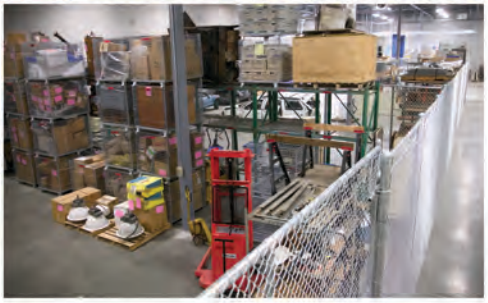
Applied Technical Services



Forensic Engineering

Forensic engineering at ATS is a comprehensive service utilizing experienced and dedicated professionals equipped with state-of-the-art tools and technology. Our engineer-investigators are court qualified and possess industry accepted accreditations and licenses.

Services Include:

- Traffic Accident Investigation/Reconstruction
- Failure Analysis/Hazard Analysis of Consumer Products
- Workplace Accident Investigation
- Standards Compliance Research And Testing
- Expert Witness Testimony
- Evidence Storage

Specialties Include:

- Automobile and Truck Accidents
- Crash Data Downloads (Black Box data retrieval)
- 3D Computer Simulations of Traffic Accidents
- Brake, Steering, and Axle Failures
- Headlamp Analysis
- Stolen/Recovered Vehicles
- Airbags and Seatbelts
- Go-karts, ATV's and Bicycles
- Photogrammetry
- Household Products - Appliances, Hand Tools and Power Tools
- Machine Guarding
- Sprinkler Systems
- Cranes and Manlifts
- Ladders and Scaffolding
- Pressure Vessels

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Forensic Engineering

The Forensic Engineering Department offers engineering investigation services directed toward insurance adjusters, attorneys, and manufacturers. Our accident investigators and forensic engineers also provide expert witness testimony in court.

Vehicle Accident Reconstruction

- Vehicle "Black Box" Downloading
- Site Data Collection – Forensic Mapping
- Vehicle Inspection – Storage and Inspection Hosting

Component Analysis

- Braking System – Steering Components
- Failure Analysis – Products Testing
- Metallurgical and Chemical Analysis

Mechanical Engineering

- Industrial Process Equipment
- Refrigeration Systems and Boilers
- Pressure Vessel Piping and Control Systems

Fire & Explosion Investigation

- Commercial & Residential Structures
- Heavy Trucks, Automobiles, RV's & Marine
- X-ray, GCMS, FTIR, SEM/EDS, XRD

We Take A Closer Look!

www.atslab.com