



# HALLIWELL

**LEE MASSON BEng, MSc, CEng, MIFireE**

MANAGING DIRECTOR

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## SPECIALTIES

- Fire Investigation
- Explosion Investigation
- Marine Fire
- Marine Explosion
- Escapes of Fluids
- Renewable Energy
- Fire Protection
- Litigation and Expert Witness Experience

## BIOGRAPHY

Lee holds a Bachelor of Engineer degree with honours in Civil Engineering from the University of Edinburgh and a Master of Science degree in Fire Safety Engineering from the University of Ulster. He is a Chartered Fire Engineer, registered with the Engineering Council in the UK through the Institution of Fire Engineers with experience in zone fire modelling, fire engineering calculations, fire risk assessments and developing fire engineering solutions. Lee has specified and supervised a number of fire and explosion related CFD modelling projects and engineering test programs.

Lee is a highly experienced forensic fire investigator, investigating a wide variety of land-based incidents of fire and explosion and of escapes of water and other fluids in commercial and domestic buildings, vehicles and aircraft. He has marine fire and explosion investigation experience in engine rooms, machinery spaces, cargo holds and accommodation areas on many types of vessels including container ships, tankers, chemical carriers, car carriers, yachts, cruise liners and passenger vessels.

Lee provides advice to loss adjusters, lawyers, P&I clubs, insurers, advocates and large corporations and prepares reports and expert memorandums of agreement for use in the Court of Session, Sheriff Court and High Court in Scotland; High Court in England and Arbitrations. He has presented expert evidence in Court.

## QUALIFICATIONS

- BEng - Honours Degree in Civil Engineering, University of Edinburgh
- MSc - Master of Science, Fire Safety Engineering (Distinction and Top Student), University of Ulster
- CEng - Chartered Engineer, Registered with the Engineering Council

## INDUSTRY CERTIFICATIONS, LICENSES AND MEMBERSHIPS

- MIFireE - Member of the Institution of Fire Engineers
- AFI-UK - Member of the UK Chapter of the International Association of Arson Investigators

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## LEE MASSON BEng, MSc, CEng, MIFireE

### MANAGING DIRECTOR

#### PROFESSIONAL EXPERIENCE

- Halliwell, Managing Director
- Zetotech, Ltd., Director
- International Fire Investigators and Consultants Ltd., Senior Investigator

#### REPRESENTATIVE ASSIGNMENTS

##### Forensic Investigator

Experienced forensic investigator having investigated over 1100 incidents during the course of his career - land based investigations of fires and explosions in commercial and domestic buildings, vehicles and aircraft., and marine fire and explosion investigations on many types of vessel including container ships, tankers, chemical carriers, car carriers, yachts, passenger and vehicle ferries and bulk carriers.

Managed all sizes and types of investigation identifying key evidence and issues, taking cognisance of evidential requirements in changing environments. Able to analyse, reconstruct and record scenes, identify and interview witnesses and work effectively with others including identifying, instructing and supervising required experts in other fields. Experienced in review of “desktop” cases in connection with Civil and Criminal litigation. Considerable experience in the investigation of escapes of water and engineering failures.

##### Fire Engineer

Chartered Fire Engineer registered with the Engineering Council in the UK through the Institution of Fire Engineers with experience in zone fire modelling, fire engineering calculations, fire risk assessments and developing fire engineering solutions. Experienced in the specification and supervision of CFD modelling and engineering test programs. Provided litigation advice in relation to fire protection construction defects.

##### Litigation Support

Provided advice to Loss Adjusters, Lawyers, P&I Clubs, Insurers, Advocates and large corporations as well as private clients. Prepared reports for use in the Court of Session and Sheriff Court in Scotland, the High Courts in England & Wales and Northern Ireland and at Arbitrations. Undertaken experts' meetings and prepared memorandums of agreement. Presented expert evidence in Court.