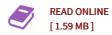




Rules of Thumb for Chemical Engineers, (Fourth Edition)

By Carl R. Branan

Elsevier, 2008. Softcover. Book Condition: New. This new edition of the most complete handbook for chemical and process engineers incorporates the latest information for engineers and practitioners who depend on it as a working tool. New material explores the recent trends and updates of gas treating and fractionator computer solutions analysis. Substantial additions to this edition include a new section on gasification that reflects the many new trends and techniques in the field and a treatment on compressible fluid flow. This convenient volume provides engineers with hundreds of common sense techniques, shortcuts, and calculations to quickly and accurately solve day-to-day design, operations, and equipment problems. Here, in a compact, easy-to-use format, are practical tips, handy formulas, correlations, curves, charts, tables, and shortcut methods that will save engineers valuable time and effort. Contents:- Section One: Equipment Design 1. Fluid Flow 2. Heat Exchangers 3. Fractionators 4. Absorbers 5. Pumps 6. Compressors 7. Drivers 8. Separators/Accumulators 9. Boilers 10. Cooling Towers Section Two: Process Design 11. Refrigeration 12. Gasification (by Chris Higman) 13. Gas Treating (updated by Chris Higman) 14. Vacuum Systems 15. Pneumatic Conveying 16. Blending Section Three: Plant Design 17. Process Evaluation 18. Reliability 19. Metallurgy 20. Safety 21. Controls...



Reviews

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This type of book is every little thing and taught me to seeking in advance plus more. it absolutely was writtern quite completely and beneficial. Its been designed in an remarkably simple way in fact it is merely after i finished reading this book where basically changed me, modify the way i really believe.

-- Dr. Retta Medhurst I