SS 13/2 – Natural Smoke Control

MARLBOROUGH DISTRICT COUNCIL

Specified System Description

System Status

- ○ New
- ○ Modified
- ○ Removed

System Type

- ☐ Natural Smoke Ventilator (open automatically after the outbreak of fire)
- ☐ Smoke Reservoir to retain or collect a Thermally Buoyant Smoke Layer
- ☐ Other (specify):

System Interface

- ☐ SS 2
- ☐ SS 3/3
- ☐ SS 9
- ☐ Other (specify):
- ☐ Not applicable

Standards

Performance / Installation Standards

- ☐ AS/NZS 1668.1:2015 The use of ventilation and air conditioning in buildings - Part 1: Fire and smoke control in buildings.
- ☐ AS/NZS 1668.1:1998 The use of ventilation and air-conditioning in buildings - Fire and smoke control in multi-compartment buildings.
- ☐ AS 1668.3:2001 The use of ventilation and air-conditioning in buildings - Part 3: Smoke control systems for large single compartments or smoke reservoirs.
- ☐ C/VM2 Verification Method: Framework for Fire Safety Design (Amendment 6, Nov 2020).

☐ C/AS2 Acceptable Solution for Buildings other than Risk Group SH – Cl. 4.1.3 Natural cross ventilation in vehicle parking (Amendment 2, Nov 2020).

☐ 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

☐ AS 1851:2012 (Amendment 1, 2016) – Section 13.

☐ AS 1851:2012– Section 13.

☐ AS 1851:2005 (Amendment 2, 2008) – Section 5.

☐ AS 1851:2005 (Amendment 1, 2006) – Section 5.

☐ AS 1851:2005 – Section 5.

☐ 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

☐ AS 1851:2012 (Amendment 1, 2016) – Section 13.

☐ AS 1851:2012– Section 13.

☐ AS 1851:2005 (Amendment 2, 2008) – Section 5.

☐ AS 1851:2005 (Amendment 1, 2006) – Section 5.

☐ AS 1851:2005 – Section 5.

☐ 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 effective operation of system for the required duration in the event of a fire.

Inspection and Maintenance - Frequency and Responsibility

Depending on the type of installation and its performance standard:

☐ 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 other specified systems, therefore testing of the interface between the two systems will be carried out annually.

☐ The system is NOT connected to other specified systems.

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.

Record No: 22209231
Date: 31 January 2023

Clear Form