



Safety and Fire Analysis Consulting

JACK ELGIN HYDE, JR., P.E.
CSP, CPSM, WSO-CSS, CFI, CFEI, CVFI

License and Certifications

Professional Engineer (P.E.) - Texas (102131)
Certified Safety Professional - Product Safety (CSP)
Certified Product Safety Manager - (CPSM)
WSO - Certified Safety Specialist (WSO-CSS)
IAAI-Certified Fire Investigator (IAAI-CFI)
Certified Vehicle Fire Investigator (CVFI)
NFPA 1033 Certified Fire Investigator

Licensed Private Detective - Illinois (129.323536)*
Nationally Certified Fire and Explosion Investigator (CFEI)
State Certified Fire Investigator - Oklahoma
NFPA 472 Certified Hazardous Materials Technician (CHMT)
Nationally Registered Emergency Medical Technician (EMT)
(inactive)
California Certified Emergency Medical Technician (inactive)

Professional Background

**Safety and Fire Analysis
Consulting, LLC**

Safety and Fire Consultant
January 1995 - Present

**Emerson Electric Co. - an
Industrial and Consumer
Products Company**

Engineering Manager - Product Safety
July 1984 -December 1994

Product Safety Engineer
June 1983 to July 1984

Responsibilities for Product Safety and Fire Investigation Included:

- Product Design Safety Analysis
 - Machine Guarding Design and Analysis
 - Material Safety Analysis
 - System Safety Analysis
 - Writing installation, operation and maintenance Instructions
 - Human Factors analysis of warnings, readability, machine and materials usage
 - Accident Investigation and Reconstruction
- Review and drafting of standard proposals for:
 - American National Standards Institute (ANSI)
 - IEC European Standards
- Fire Investigation and Reconstruction
 - Standards, Code and Regulation Applications for Safety:
 - Underwriter's Laboratories (UL)
 - Canadian Standards Association (CSA)
 - National Fire Protection Association (NFPA)
 - American Society for Testing and Materials (ASTM)
 - American National Standards Institute (ANSI)
 - OSHA regulations
- CPSC Requirements Compliance

Boyd & Associates, Inc.
Consulting Engineers

Safety and Fire Consultant
February 1979 through May 1983

Responsibilities for Product Safety and Fire Investigation Included:

- Product safety auditing
- Code and Standards application
- Fire investigation
- Accident investigation

Oklahoma State University
Safety Department

Fire & Safety Inspector
May 1977 through January 1979

Responsibilities for Safety and Fire Protection Included:

- Safety inspection of University facilities
- Hazard recognition, evaluation, and control

Stillwater OK Fire Department

Firefighter and Emergency Medical Technician
September 1976 through May 1978

Educational Background

Safety and Fire Protection - B.S. - Engineering Technology - Oklahoma State University, 1980
Fire and Arson Investigation, FEMA National Fire Academy - December 1981
Arson Investigation, Oklahoma State University - May 1981

Technical Committee Service

Accredited ANSI Consensus Committee O1 (ASCO1)	ASTM E34 Committee on Occupational Safety
UL Standards Technical Panel - Tools (STP 745)	ASTM E-5 Committee on Fire Standards
UL Standards Technical Panel - Household Cooking Appliances (STP 1026)	International Fire Service Training Association Safety Committee
Power Tool Institute Engineering Committee (PTI)	

Publications and Patents

Patent 5,287,780 for Radial Arm Saw Mechanical Interlock

“Turning Your Personal Computer Into a Safety Analysis Tool”,
Hazard Prevention, Vol. 32, No. 2, Second Quarter 1996, pages 20-25.
Also Presented to the 15th International System Safety Conference, Washington, D.C.,
System Safety Society, 1997.

Professional Associations

American Society of Safety Engineers (ASSE)	National Fire Protection Association (NFPA)
System Safety Society (SSS)	Society of Fire Protection Engineers (SFPE)
Human Factors and Ergonomics Society (HFES)	International Association of Arson Investigators (IAAI)
American Society of Agricultural and Biological Engineers (ASABE)	National Association of Fire Investigators (NAFI)
World Safety Organization (WSO)	American Society for Testing and Materials (ASTM)

*Licensed Private Detective work in Illinois available through J. Soukup & Co, Inc., www.jsco.us

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