

## Hazardous Materials Emergency Planning Guide

*Comprehensive Preparedness Guide (CPG) 101 provides Federal Emergency Management Agency (FEMA) guidance on the fundamentals of planning and developing emergency operations plans (EOP). CPG 101 shows that EOPs are connected to planning efforts in the areas of prevention, protection, response, recovery, and mitigation. Version 2.0 of this Guide expands on these fundamentals and encourages emergency and homeland security managers to engage the whole community in addressing all risks that might impact their jurisdictions. While CPG 101 maintains its link to previous guidance, it also reflects the reality of the current operational planning environment. This Guide integrates key concepts from national preparedness policies and doctrines, as well as lessons learned from disasters, major incidents, national assessments, and grant programs. CPG 101 provides methods for planners to: Conduct community-based planning that engages the whole community by using a planning process that represents the actual population in the community and involves community leaders and the private sector in the planning process; Ensure plans are developed through an analysis of risk; Identify operational assumptions and resource demands; Prioritize plans and planning efforts to support their seamless transition from development to execution for any threat or hazard; Integrate and synchronize efforts across all levels of government. CPG 101 incorporates the following concepts from operational planning research and day-to-day experience: The process of planning is just as important as the resulting document; Plans are not scripts followed to the letter, but are flexible and adaptable to the actual situation; Effective plans convey the goals and objectives of the intended operation and the actions needed to achieve them. Successful operations occur when organizations know their roles, understand how they fit into the overall plan, and are able to execute the plan. Comprehensive Preparedness Guide (CPG) 101 provides guidelines on developing emergency operations plans (EOP). It promotes a common understanding of the fundamentals of risk-informed planning and decision making to help planners examine a hazard or threat and produce integrated, coordinated, and synchronized plans. The goal of CPG 101 is to make the planning process routine across all phases of emergency management and for all homeland security mission areas. This Guide helps planners at all levels of government in their efforts to develop and maintain viable all-hazards, all-threats EOPs. Accomplished properly, planning provides a methodical way to engage the whole community in thinking through the life cycle of a potential crisis, determining required capabilities, and establishing a framework for roles and responsibilities. It shapes how a community envisions and shares a desired outcome, selects effective ways to achieve it, and communicates expected results. Each jurisdiction's plans must reflect what that community will do to address its specific risks with the unique resources it has or can obtain. Planners achieve unity of purpose through coordination and integration of plans across all levels of government, nongovernmental organizations, the private sector, and individuals and families. This supports the fundamental principle that, in many situations, emergency management and homeland security operations start at the local level and expand to include Federal, state, territorial, tribal, regional, and private sector assets as the affected jurisdiction requires additional resources and capabilities. A shared planning community increases the likelihood of integration and synchronization, makes planning cycles more efficient and effective, and makes plan maintenance easier.*

*The goal of this book is to help train hazmat response teams and other responders in disaster training, techniques, and planning. The book will also help define and sharpen training plans and assumptions. Focusing on lessons learned from real-world experiences during actual disasters, the book will help to establish a well-trained professional 1st responder, individuals, and teams. Such lessons are emphasized so that planners and responders learn to anticipate how their community is likely to react under real disaster conditions, and plan accordingly.*

*TRB's National Cooperative Highway Research Program (NCHRP) Report 525, Vol. 16: A Guide to Emergency Response Planning at State Transportation Agencies is designed to help executive management and emergency response planners at state transportation agencies as they and their local and regional counterparts assess their respective emergency response plans and identify areas needing improvement. NCHRP replaces a 2002 document, A Guide to Updating Highway Emergency Response Plans for Terrorist Incidents. NCHRP Report 525, Vol. 16 is supported by the following online appendixes: Appendix K - Annotated Bibliography; Appendix L - White Paper on Emergency Response Functions and Spreadsheet Tool for Emergency Response Functions; Appendix M - 2010 Guide Presentation. NCHRP Report 525: Surface Transportation Security is a series in which relevant information is assembled into single, concise volumes - each pertaining to a specific security problem and closely related issues. The volumes focus on the concerns that transportation agencies are addressing when developing programs in response to the terrorist attacks of September 11, 2001, and the anthrax attacks that followed. Future volumes of the report will be issued as they are completed.*

*"This Plan is in compliance with Public Law 99-499, Title III (... SARA Title III), the Arizona Revised Statutes Emergency Planning and Community Right to Know Act (Title 26, Chapter 2, Article 3 §341-353), the 2010 Comprehensive Planning Guide 101 and the 2001 Hazardous Materials Emergency Planning Guide. It is a stand-alone plan but can be referenced or function as an appendix to Emergency Support Function #10 (Hazardous Materials Response) found in the Santa Cruz County Emergency Response and Recovery Plan, dated June 2002."--Promulgation document, page 5.*

[Hazardous Materials: Managing the Incident](#)

[Guide for Hazardous Materials Emergency Response Planning: to Meet the Requirements of 29 CFR 1910.120\(q\)\(2\).](#)

[FEMA Newsletter](#)

[Guidelines for Public Sector Hazardous Materials Training](#)

[National Response Team : Proposed Hazardous Materials Emergency Planning Guide \(Hazmat Planning Guide\) : Correction](#)

[2012 Emergency Response Guidebook](#)

[Student Manual](#)

[HAZMAT Guide for First Responders](#)

[Hospital Emergency Departments: A Planning Guide for the Management of Contaminated Patients](#)

*Intended to help school officials develop and implement plans and policies for responding to natural and technological disasters or civil disturbances.*

*This guide will help local communities prepare for potential accidents involving hazardous materials. Describes how to form a local planning team, find a team leader, identify and analyze hazards, identify existing response equipment and personnel, write a plan, and keep the plan up to date. Will help communities, small and large alike, to make the impact of accidents less severe. Appendixes: implementing Title III; list of acronyms and recognized abbreviations; glossary; criteria for assessing state and local preparedness; bibliography. Also includes a 32-page report, "What's Happening with Hazardous Materials Emergency Response Teams," excerpts from "Energy and Transportation Network News" (April 1994).*

*NOTE: NO FURTHER DISCOUNT FOR THIS PRINT PRODUCT- OVERSTOCK SALE -Significantly reduced list price The official Emergency Response Guidebook (ERG) is a guide for use by transporters, firefighters, police, and other emergency services personnel who may be the first to arrive at the scene of a transportation incident involving a hazardous material. It is used by first responders in (1) quickly identifying the specific or generic classification of the material(s) involved in the incident, and (2) protecting themselves and the general public during this initial response phase of the incident. The ERG is updated every three to four years to accommodate new products and technology."*

*"This Guide presents comprehensive, step-by-step guidance on assessing hazardous materials emergency response needs at state, regional, and local levels; matching state, regional, and local capabilities with potential emergencies involving different types of hazardous materials; and assessing how quickly resources can be brought to bear in an emergency. The methodology described in the Guide is designed to be scalable, allowing the implementation results to be aggregated at the local level up through regional, state, and national levels. Also, the Guide is designed to connect as many components as possible to already-established standards, guidelines, regulations, and laws, so that the Guide will remain current as these underlying components are updated. In addition, the Guide discusses appropriate means for maintaining currency of the information over time. The Guide and accompanying spreadsheet tool (on the attached CD-ROM), which leads planners through the assessment process, will be most useful for local jurisdictions that have limited resources and expertise in hazardous materials emergency response planning."--pub. desc.*

[Hazardous Materials Contingency Planning Guide - Instructor Guide](#)

[Hazardous Materials Emergency Planning Guide \(proposed\)](#)

[Hazardous Materials Emergency Planning Guide](#)

[Congressional Testimony](#)

[Planning Guide and Checklist for Hazardous Materials Contingency Plans](#)

[Environmental Protection Agency](#)

[Manual for Small Towns and Rural Areas to Develop a Hazardous Materials Emergence Plan](#)

[Energy Aware Planning Guide](#)

[Hazardous Materials Emergency Response and Recovery Plan](#)

*Assists the first responders to incidents involving hazardous materials. Provides uniform guidance for emergency care of chemically contaminated patients & basic information critical to the planning & implementation of emergency medical services' strategies. Topics covered include: hazard recognition, principles of toxicology, personnel protection & safety principles, respiratory protection, site control, decontamination of EMS personnel, assessment of patients, communications, patient treatment & transport, & much more. Illustrated.*

*"This Guide presents comprehensive, step-by-step guidance on assessing hazardous materials emergency response needs at state, regional, and local levels; matching state, regional, and local capabilities with potential emergencies involving different types of hazardous materials; and assessing how quickly resources can be brought to bear in an emergency. The methodology described in the Guide is designed to be scalable, allowing the implementation results to be aggregated at the local level up through regional, state, and national levels. Also, the Guide is designed to connect as many components as possible to already-established standards, guidelines, regulations, and laws, so that the Guide will remain current as these underlying components are updated. In addition, the Guide discusses appropriate means for maintaining currency of the information over time. The Guide and accompanying spreadsheet tool (on the attached CD-ROM), which leads planners through the assessment process, will be most useful for local jurisdictions that have limited resources and expertise in hazardous materials emergency response planning."--Publisher's description.*

*Among the lessons learned from the aftermath of Hurricane Katrina was that effective disaster response requires planning followed by the execution of training and exercises to validate those plans. FEMA is responsible for disaster response planning. This testimony focuses on: (1) criteria for effective disaster response planning established in FEMA's National Response Framework; (2) additional guidance for disaster planning; (3) the status of disaster planning efforts; and (4) special circumstances in planning for oil spills. The auditor reviewed the policies and plans that form the basis of the preparedness system. This is a print on demand edition of an important, hard-to-find report.*

*From the Introduction This book is mostly structured around first-person interviews with nationally and locally recognized experts who have been in hazardous materials response for a number of years. To aid networking, the addresses and telephone numbers of all persons interviewed are listed at the end of each interview. The central narrative theme of the book has been to detail the actual methods, procedures, techniques, tactics, and "lessons learned" of specific hazardous materials response teams (HMRT) drawn from a number of different categories. The object is to have readers find a ready source to provide knowledge of what a teamed, trained, and equipped HMRT uses for methods, tactics, procedures, tools, vehicles, instruments, equipment, strategies, leak/fire/spill control, prevention, remedial actions, decision making, incidents, containment, or hazards. This book answers many questions for emergency responders that they may need to know to stay alive.*

[Managing Hazardous Materials Incidents: Emergency medical services](#)

[Hazardous Substances in Our Environment](#)

[With an Example Application of the Methodology in Developing a Generalized Emergency Plan for Riley County, Kansas : Phase II - Final Report](#)

[An Introduction to Hazardous Materials Contingency Planning](#)

[Hazardous Materials Emergencies](#)

[The Professional Response Team](#)

[Managing Hazardous Materials Incidents](#)

[School Emergency Planning Guide](#)

[Energy Facilities](#)

*This book evolved from the course developed at the U.S. Department of Labor's National Mine, Health, and Safety Academy to develop the legislation that eventually became 29 CFR 1910.120. Fundamentals of Hazardous Materials Incidents offers the reader a basic understanding of the principles involved in toxicology, federal regulations, respiratory protection, personal protective equipment, radiation, environmental considerations, industrial hygiene sampling, site safety, and chemically resistant suits. Thousands of people have been trained using this manual, now revised and available for the first time in hardcover format. The book is essential for identifying potential problems at hazardous waste sites, covers diverse topics throughout the area of hazardous materials response, and is ideal for training courses to meet 29 CFR 1910.120 requirements. Quantity discounts available.*

*A Complete Training Solution for Hazardous Materials Technicians and Incident Commanders! In 1982, the authors Mike Hildebrand and Greg Noll, along with Jimmy Yvorra, first introduced the concept of the Eight-Step Process® for managing hazardous materials incidents when their highly regarded manual, Hazardous Materials: Managing the Incident was published. Now in its Fourth Edition, this text is widely used by fire fighters, hazmat teams, bomb squads, industrial emergency response teams, and other emergency responders who may manage unplanned hazardous materials incidents. As a result of changing government regulations and consensus standards, as well as the need for terrorism response training, Mr. Noll and Mr. Hildebrand have modified and refined their process of managing hazmat incidents and added enhanced content, tips, case studies, and detailed charts and tables. The Fourth Edition contains comprehensive content covering: • Hazard assessment and risk evaluation • Identifying the problem and implementing the response plan • Hazardous materials properties and effects • Identifying and coordinating resources • Decontamination procedures • The Eight-Step Process® • Personal protective equipment selection • Procedures for terminating the incident The Fourth Edition's dynamic features include: • Knowledge and Skills Objectives correlated to the 2013 Edition of NFPA 472, Standard for Competence of Responders to Hazardous Materials/Weapons of Mass Destruction Incidents • ProBoard Assessment Methodology Matrices for the Hazardous Materials Technician and Hazardous Materials Incident Commander levels • Correlation matrix to the National Fire Academy's Fire and Emergency Services Higher Education (FESHE) Bachelor's (Non- Core) Managerial Issues in Hazardous Materials Course Objectives • Realistic, detailed case studies • Practical, step-by-step skill drills • Important hazardous materials technician and safety tips*

*Designed to familiarize readers with the concepts, terminology, and key considerations that affect the management of incidents of chemical contamination. Provides uniform guidance for emergency care of chemically contaminated patients and basic information critical to the planning and implementation of emergency medical services' strategies. Contents include: hazard recognition, principles of toxicology, personnel protection and safety principles, respiratory protection, decontamination of patient, the spectrum of hazardous materials incidents. Illustrated.*

*Meant to aid State & local emergency managers in their efforts to develop & maintain a viable all-hazard emergency operations plan. This guide clarifies the preparedness, response, & short-term recovery planning elements that warrant inclusion in emergency operations plans. It offers the best judgment & recommendations on how to deal with the entire planning process -- from forming a planning team to writing the plan. Specific topics of discussion include: preliminary considerations, the planning process, emergency operations plan format, basic plan content, functional annex content, hazard-unique planning, & linking Federal & State operations.*

[Developing and Maintaining Emergency Operations Plans: Comprehensive Preparedness Guide \(CPG\) 101, Version 2.0](#)

[Surface Transportation Security](#)

[Guide for All-hazard Emergency Operations Planning](#)

[Community Awareness Emergency Planning Guide](#)

[A Citizen's Guide to Understanding Health Risks and Reducing Exposure](#)

[Emergency Medical Services: A Planning Guide for the Management of Contaminated Patients](#)

[Fundamentals of Hazardous Materials Incidents](#)

[Disaster Response: Criteria for Developing and Validating Effective Response Plans](#)

[A Guide for Assessing Community Emergency Response Needs and Capabilities for Hazardous Materials Releases](#)