

SS13.2

Natural Smoke Control Systems



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 solely to control or ventilate smoke in the event of a fire, and the smoke is removed or controlled using natural buoyancy methods

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

C/VM2 Verification Method: Framework for Fire Safety Design -24 November 2017 – Amendment 5

AS/NZS 1668.1:1998 The use of ventilation and air-conditioning in buildings - Fire and smoke control in multi-compartment buildings

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 1668:2012

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/Amdt 1-2016

AS 1851-2012 – Section 13

AS 1851-2005/Amdt 2-2008

AS 1851-2005

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: Inspect for damage to mechanical components including corrosion damage

Operational inspections.

Where a fire alarm signal is used, activate the fire alarm and check the correct automatic operation of the ventilator/s

Where a heat-activated fusible link is used, disconnect the fusible link and check the correct automatic operation of the ventilator/s. Reconnect fusible link following successful operation and return ventilator/s to normal position.

Annual Inspections

Carry out the six monthly visual and operation inspection and testing

Check energy source to:

Ventilator actuator e.g., gas charge in gas powered actuator

Electrical supply to motors or other electrical powered actuating devices

Power supply to any control panel

Power supply to any electro-mechanical 'hold closed' device

Check fuses, isolators, relays and contactors

Check condition of cables and terminals

Maintenance

- Replace any fuses, isolators, relays or contactors found to be faulty
- Tighten terminals where necessary

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