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Nota di contenuto	Front Cover; Handbook of Emergency Response to Toxic Chemical Releases; Copyright Page; CONTENTS; Section I: Emergency Response Basics and Hazards Awareness; Section Overview; First Responder; Hazardous Materials Technician; Hazardous Materials Specialist; Definitions; How Hazardous Material is Harmful to People; Protective Clothing vs. Ordinary Clothing; Self-care Precautions for Victim Assistance; Detecting Hazardous Materials Presence; Definitions; Isolation/Evacuation; Incident Command System (ICS); Section II: Toxic Chemical Release Inventory Report; Section Overview; General Information How to Determine if Your Facility Must Submit EPA Form R Instructions for Completing EPA Form R; Appendix A-Blank Toxic Chemical Release Inventory Reporting Form R; Appendix B-Reporting Codes for EPA Form R; Appendix C-Example of How a Hypothetical Facility Prepared Section 313 Reporting Form R; Appendix D-Most Common Errors Found on

Form R Reports; Appendix E-Supplier Notification Requirements; Appendix F-How to Determine Latitude and Longitude from Topographic Maps; Appendix G-State Designated Section 313 Contacts; Appendix H-Section 313 EPA Regional Contacts
Section III: Corrective Action Technologies Section Overview; List of Acronyms; Engineering Overview of the Corrective Action Program; Engineering Considerations in the Facility Investigation; Containment Options; Engineering Considerations for the Corrective Measures Study; Technology Options for the Treatment of Wastes and Waste Streams; Pretreatment and Post Treatment Options; Engineering Considerations for Corrective Measures Implementation; Section IV: Employer's Guide to Community Right-to-Know Reporting; Section Overview; Environmental Hazardous Substance List
List of Extremely Hazardous Substances and Their Threshold Planning Quantities Standard Industrial Classification Codes; Section V: Computer Systems for Chemical Emergency Planning; Section Overview; Technical Guidance for Hazards Analysis; Suggested Procedure for Evaluating Emergency Response Planning Software Applications; Hazards Identification; Vulnerability Analysis; Risk Analysis; Emergency Response Planning; Identification of Regulatory Requirements; List of Computer Applications and Systems of Potential Use Under SARA Title III; Index

Sommario/riassunto

This handbook has been prepared as a working reference for the safety officer, the environmental engineer, and the consultant. For the safety officer, this handbook provides detailed guidelines and instructions in preparing Right-to-Know Reporting Audits, establishing programs and training employees on hazard awareness, and developing and implementing emergency response programs in the workplace and at off-site operations. For the environmental engineer, this handbook provides extensive technical data on toxic chemical properties and detailed instructional aid on how to properly
