

(PDH-01)

CV Paul Hanson

Paul Hanson MIFireE, MCABE

QUALIFICATIONS/PROFESSIONAL BODY MEMBERSHIP

Corporate Member of the Chartered Association of Building Engineers - (**Chartered Building Engineer**) designatory letters; **MCABE**

Corporate Member of the Institution of Fire Engineers - (**Corporate Member**) designatory letters; **MIFireE**

EXPERIENCE AND EMPLOYMENT HISTORY

SEPT 1979 – OCT 1984

Employed by the Greater London Council (GLC) Building Regulations Division. Dealing with a variety of work involved with fire precautions, including:-

- Certification of buildings under the Fire Precautions Act 1971
- Means of escape under the London Building Acts Sections 34, 35, 36, 39
- Fire precautions in tall and large buildings; London Building Acts (Amendment) Act 1939 Sections 20
- Advice to Magistrates court regarding means of escape under the Liquor Licensing Act 1964
- Entertainment licensing
- Cinema and Theatre Licensing

The legislation covering the above involved means of escape in case of fire and in addition in Section 20 buildings (tall and large buildings) construction, relating to external, internal fire spread and fire fighting access and provisions.

NOV 1984 - OCT 1988

Following the abolition of the GLC in 1986 I was employed by Westminster District Surveyors Office covering the full range of requirements under the Building Regulations. Although the variety of work was interesting, my experience and interest were more suited to the field of means of escape and fire engineering.

During this time the Building Regulations replaced the London Building Acts and the control of construction of tall and large buildings, was repealed from the legislation and therefore section 20 continued to cover only fire fighting access and plant installations.

OCT 1988 - PRESENT

The move to the Royal Borough of Kensington and Chelsea (RBKC) enabled a concentration on the field of means of escape in case of fire and associated fire engineering.

RBKC have a 'means of escape team' which followed the pattern of the GLC and covered: -

Means of escape under the Building Regulations

Section 20 buildings (the remaining control covering fire fighting access and plant installations)

Internal and external fire spread formerly dealt with under section 20 passed to the Area Surveyor, such requirements having been repealed from Section 20 in 1987.

Following the complete repeal of Section 20 in 2013; the main focus my work in the department is the consideration of larger developments with early consultation and meetings with the design team to consider their means of escape strategy under B1 of the Building Regulations. And on new buildings fire fighting access under B5. This work sometimes involves jobs outside the borough under the partnership scheme developed by Local Authority Building Control (LABC).

RBKC also carry out consultancy work for LABC Consult, which is done by me.

When I joined RBKC, the Means of escape group consisted of 5 persons, including a mechanical and electrical engineer.

Over time the team was reduced through a combination of legislative changes, the impact of Approved inspectors (the private market), and later redundancies. However RBKC, unlike most local authorities and building control bodies, considered it was important to maintain a means of escape group, which effectively became me alone.

In 2018 my job title changed from 'Building Control Surveyor (fire regulations)' to 'Principal Fire Engineer' although areas of responsibility in terms of the Building Regulations remain the same.

COMMITTEES

I sit on a number of committees which develop standards and documentation for the fire safety industry including:-

British Standards Institute (BSI)

BSI Group, also known as the British Standards Institution (BSI), is the national standards body of the United Kingdom. BSI produces technical standards on a wide range of products and services, and also supplies certification and standards-related services to businesses.

I was involved in writing the following:-

PAS 121 Active fire curtain barriers 2007

BS 8524 Part 1 and 2 Active fire curtain barriers 2013

Whilst not a committee member, I have contributed to the development and illustration of standards published in:-

BS 9999: 2008 and 2017 Fire safety in the design, management and use of buildings – Code of practice

BS 9991: 2011 and 2015 Fire safety in the design, management and use of residential buildings – Code of practice

Association for Specialist Fire Protection (ASFP)

A trade association dedicated to the continuous improvement in all aspects of passive fire protection by working with Government, regulatory and international standard setting bodies both directly, and via other sector groups.

The ASFP's colour books are cited in the guidance to the Building Regulations (Approved Document B).

I was involved in writing the following:-

Fire resisting ductwork (Blue book) 2011

Fire and smoke resisting dampers (Grey book) 2007

Active fire curtain barriers (Black book) Currently in Draft form

Smoke Control Association (SCA)

Part of the Federation of Environmental trade associations (FETA)

The association actively promote standards of fire safety related to smoke control installations.

I was involved in writing the following:-

SCA Guidance on Smoke Control to Common Escape Routes 2015

London District Surveyors Association Fire Committee

This committee deal with various aspects of fire safety, with London building control bodies and the London fire brigade fire engineering branch.

I am the joint author of a number of documents currently in production by the committee covering Active fire curtain barriers, smoke control testing and 3D computer modelling.