



## HOSPITALITY

Fire safety is of upmost importance in the hospitality sector; hotels, restaurants and leisure spaces all need to be safe environments for people to enjoy. We understand the unique challenges arising with high volumes of occupants, potential risks associated with commercial kitchens and multiple language requirements.

For enjoyable, safe and relaxing environments the IFC Group have over 30 years' expertise and experience delivering clear, unbiased and actionable fire safety solutions to the hospitality and hotel sector, spanning all 0-7 RIBA stages of planning and development.

Our skilled team draw on our specialist experience working on mixed use developments in order to advise clients on fire engineering designs and fire risk management, ensuring we create safe spaces whilst retaining the design experience of the venue.

Fire safety is a critical component in the successful design of any new construction project. Our team of highly respected and knowledgeable Fire Engineers have helped to create many innovative and effective designs for a vast array of hospitality venues; from repurposed heritage buildings such as Hawkstone House and refits of Grand Hotels, to new purpose built conference facilities, high rise buildings and multi-site hotel groups.

We are relied upon by many prestigious construction firms, architects, developers, hotel chains and estate managers to advise on any fire safety and fire protection issues including active and passive systems, clear evacuation plans, fire stopping systems and compartmentation.



IFC's independent and holistic approach to Fire Engineering and Fire Risk Management (whilst allowing your chosen developers to supply, install and maintain the fire protection systems) ensures clients receive confidential advice, based upon realistic and long-term value; ultimately helping you to create enduring venues for your staff and the guests they cater for.

IFC's best-in-class services range from consultations, fire risk assessments and fire strategies, to smoke and evacuation modelling, construction specification and detail designs for active systems (detection, alarms and suppression).

Our capabilities include state-of-the-art CAD and industry leading knowledge of the latest standards.

Key insight and advice available from the IFC Group includes:

- ✓ Fire Safety Strategies
- ✓ Smoke & Evacuation Modelling
- ✓ Structural Fire Engineering
- ✓ Expert Witness Testimony
- ✓ Peer Reviews
- ✓ Fire Safety Audits
- ✓ Fire Risk Assessments
- ✓ Emergency Planning
- ✓ On-Site Safety
- ✓ Engineering Assessments
- ✓ Detection & Alarm Systems
- ✓ Suppression Systems
- ✓ Fire Testing
- ✓ Fire Protection Training
- ✓ External Walls & Attachments

The Langham  
Grosvenor House  
The Savoy  
OverAmstel  
Bulgari Hotels  
Hawkstone Hall  
Staybridge Intercontinental  
Mandarin Oriental Hotel  
Regent Palace Hotel  
Café Royal  
Melton House  
Hotel Elaine Lancaster Gate  
Aspire Torch Hotel  
Holiday Inns  
Hotel La Primevere  
Hilton Cape Sierra Hotel

HOSPITALITY PROJECTS  
Luxury Hotels | Restaurant Chains  
Resorts | Mixed Use | Conference Centres

*"Fire protection is one of the most important investments and critical considerations that can be made on a construction project"*

### HILTON WORLDWIDE, TERRACE MOUNT

IFC Group fire safety engineers provided fire strategies for the 4/5 star Hilton hotel and 2/3 star Hampton by Hilton hotel on this mixed use residential scheme.

Fire Engineering was applied to allow extended single direction escape to the hotel guest room storeys, removing lift lobbies and smoke control designs, also to satisfy Hilton's fire safety standard.

### BILBURY COURT HOTEL:

This historic 1633 Elizabethan Manor House has been extensively refurbished. The strategy for upgrading included the elimination of exterior stairs added in the 1930s. Due to the existing conditions, including voids and continuous attic space, IFC designed a sympathetic sprinkler system that enabled historic features to be retained and the maximum flexibility in terms of interior design.

### HOLIDAY INN, WINNERSH

Following rejection of the building regulation submission, the IFC Group were appointed and provided a successful fire strategy allowing the architectural design to progress without alteration, by justification and approval of the means of escape and fire service access & facilities, which were not code compliant. The IFC Group also provided the Pre-Occupation Risk Assessments.

### (IHG) TERMINAL ZERO HOTEL, LAGOS

IFC were commissioned to advise on the fire safety strategy for the Holiday Inn Hotel, Terminal Zero at Murtala Muhammed Airport, Lagos, Nigeria. The fire safety strategy for this project was developed using bespoke fire safety engineering techniques, with the relevant recommendations contained within The Intercontinental Hotels Group's (IHG) Fire & Life Safety (FLS) Risk Management Standards.

### THE LANGHAM, LONDON

One of the largest and best known traditional style grand hotels in London. IFC were commissioned to advise on bespoke fire compartmentation works to the protected means of escape, as well as to review the fire performance of the existing and proposed measures and to provide design advice and bespoke specifications for upgrading methods that were sensitive to the historic nature of the building.

