



Power Plant Equipment Operation and Maintenance Guide

By Philip Kiameh

Download now

Read Online 

Power Plant Equipment Operation and Maintenance Guide By Philip Kiameh

THE DEFINITIVE GUIDE TO SELECTING, OPERATING, AND MAINTAINING POWER PLANT EQUIPMENT

Power Plant Equipment Operation and Maintenance Guide provides detailed coverage of different types of power plants such as modern co-generation, combined-cycle, and integrated gasification combined cycle (IGCC) plants. The book describes the design, selection, operation, maintenance, and economics of all these power plants. The best available power enhancement options are discussed, including duct burners, evaporative cooling, inlet-air chilling, absorption chilling, steam and water injection, and peak firing.

This in-depth resource addresses the sizing, selection, calculations, operation, diagnostic testing, troubleshooting, maintenance, and refurbishment of all power plant equipment, including steam turbines, steam generators, boilers, condensers, heat exchangers, gas turbines, compressors, pumps, advanced sealing mechanisms, magnetic bearings, and advanced generators.

Coverage includes:

- Methods for enhancing the reliability and maintainability of all power plants
- Economic analysis of modern co-generation and combined-cycle plants
- Selection of the best emission-reduction method for power plants
- Preventive and predictive maintenance required for power plants
- Gas turbine applications in power plants, protective systems, and tests

 [Download Power Plant Equipment Operation and Maintenance Guide ...pdf](#)

 [Read Online Power Plant Equipment Operation and Maintenance Guide ...pdf](#)

Power Plant Equipment Operation and Maintenance Guide

By Philip Kiameh

Power Plant Equipment Operation and Maintenance Guide By Philip Kiameh

THE DEFINITIVE GUIDE TO SELECTING, OPERATING, AND MAINTAINING POWER PLANT EQUIPMENT

Power Plant Equipment Operation and Maintenance Guide provides detailed coverage of different types of power plants such as modern co-generation, combined-cycle, and integrated gasification combined cycle (IGCC) plants. The book describes the design, selection, operation, maintenance, and economics of all these power plants. The best available power enhancement options are discussed, including duct burners, evaporative cooling, inlet-air chilling, absorption chilling, steam and water injection, and peak firing.

This in-depth resource addresses the sizing, selection, calculations, operation, diagnostic testing, troubleshooting, maintenance, and refurbishment of all power plant equipment, including steam turbines, steam generators, boilers, condensers, heat exchangers, gas turbines, compressors, pumps, advanced sealing mechanisms, magnetic bearings, and advanced generators.

Coverage includes:

- Methods for enhancing the reliability and maintainability of all power plants
- Economic analysis of modern co-generation and combined-cycle plants
- Selection of the best emission-reduction method for power plants
- Preventive and predictive maintenance required for power plants
- Gas turbine applications in power plants, protective systems, and tests

Power Plant Equipment Operation and Maintenance Guide By Philip Kiameh Bibliography

- Sales Rank: #1948515 in Books
- Brand: Brand: McGraw-Hill Professional
- Published on: 2011-12-16
- Ingredients: Example Ingredients
- Original language: English
- Number of items: 1
- Dimensions: 9.70" h x 1.80" w x 7.50" l, 3.15 pounds
- Binding: Hardcover
- 768 pages

 [Download Power Plant Equipment Operation and Maintenance Gu ...pdf](#)

 [Read Online Power Plant Equipment Operation and Maintenance ...pdf](#)

Download and Read Free Online Power Plant Equipment Operation and Maintenance Guide By Philip Kiameh

Editorial Review

About the Author

Philip Kiameh, M.A.Sc., B.Eng., D.Eng., P.Eng., has been a teacher at the University of Toronto, Canada, for 18 years. He also teaches courses and seminars worldwide to more than 4,000 engineers across Europe, North America, and the Middle East. Professor Kiameh has written four books for working engineers and has won excellence in teaching awards from the Professional Development Center at the University of Toronto and TUV Akademie. He performed research on power generation equipment with Atomic Energy of Canada Limited and has more than 26 years of practical engineering experience with Ontario Power Generation, formerly, Ontario Hydro, the largest electric utility in North America.

Users Review

From reader reviews:

Barbara Cook:

The book Power Plant Equipment Operation and Maintenance Guide make you feel enjoy for your spare time. You should use to make your capable far more increase. Book can being your best friend when you getting pressure or having big problem with your subject. If you can make reading through a book Power Plant Equipment Operation and Maintenance Guide being your habit, you can get considerably more advantages, like add your personal capable, increase your knowledge about several or all subjects. You are able to know everything if you like start and read a e-book Power Plant Equipment Operation and Maintenance Guide. Kinds of book are several. It means that, science publication or encyclopedia or others. So , how do you think about this guide?

Nathaniel Thomas:

Can you one of the book lovers? If so, do you ever feeling doubt while you are in the book store? Attempt to pick one book that you never know the inside because don't ascertain book by its deal with may doesn't work is difficult job because you are afraid that the inside maybe not because fantastic as in the outside appear likes. Maybe you answer may be Power Plant Equipment Operation and Maintenance Guide why because the great cover that make you consider with regards to the content will not disappoint an individual. The inside or content is actually fantastic as the outside or even cover. Your reading 6th sense will directly make suggestions to pick up this book.

Carol Williams:

As a college student exactly feel bored for you to reading. If their teacher asked them to go to the library as well as to make summary for some e-book, they are complained. Just minor students that has reading's heart or real their leisure activity. They just do what the educator want, like asked to the library. They go to presently there but nothing reading very seriously. Any students feel that studying is not important, boring

along with can't see colorful photos on there. Yeah, it is to be complicated. Book is very important for yourself. As we know that on this period, many ways to get whatever you want. Likewise word says, ways to reach Chinese's country. So , this Power Plant Equipment Operation and Maintenance Guide can make you sense more interested to read.

Bryan Lewis:

Some individuals said that they feel uninterested when they reading a book. They are directly felt this when they get a half portions of the book. You can choose the actual book Power Plant Equipment Operation and Maintenance Guide to make your reading is interesting. Your current skill of reading expertise is developing when you similar to reading. Try to choose straightforward book to make you enjoy to read it and mingle the sensation about book and reading through especially. It is to be first opinion for you to like to wide open a book and examine it. Beside that the publication Power Plant Equipment Operation and Maintenance Guide can to be your brand new friend when you're experience alone and confuse in what must you're doing of this time.

Download and Read Online Power Plant Equipment Operation and Maintenance Guide By Philip Kiameh #ZV5WRCYT3XM

Read Power Plant Equipment Operation and Maintenance Guide By Philip Kiameh for online ebook

Power Plant Equipment Operation and Maintenance Guide By Philip Kiameh Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Power Plant Equipment Operation and Maintenance Guide By Philip Kiameh books to read online.

Online Power Plant Equipment Operation and Maintenance Guide By Philip Kiameh ebook PDF download

Power Plant Equipment Operation and Maintenance Guide By Philip Kiameh Doc

Power Plant Equipment Operation and Maintenance Guide By Philip Kiameh Mobipocket

Power Plant Equipment Operation and Maintenance Guide By Philip Kiameh EPub