



Fire Investigation Specialists Ltd

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CURRICULUM VITAE

MALCOLM JENKINS

FIRE INVESTIGATOR

QUALIFICATIONS

MSc (Merit) Fire Investigation, Anglia Ruskin University, UK 2010
HND Fire Command and Management Studies, University of Central Lancashire, UK 2006
City & Guilds Level 3 BS 7671 Requirements for electrical installations, 2018
C&G Level 3 Award in Education and Training 2013
Graduate of the Institution of Fire Engineers, 2001
Qualified Fire Safety Inspecting Officer, Fire Service College, 2001
Trainer and Assessor NVQ Level 3, 2001
NEBOSH, General Certificate in Occupational Safety and Health, 1999
IOSH certificate. 2022
Criminal Expert Witness certificate. Cardiff University/Bond Solon, 2023.

MEMBERSHIPS

Member, Chartered Society of Forensic Sciences
Member, United Kingdom Association of Fire Investigators
Member, International Association of Arson Investigators
UK Register of Expert Witnesses

PERSONAL DEVELOPMENT

Chartered Society of Forensic Sciences, Fire Investigation 2015
Chartered Society of Forensic Sciences, Evaluation and Interpretation of Forensic Evidence, Casework report writing workshop, 2015
Bond Solon Expert Witness refresher, 2019 & 2020
U.K. Association of Fire Investigators training conferences 2017-18-19 & 20
Institution of Fire Engineers, Firefighter Safety 2017
Institution of Fire Engineers, Human behaviour, 2015
Institution of Fire Engineers, Learning from Incidents 2014
DeHaan Fire and Explosion Investigation course. Gardiner Associates, 2012
Investigative practice training, Bond Solon, 2008
Best Practice Verifier, 2008
Fire Investigation practical training, Fire Service College, 2007
Vehicle Fire Investigation training, University of Teesside, 2007
Fire and Explosion training, University of Leeds, 2008
Prosecution procedure training, Fire Service College, 2006
Gardiner Associates, Advanced Fire Investigation training, 2005
IFE Members paper in Fire Investigation, 2004
Investigative training, Avon & Somerset Police, 2004
Fire Investigation and Explosion training, University of Edinburgh, 2004
Gardiner Associates Foundation Fire Investigation training, 2000
Gardiner Associates Practical Fire investigation training, 2000



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PROFILE

Malcolm Jenkins is an experienced fire investigator, instructor and assessor who has conducted many hundreds of fire investigations, both during his fire service career and in the private sector. He has investigated a wide variety of incidents, including accidental fires, non-terrorist explosions and fatal fires in domestic, commercial and industrial premises.

Malcolm has experience in preparing and presenting evidence for use in the criminal justice system at all levels. He has been a manager of a fire investigation team and an arson task force manager. He is a qualified Fire Safety inspecting officer and has an in-depth knowledge of the fire service and fire service procedures. Malcolm also has experience in identifying areas of training need and developing training programmes to meet those needs, as well as to further develop and improve individual and organisational performance.

Malcolm has produced many reports for use as evidence in criminal proceedings both for prosecution and defence purposes. He has presented evidence as an expert witness at Magistrates and Crown Courts and also Coroners inquests. He has provided training, both practical and classroom based relating to Fire and Arson Investigation to Fire Officers, Police, PCSO's and CSI's. He has also spoken at local and national conferences on the subject of Fire Investigation and Arson reduction.

In May 2010, he retired from the fire service after 31 years of service. He formed a limited company specialising in fire investigation and fire safety, including case review and defence work. He also worked with Gardiner Fire Investigation as a forensic fire investigator for five years. In addition to this, he also provides forensic fire investigation instruction for Gardiner Associates Training and Research (GATR) and is an assessor for the Skills for Justice Awards level 5 certificate in Fire Investigation.

Malcolm continues to attend fire scenes to establish the origin and cause, attending court when required.

EXPERIENCE

SMALL SELECTION OF CASES DEALT WITH INVOLVING FIRE INVESTIGATION, EXPERT WITNESS AND ADVISORY SERVICES

Weston Super Mare Pier, Avon Fire & Rescue Service (2008)

Fire investigation

Reckless Arson, Bristol Crown Court, Avon Fire & Rescue Service (2008)

Reckless arson investigation

Prison Cell Fire, Avon & Somerset Police, Bristol (2009)

Fire

Avon Coroner, Avon Fire & Rescue Service, Bath (2009)

Domestic/fatal, fire

Avon Coroner, Avon Fire & Rescue Service, Bristol (2009)

Domestic/fatal, fire

Avon Coroner, Avon Fire & Rescue Service, Bristol (2009)

Domestic/fatal, fire



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Avon Coroner, Avon Fire & Rescue Service, Bristol (2009)
Domestic/fatal, fire

Gardiner Fire Investigations, Gloucester (2011)
Domestic/accidental, fire

Gardiner Fire Investigations, Langport (2011)
Mobile home/deliberate, fire

Gardiner Fire Investigations, Torquay (2012)
Domestic/accidental

Gardiner Fire Investigations, Gloucester (2012)
Domestic/accidental

Gardiner Fire Investigations, Exeter (2012)
Domestic/accidental

Gardiner Fire Investigations, Cornwall (2012)
Domestic/accidental

Gardiner Fire Investigations, LGV (2012)
M4 Motorway, vehicle, fire

Gardiner Fire Investigations, Somerset Coroner, Yeovil (2012)
Accidental/domestic/fatal, fire

Gardiner Fire Investigations, Kent Police, Kent (2012)
Vehicle/fatal, fire, coroner report only

Kent Police Maidstone (2012)
Fatal/accidental/domestic, coroner report only, fire

Metropolitan Police, London (2013)
Fatal/deliberate, London, coroner report only, fire

Metropolitan Police, Croydon Crown Court, (2013)
Fatal/deliberate

AVSES Newport Crown Court, , Bridgend (2014)
Domestic/deliberate, fire

Thames Valley Police, Chipping Norton (2014)
Vehicle/motorhome/fatal, oxford coroner, fire

Suffolk Police, Suffolk (2016)
Fatal/unknown, Suffolk coroner, fire

**Avon Fire Scene Examination services
AFSES, London (2016)**
Industrial/accidental, fire



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Cardiff Crown Court, AFSES, Cardiff (2016)

Reckless arson, fire, report only

Metropolitan Police, Essex (2017)

Domestic/deliberate, Crown Court report only, fire

Metropolitan Police, London (2017)

Fatal/deliberate, Crown Court report only, fire

AFSES, Liverpool (2017)

Fatal/manslaughter, Liverpool Crown Court report only, fire

Metropolitan Police, London (2017)

Fatal/deliberate, London Crown Court, fire

AFSES, London (2017)

Arson/domestic, London Crown Court report only, defence

AFSES, Carmarthen (2018)

GBH with intent, Swansea Crown Court report only, fire

AFSES, Bristol (2018)

Deliberate vehicle, Bristol Crown Court report only, fire

Metropolitan Police, London (2018)

Assessment of fire damaged firearm and ammunition. Crown court.

HSE Prosecution, AVSES, Warwickshire (2019)

Defence, crown court report only, fire safety related HSE prosecution

Metropolitan Police, London (2019)

Possession of firearm, Blackfriars Crown Court London, fire & explosion

AFSES, Cardiff (2019)

Domestic, Newport Crown Court, Defence, fire

Suffolk Coroner, Fatal fire, Ipswich

FireIS Southampton (2020) Accidental engine room fire, 55,000tonne ro-ro ship.

FireIS Bath, (2021) Accidental house fire

FireIS, Cardiff Crown Court (2021). Acting for the defence. Verdicts of not guilty returned on two counts, arson and arson with intent.

FireIS Somerset, (2021) Accidental fire caused by unauthorised alterations to a log burner

FireIS Kent, (2021) House fire, undetermined.



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FireIS, Cardiff Crown Court (2021) House fire, Arson with intent. Acquittal following challenge to prosecution evidence.

FireIS Sussex (2022) Hotel fire. Arson with intent, case dropped after production of report.

FireIS (2023) Commercial laundry fire. Accidental.

FireIS (2024) House fire. Arson with intent. Charges dropped following challenge to prosecution evidence.

FireIS (2024) Merthyr Tydfil Crown Court Charges of Arson With intent withdrawn following challenge to prosecution case.

FireIS (2025) Peterborough. Arson with intent, charges dropped following challenge to prosecution evidence.

A selection of Training and Research Projects. Used as training scenarios and are valid as CPD.

Involving real fire, full scale reconstructions, created to observe and assimilate fire behaviour in the given scenario and then use the burned scenario for training, development and assessment purposes for Police, Fire and private sector clients.

Deliberate Fire Case (2017)

Deliberate case involving matches in a waste bin of an office resulting in serious injury to a worker.

Accidental Fire Case (2017)

Appliance fault in a bedsit, resulting in the death of an elderly occupant.

Accidental Fire Case (2017)

2-bedroom house used as a squat (BBQ in bedroom). Resulted in serious injuries to persons, one moderate and one serious.

Accidental Fire Case (2018)

2-bedroom end terrace house. A fault in an e-cigarette battery resulted in injury to one of the occupiers.

Accidental Fire Case (2018)

1-bedroom flat. The misuse of an appliance resulted in the death of the occupant.

Accidental Fire Case (2019)

Commercial property/electrical retail store. A faulty vacuum cleaner battery resulted in critical injuries to the owner.

Accidental Fire Case (2019)

Fire in a student bedsit caused by a cigarette in an armchair.

Accidental fire case (2020) Careless disposal of a cigarette resulting in serious injuries to the occupier

Deliberate fire case (2021). Deliberate ignition of bedding resulting in serious injuries.

Accidental Fire in Hostel (2022). Smoking related fire.

Accidental workshop fire (2023) Linseed oil in rags in wastebin



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Deliberate office fire (2024) Ignition of ignitable liquid in office following assault

Accidental Living room fire (2025) Candle placed too close to curtain.

Deliberate fatal house fire (2025) Ignitable liquid used in living room fire.

EMPLOYMENT / ENGAGEMENT RECORD

2019 -present	Envista Forensics London, UK Expert Associate, Fire Investigator
2010-present	Avon Fire Scene Examination Services now trading as Fire Investigation Specialists Ltd (FireIS) UK Fire Investigator & Fire Safety consultant
2012-present	Gardiner Associates Training and Research UK Fire Investigation Trainer/Instructor and Assessor
2011-2017	Gardiner Fire Investigation Southern England, UK Forensic Fire Investigator
1978-2010	Avon Fire & Rescue Service Avon, UK Station Manager
1969-1978	Horstmann Gear Ltd and Peradin bonded polymer Ltd Somerset & Wiltshire, UK Mechanical Engineer

LANGUAGES

English (native)



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CPD 2023 – 2025

In addition to the formal qualifications gained during this period (listed above). I consider preparing scenes for, and acting as an instructor on each practical Fire Investigation course (3-4 weeks a year) a form of highly effective CPD. This includes developing scenes, supervising exercises, passing information, reinforcing the knowledge gained by students and assessing the need for further instruction.

I also receive communication and information from the Institution of Fire Engineers, The Chartered Society for Forensic Sciences, the International Association of Arson Investigators and the UK Association of Fire Investigators and Skills for Justice Awards circulars. These publications keep me aware of new developments in the field of Fire Investigation. I also take part in webinars to maintain and improve my subject matter awareness. I also receive updates from the HM Courts and Tribunal Service on a regular basis.

Furthermore, as part of each case I handle, I conduct research into whatever specific subject is at issue, this can take the form of online research, reading published material or discussion with colleagues.

On the assessing front. Each assessment is a learning process. I take part in standardisation meetings both in person and online. As a team, we have regular discussion sessions sometimes based on blind second marking of material; these have shown a very good level of consistency between different assessors. I believe feedback from candidates is consistently positive regarding the assessment process for both level 2 and level 5 qualifications.