



Centrifugal Pump User's Guidebook: Problems and Solutions

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Specifically for the pump user, this book concentrates on the identification and solution of problems associated with existing centrifugal pumps. It gives specific examples on how to modify pump performance for increased efficiency and better quality control, which turn into long-term cost savings. Some basic theory is included to give the reader greater understanding of the problems being encountered and attacked.

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Editorial Review

Review

'...contains information on how to attain and maintain optimum performance from centrifugal pumps and offers an approach diagnosing and solving pumps.'

Civil Engineering

From the Author

This book contains comprehensive information on how to attain and maintain optimum performance from centrifugal pumps. It contains critical information that can benefit anyone from the novice to the experienced researcher. A wide range of ways for modifying and improving the performance of existing pumps are discussed. Safety measures required at the early stages of design are emphasized. The book provides guidelines on the selection and purchase of pumps that encompass a wide spectrum of situations. This includes features of materials and workmanship required to improve quality control. There is an indepth discussion of the numerous potential problems that may be encountered during testing. The pump-attendant will find here the basic information required for detecting early signs of developing malfunctions and a very comprehensive checklist of the potential problems and their causes. The maintenance personnel will learn which remedial means to follow if unanticipated problems occur.

Besides providing much needed information (some of which cannot be found in any other book on the same subject), this book dispels certain deeply rooted misconceptions, which haunt the pump industry to this very day. For example: It dispels the notion that the blade-tip angle is the most significant design-parameter of a centrifugal pump (see the test data presented in Fig. 1-4 of the book). It also dispels the notion that the suction capability is linked to the specific speed of a pump (see the test-data shown in Fig. 6-5). This book also clears up the existing confusion related to the effects of recirculation in centrifugal pumps (chapter 9).

Users Review

From reader reviews:

Dee Alaniz:

Reading a book tends to be new life style in this era globalization. With studying you can get a lot of information that can give you benefit in your life. Having book everyone in this world can share their idea. Textbooks can also inspire a lot of people. Lots of author can inspire their very own reader with their story or their experience. Not only the story that share in the ebooks. But also they write about the ability about something that you need illustration. How to get the good score toefl, or how to teach your young ones, there are many kinds of book which exist now. The authors these days always try to improve their ability in writing, they also doing some study before they write on their book. One of them is this Centrifugal Pump User's Guidebook: Problems and Solutions.

Angela Smith:

The reason why? Because this Centrifugal Pump User's Guidebook: Problems and Solutions is an unordinary book that the inside of the guide waiting for you to snap the item but latter it will zap you with

the secret the item inside. Reading this book alongside it was fantastic author who have write the book in such incredible way makes the content inside of easier to understand, entertaining method but still convey the meaning thoroughly. So , it is good for you for not hesitating having this any longer or you going to regret it. This amazing book will give you a lot of positive aspects than the other book have got such as help improving your proficiency and your critical thinking technique. So , still want to postpone having that book? If I had been you I will go to the book store hurriedly.

Miguel Lynch:

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Robert Poulin:

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