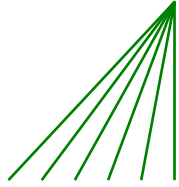


# M-Scan



## *Fire and Explosion Investigation at M-Scan*

M-Scan's forensic services have been expanded to provide a specialised service for fire and explosion investigation. Recent appointments of appropriate experts mean that M-Scan can now offer the following:

- **Scene attendance:** fire and explosion investigation to determine origin and cause, fire development and propagation and related issues;
- **Fire debris analysis:** detection and identification of ignitable substances ('accelerants');
- **Brand determination of petrol from liquid and debris samples including correlation between debris samples, clothing and liquid samples from the scene and/or suspects;**
- **Examination of clothing:** for residues of ignitable liquids, petrol branding correlation, flame wash and other fire damage, smoke odour analysis and correlation (to potentially link a suspect to a specific fire scene);
- **Examination of related exhibits:** petrol bombs, delayed ignition devices, electrical appliances (for causative faults and/or manufacturing defects);
- **Detailed characterisation of liquid accelerant samples, such as methylated spirit, lighter fuel, petrol, white spirit, kerosene, paraffin, diesel and mixed products;**
- **Analysis and identification of solid residues: pyrotechnics and/or incendiary mixtures;**
- **Differentiate unequivocally between LRP and unleaded petrol;**
- **Cold case review of fire/explosion related casework;**
- **Expert advice and testimony for all parties in criminal cases and civil litigation;**
- **Training:** M-Scan has strong links with Gardiner Associates Ltd, Europe's leading fire investigation training provider.

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