



SPORTS & LEISURE

Sporting venues should enthrall, inspire and be built to endure for the next generation. Spectacular sports and leisure venues can help lift performances to new heights, and it is from here that our engineers take their lead. We provide insightful solutions to achieve purposeful fire safety requirements in conjunction with architectural ambitions.

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

We believe that the greatest sporting environments are created from strong partnerships and we collaborate with designers and developers to pool our technical and design understanding to create multipurpose stadiums, racecourse stands, museums and galleries, ensuring design value and safety are paramount.

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 plant.

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 venues.

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, supporters, fans 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

SPORTS, LEISURE PROJECTS

Cheltenham Racecourse
Millennium Stadium
Wembley Stadium
Cyprus National Stadium
Cranleigh Leisure Centre
The National Theatre
Eton Manor Sports Centre
Tottenham Hotspur Stadium
Aviva Stadium
London Olympic Park
Royal Shakespeare Theatre
New Theatre Royal Wexford
Moberly Leisure Centre
UCL Bloomsbury Theatre
Newhaven Fort
Ascot Grandstand

Stadiums | Racecourses | Cinemas
Theatres | Arenas | Sports Centres

WEMBLEY STADIUM:

Wembley Stadium is the official stadium of the English national football team. The stadium was designed by Fosters Architects and HOK Sport and was completed in 2007.

IFC provided an independent 3rd party review on the new Wembley Stadium project on behalf of the Regulatory Authority, auditing, checking and verifying the engineering calculations.

NICOSIA STADIUM

The largest stadium in Cyprus with just under 23,000 seats. IFC Group conducted a Fire Risk Assessment alongside engineering calculations to ensure accurate function of the required evacuation matrix.

VUE CINEMAS

An existing retail unit within the Farnborough Town Shopping Centre went through a change of use to a seven screen cinema, including disabled access and VIP seating.

IFC advised and worked with the architect on the design stages of the project and were novated to the main contractor during construction which included restaurants.

ASCOT RACECOURSE

As a world renowned sporting facility, Ascot is a one of the leading English racecourse venues, hosting major racing meets through-out the year. The IFC Group contributed fire safety advice for the Grandstand.

AVIVA STADIUM

The IFC Group's product engineering department were involved in the development of the doorsets used on the project. This involved liaison with the architects as to how the doors were to work as well as further redesign.

IFC undertook an onsite audit of the doors when installed, advised on remedial works and re-audited following the completion.

BLOOMSBURY THEATRE:

The IFC group were commissioned by UCL Estates to advise on the fire safety strategy for the Bloomsbury Theatre Project. The project consists of refurbishment works and alterations.

The most significant changes included: New seating and bar areas at the Lower Ground Floor; Modifications to the back-of-house areas at (Amendment) regulations 2010, primarily targeting the safe and compliant performance of the building in the event of fire.

