



DESIGN OF PROCESS EQUIPMENT

—
SELECTED TOPICS

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PREFACE

The design of process equipment such as shell-and-tube heat exchangers, pressure vessels and storage tanks requires a familiarity with a variety of sources of design data and procedures. The purpose of this book is to consolidate the scattered literature and present the material in simplified form so that it can be easily applied to design problems. Typical examples have been included to illustrate the application of the relationships and procedures presented in the text. Therefore, the designer should find this book to be a convenient and useful reference.

This book is based upon the author's several years of design experience and extensive research into previously published literature. The topics presented were selected based upon the problems most frequently encountered by the author.

Every effort has been made to eliminate errors during the development of this book. However, should any errors be noted, the reader is encouraged to bring them to the attention of the author. In addition any comments or questions related to the topics within this book are invited by the author. Neither the author nor the publisher, however, can assume responsibility for the results of designers using values or procedures contained in this book since so many variables affect every design.

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