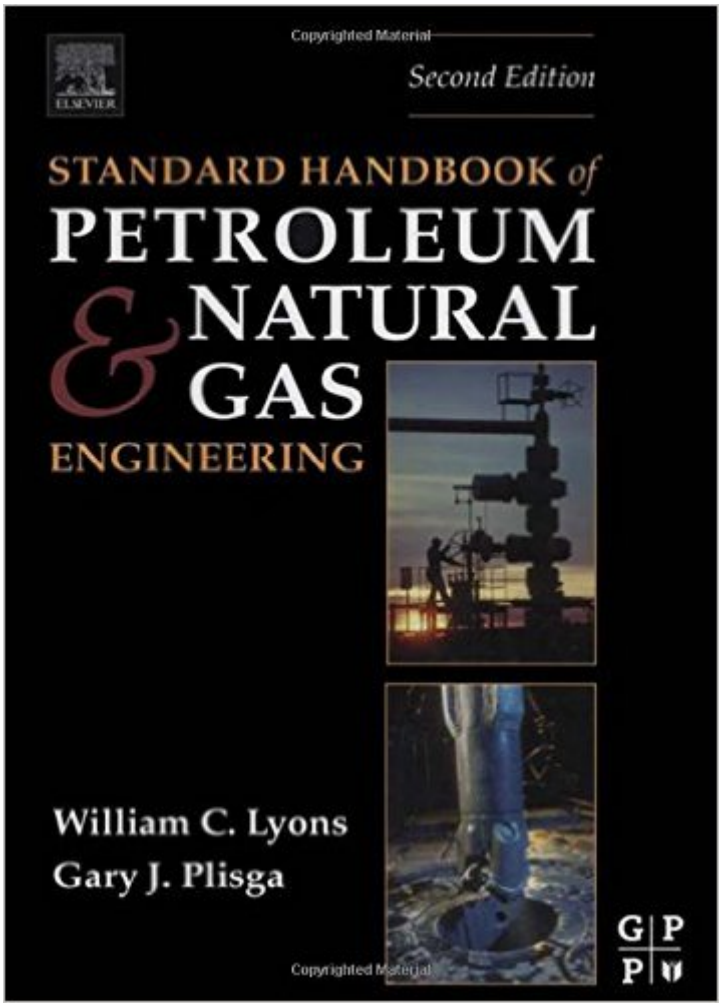
Standard Handbook Of Petroleum And Natural Gas Engineering, Second Edition



Synopsis

This new edition of the Standard Handbook of Petroleum and Natural Gas Engineering provides you with the best, state-of-the-art coverage for every aspect of petroleum and natural gas engineering. With thousands of illustrations and 1,600 information-packed pages, this text is a handy and valuable reference. Written by over a dozen leading industry experts and academics, the Standard Handbook of Petroleum and Natural Gas Engineering provides the best, most comprehensive source of petroleum engineering information available. Now in an easy-to-use single volume format, this classic is one of the true "must haves" in any petroleum or natural gas engineer’s library. * A classic for the oil and gas industry for over 65 years!* A comprehensive source for the newest developments, advances, and procedures in the petrochemical industry, covering everything from drilling and production to the economics of the oil patch.* Everything you need - all the facts, data, equipment, performance, and principles of petroleum engineering, information not found anywhere else. * A desktop reference for all kinds of calculations, tables, and equations that engineers need on the rig or in the office. * A time and money saver on procedural and equipment alternatives, application techniques, and new approaches to problems.

Book Information

Hardcover: 1568 pages

Publisher: Gulf Professional Publishing; 2 edition (October 15, 2004)

Language: English

ISBN-10: 0750677856

ISBN-13: 978-0750677851

Product Dimensions: 2.5 x 7.5 x 10.2 inches

Shipping Weight: 6 pounds (View shipping rates and policies)

Average Customer Review: 4.2 out of 5 starsÂ Â See all reviewsÂ (8 customer reviews)

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Customer Reviews

I purchase this book a few weeks ago. I haven’t been able to read the whole thing because it is very long but it is detailed. I’m in the oil and gas industry so I was looking for something technical. My

goal was to find something with calculations and explanations for the reasoning behind use of various tools and methods. This book seems to achieve this. For example, there is a section explaining bits and the ideal environments. It describes the ideal RPM and WOB for a PDC bit of certain parameters. Explains how to identify them with their IADC codes and what the codes mean. Usually, this information would be provided to a drilling engineer by a bit supplier when designing a well plan. This information would help you communicate with the supplier more effectively. The book reads like a dictionary. I think it will make a good reference tool for people working in the industry.I would not recommend this book for beginners or people wanting a nontechnical guide. If you didn't understand anything I just said above then don't buy this book. The best introductory book I have read is by Norman J. Hyne called Nontechnical Guide to Petroleum Geology, Exploration, Drilling and Production (2nd Edition). I think he is a professor at a university in Tulsa, Oklahoma. It covers a ton of information from start to finish and he keeps things very basic. It is much easier read.There are some minor grammar and spelling mistakes in the book I purchased. The last 20 pages of the index were not bound to the book but I couldn't be bothered to return it.

This handbook is an excellent reference for research and teaching from basic to advanced subjects in advanced undergraduate and graduate courses in Petroleum Engineering. I recommend this book to anyone involved in these matters. Giorgio E. O. Giacaglia, Ph.D., Yale `65.

Bought this book as I needed a basic compendium of PVT, IPR, VLP and other basic empirical models for multiphase flow modelling, and thought this book might be very useful. Indeed, certain sections of the book proved very helpful and provided me what I was searching for. The main problem however is that it firstly has a very chaotic structure. Certain main topics are simply scattered throughout different chapters (often times in no logical way) and since the index is minimal it can take a long time to find (in many cases i actually used Google Books to search through the book - not how it should be). Another extremely annoying feature is that several correlations have misprints, which if implemented in computer code would produce severe computational errors. Regarding the multiphase flow models such as Hagedorn-Brown or Orkiszewski, it is simply not possible to read through the examples without having to refer many pages back to previous examples, from where many example values were taken from, thus obscuring the readability and understanding. I would not recommend this book to anyone as there are numerous other (and better) books covering the same topics in a far more coherent way. For my part I found Petroleum Production Engineering, A Computer-Assisted Approach far superior to this one.

I’m an engineering student and have been working in the oil and gas industry for a few years (I’m only 21) and this book is great if you already have just a basic understand of the industry. It gives you calculations for just about everything there is to know. It is a huge book, but as long as you are good at math and love learning, you can’t go wrong with this book. Over half of the book is about drilling rigs though. I wish it were more in depth about production equipment, but I haven’t even been through the entire book yet. It’s almost like an oilfield Bible!

Natural Gas Trading: From Natural Gas Stocks to Natural Gas Futures- Your Complete, Step-by-Step Guide to Natural Gas Trading Standard Handbook of Petroleum and Natural Gas Engineering, Second Edition 2016 ICD-10-CM Standard Edition, 2016 ICD-10-PCS Standard Edition, 2016 HCPCS Standard Edition and AMA 2016 CPT Standard Edition Package, 1e Handbook of Natural Gas Transmission and Processing, Second Edition CPT 2013 Standard Edition (Current Procedural Terminology (Standard)) (Current Procedural Terminology (CPT) Standard) Elements of Petroleum Geology, Second Edition Handbook of Liquefied Natural Gas Energy Audit of Building Systems: An Engineering Approach, Second Edition (Mechanical and Aerospace Engineering Series) A Primer For The Mathematics Of Financial Engineering, Second Edition (Financial Engineering Advanced Background Series) Standard Handbook of Engineering Calculations, Fifth Edition Clean Disruption of Energy and Transportation: How Silicon Valley Will Make Oil, Nuclear, Natural Gas, Coal, Electric Utilities and Conventional Cars Obsolete by 2030 The Great Texas Wind Rush: How George Bush, Ann Richards, and a Bunch of Tinkerers Helped the Oil and Gas State Win the Race to Wind Power (Peter T. Flawn Series in Natural Resources) Energy for the 21st Century: Opportunities and Challenges for Liquefied Natural Gas (LNG) (New Horizons in Environmental and Energy Law series) Trading Natural Gas: Cash, Futures, Options and Swaps Fundamentals of Natural Gas: An International Perspective Natural Gas in Nontechnical Language Natural Gas Stocks Investment Guide Deepwater Petroleum Exploration & Production: A Nontechnical Guide, 2nd Edition Gas Well Deliquification, Second Edition (Gulf Drilling Guides) The Taxation of Petroleum and Minerals: Principles, Problems and Practice (Routledge Explorations in Environmental Economics)