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Nota di contenuto	Part I -- Roles and Responsibilities;; Ch. 1. Piping; Ch. 2. Engineering Management and other Engineering Disciplines; Ch. 3. Nonengineering Groups; ; Part II -- Project Descriptions;; Ch. 4. Project Types, Terms, and Execution Philosophy; Ch. 5. Grassroots Projects; Ch. 6. Revamp and Rebuild Projects; ; Part III -- Procurement, Pipe Fabrication, and Contracts; Ch. 7. Procurement Responsibilities; Ch. 8. Pipe Shop Fabrication; Ch. 9. Contracts and Construction Work Packages (CWP); ; Part IV -- Project Execution;; Ch. 10. Project Fedinition--Scope of Work; Ch. 11. Estimating; Ch. 12. Scheduling; Ch. 13. Planning and Organizing; Ch. 14. Staffing and Directing; Ch. 15. Controlling Change; Ch. 16. Reporting; Ch. 17. Project Completion; ; Part V -- The Future; Ch. 18. Where Do We Go from Here?; ; Appendices;; Typical Piping Deliverables; The Cradle-to-Grave Concept; Glossary; Suggested Piping File Index; Index
Sommario/riassunto	James O. Pennock has compiled 45 years of personal experience into this how-to guide. Focusing on the position of "lead in charge," this book is an indispensable resource for anyone, new or seasoned veteran, whose job it is to lead the piping engineering and design of a project. The "lead" person is responsible for the successful execution of all piping engineering and design for a project, technical and non-

technical aspects alike. The author defines the roles and responsibilities a lead will face and the differences found in various project types. Incorporates four decades of personal experience in a How-To guide Focuses on the position of "lead in charge" Includes coverage of topics often ignored in other books yet essential for success: management, administrative, and control responsibilities
