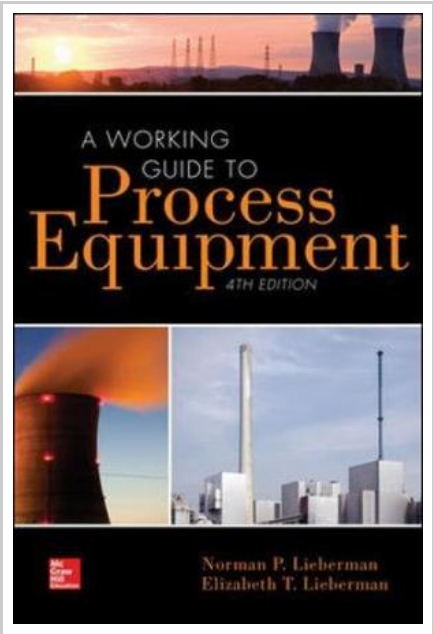

A Working Guide to Process Equipment (Hardback)

By Norman P. Lieberman, Elizabeth T. Lieberman

McGraw-Hill Education - Europe, United States, 2014. Hardback. Condition: New. 4th edition. Language: English . Brand New Book. The latest methods for troubleshooting and maintaining process equipment Applicable to a broad range of technicians and industries and fully updated throughout, A Working Guide to Process Equipment, Fourth Edition, explains how to diagnose, troubleshoot, and correct problems with chemical and petroleum refining process equipment. Nine new chapters cover: Tray design details Shell-and-tube heat exchanger design details Relief valve system design Vapor lock and exchanger flooding in steam systems Steam generation operating and design details Wastewater strippers Thermodynamics -- how it applies to process equipment Centrifugal pumps -- reducing seal and bearing failures Hand calculations for distillation towers Vapor -- liquid equilibrium, absorption, and stripping calculations Filled with examples and illustrations, this practical resource demonstrates how theory applies to solving real-world plant operation problems. Selected hand calculation methods are also provided. Comprehensive coverage includes: Distillation Tower Trays * Tower Pressure Control * Distillation Towers * Reboilers * Tower Internals * Instruments * Packed Towers * Steam and Condensate Systems * Bubble Point and Dew Point * Steam Strippers * Draw-Off Nozzle Hydraulics * Pumparounds and Tower Heat Flows * Condensers and Tower...

Reviews

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