



FXM ENGINEERING & DESIGN

BOOK INFORMATION SHEET

- TITLE:** **The Pilot Plant Real Book, 2nd Edition**
A Unique Handbook for the Chemical Process Industry
- AUTHOR:** Francis X. McConville
- PUBLISHER:** FXM Engineering & Design
6 Intervale Road
Worcester MA 01602
Phone: 1-800-869-0998, 1-508-752-1563
Fax: 508-752-1549
SAN 254-721X
- CATEGORY:** Chemistry / Chemical Engineering / Reference (BISAC REF028000)
- PUBLICATION DATE:** January 2007
- PRICE:** \$US 114.95
- No. PAGES:** 320
- FINISHED SIZE:** 8.5 x 11 inches
- BINDING:** Lay-Flat Perfect
- ISBN:** 0-9721769-2-6
- LCC:** 2006931624
- ILLUSTRATIONS:** Over 200 2-color charts, graphs and illustrations
- BACK MATTER:** Bibliography, recommended reading, index
- DESCRIPTION:** A unique and highly practical handbook for chemists, chemical engineers, technicians, and students preparing to enter industry. It is designed for those working in chemical process development, or tech transfer to pilot or commercial plants. Contents include physical property data for chemicals, solvents, gases and materials; concise monographs on key concepts such as heat transfer, temperature control, agitation, distillation, crystallization, and process safety screening; equipment data; safety information; important pointers and guidelines for developing scalable reactions; tips and techniques for effective process development.
- INTENDED AUDIENCE:** Practicing chemists, chemical engineers and technicians, as well as students and graduates preparing to enter the fine chemical industry.
- AUTHOR'S BACKGROUND:** Francis X. McConville holds a BS in Chemistry and MS degrees in both Biotechnology and Chemical Engineering from Worcester Polytechnic Institute. He has been involved in the chemical and related fields for nearly 30 years, including 14 years as a process engineer at Sepracor, Inc. He has helped scale up chemical and biochemical processes in Asia, Europe and North America. He works as a consultant and training instructor and lives with his family in Massachusetts.
- DISTRIBUTION:** The Pilot Plant Real Book is available directly from the publisher and from select vendors of scientific books. Dealer inquiries welcome.

The Pilot Plant Real Book, by Francis X. McConville, is a unique and highly practical new handbook for R&D chemists, chemical engineers, technicians, and students. Bridging the gap between chemistry and engineering, it is designed for process R&D, kilo-lab and pilot plant personnel, and is packed with information for the safe and effective scale-up of new processes. The revised and expanded 2nd edition is richly illustrated with over 200 distinctive charts, graphs, figures and data tables, and contains countless tips and techniques, an exhaustive index, bibliography and recommended rea The Pilot Plant Real B by Francis X. McConville. Other editions. Want to Read savingâ€¦| Error rating book. Refresh and try again. Rate this book. Clear rating. 1 of 5 stars 2 of 5 stars 3 of 5 stars 4 of 5 stars 5 of 5 stars.Â See a Problem? Weâ€™d love your help. Let us know whatâ€™s wrong with this preview of The Pilot Plant Real Book by Francis X. McConville. Problem: Itâ€™s the wrong book Itâ€™s the wrong edition Other. Details (if other): Cancel. Thanks for telling us about the problem. Return to Book Page. Not the book youâ€™re looking for? Preview â€” The Pilot Plant Real Book by Francis X. McConville. The Pilot Plant Real Book: A Unique Handbook for the Chemical Process Industry. by. Francis X. McConville.

Publishers hope their books are bought. Writers hope their book will be used, but they rejoice if their book is at least read and retained on a bookshelf. Most chemical engineering books are not used because they contain so little information of practical use to a plant engineer or a pilot plant engineer. The "Pilot Plant Real Book" by Francis McConville is a different kind of chemical engineering book. It contains no differential equations. This book also contains a bibliography and "Additional Recommended Reading" addendums. The "Pilot Plant Real Book" can be used in laboratory and pilot plant environments. It has a spiral binding, so it will lay flat at the selected page. "Pilot plant real book" to be exact; "Pilot Plant Bible" not an exaggeration. I felt lucky to get a copy of this book BEFORE setting my foot into pilot plant. I found it extremely useful in transitioning into pilot plant operations from R&D laboratory environment. For these two, many things are same in principles but different in real operations. The book teaches everything: reactors, fittings, material compatibility, pumping, heat exchange, distillation, recrystallization, etc. In doing so it truly helps practitioners to set up reactions successfully and safely. I u Format Books. Publication First edition. Worcester, MA : FXM Engineering and Design, [2002] ©2002. This classification scheme is used by most libraries on campus to determine the shelf order of the books and collocates items by topic. Browse more similar items from the catalog related by call number. View nearby items.