

QUALIFICATIONS LIST



SKILL-UP

CIVIL 2

ENERGY 5

TELCO 7

WATER 8

CIVIL QUALIFICATIONS

APPRENTICESHIPS

- NZA in Infrastructure Works (Bitumen Surfacing Construction)
- NZA in Infrastructure Works (Civil) with Strands in Earthworks, Road Construction and Road Maintenance
- NZA in Infrastructure (Forestry Earthworks)
- NZA in Infrastructure Works (Pipeline Construction and Maintenance) with strands in Drinking-water, Wastewater and Stormwater, and Trenchless Technologies
- NZA in Infrastructure (Piling)

LEVEL 2

IW2	NZC in Infrastructure Works	40 credits	NZQA #2522
Roadmarking	NZC in Roadmarking (with optional strands in piloting an raised pavement markers)	42-53 credits	NZQA #3234

LEVEL 3

IW3	NZC in Infrastructure Works with Optional Strand in Plant Operation	75 – 95 credits	NZQA #3856
Rural Contracting	NZC in Rural Contracting (Level 3) with strands in Crop Production, Harvesting and Vegetation Control	80 credits	NZQA #2728
Team Leadership	NZC in Business (Introduction to Team Leadership)	48 credits	NZQA #2453
Health and Safety Practice	NZC in Workplace Health and Safety Practice	40 credits	NZQA #3533

LEVEL 4

Agrichemical Application	NZC in Agrichemical Application (level 4) with strands in aquatic , broadacre, tree & vine horticulture, targeted weed control and total vegetation control	60-79 credits	NZQA #3984
Bitumen Surfacing Construction	NZC in Infrastructure Works (Bitumen Surfacing Construction)	120 credits	NZQA #3775
Civil	NZC in Infrastructure Works (Civil) with Strands in Earthworks, Road Construction and Road Maintenance	135 credits	NZQA #2725
First Line Management	NZC in Business (First Line Management)	60 credits	NZQA #2456
Forestry Earthworks	NZC in Infrastructure (Forestry Earthworks)	120 credits	NZQA #3782
Hydrographic Surveying	NZC in Hydrographic Surveying	65 credits	NZQA #2958
Lab	NZC in Civil Engineering Laboratory with strands in Aggregate, Asphalt, Bitumen, Concrete, Field Investigations, and Soil	70 – 85 credits	NZQA #2692
Piling	NZC in Infrastructure (Piling)	150 credits	NZQA #3966
Pipeline Construction & Maintenance	NZC in Infrastructure Works (Pipeline Construction and Maintenance) with strands in Drinking-water, Wastewater and Stormwater, and Trenchless Technologies	160 credits	NZQA #3858
Single Site Supervision	NZC in Infrastructure Works (Single Site Supervision)	110 credits	NZQA #2617
Surveying	NZC in Surveying	75 credits	NZQA #2957

LEVEL 5

IW Contract Management	NZC in Infrastructure Works (Contract Management)	45 credits	NZQA #2618
IW Projects	NZC in Infrastructure Works (Projects)	95 credits	NZQA #2619
Lab L5	NZC in Civil Engineering Laboratory with strands in Aggregate, Asphalt, Bitumen, Concrete, Field Investigations, and Soil	70-80 credits	NZQA #2693

LEVEL 6

NZDEP	NZD in Engineering Practice with strands in Civil Engineering, Electrical Engineering, and Mechanical Engineering	120 credits	NZQA #1714
Procurement Procedures	NZC in Infrastructure Procurement Procedures	80 credits	NZQA #3179
IAM	NZD in Infrastructure Asset Management	140 credits	NZQA #3180

LIMITED CREDIT PROGRAMMES (LCP) & SUPPLEMENTARY CREDIT PROGRAMMES (SCP)

- LCP for General Requirements for Infrastructure Forestry Earthworks
- LCP for Safe Handling of Bituminous Materials
- LCP Bulk Earthworks
- SCP – Reticulation
- SCP – Plant & Equipment

ENERGY QUALIFICATIONS

APPRENTICESHIP

NZA in Electrical Engineering Theory and Practice (Trade)

LEVEL 2

ES (Intro)	NZC in Electricity Supply (Introductory) (Level 2) with strands in Electricity Supply, and Telecommunications	40 – 44 credits	NZQA #2136
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LEVEL 3

EnChem (Plant and Machinery)	NZC in Energy and Chemical Operations (Plant and Machinery)	60 credits	NZQA #2305
EnChem (Boiler Operation)	NZC in Energy and Chemical Operations (Boiler Operation)	50 credits	NZQA #2306
Field Switching	NZC in Electricity Supply (Field Switching)	77 credits	NZQA #2835
Health and Safety Practice	NZC in Workplace Health and Safety Practice	40 credits	NZQA #3533
Team Leadership	NZC in Business (Introduction to Team Leadership)	48 credits	NZQA #2453
Utility Arb	NZC in Electricity Supply (Utility Arboriculture) with an optional strand in Insulated Tool Work	81 – 86 credits	NZQA #2613

LEVEL 4

Cable Jointer	NZC in Electricity Supply (Cable Jointer High Voltage) with optional strand in 33kV	200 – 235 credits	NZQA #2227
EnChem (Field Operations)	NZC in Energy and Chemical Field Operations with strands in Process Plant Equipment, Steam Plant, Geothermal Operation	60 – 90 credits	NZQA #2307

LEVEL 4 continued

ES (Operation) Hydro	NZC in Electricity Supply (Operation) with Hydro Strand	85 -105 credits	NZQA #3687
Fault Response	NZC in Electricity Supply (Fault Response and Switching) with strands in Distribution Fault Response, Distribution Network Switching, and Transmission Switching Controller)	85 – 140 credits	NZQA #3586
First Line Management	NZC in Business (First Line Management)	60 credits	NZQA #2456
Line Mechanic Distribution	NZC in Electricity Supply (Line Mechanic Distribution)	225 credits	NZQA #2197
Network Control	NZC in Electricity Supply (Network Control)	145 credits	NZQA #3721
TLM	NZC in Electricity Supply (Transmission Line Maintenance) with strands in Line Mechanic, and Structure Maintainer	147 – 154 credits	NZQA #2705

LEVEL 5

EnChem (Plant Control Room Operations)	NZC Energy and Chemical Plant Control Room Operations with strands in Chemical Plant, Steam Generation Plant, and Plant Outage Coordination	110 – 120 credits	NZQA #2308
Power Tech	NZC in Electricity Supply (Power Technician)	135 credits	NZQA #3535

LEVEL 6

NZDEP	NZD in Engineering Practice with strands in Civil Engineering, Electrical Engineering, and Mechanical Engineering	120 credits	NZQA #1714
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TELCO QUALIFICATIONS

LEVEL 2

ES (Intro)	NZC in Electricity Supply (Introductory) with strands in Electricity Supply, and Telecommunications	40 – 44 credits	NZQA #2136
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LEVEL 3

Telco L3	NZC in Telecommunications with strands in Copper Network Maintenance and Optical Fibre Network	90 credits	NZQA #3767
Team Leadership	NZC in Business (Introduction to Team Leadership)	48 credits	NZQA #2453
Health and Safety Practice	NZC in Workplace Health and Safety Practice	40 credits	NZQA #3533

LEVEL 4

First Line Management	NZC in Business (First Line Management)	60 credits	NZQA #2456
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LEVEL 6

NZDEP	NZD in Engineering Practice with strands in Civil Engineering, Electrical Engineering, and Mechanical Engineering	120 credits	NZQA #1714
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WATER QUALIFICATIONS

APPRENTICESHIPS

- NZA in Infrastructure Works (Pipeline Construction and Maintenance) with strands in Drinking-water, Wastewater and Stormwater, and Trenchless Technologies

LEVEL 3

Health and Safety Practice	NZC in Workplace Health and Safety Practice	40 credits	NZQA #3533
IW3	NZC in Infrastructure Works (Level 3) with Optional Strand in Plant Operation	75 – 95 credits	NZQA #3856
Team Leadership	NZC in Business (Introduction to Team Leadership)	48 credits	NZQA #2453

LEVEL 4

Drinking-Water Treatment	NZC in Drinking Water Treatment (Level 4) with strands in Multistage processes	72 - 122 credits	NZQA #4138
Pipeline Construction & Maintenance	NZC in Infrastructure Works (Pipeline Construction and Maintenance) with strands in Drinking-water, Wastewater and Stormwater, and Trenchless Technologies	160 credits	NZQA #3858
First Line Management	NZC in Business (First Line Management)	60 credits	NZQA #2456
Wastewater Treatment	NZC in Waste Water Treatment (Level 4) with strands in Multistage processes	72 - 122 credits	NZQA #4142

LEVEL 5

Diploma - Drinking-Water Treatment	NZD in Drinking-water treatment	120 credits	NZQA #4139
Diploma - Wastewater Treatment	NZD in Wastewater treatment	120 credits	NZQA #4143
Procurement Procedures	NZC in Infrastructure Procurement Procedures	80 credits	NZQA #3179
IAM	NZD in Infrastructure Asset Management	140 credits	NZQA #3180

