

## Training Package Details

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<b>Training Package Name:</b>	Manufacturing Training Package
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Training Package Volume Number	Training Package Volume Name
1	Volume 1 of 2
2	Volume 2 of 2

Training Package Volume Number	Training Package Volume Statement
1	Introduction, Qualifications Framework and Assessment Guidelines
2	Units of Competency

Training Package Volume Number	Training Package Volume Description
Volume 1 of 2	This volume comprises MSA07 background information, Qualifications Framework and Assessment Guidelines. It is not to be used in isolation but must be used in conjunction with Volume 2 which includes the units of competency.
Volume 2 of 2	This volume contains the MSA07 units of competency. It is not to be used in isolation but must be used in conjunction with Volume 1 which includes the Qualifications Framework and Assessment Guidelines.

Training Package Volume Number	ISBN Number
1	
2	

## Version Modification History

Version	Release Date	Comments
4	TBA	Version 4 includes six new MSA Technology Cadetship units and the addition of 10 MEM units for a new structural steel detailing specialist stream in the following existing qualifications: <ul style="list-style-type: none"> <li>MSA30208 Certificate III in</li> </ul>

Version	Release Date	Comments
3	27 August 2008	<p>Manufacturing Technology</p> <ul style="list-style-type: none"> <li>• MSA50108 Diploma of Manufacturing Technology.</li> </ul> <p>MCM04 qualifications and units of competency recoded and placed in MSA07. Key Competencies have been replaced in Competitive Manufacturing units with Employability Skills.</p> <p>Two new specialist streams for metallurgy and polymer technology have been added to the existing Technology Cadetship qualifications, now coded MSA30208 and MSA40108.</p> <p>Two new Technology Cadetship qualifications – MSA50108 and MSA60108.</p> <p>Category 1 changes to following MSAPM units resulting from review of PMA08: MSAPMPER200B, MSAPMPER205B, MSAPMPER300B and MSAPMOHS210B.</p> <p>Two additional MSAPM units: MSAPMPER202A and MSAPMPER400A</p> <p>Deletion of MSAPM302A</p> <p>Category 1 changes to MSA10107, MSA10207, MSA20107 and MSA30107 as a result of recoding of MCM units and changes to MSAPM units.</p> <p>Additional Category 1 changes to MSA10107 to include updated versions of LMT and LMF units.</p>
2	16 November 2007	<p>Addition of three production support certificates and other generic units for use across the three process manufacturing Training Packages (PMA, PMB and PMC). This included the three new sustainability units.</p> <p>Units of competency in MSA10107 Certificate I in Manufacturing (Pathways) updated with units from PMB07 (details below).</p>

Version	Release Date	Comments
1	April 2007	Initial release

## Version 4 – Mapping of changes

### Qualifications affected

MSA07v4		MSA07v3		Relationship
Code	Title	Code	Title	
MSA30208	Certificate III in Manufacturing Technology	MSA30208	Certificate III in Manufacturing Technology	Additional electives for Structural Steel Detailing – overall outcomes and existing streams unchanged.
MSA50108	Diploma of Manufacturing Technology	MSA50108	Diploma of Manufacturing Technology	

### New units of competency for Structural Steel Detailing specialist stream

Code	Title	Prerequisites	Relationship
<b>Structural Steel Detailing units</b>			
MSATSD301A	Interpret architectural and engineering design specifications for structural steel detailing	MEM09002B	New unit
MSATSD302A	Detail bolts and welds for structural steelwork connections	MEM09002B MEM05051A MSATSD301A	New unit
MSATSD501A	Detail standardised structural connections	MEM09002B MEM05051A MSATSD301A	New unit
MSATSD502A	Detail structural steel members	MEM09002B MSATSD301A	New unit
MSATSD503A	Incorporate structural steel detailing into fabrication and construction project management		New unit
MSATSD504A	Detail ancillary steelwork	MEM09002B MSATSD301A	New unit
<b>Imported units</b>			
MEM05051A	Select welding processes		New to MSA07
MEM09006B	Perform advanced engineering detail drafting	MEM09002B MEM09003B MEM09005B	New to MSA07
MEM09009C	Create 2D drawings using computer aided design system	MEM09002B MEM16008A	New to MSA07
MEM09011B	Apply basic engineering design concepts	MEM09002B	New to MSA07
MEM09021B	Interpret and produce curved 3 dimensional shapes		New to MSA07
MEM13002B	Undertake occupational health and safety activities in the workplace		New to MSA07

MEM13014A	Apply principles of occupational health and safety in the work environment		New to MSA07
MEM14004A	Plan to undertake a routine task		New to MSA07
MEM16005A	Operate as a team member to conduct manufacturing, engineering or related activities		New to MSA07
MEM16012A	Interpret technical specifications and manuals		New to MSA07