

March 2011

Manufacturing Skills Australia

Draft Continuous Improvement Plan for manufacturing Training Packages 2011-2012

The MSA Training Package Continuous Improvement Plan for 2011-2012 has been informed by intelligence gathered by MSA over the previous 12 months from a variety of sources. These include the on-line Continuous Improvement Register, Environmental Scan research, on-line surveys, industry meetings, interviews and workshops.

The plan is presented in two sections:

Part A: Work commenced in 2010, for completion 2011

Part B: Training Package continuous improvement: June 2011-December 2012

Notes:

1. This draft CIP replaces the previous plan and includes work carried forward from 2010 - a final 2011-2012 plan will be developed following outcomes of the TVET 21st Century streamlining implementation project.
2. It is assumed that replacement of out of date imported units, and other miscellaneous ISC upgrades will be undertaken in conjunction with development work.
3. MSA Training Packages will continue to be developed in NTIS CAT format to facilitate transfer to the NTIS until the data has been transferred to the TGA TPCMS.
4. The CIP incorporates actions to be taken to ensure all MSA Training Packages comply with COAG/NQC requirements regarding Training Products for the 21st Century.
5. Implementation of the streamlined model will affect all MSA Training Packages and will result in a review of the duplication and the structure of all qualifications.
6. Note that scheduling of proposed streamlining work and timelines for endorsement are estimates and will depend on the availability of a TGA platform that supports the new model.
7. The CIP provides an outline of proposed development work - as projects commence, more detailed project plans will be available on the MSA website on the Training Package projects link provided below.
8. This plan will be updated approximately quarterly.

Relevant information available on the MSA website:

MSA 2011 Environmental Scan

<http://www.mskills.com.au/DownloadManager/downloads/MSA%20Environmental%20Scan%202011%20report.pdf>

Information on current Training Package Projects

<http://www.mskills.com.au/Projects.aspx?SectorId=70>

MSA Continuous Improvement Plan

MSA Training Packages Status Report

MSA Cases for Endorsement - modified following endorsement

Details on MSA 21st Century compliance

<http://www.mskills.com.au/Info.aspx?TAG=MSA.Info.CIP>

Part A: 2010 work in progress, carried forward for completion in 2011

Extension / changes to qualifications	Industry imperatives/drivers for change	Qualifications affected	Endorsement timelines
A1 Aeroskills Training Package			
MEA11			
→ Finalise general aviation technical and licensing pathways, NDT qualifications/Skill Sets and aircraft welding*	→ CASA licensing requirements	→ New qualifications at Certificates III and IV	
→ Review and update packaging rules, update imported units, complete development of skill sets for B1/B2 licence exclusions, develop materials to assist implementation of GA trade/licence outcomes.	→ Industry / regulatory imperatives	→ All qualifications	Timelines extended to July 2011.
A2 Metal and Engineering Training Package			
MEM05 version 5 and 6			
→ Diploma and Advanced Diploma - jewellery	→ To address industry skill needs and impact of changing technology	→ New qualifications	For completion April 2011 - MEM05v4 Case for Endorsement May 2011
→ Vocational Graduate Diploma	→ To address industry skill needs and impact of changing technology	→ New qualification	
→ Technical review and revision of draft Diploma and Advanced Diploma units (including aerospace paraprofessional avionic/aeronautical pathways) (Aerospace units in MEM05v4)	→ To address industry skill needs and impact of changing technology	→ Diploma and Advanced Diploma qualifications	
→ Review electrical units	→ Industry imperatives to continue to provide electrical licensing eligibility	→ CIII, CIV and Diploma trade qualifications	Completion estimated for August 2011, Case for Endorsement September-October 2011.
→ Certificate IV in Advanced Jewellery Manufacture	→ To address industry skill needs and impact of changing technology	→ New qualification	
→ Fibre Composites trade certificate	→ To address industry skill needs and impact of changing technology	→ New qualification	
→ Review CAD/Drafting units of competency	→ To ensure currency and application in a changing technical environment	→ All qualifications	
A3 Competitive Systems Training Package (name to be confirmed)			
MSC11 version 1			
→ Inclusion of reviewed and updated Competitive Manufacturing units and qualifications (to be renamed)	→ Industry requirement to review packaging and AQF alignment, develop new units and adjust existing units	→ New qualifications	For completion July 2011. Case for Endorsement August 2011.

Notes re 21st Century streamlining

Continuous improvement work will be undertaken in conjunction with 21st Century streamlining - components may be submitted for endorsement in stages prior to completion of streamlining. Timelines and outcomes are estimates only - more detailed information will be provided in project work plans.

Part B: Continuous Improvement MSA Training Packages: July 2011 to December 2012				
	Extension / changes to qualifications	Industry imperatives/streamlining scope of work	Qualifications	Development and endorsement timelines
B1	Aeroskills Training Package			
→	Ongoing development and enhancement to maintain regulatory compliance and meet industry needs	→ Adjust units and qualifications, and develop Assessment Requirements and Companion Guides to comply with 21st Century streamlining	→ 17 qualifications, 213 MEA units and 21 imported units	September 2011-August 2012
B2	Chemical, Hydrocarbons and Refining Training Package			
→	Development of units for metalliferous processing (steel, gold, aluminium, etc) for inclusion in PMA qualifications and miscellaneous updates for existing units	→ Industry required extension to provide full Training Package coverage for this sector	→ All PMA qualifications	July 2011-February 2012
→	Consider amalgamation with Manufactured Mineral Products to include all minerals processing in PMA	→ Adjust units and qualifications, and develop Assessment Requirements and Companion Guides to comply with 21st Century streamlining	→ 6 PMA qualifications, 141 PMA units and 124 imported units; 6 PMC qualifications, 83 PMC units and 121 imported units	December 2011-October 2012
B3	Competitive Systems Training Package (name to be confirmed)			
→	Version 1 expected to be endorsed by September 2011 - streamlining compliance to be undertaken in 2012	→ Adjust units and qualifications, and develop Assessment Requirements and Companion Guides to comply with 21st Century streamlining	→ All qualifications and units of competency	March-October 2012
B4	Furnishing Training Package			
→	Full review and redevelopment of units and qualifications (Scoping Report and project plan to be available on website)	→ Industry imperatives to update the existing qualifications	→ All qualifications	May 2011-December 2012
→	Consider overlaps with textiles and other manufacturing qualifications in conjunction with streamlining	→ Adjust units and qualifications, and develop Assessment Requirements and Companion Guides to comply with 21st Century streamlining	→ 44 qualifications, 448 LMF units, 156 imported units	
B5	Laboratory Operations Training Package			
→	Ongoing development and enhancement to maintain currency of units of competency and flexibility of packaging rules	→ Industry imperatives and feedback from user groups	→ All qualifications	June-September 2011
→		→ Adjust units and qualifications, and develop Assessment Requirements and Companion Guides to comply with 21st Century streamlining	→ 6 qualifications, 112 MSL units, 6 imported units	January-August 2012

B6	Manufactured Mineral Products Training Package				
→	See B2 above - consider amalgamation with PMA	Compliance with 21st Century streamlining	All qualifications	December 2011-October 2012	
B7	Manufacturing Training Package				
→	Review currency of units and qualifications in MSA07 and consider relocation of Technology Cadetship and other qualifications to MEM in conjunction with streamlining	Adjust units and qualifications, and develop Assessment Requirements and Companion Guides to comply with 21st Century streamlining	→ 25 qualifications, 222 MSA units, 343 imported units (mostly MEM units)	March 2011-December 2012	
B8	Metal and Engineering Training Package				
→	Continuous improvement work and full review of currency of units and structure qualifications. The work will include: Electrical units - review duplication and packaging Review critical trade units Review dual band units Reassess multiple prerequisite pathways Consider NDT qualification Review MEM 30 series units Pre-employment/pre-apprenticeship programs Consider welding inspection qualification Additional units for fuel systems installation/service Units/qualification for optical mechanics Units for emerging technologies	Adjust units and qualifications, and develop Assessment Requirements and Companion Guides to comply with 21st Century streamlining	→ 20 qualifications, 489 MEM units, 79 imported units	July 2011-June 2013 (note that some components will be developed and endorsed in stages)	
B9	Plastics, Rubber and Cablemaking Training Package				
→	Review currency of units and qualifications	Adjust units and qualifications, and develop Assessment Requirements and Companion Guides to comply with 21st Century streamlining	→ 5 qualification, 177 PMB units, 118 imported units	March 2011-December 2012	
B10	Sustainability Training Package				
→	Version 1 expected to be endorsed by May 2011 - streamlining compliance to be undertaken in 2012	Adjust units and qualifications, and develop Assessment Requirements and Companion Guides to comply with 21st Century streamlining	→ All qualifications and units of competency	May-December 2012	
B11	Textiles, Clothing and Footwear Training Package				
→	Review currency of units and structure of qualifications, consider amalgamation of soft furnishing/textiles qualifications (see B4 above) and relocation of TCF mechanic qualification to MEM to facilitate RTO coverage.	Adjust units and qualifications, and develop Assessment Requirements and Companion Guides to comply with 21st Century streamlining	→ 48 qualifications, 400 LMT units, 379 imported units (mostly MEM units imported for TCF Mechanic)	July 2011-December 2012	