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| **IMG05 Web House.gif Waikato Building Consents** |
| **Compliance Schedule Details:** **SS 13/3 – Smoke Curtains** |
| **Please provide the following information with your Building Consent Application - Form 2**(*If you need help to complete this form, consult the system provider or an IQP who is registered for the system above)* |
| Applicant Name: ……………………………………..……..…Site Address: ……………………………………….………….………………………………………………………………..…Existing Compliance Schedule Number(s): *(if applicable)* …………………………………..............................................………………………………….............................................. | Building Name: …………………………………..…………… Installation provider:*(if known)* …………………………………………………………………..............................................Risk / Purpose group: …………………………….…………..Fire Hazard Category: ……………………….……………….Total Occupant Load: ……………………….……………….. |
| **SPECIFIED SYSTEM DESCRIPTION** (address those items that apply) |
| **Specified systems:**  | £ Existing £ New £ Modified £ Removed |
| **Type:** | £ has been installed to control smoke movement within a building. |
| **Location Plan for specified systems and records is attached**: £ YES £ NO  |
| **No.** |  **Equipment location**  | **Make** *(Main components)* | **Model** |
| 1 |  |  |  |
| 2 |  |  |  |
| 3 |  |  |  |
| 4 |  |  |  |
|  | *If needed continue the list on another sheet of paper* |
| **STANDARDS (**address those items that apply) |
| Specifically, designed solutions do not apply if the system has been installed against a specific Standard / document. |
| **Performance / installation:*****Note:*** *Unless the standard specifies an amendment to the standard, it is to be read as the First Edition (original version)* | £ AS 1851-2012 Routine service of fire protection systems and equipment (Original Version – 03 December 2012) £ AS 1851-2005 Maintenance of Fire Protection Systems and Equipment (Original Version – 12 September 2005) £ BS EN 12101-1.2005 smoke and heat control systems specification for smoke barrier (Amendment 1 – 01 January 2006) £ Specifically, designed solution prepared by a person who, on the basis of experience and qualifications, is competent to do so. (Details provided)£ Other: ……………………………….  |
| **Inspections:*****Note:*** *Unless the standard specifies an amendment to the standard, it is to be read as the First Edition (original version* | £ AS 1851-2012 (Original Version – 03 December 2012) – Section 13£ Other: ………………………………..  | £ Specifically, designed solution prepared by a person who, on the basis of experience and qualifications, is competent to do so. (Details provided) |
| **Maintenance:*****Note:*** *Unless the standard specifies an amendment to the standard, it is to be read as the First Edition (original version* | £ AS 1851-2012 (Original Version – 03 December 2012) – Section 13 Clause 13.4.1.11-12£ Other: ……………………………….  | £ Specifically, designed solution prepared by a personwho, on the basis of experience and qualifications, is competent to do so. (Details provided)*Continue on the next page* |
| **INSPECTIONS, MAINTENANCE AND REPORTING** (address those items that apply) |
| **Minimum inspection and maintenance procedures:**  | Regular inspection and testing, and planned preventative maintenance and responsive maintenance, will be carried out in accordance with the nominated performance and inspection Standard/document, to ensure effective operation for the required duration in the event of a fire. |
| **Inspection frequency and responsibility:** | Depending on the type of installation and its performance standard/document:£ Specifically, designed solutions: by IQP only£ Standard /other document: £ Six-Monthly by IQP only£ Annually by IQP only   |
| **Inspections:** | **Six Monthly Inspections*** Visual inspection
	+ Check that the curtain has no obstructions within the area of travel and within the ceiling slot through which the curtain drops.
	+ Check that the curtain fabric is intact and has no signs of damage.
* Operation check
	+ Activate the fire alarm signal and check the correct automatic operation of the curtain. The curtain should descend to the correct level, and curtain edges should have clearances, which provide an effective smoke barrier
	+ For automatic retracting curtains, reset the alarm signal and check that all curtains retract.
	+ For manual retraction systems, reset the alarm and manually retract the curtain
	+ Inspect the curtain again to make sue the fabric has rolled up correctly and the bottom bar had not snagged on any obstacle during retraction
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| **Annual Inspections*** Carry out six monthly inspections as detailed above.
* Check and record mains voltage to the system:
* At the control panel for powered systems or
* At the electro-mechanical ‘hold open’ device for non-powered systems
* Check fuses, isolators, relays and contactors.
* Check and record voltage supplied to the motors of powered curtains.
* Check security of fabric fixing to bottom bar
* Check and record satisfactory operation of smoke curtain from the control panel (typically applies to powered curtains only)
* Check and record fail safe operation on removal of power to the system.
* Carry out a visual inspection of the casing mechanical fixings and guide rails (where fitted)
* Leave installation in fully automatic operating mode after inspecting and testing.
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| **Maintenance:** | * Replace fuses, isolators, relays or contactors found to be faulty.
* Tighten terminals where necessary.
* Repair fabric fixing to bottom bar where not secure.
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| **Reporting:** | The owner will keep records of all inspections, maintenance and repairs undertaken in the previous 24 months. These will be recorded in the On-Site Logbook, which will remain on the premises with the most recent compliance schedule, and as a minimum include:* Details of any inspection, test or preventative maintenance carried out, including dates, works undertaken, faults found, remedies applied and the person who performed the work.
* Form 12A provided annually by the IQP.
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