

MICHAEL A. BURLESON, P.E., CSP
Vice President, Engineering Science
System Engineering And Laboratories (S.E.A.L.), Tyler, TX.

EDUCATION

Bachelor of Science, Industrial Engineering, Texas A&M Univ., 1973
Electrical Industrial Control & Distribution Products Schools, 1973
OSHA, Occupational Safety & Health Admin. Compliance, UTT, 1988
Voluntary Compliance Outreach Trainers Course, OSHA, UTT, 1991
OSHA-NESHAP Regulatory Compliance, UT Tyler, 1994
OSHA Compliance & Workplace Safety, Rockhurst Univ., Tyler, TX, 2006
Human Factors Methods/Product Design, Rice University, 1989
Human Factors Engineering, University of Michigan, 1994
Product Safety Management & Engineering, TX Safety Assoc., 1988
Vehicle Accident Reconstruction, Texas A & M University, 1990
Traffic Accident Analysis & Reconstruction,
George Washington University, U.T. Tyler, 1990
Motorcycle Accident Reconstruction, Texas A & M University, 1992
Vehicle Fire Investigation, Dallas, Texas, 1990
Fire & Explosion Investigation, NAFI, Univ. of So. MS, Longbeach, 1989
Electrical Fire Investigation, University of Wisconsin, Madison, 1987
Boating Safety, State of Texas, U.S. Coast Guard Auxiliary, 1992
TWCC Safety Seminar, Austin, Texas, 1993
Advanced Boating Accident Investigation, Underwriters Laboratories /United States Coast Guard, 1994
Injuries, Anatomy, Biomechanics & Federal Regulations, SAE, Detroit, MI, 1997
Hazardous Materials and Site Investigations, HAZWOPER, Dallas, TX 1997
Biomechanics for Accident Reconstruction, Texas A&M University, San Antonio, TX, July 1998
Acceleration and Vericom Familiarization, Vericom Computers, Inc., McKinney Texas, Sept. 2002
TAARS, Texas Assn. of Accident Reconstruction Specialists Seminar, Houston, Texas, Sept. 2002
Basic Motorcycle Operator Training Course, Motorsports Training Center, Tyler, Texas, Sept. 2002
Confined Space, Electrical Safety-Lockout/Tagout, Uniform Traffic Control Devices, Language & Cultural Barriers in Safety,
Texas Safety Association 65th Annual Conference, San Antonio, TX, 2004
OSHA Compliance/Workplace Safety, Update 2013, Tyler, TX
East Texas Arson Investigator's Seminars, TEEX, Longview, Texas, Annually (2003-2014)



CERTIFICATIONS

PE Professional Engineer, Texas #43786
CSP Certified Safety Professional #8878
Certified Safety Instructor, U.S. Dept. of Labor (OSHA)
Safety Professional, State of Texas, TWCC No. 0665
CFEI Certified Fire & Explosion Investigator, NAFI
CFII Certified Fire Investigation Instructor, NAFI
Certified Master Scuba Diver / Equipment Specialist

PROFESSIONAL MEMBERSHIPS

NSPE National Society of Professional Engineers (1986-2015)
NAFE National Academy of Forensic Engineers (1990-2015)
TSPE Texas Society of Professional Engineers (1986-2015)
HFS Human Factors Society (1989-2015)
SAE Society of Automotive Engineers (1989-2015)
NAFI National Association of Fire Investigators (1989-2015)
ASSE American Society of Safety Engineers (1992-2015)
ETAIA East Texas Arson Investigators Association (2015)

QUALIFICATIONS

Engineering experience in industrial, electrical, mechanical and safety; Product and system safety, human factors, product liability, testing, warnings, hazard analysis; Industrial accident investigation; Premises Safety; Personal Watercraft Safety/Accident Reconstruction; Recreational boating accident reconstruction; Motorcycle, ATV, UTV/Side-by-Sides, and Go-Cart accident reconstruction; Oil and gas plant design/construction/safety; Electrical Accidents; Electrical distribution, control, pneumatic and hydraulic products, systems and manufacturing; Fire and explosion cause determination.

EXPERIENCE

1990-Present Vice President, Engineering Science, System Engineering And Laboratories (S.E.A.L.)
1986-1990 Consulting and forensic engineering for System Engineering And Laboratories (S.E.A.L.)
1985-1986 Consulting Engineer, Mike Burleson, P.E.
1984-1985 Vice President, Chief Engineer, Dashell Inspection Services
1980-1985 President, Chief Engineer, Syscon Engineering Corporation
1980-1980 Project Engineer, Marsco Engineering Corporation
1977-1980 Electrical Project Engineer, Marsco Engineering Corporation
1976-1977 Applications Engineer, Square D Company
1973-1976 Field Engineer, Square D Company
1963-1973 Audio/Visual Lab Assistant, Electrician's Assistant, Brick Layer's Helper, Retail Sales, Restaurant Assistant