

## **Technip Design Manual**

International Books in Print  
Classed Subject Catalog  
Industrial Gas Handbook  
Bibliographic Guide to Technology  
Oil & Gas Science and Technology  
Proceedings - Offshore Technology Conference  
The Engineer's Guide to Plant Layout and Piping  
Design for the Oil and Gas Industries  
Asian Oil & Gas  
Stability and Operation of Jackups  
British Books in Print  
Process Engineering  
Subsea Engineering Handbook  
Proceedings  
Books and Pamphlets, Including Serials and Contributions to Periodicals  
SPE Reprint Series  
Design and Control of Diesel and Natural Gas Engines for Industrial and Rail Transportation  
Applications  
Scientific Unit Conversion  
Drilling Mud and Cement Slurry Rheology Manual  
Using the Engineering Literature  
Manual of Economic Analysis of Chemical Processes  
Process Design and Engineering Practice  
Chemical Engineering Progress  
Chemical Reactors  
Handbook of Liquefied Natural Gas  
High Performance Polymers  
Handbook of Natural Gas Transmission and Processing  
Transfert de matière  
Automobile Engineer  
Moody's International Manual  
Manual of Process Economic Evaluation  
Oil & Gas Engineering Guide (The) - 2nd EDM  
Mergent International Manual  
The Automobile Engineer  
Canadian Geotechnical Journal  
The Chartered Mechanical Engineer  
Encyclopaedia of Scientific Units, Weights and Measures  
The Journal of Canadian Petroleum Technology  
National Union Catalog  
Library of Congress Catalogs  
The Structural Engineer

### **International Books in Print**

### **Classed Subject Catalog**

### **Industrial Gas Handbook**

### **Bibliographic Guide to Technology**

### **Oil & Gas Science and Technology**

The field of engineering is becoming increasingly interdisciplinary, and there is an ever-growing need for engineers to investigate engineering and scientific resources outside their own area of expertise. However, studies have shown that

quality information-finding skills often tend to be lacking in the engineering profession. Using the Engineering Literature is a guide to the wide range of resources in all fields of engineering. The information age has greatly impacted the way engineers find information. While print is still important, resources are increasingly being made available in electronic formats, and the Web is now a major resource. Engineers have an effect, whether direct or not, on almost all aspects of our lives, and it is vital that they find the right information at the right time to create better products and processes. The book takes an engineering sub-discipline approach, detailing those resources that are most important for the practicing engineer and the librarians who work in engineering. Each chapter provides a short history and description of the discipline, then lists the most important resources by format: handbooks, dictionaries, texts, journals, websites, etc. Most references include a short annotation. The authors of each chapter are well-known, experienced librarians or faculty in the appropriate engineering discipline, sharing their expertise and experiences with engineering information. This is a guide to resources that are often unknown to the practicing engineer. It also serves as a textbook for the library school student or new engineering librarian, as well as a time-saving handbook for current librarians. The arrangement of materials provides easy and logical access to evaluated resources in engineering and supporting disciplines, providing a tool that is useful in reference services and collection development.

### **Proceedings - Offshore Technology Conference**

Liquefied natural gas (LNG) is a commercially attractive phase of the commodity that facilitates the efficient handling and transportation of natural gas around the world. The LNG industry, using technologies proven over decades of development, continues to expand its markets, diversify its supply chains and increase its share of the global natural gas trade. The Handbook of Liquefied Natural Gas is a timely book as the industry is currently developing new large sources of supply and the technologies have evolved in recent years to enable offshore infrastructure to develop and handle resources in more remote and harsher environments. It is the only book of its kind, covering the many aspects of the LNG supply chain from liquefaction to regasification by addressing the LNG industries' fundamentals and markets, as well as detailed engineering and design principles. A unique, well-documented, and forward-thinking work, this reference book provides an ideal platform for scientists, engineers, and other professionals involved in the LNG industry to gain a better understanding of the key basic and advanced topics relevant to LNG projects in operation and/or in planning and development. Highlights the developments in the natural gas liquefaction industries and the challenges in meeting environmental regulations Provides guidelines in utilizing the full potential of LNG assets Offers advices on LNG plant design and operation based on proven practices and design experience Emphasizes technology selection and innovation with focus on a "fit-for-purpose design Updates code and regulation, safety, and security requirements for LNG applications

### **The Engineer's Guide to Plant Layout and Piping Design for the Oil and Gas Industries**

This book is designed for engineers in industries involved with the problems of chemical transformations, and for professors and students of process engineering. Whether the reader is working in a design department, and engineering firm or an R&D department, or is managing production plants, he will find material here that is directly applicable to the solution of his problems.

## **Asian Oil & Gas**

## **Stability and Operation of Jackups**

## **British Books in Print**

## **Process Engineering**

## **Subsea Engineering Handbook**

## **Proceedings**

## **Books and Pamphlets, Including Serials and Contributions to Periodicals**

## **SPE Reprint Series**

## **Design and Control of Diesel and Natural Gas Engines for Industrial and Rail Transportation Applications**

## **Scientific Unit Conversion**

## **Drilling Mud and Cement Slurry Rheology Manual**

## **Using the Engineering Literature**

## **Manual of Economic Analysis of Chemical Processes**

## **Process Design and Engineering Practice**

## **Chemical Engineering Progress**

## **Chemical Reactors**

Mankind has a fascination with measurement. Down the centuries we have produced a plethora of incompatible and duplicatory systems for measuring everything from the width of an Egyptian pyramid to the concentration of radioactivity near a nuclear reactor and the value of the fine structure constant. With the introduction first of the metric system and of its successor the *Système International d'Unités* (SI), the scientific community has established a standard method of measurement based on only seven core units. The *Encyclopaedia of Scientific Units, Weights and Measures* converts the huge variety of units from all over the world in every period of recorded history into units of the SI. Featuring: - An A - Z of conversion tables for over 10,000 units of measurements. - Tables of the fundamental constants of nature with their units. - Listings of professional societies, and national standardization bodies for easy reference. - An extensive bibliography detailing further reading on the multifarious aspects of measurement and its units. This huge work is simply a "must have" for any reference library frequented by scientists of any discipline or by those with historical interests in units of measurement such as archaeologists.

## **Handbook of Liquefied Natural Gas**

Written by an internationally-recognized team of natural gas industry experts, the fourth edition of Handbook of Natural Gas Transmission and Processing is a unique, well-researched, and comprehensive work on the design and operation aspects of natural gas transmission and processing. Six new chapters have been added to include detailed discussion of the thermodynamic and energy efficiency of relevant processes, and recent developments in treating super-rich gas, high CO<sub>2</sub> content gas, and high nitrogen content gas with other contaminants. The new material describes technologies for processing today's unconventional gases, providing a fresh approach in solving today's gas processing challenges including greenhouse gas emissions. The updated edition is an excellent platform for gas processors and educators to understand the basic principles and innovative designs necessary to meet today's environmental and sustainability requirement while delivering acceptable project economics. Covers all technical and operational aspects of natural gas transmission and processing. Provides pivotal updates on the latest technologies, applications, and solutions. Helps to understand today's natural gas resources, and the best gas processing technologies. Offers design optimization and advice on the design and operation of gas plants.

## **High Performance Polymers**

The Engineer's Guide to Plant Layout and Piping Design for the Oil and Gas Industries gives pipeline engineers and plant managers a critical real-world reference to design, manage, and implement safe and effective plants and piping systems for today's operations. This book fills a training void with complete and practical understanding of the requirements and procedures for producing a safe, economical, operable and maintainable process facility. Easy to understand for the novice, this guide includes critical standards, newer designs, practical checklists and rules of thumb. Due to a lack of structured training in academic and technical institutions, engineers and pipe designers today may understand various computer software programs but lack the fundamental understanding and implementation of how to lay out process plants and run piping correctly in the oil and gas industry. Starting with basic terms, codes and basis for selection, the book focuses on each piece of equipment, such as pumps, towers, underground piping, pipe sizes and supports, then goes on to cover piping stress analysis and the daily needed calculations to use on the job. Delivers a practical guide to pipe supports, structures and hangers available in one go-to source Includes information on stress analysis basics, quick checks, pipe sizing and pressure drop Ensures compliance with the latest piping and plant layout codes and complies with worldwide risk management legislation and HSE Focuses on each piece of equipment, such as pumps, towers, underground piping, pipe sizes and supports Covers piping stress analysis and the daily needed calculations to use on the job

## **Handbook of Natural Gas Transmission and Processing**

## **Transfert de matière**

Provides co-ordinated heuristics and engineering rules-of-thumb in selecting process equipment to transport, use and exchange energy, separate species, and react chemicals. Illustrated procedures show the implications of design options, and order-of-magnitude sizing procedures are described.

## **Automobile Engineer**

## **Moody's International Manual**

Approaching the material from a chemistry and engineering perspective, High Performance Polymers presents the most reliable and current data available about state-of-the-art polymerization, fabrication, and application methods of high performance industrial polymers. Chapters are arranged according to the chemical constitution of the individual classes, beginning with main chain carbon-carbon polymers and leading to ether-containing, sulfur-containing, and so on. Each chapter follows an easily readable template, provides a brief overview and history of the polymer, and continues on to such sub-topics as monomers; polymerization and fabrication; properties; fabrication methods; special additives; applications; suppliers and commercial grades; safety; and environmental impact and recycling. High Performance Polymers brings a wealth of up-to-date, high performance polymer data to you library, in a format that allows for either a fast fact-check or more detailed study. In this new edition the data has been fully updated to reflect all developments since 2008, particularly in the topics of monomers, synthesis of polymers, special polymer types, and fields of application. Presents the state-of-the-art polymerization, fabrication and application methods of high performance industrial polymers Provides fundamental information for practicing engineers working in industries that develop advanced applications (including electronics, automotive and medical) Discusses environmental impact and recycling of polymers

## **Manual of Process Economic Evaluation**

## **Oil & Gas Engineering Guide (The) - 2nd ED**

## **Mergent International Manual**

This book provides the reader with:

- a comprehensive description of engineering activities carried out on oil & gas projects,
- a description of the work of each engineering discipline, including illustrations of all common documents,
- an overall view of the plant design sequence and schedule,
- practical tools to manage and control engineering activities.

This book is designed to serve as a map to anyone involved with engineering activities. It enables the reader to get immediately oriented in any engineering development, to know which are the critical areas to monitor and the proven methods to apply. It will fulfill the needs of anyone wishing to improve engineering and project execution. Table des matières : 1. Project Engineering. 2. The Design Basis. 3. Process. 4. Equipment/Mechanical. 5. Plant Layout. 6. Safety & Environment. 7. Civil Engineering. 8. Materials & Corrosion. 9. Piping. 10. Plant Model. 11. Instrumentation and Control. 12. Electrical. 13. Off-Shore. 14. The Overall Work Process. 15. BASIC, FEED and Detail Design. 16. Matching the Project Schedule. 17. Engineering Management. 18. Methods & Tools. 19. Field Engineering. 20. Revamping.

## **The Automobile Engineer**

Includes entries for maps and atlases.

## **Canadian Geotechnical Journal**

## **The Chartered Mechanical Engineer**

This volume will enable the reader to successfully undertake pre-project evaluations, especially in the areas of refining and petrochemistry. It encompasses all the essential steps: market analysis, comparative studies of technical and economic issues, sensitivity studies, sizing and costing of the equipment required for an industrial-scale plant, estimation of capital spending, calculation of costs and sales prices, etc. The first edition of this manual proved to be a very valuable teaching tool for universities and advanced engineering and business schools, both in France and abroad. It is essential for the rapid evaluation of the cost and profitability of proposed plants and of those already in operation. It has been widely used by engineers, consulting firms, and corporate research and development departments. Its status as the only current publication that covers all the steps involved in the economic evaluation of projects will render it particularly valuable to its users. It will quickly become indispensable to everyone whose job it is to evaluate the economic impact of the development, cancellation or reorientation of a project. Contents: 1. Market analysis. 2. The elements of economic calculation. 3. The determination of battery limits investments. Appendix 1. Functional modules method (FMM). Appendix 2. PrE-estime

method. Bibliography. Index

## **Encyclopaedia of Scientific Units, Weights and Measures**

## **The Journal of Canadian Petroleum Technology**

Subsea production systems, overview of subsea engineering, subsea field development, subsea distribution system. Flow assurance and system engineering. Subsea structure and equipment. Subsea umbilical, risers and flowlines.

## **National Union Catalog**

## **Library of Congress Catalogs**

Drawing on Frank G. Kerry's more than 60 years of experience as a practicing engineer, the Industrial Gas Handbook: Gas Separation and Purification provides from-the-trenches advice that helps practicing engineers master and advance in the field. It offers detailed discussions and up-to-date approaches to process cycles for cryogenic separation of air, adsorption processes for front-end air purification, and related process control and instrumentation. The book uses SI units in accordance with international industry and covers topics such as chronological development, industrial applications, air separation technologies, noble gases, front end purification systems, insulation, non-cryogenic separation, safety, cleaning for oxygen systems, economics, and product liquefaction, storage, and transportation. No other book currently available takes the practical approach of this book — they are either outdated, too theoretical, or narrow in focus. In a clear and effective presentation, Industrial Gas Handbook: Gas Separation and Purification covers the principles and applications of industrial gas separation and purification.

## **The Structural Engineer**

Expanded, revised and updated here, this detailed guide is truly unique, giving accurate metric equivalents and conversion factors for no fewer than 10,000 scientific units with detailed descriptions of over 2,000. It covers the whole spectrum of science, technology and medicine, and deals with US, British, conventional metric, historic and SI units. The pocket-sized format and slot-in user guide bookmark makes it handy and user-friendly, a great time-saver, and a perfect addition to any research department, engineers, scientists or students library.



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