

# Inspection Services



**Residential, Retail, Business, Industrial, Government, Public & Education premises are all at risk of fire, with ensuing consequences for life and property.**

**IFC Certification Ltd (IFCC) is a UKAS accredited inspection body specialising in all aspects of fire protection – both products and services. IFCC provides a bespoke service conducting specialist inspections of fire protection in buildings. These inspections identify fire associated risk and suggest remedial actions to reduce the potential risk to life, property and contents and to allow normal activities to continue as soon as possible after a fire has occurred.**

Fire protection in buildings is designed to provide a level of life safety specified by regulations and possibly property protection, but it will only be effective if the products and systems are appropriate and are installed and maintained correctly. Failure to satisfy these basic requirements may compromise designed performance leading to failure and even loss of life. IFCC offers specific expertise in the following types of fire protection as well as other areas of fire safety and inspection:

- Fire resisting doors; timber, metal and composite
- Glass and glazing systems
- Structural steel fire protection; board systems, sprays, intumescent coatings
- Penetration and linear gap seals
- Cavity barriers
- Timber and steel stud partitions
- Industrial & commercial sprinkler systems
- Residential & domestic sprinkler systems
- Water mist suppressing systems
- Fire and smoke curtains (active and passive)
- Rolling shutters
- Fire rated ducts and fire rated dampers
- Multi-layer paint finishes

***... confidence in  
fire safety***



**IFC** certification



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## Types of inspection

IFCC as a UKAS accredited inspection body offers third party independent inspection services to meet client requirements. The type of inspection will generally fall under, but not be restricted to, one of the following categories:

### Existing unknown fire protection system

In existing buildings the fire protection is sometimes an unknown quantity and it is necessary for it to be surveyed in order to establish its suitability in relation to current regulations or as a result of change of use or occupancy.

In this case IFCC may be able to establish the products used and their performance or otherwise assess performance based on our considerable knowledge and experience of fire protection in buildings. This, together with inspection of the quality of workmanship and appropriate measurement, will give the client information to demonstrate the adequacy, or otherwise, of the installation.

### Compartmentation

In existing buildings the fire performance of the compartmentation is sometimes an unknown and IFCC can carry out a survey to establish the condition of the compartmentation.

### Completed fire protection in new build or refurbishment

IFCC inspects recently completed fire protection in new/refurbished buildings for its compliance to specification, regulations and quality of workmanship. This service may be commissioned by any party in the supply chain. For example, the specialist contractor, who may require his work to be independently inspected as part of the contract requirements; the building owner/operator, who requires assurance with regards to the compliance or fire safety of the building with regulators and approving authorities, who may not have the required

evidence or specialist in-house capabilities or experience. IFCC will look at the workmanship and compare the products and systems installed with the specification.

The inspection will be based on a combination of, for example the manufacturer's or designer's specification and installation requirements, industry best practice guides and published standards/regulatory documents as appropriate. An essential element is to ensure that a product is installed within its approved field of application as attested by third party certification, test evidence or assessment.

The inspection comprises a visual survey combined with measurement as appropriate for example, the dry film thickness (dft) of intumescent fire protection to structural steelwork.

The scope of inspection could be of a specific contractor's work of one type of installation, for example the fire doors or of all fire protection in the whole building or part of a building.

### Ongoing fire protection in new build or refurbishment

A more thorough inspection can be conducted during the installation process when works, which subsequently become concealed, can be inspected and the contractor is available to carry out any remedial work as necessary, thus saving cost and time.

Inspection can also be conducted where it may be a client requirement for installation work to be independently validated as part of the contract requirements

IFC Group includes International Fire Consultants Ltd, who can provide a number of services including the fire safety strategy for a building based on fire engineering principles or regulatory compliance.

For further details of all our schemes and other certification services or to discuss your individual requirements please contact:

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