

# Frank H. Johnson, P.E., CSP

## President - Chief Executive Officer

### System Engineering And Laboratories (SEAL), Tyler, Tx.

#### Areas of Expertise

- Failure Analysis (Engineering) • Failure Analysis (Materials) • Oil Field Accidents/Fires/Explosions
- Equipment Safety • Labels & Warnings • Laboratory Safety • Multi-employer Worksite Safety

#### Engineering Disciplines and Certifications

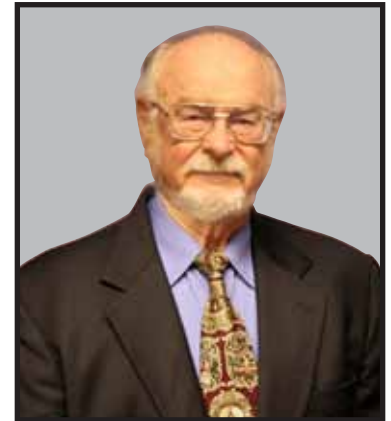
- PE, Professional Engineer, California, #0943
- PE, Professional Engineer, Texas #49513
- CSP, Certified Safety Professional, #4579
- Louisiana State Board of Private Investigator Examiners, Manager, #1937-052296
- Inspector of Amusement Rides & Devices, #014
- FAA, Private Instrument Pilot

#### Experience

1984 - Present	President/CEO, System Engineering And Laboratories (SEAL)
1981 - 1984	President, National System Engineering
1980 - 1981	Independent engineering consultant
1979 - 1980	Safety engineer for United Drilling Company
1976 - 1979	Chief of Safety for research lab (AF Weapons Lab, Aeronautical Engineer)
1971 - 1976	System Safety Officer, Airborne Laser Lab (Aeronautical Engineer)
1963 - 1967	ICBM missile mechanic
1959 - 1963	Automotive mechanic

#### Memberships

ACIL, American Council of Independent Laboratories  
A2LA, American Association for Laboratory Accreditation  
AFA, Air Force Association  
ANSI, American National Standards Institute  
AOPA, Aircraft Owners & Pilots Association  
ASM, American Society for Metals  
ASME, American Society of Mechanical Engineers  
ASSE, American Society of Safety Engineers  
ASTM, American Society for Testing & Materials  
AWS, American Welding Society  
DEPS, Directed Energy Professional Society  
MSA, Microscopy Society of America  
NAFE, National Academy of Forensic Engineers  
NAMS, National Association of Marine Surveyors  
NFPA, National Fire Protection Association  
NSPE, National Society of Professional Engineers  
SAE, Society of Automotive Engineers  
SPE, Society of Petroleum Engineers  
SSS, System Safety Society



United States Air Force  
1959-1979, Retired Captain

#### Teaching Experience

UT Tyler, Adjunct, Professor  
Texas State Technical College, Advisory Council  
Accredited courses in Forensic Engineering,  
Accident Reconstruction, System Safety  
Analysis, Accident Investigation,  
Industrial Safety, Laboratory Safety, AFWL  
1976-1979, and many others.

#### Education

University of Texas, Graduate Studies, 2002  
Oklahoma State University, Master of Science, Engineering, 1971  
Arizona State University, Bachelor of Science, Engineering, 1969  
Texas A&M University, Accident Reconstruction, 1983, 1997, 1998  
George Washington University, Traffic Accident Analysis, 1990  
Air Force Institute of Technology, Laboratory Management, 1971  
University of Southern California, System Safety, 1972  
Sandia Research Laboratories, Fault Tree Analysis, 1972  
Air Force Institute of Technology, Laser/Optics, 1973  
Air University, Squadron Officers School, 1975  
Arizona State University, Safety Officers Course, 1976  
Aberdeen Proving Ground, Laser/Microwave Safety, 1978  
OSHA, Voluntary Compliance Outreach Trainers Course, 1991  
ASM, Principles of Metallography, 1991  
ASM, Metallurgy Failure Analysis, 2001  
ASM, Metallurgy, Scanning Electron Microscopy, 2007  
ASM, Oil Field Metallurgy, 2010