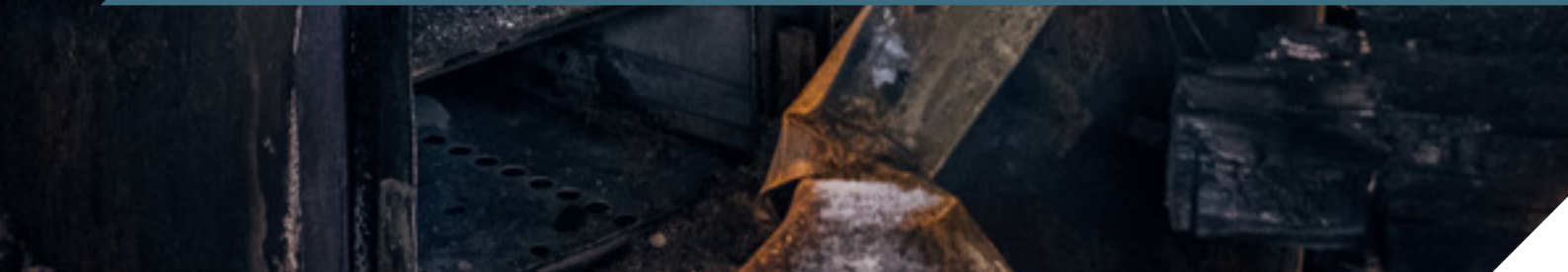




fireforensics
SOLVING THE PUZZLE OF FIRE

Machinery Fires Capability Statement



We are leading experts in fire and explosion investigation in Australia and abroad, and our personnel have offered clients thorough and impartial fire investigation services for over 40 years.

Our team of qualified and experienced specialists solve the puzzle of fire: how it started, how it progressed, the sequence of events and how future fires can be prevented, based on scientific methods and accurately gathering and investigating the evidence. Working thoroughly and professionally, we are committed to solving the puzzle of fire for our clients with the highest levels of personal, legal and corporate integrity.

From mining, agricultural and construction machinery, to ships and other marine equipment, we break down where, how and why a fire started, what fuel and ignition source was involved and how the fire spread through the equipment. Machinery fires ignite and grow in the same way as structural fires, but behave differently in some ways due to their materials and compartment shapes. They often have different fuels and more potential ignition sources than a typical structural fire.

Our findings cover the origin, cause, development, spread and circumstances of an incident in static or mobile machinery, together with expert opinions on individual or corporate responsibility, legal liability, compliance with legislation and standards, and many other factors required by our clients. We apply our specialist fire behaviour knowledge, uncovering the cause of the incident so that our clients can understand how a fault, failure or accident has led to the fire event within their machine.

All of our investigations, both preliminary and in-depth, are conducted by internationally certified professionals. Our professional and prompt system of investigation and reporting sets us apart in the industry, and we take pride in our exemplary standards of client services and scientific techniques.

OUR ISO CERTIFICATIONS

In February 2022 we were certified as complying with two international standards, ISO 9001 (Quality Management System) and ISO 27001 (Information Security Management). These certifications give our clients confidence in the quality of our work whilst protecting their data by adhering to these internationally recognised standards.



ISO 9001 QUALITY MANAGEMENT SYSTEM

Being certified with ISO 9001 means we have taken steps to improve our operations and optimise the way we move into the future by having an internationally recognised quality management system and is found in only highly efficient organisations that make a commitment to continual improvement. We are excited to be moving into the future in a more efficient, professional manner by serving our clients with a product that will contribute to increase in its quality.

ISO 27001 INFORMATION SECURITY MANAGEMENT

Achieving the ISO 27001 means we have now been signed off by an independent authority to a high standard of data protection to assure the integrity of your data when you do business with us. We now have a certified information security management system and processes in place so we can be more protective of your data.

We're with you every step of the way, and can provide expert witness testimony and evidence in court where required, as well as expert findings on individual or corporate responsibility, legal liability, compliance with legislation and standards, and many other factors required by our clients. We pride ourselves on our ability to communicate complex technical concepts into easy to understand event sequences for our clients and their staff, and ultimately judges and juries.

Our services are globally renowned, and we have investigated incidents and given expert evidence in numerous locations throughout Australasia, South East Asia, Europe and Africa.

Please contact us at office@fireforensics.com.au or go to www.fireforensics.com.au for more information on our services.

