

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

Senior Consulting and Forensic Engineer

System Engineering And Laboratories (SEAL), Tyler, Texas

Qualifications

Engineering • Safety • Fire • Industrial Accidents • Farm/Heavy Equipment Incidents • Plumbing Failures • Explosions • Structural Failure Analysis • Water Leak • Causation • Structure and Equipment Fire Origin and Cause Determination • Product Safety • Fire Protection Systems • Construction Safety • Accident Reconstruction • Slip, Trip, and Fall • Hazardous Materials • Process Safety

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
- TWIC - Transportation Worker Identification Credential
- Class B Driver's License



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

Education

Bachelor of Science, Mechanical Engineering, Texas A&M University, 1984
TEEX East Texas Arson Seminar, Longview, Texas, 2004 thru 2010, 2014
TEEX Texas Forensic Science Academy, 40-Hour Death Investigation, 2014
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

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)
NFFPA, National Fire Protection Association (past member)
IAAI, International Association of Arson Investigators (past member)
ASME, American Society of Mechanical Engineers (past member)