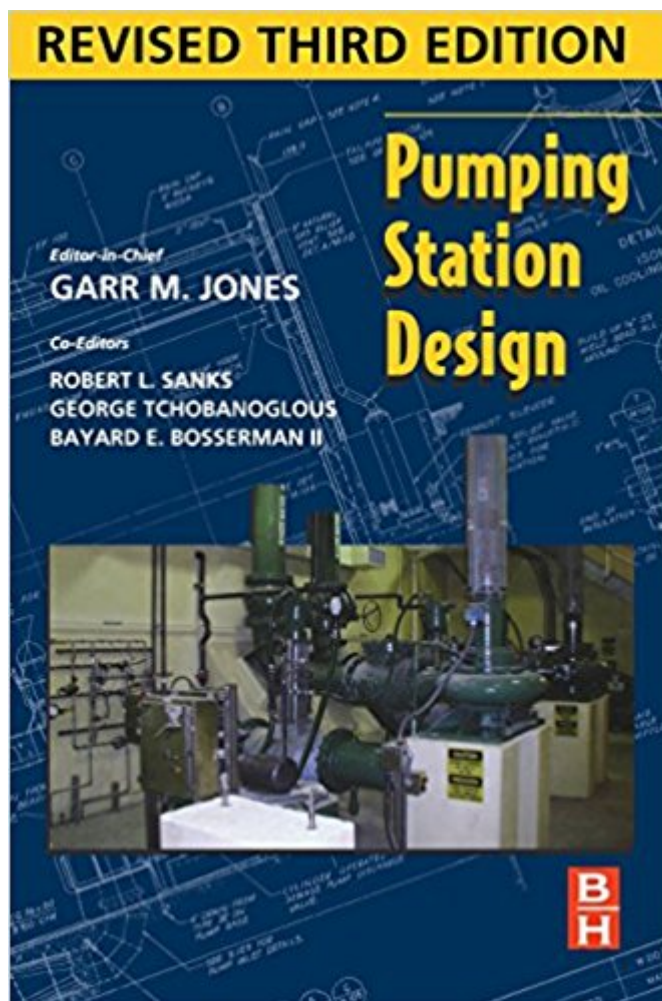


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# Pumping Station Design, 3rd Edition



## Synopsis

The third edition of Pumping Station Design continues the award-winning tradition of previous editions. Written by 44 authors with expert input from 141 other contributors for manufacturers, utility managers, design engineers environmental engineers and all involved in the design of pumping stations, this book provides expert information. Understanding is given to the various disciplines important to the design and execution of reliable, easy to operate, low maintenance pumping stations. The depth of experience and expertise of the contributors and editors is unparalleled making this book the standard guide for the implementation of a well-integrated pumping station design. Pumping Station Design, Third Edition is essential for professionals who will apply the fundamentals of various disciplines and subjects in order to produce a well-integrated pumping station which will be reliable, easy to operate and maintain, and free from design mistakes. Inappropriate design can be costly and there simply is no excuse for not taking expert advice from the pages of this book! \* An award-winning reference work that has become THE standard in the field\* Dispenses expert information on how to produce a well-integrated pumping station that will be reliable, easy to operate and maintain, and free from design mistakes\* 60% of the material has been updated to reflect current standards and changes in practice since the book was last published in 1998\* New material added to this edition includes: the latest design information, the use of computers for pump selection, extensive references to Hydraulic Institute Standards and much more! --This text refers to an out of print or unavailable edition of this title.

## Book Information

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## Customer Reviews

Product Description Pumping Station Design, 3rd edition is an essential reference for all professionals. From the expert city engineer to the new design officer, this book assists those who need to apply the fundamentals of various disciplines and subjects in order to produce a well-integrated pumping station which is reliable, easy to operate and maintain, and free from design mistakes. The depth of experience and expertise of the authors, contributors, and peers reviewing the content, as well as the breadth of information, is unparalleled--making this the only book of its kind. \* An award-winning reference work that has become the standard in the field \* 60% of the material has been updated to reflect current standards and changes in practice since the book was last published in 1998 \* New material added to this edition includes: the latest design information, the use of computers for pump selection, extensive references to Hydraulic Institute Standards, and much more. A Sample Table Inside Pumping Station Design, 3rd Edition:

| Specialties and Disciplines in the Design of Pumping Stations | Specialty Approximate percentage of design costs |
|---------------------------------------------------------------|--------------------------------------------------|
| Planning and water resources management                       | 5-15                                             |
| Surveying                                                     | 0.5-1                                            |
| Foundation and soils engineering                              | 2-10                                             |
| Hydraulic engineering                                         | 5-15                                             |
| Analysis for transients                                       | 0-2                                              |
| Structural engineering                                        | 20-35                                            |
| Civil and mechanical engineering                              | 15-40                                            |
| Electrical engineering                                        | 10-30                                            |
| Instrumentation engineering                                   | 2-5                                              |
| Architecture                                                  | 0.5-2                                            |
| Specifications and contract administration                    | 5-10                                             |
| Construction engineering                                      | 15-50                                            |
| Start-up, operations, and checkout                            | 5-20                                             |

“A unique and comprehensive text that should find a place on the bookshelf of all concerned with pumping facilities”  
“a truly excellent publication.”  
World Pumps  
“Practitioners in any discipline related to pumping station design should henceforth be compelled to read this book.”  
The Institute of Water and Environmental Management

Thanks

This book is a must for everyone working in pumping stations. It is well organized and present the information in easy clear way. It contains answers for every tiny question that revolves in your head. Big respect to the editors.

This book was purchased for my boss and he was very happy with it and the delivery time was quick. No problems with the order.

Honestly, I have not read the entire book, but as a Consultant for small sewer districts, everything I've needed to be refreshed on is in this book. The authors have compiled a great deal of real-world applications and compared different designs to recommend what has been proven to work the best of all they have seen. Although it usually takes a Science degree to become an Engineer, Engineering is a great deal of art. Let the creative solutions others have found work for you - improve your designs and stick with what is proven to work best!

"Sensational resource"!!!! I bought this for my boyfriend because he really wanted it, after I brought an earlier edition home from work one day. He couldn't believe how comprehensive it was but the price was a bit steep. I waited awhile before getting it just to make sure it was really what he wanted. Lately it has been hard finding good resources for our profession, or at least a comprehensive resource, but this seems to be a good one. Definitely worth the money!

One of the most comprehensive books in the area I have ever seen. I like its approach with guidelines of how to use it depending on the type of user. It combines advice on mechanical, civil and electrical aspects obtained on years of experience of the authors (more than 100 specialists from the academy and industry). A huge effort from the editors. If you like the subject and want one bible-like book, this is it!

A great reference book that deals with all design aspects related to pumping stations. Furthermore, there is extensive information concerning procurement and commercial issues. The book is clear even when it goes into detailed information and should be considered as a must have for every engineer working in this field.

The book is informational and a great asset in our business. It has become an essential tool used daily to help us in our day to day functions in the office. This was a difficult book to find and we were glad .com could fulfill our needs.

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