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Nota di contenuto	Guidelines for Hazard Evaluation Procedures; Contents; Acknowledgments; List of Tables; List of Figures; Abbreviations and Acronyms; Glossary; Part I - Hazard Evaluation Procedures; Preface; Management Overview; 1 Introduction to the Guidelines; 2 Preparation for Hazard Evaluations; 3 Hazard Identification Methods; 4 Non- Scenario-Based Hazard Evaluation Procedures; 5 Scenario-Based Hazard Evaluation Procedures; 6 Selection of Hazard Evaluation Techniques; 7 Risk-Based Determination of the Adequacy of Safeguards; 8 Analysis Follow-Up Considerations; 9 Extensions and Special Applications Part II - Worked Examples and Appendices Preface to the Worked Examples; Management Overview of the Worked Examples; 10 Introduction to the Worked Examples; 11 Description of the Example Facility and Process; 12 Hazard Identification for the Example Process;

13 Research and Development - What-If Analysis; 14 Conceptual Design - Preliminary Hazard Analysis; 15 Pilot Plant Operation - HAZOP Study; 16 Detailed Engineering - Fault Tree and Event Tree Analysis; 17 Construction/Start-up - Checklist Analysis and Safety Review; 18 Routine Operation - Safety Review for Management of Change 19 Routine Operation - HAZOP Study for Cyclic Review 20 Plant Expansion - Relative Ranking and HAZOP for a Batch Process; 21 Incident Investigation - FMEA and HRA; 22 Decommissioning - What-If/Checklist Analysis; Appendices; Appendix A - Additional Checklists and Forms; Appendix B - Supplemental Questions for Hazard Identification; Appendix C - Symbols and Abbreviations for Example Problem Drawings; Appendix D - Software Aids; Appendix E - Chemical Compatibility Chart; Appendix F - Organizations Offering Process Safety Enhancement Resources; Selected Bibliography; Index

Sommario/riassunto

Guidelines for Hazard Evaluation Procedures, 3rd Edition keeps process engineers updated on the effective methodologies that process safety demands. Almost 200 pages of worked examples are included to facilitate understanding. References for further reading, along with charts and diagrams that reflect the latest views and information, make this a completely accessible work. The revised and updated edition includes information not included in previous editions giving a comprehensive overview of this topic area.
