



Standard Handbook of Engineering Calculations, Fifth Edition (Mechanical Engineering)

By Tyler G. Hicks

[Download now](#)

[Read Online](#) 

Standard Handbook of Engineering Calculations, Fifth Edition (Mechanical Engineering) By Tyler G. Hicks

MORE THAN 5000 ESSENTIAL, UP-TO-DATE CALCULATIONS FOR ENGINEERS

Thoroughly revised with the latest data, methods, and code, the new edition of this practical resource contains more than 5000 specific, step-by-step calculation procedures for solving both common and uncommon engineering problems quickly and easily. The calculations presented provide safe, usable results for the majority of situations faced by practicing engineers worldwide.

The book fully describes each problem, includes numbered calculation procedures, provides workedout problems, and offers related calculations in most instances. This is an essential on-the-job manual as well as a handy reference for engineering licensing exam preparation.

Includes NEW calculation procedures for:

- Load and resistance factor design (LRFD)
- Solar heating loads
- Geothermal energy engineering
- Transformer efficiency
- Thermodynamic analysis of a Linde system
- Design of a chlorination system for wastewater disinfection
- Determination of ground-level pollutant concentration
- And many more

Standard Handbook of Engineering Calculations, Fifth Edition, features detailed, time-saving calculations for:

- Civil and structural engineering
- Architectural engineering
- Mechanical engineering

- Electrical engineering
- Chemical and process plant engineering
- Water and wastewater engineering
- Environmental engineering

 [Download Standard Handbook of Engineering Calculations, Fif ...pdf](#)

 [Read Online Standard Handbook of Engineering Calculations, F ...pdf](#)

Standard Handbook of Engineering Calculations, Fifth Edition (Mechanical Engineering)

By Tyler G. Hicks

Standard Handbook of Engineering Calculations, Fifth Edition (Mechanical Engineering) By Tyler G. Hicks

MORE THAN 5000 ESSENTIAL, UP-TO-DATE CALCULATIONS FOR ENGINEERS

Thoroughly revised with the latest data, methods, and code, the new edition of this practical resource contains more than 5000 specific, step-by-step calculation procedures for solving both common and uncommon engineering problems quickly and easily. The calculations presented provide safe, usable results for the majority of situations faced by practicing engineers worldwide.

The book fully describes each problem, includes numbered calculation procedures, provides workedout problems, and offers related calculations in most instances. This is an essential on-the-job manual as well as a handy reference for engineering licensing exam preparation.

Includes NEW calculation procedures for:

- Load and resistance factor design (LRFD)
- Solar heating loads
- Geothermal energy engineering
- Transformer efficiency
- Thermodynamic analysis of a Linde system
- Design of a chlorination system for wastewater disinfection
- Determination of ground-level pollutant concentration
- And many more

Standard Handbook of Engineering Calculations, Fifth Edition, features detailed, time-saving calculations for:

- Civil and structural engineering
- Architectural engineering
- Mechanical engineering
- Electrical engineering
- Chemical and process plant engineering
- Water and wastewater engineering
- Environmental engineering

Standard Handbook of Engineering Calculations, Fifth Edition (Mechanical Engineering) By Tyler G. Hicks **Bibliography**

- Sales Rank: #179050 in Books

- Published on: 2014-09-08
- Original language: English
- Number of items: 1
- Dimensions: 9.40" h x 1.80" w x 7.70" l, .92 pounds
- Binding: Hardcover
- 1136 pages



[Download Standard Handbook of Engineering Calculations, Fif ...pdf](#)



[Read Online Standard Handbook of Engineering Calculations, F ...pdf](#)

Download and Read Free Online Standard Handbook of Engineering Calculations, Fifth Edition (Mechanical Engineering) By Tyler G. Hicks

Editorial Review

About the Author

Tyler G. Hicks, PE, is a consulting engineer and a successful engineering book author. He has worked in plant design and operation in a variety of industries, taught at several engineering schools, and lectured both in the United States and abroad. Mr. Hicks holds a bachelor's degree in Mechanical Engineering from Cooper Union School of Engineering in New York. He is the author or coauthor of more than 20 books in engineering and related fields, including *Civil Engineering Formulas*, *Handbook of Mechanical Engineering Calculations*, *Handbook of Energy Engineering Calculations*, and *Structural Engineering Formulas*.

Users Review

From reader reviews:

Jesus Gilbert:

Reading a publication can be one of a lot of pastime that everyone in the world likes. Do you like reading book consequently. There are a lot of reasons why people fantastic. First reading a guide will give you a lot of new details. When you read a reserve you will get new information due to the fact book is one of numerous ways to share the information as well as their idea. Second, reading a book will make you actually more imaginative. When you studying a book especially fictional works book the author will bring someone to imagine the story how the figures do it anything. Third, you may share your knowledge to other folks. When you read this Standard Handbook of Engineering Calculations, Fifth Edition (Mechanical Engineering), you can tell your family, friends and also soon about yours publication. Your knowledge can inspire others, make them reading a reserve.

Thersa Davenport:

Does one one of the book lovers? If so, do you ever feeling doubt while you are in the book store? Try to pick one book that you find out the inside because don't ascertain book by its protect may doesn't work is difficult job because you are scared that the inside maybe not seeing that fantastic as in the outside seem likes. Maybe you answer can be Standard Handbook of Engineering Calculations, Fifth Edition (Mechanical Engineering) why because the excellent cover that make you consider regarding the content will not disappoint you. The inside or content is usually fantastic as the outside or cover. Your reading sixth sense will directly assist you to pick up this book.

Jerri Montgomery:

Don't be worry when you are afraid that this book will probably filled the space in your house, you may have it in e-book means, more simple and reachable. This Standard Handbook of Engineering Calculations, Fifth Edition (Mechanical Engineering) can give you a lot of good friends because by you checking out this one book you have thing that they don't and make a person more like an interesting person. This book can be one

of a step for you to get success. This book offer you information that probably your friend doesn't learn, by knowing more than various other make you to be great people. So , why hesitate? Let me have Standard Handbook of Engineering Calculations, Fifth Edition (Mechanical Engineering).

Santiago Bronson:

Reading a e-book make you to get more knowledge from that. You can take knowledge and information from your book. Book is created or printed or created from each source that filled update of news. With this modern era like right now, many ways to get information are available for anyone. From media social similar to newspaper, magazines, science reserve, encyclopedia, reference book, fresh and comic. You can add your knowledge by that book. Are you ready to spend your spare time to open your book? Or just trying to find the Standard Handbook of Engineering Calculations, Fifth Edition (Mechanical Engineering) when you desired it?

Download and Read Online Standard Handbook of Engineering Calculations, Fifth Edition (Mechanical Engineering) By Tyler G. Hicks #1YJGDHMBT78

Read Standard Handbook of Engineering Calculations, Fifth Edition (Mechanical Engineering) By Tyler G. Hicks for online ebook

Standard Handbook of Engineering Calculations, Fifth Edition (Mechanical Engineering) By Tyler G. Hicks
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 Standard Handbook of Engineering Calculations, Fifth Edition (Mechanical Engineering) By Tyler G. Hicks books to read online.

Online Standard Handbook of Engineering Calculations, Fifth Edition (Mechanical Engineering) By Tyler G. Hicks ebook PDF download

Standard Handbook of Engineering Calculations, Fifth Edition (Mechanical Engineering) By Tyler G. Hicks Doc

Standard Handbook of Engineering Calculations, Fifth Edition (Mechanical Engineering) By Tyler G. Hicks MobiPocket

Standard Handbook of Engineering Calculations, Fifth Edition (Mechanical Engineering) By Tyler G. Hicks EPub

1YJGDHMBT78: Standard Handbook of Engineering Calculations, Fifth Edition (Mechanical Engineering) By Tyler G. Hicks