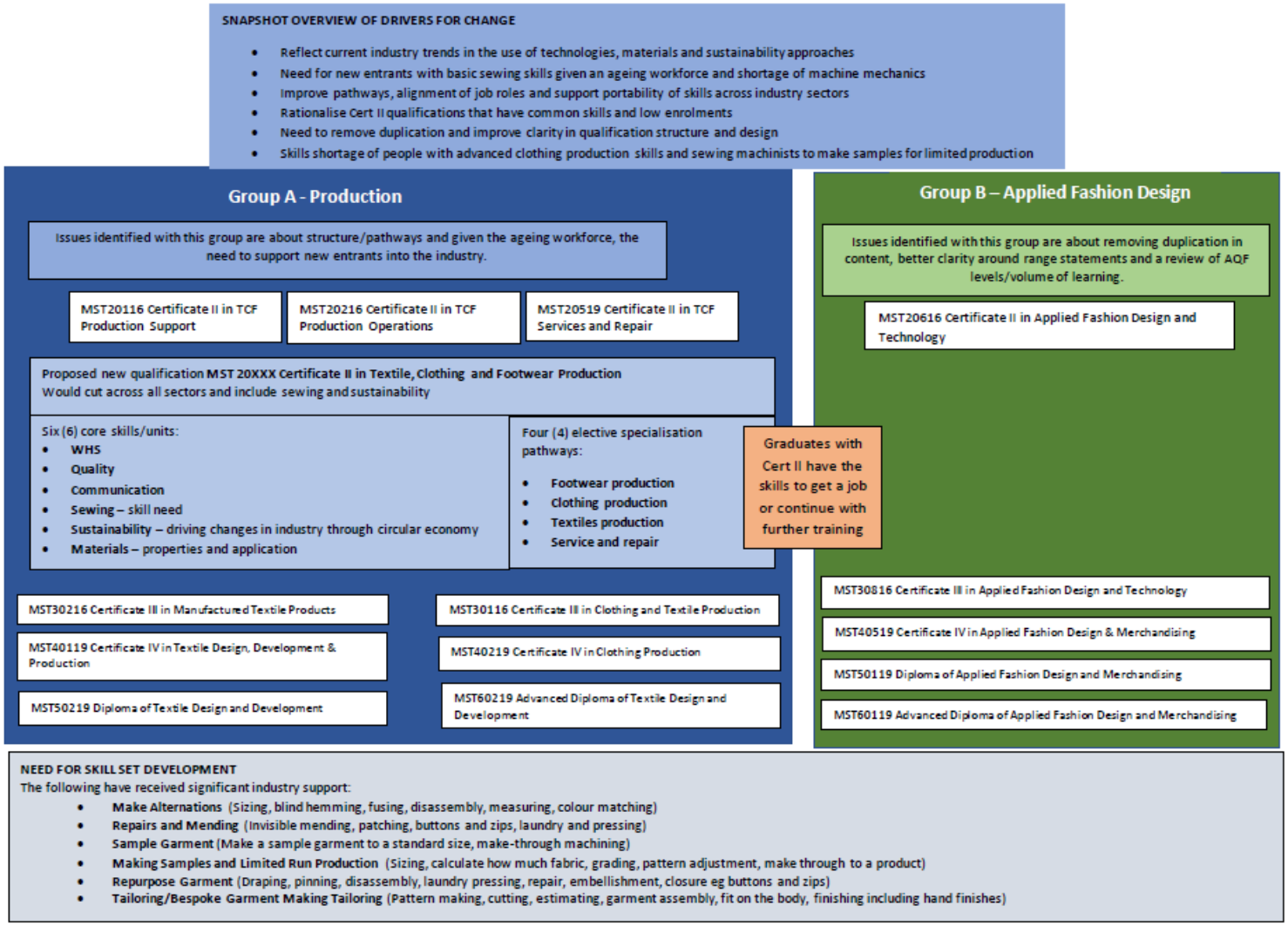
NAME	ORGANISATION	STATE	CATEGORY	METHOD
Janelle Leopardi	South Metropolitan TAFE	WA	RTO	Interview
Fiona Lloyd/George Verghese	TAFE NSW	NSW	RTO	Interview
Belinda Papas	Wodonga Institute of TAFE	VIC	RTO	Survey
Kerryn Wollington	Laundry and Dry Cleaning Training	National	Industry/RTO	Interview

Consultation was also conducted in 2019 as part of the:

- Australian Manufacturing Growth Centre (AMGC) industry forums held in regional WA and regional SA, where appropriate.
- Industry Forum facilitated by the TCF IRC in Queensland.

While the general feedback from these forums have been incorporated into the proposed scope of the Case for Change, it is difficult to attribute comments to specific participants.

Schedule B: Project Overview Diagram



Schedule C: List of Training Package Components

Qualification / unit / skillset	Code	Previous change (endorsement date)	Previous work (transition / update / establishment)	Work (new / update / deletion)	Entry level / trade / post-trade qualification	Expected date for endorsement
Certificate II in TCF Production Support	MST20116	31-Jan-20	Update	Update	Entry level	1/12/2021
Certificate II in TCF Production Operations	MST20216	31-Jan-20	Update	Update	Entry level	1/12/2021
Certificate II in TCF Services and Repair	MST20519	31-Jan-20	Update	Update	Entry level	1/12/2021
Certificate II in Applied Fashion Design and Technology	MST20616	31-Jan-20	Update	Update	Entry level	1/12/2021
Certificate III in Clothing and Textile Production	MST30119	31-Jan-20	Update	Update	Trade	1/12/2021
Certificate III in Manufactured Textile Products	MST30216	31-Jan-20	Update	Update	Trade	1/12/2021
Certificate III in Applied Fashion Design and Technology	MST30819	31-Jan-20	Update	Update	Trade	1/12/2021
Certificate IV in Textile Design, Development and Production	MST40119	31-Jan-20	Update	Update	Trade	1/12/2021
Certificate IV in Clothing Production	MST40219	31-Jan-20	Update	Update	Trade	1/12/2021
Certificate IV in Applied Fashion Design and Merchandising	MST40519	31-Jan-20	Update	Update	Trade	1/12/2021
Diploma of Textile Design and Development	MST50219	31-Jan-20	Update	Update	Post-trade	1/12/2021
Diploma of Applied Fashion Design and Merchandising	MST50119	31-Jan-20	Update	Update	Post-trade	1/12/2021
Advanced Diploma of Applied Fashion Design and Merchandising	MST60119	31-Jan-20	Update	Update	Post-trade	1/12/2021
Advanced Diploma of Textile Design and Development	MST60219	31-Jan-20	Update	Update	Post-trade	1/12/2021
Produce a simple garment	MSTCL1001	4-Jul-16	Transition	Update	Entry level	1/12/2021
Perform basic maintenance of headwear	MSTCL2003	4-Jul-16	Transition	Update	Entry level / trade	1/12/2021
Use specialised machinery to assist assembly production	MSTCL2005	4-Jul-16	Transition	Update	Entry level / trade	1/12/2021

Qualification / unit / skillset	Code	Previous change (endorsement date)	Previous work (transition / update / establishment)	Work (new / update / deletion)	Entry level / trade / post-trade qualification	Expected date for endorsement
Lay up, mark and cut uncomplicated fabrics and lays	MSTCL2007	4-Jul-16	Transition	Update	Entry level / trade	1/12/2021
Finish garment production	MSTCL2008	31-Jan-20	Update	Update	Entry level / trade	1/12/2021
Despatch work	MSTCL2009	4-Jul-16	Transition	Update	Trade	1/12/2021
Modify patterns to create basic styles	MSTCL2010	4-Jul-16	Transition	Update	Entry level / trade / post-trade	1/12/2021
Draw and interpret a basic sketch	MSTCL2011	4-Jul-16	Transition	Update	Entry level / trade	1/12/2021
Organise and plan own work in a home-based production environment	MSTCL2012	4-Jul-16	Transition	Update	Entry level / trade / post-trade	1/12/2021
Block and shape headwear by machine	MSTCL2013	4-Jul-16	Transition	Update	Entry level	1/12/2021
Finish headwear	MSTCL2015	4-Jul-16	Transition	Update	Entry level	1/12/2021
Trim headwear	MSTCL2016	4-Jul-16	Transition	Update	Entry level / trade	1/12/2021
Press work for production support	MSTCL2017	4-Jul-16	Establishment	Update	Entry level	1/12/2021
Perform bundling, ticketing and labelling in TCF operations	MSTCL2018	4-Jul-16	Establishment	Update	Entry level	1/12/2021
Sew components, complex tasks	MSTCL2019	4-Jul-16	Establishment	Update	Entry level / trade	1/12/2021
Lay up uncomplicated fabrics and lays	MSTCL2020	4-Jul-16	Establishment	Update	Entry level	1/12/2021
Use a sewing machine	MSTCL2021	31-Jan-20	Update	Update	Entry level / trade	1/12/2021
Provide hand sewing and finishing support	MSTCL2022	31-Jan-20	Update	Update	Entry level / trade	1/12/2021
Sew components	MSTCL2023	31-Jan-20	Update	Update	Entry level	1/12/2021
Identify fabric performance and handling requirements	MSTCL3001	31-Jan-20	Update	Update	Trade / post-trade	1/12/2021
Prepare and produce a complex whole garment from specification	MSTCL3002	25-Jul-19	Update	Update	Trade / post-trade	1/12/2021

Qualification / unit / skillset	Code	Previous change (endorsement date)	Previous work (transition / update / establishment)	Work (new / update / deletion)	Entry level / trade / post-trade qualification	Expected date for endorsement
Lay up and cut complicated fabrics and lays	MSTCL3005	4-Jul-16	Transition	Update	Trade	1/12/2021
Assemble bra or swimwear	MSTCL3006	31-Jan-20	Update	Update	Trade	1/12/2021
Embellish garment by hand or machine	MSTCL3007	31-Jan-20	Update	Update	Trade / post-trade	1/12/2021
Set and produce digital embroidery	MSTCL3008	4-Jul-16	Transition	Update	Trade / post-trade	1/12/2021
Develop patterns from a block using basic patternmaking principles	MSTCL3009	4-Jul-16	Transition	Update	Trade / post-trade	1/12/2021
Sew woven and stretch knit garments	MSTCL3010	31-Jan-20	Update	Update	Trade	1/12/2021
Contribute to garment production process improvements	MSTCL3011	4-Jul-16	Transition	Update	Trade	1/12/2021
Make marker for complicated fabrics and lays	MSTCL3012	4-Jul-16	Transition	Update	Trade	1/12/2021
Interpret patterns and apply pattern information	MSTCL3013	4-Jul-16	Transition	Update	Trade / post-trade	1/12/2021
Interact and communicate with garment production personnel	MSTCL3014	4-Jul-16	Transition	Update	Trade	1/12/2021
Perform garment repairs and alterations	MSTCL3015	31-Jan-20	Update	Update	Entry level / trade	1/12/2021
Perform sample machining of advanced construction garments	MSTCL4001	25-Jul-19	Update	Update	Trade / post-trade	1/12/2021
Assemble and fit commercially tailored or bespoke garments	MSTCL4002	4-Jul-16	Transition	Update	Trade / post-trade	1/12/2021
Measure, lay up and cut custom-made garments	MSTCL4003	4-Jul-16	Transition	Update	Trade	1/12/2021
Determine and perform garment maintenance or repair	MSTCL4004	4-Jul-16	Transition	Update	Trade	1/12/2021
Apply hooping and fabric handling techniques	MSTDE3001	31-Jan-20	Update	Update	Trade	1/12/2021
Digitise artwork for computerised embroideries	MSTDE3002	31-Jan-20	Update	Update	Trade	1/12/2021
Apply advanced digitising techniques to produce computerised embroideries	MSTDE3003	31-Jan-20	Update	Update	Trade	1/12/2021

Qualification / unit / skillset	Code	Previous change (endorsement date)	Previous work (transition / update / establishment)	Work (new / update / deletion)	Entry level / trade / post-trade qualification	Expected date for endorsement
Generate artwork for computerised embroideries	MSTDE3004	4-Jul-16	Transition	Update	Trade	1/12/2021
Replicate traditional hand craft techniques	MSTDE3005	31-Jan-20	Update	Update	Trade	1/12/2021
Digitise text to produce embroidered lettering	MSTDE3006	31-Jan-20	Update	Update	Trade	1/12/2021
Demonstrate features of digitised embroidery machines	MSTDE3007	4-Jul-16	Transition	Update	Trade	1/12/2021
Produce embroidery from digitised images	MSTDE3008	4-Jul-16	Transition	Update	Trade	1/12/2021
Maintain computerised embroidery machines	MSTDE3009	4-Jul-16	Transition	Update	Trade	1/12/2021
Design and produce a simple garment	MSTFD2001	4-Jul-16	Transition	Update	Entry level / trade	1/12/2021
Apply printing techniques to produce Indigenous textile designs	MSTFD2002	31-Jan-20	Update	Update	Entry level / trade	1/12/2021
Apply dyeing techniques to produce Indigenous textile designs	MSTFD2003	31-Jan-20	Update	Update	Entry level / trade	1/12/2021
Work within an Indigenous cultural framework	MSTFD2004	4-Jul-16	Transition	Update	Entry level / trade	1/12/2021
Identify design process for fashion designs	MSTFD2005	4-Jul-16	Transition	Update	Entry level / trade / post-trade	1/12/2021
Use a sewing machine for fashion design	MSTFD2006	4-Jul-16	Establishment	Update	Entry level / trade / post-trade	1/12/2021
Market design product to local outlets	MSTFD3001	4-Jul-16	Transition	Update	Trade / post-trade	1/12/2021
Design and produce Indigenous printed textiles to a brief	MSTFD3002	4-Jul-16	Transition	Update	Trade	1/12/2021
Prepare design concept for a simple garment	MSTFD3003	4-Jul-16	Transition	Update	Trade	1/12/2021
Draw a trade drawing for fashion design	MSTFD3004	4-Jul-16	Transition	Update	Trade / post-trade	1/12/2021

Qualification / unit / skillset	Code	Previous change (endorsement date)	Previous work (transition / update / establishment)	Work (new / update / deletion)	Entry level / trade / post-trade qualification	Expected date for endorsement
Use skin, fur or leather to create fashion or textile products	MSTFD3005	4-Jul-16	Transition	Update	Trade	1/12/2021
Apply design studio process	MSTFD4001	4-Jul-16	Transition	Update	Trade / post-trade	1/12/2021
Apply principles of colour theory to fashion design development	MSTFD4002	31-Jan-20	Update	Update	Trade / post-trade	1/12/2021
Assist in preparation of preliminary design concepts	MSTFD4003	4-Jul-16	Transition	Update	Trade / post-trade	1/12/2021
Communicate and sell design concepts	MSTFD4005	4-Jul-16	Transition	Update	Trade / post-trade	1/12/2021
Interact and network with fashion industry participants	MSTFD4006	4-Jul-16	Transition	Update	Trade / post-trade	1/12/2021
Conduct quality assurance for patterns and garments	MSTFD4007	4-Jul-16	Transition	Update	Trade / post-trade	1/12/2021
Construct stock size block for garment to meet size and fit specifications	MSTFD4008	4-Jul-16	Transition	Update	Trade / post-trade	1/12/2021
Create and edit digital embroidery designs	MSTFD4009	31-Jan-20	Update	Update	Trade / post-trade	1/12/2021
Create pattern to meet design specifications applying advanced patternmaking principles	MSTFD4010	4-Jul-16	Transition	Update	Trade / post-trade	1/12/2021
Cut fabrics for prototype designs	MSTFD4011	4-Jul-16	Transition	Update	Trade / post-trade	1/12/2021
Develop product specifications for fashion design	MSTFD4012	4-Jul-16	Transition	Update	Trade / post-trade	1/12/2021
Grade 2D patterns	MSTFD4013	4-Jul-16	Transition	Update	Trade / post-trade	1/12/2021
Identify influences on contemporary fashion designs and construction techniques	MSTFD4014	4-Jul-16	Transition	Update	Post-trade	1/12/2021
Create pattern from block to meet customer specifications	MSTFD4015	4-Jul-16	Transition	Update	Trade / post-trade	1/12/2021
Sew design prototypes	MSTFD4016	4-Jul-16	Transition	Update	Trade / post-trade	1/12/2021
Use and apply sizing systems appropriate for fashion design	MSTFD4018	4-Jul-16	Transition	Update	Trade / post-trade	1/12/2021

Qualification / unit / skillset	Code	Previous change (endorsement date)	Previous work (transition / update / establishment)	Work (new / update / deletion)	Entry level / trade / post-trade qualification	Expected date for endorsement
Use colourisation techniques on fabrics	MSTFD4019	31-Jan-20	Update	Update	Trade / post-trade	1/12/2021
Use electronic fashion design tools	MSTFD4020	4-Jul-16	Transition	Update	Trade / post-trade	1/12/2021
Drape fabrics to make patterns	MSTFD4021	4-Jul-16	Transition	Update	Trade / post-trade	1/12/2021
Source materials and resources for production of TCF designs	MSTFD4022	25-Jul-19	Update	Update	Trade / post-trade	1/12/2021
Calculate cost estimates for TCF products	MSTFD4023	25-Jul-19	Update	Update	Trade / post-trade	1/12/2021
Design bras and swimwear	MSTFD5001	4-Jul-16	Transition	Update	Post-trade	1/12/2021
Develop and test patterns for bras and swimwear	MSTFD5002	31/02/2020	Update	Update	Post-trade	1/12/2021
Analyse fit model	MSTFD5003	4-Jul-16	Transition	Update	Post-trade	1/12/2021
Manipulate fabrics to create new finishes	MSTFD5005	31/02/2020	Update	Update	Post-trade	1/12/2021
Develop and present design concepts within specific guidelines	MSTFD5010	4-Jul-16	Transition	Update	Post-trade	1/12/2021
Produce fashion illustrations to assist product visualisation	MSTFD5011	4-Jul-16	Transition	Update	Post-trade	1/12/2021
Perform contour draping	MSTFD5012	4-Jul-16	Transition	Update	Post-trade	1/12/2021
Construct complex blocks for fashion garments	MSTFD5014	4-Jul-16	Transition	Update	Post-trade	1/12/2021
Develop patterns for complex fashion garments	MSTFD5015	4-Jul-16	Transition	Update	Post-trade	1/12/2021
Grade complex patterns	MSTFD5016	4-Jul-16	Transition	Update	Post-trade	1/12/2021
Apply design studio processes to meet client brief	MSTFD5017	4-Jul-16	Transition	Update	Post-trade	1/12/2021
Determine and specify advanced construction processes	MSTFD5018	4-Jul-16	Transition	Update	Post-trade	1/12/2021
Analyse individual fit and make pattern alterations	MSTFD5019	4-Jul-16	Transition	Update	Post-trade	1/12/2021
Conduct digital patternmaking and grading	MSTFD5021	4-Jul-16	Establishment	Update	Post-trade	1/12/2021

Qualification / unit / skillset	Code	Previous change (endorsement date)	Previous work (transition / update / establishment)	Work (new / update / deletion)	Entry level / trade / post-trade qualification	Expected date for endorsement
Develop digital costing markers	MSTFD5022	4-Jul-16	Establishment	Update	Post-trade	1/12/2021
Develop marketing plans for fashion products	MSTFD5023	25-Jul-19	Update	Update	Post-trade	1/12/2021
Evaluate fashion designs against set criteria	MSTFD5024	25-Jul-19	Update	Update	Post-trade	1/12/2021
Analyse influences on contemporary fashion designs	MSTFD5025	25-Jul-19	Update	Update	Post-trade	1/12/2021
Conduct fashion design purchasing	MSTFD5026	25-Jul-19	Update	Update	Post-trade	1/12/2021
Cost production of fashion and textile designs	MSTFD5027	25-Jul-19	Update	Update	Post-trade	1/12/2021
Develop merchandising plans for fashion products	MSTFD5028	25-Jul-19	Update	Update	Post-trade	1/12/2021
Assess impact of current fashion industry innovations and practices	MSTFD5029	25-Jul-19	Update	Update	Post-trade	1/12/2021
Manage product development of fashion designs	MSTFD6002	4-Jul-16	Transition	Update	Post-trade	1/12/2021
Manage fashion design process	MSTFD6003	4-Jul-16	Transition	Update	Post-trade	1/12/2021
Manage advanced patternmaking processes	MSTFD6004	4-Jul-16	Transition	Update	Post-trade	1/12/2021
Drape structured over-garments	MSTFD6005	4-Jul-16	Transition	Update	Post-trade	1/12/2021
Develop a fashion range	MSTFD6006	4-Jul-16	Transition	Update	Post-trade	1/12/2021
Implement specialised patternmaking technologies	MSTFD6007	4-Jul-16	Transition	Update	Post-trade	1/12/2021
Apply studio processes to create and produce designs for commercial production	MSTFD6008	4-Jul-16	Transition	Update	Post-trade	1/12/2021
Analyse fashion industry textiles to guide commercial development	MSTFD6009	4-Jul-16	Transition	Update	Post-trade	1/12/2021
Perform minor maintenance	MSTGN2005	4-Jul-16	Transition	Update	Entry level / trade	1/12/2021
Perform test or inspection to check product quality	MSTGN2020	31-Jan-20	Update	Update	Entry level / trade	1/12/2021
Select, transfer and remove materials and products	MSTGN2021	31-Jan-20	Update	Update	Entry level / trade	1/12/2021

Qualification / unit / skillset	Code	Previous change (endorsement date)	Previous work (transition / update / establishment)	Work (new / update / deletion)	Entry level / trade / post-trade qualification	Expected date for endorsement
Work safely with chemicals in TCF operations	MSTGN3012	31-Jan-20	Update	Update	Entry level / trade / post-trade	1/12/2021
Identify fibres, fabrics and textiles used in the TCF industry	MSTGN2013	31-Jan-20	Update	Update	Entry level / trade / post-trade	1/12/2021
Operate computing technology in a TCF workplace	MSTGN2014	31-Jan-20	Update	Update	Entry level / trade / post-trade	1/12/2021
Control production in a section of a TCF enterprise	MSTGN3013	31-Jan-20	Update	Update	Trade	1/12/2021
Estimate and cost job	MSTGN3003	4-Jul-16	Transition	Update	Trade	1/12/2021
Supervise operations in a TCF enterprise	MSTGN3015	31-Jan-20	Update	Update	Trade	1/12/2021
Plan tasks to assist production operations	MSTGN3016	31-Jan-20	Update	Update	Trade	1/12/2021
Draw 3-D designs	MSTGN3006	4-Jul-16	Transition	Update	Trade / post-trade	1/12/2021
Coordinate or set-up machines for product change	MSTGN4015	31-Jan-20	Update	Update	Trade	1/12/2021
Participate in product engineering	MSTGN4002	4-Jul-16	Transition	Update	Trade	1/12/2021
Install and commission process and machine control programs	MSTGN4003	4-Jul-16	Transition	Update	Trade	1/12/2021
Analyse TCF merchandising and marketing principles	MSTGN4004	4-Jul-16	Transition	Update	Trade / post-trade	1/12/2021
Plan and implement production within a work area	MSTGN4005	4-Jul-16	Transition	Update	Trade	1/12/2021
Apply TCF market supply systems	MSTGN4006	4-Jul-16	Transition	Update	Trade / post-trade	1/12/2021
Contribute to the development of products or processes	MSTGN4007	4-Jul-16	Transition	Update	Trade / post-trade	1/12/2021
Analyse product and determine machine settings	MSTGN4008	4-Jul-16	Transition	Update	Post-trade	1/12/2021
Design production tooling	MSTGN4009	4-Jul-16	Transition	Update	Trade	1/12/2021

Qualification / unit / skillset	Code	Previous change (endorsement date)	Previous work (transition / update / establishment)	Work (new / update / deletion)	Entry level / trade / post-trade qualification	Expected date for endorsement
Implement and monitor WHS and environmental systems in the workplace	MSTGN4010	4-Jul-16	Transition	Update	Trade / post-trade	1/12/2021
Coordinate the quality system and procedures	MSTGN4016	31-Jan-20	Update	Update	Trade	1/12/2021
Manage technical processes	MSTGN4013	4-Jul-16	Transition	Update	Trade	1/12/2021
Participate in production planning processes	MSTGN5012	31-Jan-20	Update	Update	Post-trade	1/12/2021
Manage installation and commissioning of equipment and systems	MSTGN5004	4-Jul-16	Transition	Update	Post-trade	1/12/2021
Plan and organise non-routine testing	MSTGN5006	4-Jul-16	Transition	Update	Post-trade	1/12/2021
Prepare procedures and specifications for TCF operations	MSTGN5007	4-Jul-16	Transition	Update	Post-trade	1/12/2021
Identify opportunities in the TCF market	MSTGN5008	4-Jul-16	Transition	Update	Post-trade	1/12/2021
Develop and test TCF products or processes	MSTGN5009	4-Jul-16	Transition	Update	Post-trade	1/12/2021
Coordinate quality assurance for TCF products and services	MSTGN5010	31-Jan-20	Update	Update	Post-trade	1/12/2021
Work with international TCF supply chains	MSTGN5011	31-Jan-20	Update	Update	Post-trade	1/12/2021
Develop and implement a sales or marketing strategy for fashion or textile items	MSTGN6001	4-Jul-16	Transition	Update	Post-trade	1/12/2021
Manage quality system and procedures	MSTGN6002	4-Jul-16	Transition	Update	Post-trade	1/12/2021
Research and evaluate processes and products	MSTGN6003	4-Jul-16	Transition	Update	Post-trade	1/12/2021
Manage production processes	MSTGN6007	31-Jan-20	Update	Update	Post-trade	1/12/2021
Negotiate and manage contracts to produce finished design products	MSTGN6008	31-Jan-20	Update	Update	Post-trade	1/12/2021
Identify materials used in leather goods production	MSTLG2006	4-Jul-16	Transition	Update	Entry level / trade	1/12/2021
Make a prototype	MSTLG3001	4-Jul-16	Transition	Update	Trade	1/12/2021
Produce knitted textile samples	MSTTD4001	4-Jul-16	Transition	Update	Trade / post-trade	1/12/2021

Qualification / unit / skillset	Code	Previous change (endorsement date)	Previous work (transition / update / establishment)	Work (new / update / deletion)	Entry level / trade / post-trade qualification	Expected date for endorsement
Prepare stencils and screens for textile printing	MSTTD4002	4-Jul-16	Transition	Update	Trade / post-trade	1/12/2021
Produce woven textile samples	MSTTD4003	4-Jul-16	Transition	Update	Trade / post-trade	1/12/2021
Produce woven tapestry samples	MSTTD4004	4-Jul-16	Transition	Update	Trade / post-trade	1/12/2021
Produce screen printed textiles	MSTTD4005	4-Jul-16	Transition	Update	Trade / post-trade	1/12/2021
Source textile materials and resources	MSTTD4006	4-Jul-16	Transition	Update	Trade / post-trade	1/12/2021
Analyse textile design influences	MSTTD4007	4-Jul-16	Transition	Update	Trade / post-trade	1/12/2021
Present and promote textile design concepts	MSTTD4008	4-Jul-16	Transition	Update	Trade / post-trade	1/12/2021
Assist in the development of textile designs	MSTTD4009	4-Jul-16	Transition	Update	Trade / post-trade	1/12/2021
Apply manipulation techniques to create experimental textile samples	MSTTD4010	4-Jul-16	Transition	Update	Trade / post-trade	1/12/2021
Estimate costs for development of textile designs	MSTTD4011	4-Jul-16	Transition	Update	Trade / post-trade	1/12/2021
Analyse use of colour in textiles	MSTTD4012	4-Jul-16	Transition	Update	Trade / post-trade	1/12/2021
Design and produce knitted textile products	MSTTD5001	4-Jul-16	Transition	Update	Post-trade	1/12/2021
Design and produce woven tapestry products	MSTTD5002	4-Jul-16	Transition	Update	Post-trade	1/12/2021
Design and produce woven products	MSTTD5003	4-Jul-16	Transition	Update	Post-trade	1/12/2021
Design and produce experimental textiles	MSTTD5004	4-Jul-16	Transition	Update	Post-trade	1/12/2021
Design and produce printed textiles	MSTTD5005	4-Jul-16	Transition	Update	Post-trade	1/12/2021
Exhibit textile designs or products	MSTTD5006	4-Jul-16	Transition	Update	Post-trade	1/12/2021
Develop textile designs using computer-based design programs	MSTTD5007	4-Jul-16	Transition	Update	Post-trade	1/12/2021
Develop textile designs and specifications	MSTTD5008	4-Jul-16	Transition	Update	Post-trade	1/12/2021

Qualification / unit / skillset	Code	Previous change (endorsement date)	Previous work (transition / update / establishment)	Work (new / update / deletion)	Entry level / trade / post-trade qualification	Expected date for endorsement
Produce printed designs on woven and non-woven substrates	MSTTD5009	4-Jul-16	Transition	Update	Post-trade	1/12/2021
Produce computer-aided textile design folios	MSTTD5010	4-Jul-16	Transition	Update	Trade / post-trade	1/12/2021
Research commercial development of textiles	MSTTD6001	4-Jul-16	Transition	Update	Post-trade	1/12/2021
Apply electronic systems to textile design and production	MSTTD6002	4-Jul-16	Transition	Update	Post-trade	1/12/2021
Develop a textile product range	MSTTD6003	4-Jul-16	Transition	Update	Post-trade	1/12/2021
Create and produce textile designs for commercial production	MSTTD6004	4-Jul-16	Transition	Update	Post-trade	1/12/2021
Despatch products	MSTTF2001	4-Jul-16	Transition	Update	Entry level	1/12/2021
Cut, bend and shape metal	MSTTF2002	4-Jul-16	Transition	Update	Entry level / trade	1/12/2021
Use canvas and sail production tools	MSTTF2003	4-Jul-16	Transition	Update	Entry level / trade	1/12/2021
Add reinforcements and attachments	MSTTF2004	4-Jul-16	Transition	Update	Entry level	1/12/2021
Translate information into measurements or diagrams	MSTTF2005	4-Jul-16	Transition	Update	Entry level / trade	1/12/2021
Measure and scale geometric shapes	MSTTF2006	4-Jul-16	Transition	Update	Entry level / trade	1/12/2021
Produce patterns for 2-D products	MSTTF2007	4-Jul-16	Transition	Update	Trade	1/12/2021
Use adhesives	MSTTF2008	4-Jul-16	Transition	Update	Trade	1/12/2021
Identify and select canvas and sail materials	MSTTF2009	4-Jul-16	Transition	Update	Entry level / trade	1/12/2021
Lay out and mark out canvas or sail materials	MSTTF2010	4-Jul-16	Transition	Update	Entry level	1/12/2021
Cut and shape canvas or sail materials	MSTTF2011	4-Jul-16	Transition	Update	Entry level	1/12/2021
Stitch by hand	MSTTF2012	4-Jul-16	Transition	Update	Entry level / trade	1/12/2021
Waterproof canvas products	MSTTF2013	4-Jul-16	Transition	Update	Entry level	1/12/2021

Qualification / unit / skillset	Code	Previous change (endorsement date)	Previous work (transition / update / establishment)	Work (new / update / deletion)	Entry level / trade / post-trade qualification	Expected date for endorsement
Weld plastic materials	MSTTF2014	4-Jul-16	Transition	Update	Entry level / trade	1/12/2021
Install products on and off site	MSTTF2015	4-Jul-16	Transition	Update	Entry level / trade	1/12/2021
Inspect canvas or sail product	MSTTF2016	4-Jul-16	Transition	Update	Trade	1/12/2021
Identify client and site requirements for installation of fabricated textile products	MSTTF3001	4-Jul-16	Transition	Update	Trade	1/12/2021
Gain customer acceptance of service proposal	MSTTF3002	4-Jul-16	Transition	Update	Trade	1/12/2021
Produce patterns for 3-D products	MSTTF3003	4-Jul-16	Transition	Update	Trade	1/12/2021
Perform advanced welding of plastic materials	MSTTF3004	4-Jul-16	Transition	Update	Trade	1/12/2021
Apply lofting skills to sail making	MSTTF3005	4-Jul-16	Transition	Update	Trade	1/12/2021
Cut and join sail panels	MSTTF3006	4-Jul-16	Transition	Update	Trade	1/12/2021
Manufacture textile structures	MSTTF3007	4-Jul-16	Transition	Update	Trade	1/12/2021
Set up and operate a dry laid web forming machine	MSTTN2001	4-Jul-16	Transition	Update	Entry level	1/12/2021
Set up and operate a spun bond web forming machine	MSTTN2002	4-Jul-16	Transition	Update	Entry level	1/12/2021
Use basic recognition techniques to identify technical and non-woven textiles	MSTTN2003	4-Jul-16	Transition	Update	Entry level / trade	1/12/2021
Undertake web bonding processes	MSTTN2004	4-Jul-16	Transition	Update	Entry level	1/12/2021
Undertake web conversion and finishing	MSTTN2005	4-Jul-16	Transition	Update	Entry level	1/12/2021
Identify purpose and performance outcomes of technical textile product	MSTTN2006	4-Jul-16	Transition	Update	Entry level / trade	1/12/2021
Conduct technical textile mechanical finishing processes	MSTTN2007	4-Jul-16	Transition	Update	Entry level	1/12/2021
Conduct heat setting on technical textiles	MSTTN2008	4-Jul-16	Transition	Update	Entry level	1/12/2021
Apply surface coating to technical textiles	MSTTN2009	4-Jul-16	Transition	Update	Entry level	1/12/2021
Apply laminations or fusible interlinings to technical textiles	MSTTN2010	4-Jul-16	Transition	Update	Entry level	1/12/2021

Qualification / unit / skillset	Code	Previous change (endorsement date)	Previous work (transition / update / establishment)	Work (new / update / deletion)	Entry level / trade / post-trade qualification	Expected date for endorsement
Undertake fibre blending and feeding for non-woven technical production processes	MSTTN2011	4-Jul-16	Transition	Update	Entry level	1/12/2021
Produce a simple textile fabric or product	MSTTX1001	4-Jul-16	Transition	Update	Entry level	1/12/2021
Perform knitting operations	MSTTX2001	4-Jul-16	Transition	Update	Entry level / trade	1/12/2021
Weigh and check textile materials and products	MSTTX2002	4-Jul-16	Transition	Update	Entry level	1/12/2021
Repair textile product	MSTTX2003	4-Jul-16	Transition	Update	Entry level	1/12/2021
Conduct packaging or folding for textile production	MSTTX2004	4-Jul-16	Transition	Update	Entry level	1/12/2021
Access and use information resources for textile production operations	MSTTX2005	4-Jul-16	Transition	Update	Entry level	1/12/2021
Undertake carding operations	MSTTX2006	4-Jul-16	Transition	Update	Entry level	1/12/2021
Operate a machine for intermediate production support	MSTTX2007	4-Jul-16	Transition	Update	Entry level	1/12/2021
Operate a machine for complex production operations	MSTTX2008	4-Jul-16	Transition	Update	Entry level / trade / post-trade	1/12/2021
Perform wool quality tests	MSTTX2010	25-Jul-19	Transition	Update	Entry level / trade	1/12/2021
Perform wool processing machine setting	MSTTX2011	25-Jul-19	Transition	Update	Entry level / trade	1/12/2021
Perform wool store operations	MSTTX2012	25-Jul-19	Transition	Update	Entry level / trade	1/12/2021
Identify quality and types of textile fibres, yarns and fabrics	MSTTX3001	4-Jul-16	Transition	Update	Trade / post-trade	1/12/2021
Contribute to textile production process improvements	MSTTX3002	4-Jul-16	Transition	Update	Trade	1/12/2021
Set up textile production machines for product change	MSTTX3004	4-Jul-16	Transition	Update	Trade	1/12/2021
Organise and interpret tests	MSTTX3005	4-Jul-16	Transition	Update	Trade	1/12/2021
Ensure efficient operation of textile machines	MSTTX3006	4-Jul-16	Transition	Update	Trade	1/12/2021

Qualification / unit / skillset	Code	Previous change (endorsement date)	Previous work (transition / update / establishment)	Work (new / update / deletion)	Entry level / trade / post-trade qualification	Expected date for endorsement
Prepare dyes for textile production	MSTTX3007	4-Jul-16	Transition	Update	Trade	1/12/2021
Select raw materials	MSTTX3008	4-Jul-16	Transition	Update	Trade / post-trade	1/12/2021
Operate in a complex textile production environment	MSTTX3009	4-Jul-16	Transition	Update	Trade	1/12/2021
Monitor textile production processes	MSTTX3010	4-Jul-16	Transition	Update	Trade	1/12/2021
Set up, adjust and monitor a machine for TCF production	MSTTX3011	4-Jul-16	Transition	Update	Trade	1/12/2021
Perform wool processing operations	MSTTX3013	25-Jul-19	Establishment	Update	Entry level / trade	1/12/2021
Interpret and apply textile calculations and specifications	MSTTX4001	4-Jul-16	Transition	Update	Trade / post-trade	1/12/2021
Understand and apply textile science	MSTTX4002	4-Jul-16	Transition	Update	Trade / post-trade	1/12/2021
Perform routine textile testing and analyse results	MSTTX4003	4-Jul-16	Transition	Update	Trade / post-trade	1/12/2021
Select dyes and develop dye specification and recipe for production	MSTTX4004	4-Jul-16	Transition	Update	Trade / post-trade	1/12/2021
Undertake textile colouration and finishing	MSTTX4005	4-Jul-16	Transition	Update	Trade / post-trade	1/12/2021
Determine textile finishing processes	MSTTX5001	4-Jul-16	Transition	Update	Post-trade	1/12/2021

Other training packages

TP code	TP name	Product name (qualification, skill set, unit of competency)	Product code	Change required
AHC	Agriculture, Horticulture and Conservation and Land Management	Install metal structures and features	AHCLSC308	Check for currency and continued relevance
AUR	Automotive Retail, Service and Repair	Trim vehicle components	AURVTT004	Check for currency and continued relevance
AUR	Automotive Retail, Service and Repair	Fabricate and fit marine covers	AURVTT014	Check for currency and continued relevance
AUR	Automotive Retail, Service and Repair	Fabricate and install automotive and marine frames, canopies and side curtains	AURVTT019	Check for currency and continued relevance
AUR	Automotive Retail, Service and Repair	Select and use leather in automotive and marine trimming	AURVTT020	Check for currency and continued relevance
BSB	Business Services	Deliver a service to customers	BSBCUS201	Check for currency and continued relevance
BSB	Business Services	Evaluate the nature of design in a specific industry context	BSBDES202	Check for currency and continued relevance
BSB	Business Services	Explore the use of colour	BSBDES301	Check for currency and continued relevance
BSB	Business Services	Explore and apply the creative design process to 2D forms	BSBDES302	Check for currency and continued relevance
BSB	Business Services	Apply knowledge of the international trade environment to complete work	BSBINT301	Check for currency and continued relevance

TP code	TP name	Product name (qualification, skill set, unit of competency)	Product code	Change required
BSB	Business Services	Apply knowledge of legislation relevant to international trade to complete work	BSBINT302	Check for currency and continued relevance
BSB	Business Services	Apply knowledge of import and export international conventions, laws and finance	BSBINT405	Check for currency and continued relevance
BSB	Business Services	Plan for international trade	BSBINT409	Check for currency and continued relevance
BSB	Business Services	Develop and implement a business plan	BSBMGT617	Check for currency and continued relevance
BSB	Business Services	Conduct market research	BSBMKG408	Check for currency and continued relevance
BSB	Business Services	Promote products and services	BSBMKG413	Check for currency and continued relevance
BSB	Business Services	Undertake marketing activities	BSBMKG414	Check for currency and continued relevance
BSB	Business Services	Research international markets	BSBMKG415	Check for currency and continued relevance
BSB	Business Services	Analyse consumer behaviour	BSBMKG419	Check for currency and continued relevance
BSB	Business Services	Interpret market trends and developments	BSBMKG507	Check for currency and continued relevance
BSB	Business Services	Plan e-marketing communications	BSBMKG510	Check for currency and continued relevance

TP code	TP name	Product name (qualification, skill set, unit of competency)	Product code	Change required
BSB	Business Services	Develop a social media engagement plan	BSBMKG537	Check for currency and continued relevance
BSB	Business Services	Evaluate international marketing opportunities	BSBMKG605	Check for currency and continued relevance
BSB	Business Services	Manage international marketing programs	BSBMKG606	Check for currency and continued relevance
BSB	Business Services	Manage market research	BSBMKG607	Check for currency and continued relevance
BSB	Business Services	Develop organisational marketing objectives	BSBMKG608	Check for currency and continued relevance
BSB	Business Services	Determine resource requirements for the micro business	BSBSMB304	Check for currency and continued relevance
BSB	Business Services	Comply with regulatory, taxation and insurance requirements for the micro business	BSBSMB305	Check for currency and continued relevance
BSB	Business Services	Establish legal and risk management requirements of small business	BSBSMB401	Check for currency and continued relevance
BSB	Business Services	Plan small business finances	BSBSMB402	Check for currency and continued relevance
CPC	Construction, Plumbing and Services	Carry out excavation	CPCCCM2002A	Check for currency and continued relevance
CPC	Construction, Plumbing and Services	Carry out concreting to simple forms	CPCCCO2013A	Check for currency and continued relevance

TP code	TP name	Product name (qualification, skill set, unit of competency)	Product code	Change required
CPC	Construction, Plumbing and Services	Apply WHS requirements, policies and procedures in the construction industry	CPCCWHS2001	Check for currency and continued relevance
CUA	Creative Arts and Culture	Produce drawings to communicate ideas	CUAACD301	Check for currency and continued relevance
CUA	Creative Arts and Culture	Implement copyright arrangements	CUACMP311	Check for currency and continued relevance
CUA	Creative Arts and Culture	Develop drawing skills	CUADRA201	Check for currency and continued relevance
CUA	Creative Arts and Culture	Develop drawing skills	CUADRA201	Check for currency and continued relevance
CUA	Creative Arts and Culture	Engage in the business of creative practice	CUAPPR603	Check for currency and continued relevance
FSK	Foundation Skills	Apply an expanding range of mathematical calculations for work	FSKNUM21	Check for currency and continued relevance
ICP	Printing and Graphic Arts	Produce and manage basic digital print	ICPPRN282	Check for currency and continued relevance
ICP	Printing and Graphic Arts	Use colour management systems	ICPPRN284	Check for currency and continued relevance
ICP	Printing and Graphic Arts	Prepare for personalised digital printing	ICPPRN383	Check for currency and continued relevance
ICP	Printing and Graphic Arts	Apply software applications to digital production	ICPPRN385	Check for currency and continued relevance

TP code	TP name	Product name (qualification, skill set, unit of competency)	Product code	Change required
ICP	Printing and Graphic Arts	Use colour management for production	ICPPRN387	Check for currency and continued relevance
ICP	Printing and Graphic Arts	Preflight and import complex images for digital device	ICPPRN388	Check for currency and continued relevance
ICP	Printing and Graphic Arts	Manage digital files	ICPPRN389	Check for currency and continued relevance
ICP	Printing and Graphic Arts	Generate a proof for digital production	ICPPRN390	Check for currency and continued relevance
ICP	Printing and Graphic Arts	Set up and produce specialised digital print	ICPPRN392	Check for currency and continued relevance
ICP	Printing and Graphic Arts	Use computer systems	ICPSUP281	Check for currency and continued relevance
MEM	Manufacturing and Engineering	Perform routine manual metal arc welding	MEM05012	Check for currency and continued relevance
MEM	Manufacturing and Engineering	Perform routine gas metal arc welding	MEM05050	Check for currency and continued relevance
MEM	Manufacturing and Engineering	Perform engineering measurements	MEM12023	Check for currency and continued relevance
MEM	Manufacturing and Engineering	Perform computations	MEM12024	Check for currency and continued relevance
MEM	Manufacturing and Engineering	Work safely with industrial chemicals and materials	MEM13003	Check for currency and continued relevance

TP code	TP name	Product name (qualification, skill set, unit of competency)	Product code	Change required
MEM	Manufacturing and Engineering	Work safely and effectively in manufacturing and engineering	MEM13015	Check for currency and continued relevance
MEM	Manufacturing and Engineering	Plan work activities	MEM14006	Check for currency and continued relevance
MEM	Manufacturing and Engineering	Interact with computer technology	MEM16008	Check for currency and continued relevance
MEM	Manufacturing and Engineering	Assist in the provision of on-the-job training	MEM17003	Check for currency and continued relevance
MEM	Manufacturing and Engineering	Use hand tools	MEM18001	Check for currency and continued relevance
MEM	Manufacturing and Engineering	Use power tools/hand held operations	MEM18002	Check for currency and continued relevance
MEM	Manufacturing and Engineering	Replace watch batteries	MEM19006	Check for currency and continued relevance
MEM	Manufacturing and Engineering	Produce keys	MEM20001	Check for currency and continued relevance
MEM	Manufacturing and Engineering	Operate computer-aided design (CAD) system to produce basic drawing elements	MEM30031A	Check for currency and continued relevance
MEM	Manufacturing and Engineering	Produce basic engineering drawings	MEM30032A	Check for currency and continued relevance
MEM	Manufacturing and Engineering	Use computer-aided design (CAD) to create and display 3-D models	MEM30033A	Check for currency and continued relevance

TP code	TP name	Product name (qualification, skill set, unit of competency)	Product code	Change required
MSF	Furnishing	Provide technical advice to customers	MSFSF3013	Check for currency and continued relevance
MSM	Manufacturing	Participate in environmentally sustainable work practices	MSMENV272	Check for currency and continued relevance
MSM	Manufacturing	Implement and monitor environmentally sustainable work practices	MSMENV472	Check for currency and continued relevance
MSM	Manufacturing	Make measurements	MSMOPS101	Check for currency and continued relevance
MSM	Manufacturing	Communicate in the workplace	MSMSUP102	Check for currency and continued relevance
MSM	Manufacturing	Work in a team	MSMSUP106	Check for currency and continued relevance
MSM	Manufacturing	Provide coaching/mentoring in the workplace	MSMSUP382	Check for currency and continued relevance
MSM	Manufacturing	Use structured problem-solving tools	MSMSUP390	Check for currency and continued relevance
MSM	Manufacturing	Work safely	MSMWHS200	Check for currency and continued relevance
MSM	Manufacturing	Maintain WHS management system	MSMWHS503	Check for currency and continued relevance
MSM	Manufacturing	Manage the impact of change on own work	MSS402010	Check for currency and continued relevance

TP code	TP name	Product name (qualification, skill set, unit of competency)	Product code	Change required
MSM	Manufacturing	Interpret product costs in terms of customer requirements	MSS402031	Check for currency and continued relevance
MSM	Manufacturing	Apply quality standards	MSS402051	Check for currency and continued relevance
MSM	Manufacturing	Undertake root cause analysis	MSS402080	Check for currency and continued relevance
MSM	Manufacturing	Apply cost factors to work practices	MSS402082	Check for currency and continued relevance
PMA	Chemical, Hydrocarbons and Refining	Minimise environmental impact of process	PMASUP420	Check for currency and continued relevance
PMB	Plastics, Rubber and Cablemaking	Coordinate waste disposal	PMBWASTE302	Check for currency and continued relevance
SIR	Retail Services	Develop visual merchandising creative concepts	SIRRMER004	Check for currency and continued relevance
SIR	Retail Services	Implement visual merchandising concepts	SIRRMER005	Check for currency and continued relevance
SIR	Retail Services	Achieve visual merchandising targets	SIRRMER006	Check for currency and continued relevance
SIR	Retail Services	Plan and style merchandise photo shoots	SIRRMER008	Check for currency and continued relevance
SIR	Retail Services	Advise on products and services	SIRXPDK001	Check for currency and continued relevance

TP code	TP name	Product name (qualification, skill set, unit of competency)	Product code	Change required
TLI	Transport and Logistics	Package goods	TLIA2011	Check for currency and continued relevance
TLI	Transport and Logistics	Replenish stock	TLIA2020	Check for currency and continued relevance
TLI	Transport and Logistics	Despatch stock	TLIA2021	Check for currency and continued relevance
TLI	Transport and Logistics	Operate a forklift	TLID2010	Check for currency and continued relevance