



Gary L. Jackson, P.E., CSP, CFEI

Senior Consulting and Forensic Engineer
System Engineering And Laboratories (SEAL)

QUALIFICATIONS

Forensic Engineer • Mechanical Engineer • Structural Engineer • Civil Engineer • Safety Professional • Fire Investigator • Explosion Investigator • Industrial Accidents • Farm/Heavy Equipment Incidents • Plumbing Failures • Failure Analysis • Water Leak Source and Causation • Structure and Equipment Fire Origin and Cause Determination • Product Safety • Machine Guarding and Effective Warnings • Fire Protection Systems • Construction Safety • Accident Reconstruction • Slip, Trip, and Fall • Hazardous Materials • Marine Safety • Pipeline Risk Analysis and Safety • Offshore Marine Safety and Failure • Engineering Analysis • Premises Safety • Design and Manufacturing Defects • Occupational Safety • Lightning, Wind and Storm Damage • Boats • Personal Watercraft • ATV/UTV • Off Road Vehicle • Compressed Natural Gas • Oil and Gas Safety • Material Failure

CERTIFICATIONS

- PE, Professional Engineer, Texas, #83294
- PE, Professional Engineer, Louisiana, #28996
- CSP, Certified Safety Professional, #17095
- CFEI, Certified Fire & Explosion Investigator, NAFI #4910-1050
- Basic Volunteer Firefighter Certification, 1995
- Class B Driver's License
- Certified Part 107 Drone Pilot
- Texas Private Security PI, CSO, PPO

MEMBERSHIPS

NAFI, National Association of Fire Investigators
NSPE, National Society of Professional Engineers (past member)
TSPE, Texas Society of Professional Engineers (past member)
SAE, Society of Automotive Engineers (past member)
NFPA, National Fire Protection Association (past member)
IAAI, International Association of Arson Investigators (past member)
ASME, American Society of Mechanical Engineers (past member)

EDUCATION

Bachelor of Science, Mechanical Engineering, Texas A&M University., 1984
TEEX East Texas Arson Seminar, Longview, Texas, 2004 thru 2010, 2014-2018
NAFI, Vehicle Fire Arson & Explosion Investigation, 2003
Small Power Watercraft Training Seminar, Kansas City, Missouri, 2000
SAE Int'l Congress & Expo 99, PC-CRASH & PC-RECT Workshop, Detroit, Michigan, 1999
Supplemental Inflatable Restraint Awareness, ATA Associates, Houston, Texas, 1998
Traffic Accident Reconstruction, TAARS-SOAR-WATAI Conf., Texas A&M University., 1997
HAZWOPER, On-Scene Incident Commander, NASA, JSC, Houston, Texas, 1994, 1995
NAFI, Determining the Cause & Origin of Fires & Explosions, Schaumburg, IL, 1995
Texas A&M University, TEEX, Fire Prevention III, College Station, Texas, 1995
Fire Hazard & Life Safety/Building Inspection Practices, NASA, JSC, Houston, Texas, 1994
Overhead Cranes and Materials Handling, NASA, JSC, Houston, Texas, 1994
Fire Protection, OSHA 207 Part 1, NASA, JSC, Houston, Texas, 1993
OSHA Construction Safety Fundamentals, NASA, JSC, Houston, Texas, 1992
Accident Investigation Course (MORT), NASA, JSC, Houston, Texas, 1992, 1995
Risk Management and System Safety I & II, NASA, JSC, Houston, Texas, 1992, 1994
Ongoing Continuing Education for Engineering, Fire, and Safety

EXPERIENCE

1998 - Present	Senior Consulting and Forensic Engineer, System Engineering And Laboratories (SEAL)
1997 - 1998	Engineering Consultant, ATA Associates, Inc.
1996 - 1997	Senior Specialist Engineer, Boeing Aerospace Operations
1991 - 1996	Senior Fire Protection and Safety Engineer, Institutional, NASA, Johnson Space Center (JSC), Houston, TX
1990 - 1991	Senior Reliability and Maintainability Engineer, GFE, NASA, Johnson Space Center (JSC), Houston, TX
1987 - 1990	Reliability and Maintainability Engineer, Orbiter, NASA, Johnson Space Center (JSC), Houston, TX
1984 - 1987	Reliability Engineer, Boeing Aerospace Operations