

- Unit Standard 2701 has had its credit reduced to 5.
- Unit Standards 11661 and 11664 have had their credits raised to 8 and 12 respectively.
- Unit Standards 2703, 2706, 18542, 18545, 18546, and 18616 have had their credits raised to 15.

Unit standards categorised as category C or D expire at the end of December 2008.

Impact on existing provider accreditations

None.

Impact on Accreditation and Moderation Action Plan (AMAP)

AMAP 0013 has been updated to reflect the changes made to the standards.

Impact on existing qualifications

Qualifications that contain the reviewed standards or classifications are tabled below.

Affected	The qualification lists a reviewed classification (domain or subfield) in an elective set The qualification lists a standard that has changes to level or credits The qualification lists a C or D category standard
Not materially affected	The qualification lists a standard that has a new title The qualification lists a standard that has a new classification

The following table shows Competenz qualifications that contain unit standards in both categories. Affected standards are identified in bold. The qualifications will be reviewed during 2006.

Qualification title	Classification or standard in the qualification
National Certificate in Engineering (General Engineering – Mechanical) (Level 2) [Ref: 0903]	2701, 11661 , 11662, 11663, 11664
National Certificate in Engineering Machining and Toolmaking (Level 4) [Ref: 0123]	2701 , 2702, 2703 , 2704, 2706 , 2709, 2710, 2711, 2717, 2718, 11661 , 11662, 11663, 11664, 18542, 18616, 18617
National Certificate in Engineering Machining and Toolmaking (Level 5) [Ref: 0719]	2702, 2717, 2718, 18543 , 18544, 18545, 18546, 18616, 18617
National Certificate in Gunsmithing (Level 4) [Ref: 0346]	2702, 2703 , 2704, 2705, 2706, 2711, 11661 , 11662, 11663, 11664
National Certificate in Gunsmithing (Master) (Level 5) [Ref: 0347]	2717, 2718
National Certificate in Locksmithing (Level 4) [Ref: 0452]	11661 , 11662
National Certificate in Maintenance and Diagnostics in Mechanical Engineering (Level 4) [Ref: 0125]	11661 , 11662, 11663, 11664
National Certificate in Metal Casting (Technology) (Level 4) [Ref: 0129]	11661 , 11662, 11663, 11664

The following qualifications are also affected by the outcome of this review. The standard setting bodies (SSBs) have been advised that they require revision. Bold has been used to denote 'affected' category.

Qualification title	Classification or standard in the qualification	SSB Name
National Certificate in Boatbuilding with strands in Marine Cabinetmaking, Composite Sparmaking, Alloy Boatbuilding, Marine Rigging, Marine Painting, Composite Boatbuilding, Steel Boatbuilding, Wooden Boatbuilding, Marine Systems Engineering, and Metal Sparmaking [Ref: 0877]	11661 , 11662, 11663	Boating Industry Training Organisation
National Certificate in Electricity Supply (Mechanical Fitter) (Level 3) with strands in Hydro, Networks, and Thermal [Ref: 0891]	11663, 11664	Electricity Supply Industry Training Organisation
National Certificate in Engineering and Technology (Glass Containers) (Level 2) [Ref: 0947]	11661 , 11662	Plastics and Materials Processing Industry Training Organisation
National Certificate in Engineering and Technology (Plastics Engineering) (Level 3) [Ref: 0477]	11661 , 11662, 11663, 11664	Training Organisation

The following qualifications are not materially affected by the changes. They will be updated when it is next reviewed.

Qualification title	Standard in the qualification	SSB Name
National Certificate in Electricity Supply (Electrical) (Level 4) [Ref: 0921]	11662, 11663	Electricity Supply Industry Training Organisation

Summary of main changes

All changes are in **bold**.

Key to review category	
A	Dates changed, but no other changes are made - the replacement standard carries the same Id and a new version number
B	Changes made, but the overall outcome remains the same - the replacement standard carries the same Id and a new version number
C	Major changes that necessitate the registration of a replacement standard with a new Id
D	Standard will expire and not be replaced

Subfield Mechanical Engineering
Domain Engineering Machining and Toolmaking

Id	Title	Level	Credit	Review Category
2699	Produce components by operating and monitoring a production engineering machine Operate and monitor a production engineering machine	1	4	B
		2		
2701	Produce components by performing reciprocating cutting operations	2	10 5	B
2702	Set and operate a Computer Numerical Controlled machining centre Set and operate a CNC machining centre	4	15	B

Id	Title	Level	Credit	Review Category
2703	Set and operate a Computer Numerical Controlled lathe Set and operate a CNC lathe	4	8 15	B
2704	Produce components by performing precision engineering turning operations Produce components by performing advanced engineering turning operations	4	15	B
2705	Produce components by performing horizontal boring operations	4	15	B
2706	Produce components by performing vertical boring operations	4	10 15	B
2707	Grind tools and cutters used in engineering machining operations	4	15	B
2708	Produce components by electro-discharge machining operations	4	15	B
2709	Produce components by Computer Numerical Controlled wire cut Electro Discharge Machine operations Produce components by CNC wire cut electro-discharge machine operations	4	15	B
2710	Set automatic cam operated lathes	4	20	D
2711	Write Computer Numerical Controlled programmes for engineering machines	4	15	C
22910	Demonstrate and apply knowledge of programming CNC engineering machines	3	4	
2712	Produce components by performing engineering grinding operations	3	15	B
2713	Set manually operated production engineering machines	3	15	B
2714	Produce components by performing engineering turning operations	3	15	B
2715	Produce components by performing engineering milling operations	3	15	B
2716	Produce components by performing jig-boring operations	4	15	B
2717	Produce components by performing precision engineering milling operations Produce components by performing advanced engineering milling operations	4	15	B
2718	Produce components by performing precision engineering grinding operations Produce components by performing advanced engineering grinding operations	5 4	15	B
11661	Produce components by performing general engineering drilling operations Produce components by performing basic engineering drilling operations	2	5 8	B

Id	Title	Level	Credit	Review Category
11662	Produce components by performing general engineering turning operations Produce components by performing basic engineering turning operations	2	12	B
11663	Produce components by performing general engineering milling operations Produce components by performing basic engineering milling operations	2	12	B
11664	Produce components by performing general engineering surface grinding operations Produce components by performing basic engineering surface grinding operations	2	3 12	B
18542	Manufacture single stage tooling for industry under supervision Manufacture single stage tooling for industry	3	10 15	B
18543	Manufacture multi-stage tooling for industry	5 4	15	B
18544	Select and use advanced material cutting tools in engineering machining	4	10	B
18545	Programme a 3-axis and additional function CNC turning centre using proprietary software Program a 3-axis and additional function CNC turning centre using proprietary software	5	10 15	B
18546	Programme a 4-axis CNC machining centre using proprietary software Program a 4-axis CNC machining centre using proprietary software	5	10 15	B
18616	Programme a 3-axis CNC machining centre using proprietary software Program a 3-axis CNC machining centre using proprietary software	4	10 15	B
18617	Programme a 2 1/2 D axis CNC turning centre using proprietary software Program a 2-axis CNC turning centre using proprietary software	4	10	B
22908	Demonstrate and apply knowledge of manually controlled machining operations	3	10	New
22909	Demonstrate and apply knowledge of setting and operating CNC engineering machines	3	4	New
22911	Demonstrate knowledge of toolmaking principles	3	2	New