

Impact on existing qualifications

Qualifications that contain the reviewed standards or classifications are tabled in the Appendix.

Summary of main changes to standards' Ids, classification, titles, levels, and credits

The following summary shows the changes made to the standards as a result of the review. 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

Field Engineering and Technology

Subfield Mechanical Engineering

Domain Engineering Core Skills

Id	Title	Level	Credit	Review Category
2824	Demonstrate knowledge of, and apply, safe working practices on a engineering worksite	2	3	C
21911	Demonstrate knowledge of safety on engineering worksites	2	1	
21912	Apply safe working practices on an engineering worksite	2	2	
12299	Shift loads in the performance of machinery and equipment installation and maintenance	2	3	C
21913	Shift loads in engineering installation, maintenance, and fabrication work	2	2	

Appendix

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 Competenz qualifications are affected by the outcome of this review and will be revised/reviewed by December 2007.

Qualification title	Standard in the qualification
National Certificate in Architectural Aluminium Joinery (Level 2) [Ref: 0765]	2824
National Certificate in Architectural Aluminium Joinery (Level 3) [Ref: 0766]	2824
National Certificate in Composites (Level 4) [Ref: 0121]	2824
National Certificate in Engineering - Fabrication (Level 4) with strands in Heavy Fabrication, Light Fabrication, and Welding [Ref: 0122]	2824, 12299
National Certificate in Engineering (General Engineering - Mechanical) (Level 2) [Ref: 0903]	2824
National Certificate in Engineering Machining and Toolmaking (Level 4) [Ref: 0123]	2824
National Certificate in Fire Detection and Alarm Systems (Level 4) [Ref: 0569]	2824
National Certificate in Fire Detection and Alarm Systems (Testing) (Level 3) [Ref: 0862]	2824
National Certificate in Fire Protection Systems Technology (Inspection and Testing) (Level 4) [Ref: 0864]	2824
National Certificate in Fixed Fire Protection Systems (Level 3) with strands in Installation, and Testing [Ref: 0863]	2824
National Certificate in Fixed Fire Protection Systems (Level 4) [Ref: 0570]	2824
National Certificate in Gunsmithing (Level 4) [Ref: 0346]	2824
National Certificate in Hand Operated Fire Fighting Equipment (Level 3) [Ref: 0568]	2824
National Certificate In Heating, Ventilating, And Air Conditioning (Mechanical Services) (Level 4) [Ref: 0124]	2824, 12299
National Certificate in Lifts and Escalators (Level 4) with strands in Installation, and Servicing [Ref: 0662]	2824, 12299
National Certificate in Locksmithing (Level 4) [Ref: 0452]	2824
National Certificate In Maintenance And Diagnostics In Mechanical Engineering (Level 4) [Ref: 0125]	2824
National Certificate in Manufacturing and Mechanical Engineering (Level 4) [Ref: 0750]	2824
National Certificate in Metal Casting (Technology) (Level 4) [Ref: 0129]	2824
National Diploma in Engineering (Mechanical Engineering) (Level 6) [Ref: 0534]	2824
National Certificate in Manufacturing and Mechanical Engineering (Level 3) [Ref: 0128]	2824
National Certificate in Maritime (Merchant Navy Deck and Engine Room Watch Rating) [Ref: 0259]	2824
National Certificate in Manufacturing and Mechanical Engineering (Level 2) [Ref: 0127]	2824

National Certificate in Composites (Level 3) [Ref: 1157]	2824
National Certificate in Refrigeration and Air Conditioning (Level 4) [Ref: 0130]	2824, 12299

The following qualifications are also affected by the outcome of this review. The standard setting bodies (SSBs) have been advised that they require revision.

Qualification title	Standard in the qualification	SSB Name
National Certificate in Carpet Manufacture (Carpet Tufter Tuning) (Level 5) with an optional strand in Tuning of Multi-height and Enhanced Graphics Tufters [Ref: 0280]	2824	Apparel and Textile Industry Training Organisation
National Certificate in Carpet Manufacture (Woven Carpet Loom Tuning) (Level 4) [Ref: 0286]	2824	
National Certificate in Aeronautical Engineering with strands in Aeronautical Non Destructive Testing, Armament, Avionics, Aircraft Mechanical, Aircraft Powerplant, Rotorcraft , and Aircraft Structures [Ref: 0192]	2824	Aviation, Tourism and Travel Training Organisation
National Certificate in Aeronautical Engineering (Aircraft Manufacture) [Ref: 0742]	2824	
National Certificate in Aeronautical Engineering (Related Technology) [Ref: 0381]	2824	
National Diploma in Aeronautical Maintenance Certification with strands in Aeroplane, Rotorcraft, and Powerplant [Ref: 1133]	2824	
National Certificate in Aeronautical Engineering (Support) with strands in Aeronautical Composites Strand, Aeronautical Machining, Aeronautical Non Destructive Testing, Aircraft Furnishings and Equipment, Aircraft Mechanical, Aircraft Painting, Aircraft Powerplant, Aircraft Structures, Armament, Avionics, Metal Surface Finishing, and Rotorcraft [Ref: 0191]	2824	
National Certificate in Aeronautical Storekeeping [Ref: 0618]	2824	
National Certificate in Aircraft Servicing [Ref: 0171]	2824	
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 Spanking [Ref: 0877]	12299	Boating Industry Training Organisation
National Certificate in Electricity Supply (Electrical) (Level 3) [Ref: 0888]	12299	
National Certificate in Electricity Supply (Level 2) [Ref: 0868]	2824	
National Certificate in Electrical Engineering (Electrician) (Level 4) [Ref: 0313]	12299	ETITO

National Certificate in Electrical Engineering (Motor Rewinding and Repair) [Ref: 0412]	12299	
National Certificate in Telecommunications (Level 3) with strands in Bearer and Switch, Building and Data Cabling, Customer Access Network, Customer Premises Equipment, and Radio [Ref: 0767]	12299	
National Certificate in Total Productive Manufacturing (Level 3) [Ref: 0943]	2824	Forest Industries Training
National Certificate in Extractive Industries (Mineral Processing - Alluvial Gold) [Ref: 0641]	2824	NZ Extractive Industry Training Organisation
National Certificate in Cablemaking (Level 2) with strands in Wiredrawing, Conductor Assembly, Extrusion, Cable Assembly, and Cable Testing [Ref: 0566]	2824	Plastics and Materials Processing Industry Training Organisation
National Certificate in Engineering and Technology (Glass Containers) (Level 2) [Ref: 0947]	2824, 12299	
National Certificate in Plastics Processing Technology (Level 2) with strands in Injection Moulding, Extrusion, Blow Moulding, Pressure Thermoforming, Vacuum Thermoforming, Blown Film Extrusion, Film Conversion, Injection Stretch Blow Moulding, and Rotational Moulding [Ref: 0394]	2824, 12299	
National Certificate in Materials Processing (Level 2) with strands in General, Plastics Injection Moulding, Plastics Extrusion, Plastics Blow Moulding, Plastics Pressure Thermoforming, Plastics Vacuum Thermoforming, Plastics Blown Film Extrusion, Plastics Film Conversion, Plastics Injection Stretch-Blow Moulding, Plastics Rotational Moulding, Expanded Polystyrene Moulding, Polystyrene Pre-expansion, Glass Containers, and Paint Manufacturing [Ref: 1073]	2824, 12299	
National Certificate in Snowsport (Level 2) with strands in Surface Lift Operation, Aerial Lift Operation, Road and Carpark Services, and Maintenance [Ref: 0439]	2824	Sports, Fitness and Recreation Industry Training Organisation