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Disciplina	628.4/2 628.42
Soggetti	Hazardous wastes - Purification Hazardous wastes - Management
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Livello bibliografico	Monografia
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Nota di contenuto	HAZARDOUS WASTE OPERATIONS AND EMERGENCY RESPONSE MANUAL; CONTENTS; 1 REGULATIONS, AGENCIES, AND RESOURCES; Introduction-History of Employee Health and Safety Regulations; Regulations; The Environmental Protection Agency; Hazardous Waste Numbers; EPA Identification Numbers; Clean Water Act; Clean Air Act; Resource Conservation and Recovery Act (RCRA); Toxic Substance Control Act; Comprehensive Environmental Response Compensation and Liability Act (CERCLA); Superfund Amendment and Reauthorization Act (SARA); Department of Labor-Occupational Safety and Health Administration National Institute for Occupational Safety and Health (NIOSH) Department of Transportation (DOT); National Fire Protection Association (NFPA); NFPA 704 Labeling; Hazard Communication Standard; Hazardous Waste Operations and Emergency Response (HAZWOPER); Hazwoper Training; Incident Command System (ICS); Resources; Material Safety Data Sheets (MSDS); NIOSH Pocket Guide to Chemical Hazards; Emergency Response Guidebook; Summary; 2 HAZARD CLASSIFICATION; Chemical Exposure; Explosion and Fire;

Oxygen Deficiency; Ionizing Radiation; Biological Hazards; General Safety Hazards; Electrical Hazards
Heat StressCold Exposure; Noise; Poisonous Snakes, Insects, and Plants; Weather; Heavy Equipment; Tools; Definition of Hazardous Materials vs. Hazardous Waste; Classification of Hazardous Materials; Physical Properties of Hazardous Materials; Vapor Density and Specific Gravity; Flammability; Explosive Limits; Flash Point; Flammable Solids; Firefighting and Fire Prevention; Portable Fire Extinguishers; Toxic Products of Combustion; Corrosives; Acids; Alkalis; Reactivity of Some Common Elements; Water-Reactive Materials; Oxidizing Materials; Boiling Liquid Expanding Vapor Explosion (BLEVE)
Flammable and Combustible LiquidSummary; 3 SITE SAFETY PLAN; The Plan; Emergencies; Incident Characterization; Remedial Actions; Safety Plan Development; Routine Operations; Describe the Known Hazards and Risks; List Key Personnel and Alternates; Designate Levels of Protection to be Worn; Delineate Work Areas; List Control Procedures; Establish Decontamination Procedures; Address Requirements for an Environmental Surveillance Program; Specify Any Routine and/or Special Training Required; Establish Procedures for Weather-Related Problems; On Site Emergencies
Establish Site Emergency ProceduresAddress Emergency Medical Care; Implementation of the Site Safety Plan; Typical Safety Plan Outline; Responsibilities; Client; Engineering Firm; Site Contractors; Consulting Firm / Site Safety Officer (SSO); Summary; 4 SITE CHARACTERIZATION; Offsite Characterization; Interview/Records Research; Perimeter Investigation; Protection of Site Entry Workforce; Onsite Survey; Continuing the Survey; Information Documentation; Hazard Assessment; Threshold Limit Values; Permissible Exposure Limit; Recommended Exposure Limit; IDLH Concentrations
Potential Skin Absorption and Irritation

Sommario/riassunto

Field technicians and emergency response personnel are often faced with the dangers of flammable, combustible, and chemically unstable materials. Although there are numerous procedures set forth by regulatory agencies like the Occupational Safety and Health Administration (OSHA), the Environmental Protection Agency (EPA), and the National Institute for Occupational Safety and Health (NIOSH) for effectively and safely dealing with such environmental hazards, up until now there has been no single resource for training in this area.Based on the author's twenty-plus years of field experien