

PTSG

PREMIER TECHNICAL
SERVICES GROUP

Fire Solutions Ltd

SPRINKLER SYSTEMS



THE MOST RELIABLE WAY TO SAFEGUARD PROPERTIES AND PEOPLE FROM FIRE

OVERVIEW

The facts about sprinklers make compelling reading. No one has ever died in a domestic fire where a sprinkler system was fitted. Furthermore, 99% of fires in commercial buildings are controlled by sprinklers alone. Sprinklers are a simple, cost-effective and highly reliable piece of fire protection equipment. They are valuable in both commercial and domestic properties, reducing injuries by at least 80 per cent and property damage by 90 per cent.

PTSG designs, supplies, installs and commissions fire sprinkler systems, wet and dry risers for commercial and residential buildings in accordance with all applicable standards (BSEN 12845:2015, BS 9251:2014, BS 9990:2015, FM & NFPA). Our systems ensure complete fire safety and our flexible installation teams can provide the perfect system for any building type or layout.

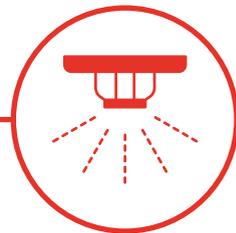




OUR SERVICE

Design, supply and installation

The automatic fire sprinkler system is the most widely used fire protection system today. Systems are designed to protect property and life, as specified by the various automatic fire sprinkler standards. While sprinklers are simple in design, the insurer or fire officer must adhere to British standards to achieve compliance.

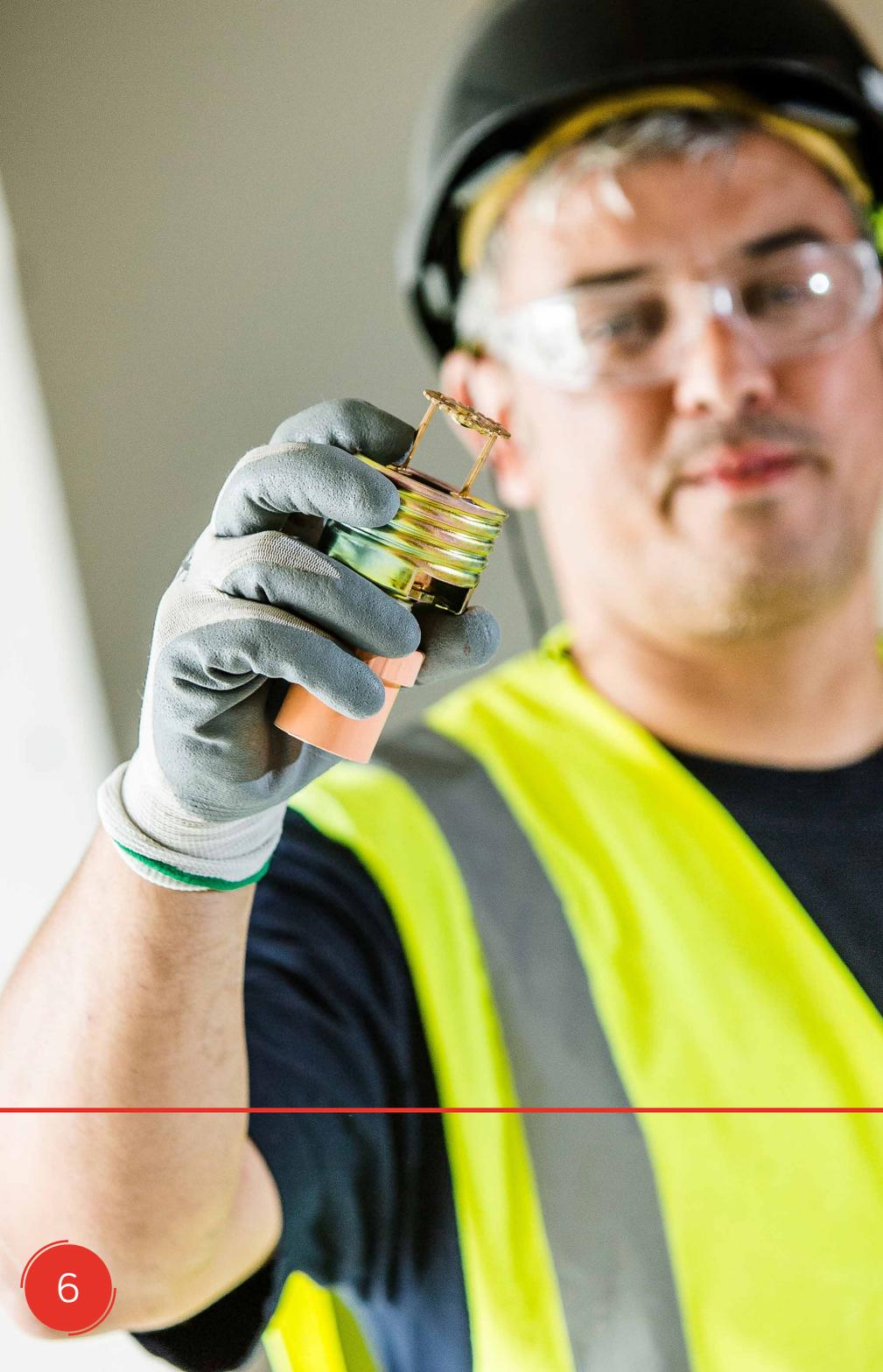


Commercial sprinklers

Within commercial properties, the British standard is BS EN12845:2015. In special circumstances, some of our systems are designed and installed to NFPA 13 and FM Global standards.

PTSG is a leading specialist in the design, supply, installation and maintenance of commercial fire sprinkler systems. PTSG's companies hold third party accreditations under both the LPCB 1048 and FIRAS C&I accreditation schemes, ensuring compliance and best practice on all of our projects.





Domestic sprinklers

Within domestic properties, the British standards are BS 9251:2014 for residential sprinklers and BS 8458:2015 for residential and domestic mist sprinkler systems.

We specialise in high rise blocks of apartments, houses, care homes, sheltered housing and retro fit installations, many of which have been for various councils.

Fire sprinklers are now widely used as part of the fire strategy in new-build homes and some building regulations require them to be fitted during building renovations.

The type of system will either be fed off the existing/proposed boosted cold-water supply, the town's main or a dedicated fire pump and tank. Which one is used will depend on the pressure and flow requirement as each system will undergo full hydraulic calculations.

The pipework can be run in voids or within specialised boxing to make the system invisible. The sprinkler heads come in many types, the most commonly used being a concealed sprinkler that sits flush with the ceiling, ensuring the room remains aesthetically pleasing.



Testing, inspection and Maintenance

Fire sprinkler systems need to be inspected and tested at least annually. Regular routine maintenance ensures systems are compliant and fully operational should they be called upon in an emergency. Utilising our nationwide network of service centres, PTSG undertakes servicing, repairs and maintenance to all fire sprinkler installation systems.



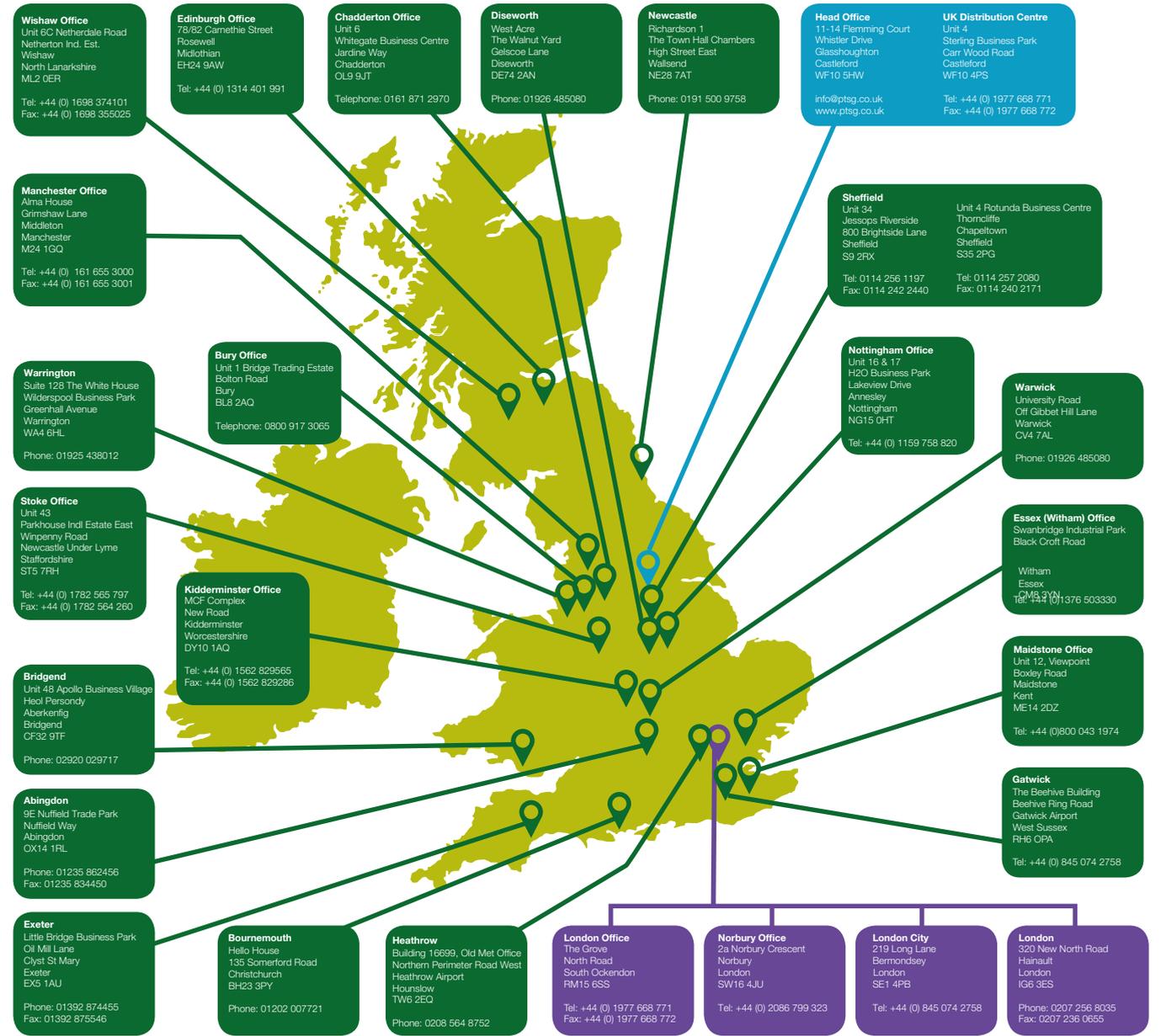
Our comprehensive testing and reporting procedures give our clients complete confidence in the quality and effectiveness of their sprinkler systems, including control valves, water supply, pipework and all other associated equipment.



ACCREDITATIONS



For more information visit ptsg.co.uk





ptsg.co.uk



01977 668 771



info@ptsg.co.uk



[@ptsgltd](https://twitter.com/ptsgltd)