

SS 15/5 – Smoke Separations

Specified System Description

System Status

New

Modified

Removed

System Type

Walls forming Protected Path in a Building

Smoke Resistant Lift Lobby

Smoke ceilings

A Smoke Stop Door

Other (*specify*):

System Interfacing

SS 2

Other (*specify*):

Not applicable

Standards

Performance / Installation Standards

C/AS2 Acceptable Solution for Buildings other than Risk Group SH (Amendment 2, Nov 2020).

C/VM2 Verification Method: Framework for Fire Safety Design (Amendment 6, Nov 2020).

BS EN 12101-1:2005 Smoke and heat control systems - Specification for smoke barriers (Amendment 1, 2006).

AS 1530.4:2014 Methods for fire tests on building materials, components and structures.
Part4: Fire-resistance tests for elements of construction.

AS 1530.4:2005 Methods for fire tests on building materials, components and structures Fire-resistance tests for elements of construction.

NZS 4520:2010 Fire-resistant doorsets.

NZS 1900.5:1988 Model building bylaw - Fire resisting construction and means of egress.

Specifically designed solution prepared by a person who, on the basis of experience and qualifications, is competent to do so (*Details provided*)

Other: (*specify*)

Inspection Standards

Inspection procedures in accordance with the details on pages 50 - 51 in the Compliance Schedule Handbook (Authored by Ministry of Business, Innovation and Employment (Amendment 3, Feb 2014).

Inspection procedures in accordance with the details on pages 50 - 51 in the Compliance Schedule Handbook (Authored by Ministry of Business, Innovation and Employment (Amendment 2, Oct 2011).

Inspection procedures in accordance with the details on pages 50 - 51 in the Compliance Schedule Handbook (Authored by Ministry of Business, Innovation and Employment (First Edition, May 2007 and Amendment 1, March 2008 Inc.).

AS 1851:2012 (Amendment 1, 2016) – Section 12.

NZ 4520:2010 – Section 7, Appendix A and Appendix C.

Specifically designed solution prepared by a person who, on the basis of experience and qualifications, is competent to do so. (*Details provided*)

Other: (*specify*)

Maintenance Standards

Maintenance procedures in accordance with the details on pages 50 - 51 in the Compliance Schedule Handbook (Authored by Ministry of Business, Innovation and Employment (Amendment 3, Feb 2014).

Maintenance procedures in accordance with the details on pages 50 - 51 in the Compliance Schedule Handbook (Authored by Ministry of Business, Innovation and Employment (Amendment 2, Oct 2011).

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AS 1851:2012 (Amendment 1, 2016) – Section 12.

NZ 4520:2010 – Section 7 and Appendix C.

Specifically designed solution prepared by a person who, on the basis of experience and qualifications, is competent to do so (*Details provided*)

Other: (*specify*)

Inspections, Maintenance and Reporting

Minimum Inspection and Maintenance Procedures

Regular inspection, testing, planned preventative maintenance and responsive maintenance will be carried out in accordance with the nominated performance and inspection standard/document to ensure the smoke separations prohibit the spread of smoke and, in the case of smoke doors; occupants are not prevented from leaving the building in the event of an emergency.

Inspection and Maintenance - Frequency and Responsibility

Depending on the type of installation and its performance standard:

Daily and Monthly by Owner

Six-Monthly and Annually by IQP

Standard / Other document (*specify*)

Inspections and Maintenance for Interfaced Systems

Annual Inspection: by IQP

The system is connected to the building's emergency warning system therefore testing of the interface between the two systems will be carried out annually.

The system is NOT connected to the building's emergency warning system.

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 Log Book, 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 name of the person who performed the work.
- Form 12A provided annually by the IQP.