DESCRIPTION

Safety and Health for Engineers, 3rd Edition, addresses the fundamentals of safety, legal aspects, hazard recognition and control, and techniques for managing safety decisions, as well as:

• Completely revises and updates all 38 chapters in the book

• New edition adds more than 110 stories and cases from practice to illustrate various topics or issues

• New topics on adapting to new safety concerns that arise from technology innovations; convergence of safety, health and environmental departments in many organizations; the concept of prevention through design; and emphasis on safety management systems and risk management and analysis

• Includes learning exercises and computational examples based on real world situations along with in-depth references for each chapter

• Includes a detailed solutions manual for academic adopters

• Covers the primary topics included in certification exams for professional safety, such as CSP/ASP
ABOUT THE AUTHOR

Roger L. Brauer Ph.D. was the first Recipient of the Roger Brauer Lifetime Achievement Award from the Board of Certified Safety Professionals. He is a Fellow of the American Society of Safety Engineers and 68th Inductee into the Safety and Health Hall of Fame International. Dr. Brauer was an adjunct professor of safety engineering at the University of Illinois at Urbana-Champaign for 20 years and a Principal Investigator at the US Army Construction Engineering Research Laboratory in Champaign, Illinois, for 20 years. He was also Executive Director of the Board of Certified Safety Professionals for 15 years.

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