



Closed Feedwater Heaters for Power Generation: A Working Guide (Mechanical Engineering)

By Stanley Yokell, Michael Catapano, Eric Svensson

[Download now](#)

[Read Online](#) 

Closed Feedwater Heaters for Power Generation: A Working Guide (Mechanical Engineering) By Stanley Yokell, Michael Catapano, Eric Svensson

Best practices for using closed feedwater heaters in power generation plants

Based on the authors' decades of industry experience, this book explains how to improve cycle efficiency and reduce the cost of fuel used to produce electricity using closed feedwater heaters. This practical guide describes the steam cycle and contains detailed information on how manufacturers build feedwater heaters.

Closed Feedwater Heaters for Power Generation illustrates how to control the liquid level of the condensed extraction steam and offers recommendations for what to include in procurement specifications. Expert advice for evaluating manufacturers' technical proposals for new and replacement feedwater heaters is provided. This comprehensive resource also discusses inspection, maintenance, and repair of closed feedwater heaters as well as failures and their causes.

Complete coverage includes:

- The steam cycle
- Channel design and construction
- Tubing
- Tubesheets
- Tube-to-tubesheet joints
- Bundle construction
- Shell construction
- Assembly of bundles and shells
- Examining and testing feedwater heaters
- Quality assurance and quality control
- Level control
- Preparing procurement specifications
- Evaluating bidder's proposals
- Drawing reviews
- Inspection, maintenance, and repair
- Feedwater heater autopsies

 [Download Closed Feedwater Heaters for Power Generation: A W ...pdf](#)

 [Read Online Closed Feedwater Heaters for Power Generation: A ...pdf](#)

Closed Feedwater Heaters for Power Generation: A Working Guide (Mechanical Engineering)

By Stanley Yokell, Michael Catapano, Eric Svensson

Closed Feedwater Heaters for Power Generation: A Working Guide (Mechanical Engineering) By Stanley Yokell, Michael Catapano, Eric Svensson

Best practices for using closed feedwater heaters in power generation plants

Based on the authors' decades of industry experience, this book explains how to improve cycle efficiency and reduce the cost of fuel used to produce electricity using closed feedwater heaters. This practical guide describes the steam cycle and contains detailed information on how manufacturers build feedwater heaters.

Closed Feedwater Heaters for Power Generation illustrates how to control the liquid level of the condensed extraction steam and offers recommendations for what to include in procurement specifications. Expert advice for evaluating manufacturers' technical proposals for new and replacement feedwater heaters is provided. This comprehensive resource also discusses inspection, maintenance, and repair of closed feedwater heaters as well as failures and their causes.

Complete coverage includes:

- The steam cycle
- Channel design and construction
- Tubing
- Tubesheets
- Tube-to-tubesheet joints
- Bundle construction
- Shell construction
- Assembly of bundles and shells
- Examining and testing feedwater heaters
- Quality assurance and quality control
- Level control
- Preparing procurement specifications
- Evaluating bidder's proposals
- Drawing reviews
- Inspection, maintenance, and repair
- Feedwater heater autopsies

Closed Feedwater Heaters for Power Generation: A Working Guide (Mechanical Engineering) By Stanley Yokell, Michael Catapano, Eric Svensson **Bibliography**

- Sales Rank: #188119 in Books
- Published on: 2014-11-04
- Original language: English

- Number of items: 1
- Dimensions: 9.20" h x 1.10" w x 6.20" l,
- Binding: Hardcover
- 432 pages



[Download](#) Closed Feedwater Heaters for Power Generation: A W ...pdf



[Read Online](#) Closed Feedwater Heaters for Power Generation: A ...pdf

Download and Read Free Online Closed Feedwater Heaters for Power Generation: A Working Guide (Mechanical Engineering) By Stanley Yokell, Michael Catapano, Eric Svensson

Editorial Review

About the Author

Stanley Yokell, a Fellow of the ASME, is a registered Professional Engineer in Colorado, with retired registrations in Iowa, Illinois, and New Jersey. He consults for fossil and nuclear power plants on closed feedwater heaters and auxiliary power plant heat exchangers. Mr. Yokell was previously vice president and president of Process Engineering and Machine Company (PEMCO) and vice president of Ecolaire, Inc.

Michael C. Catapano has had more than 40 years' experience in the operation, design, procurement, and maintenance of feedwater heaters, condensers, and other shell-and-tube heat exchangers, including seven years with PSE&G and 33 years as president of Powerfect, Inc. He is past chairman of the ASME Power Division Heat Exchanger Committee and served for many years as their technical program coordinator. Mr. Catapano is a Fellow of the ASME.

Eric Svensson has 10 years' experience as the vice president of engineering at Powerfect, Inc. Since joining Powerfect, he has been involved in the writing the specification and conducting quality control checks for more than 25 replacement feedwater heaters. Mr. Svensson is currently a member of the ASME Heat Exchanger Committee.

Users Review

From reader reviews:

Leesa Banta:

Throughout other case, little folks like to read book Closed Feedwater Heaters for Power Generation: A Working Guide (Mechanical Engineering). You can choose the best book if you appreciate reading a book. Given that we know about how is important some sort of book Closed Feedwater Heaters for Power Generation: A Working Guide (Mechanical Engineering). You can add information and of course you can around the world by way of a book. Absolutely right, due to the fact from book you can recognize everything! From your country till foreign or abroad you will find yourself known. About simple issue until wonderful thing you can know that. In this era, we can easily open a book or even searching by internet device. It is called e-book. You need to use it when you feel uninterested to go to the library. Let's read.

Peter Singleton:

The book Closed Feedwater Heaters for Power Generation: A Working Guide (Mechanical Engineering) gives you the sense of being enjoy for your spare time. You may use to make your capable far more increase. Book can to become your best friend when you getting pressure or having big problem along with your subject. If you can make examining a book Closed Feedwater Heaters for Power Generation: A Working Guide (Mechanical Engineering) to be your habit, you can get considerably more advantages, like add your personal capable, increase your knowledge about many or all subjects. You can know everything if you like open and read a book Closed Feedwater Heaters for Power Generation: A Working Guide (Mechanical

Engineering). Kinds of book are several. It means that, science reserve or encyclopedia or others. So , how do you think about this guide?

Duane Vega:

The knowledge that you get from Closed Feedwater Heaters for Power Generation: A Working Guide (Mechanical Engineering) is the more deep you looking the information that hide in the words the more you get enthusiastic about reading it. It does not mean that this book is hard to know but Closed Feedwater Heaters for Power Generation: A Working Guide (Mechanical Engineering) giving you enjoyment feeling of reading. The copy writer conveys their point in certain way that can be understood by means of anyone who read this because the author of this book is well-known enough. This kind of book also makes your own vocabulary increase well. Therefore it is easy to understand then can go together with you, both in printed or e-book style are available. We recommend you for having this Closed Feedwater Heaters for Power Generation: A Working Guide (Mechanical Engineering) instantly.

Joan Morris:

Reading a guide can be one of a lot of exercise that everyone in the world really likes. Do you like reading book so. There are a lot of reasons why people enjoy it. First reading a book will give you a lot of new info. When you read a e-book you will get new information since book is one of various ways to share the information or their idea. Second, studying a book will make anyone more imaginative. When you studying a book especially tale fantasy book the author will bring one to imagine the story how the character types do it anything. Third, you are able to share your knowledge to other individuals. When you read this Closed Feedwater Heaters for Power Generation: A Working Guide (Mechanical Engineering), you can tells your family, friends in addition to soon about yours e-book. Your knowledge can inspire others, make them reading a reserve.

Download and Read Online Closed Feedwater Heaters for Power Generation: A Working Guide (Mechanical Engineering) By Stanley Yokell, Michael Catapano, Eric Svensson #8DRC0Q4Y3ZO

Read Closed Feedwater Heaters for Power Generation: A Working Guide (Mechanical Engineering) By Stanley Yokell, Michael Catapano, Eric Svensson for online ebook

Closed Feedwater Heaters for Power Generation: A Working Guide (Mechanical Engineering) By Stanley Yokell, Michael Catapano, Eric Svensson 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 Closed Feedwater Heaters for Power Generation: A Working Guide (Mechanical Engineering) By Stanley Yokell, Michael Catapano, Eric Svensson books to read online.

Online Closed Feedwater Heaters for Power Generation: A Working Guide (Mechanical Engineering) By Stanley Yokell, Michael Catapano, Eric Svensson ebook PDF download

Closed Feedwater Heaters for Power Generation: A Working Guide (Mechanical Engineering) By Stanley Yokell, Michael Catapano, Eric Svensson Doc

Closed Feedwater Heaters for Power Generation: A Working Guide (Mechanical Engineering) By Stanley Yokell, Michael Catapano, Eric Svensson MobiPocket

Closed Feedwater Heaters for Power Generation: A Working Guide (Mechanical Engineering) By Stanley Yokell, Michael Catapano, Eric Svensson EPub

8DRC0Q4Y3ZO: Closed Feedwater Heaters for Power Generation: A Working Guide (Mechanical Engineering) By Stanley Yokell, Michael Catapano, Eric Svensson