

Dr. Stuart Jagger, Head Fire Safety Section

Dr. Jagger works at the Health and Safety Laboratory where he has been Head of the Fire Safety Section for some 16 years. He thus leads a team of some 10 scientists responsible for identifying, quantifying and mitigating the hazards of fire in the workplace. The Health and Safety Laboratory forms the research agency of the Health and Safety Executive which is the United Kingdom body which regulates and inspects for all aspects of health and safety in the workplace.

During his time at HSL Stuart has participated in a number of high profile fire investigations including that at King's Cross underground Station in 1987, where Stuart was responsible for the first successful use of computational fluid dynamics in a major catastrophic fire investigation and subsequent presentation at a Court of Inquiry. Stuart has also participated and led a number of European wide fire based research projects on topics such as warehouse and tunnel fires and the assessment of mathematical models used in hazard analysis. Stuart has also acted as consultant to the US NFPA on standards governing storage of LNG.

Currently Stuart is participating in the European project VULCAN concerned with the development of composite-based materials to resist fire and blast for the aviation industry.