

# Forensic Services

Fire & Explosion

Investigation

ignitable  
vapour

self

deflagration

arc flash

accelerant

ignition

spontaneous

heating

terrorist  
bomb

flames

flashover

ignition  
temperature

flammable

clean burn

arson



Forensic Services  
Consulting Scientists & Engineers



# FIRE & EXPLOSION INVESTIGATION



## Reasons for investigation

Most of Forensic Services' fire and explosion investigations are directed towards determining the origin and cause.

This can be of use in the following ways:

- Large loss requiring due diligence.
- Determining liability for insurance claims.
- Examining the possibilities for subrogation.
- Loss prevention and risk improvement.

Fire investigation services also assist in determining quantum, as follows:

- Establishing the extent of fire damage.
- Quantification of stock.

**Pictured top left:** Hot work causes many industrial fires.

**Pictured left:** Device used by an arsonist to start a fire.







## Expert witnesses

Every investigation is conducted with the view that the findings may need to be presented and justified in a court of law.

Our engineers and scientists have appeared as expert witnesses in courts in Australia, Malaysia, Singapore, Thailand, Hong Kong, Taiwan, Saipan and the Philippines.

**Pictured above:**

Analysing for accelerant at our in-house laboratory. Forensic Services performs its own accelerant testing by GCMS to international standards.

**Pictured right:**

Fire at a pulp and paper mill.

**Pictured below:**

Explosion in an electrostatic precipitator.







# Forensic Services

## Covering Asia



Forensic Services is based in Kuala Lumpur, Malaysia.  
Forensic investigations have been carried out in each of  
the countries named in the map above.

## Contact us

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