



Practical Fire Safety Training Facilities



Technical Expertise

The **Fire Protection Association** (FPA) offers a range of highly practical, vocationally relevant courses at a variety of levels to suit all learners – whether new to industry or have a wealth of experience to draw on.

We have worked hard to develop practical facilities to give our delegates the opportunity to practice some of the theory on real equipment in addition to the classroom learning elements in the areas of:

- fire detection and alarm systems
- sprinkler training
- passive fire protection
- fire investigation

Collaboration with industry specific suppliers and manufacturers has permitted us to replicate much of the equipment likely to be encountered in the field and also demonstrate cutting edge items intended to broaden the knowledge sphere of the learner. We believe it is about designing training to produce more effective practitioners in whatever fire safety arena they work in.

A range of course dates are available on our website, or talk to us about your bespoke requirements.



Detection and alarm systems

Utilising our facility – which contains working examples of all types of fire alarm system – we can demonstrate the appropriate uses according to the premises and some of the idiosyncrasies of individual systems.

There is a master booth containing a variety of working control panels and detectors, as well as a very early smoke detection apparatus (VESDA) system, and these are all linked to a panel in the individual booths.

Clever design and use of switching allows us to introduce faults into the system, which learners are able to work on via their own individual panels. This makes for an excellent training and assessment tool that allows the learners to develop their skills in a realistic but safe environment.

Steve Martin, head of the FSA said:

“The FPA and FSA have maintained a close working relationship for many years with an emphasis on education and training within our sector. As we begin to see European Service Standards and work on refining competences, this practical facility offers real hands-on experience which will only enhance the knowledge and skills required in the installation, commissioning and maintenance of a variety of automatic fire detection systems.”

Sprinkler training

In addition to our design-based sprinkler courses, our sprinkler workshop training facility in Blockley allows us to offer a suite of courses to suit a range of learner levels and attract delegates from a range of backgrounds, from facility managers, sprinkler maintenance technicians, insurance surveyors and fire and rescue service personnel.

The courses range from an introductory programme for those who need a basic working knowledge of sprinkler system types and components to complex maintenance training for all types of valve.

We have collaborated with industry to install a variety of equipment to reflect the situations learners may face when out in the real world. We can take learners from a fully functioning pump room, where they can learn about the technical aspects of operating and maintaining both diesel and electric pumps, to the training valve room which has the largest variety of working valves in Europe.

Our unique facility provides an unparalleled hands-on experience for the learner.

“Excellent course. Better understanding on how sprinkler systems work. Tutors very friendly and put me at ease. Confident on going back to work to start using my newly learned skills” David Bush, Costain



Passive fire protection

Our Introduction to Passive Fire Protection has been produced with the Association for Specialist Fire Protection (ASFP) and the Construction Industry Training Board (CITB). The resulting course begins with a two-day core module that acts as an introduction to passive fire protection as a whole and briefly looks at most of the aspects, from the legislation to the individual areas such as compartmentation, fire stopping, fire doors etc.

Leading on from the core module are more specialist modules intended to stop short of providing manufacturer-specific advice and instead look at the more technical aspects so that practitioners are aware of what constitutes best practice.

Several manufacturing companies have helped out with static display materials and also consumable materials for the practical sessions, which has been invaluable in developing sessions to give the learners the most current and realistic training.

"An enjoyable course with a knowledgeable instructor" Chris Howells, Mid and West Wales Fire

"Excellent course, well instructed with excellent examples and knowledge base"

Peter West, Harrods

This programme is part funded by CITB - Construction Skills Growth Fund



Fire investigation

Using our facility at Blockley, we can offer a realistic environment to set up a variety of fire scenarios, and with the purchase of a specialist hood to safely extract and filter smoke, we can also burn vehicles, making the scenario-building even more flexible.

Expert fire investigators from the FPA and IFIC Forensics, and barristers-at-law to give court input, now provide an extensive range of fire investigation training capabilities and expertise to complement the world-class practical facilities. The course leads to a Level 5 qualification in Fire Investigation.

"Overall excellent course."

Paddy Farrell, Scottish Fire Service

"The trainers were encouraging and enthusiastic." Dave Roberts, North Wales Fire Service

"Thoroughly enjoyed the course. Thanks for your time and efforts."

Simon Mason, Norfolk Fire Service





Supporting Companies

Practical Sprinkler Facility:

CST Industries
East Anglia Fire Protection Ltd
Executive Fire Protection Ltd
Fabplus Ltd
Fire Defence Servicing
Fire Protection Centre Ltd
IMF Sprinklers
Influx Measurements Ltd
Kondea Water Supplies Ltd
Reliable Sprinklers (UK) Ltd
SPP Pumps
Trace Heat Supplies
Tyco Fire & Integrated Solutions
Victaulic

Fire Detection & Alarm Systems:

Advanced
Apollo
C-Tec
DetectorTesters
EMS
Fike
Flexible Elements Ltd
HFP
Hochiki
ProReact
Scorpion
Xtralis

Passive Fire Protection:

FSi
Promat
Globex
Lorient
Gerda
Perko
Ritherdon

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