

**STEVEN CHRISTOPHER LOMAS MRSC C.CHEM MCSFS  
FORENSIC SCIENTIST**

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## **Professional Profile**

I am a forensic scientist with over 30 years' experience having worked in both the Forensic Science Service (FSS) and in private practice. I am highly experienced in all aspects of forensic chemistry including fire investigation, marks, trace evidence, flammable liquid analysis and alcohol technical defence calculations.

- I have investigated numerous fires and explosions in vehicles, domestic and commercial property.
- Highly experienced in the examination and interpretation of trace evidence (glass, paint and other materials).
- Highly experienced in the examination and comparison of marks, including footwear and tool marks.
- Experienced forensic scientist in alcohol technical defence cases calculating breath or blood alcohol concentrations including back calculations, laced drinks and failing to provide due to lung/respiratory impairment.
- Prepares and presents forensic evidence in courts (Magistrates, Crown and Coroners), as an expert witness.

## **Academic Qualifications**

### **Graduate Qualification**

- Chartered Chemist and full membership of the Royal Society of Chemistry.
- I was a Registered Forensic Practitioner until its demise.
- Member of the Chartered Society of Forensic Sciences.
- High Sherriff of Cambridgeshire award for Forensic excellence (June 2007).

## **Forensic Science Career**

I started my career in the Home Office Forensic Science Laboratory in Huntingdon in 1982 initially as an Assistance Forensic Scientist in the Firearms section but latterly in the Chemistry Department where I examined a variety of casework items, including glass, paint, footwear marks, and tool marks. In addition, I worked on Gas Chromatography (ignitable liquids, noxious substances, greases, oils, waxes and paints) Scanning Electron Microscope (SEM) and an X-Ray Fluorescence instruments (elemental composition of many inorganic materials including glass and paint). I also using the SEM to photograph casework items. From 1993 I worked as a Forensic Scientist and from 2000 as a Senior Forensic Scientist in the Chemistry section of Huntingdon Laboratory of the Forensic Science Service (FSS) where I examined a wide variety of items. Such items included footwear marks, tool marks, glass, paint and other particulates, I prepared statements and reports on my findings for use by the courts and police. I have presented evidence in Coroners, Crown and Magistrates' Courts as an expert witness on numerous occasions. I am a fully qualified fire examiner and attended fire scenes to establish the cause of the fire. I prepared reports on my findings for the police and for use in court. I am also well experienced in the examination of fire debris for the presence of ignitable liquids. In 2008, I left the FSS and entered private practice, working mainly for the defence but always with a view that my work was to assist the courts.

## **Key Achievements and Contributions**

Member of the FSS Site lead group for trace evidence (glass paint and other materials).

**Awards and Commendations.**

Notable work:

- I was awarded the High Sheriff's Award for Excellence in Forensic Science in 2007 for my part in the investigation into Operation Ancona. Through meticulous forensic work, we were able to find evidence to link the defendant to the murder. The forensic evidence was such that it was not challenged in Court and the defendant was sentenced to life imprisonment despite no body ever having been found.

Notable case:

- Murder of Fred Moss.

**Any other relevant information**

<b>1982</b>	<b>Assistant Forensic Scientist</b>	<b>Home Office Forensic Science Service</b>
<b>1993</b>	<b>Forensic Scientist</b>	<b>Forensic Science Service, Huntingdon</b>
<b>2000</b>	<b>Senior Forensic Scientist</b>	<b>Forensic Science Service, Huntingdon</b>
<b>2008</b>	<b>Senior Forensic Consultant,</b>	<b>Emmerson Associates</b>
<b>2013</b>	<b>Forensic Consultant</b>	<b>Lomas Forensic Consultants Limited</b>