

Book Reviews

Air Pollution Control Technology, by B. Bretschneider and J. Kurfurst, Elsevier, Amsterdam, The Netherlands, 1986, ISBN 0-444-98985-4, 197 pages, \$95.50 (Dfl 170.00).

This book is an excellent introduction to the topic of air pollution control and would be a good text for a beginning course (except that the customary problems and exercise used academically by the professor and student assignment are not present).

The authors begin (logically, I feel) with a discussion of the problems that lead to concern for air quality:

- Atmospheric pollution
- Adverse effect of physical and chemical pollutants in the atmosphere
- Sources of atmospheric pollution

With the problem defined the authors go on to discuss potential solutions. Each air pollution control device is nicely described and diagrammed. Indeed, this is the book's main attribute. Lacking however, is a really good mathematical description of the design basis for each control device. And sorely missing is a discussion of the energy use by each control device. Back to strengths — control of particulates is very well done; and for a weakness, the control of gases is not well covered.

For me, the great benefit of the book was the European perspective. The data supplied by the authors gave me a chance to compare and contrast what is happening in Europe to what's occurring in the United States.

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Hazardous Waste Handbook for Health and Safety, by W.F. Martin, J.M. Lippitt and T.G. Prothero, Butterworth Publishers, Boston, MA, 1987, ISBN: 0-409-90070-2, 470 pages, \$14.95.

This book was written as a guidance manual for supervisors responsible for occupational safety and health programs at uncontrolled hazardous waste sites. It was written by experienced hazardous waste site safety professionals who outline the problems of chemical and environmental exposure at site cleanups and then discuss ways to avoid the problems. The chapters and eight appendices provide a wealth of very practical, easily accessible and useful information for anyone involved with chemicals: normal use, spills. Conventional operating hazardous waste sites, as well as normal municipal disposal sites, are among