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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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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.

PILOT PLANT SCALE UP TECHNIQUES - Ph plant scale up techniques contents: introduction on pilot plant and scale up o pilot plant design o pilot plant operation o general considerations about pilot Documents. Murdoch University Pilot Plant Advanced Control ?Â· Murdoch University Pilot Plant Advanced Controlâ€¦Documents. View more >. About us. The Pilot Plant Role of the Plant Â· Factors in Scale-Up Â· Some Do's and Don'ts Â· Tips for Developing Scalable Reactions Â· Calorimetry/Safety Screening Â· Haz-Ops Â· Flow Diagrams Â· Batch Records Â· GMP. 2. Equipment and Operations Equipment Train Â· Reactors Â· Agitation Â· Raw Material Charging Â· Reaction Control Â· Sampling â€¢ Workup Â· Distillation Â· Crystallization Â· Isolation/Filtration Â· Drying Â· Equipment Cleaning.Â· Blend times on the order of 1-2 seconds are typical in a laboratory flask, but may be. The pilot plant real book. 1-3. 1 - The Pilot. 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.