

SS 15.5 - SMOKE SEPARATIONS

System description: Smoke Separations			
	Location and Type Eg. gib ceiling, glass wall	Doors, hold open devices etc. used	Features
1			
2			
3			
4			
5			
6			
Installation Standard:		<input checked="" type="checkbox"/> New Zealand Building Code C4 Movement to a place of safety 4.3 (a-c) & 4.5. <input checked="" type="checkbox"/> C/AS2 Acceptable solution for buildings with sleeping (non-institutional) Part 4 – 4.16.13 - SMOKE DOORS IN FIRE SEPARATIONS (Smoke Seals). <i>(Delete if not applicable)</i> <input checked="" type="checkbox"/> AS/NZS 1668.1:2015 The use of ventilation and air conditioning in buildings Part 1: Fire & smoke control in buildings. <i>(interfaced with the alarm - delete if not applicable)</i> <input checked="" type="checkbox"/> BS EN 12101.1:2005 Smoke and heat control systems- Specification for smoke barriers. <i>(Delete if not applicable)</i> <input checked="" type="checkbox"/> C/AS2 Acceptable Solution for Buildings with Sleeping Part 4 - 4.16.2 (a) (b) - SMOKE DOORS. <i>(Delete if not applicable)</i> <input checked="" type="checkbox"/> C/AS2 Acceptable Solution for Buildings with Sleeping Part 4 - 4.16.4, 4.16.5 & 4.16.6 SMOKE DOORS LABELS & SIGNAGE. <i>(Delete if not applicable)</i> <input checked="" type="checkbox"/> Acceptable Solutions and Verification Methods F8 Signs 5.2- Smoke doors. <i>(Delete if not applicable)</i>	
Inspections & Maintenance Standard and Requirements:		<input checked="" type="checkbox"/> BS EN 12101.1:2005 Smoke and heat control systems- Specification for smoke barriers. <i>(Delete if not applicable)</i> <input checked="" type="checkbox"/> C/AS2 Acceptable solution for buildings with sleeping (non-institutional) Part 4 – 4.16.13 - SMOKE DOORS IN FIRE SEPARATIONS (Smoke Seals). <input checked="" type="checkbox"/> Acceptable Solutions and Verification Methods F8 Signs 5.2- Smoke doors. <i>(Delete if not applicable)</i> <input checked="" type="checkbox"/> As per the Compliance Schedule handbook (see below).	
As a minimum these inspections and maintenance procedures will be carried out:		Planned preventative maintenance and responsive maintenance will be carried out in accordance with the nominated performance and inspection standard or document to ensure the system will operate as required. (see below)	
	<input checked="" type="checkbox"/>	Daily (General Observation)	<input checked="" type="checkbox"/> Owner/Agent

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Inspection frequency and responsibility:	✓	Monthly (Inspection)	✓	Owner/Agent
	✓	Annually	✓	IQP
Inspections & Maintenance: <i>Daily / Monthly Inspections</i>	<ul style="list-style-type: none"> • Smoke separations should be visually inspected for: • Signs of damage or deterioration that could adversely affect their smoke control function, particularly with respect to closures, exposed smoke stopping and surface finish. • New penetrations without suitable smoke stopping <p>Doors forming part of an escape route to be checked and are not:</p> <ul style="list-style-type: none"> • locked • barred • blocked • Doors are not damaged or obstructed • Door leaves or fire shutters close and latch automatically from any position 			
Reporting:	<p>The owner must keep records of all inspections, maintenance and repairs undertaken in the previous 24 months. The records must be kept with the compliance schedule and as a minimum, include:</p> <ul style="list-style-type: none"> • Details of any inspections, tests or preventative maintenance carried out. Include dates, work undertaken, faults found, remedies applied, and the person who performed the work. • A Form 12A provided by an IQP annually. • The IQP is responsible for ensuring proper training is delivered and only people who have received training are to perform owner inspections. 			