

The book is not for the individual looking for conclusive evidence that exposures to low levels of radon cause increased risk of cancer in humans, or a detailed analysis of the studies that support or refute that claim. An early chapter provides the nonspecialist with sufficient technical background to grasp the scientific underpinnings of the political debate. Easily accessible, interesting, and eye-opening, the book would be of interest to anyone following the radon debate, homeowners, scientists, policy makers, and citizens concerned about the allocation of their tax dollars.

K.A. WILBERT

Air Pollution Control and Design for Industry, edited by P.N. Cherimisinoff, Marcel Dekker, New York, NY, 1993, 589 pages, price US\$ 150, ISBN 0-8247-9057-X

Having taught a course on air pollution control, I have very definite ideas of what should be in an air pollution control text. And although the book was not designed as a course text, but rather as an industrial source design guidebook, I evaluated it from the point of view of a university instructor.

Technically, this is a very good book, with both the theory and practical applications of air pollution control discussed. It is well written, clear and concise, yet comprehensive. Its 17 chapters (many written by the editors, but with others contributed by industrial environmental engineers) covers all aspects of air pollution control:

- Pollution control devices: settling chambers, cyclones, baghouses, electrostatic precipitators
- Gaseous control devices: adsorbers, absorption (scrubbers), incinerators.
- Stacks
- Sampling
- Odor control
- Indoor air pollution
- Plant compliance for managers

I was impressed by the techniques used by the authors in writing this industrial design book because they basically used an academic approach by starting with the basic principles underlying the technology, developing the equations needed, and then using these equations in a completely worked out example. I shall include several (i.e., that govern the removal principles in the process) of these examples in my class the next time I teach it.

The authors did cover several topics the other 'academic texts' I have used did not: sampling and analysis, indoor air quality, air cleanup and water pollution control and industrial odor control.

Having described the many fine points of the book, I must balance this with a complaint; references. There are few to none in most chapters. I cannot accept this and the authors should correct this deficiency in future editions.

Not a deficiency (because the book was not designed as a text) but an opportunity to make this very good book a text — the authors could add homework problems in another edition of the text or as an academic supplement. I think, they would find

their book being adopted as a textbook if homework problems were supplied and the reference deficiency corrected.

All in all, a very good book and one I strongly recommend for industrial air pollution control engineers.

GARY F. BENNETT

Hazardous and Industrial Wastes: Proceedings of the Twenty-Fifth Mid-Atlantic Industrial Waste Conference, edited by A.P. Davies, Technomic Publishing, Lancaster, PA, 1993, 590 pages, price US\$ 85.00, ISBN 1-56676-067-4

The Mid-Atlantic Industrial Waste Conference is an annual gathering of consultants, industrial environmental managers, regulators and academicians. This year, the organizing committee focused on industrial waste treatment, site remediation and waste management. In addition, there were sessions on solidification, incineration, air quality, waste minimization and legal issues. The majority of the papers are technical in nature, divided between state-of-the-art and state-of-practice.

A total of 58 papers presented at this conference are published in these proceedings.

GARY F. BENNETT

Book of Lists for Regulated Hazardous Substances, Editorial Staff, Government Institutes, Rockwell, MD, 1993, 427 pages, price US\$ 67.00, ISBN 0-08658-337-2

From the Introduction:

“The objective of this reference book is to compile under a single cover those environmental, health, and safety lists that are often referenced in regulatory compliance and implementation literature. The major areas (laws) covered here are RCRA, CERCLA, SARA, CAA, CWA, SDWA, TSCA and OSHA.”

Given the mind-boggling number of chemicals regulated by the US EPA under a seemingly infinite number of laws, it is very helpful to have chemical lists from each law gathered together in one place. Government Institutes staff has done a real service by compiling the book.

GARY F. BENNETT

Combustion Ash/Residue Management: An Engineering Perspective, by D.H. Goodwin, Noyes Publications, Park Ridge, NJ, 1993, 85 pages, price US\$ 45.00, ISBN 0-8155-1328-3

Fly ash — a hazardous waste or not? Currently, the US EPA has not classified it as such, and the author of this book concurs that is a proper decision. And he is well qualified to do so, judging by the number of citations in the book to his own work on fly ash.