

SOUTH ISLAND IQP REGISTRATION PANEL

(Independent Qualified Persons)

PO Box 522

Timaru 7940

Phone: 03 687 7200

Fax 03 687 7209

FIRST SCHEDULE

GUIDELINES FOR MINIMUM QUALIFICATION AND EXPERIENCE REQUIRED FOR ACCEPTANCE OF INDEPENDENT QUALIFIED PERSONS STATUS

Note: Evidence of a working knowledge and/or experience **MUST** accompany each application and be completed in Part B of the Application Form.

			Insp	Mtc
1	Automated systems for fire protection	<p>SS1 (a) SPRINKLER - Water Suppression Sprinkler Systems for Fire Protection 3 Years Experience as a Sprinkler Systems Technician demonstrating knowledge of design, maintenance, testing, routine inspection of: fire sprinkler systems; system components used for fire sprinkler systems; and requirements for fire sprinkler systems and Level 4 NZQA - National Certificate Fixed Fire Protection Systems.</p> <p>SS1 (b) Fixed Kitchen Suppression Systems 3 Years Experience as a Technician demonstrating maintenance and testing and routine inspection of Fixed Kitchen Suppression systems in this field and provide level of qualification and justification of being appropriately experienced</p> <p>SS1 (c) Gaseous Flood Systems 3 Years Experience as a Gaseous Flood Systems Technician demonstrating maintenance and testing, and routine inspection in this field and working with NZS1851:2012 and provide level of qualification and justification of being appropriately experienced</p> <p>Testing only – Evidence of suitable experience in testing systems.</p>	√	√
2.1	<p>Automatic or manual emergency warning systems for fire or other dangers.</p> <p><u>Subsection 1 – Simple fire alarm systems</u> Such as type B, Type 1 manual and Type 2 systems, and conventional Type 3 fire alarms of 4 zones or less. Systems which are not interfaced with other building safety systems or specified systems. Systems not directly connected to the FENZ watch room. These are low risk systems which do not</p>	<ul style="list-style-type: none"> • A minimum of a Level 3 NZQA qualification and relevant 3 years FTE practical experience is required to maintain such systems. <p>Qualifications</p> <ul style="list-style-type: none"> • Registered Electrician or, • Fire Detection & Alarm Systems L4 NZQA; or • Inspection & Testing L3 NZQA; or • Relevant equivalent overseas qualification or working towards a current industry qualification. <p>Note: completion of any of these qualifications in their own does not represent approval but contributes significantly to the overall evaluation.</p>	√	√

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	require special tools or equipment or experience to inspect, maintain or report on.			
2.2	<p>Automatic or manual emergency warning systems for fire or other dangers.</p> <p><u>Subsection 2 – Complex Fire Alarm systems</u></p> <p>All systems larger than 4 zones. Larger Type 3 systems, all Type 4 and analogue systems where specialist equipment and knowledge is required to both interrogate and programme systems etc.</p>	<ul style="list-style-type: none"> A minimum of a Level 4 NZQA qualification. Evidence of 4 years FTE of experience in installation and maintenance of such systems, and additional practical experience such as training or work with at least one manufacturer – Ampac, Pertronic, Vigilant etc. Evidence of at least one training course with such manufacturer. <p>Qualifications</p> <ul style="list-style-type: none"> Registered Electrician or, Fire Detection & Alarm Systems L4 NZQA; or Relevant equivalent overseas qualification AND evidence of at least 2 years FTE experience in installing maintaining and inspecting Fire systems in New Zealand, to create the minimum 4 years FTE required. <p>Note: completion of any of these qualifications in their own does not represent approval but contributes significantly to the overall evaluation.</p>	√	√
2.3	<p>SS2/3: Automatic or manual emergency warning systems for fire and other dangers</p> <p><u>Subsection 3 – Warning systems for dangers other than fire</u></p> <p>Other specialist Systems - CO, ammonia, methane, man-trapped alarms, and other such specialist systems. Provide a minimum SS2/1 level of level of attainment and evidence of specific experience of systems proposed to be maintained. NOTE – This IQP Accreditation will be suffixed with the specific system. E.g., SS 2/3 (Siemens CO gas detection system)</p>	<ul style="list-style-type: none"> Provide specific training and evidence of experience with the specialist system(s) to be maintained. <p>Qualifications</p> <ul style="list-style-type: none"> Manufacturer training on system(s) inspecting. Other specialist systems qualifications (or) Relevant equivalent overseas qualification or current industry qualification 	√	√

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3	Electromagnetic or automatic doors or windows	<ul style="list-style-type: none"> Evidence of suitable experience as an Installation Technician. Note It is essential that the type of doors to be inspected is identified in the application. 	√	√
4	Emergency Lighting System	<ul style="list-style-type: none"> Registered electrician and evidence of a working knowledge of AS/NZS 2293, Clause F6 of NZBC and approved documents. 	√	√
		<ul style="list-style-type: none"> Evidence of testing system and working knowledge of AS/NZS 2293, Clause F6 of NZBC and approved documents. 	√	
5	Escape route pressurisation unit	<ul style="list-style-type: none"> CPEng Mechanical Engineer, or Evidence of a suitable qualification, and 3 years' experience as an Installation Technician, and Current SS9 registration required. <p>Other: Knowledge of fire control and fire alarm interfaces, electrical supply and control plus pressure control systems.</p>	√	√
6	Riser mains for fire service use	<ul style="list-style-type: none"> Evidence of 3 years' experience as an Installation Technician. Working knowledge of NZS 4510 Knowledge of Backflow Prevention 	√	√
7	Automatic backflow preventer connected to potable water supply	<ul style="list-style-type: none"> Certifying Plumber, Demonstration of a working knowledge as an installation technician; or Suitable NZQA standard qualification. 	√ √	√

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8	Lifts, escalators, travelators or similar system	<p>1.1 Inspection of mechanical access equipment up to 0.2m of speed excluding escalators, only need to:</p> <ul style="list-style-type: none"> To be endorsed by the manufacturer, manufacturers agent or CBIP level2 Inspector. To have demonstrated understanding of the Building Act compliance schedule process and documenting requirements. Have completed a basic barrier free course. <p>Applicable Equipment types: -</p> <ul style="list-style-type: none"> - Stair lifts. - Platform lifts vertical and inclined <ul style="list-style-type: none"> - dumbwaiters • Inspection of mechanical access equipment >0.2m/sec also need to: - <ul style="list-style-type: none"> • Have been endorsed by a lift manufacturer or agent. • Have demonstrated understanding of the Building Act compliance schedule and documenting requirements. • Working knowledge of NZS4121 and of D1 + D2. • Have completed a level 1 CBIP examination and been certified. <p>Applicable equipment types: -</p> <ul style="list-style-type: none"> - Goods & freight lifts - Passenger lifts Electric and Hydraulic - Inclined roadway lifts - Escalators and Auto walks <p>2 Provisos:</p> <ul style="list-style-type: none"> • These qualifications only relate to those skills necessary to competently carry out compliance schedule inspection and it is separate to consent commissioning of new equipment inspections. 	√	√
9	Mechanical ventilation or air conditioning	<ul style="list-style-type: none"> • CPEng Mechanical Engineer (Heating & Ventilation), or • National certificate in Heating & Ventilation and Air Conditioning Level 4, • New Zealand Certificate in Air Conditioning Installation (Level 4) – NZQA qual 4363 • New Zealand Certificate in Refrigeration and Air Conditioning (Trade) (Level 4) – NZQA qual 2366 • New Zealand Certificate in Mechanical Building Services (Trade) (Level 4) – NZQA qual 2717 • New Zealand Certificate in Mechanical Engineering (Advanced) (Level 5) – NZQA qual 2716 	√	√

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		<p>plus</p> <ul style="list-style-type: none"> • Minimum 4 years installation experience in the industry, <p>or</p> <ul style="list-style-type: none"> • Higher qualification such as National Diploma in engineering Level 6 with 1 years' experience ventilation industry or CPEng with such specialist considered. 		
10	Building Maintenance units for providing access to the exterior and interior walls of building	<ul style="list-style-type: none"> • Chartered Professional Engineer or • Evidence of suitable qualification and 3 years' experience as installation technician. 	√	√
11	Laboratory fume cupboards	<ul style="list-style-type: none"> • CPEng Mechanical Engineer (Heating & Cooling) <p>or</p> <ul style="list-style-type: none"> • National certificate in Heating & Ventilation and Air Conditioning Level 4 <p>plus</p> <ul style="list-style-type: none"> • Evidence of suitable qualification and 3 years' experience as installation technician. <p>or</p> <ul style="list-style-type: none"> • Higher qualification such as National Diploma in engineering Level 6 with 1 years' experience ventilation industry or CPEng with such specialization considered. 	√	√
12	Audio loops or other assistive listening systems	<ul style="list-style-type: none"> • Evidence of suitable qualification and 1 years' experience as installation technician. 	√	√
13	Smoke control systems	<p>13.1, 13.2</p> <ul style="list-style-type: none"> • CPEng Mechanical Engineer or evidence of suitable qualification or experience <p>or</p> <ul style="list-style-type: none"> • CPEng Mechanical Engineer (Heating & Ventilation) <p>or</p> <ul style="list-style-type: none"> • National certificate in Heating, Ventilation and Air Conditioning Level 4, <p>Plus</p> <ul style="list-style-type: none"> • Minimum 3 years' experience as installation technician, <p>or</p> <ul style="list-style-type: none"> • Another qualification such as National Diploma in engineering Level 6 with strands in mechanical ventilation or CPEng with such specialist in mechanical considered. <p>13.3</p> <ul style="list-style-type: none"> • Evidence of suitable experience as an Installation Technician 3 years minimum (security type installs) <p>And</p> <ul style="list-style-type: none"> • Registered electrician and/or Fire alarm technician and/or SS2 approved IQP 	√	√

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14	<p>Emergency power systems for any feature specified in any of clauses 1 to 13.</p> <p>Signs for specified systems 1-13 will be accessed under their relevant Specified System</p>	<p>Evidence of suitable qualification and 3 years experience as installation technician.</p> <p>Note 1: The above criteria relates to Emergency power systems only.</p> <p>Note 2: Signs for clauses 1 – 13 will be accessed under their relevant Specified System.</p>	√	√
15(a)	<p>Systems for communicating spoken information intended to facilitate evacuation</p>	<ul style="list-style-type: none"> • Must have SI IQP acceptance for SS 2, and • Four years minimum experience having worked in the Fire Protection Industry as a Fire Alarm, Systems Technician with experience in EWIS. • National Certificate in Fire Detection and Alarm Systems Level 4, or • National Certificate in Fire Detection and Alarm Systems (testing) Level 3, or • National Certificate in Fire Protection Systems Technology (inspection and testing) Level 4, and • Evidence of suitable experience working with the above and building regulations, specified systems and forms regulations, and • Thorough knowledge of Fire and Emergency NZ (Fire safety, evacuation procedures, and evacuation schemes) Regulations 2018, and • Thorough knowledge of the specific requirements of AS1670.4 with regard to staged evacuation systems and intercommunication systems. 	√	√
15(b)	<p>Final Exits (as defined by clause A2 of the building code)</p>	<ul style="list-style-type: none"> • Evidence of a thorough working knowledge of NZSS 1900 chapter 5, Clause D1 NZBC and approved documents. Clause C2 NZBC and approved documents. NZS 4121 • Evidence of suitable experience working with the above documents. • An awareness of the Fire and Emergency NZ (Fire safety, evacuation procedures, and evacuation schemes) Regulations 2018 	√	√
15(c)	<p>Fire Separations (as defined by clause A2 of the building code)</p>	<ul style="list-style-type: none"> • Evidence of a thorough working knowledge of NZSS 1900 chapter 5 and approved documents Clauses C2, C3 & C4 NZBC • To be able to demonstrate a sound knowledge of the spread of fire and the construction and location of fire separations. • An awareness of the Fire and Emergency NZ (Fire safety, evacuation procedures, and evacuation schemes) Regulations 2018 	√	√
15(d)	<p>Signs for communicating information intended to facilitate evacuation</p>	<ul style="list-style-type: none"> • Evidence of a thorough working knowledge of NZSS 1900 chapter 5 and approved documents Clause C2 NZBC as they relate to exit and evacuation signage. 	√	√

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15(e)	Smoke Separations (as defined by clause A2 of the building code)	<ul style="list-style-type: none"> • Evidence of a thorough working knowledge of NZSS 1900 chapter 5 and approved documents Clauses C2, C3 & C4 NZBC • To be able to demonstrate a sound knowledge of the spread of fire and the construction and location of smoke separations. • An awareness of the Fire and Emergency NZ (Fire safety, evacuation procedures, and evacuation schemes) Regulations 2018 	√	√
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SS16	Cable Cars	<ul style="list-style-type: none"> • Thorough knowledge of NZS 5270: 2005, and • 5 years minimum work experience associated with the installation/maintenance/testing of cable cars, or • 5 years minimum work experience in passenger lift maintenance and inspection procedures, and Electrical registration, or trade certificate in fitting, turning, machining, welding. • Standard NZS 5270:2005; Practical and written evidence of inspections and maintenance having previously being carried out utilizing this standard that include some or all of the following; <ul style="list-style-type: none"> • Machinery and machinery space • Runway (tracks) • Car • Landing doors • Operation • Clearances (car/platforms; car/runway; crush hazards – end clearances between car & fixed objects • Landings • Visual checks • Check of maintenance records 	√	√
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Amended 24/02/2026