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Nota di contenuto	Estimating the Flammable Mass of a Vapor Cloud; CONTENTS; Preface; Acknowledgments; Glossary; Nomenclature; 1 INTRODUCTION; 1.1. Why Calculate Flammable Mass?; 1.2. How Are Flammable Mass Estimates Used?; 1.3. Other CCPS Publications; 2 OVERVIEW; 2.1. Context; 2.2. Objectives; 1.3. How to Use This Book; 3 INDUSTRY EXPERIENCES WITH FLAMMABLE VAPOR CLOUDS; 3.1. Property Losses from Vapor Cloud Accidents; 3.2. Examples of Vapor Cloud Events; 3.2.1. Bangkok, Thailand, LPG Vapor Cloud; 3.2.2. Saint Herblain, France, Gasoline Cloud, October 7,1991 3.2.3. Pampa, Texas, Hoechst-Celanese Explosion, November 17,19873.2.4. Monsanto Ethanol Explosion, Autumn, 1970; 3.2.5. Mexico City Vapor Cloud and Explosion, November 19,1984; 3.2.6.

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## Sommario/riassunto

This CCPS Concept book shows designers and operators of chemical facilities how to realistically estimate the flammable mass in a cloud of accidentally released material that is capable of igniting. It provides information on industry experience with flammable vapor clouds, basic concepts of fires and explosions, and an overview of related computer programs.

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