



Testing. Advising. Assuring.

## Andrew McCracken

### Curriculum Vitae

Exova Warringtonfire Fire Engineering (Europe)  
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#### Personal Details:

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Position:	General Manager – Head of Fire Engineering UK
Qualifications:	B.Eng. (Hons) BSc MRICS MIFireE MCABE C Build E APAEWE
Date of Birth:	02 June 1970
Security Clearance Level	Government Developed Vetting (DV and SC)
Nationality:	British

#### Career Summary:

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Andrew joined Exova Warringtonfire in 2006 working as a Senior Consultant; since then, Andrew has secured many key positions ranging from Principal Consultant to an Associate and the Technical Development Manager. As an Associate Andrew played a key part in the senior consultancy team and having excelled in this role, we recently saw him take the position of General Manager, Head of Fire Engineering UK, in early 2017.

As General Manager, Andrew is responsible for managing three UK offices (London, Warrington and Manchester), overseeing fire engineering and business development carried out throughout the division.

Andrew has an incredibly strong profile, of which, his building control background helps the team to look at projects from another angle entirely and his First Class degree in Fire Engineering means that he is a truly valuable asset to consultancy.

Over and above his duties of managing the UK Fire Engineering team, Andrew is a specialist when it comes to offering fire engineered solutions for complex buildings. Andrew has experience in all aspects of fire safety engineering with particular emphasis on providing engineered strategies and solutions for a large range of iconic building projects across commercial, nuclear, public sector and transport infrastructure sectors worldwide.

A few of his most recent projects include the Royal Liverpool University Hospital, Urenco UK TMF Nuclear Facility, 100 Bishopsgate – London (42 store sky scrapper), Rolls-Royce MF1B Facility, and Southmead Hospital Bristol.

In addition to design and approvals work, Andrew also assists in legal cases where compliance in respect to fire safety and the applicable legislation is brought into question. This is done as an Advisory Expert or Expert Witness in accordance with the Civil Procedures Part 35 Rules. He has undertaken specialist expert witness training and is currently acting for a number of clients in major contractual disputes.

Andrew gained experience as a fire engineer and regulator working for a number of Local Authorities. Working in Building Control for 17 years Andrew became a Chartered Building Engineer and then a Chartered Building Control Surveyor. Andrew specialised in fire safety and fire engineering, in particular the assessment of engineered solutions for regulatory compliance, this specialism lead him to study for a second degree (in fire engineering) and to become a Fire Engineer.

#### Qualifications:

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- BEng (Hons), Fire Engineering. (First Class (Preston)).
- BSc, Building Legislation and Technology. (Manchester).
- Advanced Professional Award in Expert Witness Evidence (APAEWE).
- MRICS, the Royal Institution of Chartered Surveyors. (Chartered Building Control Surveyor)
- MIFireE, Member of the Institution of Fire Engineers.
- MCABE, the Chartered Association of Building Engineers. (Chartered Building Engineer)
- Diploma in Building Control (Stockport).
- Higher National Certificate in Building Studies (Preston)
- Time Served Carpenter and Joiner (City and Guilds Craft and Advanced Craft)

#### Employment History:

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Present – 2006	Exova Warringtonfire – General Manager – Head of Fire Engineering UK, Associate and Technical Development Manager, Principal Consultant, Senior Consultant.
2006 – 1995	Lancaster City Council – District Building Control Surveyor/Fire Engineer
1990 – 1995	Barrow Borough Council – Building Control Surveyor
2000 – 1996	Lancaster and Morecambe College – Part time Lecturer
1990 – 1996	Furness College – Part time Lecturer
1986 – 1990	BAE Systems – Apprentice Carpenter and Joiner

#### Recent Projects Include: (Design and Fire Strategy)

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Rolls-Royce MF1B Project (Nuclear), 100 Bishopsgate, 42 storey City of London sky scraper, Tails Management Facility Urenco UK (£500 million nuclear processing facility), Royal Liverpool University Hospital PFI, Bristol, new PFI Hospital (£400 million, 6 storeys with atria.), Lancaster Institute of Contemporary Arts Building (3 storey solid timber building), Airbus wing assembly facility (400,000m<sup>2</sup> industrial building), Tesco Extra Store, Walkden. (New store linked to and existing covered shopping centre), Mount Street, Manchester. (27 storey office tower), AWE Project Orion (Nuclear), The Public. West Bromwich (large arts and events building), Several Waste to Energy Plants, Manchester Velodrome, National Cycling Centre, Several Projects on Nuclear licensed sites, Several MOD (RAF) projects, Duel Fuel Power Station and Ancillary Buildings, Port of Liverpool Building, Wembley Stadium (fire risk assessment), Cyprus Airports, Lancaster University (all new and current projects)

#### Construction Dispute / Litigation Projects

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Lakanal House Fire. (Inquest) (BLM), MOD Estate - Construction dispute – non availability (Ashurst), Hereford Hospital – Construction dispute – non availability (Pinsent), Peterborough Hospital – Construction dispute – non availability, Large government estate – Construction defects – G4S, PFI MHU Construction dispute – non availability, Several residential tower blocks Wales – Construction dispute (Pinsent). Energy from Waste Site – Construction Dispute (Pennon), New PFI Hospital – Fire Safety Defects – (Pinsent),