

MINE AND MOBILE PLANT EQUIPMENT

“ We understand that there has been a major financial loss, which has now led to operational downtime and the concern of possible future incidents. Our team are skilled and specialise in origin and cause incidents of this nature so we can deliver the facts to understand how to avoid future incidents. ”

The facts delivered.

Fires involving mining operations, mobile plant equipment, and heavy machinery can lead to major financial, operational, and safety risks. Our forensic team specializes in investigating fires in mining fleets, construction equipment, and industrial vehicles, determining whether the cause is mechanical failure, electrical faults, human error, or external factors.



Understand your Industry Needs

Mining and heavy equipment industries operate under strict safety, environmental, and regulatory guidelines. Our investigations align with mine site risk protocols, equipment compliance standards, and insurer expectations, ensuring that findings support claims resolution, liability assessment, and operational safety improvements.

Our Process

1. Scene Examination & Evidence Preservation – Ensuring critical evidence is secured before machinery is moved or destroyed.
2. Mechanical & Electrical Failure Analysis – Assessing components such as engines, fuel systems, and electrical wiring.
3. Environmental & Operational Factors Assessment – Investigating heat exposure, maintenance practices, and operational conditions.
4. Data & Black Box Retrieval – Analyzing onboard diagnostics and telemetry data to reconstruct fire events.
5. Detailed Forensic Reporting & Testimony – Providing clear, technical reports suitable for insurers, legal teams, and regulatory bodies.

Why Choose Us



Specialised industrial fire expertise

Proven expertise in large-scale and multi-stakeholder fire investigations.



Unbiased, independent investigations

Independent, science-based assessments that withstand legal and insurance scrutiny.



Court-tested expert witness service

For litigation support whether that be liability, recover or criminal matters.