

## R0226 - Framework Developments - All SSBs

01 October 2015 to 31 October 2015

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*Framework Developments* is a report listing the new, reviewed and expiring standards, qualifications and Consent and Moderation Requirement documents registered on the Framework in the period specified above.

The following abbreviations are used in the tables that follow.

New/Reg	New Registration
Rvw-New/Reg	New Registration following a Review (Qualifications only)
Rvw/Reg	Review and Reregistration
Rvw/Expg	Review and Expiry
Rvsn/Reg	Revision of Registered items
Rvsn/Expg	Revision of Expiring items
Roll/Reg	Rollover of Registered items
Roll/Expg	Rollover of Expiring items
R&R/Reg	Rollover & Revision of Registered items
R&R/Expg	Rollover & Revision of Expiring items
Reinst/Reg	Reinstatement and Reregistration
Reinst/Expg	Reinstatement and Expiry

## Building and Construction Industry Training Organisation - 101562

### Standards

#### Manufacturing > Glass and Glazing > Automotive Reglazing

ID	Ver	Title	Lvl	Crd	Grade	Process
22349	4	Remove and install framed automotive glass	3	6	Credit	Roll/Exp
26081	3	Remove and install rubber fitted automotive glass	3	6	Credit	Roll/Exp

#### Manufacturing > Glass and Glazing > Flat Glass

ID	Ver	Title	Lvl	Crd	Grade	Process
2045	7	Install, glass to glass and/or metal with structural silicone glazing	4	5	Credit	Roll/Exp
20497	4	Work safely in the glass and glazing industry	2	3	Credit	Roll/Exp
20498	4	Use safe work practices to handle, store, and move glass manually	2	4	Credit	Roll/Exp
20499	5	Use safe work practices to handle glass with overhead mechanical handling systems	3	4	Credit	Roll/Exp
20506	4	Cut glass to regular shapes manually	3	12	Credit	Roll/Exp
20507	4	Cut glass to irregular shapes manually	3	12	Credit	Roll/Exp
20511	4	Cut glass to regular shapes manually on-site	3	3	Credit	Roll/Exp
20513	4	Edgework glass with edgeworking machines	4	8	Credit	Roll/Exp
20515	4	Install glass in timber joinery	4	5	Credit	Roll/Exp
20516	4	Install glass in metal frames	4	5	Credit	Roll/Exp
20517	4	Install glass in aluminium and Polyvinyl Chloride (PVC) joinery	4	6	Credit	Roll/Exp
20521	4	Install structural glass assemblies	4	6	Credit	Roll/Exp
20522	4	Edgework glass manually	3	2	Credit	Roll/Exp
26031	3	Demonstrate knowledge of solar control, specialist coated glass, and glazing systems	3	4	Credit	Rvw/Reg
26032	3	Demonstrate knowledge of edgeworking glass manually	2	2	Credit	Roll/Exp
26033	3	Demonstrate knowledge of installing glass with structural silicone glazing	2	2	Credit	Roll/Exp
26034	3	Cut glass to irregular shapes manually on-site	3	4	Credit	Roll/Exp
26485	3	Optimise cutting of glass	3	6	Credit	Roll/Exp

#### Manufacturing > Glass and Glazing > General Glass and Glazing

ID	Ver	Title	Lvl	Crd	Grade	Process
19619	4	Demonstrate knowledge of plastics used in glazing	2	2	Credit	Rvw/Reg
25397	3	Demonstrate knowledge of the implications of legislation and standards applicable to the glass industry	2	8	Credit	Roll/Exp

#### Manufacturing > Joinery > Joinery Machining

**Manufacturing > Joinery > Joinery Machining continued...**

<b>ID</b>	<b>Ver</b>	<b>Title</b>	<b>Lvl</b>	<b>Crd</b>	<b>Grade</b>	<b>Process</b>
17138	6	Use and maintain portable power tools in joinery work	3	5	Credit	Roll/Expg

**Manufacturing > Joinery > Stairs and Other Joinery Trade Skills**

<b>ID</b>	<b>Ver</b>	<b>Title</b>	<b>Lvl</b>	<b>Crd</b>	<b>Grade</b>	<b>Process</b>
2550	9	Use hand tools for joinery and related trades	2	6	Credit	Roll/Expg

**Planning and Construction > Construction Trades > Architectural Aluminium Joinery**

<b>ID</b>	<b>Ver</b>	<b>Title</b>	<b>Lvl</b>	<b>Crd</b>	<b>Grade</b>	<b>Process</b>
23740	4	Demonstrate knowledge of legislation, standards, and guidelines for the manufacture of aluminium joinery products	3	6	Credit	Roll/Expg

## Competenz - 101571

### Qualifications

Ref	Ver	Title	Lvl	Process
0151	6	National Certificate in Textiles Manufacture (Fibre Blending) (Level 4) with strands in Woollen Processing, and Semi-Worsted and Worsted Processing	4	Rvw/Curr
0154	6	National Certificate in Textiles Manufacture (Woven Fabric Technology) (Level 5) with strands in Weaving Technology, and Finishing Technology	5	Rvw/Curr
0181	7	National Certificate in Textile Dyeing and Finishing (Dyeing Technology) (Level 4) with strands in Shade Assessment and Measurement, and Chemical Preparation	4	Rvw/Curr
0186	6	National Certificate in Textile Dyeing and Finishing (Operations) (Level 2) with strands in Dyeing, Finishing, and Printing	2	Rvw/Curr
0269	6	National Certificate in Meat Retailing (Carcass Processing)	4	Rvw/Curr
0270	6	National Certificate in Meat Retailing (Curing, Smoking and Smallgoods Manufacture)	3	Rvw/Curr
0278	3	National Certificate in Carpet Manufacture (Advanced Carpet Tufting) (Level 4)	4	Rvw/Curr
0280	5	National Certificate in Carpet Manufacture (Carpet Tufter Tuning) (Level 5 with an optional strand in Tuning of Multi-height and Enhanced Graphics Tufters	5	Rvw/Curr
0282	4	National Certificate in Carpet Manufacture (Carpet Weaving) (Level 3) with strands in Wilton Weaving, Spool Axminster Weaving, and Gripper Axminster Weaving	3	Rvw/Curr
0283	4	National Certificate in Carpet Manufacture (Tufted Carpet Finishing) (Level 4)	4	Rvw/Curr
0284	4	National Certificate in Carpet Manufacture (Tufted Carpet Inspection and Grading) (Level 4)	4	Rvw/Curr
0285	4	National Certificate in Carpet Manufacture (Woven Carpet Finishing and Inspection) (Level 3)	3	Rvw/Curr
0286	2	National Certificate in Carpet Manufacture (Woven Carpet Loom Tuning) (Level 4)	4	Rvw/Curr
0288	6	National Certificate in Textile Dyeing and Finishing (Advanced Operations) (Level 3)	3	Rvw/Curr
0394	9	National Certificate in Plastics Processing Technology (Technical) (Level 2) with strands in Injection Moulding, Extrusion, Blow Moulding, Pressure Thermoforming, Vacuum Thermoforming, Blown Film Extrusion, Film Conversion, Injection Stretch-Blow Moulding, Rotational Moulding, Film Slitting, and Expanded Polystyrene Moulding	2	Rvw/Curr
0395	9	National Certificate in Plastics Processing Technology (Technical) (Level 3) with strands in Injection Moulding, Extrusion, Extrusion Blow Moulding, Pressure Thermoforming, Vacuum Thermoforming, Blown Film Extrusion, Film Conversion, Injection Stretch-Blow Moulding, Rotational Moulding, and Expanded Polystyrene Moulding	3	Rvw/Curr
0396	9	National Certificate in Plastics Processing Technology (Technical) (Level 4) with strands in Injection Moulding, Extrusion, Extrusion Blow Moulding, Thermoforming, Blown Film Extrusion, Injection Stretch-Blow Moulding Single Stage, Injection Stretch-Blow Moulding Two Stage, and Rotational Moulding	4	Rvw/Curr
0838	4	National Certificate in Industrial Machine Knitting (Operation) (Level 2)	2	Rvw/Curr
0839	4	National Certificate in Industrial Machine Knitting (Knitted Goods Production) (Level 3)	3	Rvw/Curr
0840	4	National Certificate in Industrial Machine Knitting (Service and Repair) (Level 3)	3	Rvw/Curr

Ref	Ver	Title	Lvl	Process
1121	5	National Certificate in Textiles Manufacture (Operations) (Level 2)	2	Rvw/Curr
1122	4	National Certificate in Textiles Manufacture (Advanced Operations) (Level with strands in Textile Processing, and Textile Testing	3	Rvw/Curr
1213	3	National Certificate in Meat Retailing (Forecasting, Purchasing and Production)	4	Rvw/Curr
1215	3	National Certificate in Competitive Manufacturing with strands in Introductory Application, and Technical Application	2-3	Rvw/Curr
1216	3	National Certificate in Competitive Manufacturing (Level 4) with an optional strand in Facilitation	4	Rvw/Curr
1277	3	National Certificate in Carpet Manufacture (Operations) (Level 2)	2	Rvw/Curr
1278	2	National Certificate in Carpet Manufacture (Advanced Operations) (Level 3)	3	Rvw/Curr
1361	3	National Certificate in Plastics Processing Technology (Production) (Level 1) with strands in General, Injection Moulding, Extrusion, Extrusion Blow Moulding, Thermoforming, Blown Film Extrusion, Film Conversion, Injection Stretch-Blow Moulding, Rotational Moulding, Film Slitting, and Expanded Polystyrene Moulding	1	Rvw/Curr
1362	2	National Certificate in Plastics Processing Technology (Production) (Level 2) with strands in General, Injection Moulding, Extrusion, Blow Moulding, Pressure Thermoforming, Vacuum Thermoforming, Blown Film Extrusion, Film Conversion, Injection Stretch-Blow Moulding, Rotational Moulding, Expanded Polystyrene Moulding, and Polystyrene Pre-expansion	2	Rvw/Curr
1363	2	National Certificate in Plastics Processing Technology (Production) (Level 3) with strands in General, and Expanded Polystyrene Moulding	3	Rvw/Curr
1582	3	National Certificate in Meat Retail Butchery (Cabinet and Shelf Ready)	3	Rvw/Curr
1583	3	National Certificate in Meat Retailing with strands in Consumer Ready, and Meat Packing	2	Rvw/Curr
1584	3	National Certificate in Meat Retail Butchery (Introductory)	2	Rvw/Curr
1585	3	National Certificate in Meat Retail Butchery (Advanced) (Level 4) with an optional strand in Curing, Smoking and Smallgoods Manufacture	4	Rvw/Curr
1596	2	National Certificate in Plastics Materials (Level 5)	5	Rvw/Curr
0152	6	National Diploma in Textiles Manufacture (Weaving) (Level 5)	5	Rvw/Curr
0153	6	National Diploma in Textiles Manufacture (Woollen Yarn Processing) (Level 5)	5	Rvw/Curr
0182	6	National Diploma in Textile Dyeing and Finishing (Advanced Dyeing Technology) (Level 5)	5	Rvw/Curr
1142	2	National Diploma in Textiles Manufacture (Level 5)	5	Rvw/Curr
1458	2	National Diploma in Competitive Manufacturing	5	Rvw/Curr
1552	2	National Diploma in Industrial Machine Knitting (Level 5)	5	Rvw/Curr
1597	2	National Diploma in Plastics Processing Technology (Level 5)	5	Rvw/Curr
1739	2	National Diploma in Textiles Manufacture (Carding Technician) (Level 5)	5	Rvw/Curr

## Standards

### Engineering and Technology > Mechanical Engineering > Dairy Systems Engineering

ID	Ver	Title	Lvl	Crd	Grade	Process
29158	1	Demonstrate knowledge of basic hydraulic theory for rural fluid systems	3	2	Credit	New/Reg

**Engineering and Technology > Mechanical Engineering > Dairy Systems Engineering continued...**

ID	Ver	Title	Lvl	Crd	Grade	Process
29159	1	Demonstrate knowledge of farm water reticulation design methods	4	5	Credit	New/Reg
29160	1	Apply knowledge of design methods to design a farm water reticulation system	4	10	Credit	New/Reg
29161	1	Demonstrate knowledge of farm dairy effluent hydraulic design methods	4	5	Credit	New/Reg
29162	1	Apply knowledge of hydraulic design methods to design a farm dairy effluent system	4	10	Credit	New/Reg
29163	1	Demonstrate knowledge of pumps and pump selection for rural systems	4	6	Credit	New/Reg
29164	1	Install farm plant and equipment	4	10	Credit	New/Reg

**Engineering and Technology > Mechanical Engineering > Fire Detection and Alarm Systems**

ID	Ver	Title	Lvl	Crd	Grade	Process
23258	2	Demonstrate knowledge of fire detection and alarm systems and installation practices	3	20	Credit	Rvw/Reg
23259	2	Demonstrate knowledge of checking and testing of fire detection and alarm systems	3	9	Credit	Rvw/Reg
23260	2	Install fire detection and alarm systems	4	25	Credit	Rvw/Reg
23261	2	Commission fire detection and alarm systems	4	25	Credit	Rvw/Reg
23262	2	Check, test, and inspect fire detection and alarm systems	4	20	Credit	Rvw/Reg
23263	2	Check, test, and inspect special hazards fire detection and alarm systems	4	20	Credit	Rvw/Reg
23264	2	Inspect fire detection and alarm systems for compliance	5	20	Credit	Rvw/Reg
23265	3	Service fire detection and alarm systems	4	30	Credit	Rvw/Reg
23266	2	Demonstrate knowledge of fire detection and alarm system design	5	10	Credit	Rvw/Reg
23267	2	Design fire detection and alarm systems	5	20	Credit	Rvw/Reg
28813	1	Demonstrate knowledge of fire detection and alarm system components and installation practices	3	9	Credit	New/Reg
28814	1	Demonstrate knowledge, use, and care of tools and test equipment used in the fire detection and alarm industry sector	2	4	Credit	New/Reg
28815	1	Install fire detection and alarm system components under supervision	3	30	Credit	New/Reg
28816	1	Demonstrate knowledge of special hazards fire detection and alarm systems and installation practices	4	20	Credit	New/Reg
28817	1	Demonstrate knowledge of commissioning tests and procedures for special hazards fire detection and alarm systems	3	2	Credit	New/Reg
28818	1	Install special hazards fire detection and alarm systems	4	20	Credit	New/Reg
28819	1	Commission special hazards fire detection and alarm systems	4	20	Credit	New/Reg

**Engineering and Technology > Mechanical Engineering > Fire Protection Systems Technology**

**Engineering and Technology > Mechanical Engineering > Fire Protection Systems Technology** continued...

ID	Ver	Title	Lvl	Crd	Grade	Process
17708	4	Inspect and test interconnected control and fire detection and alarm systems	4	30	Credit	Rvw/Reg
17712	4	Demonstrate knowledge of organisations and documentation that impact on the fire protection industry	3	4	Credit	Rvw/Reg
17713	4	Demonstrate knowledge of interconnected control and fire detection and alarm systems	4	6	Credit	Rvw/Reg
17714	4	Demonstrate knowledge of inspection and testing of interconnected control and fire alarm systems	4	4	Credit	Rvw/Reg
17715	4	Demonstrate knowledge of and apply legislation and standards for the fire protection industry	5	4	Credit	Rvw/Reg

**Engineering and Technology > Mechanical Engineering > Fixed Fire Protection Systems**

ID	Ver	Title	Lvl	Crd	Grade	Process
9362	5	Establish and disestablish site facilities for the installation of fire safety systems	4	4	Credit	Rvw/Reg
9372	5	Commission fire sprinkler systems	4	20	Credit	Rvw/Reg
9375	5	Service fire sprinkler systems	4	11	Credit	Rvw/Reg
17727	3	Conduct routine maintenance of special hazards fixed fire protection systems	4	5	Credit	Rvw/Reg
17728	3	Conduct surveys of special hazards fixed fire protection systems	4	10	Credit	Rvw/Reg
17729	3	Demonstrate knowledge of maintenance, testing, inspections, and surveys of special hazards fixed fire protection systems	4	7	Credit	Rvw/Reg
17730	4	Demonstrate knowledge of routine testing and maintenance of fire sprinkler systems	3	6	Credit	Rvw/Reg
17731	5	Demonstrate knowledge of fire sprinkler systems and installation practices	3	10	Credit	Rvw/Reg
17732	4	Demonstrate knowledge of special hazards and non-standard fixed fire protection systems	4	6	Credit	Rvw/Reg
17734	4	Conduct routine maintenance of fire sprinkler systems	3	20	Credit	Rvw/Reg
17735	4	Conduct routine inspections of fire sprinkler systems	4	20	Credit	Rvw/Reg
18432	4	Fabricate and install pipe-work for fire sprinkler systems on site	3	20	Credit	Rvw/Reg
18433	3	Install special hazards fixed fire protection systems	4	20	Credit	Rvw/Reg
18434	4	Install fire sprinkler systems	3	40	Credit	Rvw/Exp
23587	2	Commission special hazards fixed fire protection systems	4	7	Credit	Rvw/Reg
23588	2	Service special hazards fixed fire protection systems	4	11	Credit	Rvw/Reg
27524	2	Design fixed fire protection systems	5	40	Credit	Rvw/Reg
27525	2	Inspect fixed fire protection systems for compliance	5	40	Credit	Rvw/Reg
27526	2	Supervise fire protection industry jobs/operations	5	30	Credit	Rvw/Reg
28820	1	Conduct routine tests of fixed fire protection systems	3	20	Credit	New/Reg

**Engineering and Technology > Mechanical Engineering > Fixed Fire Protection Systems** continued...

ID	Ver	Title	Lvl	Crd	Grade	Process
28821	1	Inspect and test non-standard fixed fire protection systems	4	20	Credit	New/Reg
28824	1	Demonstrate knowledge of the underpinning principles of hydraulic design for fire sprinkler systems	4	4	Credit	New/Reg
28825	1	Conduct routine tests and inspections of special hazards fixed fire protection systems	4	10	Credit	New/Reg
28826	1	Read and interpret fire sprinkler construction and services drawings	3	4	Credit	New/Reg
28827	1	Fabricate and install pipe supports, hangers, braces, and brackets for fire sprinkler systems on site	3	10	Credit	New/Reg
28828	1	Install sprinkler heads	3	10	Credit	New/Reg
28829	1	Install pump sets for fire sprinkler systems	3	10	Credit	New/Reg
28830	1	Install valves, switches, and gauges for fire sprinkler systems	3	10	Credit	New/Reg
28831	1	Demonstrate knowledge of deluge and pre-action fire sprinkler systems and commissioning procedures	4	3	Credit	New/Reg
28832	1	Install deluge and pre-action fire sprinkler systems	4	20	Credit	New/Reg
28833	1	Service deluge and pre-action fire sprinkler systems	4	20	Credit	New/Reg
28834	1	Commission deluge and pre-action fire sprinkler systems	4	20	Credit	New/Reg

**Engineering and Technology > Mechanical Engineering > Fluid Power - Hydraulics**

ID	Ver	Title	Lvl	Crd	Grade	Process
2725	7	Design a hydraulic power system under supervision	3	15	Credit	Roll/Exp
2729	7	Design a hydraulic power system	4	15	Credit	Roll/Exp
17345	4	Draw a diagram, and explain the operating principles, of a simple hydraulic power system	2	3	Credit	Roll/Exp

**Engineering and Technology > Mechanical Engineering > Fluid Power - Pneumatics**

ID	Ver	Title	Lvl	Crd	Grade	Process
2728	7	Service pneumatic power system components under supervision	3	15	Credit	Roll/Exp
17344	4	Draw a diagram, and explain the operating principles, of a simple pneumatic power system	2	3	Credit	Roll/Exp
20600	3	Design a basic pneumatic power system under supervision	3	15	Credit	Roll/Exp
20601	3	Design a basic pneumatic power system	4	15	Credit	Roll/Exp
20602	3	Design a pneumatic power air distribution system	4	10	Credit	Roll/Exp
20603	3	Design a pneumatic sequential power control system	4	10	Credit	Roll/Exp
20605	3	Diagnose pneumatic power system faults under supervision	3	10	Credit	Roll/Exp

**Engineering and Technology > Mechanical Engineering > Hand Operated Fire Fighting Equipment**

ID	Ver	Title	Lvl	Crd	Grade	Process
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**Engineering and Technology > Mechanical Engineering > Hand Operated Fire Fighting Equipment**  
continued...

ID	Ver	Title	Lvl	Crd	Grade	Process
9013	5	Survey for fire risks and select hand operated fire fighting equipment	4	25	Credit	Rvw/Reg
9020	5	Demonstrate knowledge and use of hand operated fire fighting equipment	3	5	Credit	Rvw/Reg
23585	2	Install and commission hand operated fire fighting equipment	3	25	Credit	Rvw/Reg
23586	2	Maintain hand operated fire fighting equipment	3	20	Credit	Rvw/Reg

**Engineering and Technology > Mechanical Engineering > Maintenance and Diagnostics in Mechanical Engineering**

ID	Ver	Title	Lvl	Crd	Grade	Process
2398	9	Monitor, under supervision, the condition of machinery and equipment	3	4	Credit	Roll/Expg

**Engineering and Technology > Mechanical Engineering > Passive Fire Protection**

ID	Ver	Title	Lvl	Crd	Grade	Process
26422	2	Demonstrate knowledge of passive fire protection	3	10	Credit	Rvw/Reg
26423	2	Inspect passive fire protection as part of a routine inspection	4	35	Credit	Rvw/Reg
26424	2	Inspect and verify passive fire protection for compliance with the building consent	4	40	Credit	Rvw/Reg
29157	1	Demonstrate knowledge of the fundamentals of passive fire protection systems	3	4	Credit	New/Reg

**Manufacturing > Coatings, Inks, and Adhesives > Paint Manufacturing**

ID	Ver	Title	Lvl	Crd	Grade	Process
20287	4	Demonstrate knowledge of paint and paint production	2	2	Credit	Rvw/Reg
20288	4	Demonstrate knowledge of paint raw material components	3	5	Credit	Rvw/Reg
20289	4	Describe the end-use performance and properties of resins commonly used in paint	4	12	Credit	Rvw/Expg
20290	4	Match paint colours	5	15	Credit	Rvw/Reg
20291	4	Prepare to assemble and assemble ingredients for paint manufacture	2	2	Credit	Rvw/Reg
20292	4	Prepare and perform paint mixing operations	2	4	Credit	Rvw/Reg
20294	4	Prepare to operate, and operate high speed dispersion equipment for paint manufacture	4	10	Credit	Rvw/Reg
20295	4	Prepare to operate, and operate mills to disperse paint	4	10	Credit	Rvw/Reg
20296	4	Perform in-process dispersion tests on a paint product	3	2	Credit	Rvw/Reg
20297	4	Test and adjust paints	5	20	Credit	Rvw/Reg
26284	2	Demonstrate knowledge of dispersion equipment used in paint manufacture	3	4	Credit	Rvw/Reg
26285	2	Demonstrate knowledge of dispersion in paint manufacture	3	2	Credit	Rvw/Reg

**Manufacturing > Coatings, Inks, and Adhesives > Paint Manufacturing continued...**

ID	Ver	Title	Lvl	Crd	Grade	Process
29136	1	Describe the end-use performance and properties of resins commonly used in paint	4	4	Credit	New/Reg
29137	1	Describe the performance and properties, and end use performance of paint emulsions	4	4	Credit	New/Reg
29138	1	Describe the performance and properties of paint pigments	4	4	Credit	New/Reg
29139	1	Describe the performance and properties of paint extenders	4	4	Credit	New/Reg
29140	1	Describe the performance and properties of paint solvents	4	4	Credit	New/Reg

**Manufacturing > Glass and Glazing > Glass Container Manufacturing**

ID	Ver	Title	Lvl	Crd	Grade	Process
18924	6	Control and optimise the glass container forming process	4	20	Credit	Roll/Expg

**Service Sector > Maritime > Marine Engineering**

ID	Ver	Title	Lvl	Crd	Grade	Process
4103	6	Operate and monitor a vessel's engines and auxiliary equipment	4	10	Credit	Rvw/Reg
4108	5	Maintain the physical operating condition and appearance of the vessel	2	3	Credit	Rvw/Reg
19493	3	Perform maintenance and repairs on a vessel's mechanical and electrical systems	4	5	Credit	Rvw/Reg
26305	2	Demonstrate knowledge of marine petrol and diesel propulsion and auxiliary systems	4	5	Credit	Rvw/Reg

**Service Sector > Maritime > Maritime Management**

ID	Ver	Title	Lvl	Crd	Grade	Process
4160	5	Implement and maintain adherence to safe working practices and policies on a vessel	2	2	Credit	Rvw/Reg

**Service Sector > Maritime > Navigation and Seamanship**

ID	Ver	Title	Lvl	Crd	Grade	Process
4117	5	Navigate a vessel within sight of land	4	15	Credit	Rvw/Reg
8126	5	Operate a restricted limits vessel	4	19	Credit	Rvw/Expg
12301	4	Maintain cleanliness of passage ways, and passenger and crew accommodation areas on a vessel	2	3	Credit	Rvw/Reg
12302	5	Assist with berthing and letting go, and describe anchoring a vessel	3	5	Credit	Rvw/Reg
12304	5	Use ropes, knots and lashings on a vessel	3	5	Credit	Rvw/Reg
19489	3	Steer a commercial vessel and keep watch	3	6	Credit	Rvw/Reg
19491	3	Demonstrate knowledge in using VHF marine radio and an EPIRB	3	3	Credit	Rvw/Reg
19492	3	Operate a marine radio in the MF, HF and VHF bands	3	2	Credit	Rvw/Reg

**Service Sector > Maritime > Navigation and Seamanship** continued...

ID	Ver	Title	Lvl	Crd	Grade	Process
26304	2	Operate a vessel in accordance with the Maritime Collision Prevention Rules	4	5	Credit	Rvw/Reg
29217	1	Demonstrate knowledge of maritime rules and navigation, and steer and keep watch on a vessel	3	10	Credit	New/Reg
29221	1	Demonstrate knowledge of and provide interior service on-board a super yacht	3	10	Credit	New/Reg
29222	1	Demonstrate knowledge of and use electronic navigation equipment	4	5	Credit	New/Reg
29223	1	Manage the operation of a restricted limits vessel	4	10	Credit	New/Reg
29224	1	Operate a restricted limits vessel	4	10	Credit	New/Reg

**Service Sector > Maritime > Sea Survival and Sea Safety**

ID	Ver	Title	Lvl	Crd	Grade	Process
4132	4	Implement damage control techniques and procedures on a vessel	4	10	Credit	Rvw/Reg
4134	4	Apply first aid at sea	2	4	Credit	Rvw/Reg
4137	4	Verify the operational condition of safety equipment on a vessel	2	5	Credit	Rvw/Reg
4138	4	Control and extinguish fire on board a vessel	3	4	Credit	Rvw/Reg
12306	5	Identify common parts, fittings, and equipment on a vessel	2	3	Credit	Rvw/Reg
12307	4	Provide assistance to passengers with specific needs, and support seasick passengers and crew	3	3	Credit	Rvw/Reg
12309	5	Demonstrate knowledge of abandon ship procedures and sea survival techniques	4	5	Credit	Rvw/Reg
12310	5	Demonstrate knowledge of fire prevention and limitatic and extinguish small fires on-board a vessel	3	2	Credit	Rvw/Reg
15028	4	Demonstrate passenger management procedures during a maritime emergency onboard a passenger vessel	3	3	Credit	Rvw/Expg
26236	2	Demonstrate knowledge of sea safety equipment and procedures and assist the master in emergency situations at sea	2	6	Credit	Rvw/Reg
26541	2	Demonstrate knowledge of the safe operation of small craft in sight of land	3	16	Credit	Rvw/Reg
26542	2	Demonstrate basic knowledge of the operation of pleasure/small craft by day	2	6	Credit	Rvw/Reg
29218	1	Demonstrate personal and social responsibilities on vessels to STCW-Basic requirements.	4	5	Credit	New/Reg
29219	1	Survive at sea to STCW-Basic requirements in the event of a ship abandonment	4	5	Credit	New/Reg
29220	1	Fight fires to STCW-Basic requirements in enclosed spaces on a vessel	4	4	Credit	New/Reg
29225	1	Assist passengers to STCW requirements during a maritime emergency evacuation	3	3	Credit	New/Reg

## NZ Marine and Composites Industry Training Organisation - 101812

### Standards

#### Manufacturing > Boating Industries > Boatbuilding

ID	Ver	Title	Lvl	Crd	Grade	Process
18158	4	Select, use, and care for hand tools used in the marine or composite industry	2	5	Credit	Rvw/Reg
18159	4	Select, use, and care for portable power tools used in the marine or composite industry	3	5	Credit	Rvw/Reg
18160	4	Operate mechanical plant used in boatbuilding	2	12	Credit	Rvw/Expg
23243	2	Identify and explain the causes and prevention of material deterioration in the marine environment	4	10	Credit	Rvw/Reg
25113	2	Describe filling and fairing technology used in boatbuilding	3	4	Credit	Rvw/Expg
25155	2	Fair boat surfaces	3	4	Credit	Rvw/Expg
25156	2	Fill boat surfaces	3	6	Credit	Rvw/Expg
26082	2	Demonstrate knowledge of and apply sustainability concepts in the boatbuilding industry	4	10	Credit	Rvw/Expg
29235	1	Describe and apply filling and fairing technology	3	15	Credit	New/Reg
29236	1	Operate mechanical plant used in the marine or composite industry	4	10	Credit	New/Reg
29237	1	Operate simple mechanical plant used in the marine or composite industry	3	5	Credit	New/Reg
29238	1	Apply environmentally sustainable work practices and principles in the marine or composite industry	4	5	Credit	New/Reg

#### Manufacturing > Boating Industries > Marine Sales and Services

ID	Ver	Title	Lvl	Crd	Grade	Process
9913	6	Demonstrate knowledge of the New Zealand marine and composite industry	3	5	Credit	Rvw/Reg

#### Manufacturing > Composites > Production Composites

ID	Ver	Title	Lvl	Crd	Grade	Process
3160	7	Produce a laminated polyester resin item to a product specification for composites	3	5	Credit	Rvw/Expg
3161	7	Produce an epoxy resin item to a product specification for composites	3	5	Credit	Rvw/Expg
3162	7	Produce a vinylester resin item to a product specification for composites	3	5	Credit	Rvw/Expg
3184	7	Prepare a mould for moulding for composites	4	5	Credit	Rvw/Expg
3185	6	Demould laminated items for composites	3	6	Credit	Rvw/Expg
29234	1	Produce resin items to finished product specifications for composites	3	25	Credit	New/Reg

## NZQA Maori Qualifications Services - 194

### Standards

#### Māori > Māori Performing Arts > Māori Performance

ID	Ver	Title	Lvl	Crd	Grade	Process
13359	6	Demonstrate knowledge and skills of mōteatea	2	6	Credit/Merit/Excellence	Rvsn/Reg

#### Māori > Māori Performing Arts > Māori Performing Arts Creation

ID	Ver	Title	Lvl	Crd	Grade	Process
13362	4	Create mōteatea	7	25	Credit	R&R/Reg
13366	4	Create waiata-ā-ringa	7	25	Credit	R&R/Reg
13370	4	Create poi	7	25	Credit	R&R/Reg
13375	4	Create haka	7	25	Credit	R&R/Reg
15022	5	Create whakaraka	7	25	Credit	R&R/Reg

#### Māori > Māori Performing Arts > Māori Performing Arts Teaching

ID	Ver	Title	Lvl	Crd	Grade	Process
13361	4	Teach mōteatea	6	25	Credit	R&R/Reg
13365	4	Teach waiata-ā-ringa	6	25	Credit	R&R/Reg
13369	4	Teach poi	6	25	Credit	R&R/Reg
13374	4	Teach haka	6	25	Credit	R&R/Reg
15021	5	Teach whakaraka	6	25	Credit	R&R/Reg
19909	3	Research and compile resource materials for the teaching of Māori Performing Arts	6	25	Credit	R&R/Reg

#### Māori > Te Mātauranga Māori me te Whakangungu > Te Mātauranga Māori Whāiti

ID	Ver	Title	Lvl	Crd	Grade	Process
3695	6	Demonstrate knowledge of Māori methods of teaching and learning	7	20	Credit	R&R/Reg
3696	6	Implement Māori methods of learning and teaching	8	20	Credit	R&R/Reg
3697	6	Demonstrate knowledge of educational programme planning for adult Māori learners	5	10	Credit	R&R/Reg
3698	6	Design and implement educational programme planning for Māori	6	20	Credit	R&R/Reg
3708	6	Implement assessment for effective Māori learning and teaching	6	20	Credit	R&R/Reg
18586	4	Demonstrate knowledge of Māori learning in adult education and training	4	4	Credit	R&R/Reg
18588	4	Demonstrate knowledge of methods of communication in the education and training of adult Māori learners	5	3	Credit	R&R/Reg
18590	4	Design and apply best practice for Māori models of adult education and training	6	6	Credit	R&R/Reg

## Māori &gt; Te Mātauranga Māori me te Whakangungu &gt; Te Mātauranga Māori Whānui

ID	Ver	Title	Lvl	Crd	Grade	Process
3693	6	Demonstrate knowledge of the impact of Te Tiriti o Waitangi in an education context	5	4	Credit	R&R/Reg
3694	6	Identify implications of Te Tiriti o Waitangi in an education context	6	10	Credit	R&R/Reg
3699	6	Demonstrate knowledge of Māori human development theory	4	10	Credit	R&R/Reg
3700	6	Discuss Māori human development theory for young children	4	8	Credit	R&R/Reg
3701	7	Discuss Māori human development theory for adolescents	4	10	Credit	R&R/Reg
3702	6	Discuss Māori human development theory for adults	4	10	Credit	R&R/Reg
3703	6	Discuss Māori human development theory for kaumātua	4	10	Credit	R&R/Reg
3704	6	Analyse and critique Māori human development theory from pre-conception to adulthood	8	20	Credit	R&R/Reg
3705	6	Identify and analyse the characteristics of oral communication and interaction used by Māori	6	10	Credit	R&R/Reg
3706	6	Demonstrate knowledge of mātauranga Māori research methods, ethics, and methodologies	5	10	Credit	R&R/Reg
3707	6	Design a research project using mātauranga Māori research methods, ethics, and methodologies	6	20	Credit	R&R/Reg
3709	6	Analyse Māori processes of self-development in relation to iwi, hapū, kāinga and whānau in a contemporary context	6	7	Credit	R&R/Reg
16030	4	Describe Māori approaches to historical research	2	6	Credit	R&R/Reg
16031	4	Conduct research into Māori oral histories	4	8	Credit	R&R/Reg
16062	4	Describe the history and relationships between the peoples of Polynesia	3	4	Credit	R&R/Reg
16066	4	Demonstrate knowledge of criminal justice system alternatives	4	4	Credit	R&R/Reg
16069	4	Explain the place of the Treaty of Waitangi in legislation today	4	4	Credit	R&R/Reg
18589	4	Demonstrate knowledge of the impact of the introduction of the English language on Māori society	4	3	Credit	R&R/Reg
18593	4	Demonstrate knowledge of Te Tiriti o Waitangi, tikanga and kawa in relation to a learning environment	6	8	Credit	R&R/Reg
18597	4	Design and conduct a Te Tiriti o Waitangi training programme for a specified audience	6	3	Credit	R&R/Reg
25335	3	Research and analyse a kaupapa Māori within a mātauranga Māori research framework	7	20	Credit	R&R/Reg
25336	3	Demonstrate knowledge of te Tiriti o Waitangi within colonial and hapū law	5	6	Credit	R&R/Reg

## NZQA National Qualifications Services - 130301

### Consent and Moderation Requirements (CMR)

Ref	Ver	Title	Process
11	6	NZQA Computing and Information Technology	Rvsn/Reg
23	7	NZQA Core Skills, and Communication Skills	Rvsn/Reg
113	9	NZQA Business and Management	Rvw/Reg
116	3	NZQA Economics (Levels 5-8)	Rvw/Reg
142	3	NZQA Supported Learning	Rvw/Reg
152	6	NZQA Science and Technology	Rvsn/Reg

### Standards

#### Business > Business Operations and Development > Workplace Relations

ID	Ver	Title	Lvl	Crd	Grade	Process
19801	4	Carry out and conclude bargaining for a collective employment agreement	6	10	Credit	R&R/Reg
22133	4	Define the roles of trade union representatives in the workplace	2	8	Credit	Rvw/Expq
22134	4	Identify how workplace issues are used in workplace organising	2	3	Credit	Rvw/Expq
22135	4	Plan, implement and evaluate a union organising activity in the workplace	3	4	Credit	Rvw/Expq
22136	4	Demonstrate union recruitment skills	3	2	Credit	Rvw/Expq
22137	4	Sign up union members according to union requirements	2	2	Credit	Rvw/Expq
22138	4	Identify the employment rights of employees with regard to union membership	2	3	Credit	Rvw/Expq
22139	4	Describe the organisational structure of a national union	2	2	Credit	Rvw/Expq
22140	4	Demonstrate knowledge of the concept of good faith as applied in the workplace	2	2	Credit	Rvw/Expq
22141	4	Demonstrate knowledge of an applicable collective employment agreement as a union member	2	2	Credit	Rvw/Expq
22144	4	Demonstrate knowledge of the role of a union representative with regard to employee diversity in a workplace	2	3	Credit	Rvw/Expq
23023	3	Identify strategies a union representative can use to promote learning	3	5	Credit	Rvw/Expq
23024	3	Describe how workplace learning operates in New Zealand and the role of unions in the process	3	4	Credit	Rvw/Expq
23025	3	Demonstrate knowledge of the purpose and role of a Learning Representative	3	4	Credit	Rvw/Expq
26847	3	Demonstrate knowledge of learning in workplaces, as Learning Representative	2	4	Credit	Rvw/Expq
27508	2	Develop a plan for improving productivity in a workplace as a union representative	3	5	Credit	Rvw/Expq

**Business > Business Operations and Development > Workplace Relations** continued...

<b>ID</b>	<b>Ver</b>	<b>Title</b>	<b>Lvl</b>	<b>Crd</b>	<b>Grade</b>	<b>Process</b>
27530	2	Demonstrate knowledge of workplace relations concepts arising from the legal framework of employment	3	4	Credit	Rvw/Expq
27531	2	Demonstrate knowledge of the provisions and purpose of collective employment agreements	4	3	Credit	R&R/Reg
27532	2	Demonstrate knowledge of the provisions and purpose of individual employment agreements	4	3	Credit	R&R/Reg
27533	2	Demonstrate skills and knowledge for bargaining for a collective employment agreement	5	5	Credit	R&R/Reg
27534	2	Develop a strategy to promote productive workplace relationships in an organisation	4	5	Credit	R&R/Reg
27535	2	Develop a strategy for employee engagement in an organisation	4	6	Credit	R&R/Reg
27536	2	Demonstrate knowledge of strikes and lockouts	4	4	Credit	R&R/Reg
27537	2	Demonstrate knowledge of processes for workplace resolution of employment relationship problems	4	4	Credit	R&R/Reg
27538	2	Use organisational procedures for workplace resolution of employment relationship problems	5	5	Credit	R&R/Reg
27539	2	Demonstrate knowledge of unions in employment	3	3	Credit	Rvw/Expq



## Primary Industry Training Organisation - 101558

### Consent and Moderation Requirements (CMR)

Ref	Ver	Title	Process
22	3	Dairy Manufacturing	Rvw/Reg
33	3	New Zealand Industry Training Organisation - Meat Processing Advisory Group	Rvw/Reg
123	9	Seafood and Seafood Māori	Rvw/Reg

### Standards

#### Agriculture, Forestry and Fisheries > Equine > Equine Care

ID	Ver	Title	Lvl	Crd	Grade	Process
1596	6	Gear up and drive standardbred horses in trackwork, and attend to horses after trackwork	3	15	Credit	Rvw/Exp
1629	6	Ride thoroughbred racehorses in pacework as instructed by the trainer	3	15	Credit	Rvw/Reg
1630	7	Ride thoroughbred racehorses at raceday	4	45	Credit	Rvw/Reg
1650	6	Prepare a horse for travel by road, and load and unloa	3	3	Credit	Rvw/Reg
6580	6	Demonstrate understanding of hazards, routine health care, emergency responses, and ongoing care of horses	3	4	Credit	Rvw/Reg
20523	3	Demonstrate understanding of a horse race venue, an attend to horses before and after racing	3	12	Credit	Rvw/Reg
22356	3	Ride thoroughbred racehorses for barrier practice and jump outs	3	5	Credit	Rvw/Reg
22357	2	Ride thoroughbred racehorses in fastwork as instructe by the trainer	3	10	Credit	Rvw/Reg
22358	2	Ride thoroughbred racehorses at official trials to obtain a raceday licence	4	30	Credit	Rvw/Reg
23969	2	Gear up and drive a standardbred horse at racing workouts and trials	4	30	Credit	Rvw/Reg
23970	2	Demonstrate understanding of the racing industry judicial system and processes	4	5	Credit	Rvw/Reg
25003	2	Identify conformation, action, and lameness of horses	3	3	Credit	Rvw/Reg
25441	2	Demonstrate understanding of optimum personal heali for racing	4	5	Credit	Rvw/Reg
29165	1	Apply skills for employment in an equine industry workplace	2	5	Credit	New/Reg
29166	1	Provide routine care for horses in stables and/or yards under close supervision	2	22	Credit	New/Reg
29167	1	Prepare horses for travel, and load and unload under close supervision	2	4	Credit	New/Reg
29168	1	Care for a group of horses in a paddock, and maintain paddocks under close supervision	2	10	Credit	New/Reg
29169	1	Prepare thoroughbred racehorses for exercise and provide after care	2	10	Credit	New/Reg
29170	1	Prepare harness horses for exercise and provide after care	2	10	Credit	New/Reg

**Agriculture, Forestry and Fisheries > Equine > Equine Care** continued...

ID	Ver	Title	Lvl	Crd	Grade	Process
29171	1	Carry out routine, minor or temporary maintenance of equine facilities under close supervision	2	5	Credit	New/Reg
29172	1	Describe feeds and carry out feeding requirements of horses in training	3	5	Credit	New/Reg
29173	1	Demonstrate understanding of communication protocols and legislative obligations in an equine workplace	3	5	Credit	New/Reg
29174	1	Provide routine care to horses in training	3	5	Credit	New/Reg
29175	1	Identify horses' body systems, and describe health problems and parasites affecting horses	3	4	Credit	New/Reg
29176	1	Communicate with internal and external clients, and seek raceday rides or drives	4	10	Credit	New/Reg
29177	1	Manage personal finances for racing purposes	4	10	Credit	New/Reg
29178	1	Prepare, implement, and monitor the care of standardbred horses in training	4	25	Credit	New/Reg
29232	1	Gear up and drive standardbred horses in trackwork, and attend to horses after trackwork	3	15	Credit	New/Reg

**Agriculture, Forestry and Fisheries > Equine > Equine Health**

ID	Ver	Title	Lvl	Crd	Grade	Process
14594	4	Identify signs of good health and ill health in horses	2	4	Credit	Rvw/Reg

**Agriculture, Forestry and Fisheries > Equine > Harness Racing**

ID	Ver	Title	Lvl	Crd	Grade	Process
1598	6	Select and fit gear for individual standardbred horses	4	5	Credit	Rvw/Expg
1599	6	Prepare, gear up, and drive a standardbred horse on raceday	4	20	Credit	Rvw/Reg
1601	6	Demonstrate understanding of educating, and breaking, and gaiting a standardbred horse to harness	4	10	Credit	Rvw/Reg

**Agriculture, Forestry and Fisheries > Equine > Thoroughbred Racing**

ID	Ver	Title	Lvl	Crd	Grade	Process
12627	4	Seek raceday rides, be interviewed, and manage financial transactions in thoroughbred racing	3	12	Credit	Rvw/Expg

**Manufacturing > Baking Yeasts Manufacturing > Baking Yeasts Manufacturing Operations**

ID	Ver	Title	Lvl	Crd	Grade	Process
25912	2	Carry out salt mixing in a baking yeasts manufacturing operation	3	5	Credit	Rvw/Expg

**Manufacturing > Dairy Manufacturing > Cheese Making**

ID	Ver	Title	Lvl	Crd	Grade	Process
17597	5	Demonstrate knowledge of the characteristics of processed cheese manufacture	3	5	Credit	Rvw/Expg

**Manufacturing > Dairy Manufacturing > Dairy - Generic**

**Manufacturing > Dairy Manufacturing > Dairy - Generic continued...**

ID	Ver	Title	Lvl	Crd	Grade	Process
19963	4	Work with temperature controlled stock in the dairy industry	4	4	Credit	Rvw/Expg
19967	3	Apply mathematical concepts in the dairy industry	2	4	Credit	Rvw/Expg
19969	3	Manage personal work priorities and professional competence in the dairy industry	4	4	Credit	Rvw/Expg
19978	3	Calculate and present statistical data in the dairy industry	4	5	Credit	Rvw/Expg
19993	3	Measure and calculate routine workplace data in the dairy industry	3	5	Credit	Rvw/Expg
20016	5	Use information technology devices in a dairy workplace	3	4	Credit	Rvw/Expg

**Manufacturing > Dairy Manufacturing > Dairy Environmental Management**

ID	Ver	Title	Lvl	Crd	Grade	Process
17587	6	Identify operating procedures for pumps in the dairy industry	4	7	Credit	Rvw/Expg
17616	4	Dispose of waste materials in the dairy industry	3	6	Credit	Rvw/Expg
20014	3	Carry out a waste treatment process in the dairy industry	3	8	Credit	Rvw/Expg
20175	3	Demonstrate environmental audit techniques in the dairy industry	3	7	Credit	Rvw/Expg

**Manufacturing > Dairy Manufacturing > Dairy Laboratory Methodology**

ID	Ver	Title	Lvl	Crd	Grade	Process
8962	6	Evaluate sampling methods used within the New Zealand dairy industry	4	6	Credit	Rvw/Expg
8963	5	Apply the principles of rationalised testing in the New Zealand dairy industry	4	6	Credit	Rvw/Expg
8966	5	Explain waste water measurement and yield monitoring in the New Zealand dairy industry	4	6	Credit	Rvw/Expg
8970	5	Evaluate the performance of microbiological media used in the New Zealand dairy industry	4	4	Credit	Rvw/Expg
8971	5	Explain the chemical structures and the chemical reactions that can occur in milk	4	4	Credit	Rvw/Expg
8972	5	Perform reference testing of the main milk components for calibration of testing instruments	4	10	Credit	Rvw/Expg
8973	5	Apply rapid analytical methods for chemical analyses in a New Zealand dairy industry laboratory	4	10	Credit	Rvw/Expg
17620	4	Explain basic principles of chromatography and applications of HPLC techniques in the dairy industry	4	6	Credit	Rvw/Expg
19332	3	Explain in-process and final product testing in dairy industry laboratories	3	2	Credit	Rvw/Expg
19333	4	Explain sampling controls for in-process monitoring and final product sampling in the dairy industry	3	3	Credit	Rvw/Expg
21989	2	Use computer application software in a dairy industry laboratory	3	4	Credit	Rvw/Expg

**Manufacturing > Dairy Manufacturing > Dairy People Skills**

**Manufacturing > Dairy Manufacturing > Dairy People Skills** continued...

ID	Ver	Title	Lvl	Crd	Grade	Process
4823	7	Demonstrate team skills in the dairy industry	3	4	Credit	Rvw/Expq
16314	5	Explain employee relations policy and practice in the dairy industry	4	5	Credit	Rvw/Expq
16315	5	Develop and implement recruitment and selection plan in the dairy industry	4	8	Credit	Rvw/Expq
19336	4	Prepare and present one to one on-job instruction in a dairy industry workplace	4	6	Credit	Rvw/Expq
19980	3	Collect, present and apply workplace information in the dairy industry	2	4	Credit	Rvw/Expq
21114	3	Develop and review Standard Operating Procedures (SOPs) for a dairy processing operation	4	5	Credit	Rvw/Expq

**Manufacturing > Dairy Manufacturing > Dairy Processing**

ID	Ver	Title	Lvl	Crd	Grade	Process
19994	3	Carry out a forming and filling process in the dairy industry	3	5	Credit	Rvw/Expq
19999	4	Carry out a dairy product cooling and hardening process	3	5	Credit	Rvw/Expq
21137	3	Monitor ancillary plant operations in a dairy operation	3	4	Credit	Rvw/Expq
23831	2	Operate automated multi-head scale equipment in a dairy processing operation	3	3	Credit	Rvw/Expq

**Manufacturing > Dairy Manufacturing > Dairy Product Safety and Risk Management**

ID	Ver	Title	Lvl	Crd	Grade	Process
8969	5	Apply the principles of pathogen management in the New Zealand dairy industry	4	6	Credit	Rvw/Expq
16301	4	Explain microbiological sampling, testing methods and prevention of contamination in dairy products	4	4	Credit	Rvw/Expq
16667	5	Coordinate the development and verification of a HACCP plan in the dairy industry	4	30	Credit	Rvw/Expq
18407	5	Explain the workplace application of HACCP in the dairy industry	4	8	Credit	Rvw/Expq
19331	4	Explain prevention and control of product safety hazards in the dairy industry	4	5	Credit	Rvw/Expq
19964	4	Prevent and control pests in the dairy industry	4	4	Credit	Rvw/Expq
19970	3	Monitor the implementation of product safety procedures in the dairy industry	4	5	Credit	Rvw/Expq

**Manufacturing > Dairy Manufacturing > Dairy Quality and Process Improvement**

ID	Ver	Title	Lvl	Crd	Grade	Process
4822	6	Explain the minimisation of resource losses in the dairy industry	3	4	Credit	Rvw/Expq
21133	3	Conduct a sensory analysis in a dairy processing operation	3	3	Credit	Rvw/Expq

**Manufacturing > Dairy Manufacturing > Dairy Supply Chain**

ID	Ver	Title	Lvl	Crd	Grade	Process
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**Manufacturing > Dairy Manufacturing > Dairy Supply Chain** continued...

ID	Ver	Title	Lvl	Crd	Grade	Process
763	7	Explain the operation and management of dairy industry stores	4	6	Credit	Rvw/Expq
19990	4	Load and unload bulk materials in the dairy industry	3	4	Credit	Rvw/Expq
20019	5	Use manual handling equipment in the dairy industry	3	4	Credit	Rvw/Expq
23744	2	Demonstrate knowledge of the supply chain process for a global dairy supply chain	3	15	Credit	Rvw/Expq
23746	2	Manage dairy customer interactions and transactions for a global dairy supply chain	3	15	Credit	Rvw/Expq
23749	2	Manage the sales order process for a global dairy supply chain	3	15	Credit	Rvw/Expq
27732	2	Apply intellectual property considerations to the dairy supply chain	4	5	Credit	Rvw/Expq

**Manufacturing > Dairy Manufacturing > Dairy Technology**

ID	Ver	Title	Lvl	Crd	Grade	Process
758	8	Explain mechanical fundamentals for the dairy industry	4	6	Credit	Rvw/Expq
760	8	Diagnose basic mechanical and electrical faults in the dairy industry	4	8	Credit	Rvw/Expq
761	7	Explain the safe and efficient use of energy and ancillary services in the dairy industry	4	8	Credit	Rvw/Expq
16300	5	Explain the manufacture and marketing of dairy products for sale in New Zealand	3	4	Credit	Rvw/Expq
16684	5	Explain liquid milk products processing and packaging in the dairy industry	3	4	Credit	Rvw/Expq
17614	4	Carry out a dairy product colouring and/or flavouring process	3	5	Credit	Rvw/Expq
17618	4	Carry out a fermentation process in the dairy industry	3	8	Credit	Rvw/Expq
17619	4	Explain the efficient crystallisation, decanting, washing and filtration of $\alpha$ -lactose monohydrate	4	24	Credit	Rvw/Expq
17621	4	Explain the general principles of centrifugal separation and clarification in the dairy industry	4	6	Credit	Rvw/Expq
19524	5	Demonstrate knowledge required for the manufacture liquid fresh milk for the New Zealand market	3	4	Credit	Rvw/Expq
19526	4	Explain the application of engineering principles in the dairy industry	3	4	Credit	Rvw/Expq
19529	4	Explain electrical fundamentals in the dairy industry	3	6	Credit	Rvw/Expq
19968	4	Diagnose and rectify equipment faults in the dairy industry	4	6	Credit	Rvw/Expq
20013	4	Carry out a steam generation process in the dairy industry	3	5	Credit	Rvw/Expq
22347	3	Explain operating principles and applications of common dairy unit processing operations	4	8	Credit	Rvw/Expq

**Manufacturing > Dairy Manufacturing > Dairy Workplace Health and Safety**

ID	Ver	Title	Lvl	Crd	Grade	Process
16306	4	Identify accident and incident control procedures in the dairy industry	4	6	Credit	Rvw/Expq

**Manufacturing > Dairy Manufacturing > Dairy Workplace Health and Safety** continued...

<b>ID</b>	<b>Ver</b>	<b>Title</b>	<b>Lvl</b>	<b>Crd</b>	<b>Grade</b>	<b>Process</b>
16308	4	Use permit to work procedures in the dairy industry	3	6	Credit	Rvw/Expq
16310	4	Regulate and audit permit to work systems in the dairy industry	4	5	Credit	Rvw/Expq
16316	4	Explain safe work practices for working at heights within the dairy industry	3	3	Credit	Rvw/Expq
16685	4	Develop a personal stress management plan for dairy industry employees	3	4	Credit	Rvw/Expq
17612	5	Apply safe storage and handling procedures for ammonia in a dairy processing operation	3	5	Credit	Rvw/Expq
19972	3	Monitor the implementation of occupational health and safety in the dairy industry	4	5	Credit	Rvw/Expq
20776	3	Put on, wear, and operate a gas suit in the dairy industry	2	2	Credit	Rvw/Expq
21119	3	Demonstrate knowledge of the safe handling of chemicals used in the dairy industry	3	5	Credit	Rvw/Expq
21138	3	Demonstrate knowledge of injury management procedures in a dairy processing operation	3	4	Credit	Rvw/Expq

**ServiceIQ - 9068****Qualifications**

Ref	Ver	Title	Lvl	Process
0171	6	National Certificate in Aircraft Servicing	3	Rvw/Curr
0191	5	National Certificate in Aeronautical Engineering (Specialist Support) with optional strands in Aeronautical Composites; Aeronautical Electroplating; Aeronautical Machining; Aeronautical Non Destructive Testing; Aircraft Furnishings and Equipment; Aircraft Mechanical; Aircraft Painting; Aircraft Powerplant; Aircraft Structures; Armament; Avionics; and Rotorcraft	4	Rvw/Curr
0192	5	National Certificate in Aeronautical Engineering with strands in Aeronautic Non Destructive Testing, Aircraft Mechanical, Aircraft Powerplant, Aircraft Structures, Armament, Avionic Electrical Repair, Avionic Instrument Repair, Avionic Maintenance, Avionic Radio Repair, and Rotorcraft	4	Rvw/Curr
0381	6	National Certificate in Aeronautical Engineering (Related Technology)	3	Rvw/Curr
0618	3	National Certificate in Aeronautical Storekeeping	3	Rvw/Curr
0742	4	National Certificate in Aeronautical Engineering (Aircraft Manufacture)	4	Rvw/Curr
1132	3	National Certificate in Aeronautical Engineering (Maintenance Control)	4	Rvw/Curr
1366	2	National Certificate in Aeronautical Engineering (Gas Turbine Overhaul)	4	Rvw/Curr
1133	4	National Diploma in Aeronautical Maintenance Certification with strands in Aeroplane, Rotorcraft, Powerplant Piston, Powerplant Turbine, Electrical, Instrument, and Radio	6	Rvw/Curr
1258	2	National Diploma in Aeronautical Engineering (Maintenance Planning)	5	Rvw/Curr

**Standards****Service Sector > Tourism > Cook Islands Tourism**

ID	Ver	Title	Lvl	Crd	Grade	Process
16875	4	Demonstrate knowledge of contributors and work roles in tourism in the Cook Islands	1	2	Credit	Rvw/Reg
16876	4	Demonstrate knowledge of Cook Islands' culture and history in relation to tourism	1	3	Credit	Rvw/Reg
16877	4	Demonstrate knowledge of the environment in relation to tourism in the Cook Islands	1	3	Credit	Rvw/Reg
16878	4	Demonstrate knowledge of, and produce, arts and crafts for tourism in the Cook Islands	2	3	Credit	Rvw/Reg
16880	4	Demonstrate knowledge of the Cook Islands as a travel destination	2	4	Credit	Rvw/Reg
16881	4	Demonstrate knowledge of the history of world tourism and Cook Islands tourism	2	4	Credit	Rvw/Reg
16882	4	Demonstrate knowledge of Cook Islands and world tourism destinations	2	4	Credit	Rvw/Reg
16883	4	Demonstrate knowledge of Cook Islands tourism as an economic, socio-cultural, and physical process	2	6	Credit	Rvw/Reg
16884	4	Demonstrate knowledge of South Pacific Islands that compete with the Cook Islands as tourism destinations	2	4	Credit	Rvw/Reg