



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

Senior Consulting and Forensic Engineer

System Engineering And Laboratories (SEAL)

QUALIFICATIONS

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 • Process Safety • Pipeline Risk Analysis and Safety • Offshore Marine Safety and Failure Analysis • Premises Safety • Design and Manufacturing Defects • Occupational Safety • Electrical Fault • Lightning • Wind and Storm Damage • Boats • Personal Watercraft • ATV/UTV • Compressed Natural Gas • Off Road Vehicles

CERTIFICATIONS

- PE, Professional Engineer, Texas, #83294
- PE, Professional Engineer, Louisiana, #28996
- CSP, Certified Safety Professional, #17095
- NAFI, Certified Fire & Explosion Investigator, #4910-1050
- Basic Volunteer Firefighter Certification, 1995
- Class B Driver's License
- Texas Private Security - Commissioned Security Officer
- Texas Private Security - Personal Protection Officer

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