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Nota di contenuto	Guideline for Vapor Release Mitigation; CONTENTS; Preface; Acknowledgments; Summary; Glossary; 1. Introduction; 1.1 Objective; 1.2 Hazard of Accidental Vapor Cloud Releases; 1.3 Types of Vapor Clouds; 1.3.1 Flammable Vapor Clouds; 1.3.2 Toxic Vapor Clouds; 1.3.3 Flammable-Toxic Vapor Clouds; 1.3.4 Other Types of Vapor Clouds; 1.4 Forms of Vapor Release; 1.5 Release Causes; 1.6 Possible Consequences of Vapor Cloud Releases; 1.6.1 Toxic Effects; 1.6.2 Fires; 1.6.3 Explosions; 1.7 Analysis of the Need for Mitigation; 1.8 Vapor Release Mitigation Approaches 2. Mitigation through Inherently Safer Plants2.1 Inventory Reduction; 2.2 Chemical Substitution; 2.3 Process Modification; 2.3.1 Refrigerated Storage; 2.3.2 Dilution; 2.4 Siting Considerations; 3. Engineering Design Approaches to Mitigation; 3.1 Plant Physical Integrity; 3.1.1 Design Practices; 3.1.2 Materials of Construction; 3.2 Process Integrity; 3.2.1 Identification of Reactants and Solvents; 3.2.2 Limits on

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Sommario/riassunto

Guidelines for Vapor Release Mitigation is a survey of current industrial practice for controlling accidental releases of hazardous vapors and preventing their escape from the source area.
