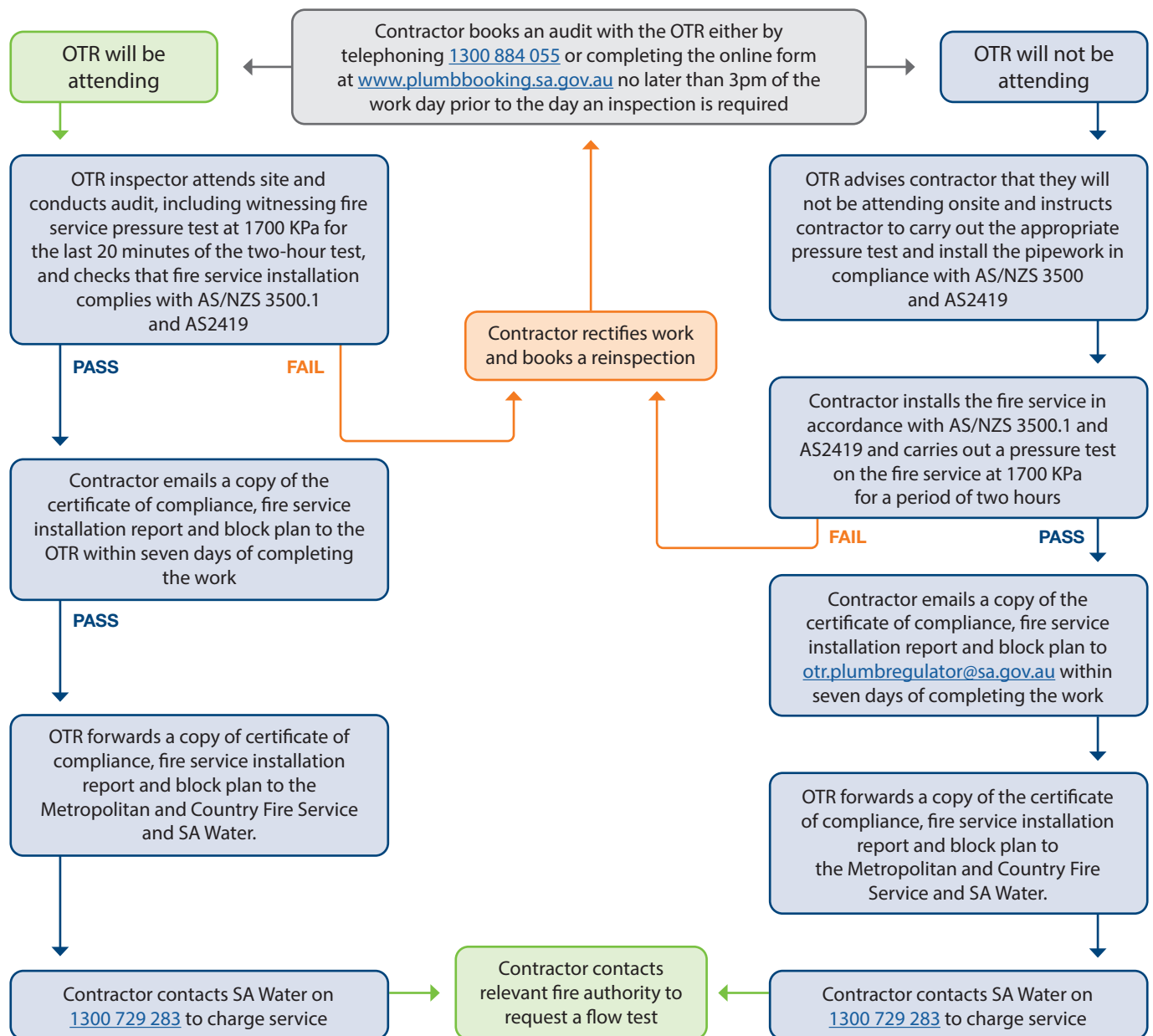


Fire service installation auditing

Plumbing Advisory Note

Revised October 2020

The Office of the Technical Regulator (OTR) audits fire service installations to ensure they comply with relevant standards. Plumbing contractors must follow certain processes when installing fire services, whether or not OTR inspectors attend onsite.



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What will be audited?

Auditing requirements are at the discretion of the OTR inspectors.

Examples of what the plumbing inspector may audit include:

- Backflow prevention devices and non-return valves are WaterMarked and comply with AS 2845.1
- Resilient seated gear activated isolating valves are WaterMarked
- Minimum cover for buried pipes (AS/NZS3500.1 Clause 5.10)
- Bedding of pipework and marking tape/tracer tape for non-metallic services
- Wrapping and/or sleeving (with copper and galvanised pipe work)
- Gauge/thickness of 150 mm copper piping
- Thrust blocks behind bends on changes of directions
- Materials and fittings shall comply with AS/NZS 3500.1 and AS 2419.1- 2005
- Galvanised steel pipe and fittings can only be installed downstream of a backflow device and limited to the booster riser up to 1.5m.
- The maximum length of fire hydrant booster riser pipe permitted below ground is 1.5 metres. The buried section of pipe shall be protected against corrosion by double wrapping with petrolatum tape
- Separation from various services shall comply with AS/NZS 3500.1 Clause 5.3
- Vehicle protection for hydrants

Turning off a fire service or recharging a fire service

To turn off a fire service valve or recharge a fire service, call the SA Water Customer Service Centre on [1300 729 283](tel:1300729283).

Submitting documentation

Certificates of compliance, fire service installation reports and block plans should be emailed to otr.plumbregulator@sa.gov.au or posted to:

The Office of the Technical Regulator – Plumbing
PO Box 320
Adelaide 5001

Contact the Office of the Technical Regulator for more information

Online sa.gov.au/otrplumbing

Email otr.plumbregulator@sa.gov.au

Phone 1300 760 311



**Government of
South Australia**