

Pipeline Design & Construction

A Practical Approach

M. Mohitpour • H. Golshan • A. Murray

Pipeline Design and Construction: A Practical Approach offers straightforward, practical techniques for pipeline design and construction, making it an ideal professional reference, training tool, or comprehensive text for specialized college courses.

The authors present the various elements that make up a single-phase liquid and gas pipeline system, including how to design, construct, commission, and assess pipelines and related facilities. They discuss gas and liquid transmission, compression, pumps, protection and integrity, procurement services, and management of pipeline projects.

More complex specialty fluids are also covered, including CO₂, H₂, slurry and multi-products. Where possible, the authors provide mathematical models and detailed case studies along with application-oriented examples with sketches and descriptions of systems.

References and bibliographic guides are provided for additional information and literature

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