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Titolo	Pipeline planning and construction field manual // E. Shashi Menon
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Edizione	[1st ed.]
Descrizione fisica	1 online resource (577 p.)
Altri autori (Persone)	MenonE. Shashi
Disciplina	621.8/672 621.8672
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	Design basis -- Route selection -- Pipeline regulatory and environmental permits -- Right of way -- Alignment sheets -- Overview of pipeline materials -- Pipe strength and wall thickness -- Pipeline hydraulic analysis -- Series and parallel piping and power required -- Valve stations -- Pump stations -- Compressor stations -- Corrosion protection -- Leak detection -- Pipeline pigging and inspection -- Pipeline construction -- Welding and NDT -- Hydrostatic testing -- Commissioning -- Specification writing, data sheet production, requisition development and bid analysis -- Operations and maintenance manuals.
Sommario/riassunto	The objective of this book is to provide engineers with the necessary tools and techniques for formulating plans, designs, cost estimates and specifications for pipeline construction and field maintenance and modernization programs. Packed with easy to read and understand tables, pipeline schematics, bullet lists and ""what to do next"" checklists. This easy to use book covers the design, construction, and operation of onshore pipeline systems. The incorporate construction methods, commissioning, pressure testing, and start up into the design of a pipeline system. The focus is on pipeline r