

George V. Karosas

PE, CSP

Senior Consultant



Mr. Karosas is a Senior Consultant with Engineering Systems Inc. (ESi) and has over 50 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 for 10 years was 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 implemented or coordinated key safety program elements such as employee training, safety communications, hazard inspections, job safety analyses, and OSHA compliance.

Education

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

Licenses & Certifications

- State of Illinois P.E. License 062-036299
- Certified Safety Professional: Safety Management, 1980
- Certified Safety Professional: Product Safety, 1986

Positions Held

Engineering Systems Inc., Aurora, Illinois

- Senior Consultant, 2003 – Present
- Safety Director, 2006–2022

Contact Information

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ESi Aurora

4215 Campus Drive
Aurora, IL 60504

Areas of Specialization

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

PPSS Corp, La Grange Park, Illinois

- President & 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

Rockwell Graphic Systems, Goss Graphic Systems, Westmont, Illinois

- Manager, Product Safety, 1984–1997

Rousselle Corp., Chicago, Illinois

- Manager, Product Safety & Safety Manager, 1980–1984

Natlsco, Long Grove, Illinois

- Product Safety Management Consultant, 1978–1980

Underwriters Laboratories Inc., Chicago, Illinois

- Project Engineer, 1970–1978

Continuing Education

- **Human Factors Engineering** – University of Michigan
- **Training Course in Occupational Safety and Health for General Industry** – OSHA 501
- **Principles of Occupational Safety & Health** – National Safety Council
- **Powered Industrial Truck Operator Safety Training**

Professional Affiliations/Honors

ANSI B65

- Safety Standards for Printing & Publishing Technologies Committee Member, 1986 – Present

ANSI B65.1

- Printing Press Safety Subcommittee Chair, 1992 – Present

ISO & European Standards Committees for the Printing and Paper Converting Industries

- Convener, WG5, 2014–2024
- Designated Expert, 1992 – Present

American Society of Safety Professionals

- Member, 1978 – Present

ANSI B11

- Safety Standards for Machine Tools Committee Member, 2002–2021

National Safety Council

- Printing & Publishing Safety Committee Member, 1996–2008

Graphic Arts Technical Foundation / Printing Industries of America

- Member, 1996–2008

Cal/OSHA Advisory Committee

- Advisory Committee Member, Industrial Safety Orders, Lockout/Tagout, 2002
- Advisory Committee Member, Industrial Safety Orders, Printing Presses, 2001

Committee for Graphic Arts Technologies Standards

- Roland Zavada Standards Award Recipient, 1998

Publications

“What You Need to Know for Safe Equipment Operation,” C. Dugan, R. Fricke, G. Jones, and G. **Karosas**, Printing Industries Press, 2008.

Presentations

“National Emphasis Program on Amputations,” Printing Industries of America, National Environmental Health & Safety Conference, 2008.

“Machinery Safeguarding,” Global Health and Safety Conference, 2007.

“Product Safety/Product Liability,” Conveyor Equipment Manufacturers Association 80th Engineering Conference, 2007.

“Machine Guarding 102: An ANSI/ISO Update,” OSHA Safety Day Conference, 2004.

“Machine Guarding 102: An ANSI/ISO Update,” American Society of Safety Engineers/OSHA Joint Safety Conference, 2002.

“Machine Guarding: Theory and Practice,” National Safety Congress, 2002.

“Machine Guarding- Beyond the Regulations,” Flexible Packaging Association Safety Conference, 2002.

“Machine Guarding: Doing the Right Thing,” National Environmental Health & Safety Conference (GATF/PIA, FTA, SGIA, GAA), 2002.

“Practical Assessment Tools for Machine Guarding,” Canadian Industrial Accident Prevention Association Safety Conference, 2001.

“What In the World Is Going On with Machine Guarding?” Association of America Super Conference, 2001.

“Guard Interlocking: Issues, Answers & More Questions,” University of Wisconsin, 12th Product Liability Conference, 2000.

“An Overview of the Mechanical (Safeguarding) Requirements,” European Community (CE) Standards Seminar, National Printing Equipment, 1988.