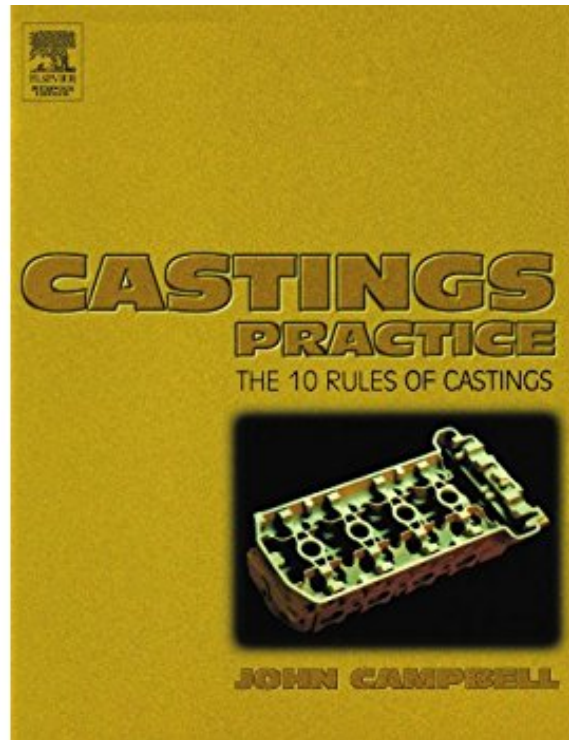


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Synopsis :

Review Reviews of Castings Practice: 'Castings Practice is a book that everyone associated with Foundry Technology should possess, but particularly those involved in the actual design and manufacture of castings such as Method Engineers, Production Engineers and Foundry Management. Our industry is fortunate in having Professor Campbell, an academic trained as a physicist and a physical metallurgist who has also considerable experience of working in operational foundries using a variety of materials and processes. Not only does Campbell bring to his publications the wealth of his own research and foundry experience, but as Professor of Casting Technology at the University of Birmingham he is at the forefront of research and development of cast metals. Like all Professor Campbell's books, Castings Practice has an intimate, easy style of writing that makes reading it an enjoyable experience and you cannot help being caught up the author's enthusiasm for a Foundry Technology that needs to be scientifically based and conducted in a professional manner.' - Tom Sutton, CEng Hon FICME, MIMechE ICME Technical Board 'Throughout, this book is packed with useful information... as a manual to guide the purchasers or specifiers of castings this book has started a trend that is long overdue.' Dr R Fenn FIMMM, Materials World, April 2005 'This new book by John Campbell is a wonderful example of passionate and professional treatises on the problem of how to make a good casting... On many occasions, the author argues with himself in Castings (1991) and brilliantly demonstrates the progress of scientific and technical thinking that have occurred within a decade. All in all, Castings Practice gives a valuable methodology of designing castings and molds and points out the problems yet to be solved. A wonderful feature of the book is the phenomenological approach chosen by the author for explaining complex phenomena occurring during casting. The book contains amazingly few formulas (not typical for a modern textbook) and yet remains scientifically deep. This text can be strongly recommended for castings engineers, metallurgists, graduate and postgraduate students and for materials scientists (like myself) who are interested in casting processing... the book, without doubt, will serve as a valuable knowledge source for many years to come.' - Journal of The Minerals, Metals and Materials Society, D. Eskin, Netherlands Institute for Metals Reviews of Castings: 'Castings is a must reference for all foundry engineers and castings designers.' 'Its author has himself made an outstanding contribution to the advance in the science and engineering of metal founding over recent years, and his new look at old problems makes stimulating reading.' 'Entertaining and fun to read. How refreshing to find an author writing on science and technology who is prepared to move out of the strait-jacket of conventional style and to be himself with realism, enthusiasm and a dry sense of humour.' 'This is a work which the casting industry should welcome with open arms. No foundry, and no foundry technologist, can afford to be without it.' Read more Book Description Essential guidance for metallurgists, students and foundry professionals from a world expert Read more See all Editorial Reviews