

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 been directly involved with key safety program elements including employee training, safety communications, site inspections, job safety analysis, OSHA compliance etc.

Licenses & Certifications

- Licensed Professional Engineer (P.E.), State of Illinois, (License No.) 062-036299
- Licensed Professional Engineer (P.E.), State of Arkansas, 2013-15,
- Certified Safety Professional, (CSP): Safety Management, 1980; Product Safety, 1986

Positions Held

Engineering Systems Inc., Aurora, Illinois

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

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

Rockwell Graphic Systems, Goss Graphic Systems, Westmont, Illinois

- Manager, Product Safety, 1984 – 1997

Rousselle Corp., Chicago Illinois

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

George V. Karosas, P.E., CSP
Staff Consultant

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ESi Aurora

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Aurora, IL 60504

Education

BS, Industrial and Systems
Engineering, Illinois Institute of
Technology

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 CE/EN Safety Standards
Accident Analysis and
Reconstruction
Safety Engineering and Human
Factors



Natlisco, Long Grove, Illinois

- Product Safety Management Consultant, 1978 - 1980

Underwriters Laboratories Inc., Chicago, Illinois

- Project Engineer, 1970-1978

No Publications in the last 10 years.

Select Prior 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 Super Conference "What in the World is Going on with Machine Guarding?" 2001

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

European Community (CE) Standards Seminar, National Printing Equipment &

"An Overview of the Mechanical (Safeguarding) Requirements, "1988"

Additional Training and Certifications

- **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**
- **Powered Industrial Truck Operator Safety Training,**
- **Miscellaneous additional courses in Machine Design, Product Safety, Risk Management, Quality Assurance, Reliability Engineering, Statistics.**

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,WG5, 2014 to 2024 Designated Expert- 1992 to Present

ANSI Z244.1, Lockout/Tagout of Energy Sources- 1988 to 2023

ANSI B11 Committee, Safety Standards for Machine Tools- 2002 to 2021

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- 1996 to 2008

American Society of Safety Professionals- 1978 to Present

Graphic Arts Technical Foundation / PIA (Printing Industries of America)- 1996 to 2008

The Roland Zavada Standards Award- 1998 Committee for Graphic Arts Technologies Standards