



## **Professional Affiliations/Honors**

Institute of Electrical and Electronics Engineers

Senior Member

American Society of Safety Engineers

Member

National Fire Protection Association (NFPA)

Member

National Association of Fire Investigators

Member

Society of Plastics Engineers

Member

North American Die Casting Association

Member

Holder of 3 United States Patents

## **Past Technical Committee Service**

ANSI 01.1, Standard for Woodworking Machinery

PTI (Power Tool Institute), Public Relations and Safety Committee

## **Continuing Education Courses**

National Fire, Arson and Explosion Investigation Training Program

NAFI and NFPA, March 9<sup>th</sup> – 12<sup>th</sup>, 2009

Electrical Safety: Low and High Voltage

National Technology Transfer, Inc.

St. Louis, MO, April 19-21, 2005

Certified Indoor Environmentalist

Indoor Air Quality Association, Inc.

Ft. Lauderdale, FL, January 28 - February 1, 2002

Effective Accident Investigation, Reconstruction, and Presentation

University of Wisconsin-Madison, College of Engineering

Dept. of Engineering Professional Development, May 28-29, 1998

How to Write User Manuals: A Technical Writing Workshop

KEYE Productivity Center Division, American Management Association

St. Louis, Missouri, October 29, 1997

NADCA Workshop - Die Casting Defects EC515

NADCA Chapter 17 Seminar/Workshop

Hannibal, Missouri, September 16-17, 1997

The Role of Hazard Analysis Techniques in Evaluating Product Safety  
University of Wisconsin-Madison, College of Engineering  
Department of Engineering Professional Development, May 9-10, 1996

Human Factors Engineering  
University of Michigan-Ann Arbor, College of Engineering  
Continuing Engineering Education, August 1-6, 1994

The Role of Warnings and Instructions  
University of Wisconsin-Madison, College of Engineering  
Department of Engineering Professional Development, March 21-23, 1994

Establishing and Implementing the Product Safety Program  
University of Wisconsin-Madison, College of Engineering  
Department of Engineering Professional Development, February 1-3, 1994

## **Positions Held**

Engineering Systems Inc., Pleasant Valley, Missouri  
Senior Consultant, 2010 to present

Engineering Systems Inc., O'Fallon, Missouri  
Senior Consultant, 2000 to 2010

Emerson Tool Company, St. Louis Missouri  
Engineering Manager, Product Safety, 1998 to 2000

Emerson Electric/Special Products Division, Hazelwood, Missouri  
Product Safety Engineer, 1994 to 1998  
Senior Engineering Specialist, 1990 to 1994

Black & Decker (US) Inc., Tarboro, North Carolina  
Resident Engineer, Household Products Group, 1988 to 1990

Black & Decker (US) Inc., Shelton, Connecticut  
Senior Engineer, Household Products Group, 1986 to 1988

Rival Mfg. Co., Kansas City, Missouri  
Electrical Engineer, Motor Design, 1984 to 1986

Liberty Public Schools, Liberty, Missouri  
Secondary Teacher, Introductory Physical Science, 1979 to 1982