



NEW ZEALAND QUALIFICATIONS AUTHORITY
MANA TOHU MĀTAURANGA O AOTEAROA

Framework Developments

March 2007

Framework Developments is a monthly news sheet listing the new and reviewed standards, qualifications and Accreditation and Moderation Action Plan documents registered on the Framework for the month.

QUALIFICATIONS	2
New qualifications registered in March 2007	2
Qualification reviews and other changes.....	2
Qualifications reviewed	2
Qualification revised - maintained, rolled over, small changes to content	3
Republished qualification	3
STANDARDS	3
New and Reviewed standards registered in March 2007	3
Agriculture, Forestry and Fisheries > Seafood > Seafood Generic.....	3
Engineering and Technology > Aeronautical Engineering > Aeronautical Armament	3
Engineering and Technology > Aeronautical Engineering > Aeronautical Composites.....	4
Engineering and Technology > Aeronautical Engineering > Aeronautical Electroplating	4
Engineering and Technology > Aeronautical Engineering > Aeronautical Machining	4
Engineering and Technology > Aeronautical Engineering > Aircraft Structures	4
Engineering and Technology > Civil Engineering > Civil Engineering - Generic	5
Engineering and Technology > Civil Engineering > Infrastructure Asset Management.....	5
Engineering and Technology > Mechanical Engineering > Fire Protection Systems Technology.....	5
Engineering and Technology > Mechanical Engineering > Fixed Fire Protection Systems.....	5
Engineering and Technology > Mechanical Engineering > Hand Operated Fire Fighting Equipment....	6
Manufacturing > Industrial Textile Fabrication > Canvas Fabrication	6
Manufacturing > Industrial Textile Fabrication > Industrial Textile Fabrication Core Skills	6
Manufacturing > Industrial Textile Fabrication > Sailmaking.....	8
Manufacturing > Industrial Textile Fabrication > Vehicle Trimming and Upholstery	8
Manufacturing > Outdoor Fabric Products > Leather Goods Manufacture	9
Manufacturing > Textiles Manufacture > Core Yarn Processing.....	9
Manufacturing > Textiles Manufacture > Textile Dyeing and Finishing.....	9
Planning and Construction > Construction Trades > Architectural Aluminium Joinery.....	9
Planning and Construction > Construction Trades > Flooring.....	9
Service Sector > Aviation > Aircraft Operation	10
Service Sector > Cleaning and Caretaking > Cleaning Services Administration	10
Service Sector > Hospitality > Cookery	10
Revised and Rolled Over standards in March 2007	10
Computing and Information Technology > Computing > Computer Support	10
Engineering and Technology > Design > Design - Graphic Communication	11
Engineering and Technology > Technology > Materials Technology	11
Engineering and Technology > Technology > Process Technology	11
Engineering and Technology > Technology > Systems Technology	11
Humanities > Religious Studies > Understanding Religion	11
Manufacturing > Energy and Chemical Plant > Operation of Energy and Chemical Plant	11

Manufacturing > Food and Related Products Processing > Baking - Pastry	11
Manufacturing > Manufacturing Skills > Manufacturing Processes	11
Manufacturing > Printing > Printing Production	11
Manufacturing > Textiles Manufacture > Carpet Manufacture	12
Manufacturing > Textiles Manufacture > Core Yarn Processing.....	12
Service Sector > Cleaning and Caretaking > Cleaning Services Administration	12
Service Sector > Cranes > Crane Operation.....	13
Expiring standards in March 2007	13
Engineering and Technology > Aeronautical Engineering > Aeronautical Armament	13
Engineering and Technology > Aeronautical Engineering > Aircraft Structures	13
Engineering and Technology > Civil Engineering > Civil Engineering - Asset Management (Expiring)13	
Engineering and Technology > Mechanical Engineering > Fixed Fire Protection Systems.....	13
Engineering and Technology > Mechanical Engineering > Hand Operated Fire Fighting Equipment..	13
Engineering and Technology > Motor Industry > Motor Trimming (Expiring).....	14
Manufacturing > Outdoor Fabric Products > Canvas Fabrication (Expiring).....	14
Manufacturing > Outdoor Fabric Products > Sailmaking (Expiring)	14
Planning and Construction > Construction Trades > Architectural Aluminium Joinery.....	14
Planning and Construction > Construction Trades > Flooring.....	15
Service Sector > Aviation > Aircraft Operation	15

QUALIFICATIONS

New qualifications registered in March 2007

	Title	Level if not in title
1	National Certificate in Dairy Manufacturing (Field Service) with an optional strand in Agribusiness Management [Ref: 1275]	4 or 5 with optional strand
2	National Certificate in Driving (Four Wheel Drive (4WD) Vehicle) [Ref: 1274]	3

Qualification reviews and other changes

Copies of the review reports may be viewed on NZQA's website

<http://www.nzqa.govt.nz/framework/updates/summaries.do>

QUALIFICATIONS REVIEWED

	Title	Level if not in title
1	National Certificate in Dairy Manufacturing (Laboratory Technology) (Level 4) with optional strands in Chemistry, Microbiology and Sensory Evaluation [Ref: 0581]	
1	National Certificate in Driving (Light Motor Vehicle) [Ref: 0796]	2
2	National Certificate in Printing (Dry Offset) (Level 3) [Ref: 0498]	
3	National Certificate in Printing (Dry Offset) (Level 4) [Ref: 0499]	
4	National Certificate in Printing (Production Support) (Level 2) with strands in Carton Cut and Crease, Finishing (Carton), Sheet-fed Offset, Reel-fed Printing, Screen Printing, and Dry Offset [Ref: 0593]	

QUALIFICATION REVISED - MAINTAINED, ROLLED OVER, SMALL CHANGES TO CONTENT

	Title	Level if not in title
1	National Certificate in Mental Health (Mental Health Support Work) (Level 4) [Ref: 0431]	

REPUBLISHED QUALIFICATION

	Title	Level if not in title
1	National Diploma in Sports Turf Management (Level 6) [Ref: 1272]	

Standards**New and Reviewed standards registered in March 2007**

New unit standards identified as version 1 in Ver column of table.

- Copies of registered unit standards are available from NZQA Sales and on NZQA's website <http://www.nzqa.govt.nz/framework/explore/index.do>
- Copies of reports may be viewed on NZQA's website <http://www.nzqa.govt.nz/framework/updates/summaries.do>

AGRICULTURE, FORESTRY AND FISHERIES > SEAFOOD > SEAFOOD GENERIC

ID	Ver	Title	Level	Credits
23687	1	Describe permits and registrations, and prepare and submit application forms for a seafood company	3	5
23688	1	Describe the returns required by New Zealand seafood legislation, and prepare and report returns	3	5
23689	1	Provide an overview of governance and management in a New Zealand seafood organisation	4	12

ENGINEERING AND TECHNOLOGY > AERONAUTICAL ENGINEERING > AERONAUTICAL ARMAMENT

ID	Ver	Title	Level	Credits
4037	4	Dispose of explosive ordnance	6	15
4038	4	Maintain aircraft explosive escape systems	4	10
4040	4	Receive, store, and issue explosive ordnance	4	8
4042	4	Maintain aircraft armament pneumatic systems	4	10
4043	4	Inspect explosive ordnance	6	15
4045	4	Operate an air-to-ground weapons range	6	6
17643	2	Assemble and disassemble aircraft bombs	3	4
17645	2	Assemble and disassemble aircraft missiles	4	4
17647	2	Assemble and disassemble aircraft torpedoes	4	4
17649	2	Load and unload, and arm and disarm aircraft pintle mounted firing guns	3	2
17650	2	Load and unload, and arm and disarm aircraft bombs	3	2
17651	2	Load and unload, and arm and disarm aircraft countermeasure stores	3	2
17652	2	Load and unload, and arm and disarm aircraft missiles	3	4
17654	2	Load and unload, and arm and disarm aircraft torpedoes	3	4
17656	2	Maintain aircraft pintle mounted gun systems	4	3
17657	2	Maintain aircraft countermeasure systems	4	8
17658	2	Maintain aircraft missiles	4	16
17659	2	Maintain aircraft torpedoes	4	10
17660	2	Maintain aircraft missile launching systems	4	5
17662	2	Maintain aircraft weapons release systems	4	6
17663	2	Repair and/or overhaul aircraft crew escape system components	4	32
17665	2	Repair and/or overhaul aircraft weapons release units	4	24

ID	Ver	Title	Level	Credits
17666	2	Repair and/or overhaul aircraft missile launching system components	4	35
17667	2	Repair and/or overhaul aircraft armament pneumatic system components	4	12

ENGINEERING AND TECHNOLOGY > AERONAUTICAL ENGINEERING > AERONAUTICAL COMPOSITES

ID	Ver	Title	Level	Credits
4020	4	Design tooling used to fabricate and repair aeronautical composite components	4	25
4021	4	Manufacture tooling used to fabricate and repair aeronautical composite components	4	35
4023	4	Fabricate and repair composite aeronautical components at room temperature	4	40
4024	4	Fabricate and repair composite aeronautical components at elevated temperatures	4	42
23601	1	Repair composite aeronautical components	4	20

ENGINEERING AND TECHNOLOGY > AERONAUTICAL ENGINEERING > AERONAUTICAL ELECTROPLATING

ID	Ver	Title	Level	Credits
23594	1	Clean aircraft components for aeronautical electroplating	4	5
23595	1	Hard anodise aeronautical grade aluminium components	4	15
23596	1	Apply metallic coatings to flight critical aircraft components	4	15
23597	1	Apply alloy coatings to aircraft components	4	15
23598	1	Apply nickel-cadmium to aeronautical components	4	10
23599	1	Apply metals to conductive aeronautical substrates using the selective (brush) plating process	4	10
23600	1	Analyse aeronautical electroplating solutions	5	15

ENGINEERING AND TECHNOLOGY > AERONAUTICAL ENGINEERING > AERONAUTICAL MACHINING

ID	Ver	Title	Level	Credits
4025	4	Repair and/or fabricate aeronautical components using boring machines	4	15
4027	4	Repair aeronautical component parts by flame spraying	4	15
4029	4	Repair and/or fabricate aeronautical components using milling machines	4	15
4030	4	Use optical tooling to inspect and calibrate aeronautical components, tooling, and machine tools	5	15
4031	4	Use optical tooling to establish and maintain reference lines of sight and planes	4	15
4066	4	Peen aeronautical components	4	10

ENGINEERING AND TECHNOLOGY > AERONAUTICAL ENGINEERING > AIRCRAFT STRUCTURES

ID	Ver	Title	Level	Credits
4026	4	Repair and fabricate aeronautical component parts by brazing and soldering	4	6
4032	4	Shape aeronautical component parts by punching	3	3
4033	4	Form aeronautical sheet metals by rolling	3	3
4067	4	Balance aircraft flight control surfaces	3	10
4068	4	Form aeronautical sheet aluminium alloys by slapping and beating	3	6
4069	4	Cold work holes in aeronautical aluminium alloys	3	4
4070	4	Shape aeronautical sheet metals by cutting	4	5
4071	4	Apply and/or repair aircraft external fabric coverings	4	15
4072	4	Fold aeronautical sheet metals	4	3
4073	4	Heat treat aeronautical metals and components	4	15
4076	4	Repair and fabricate aeronautical wooden structural components	4	10
4077	4	Rig aircraft flying bracing wires	3	4
4079	4	Form aeronautical sheet metal items by rubber pressing	4	15
4080	4	Assemble aeronautical metal components by bonding	4	10
4081	4	Form aeronautical sheet metals by shrinking and stretching	3	8

ID	Ver	Title	Level	Credits
4082	4	Repair aircraft plastic transparencies	4	10
4083	4	Form aeronautical sheet metals by wheeling	3	8
23653	1	Fabricate and repair aeronautical components by welding	4	42

ENGINEERING AND TECHNOLOGY > CIVIL ENGINEERING > CIVIL ENGINEERING - GENERIC

ID	Ver	Title	Level	Credits
17298	3	Work professionally within the civil engineering or asset management sector	6	6
17301	3	Apply professional body rules and ethics as a civil engineering or asset management practitioner	5	6

ENGINEERING AND TECHNOLOGY > CIVIL ENGINEERING > INFRASTRUCTURE ASSET MANAGEMENT

ID	Ver	Title	Level	Credits
11429	5	Develop, implement, and review an infrastructure asset management plan	6	30
17305	3	Use optimised decision-making process for infrastructure asset management	6	15
17308	3	Conduct risk management in an infrastructure asset management context	6	15
23589	1	Explain process, and develop and measure levels of service, for infrastructure assets	5	10
23590	1	Demonstrate knowledge of infrastructure asset information management	6	10
23591	1	Demonstrate knowledge of financial and economic analysis for infrastructure asset management	6	15
23592	1	Undertake demand management analysis for infrastructure assets	5	10
23593	1	Manage tendering, and form and manage a contract, for an infrastructure asset	6	10

ENGINEERING AND TECHNOLOGY > MECHANICAL ENGINEERING > FIRE PROTECTION SYSTEMS TECHNOLOGY

ID	Ver	Title	Level	Credits
17708	2	Inspect and test interconnected control and fire detection and alarm systems	4	12
17709	2	Demonstrate knowledge of inspection and testing of passive fire safety systems	4	4
17710	2	Demonstrate knowledge of passive fire safety systems	3	4
17711	2	Inspect and test passive fire safety systems	4	6
17712	2	Demonstrate knowledge of organisations and documentation that impact on the fire protection industry	3	4
17713	2	Demonstrate knowledge of interconnected control and fire detection and alarm systems	4	6
17714	2	Demonstrate knowledge of inspection and testing of interconnected control and fire detection and alarm systems	4	4
17715	2	Demonstrate knowledge of, and apply legislation for the fire protection industry	5	8

ENGINEERING AND TECHNOLOGY > MECHANICAL ENGINEERING > FIXED FIRE PROTECTION SYSTEMS

ID	Ver	Title	Level	Credits
9362	3	Establish and disestablish site facilities for the installation of fire safety systems	4	4
9372	3	Commission fire sprinkler systems	4	20
9375	3	Service fire sprinkler systems	4	11
17727	2	Conduct routine tests and maintenance of special hazards fixed fire protection systems	4	5
17728	2	Conduct routine surveys of special hazards fixed fire protection systems	4	5
17729	2	Demonstrate knowledge of maintenance of special hazards fixed fire protection systems	4	4
17730	2	Demonstrate knowledge of maintenance of fire sprinkler systems	3	4

ID	Ver	Title	Level	Credits
17731	3	Demonstrate knowledge of fire sprinkler systems and installation practices	3	10
17732	3	Demonstrate knowledge of special hazards fixed fire protection systems	4	6
17734	2	Conduct routine tests and maintenance of fire sprinkler systems	3	4
17735	2	Conduct routine surveys of fire sprinkler systems	4	4
18432	2	Fabricate pipe-work for fire sprinkler systems on site	3	6
18433	2	Install special hazards fixed fire protection systems	3	17
18434	2	Install fire sprinkler systems	3	40
23587	1	Commission special hazards fixed fire protection systems	4	7
23588	1	Service special hazards fixed fire protection systems	4	11

ENGINEERING AND TECHNOLOGY > MECHANICAL ENGINEERING > HAND OPERATED FIRE FIGHTING EQUIPMENT

ID	Ver	Title	Level	Credits
9013	4	Survey buildings and select hand operated fire fighting equipment	4	23
9020	4	Demonstrate knowledge and use of hand operated fire fighting equipment	3	9
23585	1	Install and commission hand operated fire fighting equipment	3	20
23586	1	Maintain hand operated fire fighting equipment	3	20

MANUFACTURING > INDUSTRIAL TEXTILE FABRICATION > CANVAS FABRICATION

ID	Ver	Title	Level	Credits
23515	1	Demonstrate knowledge of terminology used in the canvas fabrication and related industries	2	2
23516	1	Make a selection of articles under supervision in the canvas fabrication industry	3	15
23517	1	Make up aluminium framing for a canvas fabrication application	4	10
23518	1	Make up steel framing for a canvas fabrication application	4	10

MANUFACTURING > INDUSTRIAL TEXTILE FABRICATION > INDUSTRIAL TEXTILE FABRICATION CORE SKILLS

ID	Ver	Title	Level	Credits
1320	6	Repair damaged product in the industrial textile fabrication industry	3	6
1324	6	Determine permeability and flame retardancy of materials used in industrial textile fabrication	4	3
1325	6	Establish product design and job specifications for industrial textile fabrication	4	12
1326	6	Develop and make up patterns in the industrial textile fabrication industry	4	6
1327	6	Estimate job costs and quote to customer for industrial textile fabrication products	4	9
5021	5	Produce detailed design drawings for industrial textile fabrication products	4	6
5022	5	Identify and confirm job specifications in the industrial textile fabrication industry	3	2
11806	4	Make and repair a boat cockpit canopy and side curtains	4	10
14145	3	Identify, remove, and fit zips in the industrial textile fabrication industry	3	3
16704	2	Interpret sketches and construct geometric shapes for industrial textile fabrication production	4	2
23478	1	Carry out personal workplace requirements in the industrial textile fabrication industry	2	5
23479	1	Demonstrate knowledge of tools and equipment used in the industrial textile fabrication industry	2	3
23480	1	Select and use tools and workshop equipment in the industrial textile fabrication industry	3	6
23481	1	Demonstrate knowledge of seaming and finishing in the industrial textile fabrication industry	3	2
23482	1	Perform seaming and finishing operations in the industrial textile fabrication industry	3	7
23483	1	Demonstrate knowledge of reinforcements and attachments used in the industrial textile fabrication industry	3	2

ID	Ver	Title	Level	Credits
23484	1	Fit reinforcements and attachments used in the industrial textile fabrication industry	3	7
23485	1	Demonstrate knowledge of packing and presenting product on completion of industrial textile fabric product work	2	2
23486	1	Pack and present product on completion of industrial textile fabric product work	2	2
23487	1	Demonstrate knowledge of measuring and marking material, and making templates for industrial textile fabrication	3	3
23488	1	Identify job details, and measure and mark out material for industrial textile fabrication	3	6
23489	1	Demonstrate knowledge of sewing machines used in the industrial textile fabrication industry	3	2
23490	1	Operate a sewing machine in the industrial textile fabrication industry	3	10
23491	1	Demonstrate knowledge of hand sewing materials in the industrial textile fabrication industry	3	2
23492	1	Hand sew materials and finish rope work in the industrial textile fabrication industry	3	5
23493	1	Demonstrate knowledge of the cutting and shaping of materials in the industrial textile fabrication industry	3	2
23494	1	Cut and shape material in the industrial textile fabrication industry	3	7
23495	1	Demonstrate knowledge of materials used in the industrial textile fabrication industry	3	4
23496	1	Demonstrate knowledge of freehand sketching and geometric shapes, and draw to scale for industrial textile fabrication	3	5
23497	1	Demonstrate knowledge of zips used in the industrial textile fabrication industry	3	2
23498	1	Demonstrate knowledge of computer aided design (CAD) in the industrial textile fabrication industry	3	2
23499	1	Demonstrate knowledge of fabric welding in the industrial textile fabrication industry	3	4
23500	1	Operate a high frequency welding machine in the industrial textile fabrication industry	3	4
23501	1	Operate a hot air welder in the industrial textile fabrication industry	3	4
23502	1	Operate a hot wedge welder in the industrial textile fabrication industry	3	4
23503	1	Demonstrate knowledge of developing patterns in the industrial textile fabrication industry	4	2
23504	1	Describe adhesives, solvents, and hazardous materials used in the industrial textile fabrication industry	3	3
23505	1	Use adhesives, solvents, and hazardous materials in the industrial textile fabrication industry	3	3
23506	1	Demonstrate knowledge of quality control standards in the industrial textile fabrication industry	3	2
23507	1	Apply quality standards in the industrial textile fabrication industry	4	4
23508	1	Demonstrate knowledge of industrial textile fabrication materials for performance requirements	4	6
23509	1	Select industrial textile fabrication materials to meet performance requirements	4	7
23510	1	Demonstrate knowledge of establishing product design and job specifications for industrial textile fabrication	4	2
23511	1	Design, measure, and make a selection of articles in the industrial textile fabrication industry	4	10
23512	1	Demonstrate knowledge of quality concepts in the industrial textile fabrication industry	4	4
23513	1	Demonstrate knowledge of job specifications for the industrial textile fabrication industry	3	2
23514	1	Demonstrate knowledge of legislation and safe work practices in the industrial textile fabrication industry	3	4

MANUFACTURING > INDUSTRIAL TEXTILE FABRICATION > SAILMAKING

ID	Ver	Title	Level	Credits
11801	4	Modify and test a sail in the sailmaking industry	4	15
11802	5	Demonstrate knowledge of boat rigging in the sailmaking industry	2	4
11803	5	Make and fit patches to sails in the sailmaking industry	2	5
11804	4	Measure, mark out, and make covers in the sailmaking industry	3	10
11805	4	Repair a damaged sail in the sailmaking industry	3	8
11807	4	Identify job requirements, draw a scale plan, and make a sail pattern in the sailmaking industry	4	8
11808	4	Identify requirements and design a sail in the sailmaking industry	5	20
11809	4	Measure, mark out, and cut material for sail production in the sailmaking industry	3	12
11810	4	Assemble and stick sail panels together in the sailmaking industry	4	16
11811	4	Carry out second layout measurement check and trim in the sailmaking industry	4	15
11812	4	Sew materials in the sailmaking industry	3	8
11813	4	Hand work materials in the sailmaking industry	3	15
11814	4	Set up and cut materials using a computerised plot cutter in the sailmaking industry	3	5
23519	1	Demonstrate knowledge of the sail construction process in the sailmaking industry	3	4

MANUFACTURING > INDUSTRIAL TEXTILE FABRICATION > VEHICLE TRIMMING AND UPHOLSTERY

ID	Ver	Title	Level	Credits
8304	4	Design and make motor vehicle seats	4	10
8305	4	Use and maintain an overlocker in the vehicle trimming and related industries	3	4
8310	4	Re-cover and repair a damaged vehicle dash panel	4	4
8311	4	Carry out vehicle trimming carpentry requirements, and make and fit a vehicle interior trim panel	4	4
8312	4	Make and repair a convertible top and side curtains for a vehicle	4	10
8313	4	Repair damaged vinyl by welding in the vehicle trimming industry	4	3
8318	5	Make buttons and carry out buttoning in the vehicle trimming and related industries	2	1
8319	4	Identify damage, write a job sheet, and prepare an estimate and quotation for vehicle trimming	5	7
8321	5	Make and fit a lumbar support for a motor vehicle seat and rectify a damaged mechanical lumbar support	3	2
23520	1	Demonstrate knowledge of motor vehicle seats in the vehicle trimming industry	3	2
23521	1	Repair motor vehicle seats in the vehicle trimming industry	3	6
23522	1	Demonstrate knowledge of squabs, cushions, and buttons for a motor vehicle seat	3	2
23523	1	Make and fit a squab and cushion cover for a motor vehicle seat	3	4
23524	1	Demonstrate knowledge of pleating, fluting, piping, and quilting in the vehicle trimming and related industries	3	2
23525	1	Carry out pleating, fluting, piping, and quilting in the vehicle trimming and related industries	3	3
23526	1	Demonstrate knowledge of underlay and carpet in the vehicle trimming industry	3	2
23527	1	Make, fit, and repair vehicle underlay and carpet	3	4
23528	1	Demonstrate knowledge of vehicle headlinings in the vehicle trimming industry	3	4
23529	1	Make, repair, and fit a vehicle material headlining	3	6
23530	1	Remove, repair, and refit a vehicle moulded headlining	3	4
23531	1	Demonstrate knowledge of seals, welts, edge trims, and rubbers in the vehicle trimming industry	3	2
23532	1	Remove and replace seals, welts, edge trims, and rubbers; and adjust seals and rubbers in the vehicle trimming industry	3	3

MANUFACTURING > OUTDOOR FABRIC PRODUCTS > LEATHER GOODS MANUFACTURE

ID	Ver	Title	Level	Credits
14144	3	Select leather quality, and assess the usability of leather for costing purposes	4	8

MANUFACTURING > TEXTILES MANUFACTURE > CORE YARN PROCESSING

ID	Ver	Title	Level	Credits
23559	1	Investigate and solve complex problems in apparel or textile manufacturing	5	15
23560	1	Demonstrate knowledge of production scheduling and process monitoring in the apparel or textile industry	5	15
23561	1	Design and compile a quality specification for an apparel or textile product	5	10

MANUFACTURING > TEXTILES MANUFACTURE > TEXTILE DYEING AND FINISHING

ID	Ver	Title	Level	Credits
5376	6	Demonstrate knowledge of textile dye selection and use	5	25

PLANNING AND CONSTRUCTION > CONSTRUCTION TRADES > ARCHITECTURAL ALUMINIUM JOINERY

ID	Ver	Title	Level	Credits
23740	1	Demonstrate knowledge of legislation, standards, and guidelines for the manufacture of aluminium joinery products	3	6

PLANNING AND CONSTRUCTION > CONSTRUCTION TRADES > FLOORING

ID	Ver	Title	Level	Credits
9781	4	Remove existing flooring surface material	3	8
10846	4	Repair soft coverings in the flooring industry	4	6
10849	4	Repair wood flooring	4	6
10850	4	Repair resilient floor coverings	4	6
16994	3	Maintain and store flooring equipment	2	5
16995	3	Prepare composite substrate for floorcoverings	3	8
16996	3	Prepare concrete substrate for floorcoverings	3	12
16997	3	Install cork flooring products	3	15
16998	3	Install resilient sheet floorcoverings	4	35
16999	3	Install resilient coverings on walls	4	15
17000	3	Install resilient sheet for wet areas in the flooring industry	4	15
17001	3	Install resilient tiles in the flooring industry	3	15
17002	3	Prepare wood substrates for floorcoverings	3	12
17003	3	Maintain and store flooring handtools	2	5
17004	3	Install carpet by conventional method	4	25
17005	3	Install carpet by adhesive methods	3	8
17006	3	Install soft coverings on walls	3	6
17007	3	Fine sand and apply finishes in the flooring industry	4	30
17008	3	Demonstrate knowledge of the characteristics of adhesives used in the flooring industry	4	12
17009	3	Produce a scale plan of flooring worksite in the flooring industry	3	8
17010	3	Quantify flooring products from supplied information	4	12
17011	3	Install laminated wood flooring overlays	4	20
17012	3	Install solid wood flooring overlays	4	35
17013	3	Assess moisture content of substrates in the flooring industry	4	8
17018	3	Provide advice on the care and maintenance of floorcoverings	3	3
17019	3	Examine and evaluate substrate in the flooring industry	4	12
17020	3	Demonstrate knowledge of cork flooring products	3	8
17021	3	Demonstrate knowledge of wood flooring products	3	8
17022	3	Demonstrate knowledge of soft flooring products	3	8
17023	3	Demonstrate knowledge of resilient flooring products	3	8
21021	2	Carry out flooring industry personal workplace requirements	2	5
23272	1	Demonstrate knowledge of the legislation and regulatory standards used in the flooring industry	2	3

ID	Ver	Title	Level	Credits
23273	1	Prepare quotations for residential flooring jobs	3	4
23275	1	Identify flooring design trends	3	3
23276	1	Demonstrate knowledge of the composition of timber and concrete substrates in the flooring industry	2	2
23277	1	Demonstrate knowledge of installation methods in the flooring industry	2	4

SERVICE SECTOR > AVIATION > AIRCRAFT OPERATION

ID	Ver	Title	Level	Credits
23424	1	Demonstrate knowledge and use of flight radiotelephony for private aircraft operations	3	3
23425	1	Demonstrate knowledge of human factors for private aircraft operations	3	5
23426	1	Demonstrate knowledge of air navigation and flight planning for private aircraft operations	3	5
23427	1	Demonstrate knowledge of air law for private aircraft operations	3	5
23428	1	Demonstrate knowledge of meteorology for private aircraft operations	3	5
23429	1	Demonstrate flying skills for a private pilot's licence (aeroplane)	4	6
23430	1	Demonstrate flying skills for a private pilot's licence (rotary)	4	6
23431	1	Demonstrate aircraft technical knowledge and principles of flight for private aircraft operations	3	10
23432	1	Demonstrate helicopter technical knowledge and principles of flight for private helicopter operations	3	10
23433	1	Demonstrate flying skills to enable first solo flight	4	4
23434	1	Demonstrate instrument flying skills for a private pilot's licence	4	2
23435	1	Demonstrate cross-country navigation skills for a private pilot's licence	4	3

SERVICE SECTOR > CLEANING AND CARETAKING > CLEANING SERVICES ADMINISTRATION

ID	Ver	Title	Level	Credits
19910	2	Give oral instructions in the cleaning industry to people who speak English as a second language	3	4
19911	2	Administer workplace operations in the cleaning industry	4	7

SERVICE SECTOR > HOSPITALITY > COOKERY

ID	Ver	Title	Level	Credits
22885	1	Demonstrate knowledge of preparing food for residential care catering	2	4
22886	1	Demonstrate knowledge of preparing menus for residential care catering	3	6
22887	1	Supervise and monitor standards of catering operations in residential care catering	4	10

Revised and Rolled Over standards in March 2007

COMPUTING AND INFORMATION TECHNOLOGY > COMPUTING > COMPUTER SUPPORT

ID	Ver	Title	Level	Credits
6852	6	Describe data communications	4	4
6853	6	Describe computer cabling	4	4
18744	3	Evaluate comparable multi-user computer applications for organisation use	3	3
18750	3	Produce a simple electronic training package for organisation use	3	5
18751	3	Produce a computer manual or technical document for organisation use	3	5
18752	3	Describe and recommend internal components suitable for a single user personal computer	2	2
18753	3	Recommend hardware for a single user personal computer and peripherals for organisation use	3	5
18755	3	Identify and resolve users' minor computer problems	3	5

ENGINEERING AND TECHNOLOGY > DESIGN > DESIGN - GRAPHIC COMMUNICATION

ID	Ver	Title	Level	Credits
7484	4	Produce and deliver a multi-media presentation	4	5
7497	5	Write a design brief and specifications	4	4
7517	5	Produce architectural, structural, and interior design drawings	4	6
7518	5	Produce promotional and marketing graphics	4	6
7519	5	Produce engineering, technological, and systems drawings for graphic communication	4	6
7520	5	Develop a graphic image to promote a product or service	4	5

ENGINEERING AND TECHNOLOGY > TECHNOLOGY > MATERIALS TECHNOLOGY

ID	Ver	Title	Level	Credits
7533	5	Process materials for alternative or new uses	4	6
7534	5	Produce product components using computer-aided machining (CAM) in materials technology	3	6

ENGINEERING AND TECHNOLOGY > TECHNOLOGY > PROCESS TECHNOLOGY

ID	Ver	Title	Level	Credits
7544	5	Apply project management planning practices in process technology	4	5

ENGINEERING AND TECHNOLOGY > TECHNOLOGY > SYSTEMS TECHNOLOGY

ID	Ver	Title	Level	Credits
7551	5	Modify an existing system of control and investigate its market potential for systems technology	4	6
7552	5	Create, and investigate market potential of, an electronic product for systems technology	4	6

HUMANITIES > RELIGIOUS STUDIES > UNDERSTANDING RELIGION

ID	Ver	Title	Level	Credits
9821	5	Describe, compare, and discuss the effectiveness of foundational beliefs of selected worldviews	4	4
9822	5	Analyse and describe a range of worldviews and explain their consequences	5	5

MANUFACTURING > ENERGY AND CHEMICAL PLANT > OPERATION OF ENERGY AND CHEMICAL PLANT

ID	Ver	Title	Level	Credits
21459	3	Demonstrate knowledge of pipework and fittings in the energy and chemical industry	2	4
21463	3	Operate and monitor a boiler up to 20 MW	2	6

MANUFACTURING > FOOD AND RELATED PRODUCTS PROCESSING > BAKING - PASTRY

ID	Ver	Title	Level	Credits
14728	3	Form and cut pastry doughs using manual production methods	2	6

MANUFACTURING > MANUFACTURING SKILLS > MANUFACTURING PROCESSES

ID	Ver	Title	Level	Credits
19508	3	Operate Computer Numerical Controlled (CNC) Machinery for metal processing	3	6

MANUFACTURING > PRINTING > PRINTING PRODUCTION

ID	Ver	Title	Level	Credits
18247	2	Assist machine operator to cut and crease substrates for printing production	2	8
20058	2	Demonstrate understanding of trade calculations for printing	2	5

MANUFACTURING > TEXTILES MANUFACTURE > CARPET MANUFACTURE

ID	Ver	Title	Level	Credits
7185	5	Handle and store yarns	3	12
7186	5	Handle and move materials in a carpet manufacturing plant	2	4
7187	5	Prepare and break down a carpet tufting or beaming creel	2	10
7188	5	Load beams with pile yarn or warp yarn	3	12
7189	5	Adjust carpet tufter to produce carpet of specified pile weight	4	10
7190	5	Tuft plain carpet	3	20
7191	5	Tuft multi-level cut and/or loop pile carpet	4	5
7192	5	Tuft carpet on a graphics tufter	4	10
7193	5	Tuft carpet on an enhanced graphics tufter	4	15
7194	5	Tune and maintain cut pile and loop pile carpet tufters for single pile height operation	5	50
7195	5	Tune and maintain multi-height carpet tufters for operation	5	15
7196	5	Tune enhanced graphics carpet tufters for operation	5	15
7197	5	Inspect and mend plain unbacked tufted carpet	3	20
7198	5	Inspect and mend patterned unbacked tufted carpet	4	10
7199	5	Shear carpet	3	20
7200	5	Set up and maintain a carpet shearing machine	5	10
7201	5	Perform quality tests on unbacked tufted carpet	3	8
7202	5	Prepare carpet backing latex for use	4	12
7203	5	Process tufted carpet on a backing line	4	25
7204	5	Identify faults and grade finished tufted carpet	5	25
7205	5	Set spools for spool axminster carpet weaving	3	16
7206	5	Thread spools for spool axminster carpet weaving	2	8
7207	5	Prepare jacquard cards for carpet manufacture	2	12
7208	5	Weave carpet on a spool axminster carpet weaving machine	3	20
7209	5	Tune and maintain a spool axminster carpet weaving machine	4	50
7210	5	Manage a gripper axminster carpet creel and monitor weaving	3	16
7211	5	Weave carpet on a gripper axminster carpet weaving machine	4	10
7212	5	Tune and maintain a gripper axminster carpet weaving machine	4	50
7213	5	Manage a wilton carpet creel and monitor weaving	3	16
7214	5	Weave carpet on a wilton carpet weaving machine	4	10
7215	5	Tune and maintain a wilton carpet weaving machine	4	50
7216	5	Brush and beat woven carpet	2	4
7217	5	Identify and mend faults in woven carpet	3	24
7218	5	Backsize woven carpet	2	4
7219	5	Identify faults in finished woven carpet	3	20
7220	5	Perform quality tests on backed and unbacked woven carpet	3	16
7221	5	Roll and wrap carpet	2	4
7222	5	Store carpet in a carpet warehouse	3	8
7223	5	Prepare carpet sales samples	2	12
7224	5	Prepare peg board carpet samples by hand	2	8
7225	5	Maintain production carpet yarn reference and sample library	3	8
7239	5	Perform quality tests on backed and finished tufted carpet	3	8
8958	5	Demonstrate elementary knowledge of carpet manufacture	2	8
19778	2	Manage carpet on a roll up system	4	8

MANUFACTURING > TEXTILES MANUFACTURE > CORE YARN PROCESSING

ID	Ver	Title	Level	Credits
4194	6	Wind yarn	2	5
4195	6	Set up a winding machine to wind yarn	3	8

SERVICE SECTOR > CLEANING AND CARETAKING > CLEANING SERVICES ADMINISTRATION

ID	Ver	Title	Level	Credits
1575	6	Negotiate and schedule cleaning contracts	4	10
17271	4	Select mechanical cleaning equipment	4	4

ID	Ver	Title	Level	Credits
17272	4	Trial and evaluate mechanical cleaning equipment	4	4
17273	4	Trial and evaluate cleaning agents	4	4
17274	4	Select cleaning agents and products	4	4

SERVICE SECTOR > CRANES > CRANE OPERATION

ID	Ver	Title	Level	Credits
3795	5	Configure mobile crane and lift and place loads	4	22

Expiring standards in March 2007

ENGINEERING AND TECHNOLOGY > AERONAUTICAL ENGINEERING > AERONAUTICAL ARMAMENT

ID	Ver	Title	Level	Credits
17642	2	Assemble and disassemble aircraft gun ammunition	3	2
17644	2	Assemble and disassemble aircraft countermeasure stores	3	2
17646	2	Assemble and disassemble aircraft rockets	3	3
17648	2	Load and unload, arm and disarm aircraft fixed forward firing guns	3	3
17653	2	Load and unload, arm and disarm aircraft rockets	3	2
17655	2	Maintain aircraft fixed forward firing gun systems	4	8
17661	2	Maintain aircraft rocket launching systems	4	5
17664	2	Repair and/or overhaul aircraft gun system components	4	10

ENGINEERING AND TECHNOLOGY > AERONAUTICAL ENGINEERING > AIRCRAFT STRUCTURES

ID	Ver	Title	Level	Credits
4035	4	Fabricate and/or repair aeronautical components by welding	5	8

ENGINEERING AND TECHNOLOGY > CIVIL ENGINEERING > CIVIL ENGINEERING - ASSET MANAGEMENT (EXPIRING)

ID	Ver	Title	Level	Credits
17303	3	Specify requirements for civil engineering infrastructure asset data management	6	6
17304	3	Analyse civil engineering infrastructure asset management data	6	8

ENGINEERING AND TECHNOLOGY > MECHANICAL ENGINEERING > FIXED FIRE PROTECTION SYSTEMS

ID	Ver	Title	Level	Credits
9366	3	Pre-commission water based special hazard fixed fire protection systems	4	9
9367	3	Pre-commission non water based special hazard fixed fire protection systems	4	10
9368	3	Pre-commission conventional fixed fire protection systems	4	16
9370	4	Commission water based special hazards fixed fire protection systems	4	7
9371	3	Commission non water based special hazards fixed fire protection systems	4	7
9373	3	Service water based special hazard fixed fire protection systems	5	8
9374	3	Service non water based special hazard fixed fire protection systems	5	11
9376	3	Test special hazards fixed fire protection systems	4	16
9377	3	Test conventional fixed fire protection systems	4	10
9378	3	Survey conventional fixed fire protection systems	5	26

ENGINEERING AND TECHNOLOGY > MECHANICAL ENGINEERING > HAND OPERATED FIRE FIGHTING EQUIPMENT

ID	Ver	Title	Level	Credits
9014	4	Install hand operated fire extinguishers and ancillary equipment	2	11
9017	4	Proof test fire extinguisher cylinders	3	11
9018	4	Stretch test fire extinguisher cylinders	4	16
9019	4	Install and maintain fire hose reels	3	12

ID	Ver	Title	Level	Credits
17737	2	Service, maintain, and recharge hand operated fire fighting equipment on site	3	12
17738	2	Service, maintain, and recharge hand operated fire fighting equipment in a workshop	3	16

ENGINEERING AND TECHNOLOGY > MOTOR INDUSTRY > MOTOR TRIMMING (EXPIRING)

ID	Ver	Title	Level	Credits
8298	5	Identify, use, and maintain tools and equipment in the motor trimming industry	2	2
8299	4	Identify, use, and store materials, and make a template, in the motor trimming industry	3	3
8300	4	Repair a seat in the motor trimming industry	3	6
8301	4	Make a back rest and base cover for a vehicle seat	3	5
8302	4	Carry out pleating, fluting, piping, and quilting operations in the motor trimming industry	3	6
8303	4	Make, fit, and repair underlay and carpet in the motor trimming industry	3	4
8306	4	Design and make a pattern, interpret drawings, plan a job, and write a job specification	4	6
8307	4	Identify and fit a zip in the motor trimming industry	3	2
8308	4	Make, repair, and fit a vehicle material headlining	3	6
8309	4	Remove, repair, and refit a vehicle moulded headlining	3	4
8314	4	Make and fit a tonneau and hood cover in the motor trimming industry	3	4
8315	4	Make and fit a range of protective covers in the motor trimming industry	3	4
8316	4	Make and fit a vinyl roof for a vehicle in the motor trimming industry	4	4
8317	4	Make and fit a squab in the motor trimming industry	3	4
8320	4	Fit a range of vehicle accessories in the motor trimming industry	3	2
8322	4	Remove, replace, and adjust, seals, welts, edge trims and rubbers in the motor trimming industry	3	3

MANUFACTURING > OUTDOOR FABRIC PRODUCTS > CANVAS FABRICATION (EXPIRING)

ID	Ver	Title	Level	Credits
1314	7	Operate hand tools and machines used in canvas fabrication	2	6
1315	6	Handle and identify materials used in canvas fabrication	3	3
1316	6	Perform seaming and finishing operations in canvas fabrication	3	12
1317	7	Pack and present product on completion of canvas fabrication	2	3
1318	6	Measure, mark out and cut material for production by canvas fabrication	3	6
1319	6	Set lockstitch sewing machine for canvas fabrication	3	4
1321	6	Apply quilting and fluting to canvas fabrication	3	3
1322	6	Operate textile welding machine used in canvas fabrication	3	6
1323	6	Select materials for performance requirements of canvas fabrication	4	12
5023	5	Produce a scale model and cost an article from detailed drawings for outdoor canvas fabrication production	4	12

MANUFACTURING > OUTDOOR FABRIC PRODUCTS > SAILMAKING (EXPIRING)

ID	Ver	Title	Level	Credits
11800	4	Carry out calculations in the sailmaking industry	3	4

PLANNING AND CONSTRUCTION > CONSTRUCTION TRADES > ARCHITECTURAL ALUMINIUM JOINERY

ID	Ver	Title	Level	Credits
552	3	Demonstrate knowledge of aluminium joinery industry standards and legislation	4	12

PLANNING AND CONSTRUCTION > CONSTRUCTION TRADES > FLOORING

ID	Ver	Title	Level	Credits
10848	4	Repair cork flooring	4	6
17381	3	Quantify flooring products for fine sand and finishes from information supplied by customer	4	10

SERVICE SECTOR > AVIATION > AIRCRAFT OPERATION

ID	Ver	Title	Level	Credits
15030	3	Demonstrate knowledge and use of flight radio for pilots	2	3
15031	3	Demonstrate knowledge of human factors for visual flight of single pilot aircraft	2	3
15032	3	Demonstrate knowledge of navigation and flight planning for private aircraft operations	2	5
15033	3	Demonstrate technical knowledge of piston engined aircraft used in private aircraft operations	2	5
15034	3	Demonstrate knowledge of air law for private aircraft operations	2	5
15035	3	Demonstrate knowledge of principles of flight and performance for private aircraft operations	2	5
15036	3	Demonstrate knowledge of meteorology for private aircraft operations	2	3
16319	3	Demonstrate flying skills for a private pilot's licence	4	7