

1. Record Nr.	UNINA9910810522503321
Titolo	Pipeline rules of thumb handbook : quick and accurate solutions to your everyday pipeline problems // E.W. McAllister, editor
Pubbl/distr/stampa	Amsterdam ; ; Boston, : Elsevier, c2005
ISBN	1-281-02561-5 9786611025618 0-08-052409-5
Edizione	[6th ed.]
Descrizione fisica	1 online resource (705 p.)
Altri autori (Persone)	McAllisterE. W
Disciplina	665.5/44
Soggetti	Pipelines
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Front Cover; Pipeline Rules of Thumb Handbook; Copyright Page; Contents; Chapter 1. General Information; Cables and Ropes; Belts and Shafts; Miscellaneous; Pipeline Pigging; Chapter 2. Construction; Project Scoping Data; Right-of-Way; Ditching; Concrete Work; Pipe Laying; Pipe Lowering; Welding; Pipeline Welding; Chapter 3. Pipe Design; Chapter 4. Electrical Design; Floodlighting Concepts; Chapter 5. Hydrostatic Testing; The Benefits and Limitations of Hydrostatic Testing; Appendix A; Appendix B; Chapter 6. Pipeline Drying; Pipeline Dewatering, Cleaning, and Drying; Chapter 7. Control Valves Relief Valve Sizing, Selection, Installation, and Testing Sizing Valves for Gas and Vapor; Chapter 8. Corrosion/Coatings; Advances in Pipeline Protection; Induced AC Voltages on Pipelines May Present a Serious Hazard; Measuring Unwanted Alternating Current in Pipe; Chapter 9. Gas-General; Considerations for Selecting Energy Measurement Equipment; Chapter 10. Gas-Compression; Centrifugal Compressor Data]; Chapter 11. Gas-Hydraulics; Chapter 12. Liquids-General; Chapter 13. Liquids-Hydraulics; Marine Hose Data; Pressure Loss through Valves and Fittings; Chapter 14. Pumps Pulsation Control for Reciprocating Pumps Key Centrifugal Pump Parameters and How They Impact Your Applications-Part 1; Key Centrifugal Pump Parameters and How They Impact Your Applications-Part 2; Chapter 15. Measurement; Gas Measurement; Chapter 16.

Instrumentation; Developments in Pipeline Instrumentation; Choosing the Right Technology for Integrated SCADA Communications; Chapter 17. Leak Detection; Chapter 18. Tanks; Chapter 19. Maintenance; Chapter 20. Economics; Time Value of Money: Concepts and Formulas; Decision and Evaluation Criteria for Investments and Financial Projects Sensitivity Analysis Decision Tree Analysis of Investments and Financial Projects; Accounting Fundamentals; Chapter 21. Rehabilitation-Risk Evaluation; Chapter 22. Conversion Factors; Index; Pipeline Rules of Thumb Handbook Interactive CD Version 2.0

Sommario/riassunto

Now in its sixth edition, Pipeline Rules of Thumb Handbook has been and continues to be the standard resource for any professional in the pipeline industry. A practical and convenient reference, it provides quick solutions to the everyday pipeline problems that the pipeline engineer, contractor, or designer faces. Pipeline Rules of Thumb Handbook assembles hundreds of shortcuts for pipeline construction, design, and engineering. Workable "how-to" methods, handy formulas, correlations, and curves all come together in this one convenient volume.* Save valuable time and effort using the
