

# Services Performed

Forensic & Scientific Testing, Inc. is a recognized leader in failure analysis & our team of experts specialize in product liability evaluations. We conduct rigorous evaluations to determine contributing factors, which lead to the loss or injury. Our experience encompasses:

## Motor Vehicle Evaluations

vehicle accident reconstruction, black box downloads, automotive equipment failure assessment, low speed impact analysis, boat, barge & marine accident evaluation, air bag systems, accelerator failures, air & hydraulic brake systems, cruise control systems, mechanical systems, frame failures, fuel contamination, head lamp impact status assessment, seatbelt usage & failure analysis, steering systems, suspension system failures, transmission failures, electrical evaluations, auto fluid evaluations, brake failures, accident reconstruction.

## Product Evaluations

electrical evaluations, electrical failures, electrical fires, design evaluations, manufacturing evaluations, fire sprinkler systems evaluations assessment, sprinkler head failure evaluations, mechanical system assessments, HVAC systems, fireplace failures, product failure assessment.

## Fire Investigation Support

fire debris analysis, spontaneous combustion analysis, chemical analysis, consulting & case review, electrical evaluations, arc mapping, electrical appliances, mechanical evaluations, HVAC failures, fireplace failures, gas appliance failures.



# Motor Vehicle

## EVALUATIONS

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- cruise control systems
- mechanical systems
- frame failures
- fuel contamination
- head lamp impact status assessment
- seatbelt usage & failure analysis
- steering systems
- suspension system failures
- transmission failures
- electrical evaluations
- auto fluid evaluations
- brake failures
- accident reconstruction



# Product Evaluations

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electrical evaluations

electrical failures

electrical fires

design evaluations

manufacturing evaluations

fire sprinkler systems  
evaluations assessment

sprinkler head failure evaluations

mechanical system assessments

HVAC systems

fireplace failures

product failure assessment



# Fire Investigation Support

Forensic & Scientific Testing, Inc. is an independent laboratory specializing in support services for Fire Investigators, Manufacturers and the Insurance Industries.

fire debris analysis

spontaneous combustion  
analysis

automobile fluid evaluations

chemical analysis

consulting & case review

electrical evaluations

arc mapping

electrical appliances

mechanical evaluations

HVAC failures

fireplace failures

gas appliance failures



The logo for FAST (Forensic & Scientific Testing, Inc.) features the word "FAST" in a bold, italicized, black sans-serif font. The letters are contained within a white oval shape, which is itself set against a blue rectangular background.

**Forensic & Scientific Testing, Inc.**

**AN INDEPENDENT FORENSIC ENGINEERING LABORATORY  
SPECIALIZING IN FIRE DEBRIS ANALYSIS, ELECTRICAL FAILURE ANALYSIS,  
FIRE INVESTIGATION SUPPORT.**

- Certified Criminalist with specialty in Fire Debris Analysis by the American Board of Criminalistics.
- Member ASTM E-30.
- Mass Spectrometry routine analysis.
- Over 50,000 ignitable liquid determinations.
- Participated in development of charcoal vapor concentration methodology utilized by most modern laboratories around the world.
- 24 - hour turnaround on most samples.
- Free replacement containers.
- Spontaneous combustion testing for vegetable oils (FAME testing).
- Serving clients in U.S., Canada, Caribbean, Central America, Asia & South Africa.
- Licensed Professional Engineer in multiple states.
- Recognized as a Model Law Engineer as defined by the National Council of Examinors for Engineering & Surveying (NCEES).
- Electrical Evaluations.
- Over 30 years of analytical experience with fires & explosions.

**1.800.225.1302**

**Forensic & Scientific Testing, Inc.**

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