

# Fire Sprinkler Systems



Fire Sprinkler Systems are designed to automatically contain and extinguish a fire. When the heat from the fire gets to a certain temperature the fire sprinkler heads operate spraying water over the fire. The operation of the fire sprinkler system typically activates a fire alarm and evacuation system to alert the occupants of the building. In most cases the Metropolitan Fire Service (MFS) are automatically advised of the activation of the sprinkler system.

South Australian regulations may require a Fire Sprinkler System to be installed in buildings where the building is greater than 2,000 square meters(1).

The sprinkler heads are located in all parts of the building at regular intervals. Any change to the walls within the building is likely to require the sprinkler heads to be relocated or additional sprinkler heads installed.

Fire System Services can undertake a review of your site and advise you if you are likely to require a fire sprinkler system and whether the layout of your existing fire sprinkler system meets the current Australian Standard.

The final determination of the type and layout of a fire sprinkler system is undertaken by a Building Surveyor.

Once installed a Fire Sprinkler System should be regularly maintained. The minimum maintenance requirements as documented in South Australian legislation and regulations(3) are:

- Monthly test to ensure that each sprinkler system will go into alarm
- Six (6) monthly test of all ancillary equipment
- Annual test to ensure that there is adequate water supply for the fire sprinkler system
- Five (5) yearly test full overhaul for the fire sprinkler system

The maintenance of a fire sprinkler system can only be undertaken by a trained FPAS Accredited Cert ii & licensed technician.

Fire System Services employs trained and accredited cert ii personnel in the testing of fire sprinkler systems - we are recognized as being competent.

It is recommended that only companies, such as Fire System Services, that are FPAS Accredited to maintain your fire equipment.

If you require further information please contact Fire System Services on free call 1300 88 3473.

**Fire System Services Pty Ltd**

(1) Development Act, 1991. Ministers Specification SA 76, 2000. Building Code of Australia (BCA)

The building includes the whole building unless it is divided into smaller compartments by fire rated walls

(2) Australian Standard AS 1851-2012 section 2 - Routine service of fire protection systems & equipment - Automatic fire sprinkler systems

Contact



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