

Electrical/Electronic Forensics

MDE provides a complete and comprehensive approach to electrical and electronic forensics. This includes, but is not limited to: consumer and industrial electrical/electronic product failure analysis, fire investigations (origin and cause), regulatory compliance (code issues) and electrical accidents. Investigations are complimented by a team of electrical and mechanical engineers, material science engineers and a forensic chemist. Investigations can be conducted on-site or at MDE's facility where we can utilize our comprehensive forensic and testing laboratories.

Consumer Electronics and Appliances

- Electrical power distribution
- Extension cords and power strips
- Computer equipment
- Televisions
- VCR/DVD players
- Toasters
- Ovens and stoves
- Microwave ovens
- Portable heaters

Electrical Accidents

- Electrocutions
- Electric shock incidents

Industrial Equipment

- Motors
- Generators
- Transformers
- Power distribution
- Compressors
- Welders

Fire and Explosion Investigations

- Origin and cause (accidental or incendiary (deliberate))

Regulatory Compliance

- National Electric Code (residential/commercial)
- National Electrical Safety Code (utility)

