

Park Lodge International Ltd



INTERNATIONAL VEHICLE FIRE INVESTIGATION COURSES



2012 - NENAGH IRELAND

THE COURSE

AIMS

To develop the skills needed to investigate vehicles involved in fire incidents. This course will be of particular interest to Police Officers of the Collision/Accident Investigation Department, Counter Terrorism Officers (car bomb incidents), Vehicle Examiners, Forensic Science Officers, Fire Officers, SOCO's, Vehicle Inspectors and Insurance Investigators.

Areas covered:

- Arson methods
- Causes of fires in road vehicles
- Low voltage electricity
- Flash points and auto ignition temperatures of various products used in motor vehicles
- Static electricity
- Impact
- Fire Development
- Setting a deliberate fire - inter group
- Predicting fire development
- Investigations and group work
- Evidence available and preservation
- DNA opportunities
- Fire pattern analysis
- Post fire scene examination
- Vehicle Fire Investigation – A systematic approach
- Recording the fire scene
- Sympathetic fire fighting



It is never easy but knowledge and experience helps



The practical approach to investigation

- Determining the fire temperature.
- What should be considered in ascertaining the cause of fire.
- The Role of the Fire Service.
- Risk Assessments for the Investigator
- Looking for evidence
- Recording the evidence
- Recording the fire scene
- DNA opportunities
- Practical fire scenarios on fire spread
- The chemistry of fire and flashpoints covering – petrol, diesel, brake fluid, liquefied petroleum gas, etc.
- Sympathetic extinguishing methods for evidence and DNA preservation.
- Group discussions on fire development, methods of deliberate fire setting
- Setting a deliberate fire for the other group to investigate
- Presentation including evidence gathered to course
- Fire investigation on vehicles that have been involved in fire both accidental and deliberate.
- Reviews and presentations by groups.



THE COURSE



Systematic approach to investigation



Arson Reduction can be achieved by:

- Quick response to fire situations
- Sympathetic fire fighting
- Preservation of evidence
- First Responder investigation 'ACCIDENTAL –v- DELIBERATE
- Systematic Investigation

...avoid jumping to conclusions



THE COURSE

VFI courses have been running since 2010

Many thanks Richard for the excellent course I attended in Nenagh on the 6th and 7th December 2011, I had previously attended your course in Redhill a number of years ago and was keen to do the advanced course. The training course over the two days was excellent and the information received from both yourself and Chris Lowe was once again excellent in its content. The course was also of great interest as there were Fire Investigators from the South African Police department doing the course and it was great to share our past investigations with each other. The class room side of the course was excellent as well as the practical tests in the field including setting our own fires as we were split in two groups and each group had to examine opposite teams vehicle as to the cause of fire.

The course content enables the investigator to carry out a systematic and detailed examination of the entire vehicle to not only discover the cause and seat of fire but also the knowledge in how to look and obtain evidence from both around and inside the vehicle to build a case as to the exact reason or cause of fire in certain cases.

Many thanks to both yourself and Chris and look forward to future training courses.
regards

Declan Byrne

A. Inst AEA, M.F.I.E.A. CAE, AMIMI, Eng Tech, MSOE, MIRTE.. F.I.A.I.

Edge Anderson & Co Ltd

Hello Richard,

Yes, It was nice to nearly see you. I'm sorry that I was out of the office. I had an inquest in Horsham to go to.

Colin apparently mentioned about a recent result in inquest, for a car related fire suicide. The incident happened last November, prior to my adv. vehicle fire inv. course with you. However, the skills learnt on my standard course served me well. Furthermore, the adv. course skills confirmed my work on the investigation. The Coroner was very generous in his comments to me about my investigation which, in turn, reflects equally upon the training that I had received from both you and Chris.

Should you need an endorsement for your training, especially in the field of collision investigation, then I would be happy for this anecdote to be regaled. Kind regards,

Mark Hill, LCGI AAE MIMI

Collision Investigator, Sussex Police

Richard,

Hello, I hope you have had a good weekend and got back home safely.

Many thanks for a very good course.

I found it very informative and set at a realistic pace.

I learnt a lot and have a far better appreciation because of this course.

The practicals were very useful, especially getting to set our own fires.

That gave me a very good appreciation of how difficult it is to get the fires started and advance them.

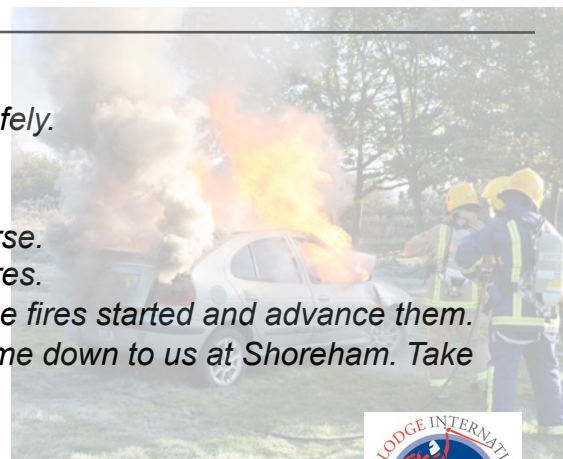
Let me know as and when both Chris and yourself would like to come down to us at Shoreham. Take care and look forward to hearing from you in due course.

Kind regards.

Adrian

Adrian SHORT LCGI MITAI AAE MIMI

Forensic Collision Investigator



Course Directors:

Richard Baker A.M.I.R.T.E., A.M.S.O.E., Hon.M.I.V.R., M.Inst.Pet.



Was until recently Chief Fire Officer for Dar es Salaam, Tanzania after setting up from scratch a fully functional fire, rescue and ambulance service including a fire investigation team based on UK standards. This now covers Kenya as well and includes air ambulance response covering some 588,000 square miles. Richard was co-author of The Energy Institute's code of practice on the product and vehicle recovery of low flash products transported by road tanker and was founder of the national Vehicle Fire Investigation course that has IFE CPD points. He is an Associate Member of the Institute of Road Transport Engineers, Associate Member of the Society of Operational Engineers and an Honorary Member of the Institute of Vehicle Recovery. He is also author of the Police Blue Book on dealing with HAZMAT incidents, author of the risk management distant learning BSc programme for the University of Hong Kong, author of the Police and Forensic Science Fire Investigation handbook and Exercise Director for the Foreign and Commonwealth Office Counter Terrorism Exercises in Central and East Africa.

CHRIS LOWE GFireE MFSSoc IAAI - CFI



Chris served 31 years with the UK Fire Service where he developed and managed the Fire Investigation team as well as continuing as a specialist Fire Investigator in the role of Group Manager and is now an independent Fire Investigator in the private sector.

His Investigations have involved incidents including fatalities, serial arsonists, and large financial losses ranging from small domestic to large industrial and commercial properties and vehicles, and he has prepared reports for Crown and Coroner's courts. In recent years he has become involved in specialist work in Vehicle Fire Investigation and the identification and recovery of forensic evidence from vehicles involved in fire. He has developed and delivered Fire Investigation training to Fire Officers, Police

Officers, Forensic Investigators, Insurance and MOD investigators.

Chris was a member of the East Midlands Regional Fire Investigation Liaison Team where he was involved in the formation of Fire Investigation policy and procedure for the Fire Service, Police Service and Police Forensic Investigation teams. He has presented at National conferences on Arson, Fire Investigation, Management of Fire Investigation and Auto Crime Investigation

An active member of the International Association of Arson Investigators (IAAI) he is now the East Midlands Regional Representative and has achieved a Certified Fire Investigator (CFI) qualification with the IAAI. He is also a Graduate of the Institution of Fire Engineers and a professional Member of the Forensic Science Society.



13 hours CPD from the Institution of Fire Engineers

Costs :

€856 + vat per delegate

- *Please ensure that you put the vat number on the booking form for European intra-community rules – then vat will not be charged on the invoice*
- Surcharge for credit card payments and 4% discount for electronic transfers.
- UK delegates, charges in GBP + vat

Includes:

- 2 days Instruction, theory and practical
Course notes and hand-outs including DVD with pictures of course vehicle fires
Certificates for 13 Hours CPD (Institution of Fire Engineers)
Light lunch and tea and coffee on both days
- Payment due 14 days prior to start of course
- Comprehensive joining instructions are sent prior to the course

Dates 2012:

- 17th 18th April
- 1st 2nd May
- 29th 30th May
- 12th 13th June
- 17th 18th July
- 25th 26th September
- 23rd 24th October

COURSE LOCATION:

The course will be based at Abbey Court Hotel, Dublin Road, Nenagh

Co. Tipperary although arrangements can be made to facilitate the course anywhere in Europe. Bespoke courses can also be undertaken to include aspects of the course along with specialist areas such as, DNA and evidence retrieval, sympathetic fire fighting tactics to preserve evidence using minimal water, blood pattern analysis and evidence recording. Please contact us for a no obligation proposal.

(Subject to the availability of vehicles to burn and a location where live fires are permitted – please make contact for details and prices)

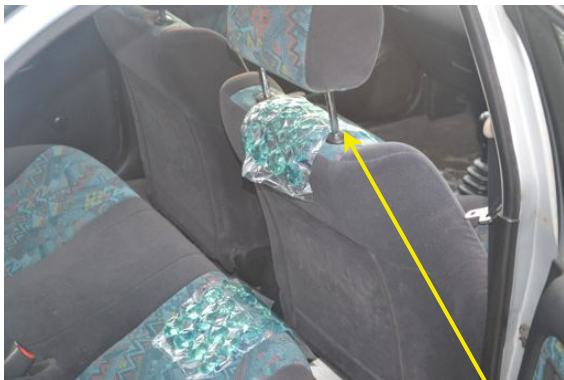


Theory inputs & Lunch	Abbey Court Hotel
Accommodation if required	Abbey Court Hotel 067 41111 For special rate please mention Park Lodge when booking www.abbeycourthotelnenagh.com
Airport	Shannon 1 hour Dublin 1 hour 30 minutes
Fire Ground & Practical's	Salvage Direct, Kilkeary, Norwood, Nenagh, Co. Tipperary



Some of the organisations that have attended the courses since 2000.

- Assess Ireland Ltd
- Avon Fire & Rescue Service
- AXA
- Banwells
- British Airports Authority Fire Service - Heathrow
- British Airways
- British Army (SEFIT)
- Buckinghamshire Fire & Rescue
- Civil Aviation Authority
- Chrysler UK
- Cleveland Fire Service
- Cumbria Police (SOCO)
- D & G Cars, Essex
- Defence Fire Service
- DETR (Vehicle Inspectorate)
- Dorset Police (CIU) - SOCO
- DSTL
- East Sussex Fire Brigade
- Eberspächer UK
- Edge Anderson - Ireland
- Fiat GB
- Forensic Science Service (Lambeth)
- GMP Police
- Grampian Fire & Rescue service
- Hereford & Worcester Fire Service
- Hertfordshire Constabulary – SOCO
- Hertfordshire Fire & Rescue Service
- Inter, Israel
- Iron Trades Insurance
- Isle of Wight Fire & Rescue Service
- Keith Borer
- Kent Police
- KIA Slovakia
- Lancashire Police
- Langley Vale Recovery
- London Government Chemist
- MAN Truck & Bus
- McLaren's Toplis
- Mercedes, UK
- Merseyside Fire & Rescue
- Ministry of Defence (Army Serious Equipment Failure Investigation Team)
- NCEC (AEA Technology)
- Nissan Europe
- Norfolk Police (SOCO & Traffic)
- Polish Fire Service Academy
- Redhill Aerodrome Fire Service
- Renault UK
- Royal Ulster Constabulary (SOCO & Traffic Department)
- South African Police
- South Wales Fire Service
- Stafford Assessors
- Strathclyde Police
- Strathclyde University
- Surrey Fire & Rescue
- Surrey Police (SOCO & CIU)
- Suzuki
- Sussex Police (SOCO, Gatwick Airport Division & CIU)
- Thames Valley Police
- The Forensic Science Service of Northern Ireland
- Toyota Europe
- Toyota GB
- VOSA
- West Midlands Travel
- Zurich Insurance



What was there at the start is still there after sympathetic fire fighting - *but only if you look!*



BOOKING FORM

Organisation:	Contact name:	
Tel No:	Invoice address:	
Ext:		
E-mail:		
Purchase Order No:		
VAT Number:		
Fax:		
Delegates Names	Job Title	Course Ref:
1		
2		
3		
4		
5		
6		
Other Information:		

Please email to: fire@parklodge.org.uk

OR

Fax to +44121 345 1106

Other courses available:

Fire Extinguisher Operation

Fire Team Training

Fire Warden Training

Chemical Incident Management (First Responder)

Patrol Officers Chemical Awareness

Fire Risk Assessment

PLI: www.parklodge.org.uk

Safer Fire Fighting: www.nimbus2010.com



Park Lodge International Ltd



Fire investigation has never been easy but with fire losses rising there is a need to reduce arson. Much arson, especially in motor vehicles is used to destroy evidence following criminal activities, or that is what the criminal believes. Great steps have been taken to recover finger prints and DNA from fire scenes and now it is very possible if we are professional.

An investigator needs to be able to carry out a systematic investigation carefully recording the scene, making notes and taking photographs.

An investigator cannot afford to jump to conclusions, his or her findings are based on proven facts which are recorded in a robust report with good photographs and drawings that are legally compliant in the country of investigation.

The investigator must keep within their skill limits and be prepared to record probable cause and point of origin if that is known.

It is not always possible to record conclusive findings.

‘My power lies in not what I know but in the questions I ask to seek out the correct answers, sometimes those questions are to myself’.

Richard Baker 1988



Park Lodge International Ltd
Rowlestone, Hereford, HR2 0HE, UK
T: +44 121 2880776 F: +44 121 3451106
email: info@parklodge.org.uk
www.parklodge.org.uk