

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	<ul style="list-style-type: none"> 3 years experience as a Sprinkler Systems Technician. Testing only – Evidence of suitable experience in testing systems. 	√	√
2	Emergency warning system for fire or other dangers	<ul style="list-style-type: none"> Type 1 & 2 alarms inspection. Evidence of suitable experience in testing systems and evidence of a working knowledge of NZS 4512, Clause F7 of NZBC and approved documents. 	√	
		<ul style="list-style-type: none"> Type 1 & 2 alarms for maintenance. Evidence of suitable experience as a technician and evidence of a working knowledge of NZS 4512, Clause F7 of NZBC and approved documents. 	√	√
		<ul style="list-style-type: none"> Type 3 & 4 alarms. Evidence of a working knowledge of NZS 4512, Clause F7 of NZBC and approved documents, and 3 years experience as a technician. 	√	√
		<ul style="list-style-type: none"> Testing only – Evidence of suitable experience in testing systems. 	√	
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 year's experience as an Installation Technician. Working knowledge of NZS 4510 Knowledge of Backflow Prevention 	√	√

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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. 	<p>√</p> <p>√</p>	<p>√</p>
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 <ul style="list-style-type: none"> • Inspection of mechanical access equipment >0.2m/sec also need to:- • 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. 	<p>√</p>	<p>√</p>

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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, plus • Minimum 3 years installation experience in the industry, or • Higher qualification such as National Diploma in engineering Level 6 with 1 year's 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) or • National certificate in Heating & Ventilation and Air Conditioning Level 4 plus • Evidence of suitable qualification and 3 years experience as installation technician. or • 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. 	√	√

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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 or • CPEng Mechanical Engineer (Heating & Ventilation) or • National certificate in Heating, Ventilation and Air Conditioning Level 4, Plus • Minimum 3 year's experience as installation technician, or • 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 	√	√
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>	√	√
<p>NOTE: Specified System 15 (b) through to 15(e) and Feature m (1991 Act) have been subdivided into two classifications namely Low Risk buildings and High Risk buildings.</p>		<p>Low Risk Buildings are -</p> <ul style="list-style-type: none"> - Places of assembly (less than 100 people) - Buildings 2 floors or less - Factories less than 10 persons <p>Any other building of similar risk</p> <p>A lesser qualification and experience may be considered for the Low Risk Buildings list above.</p> <p>High-Risk Buildings are -:</p> <p>Places of assembly (more than 100 persons)</p> <ul style="list-style-type: none"> - Hotels/Night Clubs/Taverns - Stadiums - High Rise Building (3 or more floors) - Factories (10 or more persons) - Apartments - OPH - Hospitals - Theatres/Cinemas - Terminal Buildings - Supermarkets/Apartment Stores - Any other buildings of similar risk 		

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15(a)	Systems for communicating spoken information intended to facilitate evacuation	<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 Safety and Evacuation of Buildings Regulations, and • Thorough knowledge of the specific requirements of AS1670.4 with regard to staged evacuation systems and intercommunication systems. 	√	√
15(b)	Final Exits (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, 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 Safety and Evacuation of Building Regulations 2006 	√	√
15(c)	Fire 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 fire separations. • An awareness of the Fire Safety and Evacuation of Building Regulations 2006 	√	√
15(d)	Signs for communicating information intended to facilitate evacuation	<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. 	√	√
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 Safety and Evacuation of Building Regulations 2006 	√	√

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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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