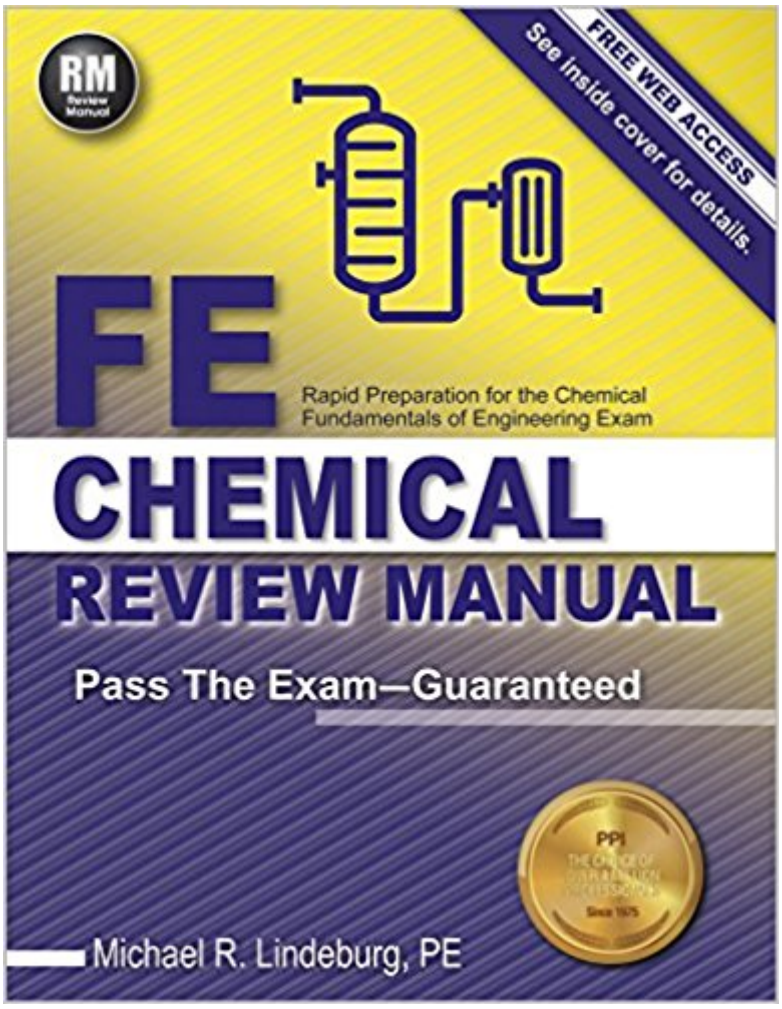
FE Chemical Review Manual



Synopsis

Michael R. Lindeburg PEÃ¢â ¬â„¢sÃ Â FE Chemical Review ManualÃ Â offers complete review for the FE Chemical exam. This book is part of a completeÃ Â set of toolsÃ Â designed to help you pass the FE exam the first time.FE Chemical Review ManualÃ Â features include:equations, figures, and tables of the NCEES FE Reference Handbook to familiarize you with the reference youÃ¢â ¬â„¢ll have on exam day16 diagnostic exams to assess your grasp of knowledge areas covered in each chapterconcise explanations supported by exam-like example problems, with step-by-step solutions to reinforce the theory and application of fundamental concepts30-day web access to the mobile version of the book for on-the-go reviewaccess to a fully customizable study schedule to keep your studies on tracka robust index with thousands of terms to facilitate referencinga guarantee that if you follow the guidelines described in the Ã¢â ¬Å“How to Use This BookÃ¢â ¬Â• section, youÃ¢â ¬â„¢ll pass the exam or we will refund your purchase*Important notice! It has been brought to our attention that counterfeit PPI books have been sold by independent sellers. Counterfeit books have missing material as well as incorrect and outdated content.Ã Â While we are actively working with and other third party sellers to resolve this issue, we would like our customers to be aware that this issue exists and to be leary of books not purchased directly through PPI and PPI stores on .Ã Â We cannot guarantee the authenticity of any book that is not purchased from PPI. If you suspect a fraudulent seller, please email details to marketing[at]ppi2pass.com.Ã Â

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Customer Reviews

Michael R. Lindeburg, PE, is one of the best-known authors of engineering textbooks and references. His books and courses have influenced millions of engineers around the world. Since 1975, he has authored over 40 engineering reference and exam preparation books. He has spent thousands of hours teaching engineering to students and practicing engineers. He holds bachelor of science and master of science degrees in industrial engineering from Stanford University.

This FE chemical review is a used book but looks new. Absolutely clean! Highly satisfied with the purchase. Hope to pass FE exam with it.

Great studying tool.

Excellent book. Study it and you will pass

Really easy to follow. Helps make sure you do not study into one topic extensively.

good

Good

Bottom line: Solid review manual with a money back guarantee that covers all the areas on the testProfessional licensing exams are always a big step in any career, and usually cause some anxiety in those getting ready to take them. The Fundamentals of Engineering (FE) exam is generally the first step in the process to becoming a professional licensed engineer (P.E.). Since 2014, the FE exam is a computer-based exam, a significant change in style and test-taking from the previous paper-based test. As a result, you'll need updated study materials and strategy to prepare for the test. During the test, you will be provided with an electronic NCEES FE Reference Handbook, as well as a computer based on-screen calculator program, as your only other tools during the 6 hour test. The test covers sixteen areas of knowledge: Mathematics; Probability and Statistics; Engineering Sciences; Computational Tools; Materials Science; Chemistry; Fluid Mechanics and Dynamics; Thermodynamics; Material and Energy Balances; Heat Transfer; Mass Transfer and Separation; Chemical Reaction Engineering; Process Design and Economics; Process Control; Safety, Health and Environment; and Ethics and Professional Practice. Chances are good

you have never taken a test like this before, so good preparation is vital.The FE Chemical Review Manual will be a big help in preparing you for the exam. It covers the sixteen areas of knowledge well, so if you work through the review manual you should be able to find areas of strength and weakness to further refine your studies. It also includes practice questions, and gives keen insight with comments on some of the subtle differences you may find based on the NCEES FE Reference Handbook. For example, it gives a short discussion specifically on how the handbook presents the net work differently from net heat in a basic cycle--that's something good to know *before* you're in the test. With the manual, you have 800 pages of solid, high value review materials to get you ready for the test. The manual also incused a free trial access for the online web book at feprep.com. The manual there also allows you to read the book on any web-enabled device; add electronic notes and bookmarks; perform a full text search; and answer questions in an interactive format.The book is only one part of the strategy outlined in the manual for how to pass the exam. In addition to the book, they recommend further study in those areas you find you are weak (kind of a no-brainer); obtaining your own copy of the NCEES FE Reference Handbook as part of your preparation (you *really* don't want to have the first time you see the handbook on the day of the test where you're supposed to use it--only place to get one is on the MyNCEES website; use the version appropriate for the test dates you're planning on taking); and taking computer-based practice tests to get you used to the format you will see on the "real" test. Again, you can find computer-based practice exams on MyNCEES which use actual questions used on past exams.That being said, it is worth noting that the authors are so convinced you'll pass the test with their review method, they will refund you the purchase price of your book if you do not pass the FE exam. It's also worth noting that in 2015, for first time test takers, all having attended EAC/ABET-accredited engineering programs and taking the test within 12 months of graduation, only 75% passed the exam. You've spent years in undergrad getting ready for this, so anything that improves your chances at passing is a good deal. You're not going to find a better review manual that covers every topic you'll be tested on, much less one with a money-back guarantee.

Overall it is a good review of material, but beware of errors. The sections (knowledge areas) are slightly different from the real FE - the book is missing a section on Material/Energy Balances (which is pretty significant considering this is the foundation of much of chemical engineering) and has Mass Transfer and Unit Processes separated (on the exam, Mass Transfer and Separations are in one section). The Diagnostic Exams don't always have an accurate distribution of problems. For example, for the 10 Chemical Reaction Engineering diagnostic problems, 3 have nothing to do with

reactions (1 separations, 1 material balance, 1 thermo). And for the 10 Thermodynamics, probably 2 should be categorized as Heat Transfer. It looks like it was rushed to publication (uses many problems from old review manuals) and was not edited as thoroughly as it should have been. But it still provides some value for reviewing concepts. Hopefully future editions will fix some of the problems.

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