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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
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- CATEGORY:** Chemistry / Chemical Engineering / Reference (BISAC REF028000)
- PUBLICATION DATE:** January 2007
- PRICE:** \$US 114.95
- No. PAGES:** 320
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- 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.

Given the importance of pilot plant, which can be viewed as one of the four elements of process development,[1] there is some truth in this assertion. At least this omission forgoes an opportunity to show the students how basic principles, experiments, know-how, experience, simulations, literature data, workflow, etc., come together in the development of products and processes.Â

@inproceedings{Mcconville2002ThePP, title={The Pilot Plant Real Book: A Unique Handbook for the Chemical Process Industry}, author={F. Mcconville and Ka Ming Ng}, year={2002} }. Are you sure you want to remove **The Pilot Plant Real Book** from your list? The Pilot Plant Real Book. A Unique Handbook For The Chemical Process Industry. 2 edition. by Francis X. McConville. 11 Want to read. 2 Currently reading. Published December 2006 by Fxm Engineering & Design .