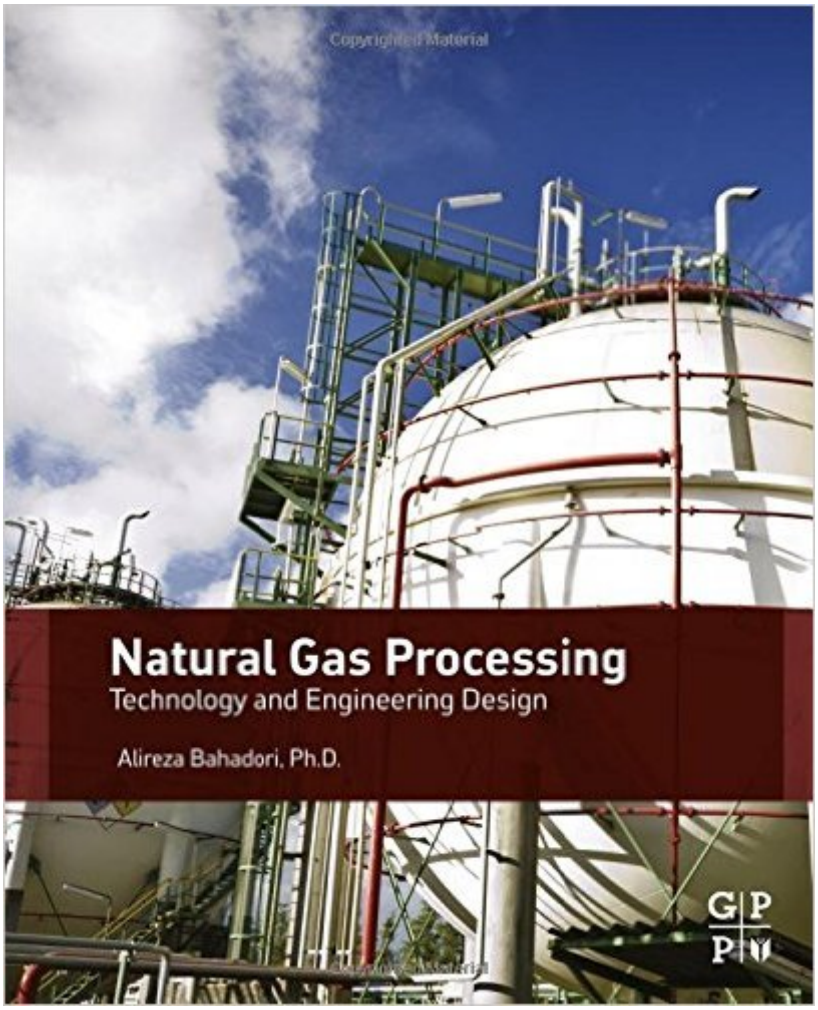
Natural Gas Processing: Technology And Engineering Design



Synopsis

Natural gas is considered the dominant worldwide bridge between fossil fuels of today and future resources of tomorrow. Thanks to the recent shale boom in North America, natural gas is in a surplus and quickly becoming a major international commodity. Stay current with conventional and now unconventional gas standards and procedures with Natural Gas Processing: Technology and Engineering Design. Covering the entire natural gas process, Bahadori's must-have handbook provides everything you need to know about natural gas, including: Fundamental background on natural gas properties and single/multiphase flow factorsHow to pinpoint equipment selection criteria, such as US and international standards, codes, and critical design considerationsA step-by-step simplification of the major gas processing procedures, like sweetening, dehydration, and sulfur recoveryDetailed explanation on plant engineering and design steps for natural gas projects, helping managers and contractors understand how to schedule, plan, and manage a safe and efficient processing plantCovers both conventional and unconventional gas resources such as coal bed methane and shale gasBridges natural gas processing with basic and advanced engineering design of natural gas projects including real world case studiesDigs deeper with practical equipment sizing calculations for flare systems, safety relief valves, and control valves

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Customer Reviews

Very helpful to engineer student son

Excellent book on an engineering level. A little too entailed for someone trying to learn basic principles of plant processes. Extensive formula breakdowns for engineering. Doesn't go in much detail about gas processing from inlet receiver to finished product exiting the plant.

Natural Gas Processing: Technology and Engineering Design Fundamentals of Natural Gas Processing (Mechanical Engineering (CRC Press Hardcover)) Fundamentals of Natural Gas Processing, Second Edition Plant Processing of Natural Gas Manual de instalaciones hidraulicas, sanitarias, gas, aire comprimido y vapor/ Manual of Hydraulic, Sanitary, Gas, Compressed Air and Steam Installation (Spanish Edition) International Fuel Gas Code 2006 (International Fuel Gas Code) Biomimetic Materials And Design: Biointerfacial Strategies, Tissue Engineering And Targeted Drug Delivery (Manufacturing Engineering & Materials Processing) Modern Ceramic Engineering: Properties, Processing, and Use in Design, 3rd Edition (Materials Engineering) Modern Ceramic Engineering: Properties, Processing, and Use in Design, Third Edition (Materials Engineering) Natural Gas Engineering: Production and Storage (McGraw-Hill Series in Management) Standard Handbook of Petroleum and Natural Gas Engineering, Third Edition Natural Gas Engineering Handbook, Second Edition Digital Signal Processing with Examples in MATLABÂ®, Second Edition (Electrical Engineering & Applied Signal Processing Series) Natural Remedies for Dogs : 101 Safe & Natural Essential Oils' Remedies for Your DOG: (Natural Remedies For Dogs, Essential Oils Remedies For Dogs, Natural Dog Care, Recipes For Dogs, Home Remedies) Gas Sweetening and Processing Field Manual Engineering Materials 2, Fourth Edition: An Introduction to Microstructures and Processing (International Series on Materials Science and Technology) G.Dieter's Li.Schmidt's Engineering 4th (Fourth) edition(Engineering Design (Engineering Series) [Hardcover])(2008) Communication System Design Using DSP Algorithms: With Laboratory Experiments for the TMS320C6701 and TMS320C6711 (Information Technology: Transmission, Processing and Storage) Refining Design for Business: Using analytics, marketing, and technology to inform customer-centric design (Graphic Design & Visual Communication Courses) Communication System Design Using DSP Algorithms: With Laboratory Experiments for the TMS320C6713TM DSK (Information Technology: Transmission, Processing and Storage)