



Pumping Station Design, 3rd Edition

By Garr M. Jones PE DEE, Robert L. Sanks PhD PE

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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!

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Editorial Review

Amazon.com Review

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.

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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

Review

“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

From the Back Cover

- Winner of the 1989 Excellence Award from the Professional and Scholarly Publishing Division of the Association of American Publishers.
- Multi-contributed, expert advice from the most recognized engineers, consultants and academics
- Fully-integrated, essential reference
- Updates include extensive references to Hydraulic Institute Standards, the latest design information, and the use of computers for pump selection

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Praise for previous editions....

“The reviewer salutes the editor-in-chief, the co-editors, and the many contributors for their effort in preparing a book that contains a great wealth of knowledge of direct importance for pumping station design.”
- Journal of Hydraulic Engineering, August 2000

“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

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Users Review

From reader reviews:

Jason Nunez:

Reading a reserve tends to be new life style in this particular era globalization. With studying you can get a lot of information that may give you benefit in your life. Along with book everyone in this world can certainly share their idea. Guides can also inspire a lot of people. Lots of author can inspire their very own

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Eric Lowe:

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