



GLOBAL TECHNOLOGY EXPERTS

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Firm Profile:

Established in 1996, Global Technology Experts, Inc. (GTE) specializes in providing multi-disciplinary engineering and scientific consulting, product testing, safety and forensic engineering (failure analysis) services to manufacturers and their corporate counsel, defense and plaintiff attorneys, and to the insurance claims industry. Our professional staff includes engineers, scientists, and technical specialists who have years of experience and excel as experts in wide range of disciplines. GTE has investigated more than 350+ failure cases that include: Machinery/Equipment, Slip and Fall, Accident Reconstruction, Vehicle Rollover, Lift trucks, Bicycle, Generator/Battery, Tree stand, Construction Defects, Airplane & Engine Component, Pump/Boiler/Chiller, Engine/Transmission, Automotive Axle, Weld joints, Corrosion, Fatigue, Aluminum, Titanium, Polymers, Ceramics and Composite materials. GTE also specializes in Life assessment and durability analysis of prototype components etc.

Areas of Expertise:

- Mechanical Metallurgy/Materials
- Fracture/Fatigue & Corrosion
- Machinery & Equipment Failures
- Slip, Trip & Fall/Premises Liability
- Cryogenic Storage Tanks
- Pressure Vessels
- Structural Failures
- Accident Reconstruction
- Product Liability/Failure Analysis
- Tire/Airbag Failures
- Battery Failures
- Pump/Hydraulics Failures
- Heat Exchangers
- Corrosion, Oil & Gas Pipelines
- Mechanical Power Transmission

Education:

We have highly experienced and qualified staff:

- PhD, Engineering Science & Materials, Virginia Tech
- PhD, Materials Engineering, University of California, Santa Barbara
- PhD, Mechanical & Aerospace Engineering, Rutgers University
- PhD, Reliability Engineering, University of Maryland, College Park
- BS, Chemistry & Astrophysics, Agnes Scott College

Professional Affiliations:

- American Claims Association (ACA)
- American Chemical Society (ACS)
- Southern Loss Association (SLA)
- American Society of Mechanical Engineers (ASME)
- American Society of Testing Materials (ASTM)
- Society of Aerospace, Materials and Process Engineers (SAMPE)
- Society of Manufacturing Engineers (SME)

Principals:

- Dr. Ash. Thakker, PhD, PE, FASM, FSME, CMfgE (Structures, Materials, Fatigue, Fracture, Composites, Damage Tolerance)
- Dr. Jesse Williams, PhD (Materials, Metallurgy, Failure Analysis, Product Reliability, Tire Failure)
- Dr. Jubilee Prasad Rao, PhD (Heat Exchangers, Power Transmission, Hydraulics, Batteries)
- Dr. Roohol Heidary, PhD (Cryogenics, Pressure Vessels, Corrosion, Oil & Gas Pipelines, Heat Exchangers)
- Ms. Sarah Carroll, BS (Chemistry, Astrophysics)
- Mr. Ralph Cunningham, BS (Tire Failure, Airbag Failure, Accident Reconstruction)