



**GEORGE V. KAROSAS, P.E., CSP**  
**SENIOR CONSULTANT**

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Mr. Karosas is a Senior Consultant with Engineering Systems Inc. (ESI) and has over 43 years of experience in Product Safety, Machine Safeguarding, Employee Safety, and Safety Standards. He managed the Product Safety programs for two major machinery manufacturers (power presses, printing presses, conveyor systems, industrial cutters) for 17 years. He has chaired the ANSI Printing Press Safety subcommittee since 1992 and is the Convener of ISO TC130 Working Group 5 developing international safety standards for printing and paper converting equipment. Mr. Karosas has been actively involved with numerous other domestic and international safety standards committees including Lockout/Tagout (ANSI Z244.1) and Safety of Machine Tools (ANSI B11). He has extensive experience in accident investigation and reconstruction.

Mr. Karosas has also managed employee safety programs and has been directly involved with key safety program elements including employee training, safety communications, site inspections, job safety analysis, etc.

**Areas of Specialization**

Product Safety Analysis and Engineering  
Industrial and Workplace Safety  
Machine Guarding and Safeguarding  
Lockout/Tagout and Control of Hazardous Energy  
Risk Assessment and Hazard Analysis  
Warnings Signs, Instructions and Safety Communications  
OSHA, ANSI, ISO, UL, ASTM and European Safety Standards  
Accident Analysis and Reconstruction  
Safety Engineering and Human Factors

**Education**

BS, Industrial and Systems Engineering, Illinois Institute of Technology, 1975

**Professional Licenses/Certifications**

Licensed Professional Engineer (P.E.), State of Illinois, (License No.) 062-036299  
Licensed Professional Engineer (P.E.), State of Arkansas, (License No.) 15867  
Certified Safety Professional: Management, 1980; Product Safety, 1986

*January 2020*

## **Professional Affiliations/Honors**

### **ANSI B65 Committee, Safety Standards for Printing & Publishing Technologies**

1986 to Present

### **ANSI B65.1, Printing Press Safety Subcommittee**

Chair, 1992 to Present

### **International Standards Organization (ISO) & European Standards Committees (CE) for the Printing and Paper Converting Industries (TC 130)**

Convener, 2014 to Present

Designated Expert, 1992 to Present

### **ANSI Z244.1, Lockout/Tagout of Energy Sources**

1988 to Present

### **ANSI B11 Committee, Safety Standards for Machine Tools**

2002 to Present

### **Cal- OSHA Advisory Committee, Industrial Safety Orders, Printing Presses**

2001

### **Cal- OSHA Advisory Committee, Industrial Safety Orders, Lockout/Tagout**

2002

### **National Safety Council Printing & Publishing Safety Committee**

1998 to 2008

### **American Society of Safety Engineers**

1978 to Present

### **Graphic Arts Technical Foundation / PIA (Printing Industries of America)**

2000 to Present

### **The Roland Zavada Standards Award**

1998 Committee for Graphic Arts Technologies Standards



## **Additional Training and Certifications**

Powered Industrial Truck Operator Safety Training, Certified

Human Factors Engineering, University of Michigan

OSHA 501-Training Course in Occupational Safety and Health for General Industry

Principles of Occupational Safety & Health, National Safety Council

Miscellaneous additional courses in Product Safety, Risk Management, Quality Assurance, Reliability Engineering, Statistics

## **Positions Held**

### **Engineering Systems Inc., Aurora, Illinois**

Senior Consultant and Safety Director, 2003 - Present

### **PPSS Corp., La Grange Park, Illinois**

President and Principal Consultant, 2002 – Present

### **G. V. Karosas, P.E., CSP, La Grange Park, Illinois**

Consulting Engineer, 1997-2004

### **Harris Corp., Melbourne, Florida**

Staff Product Safety Engineer, 1997-2003

### **Goss Graphic Systems, Westmont, Illinois**

Manager, Product Safety, 1996 – 1997

### **Rockwell Graphic Systems, Westmont, Illinois**

Manager, Product Safety, 1984 – 1996

### **Rousselle Corp., Chicago Illinois**

Manager, Product Safety, 1980-1984  
(Also directed plant/employee safety programs.)

### **Natsco, Long Grove, Illinois**

Product Safety Management Consultant, 1978 - 1980

### **Underwriters Laboratories Inc., Chicago, Illinois**

Project Engineer, 1970-1978

## **Selected Publications and Technical Presentations**

- What You Need to Know for Safe Equipment Operation  
Dugan, Fricke, Jones and Karosas. Printing Industries Press, 2008
- Printing Industries of America, National Environmental Health & Safety Conference  
"National Emphasis Program on Amputations," 2008
- Corporate, Global Health and Safety Conference  
"Machinery Safeguarding," 2007
- Conveyor Equipment Manufacturers Association (CEMA) 80th Engineering Conference,  
"Product Safety/Product Liability," 2007
- OSHA Safety Day Conference,  
"Machine Guarding 102: An ANSI/ISO Update," 2004
- American Society of Safety Engineers (ASSE)/OSHA Joint Safety Conference  
"Machine Guarding 102: An ANSI/ISO Update," 2002
- National Safety Congress  
"Machine Guarding: Theory and Practice," 2002
- Flexible Packaging Association Safety Conference  
"Machine Guarding- Beyond the Regulations," 2002
- National Environmental Health & Safety Conference (GATF/PIA, FTA, SGIA, GAA)  
"Machine Guarding: Doing the Right Thing," 2002
- Canadian Industrial Accident Prevention Association Safety Conference  
"Practical Assessment Tools for Machine Guarding," 2001
- Newspaper Association of America SuperConference  
"What in the World is Going on with Machine Guarding?" 2001
- University of Wisconsin, 12<sup>th</sup> Product Liability Conference  
"Guard Interlocking: Issues, Answers & More Questions," 2000
- European Community (CE) Standards Seminar, National Printing Equipment & Supply Association  
"An Overview of the Mechanical (Safeguarding) Requirements," 1998