

# Raina J. Shah, M.S.E., CPE, C.P.S.M.

## Senior Consultant



Ms. Shah is a Senior Consultant and directs chemical risk communication activities. She has extensive experience in litigation matters related to chemical hazard communication, automotive human factors, and consumer product safety and warnings. Her recent professional activities include the development and evaluation of warnings and instructions and the analysis of human factors associated with chemical and environmental risk communication. Ms. Shah has directed research related to accident databases as well as global approaches to assessing and communicating risks, and has regularly lectured at the University of Michigan on the topics of hazard communication and uncertain

health and safety risks. As a member of the American National Standards Institute (ANSI) Z535.4 Subcommittee on Product Safety Signs and Labels, she has also played an active role in national standards for product warnings as well as instructions (ANSI Z535), and chemical labeling (ANSI Z129.1).

## Company Overview

Applied Safety and Ergonomics, Inc. provides a wide range of consulting services related to human factors engineering/ergonomics, product and occupational safety, and warnings and instructions, including:

- Warnings design, evaluation, and research
- Human factors engineering, ergonomics, and usability
- Consumer and recreational product safety
- Industrial, construction, and occupational safety
- Transportation safety and occupant protection issues
- Human error and decision making
- Human movement, climbing, and stability
- Human performance and risk perception
- Occupational biomechanics
- Accident reconstruction
- Standards and regulatory analysis
- Occupational safety management and program assessment
- Machine guarding and hazardous energy control (Lockout/Tagout)
- Fire prevention management
- Forensic time study
- Material handling and construction safety
- Chemical hazard and risk communication

Since 1994, ASE has served an international clientele that includes a wide variety of corporations, law firms, and organizations.

APPLIED SAFETY + ERGONOMICS, INC.  
3909 RESEARCH PARK DRIVE  
SUITE 300  
ANN ARBOR, MICHIGAN 48108

T: 734.994.9400

F: 734.994.9494

E: [RSHAH@APPLIEDSAFETY.COM](mailto:RSHAH@APPLIEDSAFETY.COM)

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+ ERGONOMICS

[WWW.APPLIEDSAFETY.COM](http://WWW.APPLIEDSAFETY.COM)

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