

- circulating bed combustion
 - on site
5. Laboratory Scale Results – 9 papers
- VOST sampling
 - Energy emission balance
 - products of incomplete combustion
 - US EPA research facilities

GARY F. BENNETT

Red Book on Transportation of Hazardous Materials, by L.W. Bierlein, Van Nostrand Reinhold, New York, NY, 1987, 2nd ed., ISBN No. 0-442-21044-2, 1203 pp., US\$96.95.

The author, an attorney, is a recognized Washington, D.C. expert in environmental matters; among his broad expertise, is a deep understanding of chemical transportation regulations. In the first chapter, Bierlein writes:

“The Red Book on Transportation of Hazardous Materials is written as a guide for a wide range of people concerned with the transportation of hazardous materials including hazardous substances and hazardous wastes designated by the (U.S.) Environmental Protection Agency. It is designed to enable people to better understand the nature and scope of the federal transportation regulations issued and enforced by the Department of Transportation (DOT), EPA and related state and internal agencies“.

Because of the complexity and sleep-inducing capacity of government regulations, the author advises reading and rereading the text, but in small doses. The book is heavy going, but well worth the effort if one is involved in hazardous material transportation.

Successive chapters deal with classification (of hazardous materials, packaging, labelling, shipping papers, placarding, motor carrier requirements, shipping by water, shipping by air, reporting of incidents, DOT inspection and enforcement, shipper’s liabilities, international regulating bodies, rule-making exemptions, CHEMTREC, the Hazardous Materials Transportation Act and the National Transportation Safety Board.

About 2/3 of the book is devoted to appendices:

- vapor pressure cuves for flammable liquids
- chapter 9 of the United Nations Orange Book on Dangerous Goods Transportation
- selected preambles to DOT Rule-Making Notices and Amendments
- pertinent hazardous material statutes.

GARY F. BENNETT