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Nota di contenuto	Confined Space Entry and Emergency Response; Contents; Preface; Acknowledgments; Part I Basic Confined Space; Chapter 1. Introduction to Confined Spaces; Why All The Concern about Confined Spaces?; OSHA's Response: The Permit-Required Confined Spaces Standard; What are Confined Spaces?; Size and Configuration Make Entry Possible; Spaces Not Designed for Continuous Worker Occupancy; Restricted Means for Entry and Exit; Nonpermit versus Permit-Required Confined Spaces; What Hazards Make a Confined Space Permit-Required?; Hazardous Atmospheres; Engulfment Hazards; Entrapping Configurations Other Significant Safety or Health HazardsThe Importance of Confined Space Recognition; The Intent of OSHA's Permit-Required Confined Spaces Standard; Summary; Chapter 2. Regulatory and Administrative Aspects of Confined Space Entry and Rescue; State and Federal Regulations; U.S. Occupational Safety and Health Administration; Permit

Program Requirements; Personnel Roles and Training Requirements; Training and Duties of Authorized Entrants; Training and Duties of Attendants; Training and Duties of Entry Supervisors; Requirements for Rescue and Emergency Services Personnel
National Fire Protection Association Standards NFPA 1670, Standard on Operations and Training for Technical Rescue Incidents; NFPA 1006, Standard for Rescue Technician Professional Qualifications; NFPA 1983, Standard on Fire Service Life Safety Rope and System Components; NFPA 1404, Standard for a Fire Department Self-Controlled Breathing Apparatus Program; Additional Standards and Guidelines; American National Standards Institute (ANSI); American Society for Testing and Materials (ASTM); National Institute of Occupational Safety and Health (NIOSH); Summary
Chapter 3. Identifying Confined Space Hazards Physical Hazards; Energy; Engulfment; Entrapment; Gravity; Noise; Temperature Extremes; Musculoskeletal Injuries; Physical Hazards Safety Analysis; Hazardous Atmospheres; Oxygen Concentration; Toxic and Asphyxiating Chemicals; Fire and Explosion Hazards; Oxygen; Ignition Source; Fuel; Chemical Properties; Special Hazards; Radioactivity; Biological Hazards; Label and Placard Hazard Recognition; DOT Hazard Classification System; NFPA Hazard Ranking System; HMIS Hazard Labeling System; Summary: Prevention through Assessment
Chapter 4. Air Monitoring in Confined Spaces Regulatory Requirements; Normal Permit-Required Entry; Entry Using Alternate Procedures; Reclassifying a Space as a Non-Permit-Required Confined Space; Employee Observation of Monitoring and Results; Nonmandatory Appendix B; Appendix E: "Sewer System Entry"; Special Industries; Air Sampling in Confined Spaces; Using Air Sampling Data; Limitations; General Procedures; Active Sampling; Passive Sampling; Real-Time Monitoring with Direct-Reading Instruments; Basic Operation; Measuring Oxygen; Measuring Combustible Gases and Vapors Measuring Toxic Atmospheres

Sommario/riassunto

EVERY SECOND COUNTS WHEN YOU'RE RESPONDING TO AN EMERGENCY INVOLVING CONFINED SPACE-HERE'S THE DEFINITIVE GUIDE TO PERFORMING FLAWLESS RESCUES! Confined Space Entry and Emergency Response utilizes a realistic, scenario-based approach to teach you-and your staff-the right way to respond to an incident involving a confined space. The authors provide intensive, step-by-step guidance through the challenging maze of training regulations, equipment needs, and procedures to keep your response team finely tuned and ready to go under any conditions. You'll find expert, detailed coverage of
