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Altri autori (Persone)	AmyottePaul
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Nota di contenuto	Front cover; Contents; Preface to theFirst Edition; Preface to theSecond Edition; Authors; Chapter 1. Introduction: What Are Inherently Safer and User-Friendly Plants?; Chapter 2. Inherently Safer Design: The Concept and Its Scope and Benefits; Chapter 3. Intensification; Chapter 4. Substitution; Chapter 5. Attenuation; Chapter 6. Limitation of Effects; Chapter 7. Simplification; Chapter 8. Simplification: Specifications and Flexibility; Chapter 9. Other Ways of Making Plants Friendlier; Chapter 10. The Road to Friendlier Plants Chapter 11. Inherently Safer Design and Process-Safety ManagementChapter 12. Friendlier Plants and the Nuclear Industry; Chapter 13. The Role of Inherently Safer Design in Dust Explosion Prevention and Mitigation; Chapter 14. Inherent-Safety Case Studies; Chapter 15. Do We Go Too Far in Removing Risk?; Chapter 16. The History and Future of Inherently Safer and User-Friendly Design; Appendix: An Atlas of Safety Thinking; Index; Back cover
Sommario/riassunto	Covers the design of inherently safer and user-friendly plants. This book demonstrates how chemical plants can withstand human error and equipment failures without serious effects on safety, output, or efficiency. It features sections that address the hierarchy of controls and highlight human factors in determining risk.

