

Chemical Engineers' Portable Handbook
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DESCRIPTION

This book is designed to provide a concise, succinct presentation of the salient and important aspects of chemical engineering for the practicing professionals and as a useful and "user friendly" handbook for students. Special features include chapters on Process Operation, Scale-up, and Environmental Operations in addition to the traditional areas of chemical engineering. Strong emphasis will be placed on concise presentation of applicable equation and data in easily understood tabular form with minimal textual matter.

BACK COVER

Work through problems on the spot--in the plant, lab, or office--with this one-of-a-kind portable guide. In the blink of an eye, it connects you to the most crucial, need-to-know information in the chemical process industries. Emphasizing practice-oriented design and approaches, Chemical Engineer's Portable Handbook is packed with:

- *Basic and practical chemical engineering knowledge
- *Concise, convenient facts, formulas, and methods

*Chapters on process operations, biochemical engineering and environmental operations
*Guidance on core chemistry topics
*Current environmental solutions
*Hazmat procedures, equipment, and regulations
*Succinct advice and data on process control
*Economy/design answers
*Essential design factors

Written by an internationally respected chemist, chemical engineer, and educator, Richard Griskey's *Chemical Engineer's Portable Handbook* is a lifesaver for chemical, process, mechanical, and environmental engineers, as well as chemists. Put it in your pocket and speed your way through any project.

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Introduction

Applied Chemistry

Applied Chemical Thermodynamics

Fluid Flow

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Units, Properties Factors