

PROFILE

A driven and focused Chartered Senior Fire Safety and Engineering Professional who has acquired expertise within key roles including extensive fire safety consultant exposure, utilising strengths across risk assessing, engineering, best practice and fire investigation. A strategic thinker who excels in all aspects including relationship management and best practice with a wealth of knowledge, skills and experience that would enhance any forward-thinking organisation.

KEY SKILLS AND EXPERTISE

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|------------------------------------|---------------------------------|
| • Fire safety management expertise | • Engineering expertise |
| • Strategic and operational skills | • Risk assessing |
| • Health and safety expertise | • Fire investigation management |
| • Team work | • Driven by best practice |

EXPERIENCE

Nov 2014 – Date **Fire Safety Consultant** – Fire Investigation Risk Evaluation Consultancy Ltd (F.I.R.E Consultancy Ltd)

- FIRE Consultancy Ltd, is Fire Investigation Risk Evaluation Consultancy Ltd. "Its all in the name" established 2014 to provide a specific, bespoke and high quality services providing Fire Investigation and Risk Evaluation worldwide by an independent highly qualified and experienced technical expert
- The business core values are to establish a foundation of best practices upon which, customer testimonials and recommendations promote organic growth clients include places of large public gathering such as exhibition centers, stadia, shopping centers, as well as high risk environments, commercial, industrial, and nuclear

Feb 2015 – Mar 2019 **Senior Fire Engineer** – Horizon Nuclear Power

- The only fire engineer employed full time working on a number of new nuclear power stations, responsibilities include support civil engineering in the development of fire safety programmes, milestones, budgets, review fire safety aspects of engineering design, apply scientific and engineering principles, act as the intelligent customer for fire safety disciplines, facilitate and encourage dialogue with UK regulators.

May 2014 – Nov 2014 **Fire Safety Consultant** – Olsson Fire

- Personally managed the New Zealand operations, mentoring 5 students that are employed part time while they undertake their fire engineering degree, managed a team of fire safety consultants, ensure budgets are met
- Undertook the Christchurch rebuild following 2011 earthquake applying fire-engineering principles to many key city building infrastructure projects, for both new developments and repair works to existing building stock

Feb 2012 – Apr 2014 **Fire Protection and Life Safety Director** – Sherwin Williams

- Fire Protection & Life Safety –Europe accountable for providing leadership, oversight, guidance and engineering design support services, fire risk assessments for Sherwin-Williams' European and Asia-Pacific business, for loss control engineering processes related to fire prevention and life-safety
- Responsible for leading fire research, analysis and event or loss investigation activities related to fire, building and fire or life-safety related customer, regulatory and / or legal support services
- Positively lead the development of loss control and emergency management reporting and analysis systems
- Resourcefully conducted analyses of data and systems, reviews / discerns loss control engineering activities with senior business leaders, site operations, property insurers, and Corporate Departments

Oct 2010 – Feb 2012 **Project and System Partner Manager** – Cooper Industries

- Cooper Industries (acquired by EATON) a global leader in fire detection and alarm systems design, manufacturing, installation, commissioning and maintenance
- Management of 21 system partner businesses throughout the UK
- Tendering for large UK wide contracts
- Supported the business on a global level, working with the Director for Olympic and World Events, and contracts based in Portugal, Brazil regarding large shopping centres, stadiums and a range of London based consultants

Apr 2008 – Oct 2010 **Technical Fire Manager** – Honeywell

- Lead, coached and developed teams and colleagues within the company's South West and South Wales region
- Applied significant contributions to major client projects to analyse, assess and resolve theoretical and actual hazards and risks as well as proposing mitigation and evaluation strategies to obviate risks and produce best solution for client
- Built and maintained strong customer relationships, understanding marketplace and identifying and increasing business opportunities by working with range of consultancies such as WS Atkins, Arup and Hoare Lea, end-users such as NHS

Trust, Welsh Millennium Stadium and BBC as well as contractors including Balfour Beatty, Mitie, Lorne Stewart, NG Bailey and MJN Colston

- Delivered variety of HR related objectives such as recruitment, conducting feedback one-to-one sessions, writing performance reviews and organising individual coaching sessions as well as identifying skills shortages and creating framework to address future progression needs
- Successfully performance-managed over 20 colleagues within building management, fire sales and security sales solutions, administrators and designers during 2007 - 2008
- Achieved £1m sales target and generated 28% gross margin in 2008 for which this was recognised with awards
- Successfully Project Managed integration and maintenance of fire alarm system at Millennium Stadium in Cardiff and developed a strategy for fire service attending site in emergency situations, achievements recognised within Stadia and Arena specialist trade press
- Designed and installed fire alarm system at BBC Cardiff's existing buildings and studios incorporating provision of temporary system accredited with LPS1014 standards
- Designed, supervised installation and setting to work fire detection and alarm system at Berkely and Hinkley Power Stations

2007 – 2008	South West Sales Team Manager Honeywell
2005 – 2007	Technical Area Sales Manager – Gent Ltd (Honeywell)
2000 – 2005	South Wales Project Manager – Gent Ltd (Honeywell)
1996 – 2000	Wales Service Engineer – Gent Ltd (Honeywell)
1993 – 1996	Fire Engineer – Sony
1992 – 1993	Maintenance Shift Supervisor – Sony
1991 – 1992	TQM Sony (Total Quality Management)
1988 – 1991	Design Engineer – Sony
1987 – 1988	Trainee Electrician – KT Pugh

QUALIFICATIONS AND PROFESSIONAL TRAINING

MSc Fire Safety Engineering Explosion and Investigation (University of Leeds)

BSc (Hons) in Fire Safety Engineering (University of Wales) 1st Class Hons

Design and Implementation of Voice Alarm System (**FIA**), National Certificate in Construction (**NEBOSH**), General Level 3 Occupational HSE (**NEBOSH**), Leadership Certificate in Management (**NEBS**), British Fire Protection Advanced Systems Design - Module 2 (**BFPSA**), Overview of Advanced Fire Detection Design **BS5839 Part 1 & 8**, AutoCAD (**City & Guilds**), 224 Electronic Engineering Parts 1, 2 and 3 (**City & Guilds**), Vast array of fire systems and detection training courses (**Honeywell Training Centre**), ISM Diploma in Management (**Institute of Leadership and Management – ILM**), **HNC/HND** in Fire Engineering (Bridgend College), Successfully completed many **E-learning courses with IAAI**, Legal Experience Training Advanced Professional Award in Expert Witness Evidence (**LETAPAEWE**) level 7 (Masters level)

IT Skills: Full Microsoft Office Package, AutoCAD, Bluebeam, CFAST, B-Risk

Developed: 6 Fire subject related CPD's (Continuous Professional Development) courses

ADDITIONAL INFORMATION

Professional Memberships:

CEng Chartered Fire Engineer (IFE Engineering Council) 655712

CMEngNZ Chartered Member of (Institute of Professional Engineers New Zealand) 1029672

RICS membership enrolment 2020 RICS 6956158

CABE membership C.Build E MCABE 66989165

Member of IFE (Institute of Fire Engineers) FIFireE Fellow level 00022807

Member of the UK-AFI (United Kingdom Association of Fire Investigators) MFireInv level 141271

Member of the IAAI (International Association of Arson Investigators)

SC, Security clearance

Senior Examiner for IFE (Setting and Marking Papers)

Ethics committee member IFE

BSI 7974 committee member (FSH/24) part 6, human factors

BSI Technical steering group member representing the IFE for disabled means of escape

BSI Technical steering group member representing the IFE for constriction materials

BSI Technical steering group member representing the IFE for PAS9980 external wall standard

Nuclear Industry Fire Safety Coordinating Committee Past Chair (NIFSCC)

Institution of Fire Engineers Special Interest Group Industrial Fire & Risk Chair (IFE SIG IF&R)

In development

Produced industry educational materials (Examinations and CPD) to Degree level and FRED (Fire Related Educational Development) talks.

Produced YES (Young Engineer and Scientist) journal aimed at schools to assist with STEM (Science Technology Engineering Mathematics)