

Construction & Infrastructure Skill Shortage List

This list is effective from 17 December 2018.

See notes at the end of this list.

Occupational Group	Occupation	ANZSCO Number	Required standard for work visa applicants with an offer of employment Qualifications must be comparable to the standard of the New Zealand qualification listed. Also see Note 1 at the end of this list.	Region
Construction	Construction Project Manager (Foreman) (Roading and Infrastructure)	133111	A minimum of five years' experience in building or maintaining roads AND staff management experience AND appropriate driver licence	All regions
Construction	Construction Project Manager (Roading and Infrastructure)	133111	One of the following: - Bachelor of Engineering with Honours (Civil Engineering) (NZQF Level 8) - Bachelor of Engineering Technology (Civil Engineering) (NZQF Level 7) - Bachelor of Engineering Technology (Highways Engineering) (NZQF Level 7) - A bachelor's degree at NZQF Level 7, or a higher qualification with the minimum equivalent of 360 credits, which includes the requirements of a New Zealand major in the focus areas of construction management or highway engineering - A Graduate Diploma at NZQF Level 7, or a higher qualification which includes the knowledge requirements of a New Zealand Graduate Diploma in the focus areas of construction management, highway engineering or construction project management - A diploma at NZQF Level 6, or a higher qualification, with the minimum equivalent of 240 credits, which includes the knowledge requirements of a New Zealand Diploma in the focus areas of civil engineering, highway engineering or construction management - A Washington Accord or Sydney Accord accredited undergraduate (initial) engineering degree in Civil Engineering (listed - see Note 3) - A qualification at NZQF Level 7 or higher, with a letter from IPENZ certifying that the degree and any further learning meet the benchmark requirements towards Chartered Professional Engineer professional status in New Zealand - NZ registration in the field of civil engineering as a Chartered Professional Engineer or an Engineering Technologist by the Institution of Professional Engineers New Zealand AND a minimum of five years' relevant post-qualification work experience	Canterbury*

Construction	Project Builder (including Building Project Manager and Site Foreman)	133112	One of the following qualifications: - A bachelor's degree at NZQF Level 7, or a higher qualification with the minimum equivalent of 360 credits, which includes the requirements of a New Zealand major in quantity surveying or construction economics - A Graduate Diploma at NZQF Level 7, or a higher qualification, which includes the knowledge requirements of a New Zealand Graduate Diploma in the focus areas of construction, construction management or construction project management - A diploma at NZQF Level 6, or a higher qualification, with the minimum equivalent of 240 credits, which includes the knowledge requirements of a New Zealand Diploma (Level 6) in the focus areas of quantity surveying, construction economics, construction management or building AND a minimum of three years' relevant post-qualification work experience	Canterbury*
Construction	Surveyor	232212	One of the following: - Bachelor of Surveying (NZQF Level 7) - Bachelor of Surveying with Honours (NZQF Level 8) - Registration as a Professional Surveyor with the New Zealand Institute of Surveyors - Professional Associate Membership or an Overseas Member of the New Zealand Institute of Surveyors (with an overseas degree approved by NZIS)	Canterbury*
Engineering	Civil Engineer	233211	One of the following: - A Washington Accord accredited (initial) engineering degree (listed - see Note 3) - A Bachelor of Engineering with Honours (NZQF Level 8) - A qualification at NZQF Level 7 or higher, with a letter from IPENZ certifying that the degree and any further learning meet the benchmark requirements towards Chartered Professional Engineer professional status in New Zealand - NZ registration as a Chartered Professional Engineer by the Institution of Professional Engineers New Zealand	Canterbury*
Engineering	Structural Engineer	233214	One of the following: - A Washington Accord accredited (initial) engineering degree (listed - see Note 3) - A Bachelor of Engineering with Honours (NZQF Level 8) - A qualification at NZQF Level 7 or higher, with a letter from IPENZ certifying that the degree and any further learning meet the benchmark requirements towards Chartered Professional Engineer professional status in New Zealand - NZ registration as a Chartered Professional Engineer by the Institution of Professional Engineers New Zealand	Canterbury*
Engineering	Electrical Engineer	233311	One of the following: - A Washington Accord accredited (initial) engineering degree (listed - see Note 3) - A Bachelor of Engineering with Honours (NZQF Level 8) - A qualification at NZQF Level 7 or higher, with a letter from IPENZ certifying that the degree and any further learning meet the benchmark requirements towards Chartered Professional Engineer professional status in New Zealand - NZ registration as a Chartered Professional Engineer by the Institution of Professional Engineers New Zealand	Canterbury*

Telecommunications	Telecommunications Engineer	263311	One of the following: - Bachelor of Engineering with Honours (Computer Engineering) or (Computer and Electronic Engineering) or (Computer Systems Engineering) or (Electronic Engineering) or (Electronics and Communication Engineering) or (Electronics and Computer Engineering) or (Electronic/s and Computer Systems Engineering) or (Network Engineering) (NZQF Level 8) - A Washington Accord or Sydney Accord accredited undergraduate (initial) engineering degree (listed - see note 3) - A qualification at NZQF Level 7 or higher, with a letter from IPENZ certifying that the degree and any further learning meet the benchmark requirements towards Chartered Professional Engineer professional status in New Zealand - NZ registration as a Chartered Professional Engineer or as an Engineering Technologist by the Institution of Professional Engineers New Zealand AND a minimum of three years' relevant post-qualification work experience	Canterbury*
Construction	Building Inspector / Building Surveyor	312113	One of the following qualifications: - A bachelor's degree at NZQF Level 7, or a higher qualification with the minimum equivalent of 360 credits, which includes the requirements of a New Zealand major in quantity surveying or construction economics - A Graduate Diploma at NZQF Level 7, or a higher qualification, which includes the knowledge requirements of a New Zealand Graduate Diploma in the focus areas of construction, construction management, or construction project management - A diploma at NZQF Level 6, or a higher qualification, which includes the credit and knowledge requirements of a New Zealand Diploma (Level 6) in the focus areas of building surveying, architectural technology, construction management, or quantity surveying AND a minimum of two years' relevant post-qualification work experience	All regions
Construction	Surveying Technician (Spatial Science Technician/Land Surveyor's Technician)	312116	One of the following: - A New Zealand Bachelor of Surveying (NZQF Level 7) - A New Zealand Bachelor of Surveying with Honours (NZQF Level 8) - A diploma at NZQF Level 6, or a higher qualification, which includes the credit and knowledge requirements of the New Zealand Diploma in Surveying (Level 6) - Professional Associate Membership of the New Zealand Institute of Surveyors AND a minimum of two years' relevant post—qualification work experience	All regions
Construction	Surveying or Spatial Science Technician (Building Information Modelling Professional)	312116	A bachelor's degree at NZQF Level 7, or a higher qualification with the minimum equivalent of 360 credits, which includes the requirements of a New Zealand major in the focus areas of architecture, construction management or engineering AND a minimum of five years' work experience in the construction industry including at least two years in Building Information Modelling related positions	All regions
Construction	Surveying Technician (Spatial Science Technician/ Hydrographic Technician)	312116	One of the following: - A New Zealand Bachelor of Surveying (NZQF Level 7) - A New Zealand Bachelor of Surveying with Honours (NZQF Level 8) - A diploma at NZQF Level 6, or a higher qualification, which includes the credit and knowledge requirements of the New Zealand Diploma in Surveying (Level 6) - Professional Associate Membership of the New Zealand Institute of Surveyors	Auckland/ Upper North Island
Engineering	Civil Engineering Draughtsperson	312211	A diploma at NZQF Level 6, or a higher qualification, which includes the credit and knowledge requirements of the New Zealand Diploma in Engineering (Civil) (Level 6)	All regions

Engineering	Civil Engineering Technician	312212	One of the following: - Bachelor of Engineering Technology (Civil Engineering) (NZQF Level 7) - A diploma at NZQF Level 6, or a higher qualification, with the minimum equivalent of 240 credits, which includes the knowledge requirements of the New Zealand Diploma in Engineering (Civil) (Level 6) - A Washington Accord or Sydney Accord accredited undergraduate (initial) engineering degree in Civil Engineering (listed - see Note 3) - A qualification at NZQF Level 7 or higher, with a letter from IPENZ certifying that the degree and any further learning meet the benchmark requirements towards Chartered Professional Engineer status in New Zealand - NZ registration in the field of Civil Engineering as a Chartered Professional Engineer or as an Engineering Technologist by the Institution of Professional Engineers New Zealand AND a minimum of three years' work experience including a minimum of 12 months' relevant post-qualification work experience in the past 18 months	Canterbury*
Engineering	Electrical Engineering Draughtsperson	312311	A diploma at NZQF Level 6, or a higher qualification, which includes the credit and knowledge requirements of the New Zealand Diploma in Engineering (Electrical) (Level 6)	All regions
Engineering	Electrical Engineering Technician	312312	One of the following: - Bachelor's degree in Engineering with Honours (Electrical and Electronic Engineering) (NZQF Level 8) - Bachelor of Engineering Technology (Electrical Engineering) (NZQF Level 7) - Bachelor of Engineering Technology (Electrical and Electronic Engineering) (NZQF Level 7) - A Washington Accord or Sydney Accord accredited undergraduate (initial) engineering degree in Electrical Engineering (listed - see Note 3) - A qualification at NZQF Level 7 or higher, with a letter from IPENZ certifying that the degree and any further learning meet the benchmark requirements towards Chartered Professional Engineer professional status in New Zealand - NZ registration in the field of Electrical Engineering as a Chartered Professional Engineer or as an Engineering Technologist by the Institution of Professional Engineers New Zealand AND a minimum of three years' relevant post-qualification work experience	Canterbury*
Trades	Metal Fabricator	322311	A certificate at NZQF Level 4, or a higher qualification, which includes the credit and knowledge requirements of one strand of the New Zealand Certificate in Engineering Fabrication (Trade) (Level 4) OR a minimum of three years' relevant work experience	Canterbury*
Trades	Welder	322313	A certificate at NZQF Level 4, or a higher qualification, which includes the credit and knowledge requirements of one strand of the New Zealand Certificate in Engineering Fabrication (Trade) (Level 4) OR a minimum of three years' relevant work experience	Canterbury*
Trades	Fitter-Welder	323213	A certificate at NZQF Level 4, or a higher qualification, which includes the credit and knowledge requirements of one strand of the New Zealand Certificate in Engineering Fabrication (Trade) (Level 4) OR a minimum of three years' relevant work experience	Canterbury*

Trades	Bricklayer	331111	A certificate at NZQF Level 4, or a higher qualification, which includes the credit and knowledge requirements of the Brick and Block Laying strand of the New Zealand Certificate in Trowel Trades (Level 4) AND Licensed Building Practitioner (LBP) licence to do Restricted Building Work (RBW) within the scope of the Bricklaying and Blocklaying Licence Class, EXCEPT IF the work will be done under the supervision of an appropriately LBP who is licensed to supervise RBW done within the scope of a Bricklaying and Blocklaying Licence Class OR the duties of the Bricklayer will not include RBW Note for employment where the entire or principal place of work being within the territorial authorities of Christchurch City Council, Selwyn District Council or Waimakariri District Council: A minimum of three years' relevant work experience, including at least 12 months' relevant work experience in New Zealand may be accepted in place of a certificate at NZQF Level 4, or a higher qualification, which includes the credit and knowledge requirements of the Brick and Block Laying strand of the New Zealand Certificate in Trowel Trades (Level 4)	Auckland/ Upper North Island, Canterbury*
Trades	Stonemason	331112	A certificate at NZQF Level 4, or a higher qualification, which includes the credit and knowledge requirements of one of the strands of the New Zealand Certificate in Stonemasonry (Level 4) Note for employment where the entire or principal place of work being within the territorial authorities of Christchurch City Council, Selwyn District Council or Waimakariri District Council: A minimum of three years' relevant work experience, including at least 12 months' relevant work experience in New Zealand may be accepted in place of certificate at NZQF Level 4, or a higher qualification, which includes the credit and knowledge requirements of one of the strands of the New Zealand Certificate in Stonemasonry (Level 4)	Auckland/ Upper North Island, Canterbury*
Trades	Carpenter and Joiner	331211	A certificate at NZQF Level 4, or a higher qualification, which includes the credit and knowledge requirements of the New Zealand Certificate in Carpentry (NZQF Level 4) AND A certificate at NZQF Level 4, or a higher qualification, which includes the credit and knowledge requirements of one strand of the New Zealand Certificate in Joinery (Level 4) AND Licensed Building Practitioner (LBP) licence to do Restricted Building Work (RBW) within the scope of the Carpentry Licence Class, EXCEPT IF the work will be done under the supervision of an appropriately LBP who is licensed to supervise RBW work done within the scope of the Carpentry Licence Class OR the duties of the Carpenter will not include RBW Note for employment where the entire or principal place of work being within the territorial authorities of Christchurch City Council, Selwyn District Council or Waimakariri District Council: A minimum of three years' relevant work experience, including at least 12 months' relevant work experience in New Zealand may be accepted in place of having the two qualifications referred to above	All regions
Trades	Carpenter	331212	A certificate at NZQF Level 4, or a higher qualification, which includes the credit and knowledge requirements of the New Zealand Certificate in Carpentry (Level 4) AND Licensed Building Practitioner (LBP) licence to do Restricted Building Work (RBW) within the scope of the Carpentry Licence Class, EXCEPT IF the work will be done under the supervision of an appropriately LBP who is licensed to supervise RBW work done within the scope of the Carpentry Licence Class OR the duties of the Carpenter will not include RBW Note for employment where the entire or principal place of work being within the territorial authorities of Christchurch	All regions

			City Council, Selwyn District Council or Waimakariri District Council: A minimum of three years' relevant work experience, including at least 12 months' relevant work experience in New Zealand may be accepted in place of having a certificate at NZQF Level 4, or a higher qualification, which includes the credit and knowledge requirements of the New Zealand Certificate in Carpentry (Level 4)	
Trades	Joiner	331213	A certificate at NZQF Level 4, or a higher qualification, which includes the credit and knowledge requirements of one strand of the New Zealand Certificate in Joinery (Level 4) OR a minimum of three years' relevant work experience, including at least 12 months' relevant work experience in New Zealand	All regions
Trades	Floor Finisher	332111	A certificate at NZQF Level 4, or a higher qualification, which includes the credit and knowledge requirements of one strand of the National Certificate in Flooring (Level 4) OR a minimum of three years relevant work experience, including at least 12 months' relevant work experience in New Zealand	Auckland/ Upper North Island, Waikato/ Bay of Plenty, Canterbury*
Trades	Glazier	333111	A certificate at NZQF Level 4, or a higher qualification, which includes the credit and knowledge requirements of one strand in the New Zealand Certificate in Glazing (Level 4) AND a minimum of two years' relevant post-qualification work experience AND Licensed Building Practitioner (LBP) licence to do relevant Restricted Building Work (RBW), EXCEPT IF the work will be done under the supervision of an appropriately LBP who is licensed to supervise relevant RBW, OR the duties of the Glazier will not include RBW Note for employment where the entire or principal place of work being within the territorial authorities of Christchurch City Council, Selwyn District Council or Waimakariri District Council: A minimum of three years' relevant work experience may be accepted in place of the requirement of a certificate at NZQF Level 4, or a higher qualification, which includes the credit and knowledge requirements of one strand in the New Zealand Certificate in Glazing (Level 4) and the minimum of two years' relevant post-qualification work experience	Auckland/ Upper North Island, Canterbury/ Upper South Island
Trades	Fibrous Plasterer	333211	A minimum of three years' relevant work experience AND Licensed Building Practitioner (LBP) licence to do Restricted Building Work (RBW) within the scope of the External Plastering Licence Class, EXCEPT IF the work will be done under the supervision of an appropriately LBP who is licensed to supervise RBW work done within the scope of the External Plastering Licence Class OR the duties of the Fibrous Plasterer will not include RBW Note for employment where the entire or principal place of work being within the territorial authorities of Christchurch City Council, Selwyn District Council or Waimakariri District Council the following is required instead of the above: A certificate at NZQF Level 4, or a higher qualification, which includes the credit and knowledge requirements of the Fibrous Plaster Installation strand of the New Zealand Certificate in Interior Linings Installation (Level 4) OR a minimum of three years' relevant work experience, including at least 12 months' relevant work experience in New Zealand AND Licensed Building Practitioner (LBP) licence to do Restricted Building Work (RBW) within the scope of the External Plastering Licence Class, EXCEPT IF the work will be done under the supervision of an appropriately LBP who is licensed to supervise RBW work done within the scope of a External Plastering Licence Class OR the duties of the Fibrous Plasterer will not include RBW	All regions

Trades	Solid Plasterer	333212	A minimum of three years' relevant work experience	All regions
			AND Licensed Building Practitioner (LBP) licence to do Restricted Building Work (RBW) within the scope of the External Plastering Licence Class, EXCEPT IF the work will be done under the supervision of an appropriately LBP who is licensed to supervise RBW work done within the scope of the External Plastering Licence Class OR the duties of the Solid Plasterer will not include RBW	
			Note for employment where the entire or principal place of work being within the territorial authorities of Christchurch City Council, Selwyn District Council or Waimakariri District Council the following is required instead of the above: A certificate at NZQF Level 4, or a higher qualification, which includes the credit and knowledge requirements of the Solid Plastering strand of the New Zealand Certificate in Trowel Trades (Level 4) OR a minimum of three years' relevant work experience, including at least 12 months' relevant work experience in New Zealand AND Licensed Building Practitioner (LBP) licence to do Restricted Building Work (RBW) within the scope of the External Plastering Licence Class, EXCEPT IF the work will be done under the supervision of an appropriately LBP who is licensed to supervise RBW work done within the scope of a External Plastering Licence Class OR the duties of the Solid Plasterer will not include RBW	
Trades	Roof Tiler	333311	A certificate at NZQF Level 4, or a higher qualification, which includes the credit and knowledge requirements of one strand of the New Zealand Certificate in Roofing (Installation) (Level 4) AND a minimum of three years' relevant work experience AND Licensed Building Practitioner (LBP) licence to do Restricted Building Work (RBW) within the scope of the Roofing Licence Class, EXCEPT IF the work will be done under the supervision of an appropriately LBP who is licensed to supervise RBW work done within the scope of the Roofing Licence Class OR the duties of the Roof Tiler will not include RBW	Auckland/ Upper North Island, Waikato/ Bay of Plenty, Canterbury/ Upper South Island, Otago/ Southland
			Note for employment where the entire or principal place of work being within the territorial authorities of Christchurch City Council, Selwyn District Council or Waimakariri District Council: A minimum of three years' relevant work experience, including at least 12 months' relevant work experience in New Zealand may be accepted in place of having a certificate at NZQF Level 4, or a higher qualification, which includes the credit and knowledge requirements of one strand of the New Zealand Certificate in Roofing (Installation) (Level 4)	
Trades	Wall and Floor Tiler	333411	A certificate at NZQF Level 4, or a higher qualification, which includes the credit and knowledge requirements of the Floor and Wall Tiling strand of the New Zealand Certificate in Trowel Trades (Level 4) OR a minimum of three years' relevant work experience, including at least 12 months' relevant work experience in New Zealand	Canterbury*
Trades	Plumber (General)	334111	Licensed or authorised as a Plumber (not including a limited certificate holder) by the Plumbers, Gasfitters and Drainlayers Board AND at least 12 months' relevant work experience in New Zealand	Canterbury*
Trades	Drainlayer	334113	Licensed or authorised as a Drainlayer (not including a limited certificate holder) by the Plumbers, Gasfitters and Drainlayers Board AND at least 12 months' relevant work experience in New Zealand	Canterbury*

Trades	Roof Plumber	334115	A certificate at NZQF Level 4, or a higher qualification, which includes the credit and knowledge requirements of one strand of the New Zealand Certificate in Roofing (Installation) (Level 4) AND a minimum of three years' relevant work experience AND Licensed Building Practitioner (LBP) licence to do Restricted Building Work (RBW) within the scope of the Roofing Licence Class, EXCEPT IF the work will be done under the supervision of an appropriately LBP who is licensed to supervise RBW work done within the scope of the Roofing Licence Class OR the duties of the Roof Tiler will not include RBW	Auckland/ Upper North Island, Waikato/ Bay of Plenty, Canterbury/ Upper South Island, Otago/ Southland
Trades	Airconditioning and Refrigeration Mechanic	342111	A certificate at NZQF Level 4, or a higher qualification, which includes the credit and knowledge requirements of the New Zealand Certificate in Refrigeration and Air Conditioning (Trade) (Level 4) AND at least 12 months' relevant work experience in New Zealand	Canterbury*
Trades	Electric Line Mechanic	342211	NZ registration as a line mechanic or a limited certificate as a line mechanic from the Electrical Workers Registration Board	Canterbury*
ICT, Electronics and Telecommunications	Cabler (Data and Telecommunications)	342411	A certificate at NZQF Level 4, or a higher qualification, which includes the credit and knowledge requirements of one of the strands of the New Zealand Certificate in Telecommunications (Level 4)	All regions
ICT, Electronics and Telecommunications	Telecommunications Cable Jointer	342412	A certificate at NZQF Level 4, or a higher qualification, which includes the credit and knowledge requirements of one of the strands of the New Zealand Certificate in Telecommunications (Level 4)	All regions
ICT, Electronics and Telecommunications	Telecommunications Technician	342414	A certificate at NZQF Level 4, or a higher qualification, which includes the credit and knowledge requirements of one of the strands of the New Zealand Certificate in Telecommunications (Level 4)	All regions
Transport	Truck Driver (General)	733111	NZ recognised Full Class 4 or 5 Driver Licence AND a minimum of three years' experience driving heavy rigid (gross laden weight of more than 18,000kg) or heavy combination (gross combined weight of more than 25,000kg) vehicles, including at least 12 months' relevant work experience in New Zealand	Canterbury*
Trades	Scaffolder	821712	A certificate at NZQF Level 4, or a higher qualification, which includes the credit and knowledge requirements of the New Zealand Certificate in Scaffolding (Level 4) AND a minimum of two years' relevant post-qualification work experience	All regions

^{*} For this occupation, Canterbury is defined as the area within the territorial authorities of Christchurch City Council, Selwyn District Council or Waimakariri District Council

Note 1: Qualifications listed (unless an exception is stated) are New Zealand awarded qualifications on the New Zealand Qualifications Framework (NZQF). Overseas qualifications must be comparable to the standard of the New Zealand qualification listed. Overseas qualifications therefore require an International Qualification Assessment (IQA) from the New Zealand Qualifications Authority stating the comparable NZQF qualification.

Note 2: Where post-qualification work experience is included as a requirement it applies to all qualifications listed for the occupation (unless otherwise indicated).

Note 3: Where a Washington Accord accredited undergraduate engineering degree is a requirement, the engineering degree has to be awarded from or after the date the country became a signatory, and must be on the list of accredited programmes of the signatory country. To determine if an engineering degree awarded is Washington Accord accredited, please refer to the links from the International Engineering Alliance on their website: http://www.ieagreements.org/Washington-Accord/Accredited.cfm.

Where a Sydney Accord accredited undergraduate engineering degree is a requirement, the engineering technology degree has to be awarded from or after the date the country became a signatory, and must be on the list of accredited programmes of the signatory country. To determine if an engineering technology degree awarded is Sydney Accord accredited, please refer to the links from the International Engineering Alliance on their website: http://www.ieagreements.org/Sydney/signatories.cfm.

Note 4: A letter, certificate or registration from the Institution of Professional Engineers New Zealand Incorporated (IPENZ), as Engineering New Zealand was formerly known, may be used to meet the requirement for a letter, certificate or registration from Engineering New Zealand. A letter from IPENZ may also be used to meet an applicable requirement instead of a letter from IT Professionals New Zealand. IPENZ's name changed to Engineering New Zealand in October 2017.