

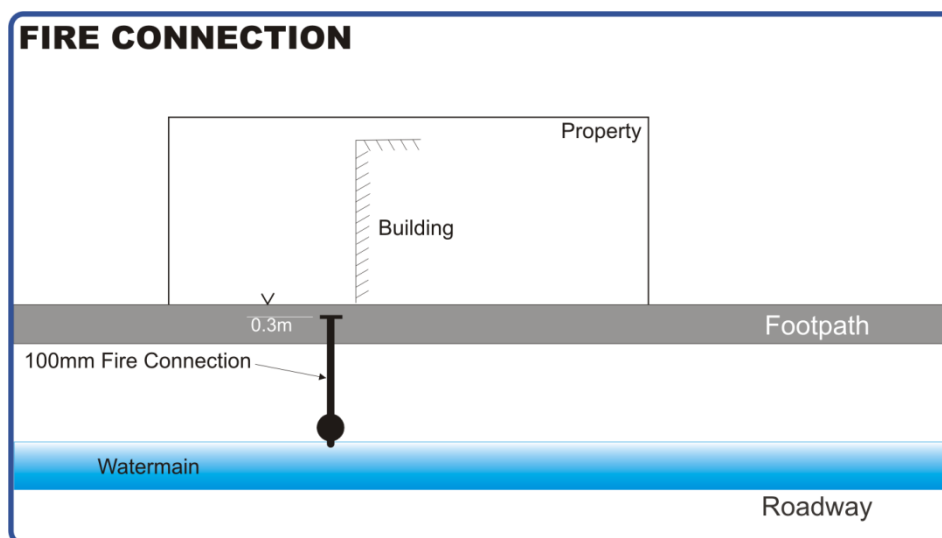
## Fire Connection

As fire connections can exert higher than normal demands on the water supply system they are to be used for emergency fire fighting purposes only.

If an appropriate size water main is available and a connection can be provided, SA Water will endeavour to construct a fire connection within 25 business days of receiving payment.

SA Water strongly recommends applicants request a SA Water Flow Test and/or Network Analysis to take place prior to the design and construction of the internal fire system. The Flow Test will provide information regarding expected flow rates and water pressures based upon a test conducted at the SA Water fire plug nearest the property. A Network Analysis provides more extensive information regarding flow rates and the water pressure the SA Water network may potentially supply to the property. SA Water does not accept any liability for flow rates and water pressures that do not meet South Australian Metropolitan Fire Service or Country Fire Service minimum requirements.

Hydraulic conditions in any water supply system can continuously change. A continuous supply or pressure of water cannot therefore be guaranteed for all fire fighting situations. To ensure fire connections operate effectively in an emergency situation, owners of premises with specific requirements should install their own back-up systems.



## Plumbing Requirements

To minimise delays in the installation of your internal fire connection piping within your property we suggest you make a booking with a licensed plumber around the same time you make payment to SA Water. A licensed plumber needs to be fully certified under AS/NZS 3500 – Quality Assurance.

Upon completion of the installation, the fire connection needs to be pressured tested to 1700 KPA in the presence of a SA Water officer.

## Customer Application

### Information We Need From You

- Your name, postal or email address, fax and phone number.
- The property address and the owner's name.
- A water reticulation plan showing the internal pipe work, sprinklers, hose reels and hydrants
- A signed site plan of the property indicating:
  - The exact measurement from the boundary to the new connection
  - The allotment number/CT reference or other unique identifier and the closest side street
  - Any existing fire connection to remain or to be disconnected along with the exact measurement from a side boundary
- You will need to advise us of any possible site obstructions, such as large trees or stobie poles, electricity or gas boxes, site toilet, rubble or brick letter box. Additional costs may be incurred if the connection cannot be constructed in the position nominated.

### Making an Application

- You will need to approach a consulting/hydraulic engineer to design an appropriately sized fire fighting resource for your property. Once you have this design specification, you can approach SA Water and we will consider your requirements:
  - For fire connection sizes 100 and 150mm and additional isolating valves 100, 150 and 200mm
  - For fire connection sizes >150mm and additional isolating valves >200mm
- The Fire Connection Application can be viewed at [sawater.com.au](http://sawater.com.au)
- To ensure your property can provide a continuous supply or pressure of water, it may be necessary to complete one of the following tests, [Flow Test Application Form](#) and/or [Network Analysis Application Form](#).

**The financial quote provided will be valid for 60 calendar days from the date of issue.**

### You are Responsible For

- Maintenance and repair of all pipe work and fittings connected to our fire connection.

### SA Water is Responsible For

- Any maintenance or repair to our fire connection and fittings. Contact SA Water on 1300 883 121.

### Application Approval

We will issue you with an approval letter and a tax invoice once your application has been approved. The approval letter will provide you with your service requirements along with your quote on your tax invoice. The tax invoice is valid for 60 calendar days from the date of issue. The tax invoice will only be issued once all requirements have been met.

Please call us on **1300 650 951** if you would like more information during our approval process.