



Accident Prevention Manual for Business and Industry

National Safety Council

This four-volume set contains information needed to develop, maintain, and improve occupational safety programs.

NEW EDITION

Administration & Programs, 13th Edition

Publication #0650 \$189.87

New to this edition of *Administration & Programs* are relevant case studies and completely new chapters on:

- Homeland Security
- Safety & the impact of the law
- Indoor air quality
- Workplace violence
- Safety culture
- The safety professional

Revised and updated chapters include:

- Regulatory History
- Loss Control Programs
- Workers' Compensation
- Safety Inspections
- Emergency Preparedness
- Ergonomics
- Transportation Safety
- Incident Investigation
- Computers and Information Management

ISBN: 978-0-87912-212-6. © 2009.

Also Available on CD-ROM. See Computer Resources section of this catalog, page 48.



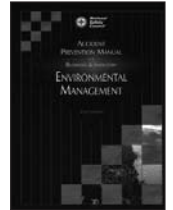
Environmental Management, 2nd Edition

Gary R. Krieger, Editor

Publication #01-002 \$132.07

Released in March 2000, this reference is organized into three sections: General Framework, Waste Management, and Special Concerns. This edition includes: 10 case studies in environmental management, a comprehensive environmental resource guide, a glossary of acronyms, and a glossary of terms.

ISBN: 978-0-87912-209-6. © 2000. 539 pages.



Security Management

Richard W. Lack, Editor

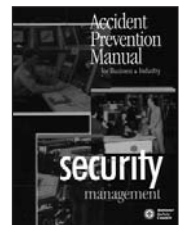
Publication #9802 \$82.51

Designed to serve as a reference, this book provides an overview of the occupational security management field. Each chapter includes coverage of the topic, and features practical applications and a bibliography.

ISBN: 978-0-87912-198-3. © 1997. 509 pages.

Also Available as a 4 volume set.

Publication #APM Combo \$534.87



NEW TITLE

Advanced Safety Management: Focusing on Z10 and Serious Injury Prevention

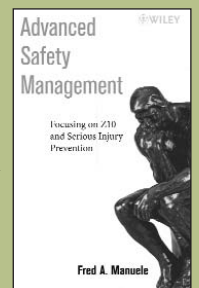
Fred A. Manuele

Publication #08-006 \$89.95

Advanced Safety Management provides the information and guidance needed to improve the effectiveness of safety and health management systems by implementing ANSI Z10 provisions. The book also helps determine and prepare for the beneficial effects that integrating ANSI Z10 provisions can have on productivity, cost efficiency, and quality. Key topics covered include:

- Risk Assessment Methods and Prioritization
- Applying a Prescribed Hierarchy of Controls
- Implementing and Performing Safety Design Reviews
- Including Safety Specifications in Purchasing and Procurement Systems
- Management of Change Systems

ISBN: 978-0-470-10953-3. © 2008. 416 pages.



NEW EDITION

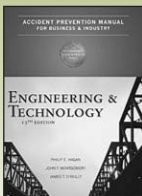
Engineering & Technology, 13th Edition

Publication #0660 \$189.87

This revision includes new chapters on designing in safety, medical surveillance, shift work stress, clean rooms, and heat and cold stress. It also discusses the latest in equipment safeguarding, materials handling and storage, and much more. Workbooks are included.

ISBN: 978-0-87912-213-3. © 2009.

Also Available on CD-ROM. See Computer Resources section of this catalog, page 48.



Assurance Technologies Principles and Practices: A Product, Process, and System Safety Perspective, 2nd Edition

Dev G. Raheja and Michael Allocco

Publication #07-010 \$94.50

Asserting that safety is not a cost, but an investment, this book unites the gamut of disciplines that are essential for effective design applying assurance technology principles, including: system safety, reliability, maintainability, human engineering, quality, logistics, software integrity, and system integration. Four new chapters have been added to the Second Edition:



- Managing Safety-Related Risks
- Statistical Concepts, Loss Analysis, and Safety-Related Applications
- Models, Concepts, and Examples: Applying Scenario-Driven Hazard Analysis
- Automation, Computer, and Software Complexities

With its detailed examples and real-world challenges, this book is an advanced resource for both students and professionals in safety, industrial engineering, systems engineering, risk engineering, and other assurance technology domains.

ISBN: 978-0-471-74491-7. © 2006. 472 pages.

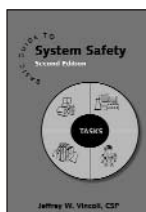
“It is an outstanding reference that I’m sure you’ll use on a regular basis.” — David Barber, CIH, MS

Basic Guide to System Safety, Second Edition

Jeffrey W. Vincoli

Publication #06-012 \$79.95

Provides a basic explanation of the use of the system safety process to identify and eliminate hazards, and recommends risk reduction techniques and control measures for the residual hazard risk. The book is divided into two main parts — The System Safety Program and System Safety Analysis: Techniques and Methods — and covers topics including:



- System safety concepts
- System safety program requirements
- Preliminary hazard analysis
- Hazard and Operability Studies (HAZOP) and “what-if” analyses
- Probability theory and statistical analysis
- Failure mode and effect analysis

The Second Edition reflects updated industry practices and includes a new chapter on the basic concepts, utility, and function of HAZOP and “what-if” analysis.

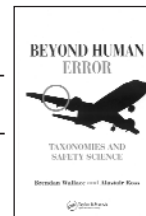
ISBN: 978-0-471-72241-0. © 2006. 224 pages.

Beyond Human Error: Taxonomies and Safety Science

Brendan Wallace and Alastair Ross

Publication #06-011 \$79.95

This book focuses on a new concept in accident prevention that explores a cognitivist, more modern viewpoint on assessing accidents. Based on research in the rail, nuclear, and defense industries, the authors deconstruct the conventional concept of human error and suggest that systems and sociological factors should not be ignored in contemporary safety science. The limitations of the conventional process of creating a taxonomy of error events are defined, and examples of alternative approaches are provided by the authors. Also found in the book:



- A step-by-step illustration of how to create and test a taxonomy of safety related data
- A taxonomy test demonstration and assessments of all basic statistics for such tests
- A brief introduction to Bayesian statistics and how they can be used in reliability studies and predictive modeling
- Critiques of existing methodologies in safety management, specifically root cause and human error

ISBN: 978-0-8493-2718-6. © 2006. 288 pages.

“Those professionals who wish to expand and challenge their thinking about safety science will benefit from reading this book.”

— David Clapp, PhD, PE, CIH

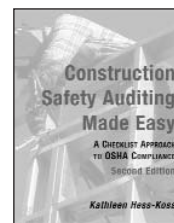
Construction Safety Auditing Made Easy: A Checklist Approach to OSHA Compliance, Second Edition

Kathleen Hess-Kosa

Publication #99-004R \$105

The Second Edition of this text provides safety professionals with a methodical process for performing effective safety audits of their workplaces to ensure compliance with federal regulations.

Construction Safety Auditing Made Easy uses a series of detailed checklists to help construction safety veterans and novices conduct self audits to determine deficiencies, achieve compliance, and maintain a safe working environment. It follows a user-friendly format that allows readers to quickly determine where compliance problems exist for the principal issues most construction sites face.



This comprehensive reference covers more than 30 construction safety topics, including Battery Management, Chemical Storage, Confined Space Entry, Emergency Action Planning, Excavations, Personal Protective Equipment, and Fall Protection. A brief introduction to the hazards of building materials is also included.

ISBN: 978-0-86587-979-9. © 2003. 448 pages.

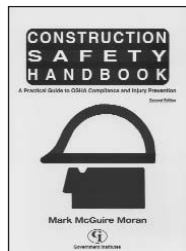
Construction Safety Handbook: A Practical Guide to OSHA Compliance and Injury Prevention, Second Edition

Mark McGuire Moran

Publication # 9705 \$89

This handbook is a practical guide to implementing safety programs that can dramatically reduce construction injuries and deaths and facilitate compliance with OSHA regulations. Filled with sample programs, policies, forms, and checklists, the manual provides the legal background and practical guidance for protecting workers and achieving compliance. The Second Edition examines all of the construction safety regulations found in the Code of Federal Regulations Title 29 (OSHA) Part 1926, includes the actual legal text of the regulations, and provides an overview for each subpart for easier reference. New topics also include the obvious and hidden dangers of construction, and the latest changes in OSHA standards: new recordkeeping requirements, new ergonomics guidelines, new Steel Erection standard requirements, and additions to the signs, signals, and barricades requirements.

ISBN: 978-0-86587-813-6. © 2003. 500 pages.



Developing an Effective Safety Culture: A Leadership Approach

James E. Roughton and James J. Mercurio

Publication #03-010 \$71.95

Developing an Effective Safety Culture: A Leadership Approach promotes the idea that working safely is a cultural issue, and that establishing an effective safety culture will eliminate incidents in the workplace. It offers a comprehensive approach to developing an effective safety culture, and provides the information needed to achieve this goal. The following topics are discussed:

- Understanding the cost of incidents
- Perspectives and descriptions of management systems
- Principal management leadership traits
- Establishing and evaluating goals and objectives
- Providing visible leadership
- Assigning required responsibilities

OSHA requirements for training, job hazard analysis for tasks, and case studies based on the authors' experiences are also included.

ISBN: 978-0-7506-7411-9. © 2002. 477 pages.



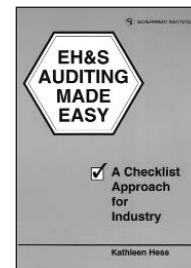
EH&S Auditing Made Easy: A Checklist Approach for Industry

Kathleen Hess

Publication #9788 \$105

This publication helps managers conduct audits of their facilities using compliance checklists for most of the environmental, health, and safety issues facing industry. The book also goes beyond compliance, offering best practices to further enhance safety and improve efficiency and productivity. In addition, it includes a scoring system; a glossary of environmental, safety, and health terms and acronyms; information on the most frequently cited violations; and local contacts for compliance assistance.

ISBN: 978-0-86587-581-4. © 1997. 599 pages.



Emergency Preparedness for Facilities: A Guide to Safety Planning and Business Continuity

David Casavant

Publication #03-016 \$125

Emergency Preparedness for Facilities is a comprehensive book that provides instructions for developing prevention and response plans for emergencies and disasters. It stresses the importance of being prepared and able to respond quickly in an emergency situation, and provides detailed instructions on what to do in various emergency situations. Features natural and non-natural emergencies including:

- Power Outages
- Chemical Spills
- Bomb Threats
- Riots, Demonstrations, and Workplace Violence
- Fire, Drought, Blizzards, and Floods

Relevant OSHA requirements, OSHA Forms 300, 301, and 300A, and a companion CD-ROM containing forms and templates needed by safety risk professionals are also included.

ISBN: 978-0-86587-843-3. © 2003. 500 pages.



Excavation Safety: A Guide to OSHA Compliance and Injury Prevention

Carl O. Morgan

Publication #03-021 \$85

A comprehensive guide for construction safety directors and managers that incorporates OSHA standards and preventative safety measures into daily operations. Learn methods for restricting workers from hazardous areas and protecting them from materials and equipment; for ensuring a protection system is in place; for examining pre-site considerations; and for eliminating serious injury, work delays, and additional costs. Common causes of excavation, trenching, and shoring violations are also addressed.

Chapters include summaries for quick reference, common excavation errors and corrective actions case studies, forms, and additional resources for training.

ISBN: 978-0-86587-959-1. © 2003. 200 pages.

"If you are tasked with excavation safety for the first time — or if you are a Safety Professional seasoned in excavation safety — this book provides an invaluable resource that is both comprehensive and readable." — Banks Clark, PE, CIH, CSP



Fundamentals of Fire Protection for the Safety Professional

Lon Ferguson and Christopher Janicak

Publication #06-001 \$79

A training tool for the workplace or the classroom, this book provides safety managers guidance on how to incorporate fire hazard awareness and protection into their safety management plans. According to this guide, the key to designing safety management programs that protect an organization's assets is understanding fire safety basics, the physics of fire, and the properties and classes of common hazards. The rules, references, and guidelines are broken down into easy to understand tables, diagrams, and photographs. Topics covered include:

- Developing emergency action plans and fire prevention plans
- Implementing effective alarm and detection systems and fire extinguishment systems
- Fire hazards in the workplace
- Practical fire safety principles

Chapter summaries, sample problems, answers to chapter questions, and a comprehensive glossary and index are also included.

ISBN: 978-0-86587-988-1. © 2005. 304 pages.



Fundamentals of Occupational Safety and Health, Fourth Edition

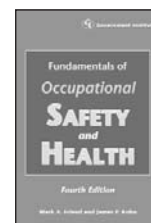
Mark A. Friend and James P. Kohn

Publication #07-006 \$79

The Fourth Edition of *Fundamentals of Occupational Safety and Health* has been updated to provide a thorough overview of issues faced by occupational safety and health field professionals including technology, management, and regulatory compliance issues.

All major topics, from safety-related laws and regulations to hazardous materials and workplace violence, are covered in this comprehensive volume, as well as directories for safety and health associations, first responder organizations, and State and Federal agencies. The Fourth Edition also examines OSHA's recordkeeping standard, covering the required written programs for general industry, identifying when they are needed, and which major points must be addressed for each.

ISBN: 978-0-86587-171-7. © 2006. 526 pages.



Guidelines for Safe and Reliable Instrumented Protective Systems

Center for Chemical Process Safety (CCPS)

Publication #07-018 \$135

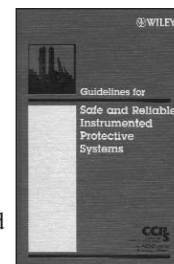
This book combines all of the basic concepts of Integrated Safety Management (ISM), also known as Life Cycle Management, into one easy-to-use reference. The decision-making processes for the management of instrumented protective systems (IPS) throughout a project's life cycle are explained, and the new IEC 61511 Standard is used as the basis for the work processes used to achieve safe and reliable process operation.

The examples of real-life experience applications provided in the book will be useful to workers in safety engineering, industrial processes, laboratory operations, plant operations, and facility operations.

ISBN: 978-0-471-97940-1. © 2007. 405 pages.

"This is an essential text that should be on everyone's desk."

—David L. Barber, CIH, MS



Handbook of OSHA Construction Safety and Health, 2nd Edition

Charles D. Reese and James Vernon Eidson

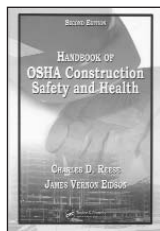
Publication #99-050 \$104.95

This handbook addresses the occupational safety and health issues faced by workers in the construction industry. Contract liability and multi-employer sites are highlighted in this new edition, as well as updates for construction regulations, construction job audit, training requirements, and OSHA regulations. Topics covered include:

- Program development
- Safety and health program implementation
- Intervention and prevention of construction incidents
- Regulatory interpretations
- Understanding and compliance
- OSHA's expectations
- Health and safety hazards

New record-keeping guidelines, forms and updated contact information for the new agencies are included along with a model safety and health program, examples of accident analysis and prevention approaches, sample safety and health checklists, and more than 200 illustrations.

ISBN: 978-0-84936546-1. © 2006. 984 pages.



Hazard Analysis Techniques for System Safety

Clifton A. Ericson, II

Publication #06-009 \$110

Hazard Analysis Techniques for System Safety details seven hazard analysis types and 22 of the most commonly used hazard analysis techniques used by safety analysts on a daily basis. New and seasoned analysts will find this book an invaluable resource for designing and constructing safe systems. Each chapter includes definitions, worksheets, checklists, examples, advantages and disadvantages of a method, and common mistakes to avoid.

ISBN: 978-0-471-72019-5. © 2005. 499 pages.

"...the author states his purpose for writing this book is to provide a complete description of hazard theory and to give detailed descriptions of the most common hazard analysis techniques...it appears that the author has definitely accomplished his goals."

— Denise C. Brever, CIH, CSP



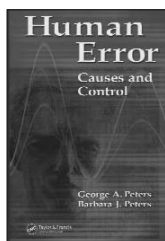
Human Error: Causes and Control

George A. Peters and Barbara J. Peters

Publication #06-018 \$79.95

Appropriate for safety and health students and professionals, this book provides a detailed evaluation of risk assessment systems and alternative analytic methods used to classify and evaluate human errors. Theories, methods, and specific techniques for controlling human error are explored throughout the book, and topics covered include: human factors design guidelines, testing and functional validation, managerial errors, institutional and organizational errors, management challenges, and professional responsibility/ethics.

ISBN: 978-0-8493-8213-0. © 2006. 232 pages.



Illustrated Dictionary and Resource Directory of Environmental & Occupational Health, Second Edition

Herman Koren

Publication # 05-015 \$185.95

This is a comprehensive reference source of 16,000 diverse terms and topics that encompass the fields of environmental science, occupational health and safety, and preventive medicine. The Second Edition includes 8,500 new terms related to equipment and environmental control, new and emerging diseases, hazardous chemicals, bioterrorism and emergency response, and environmental resources. Topics covered include:

- Chemical, biological, and physical hazards
- Emerging diseases
- Instrumentation, GIS and mapping
- Microbiology
- Terrorism and bioterrorism
- Pesticides
- Epidemiology
- Toxicology
- Risk assessment and statistics
- Environmental programs
- Air quality and indoor air pollution
- Solid and hazardous waste management
- Weather, geology and geography
- Food protection, food borne disease, and food technology

The combination of eclectic terms, hundreds of listed resources such as government agencies, professional and industrial organizations, and over 1,000 detailed illustrations make this a valuable resource for professionals.

ISBN: 978-1-56670-590-5. © 2004. 712 pages.



Innovations in Safety Management: Addressing Career Knowledge Needs

Fred A. Manuele

Publication #01-035 \$125

Developed from a survey of corporate safety directors, conducted by renowned safety expert Fred Manuele, this title addresses topics that are critical to the knowledge base of any successful safety professional. Some of the topics included are:

- Risk assessment
- Risk analysis
- Financial management
- The use of statistics to explain, in financial terms, courses of action to upper management

This is an excellent new resource for safety directors who wish to enhance their educations and careers.

ISBN: 978-0-471-43959-2. © 2001. 251 pages.



Job Hazard Analysis

George Swartz

Publication #02-007 \$79

This step-by-step, illustrated guide to identifying risks and preventing occupational hazards in the workplace will empower a wide range of safety and health professionals, regardless of their level of expertise, in the use of job hazard analyses (JHA). This text examines the JHA program and helps safety professionals create and maintain a successful JHA program with guidance from a veteran safety professional. Topics discussed in *Job Hazard Analysis* include:



- Job lists, JHA forms, job observations
- Identifying workplace hazards
- The 11 injury-related job risks
- The 14 elements of successful safety and health programs

This guide also features dozens of photos, sample JHAs, and 25 job category checklists for assessing common hazards.

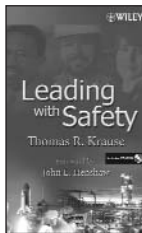
ISBN: 978-0-86587-818-1. © 2001. 205 pages.

Leading With Safety

Thomas R. Krause

Publication# 06-004 \$94.95

Leading With Safety examines the relationships between safety leadership, organizational culture, and organizational performance and how these relationships improve safety performance for a more productive and effective organization. The practices, tools, and systems essential to creating an injury-free workplace are defined and include: the role of employees on every level; crucial aspects of human performance that leaders need to know; and coaching considerations for senior executive leaders. Several examples of organizations that have successfully used these tools are included, along with a CD-ROM Safety Excellence Self-Assessment tool for users to assess their program's current status.



ISBN: 978-0-471-49425-6. © 2005. 304 pages.

Managing Maintenance Shutdowns and Outages

Joel Levitt

Publication #05-005 \$47.95

Filled with examples from many industries and actual events, *Managing Maintenance Shutdowns and Outages* is designed as a reference for heavy industry process operations maintenance projects, and focuses on how to effectively plan and manage the diverse details of large maintenance jobs and projects such as power plant outages, refinery refits, and more. The book introduces steps for a successful shutdown or outage and details each phase: initiation, planning, execution, closeout, and lessons learned. A complete shutdown glossary and an outside references section are included, making this a valuable tool for occupational hygienists, safety professionals, maintenance managers, project engineers, and supervisors.



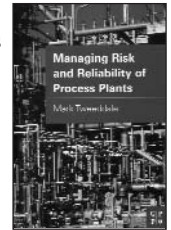
ISBN: 978-0-8311-3173-9. © 2004. 208 pages

Managing Risk and Reliability of Process Plants

Mark Tweeddale

Publication #04-003 \$97.95

This book is a comprehensive resource that promotes industrial health and safety in the field of risk management and risk assessment in the process and chemical engineering industry. It focuses on major safety hazards and processing hazards that interrupt production, and on how to balance safety issues with plant performance. Real-world case studies and useful approaches to recognize early warning signs for preventing major accidents that can cost lives, property and environmental damage are also featured.



ISBN: 978-0-7506-7734-9. © 2003. 528 pages.

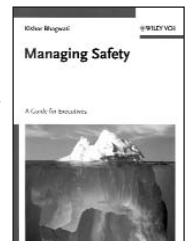
"Dr. Mark Tweeddale has written a practical and resource rich book on process safety that will astound you." — David L. Barber, CIH, MS

Managing Safety: A Guide for Executives

Kishor Bhagwati

Publication #07-005 \$100

Written by an author who truly understands safety management, this book targets upper and middle management and offers a new approach to preventing serious incidents. It focuses on the idea that accidents can be avoided with little effort and money if management follows simple steps to help establish an injury-free culture. Chapters in the Table of Contents include:



- Consequences of Accidents
- Man or Machine?
- Why Do Accidents Happen?
- The Myths of Management
- Who "Makes" Safety?
- The Art of Talking
- Brainstorming
- The Methodology of an Accident Investigation
- The Art of Questioning

ISBN: 978-3-527-31583-3. © 2007. 235 pages.

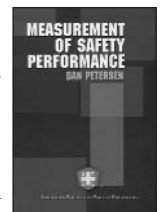
Measurement of Safety Performance

Dan Petersen

Publication #06-008 \$44.95

This book uses forward-looking alternatives to measure safety performance instead of using traditional incident rates, accident statistics, and workers' compensation claims that measure past safety failures.

Alternatives to basing safety performance on past incidents include using measuring tools, such as perception surveys and scored assessments, and applying these tools to all levels of an organization, from employees to upper management, to promote safe work practices. Examples, graphs, charts, case studies, and sample company policies are included to assist in developing safety performance measurements for any company safety program.



ISBN: 978-1-885581-49-5. © 2005. 200 pages.

Natural Gas Safety Handbook for Utility Workers and Contractors

National Safety Council and U.S. Department of Transportation

Publication #04-013 \$32.96

Written by experts in the field for workers who perform maintenance and installation of gas systems, this handbook is a “must have” for safety and health professionals and contractors who work with natural gas systems.

This handbook provides basic knowledge of hazards unique to employees of gas utilities, as well as guidelines and procedures that promote safe working conditions. Topics are organized in an easy to use format and include:

- General Safety
- Fire Safety
- Personal Safety (Devices & Equipment)
- Workplace Safety
- Hazardous Environments – Recognition
- Gas Facilities
- First Aid
- And More!

ISBN: 978-0-87912-248-5. © 2003. 87 pages.

“I found that this book contains good general principles for evaluating hazards.” — David Barber, CIH, MS



Occupational Health & Safety, 3rd Edition

National Safety Council

Publication #01-006 \$132.07

This completely revised edition will enable organizations to tackle a myriad of occupational health and safety issues with one complete reference text. Topics covered include: workplace exposures, shift-work stress, radiation safety, occupational stress, ergonomics, and back injuries, fitness programs, and substance abuse.

ISBN: 978-0-87912-203-4. © 2000. 606 pages.



Occupational Safety and Health Library

National Safety Council

Publication #NSC Combo \$734.32

This library reference set contains six titles that are fundamental to any professional safety practice. The set includes:

- *Accident Prevention Manual for Business and Industry: Administration & Programs, 13th Edition; page 16.*
- *Accident Prevention Manual for Business and Industry: Engineering & Technology, 13th Edition; page 16.*
- *Accident Prevention Manual for Business and Industry: Security Management; page 16.*
- *Accident Prevention Manual for Business and Industry: Environmental Management, 2nd Edition; page 16.*
- *Occupational Health & Safety, 3rd Edition; page 22.*
- *Fundamentals of Industrial Hygiene, 5th Edition; page 5.*

Office Building Safety and Health

Charles D. Reese

Publication #05-010 \$124.95

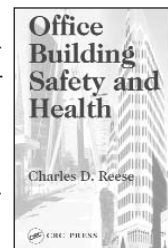
A valuable reference for office administrators, property managers, and building owners, as well as safety and health professionals concerned with office health and safety, this book provides a comprehensive look at office building safety and health and gives guidance for planning and implementing safety and health programs in an office environment.

Topics covered include:

- Worker Involvement, Workers' Compensation and OSHA's Role
- Building and Equipment Safety
- Building and Parking Lot Security
- Housekeeping, Material Handling, and Chemical Hazards
- Workplace Design and Ergonomics
- Emergency Response and Workplace Violence

Numerous appendices offer regulations, checklists, and sample forms and programs.

ISBN: 978-1-56670-683-4. © 2004. 350 pages.



On-Site Emergency Response Planning Guide, 2003 Edition

Richard T. Vulpitta

Publication #01-041 \$49.48

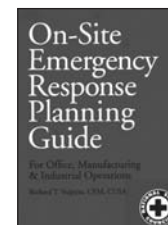
The 2003 version of the *On-Site Emergency Response Planning Guide* features:

- New information on the Department of Homeland Security and levels of alert.
- A home emergency planning checklist.
- New information on weather emergencies.
- Updated mail handling instructions.
- A comprehensive glossary of terms and a list of useful websites.

The *On-Site Emergency Response Planning Guide* can help anyone responsible for facility safety create a plan for, and cope with, man-made or natural disasters and emergencies.

Once you have received your copy of the Guide, you may request its companion disk with customizable plan templates, download the plan templates from National Safety Council's website, or both. The templates allow you to create a customized response plan while complying with OSHA-mandated regulations.

ISBN: 978-0-87912-218-8. © 2003. 134 pages.



Pocket Guide To Safety Essentials

Eileen M. Reynolds

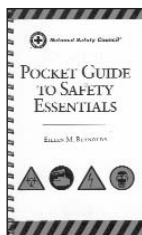
Publication #02-009 \$49.48

This is a handy, well-organized manual for safety professionals studying for the CSP certification examination or for professional use on a daily basis as a general reference. This practical manual contains numerous diagrams, tables, definitions, laws, formulas, and facts within various fields. Some fields covered in the manual include:

- Electricity
- Ergonomics
- Industrial hygiene
- Occupational medicine
- Liability and insurance compensation
- Fire and explosions

This is a great pocket reference with a wide application for safety professionals regardless of their level of expertise.

ISBN: 978-0-87912-217-1. © 2001. 181 pages.



Project Risk Management

Bruce T. Barkley

Publication #04-014 \$52

Using an unconventional treatment of project risk management, this book views risk as the result of bad project selection, bad business planning, and bad company-wide culture. This new perspective on project risk is based on risk management at the business level; project planning and management practice; and building an organizational culture that recognizes risk as the consequence of bad planning. Topics covered include:

- Identifying, categorizing, ranking, and assessing risks
- Contingency plans and project schedules
- Relating risk to cost control and budget issues
- Demystifying risk and integrating it into business and project planning and control

The author's knowledge of the subject matter is evident in the numerous and detailed case examples found in the book, and the clear, uncomplicated presentation of material.

ISBN: 978-0-07-143691-5. © 2004. 229 pages.

"Most project managers learn these lessons the hard way. Reading this book would avoid many costly mistakes." — James Martin, CIH



Risk Communication: A Handbook for Communicating Environmental, Safety, and Health Risks, Third Edition

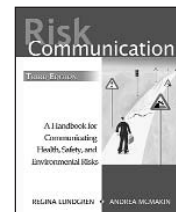
Regina Lundgren and Andrea McMakin

Publication #99-027 \$34.95

Communication must be targeted, understandable, and effective when health, safety, or environmental risks take center stage. *Risk Communication* has been a valuable resource for conveying risk effectively for 10 years, and the significantly expanded Third Edition contains new sections on communicating about acts of bioterrorism and other emergencies, developing messages, and using facilitated deliberation and alternative dispute resolution methods. Sections on using technology in communication, choosing visuals, understanding stigma and privacy issues, and evaluating communication results have been expanded to include the latest research and methods. The book is divided into five self-contained parts:

- Background information on basic theories and practices
- Planning a communication effort
- Putting risk communication into action
- Evaluating risk communication efforts
- Communicating risk during and after an emergency

ISBN: 978-1-57477-142-8. © 2004. 473 pages.



Safety Metrics: Tools and Techniques for Measuring Safety Performance

Christopher A. Janicak

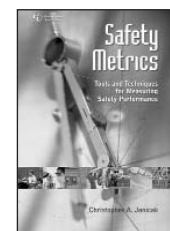
Publication #03-001 \$85

This comprehensive guide prepares readers for determining corrective action before an accident or injury occurs, and helps develop an effective safety metrics program. A collection of tools and techniques discussed in the book includes:

- Descriptive and inferential statistics
- Cause and effect analyses
- Measures of variability
- Run charts and control charts
- Trending and forecasting
- Safety metric program development, implementation, and evaluation techniques

Detailed procedures for data collection analysis, and presentation, as well as exercises and questions, are also included.

ISBN: 978-0-86587-947-8. © 2003. 208 pages.



Safety Through Design

National Safety Council

Publication #01-007 \$82.51

Learn how each level of engineering should be given the responsibility for building safety into the job, right through the production phase. Also, find out how responsibility extends to product design, machine design, plant layout and condition of premises, selection and specification of materials, production planning, and duties of managers and employees. *Safety Through Design* is an important new text addressing the leading edge in safety theory and implementation.

ISBN: 978-0-87912-204-1. © 1999. 279 pages.



Security Risk Assessment and Management: A Professional Practice Guide for Protecting Buildings and Infrastructures

Betty Biringer, Rudolph Matalucci and Sharon O'Connor

Publication #07-012 \$95

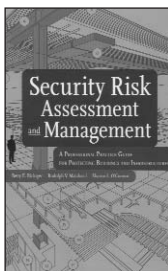
A best practices book for security risk assessment and management of buildings and their supporting infrastructures, *Security Risk Assessment and Management* is designed to optimize the security of workplace environments for occupants and to protect the interests of owners and other stakeholders. This comprehensive risk assessment and management approach has been used by various organizations including the U.S. Bureau of Reclamation, the U.S. Army Corps of Engineers, and numerous other private corporations.

This book provides the tools to:

- Identify regional and site-specific threats that are likely and credible
- Evaluate the consequences of these threats, including loss of life and property, economic impact, as well as damage to symbolic value and public confidence
- Assess the effectiveness of physical and cyber security systems and determine site-specific vulnerabilities in the security system

The analytical tools provided will assist in determining whether to accept a calculated estimate of risk or to reduce the estimated risk to a level that meets particular security needs, and help implement a risk-reduction program through proven methods to upgrade security to protect against a malicious act and/or mitigate the consequences of the act.

ISBN: 978-0-471-79352-6. © 2007. 384 pages.



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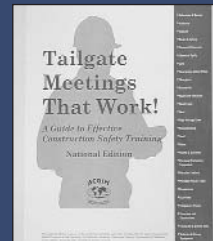
Tailgate Meetings That Work! A Guide to Effective Construction Safety Training, National Edition

Publication #9655 \$99.95

Time and again, statistics show that construction is one of the most hazardous industries in the United States. This book's innovative format makes construction tailgate meetings or toolbox talks more effective while helping to achieve compliance with federal regulations. For each of its 27 separate topic areas, the guide provides a walk-around checklist (that identifies site-specific hazards, applicable federal regulations, and good practice guidelines to help the trainer prepare for a talk), and a training guide (to step the trainer through a meeting or talk).

ISBN: 978-1-882417-17-9. © 1997. 324 pages.

*ACGIH® Members receive 10% off all ACGIH® Signature Publications.



Working Safe: How to Help People Actively Care for Health and Safety, Second Edition

E. Scott Geller

Publication #03-007 \$57.95

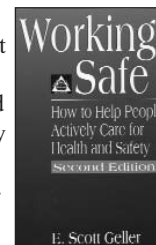
World-renowned health and safety researcher E. Scott Geller uses personal anecdotes and a non-academic writing style to promote the psychology of health and safety. The goal of the book is to create a Total Safety Culture in the workplace by providing the proactive principles and procedures of behavior-based psychology. The Second Edition features:

- Three new chapters: Behavioral Safety Analysis, Supportive and Corrective Conversation, and High Performance Teamwork
- Humorous, original drawings used to illustrate the concepts
- Research-tested, practical tools and methods

ISBN: 978-1-56670-564-6. © 2001. 304 pages.

"Working Safe is an excellent resource for all safety and health professionals. Dr. Geller is truly an expert in behavior-based safety techniques and is a gifted writer providing many real world examples."

— Amy H. Snow, MHS, CIH

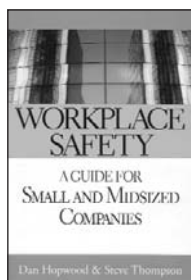


Workplace Safety: A Guide for Small and Midsized Companies

Dan Hopwood and Steve Thompson

Publication #07-009 \$45

Workplace Safety uses a direct approach to creating the basic elements of a successful safety program that could actually apply to any company. Up-to-date information and real world examples that demonstrate how to prevent, as well as confront, the common health and safety issues that arise in the workplace are covered. The book explores the strategies and tactics of managing safety in the workplace; how to assess where you are to determine the risk you have; developing a risk-based, cost effective worker safety and health program; the importance of hazard identification, using precursors of risk and effective controls, and corrective action management; how to manage emer-



gencies, their related planning needs, and response; moral and ethical considerations in workplace safety; implanting strategies that lead to successful use of workers' compensation and insurance programs; and creating a safety culture that can be self-regulating and ultimately avoid the conditions and behaviors that lead to injury and illness in the workplace.

ISBN: 978-0-7821-3604-3. © 2006. 256 pages.

"This is a useful book and I can highly recommend it..."

— Roger Briggs, CIH, MPH

MEDICAL TOXICOLOGY

Atlas of Occupational Health and Disease

Nerys R. Williams and John Harrison

Publication #04-010 \$125

This photographic reference offers readers a visual tour of typical industrial work sites, a brief description of health conditions resulting from workplace exposures, and realistic photographs of the conditions described. Illustrated with almost 300 quality photographs, this book covers all major occupational disorders and their causes. An ideal reference for the novice or seasoned professional, topics include:

- Diseases associated with chemical and physical agents
- Diseases relating to ergonomic and mechanical factors
- Diseases associated with microbiological agents
- Disorders of the skin and lung
- Occupationally related cancers and reproductive effects

ISBN: 978-0-340-74069-9. © 2004. 140 pages.

"The Atlas of Occupational Health and Disease provides a useful visual introduction to work place hazards and clear photographic examples of several key conditions associated with occupational exposures." —

Sandra Sulsky, MPH, PhD



Casarett & Doull's Essentials of Toxicology

Curtis D. Klaassen and John B. Watkins, III

Publication #04-002 \$59.95

Casarett & Doull's *Essentials of Toxicology* provides just that – the essentials. A much shorter version of *Casarett & Doull's Toxicology*, this text is highly readable and provides the benefits of *Toxicology* without the bulk. Topics covered include:

- Basic principles of toxicology
- Toxicokinetics
- Body responses to poisons
- Specific effects of toxic agents ranging from pesticides to radiation
- And more!

This concise reference also features chapter outlines, clear illustrations, summary tables, review questions (with answers), and chapter bibliographies to assist with further research.

ISBN: 978-0-07-138914-3. © 2003. 533 pages.

"This text would work very well as a review, or overview, of the general field of toxicology."

— Lawrence Stilwell Betts, MD, PhD, CIH, FACOEM

