



**Fire Protection
Association**
Fire and Risk Services

Sprinkler Expertise & Services



THE UK'S NATIONAL FIRE SAFETY ORGANISATION
Protecting people, property, business and the environment

Experience and Expertise

FPA is unrivalled in experience and expertise where Sprinkler installation and maintenance standards are concerned, so you can be sure that you are receiving the highest quality service in accordance with the very best practice. This expertise combined with use of our fire testing laboratory means the FPA is one of the leading sprinkler testing and training facilities in the UK.

We offer the following services;

In-Service Sprinkler Head Testing

Sprinkler heads are required in accordance with LPC Rules for Automatic Sprinkler Installations, BS EN 12845 Annex K to have a sample of heads tested every 25 years. This is a cost effective way to demonstrate that steps have been taken to ensure fire sprinklers continue to be fit for purpose. The testing is undertaken by our experienced staff in our laboratory.



Sprinkler Inspection Service

Automatic fire sprinkler systems have a proven record in protecting lives and property but any alteration, such as changes to storage arrangements, packaging or processes can have a major impact on the system's performance. It is the responsibility of the owner and/or the occupants under the Regulatory Reform (Fire Safety) Order 2005 to ensure all sprinkler systems can control the identified hazards. In addition European and UK standards require that a Review of Hazard is completed by a competent person at least once a year. The FPA offers an independent, high quality technical service including;

- Sprinkler System Audit to complete a full sprinkler system evaluation, including witnessing of water supply tests.
- Review of hazards including inspection of all processes and storage arrangements.
- Design checking service to review and commentary of design drawings prior to installations of sprinkler systems.

These services are aimed at the provision of technical reports and risk improvement programmes to ensure you can meet with the legislative requirements. All sprinkler inspection services are conducted in accordance with the requirements of the FPA quality management system that has been approved by LRQA in accordance with BS EN ISO 9001: 2000.



Sprinkler System Courses

The FPA offers several courses relating to sprinkler systems, design and maintenance.

Introduction to Sprinkler Systems and Components

A 2 day introduction to sprinkler systems covering operational aspects, design principles, application with other fire protection and the latest LPC Rules.

Sprinkler Systems Design

Basic – Over 5 days this course will provide students to design or approve ordinary hazard systems.

Intermediate – A 2 day course that builds on the basic qualification enabling students to understand sprinkler systems for base build multi-storey and high rise buildings.

LPCB Sprinkler Systems Exam

The LPS 1048 scheme sets out the basis for approval of sprinkler systems installers in both design and installation, including the levels of competence required for different calluses of contract. We offer 3 courses and exams Basic Refresher, Intermediate Refresher and Fully Hydraulically Calculated Systems Refresher, upon passing the relevant qualification you will be awarded with a BRE/LPCB certificate.

Maintenance of Sprinkler Systems Course

Our new modular courses have been designed to provide knowledge and understanding of sprinkler maintenance for a range of training requirements, and in particular those applying to join the LSP1048 Scheme.

Sprinkler Rules

The LPC Rules is the UK's most significant sprinkler installation standard, incorporating BS EN 12845 and related Technical Bulletins to create a complete volume of reference for those who need to know about the design, installation and maintenance of automatic sprinkler systems. The Technical Bulletins included provide enhanced, additional, alternative or clarification on the BS EN and are updated regularly to those to register for the updates.

Available in printed or digital format or as a combination of both.

Fire Testing Laboratory

Our fire test laboratory allows us to test the fire fighting capability and suitability of sprinkler protection and other active fire protection measures, against real large scale fire challenges. Whether the scenario under consideration is a novel or alternative application of sprinkler protection or an innovative approach to active fire fighting, we can help with developing the concept of proving the efficacy.





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Contact Information

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INVESTOR IN PEOPLE



We offer a unique blend of engineers, scientists and consultants with extensive experience in all sectors, providing a comprehensive range of practical, high integrity services tailored to your requirements.