AURORA
INSIGHT



WORKING WITH CLIENTS UNDERSTANDING THEIR NEEDS

auroraforensics.co.uk



WHAT WE DO

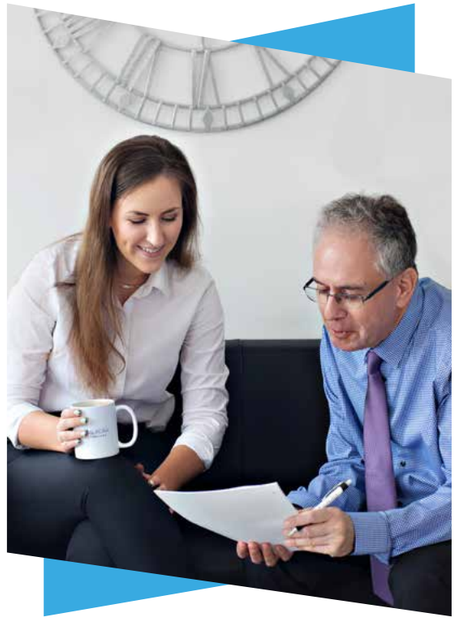
We provide forensic engineering, fire investigation and expert witness services to the legal profession, loss adjusters and insurance companies across the UK and Ireland.

Our advice is clear, independent and rigorous, delivered in a form tailored to your requirements – from a simple phone call, a preliminary appraisal, a more in-depth report, to a CPR compliant Expert Report suitable for use in legal proceedings.

WHO WE ARE

Aurora Insight is led by Technical Director Ken Roberts BEng MSc CEng MIET FRGS. Ken is a forensic Chartered Electrical Engineer and fire investigator with extensive experience of investigating fires, floods, explosions and electrical incidents in industrial, commercial and residential properties for the legal profession, loss adjusters and insurance companies.

We work closely with the scientific and academic communities to utilise state-of-the-art analysis and imaging capabilities, and to draw upon the latest developments in investigative techniques.





WHERE WE ARE

Aurora Insight is a Midlands-based forensic engineering consultancy covering both the UK and Ireland. Located close to the M1, the company enjoys direct rail links to London and the North of England and is within easy reach of East Midlands, Luton and Stansted airports.

HOW WE DO IT

First and foremost, we seek to understand your needs to ensure we provide suitably focused advice and opinion in a form that meets your requirements.

We adhere strictly to rigorous scientific method, forensically examining the physical evidence, scrutinising photographic and documenting evidence together with any witness account.

FIRE, FLOOD & EXPLOSION INVESTIGATION



Fires, floods and explosions occur in industrial, commercial and residential properties for a wide variety of reasons. The inherently destructive nature of such events can make determination of the root cause difficult. We have extensive experience investigating fires, floods and explosions.

We are well-versed in the causes of fire that arise in commercial and domestic electrical installations, equipment and appliances. We also investigate hot work fires, and fires that occur in commercial kitchens and catering premises.

We offer a range of post-incident investigation services. These include on-site inspections, forensic examination of physical evidence alongside other third-party investigators, and scrutiny of photographic, video and documentary evidence, together with any witness account.



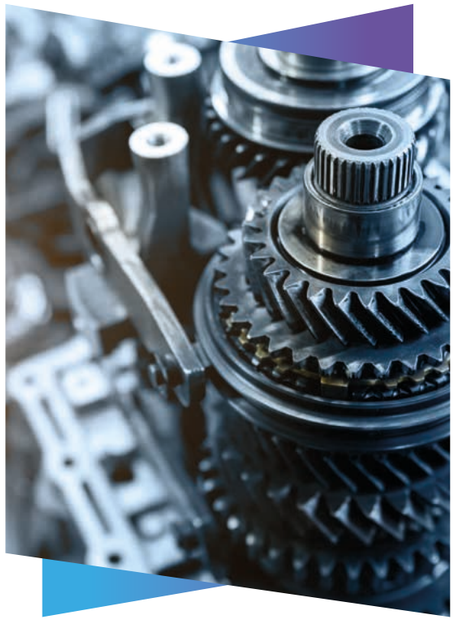
ELECTRICAL FAILURES, MALFUNCTION & SHOCK INVESTIGATION

Electrical failures and malfunctions occur in single and three-phase equipment and installations. Interaction with electrical apparatus can result in an electric shock or electrocution.

We investigate electrical failures and malfunctions in a wide range of equipment and installations. We are fully conversant with the requirements of the UK and Irish Wiring Regulations, the associated Guidance Notes and similar industry good practice publications and standards.

We offer a range of electrical investigative services. These include on-site inspection and testing, independent review of in-house and third-party technical reports, together with technical assistance for investigations and root cause failure analysis.

COMPLEX SYSTEM FAILURE INVESTIGATION



Determining the root cause of failure in complex integrated systems containing both electrical and mechanical sub-systems and equipment can be difficult. Distinguishing between causal, consequential and coincidental issues can be challenging.

We offer a range of investigative services. These include on-site inspection and testing, independent review of in-house and third-party technical reports, and technical assistance for investigations and root cause failure analysis.



PRODUCT LIABILITY

Any product recall or re-work campaign requires a clear understanding of the defect and the mechanism of failure. When contemplating such programmes, independent technical advice can provide invaluable perspective and assurance.

We are able to provide technical insight to inform product recall and re-work campaigns. This includes assistance with in-house product failure investigations and root cause failure analysis.

CASE REVIEWS

Whether considering litigation, seeking an insurance recovery or contemplating a product recall, an independent review of third-party technical reports or in-house investigations can provide invaluable perspective and assurance.

We provide the legal profession, loss adjusters and insurance companies with advice on the merits of third-party technical arguments.

We can review third party technical reports, provide second opinions, or offer advice on specific aspects in cases that require expertise from a variety of scientific and engineering disciplines.



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