



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

gvmkarosas@engsys.com

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 2018



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, 12th 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