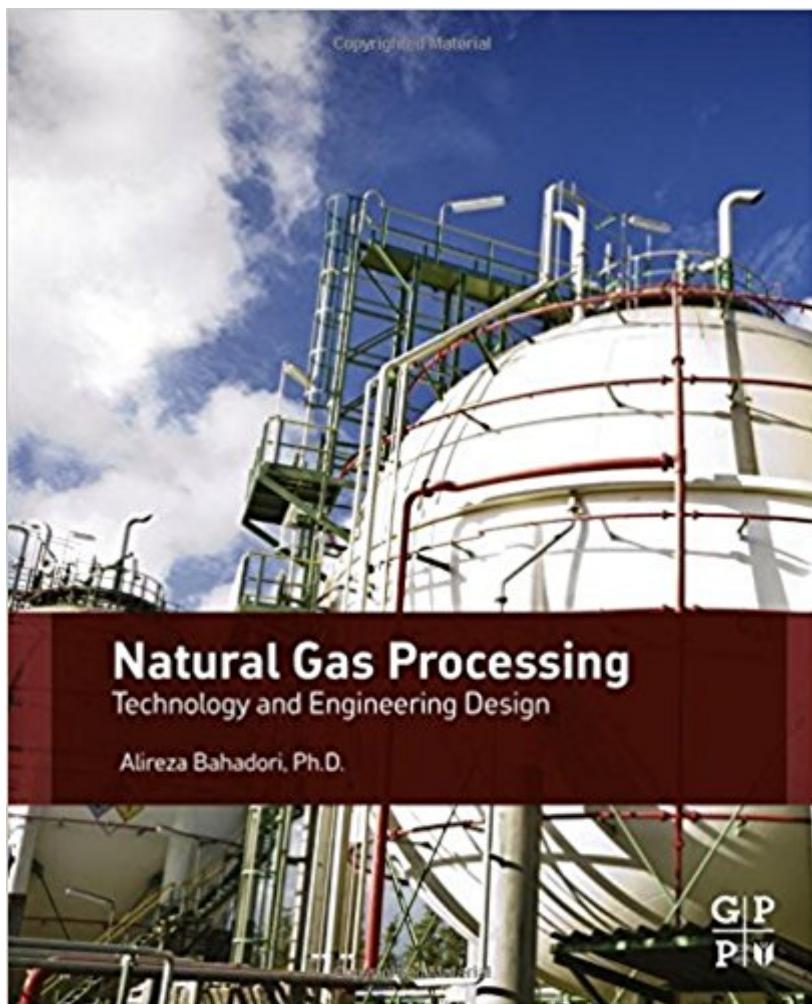


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# Natural Gas Processing: Technology And Engineering Design



## **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 factors
- How to pinpoint equipment selection criteria, such as US and international standards, codes, and critical design considerations
- A step-by-step simplification of the major gas processing procedures, like sweetening, dehydration, and sulfur recovery
- Detailed 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 plant
- Covers both conventional and unconventional gas resources such as coal bed methane and shale gas
- Bridges natural gas processing with basic and advanced engineering design of natural gas projects including real world case studies
- Digs deeper with practical equipment sizing calculations for flare systems, safety relief valves, and control valves

## **Book Information**

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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.

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