



Safety and Fire Analysis Consulting

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

Licenses and Certifications

(See page 2 for state issued certification and license information.)

Professional Engineer (P.E.)^{1,2}

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 Fire Investigator (PFI)⁷

Licensed Private Detective^{3,4,8,9,10,11}

Nationally Certified Fire and Explosion Investigator (CFEI)

NFPA 472 Certified Hazardous Materials Technician (CHMT)

Nationally Registered and California Certified Emergency

Medical Technician (EMT) (inactive)

State Certified Fire Investigator^{5,6}

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

Chairman - ANSI Accredited Standards Committee O1
ANSI/ISO TC39/SC4 Technical Advisory Committee
ASTM E34 Committee on Occupational Safety
ASTM E-5 Committee on Fire Standards
ASTM E-30 Committee on Forensic Sciences
Power Tool Institute Engineering Committee (PTI)

Underwriters Laboratories (UL) Standards Technical Panels:
• Tools (STP 745)
• Household Cooking Appliances (STP 1026)
• Battery-Powered Appliances Standards Technical Panel (STP 2595)
• Motor Operated Tools and Garden Machinery (STP 62841-1)
International Fire Service Training Association Safety Committee

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)
System Safety Society (SSS)
Human Factors and Ergonomics Society (HFES)
American Society of Agricultural and Biological
Engineers (ASABE)
World Safety Organization (WSO)

National Fire Protection Association (NFPA)
Society of Fire Protection Engineers (SFPE)
International Association of Arson Investigators (IAAI)
National Association of Fire Investigators (NAFI)
American Society for Testing and Materials (ASTM)
International Code Council (ICC)

State Issued Licenses and Certifications

1 - Texas P.E. (102131)
2 - Mississippi P.E. (20808)
3 - Illinois PERC 129.323536
4 - Kansas Private Detective (D-5307)

5 - Missouri Certified Fire Investigator (12-025)
6 - Oklahoma Certified Fire Investigator
7 - Missouri Private Fire Investigator (2014011640)
8 - Indiana - Licensed Private Investigator Firm
(PI21400022)

9 - Oklahoma Private Investigator (16UPI70664)
10 - North Carolina Private Investigator (5213)
11 - Arkansas Private Investigator (CMPY.0002795)

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