

# SS13.3 Smoke Curtains



Please provide the following information

Date

*If you need help to complete this form, consult the system provider or an IQP who is registered for the system above*

Applicant Name

Building Name

Site Address

Classified Use

Existing Compliance Schedule Number(s) (if applicable)

Risk/Purpose Group

Fire Hazard Category

Total Occupant Load

## Specified System Description (address items that apply)

Specified Systems

Existing

New

Modified

Removed

Type

Has been installed to control smoke movement within a building.

Other

Location Plan for Specified Systems and Records is attached

Yes

No

**No**    **Equipment Location**

**Make (main components)**

**Model**

1

2

3

4

5

## Standards (address items that apply)

Specifically designed solutions do not apply if the system has been installed against a specific Standard(s) / document

### Performance / Installation

AS 1851-2012 Routine service of fire protection systems and equipment

AS 1851-2005 Maintenance of fire protection systems and equipment

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

Other

### Inspections

AS 1851-2012 – Section 13

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

Other

### Maintenance

AS 1851-2012 – Section 13 Clause 13.4.1.11-12

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

Other

### Inspections, Maintenance and Reporting (address items that apply)

#### Minimum inspection & maintenance procedures

Regular inspections and planned preventative maintenance and responsive maintenance will be carried out in accordance with the nominated standard/document to ensure continued effective operation of the system during occupation of the building.

#### Inspection frequency and responsibility

Depending on the type of installation and its performance standard/document:

Specifically designed solutions: by IQP only

Standard / another document:          Six-monthly by IQP only          Annually by IQP only

#### Inspections

##### Six-Monthly Inspections

##### Visual inspections

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 sure the fabric has rolled up correctly and the bottom bar had not snagged on any obstacle during retraction

##### Annual Inspections

Carry out six-monthly inspection 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

### **Maintenance**

Replace fuses, isolators, relays or contactors found to be faulty

Tighten terminals where necessary

Repair fabric fixing to bottom bar where not secure

### **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 or electronically, which will remain available with the most recent compliance schedule, and as a minimum include:

- Details of any inspection, test or preventative maintenance carried out, including dates, works under-taken, faults found, remedies applied and the person who performed the work.
- Form 12A provided annually by the IQP