

### **Mr Iain Peck**

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### **Career History**

An experienced forensic fire investigator having worked full-time carrying out off-site and laboratory-based forensic examinations and analysis for over 16 years throughout the UK and worldwide. Investigated over 500 fire scenes and carried out laboratory examinations on items from many more fire-related cases. Practised at communicating complex technical issues to lay audiences. Designed and delivered training courses to professional and academic groups.

#### Director and Forensic Fire Investigator, Prometheus Forensic Services Ltd. 2012 to Present

As a founder and director of Prometheus Forensic Services I provide Forensic Fire Investigation Services including:

- Specialising in matters relating to explosions caused by gas and volatile liquids and all types of fires to the legal and insurance sectors throughout the UK and worldwide.
- Determination of the cause, origin and spread of fires and explosions.
- Leading multi-disciplined teams in the investigation of many high profile and complex cases.
- Case reviews for solicitors to assess and interpret the available fire related evidence in order to provide alternative hypotheses where possible.
- Instructed in a number of civil cases including the fire at Dhaka Tobacco Industries, Bangladesh with a reported loss of \$46 million.
- Laboratory based casework including ignitable liquid analysis and interpretation, appliance examinations to determine the item or component responsible, appliance viability testing, heat damage examinations and interpretation, and temperature monitoring.
- Preparation of forensic fire investigation reports for use by insurers, loss adjusters and solicitors in civil and criminal litigation cases.
- Attending court as an expert witness.

#### Senior Reporting Officer, Fire Investigation Unit, Forensic Science Service Ltd. 2000 to 2011

My role included:

- Attended fire and explosion scenes as part of a daily and out of hours on call rota.
- Checked and peer reviewed a wide range of cases from other members of the fire investigation unit.
- Assessment and interpretation of professional and expert witness evidence.

- Attended Magistrates, Coroner and Crown Court as an expert witness and involved in case conferences with police officers, other scientists and the Crown Prosecution Service.
- Departmental Head of training. Designed, presented and coordinated specialised fire investigation training courses for Kent, Sussex and Hampshire Police Constabularies.
- Coordinated training and mentored new trainee reporting officers. Mentored an M.Sc. Forensic Science student researching heat damage caused to footwear due to exposure to a petrol vapour ignition.
- Petrol branding research project examining petrol additives using Direct Analysis in Real Time (DART).

#### **Progressive career development including:**

- 2 years formal in-house (Forensic Science Service, Fire Investigation Unit 2000 - 2002) fire investigation training.
- Expert Witness Training (Forensic Science Service, June 2000).
- Fire Investigation for Crime Scene Examiners (The National Training Centre, March 2001).
- John DeHann Fire and Explosion Investigation Course (September 2002).
- Inspection and Testing of Portable Appliances (Technique Training, March 2004).
- Risk Management at Scene of Crime Course Module 9 (Forensic Science Service, March 2001 and May 2005).
- Fire Safety Engineering Design: Principles and Practice (Mid-Career College, CIBSE, January 2008).
- Fundamentals of GC-MS Course (Agilent Technologies, December 2008).
- GC-MS Interpretation Course (Forensic Science Service, February 2009).
- Electrical Services Explained (Mid-Career College, CIBSE March 2009).
- Principles of Electrical Fires Short Course (Vytenis Babrauskas July 2010).
- European Association of Forensic Scientists (EAFS) Conference 2009.
- Emergency First Aid at Work (British Red Cross, March 2011).
- Working with Asbestos and Asbestos Awareness (Renewed annually since 2014).

#### **Academic and Professional Qualifications**

- M.Sc. in Forensic Science, Kings College London (1997)
- B.Sc. (Hons) Biological Sciences, University of Plymouth (1993-1996)
- Professional Member of the Chartered Society of Forensic Sciences (1997 to date)
- Honorary Lecturer at the University of Kent (2014 to date)
- Council for the Registration of Forensic Practitioners (CRFP) – Incident Evaluation and Fire Debris Analysis (2003-2009)
- CRFP Assessor (2009)

**References and case list provided on request.**