



fireforensics
SOLVING THE PUZZLE OF FIRE

Personal Injury caused by Thermal Exposure

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 investigations into personal injury or death involving thermal exposure relate to both victims and suspects involved or affected by a fire or explosion. We have personnel with specific training and experience in fatal fire investigation, interpretation of burn injury distribution and related areas.

Our thorough methods of investigation assess burning and other heat damage to clothing, skin and hair, which determines the direction travel, the orientation of the person during the fire, and their duration of exposure. Flamewash (or flashburning) is transient fire exposure caused by vapour and gas ignitions, and identifying this exposure assists us in establishing the truth of a fire incident. We use microscopy and other scientific investigation techniques to identify cases of flamewash damage, which is often invisible to the naked eye.

We gather and use all available evidence from the scene, including the position of injured or deceased people or persons after a fire, biomechanical (human movement) considerations, witness accounts, and more, to create a report to establish the source and explain the sequence of events in a fire incident.

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. 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 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.

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.

