

SS 1 – Automatic Systems for Fire Suppression

Specified System Description

System Status

New

Modified

Removed

System Type

Type 6 – Automatic Fire Sprinkler System with Manual Call Point

Type 7 – Automatic Fire Sprinkler System with Smoke Detectors and Manual Call Points

Gas Flood Fire Suppression System

Other (specify):

System Interfacing

SS 2

Other (specify):

Not applicable

Standards

Performance / Installation Standards

NZS 4541:2020 Automatic fire sprinkler systems.

NZS 4541:2013 Automatic fire sprinkler systems [as modified by C/AS2 (Amendment 2, Nov 2020) – Appendix B].

NZS 4541:2007 Automatic fire sprinkler systems.

NZS 4541:2003 Automatic fire sprinkler systems.

NZS 4541:1996 Automatic fire sprinkler systems.

NZS 4541:1987 Automatic fire sprinkler systems.

NZS 4541P:1972 NZ rules for automatic fire sprinkler installations.

NZS 4515:2009 Fire sprinkler systems for life safety in sleeping occupancies (up to 2000m²) [as modified by C/AS2 (Amendment 2, Nov 2020) – Appendix B].

NZS 4515:2003 Fire sprinkler systems for residential occupancies.

NZS 4515:1995 Fire sprinkler systems for residential occupancies (including private dwellings).

NZS 4515:1990 Residential fire sprinkler systems.

ISO 14520.1:2015 Gaseous fire-extinguishing systems — Physical properties and system design — Part 1: General requirements.

FPANZ Code of Practice for Gaseous Fire Suppression Systems (COP 01) – Authored by Fire Protection Association New Zealand (First Edition, Sep 2016).

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

NZS 4541:2020 - Part 12, Clause 12.3 to 12.4.

NZS 4541:2013 [as modified by C/AS2 (Amendment 2, Nov 2020) – Appendix B] - Part 12, Clause 12.3 to 12.4.

NZS 4515:2009 [as modified by C/AS2 (Amendment 2, Nov 2020) – Appendix B] - Part 8, Clause 8.2

AS 1851:2012 (Amendment 1, 2016) - Sections 1,2, 3 and 5

AS 1851:2012 - Sections 1,2, 3 and 5

ISO 14520.1:2015 - Part 9

FPANZ Code of Practice for Gaseous Fire Suppression Systems (COP 01) – Authored by Fire Protection Association New Zealand (First Edition, Sep 2016).

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Other: *(specify)*

Maintenance Standards

NZS 4541:2020 - Part 12, Clause 12.1 to 12.7.

NZS 4541:2013 [as modified by C/AS2 (Amendment 2, Nov 2020) – Appendix B] - Part 12, Clause 12.1 to 12.7.

NZS 4515:2009 [as modified by C/AS2 (Amendment 2, Nov 2020) – Appendix B] - Part 8.

AS 1851:2012 (Amendment 1, 2016) - Sections 1,2, 3 and 5.

AS 1851:2012 - Sections 1,2, 3 and 5.

ISO 14520.1:2015 - Part 9.

FPANZ Code of Practice for Gaseous Fire Suppression Systems (COP 01) – Authored by Fire Protection Association New Zealand (First Edition, Sep 2016).

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Other: (*specify*)

Inspections, Maintenance and Reporting

Minimum Inspection and Maintenance Procedures

Planned preventative inspection, maintenance and responsive maintenance will be carried out in accordance with the nominated performance and inspection standard/document, to ensure the system will operate as required in the event of a fire.

Equipment requiring Weekly Maintenance

Building contains Diesel Fire

Building contains an Electric Fire pump without an alarm

Not applicable

Inspection and Maintenance - Frequency and Responsibility

Depending on the type of installation and its performance standard:

Monthly, Quarterly 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.

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