

Fire Protection Handbook, 17th edn., by Arthur E. Cole (Ed.), National Fire Protection Association, Quincy, MA, 1991, ISBN 0-87765-378-X, over 2000 pp., \$99.50.

The latest edition of the “Bible” of fire protection in the United States. This edition is entirely updated and revamped with additional charts and illustrations. The latest edition is composed of 183 chapters and 5 appendices all laid out in a systems approach. As the overleaf discusses, “This edition is organized around the six major strategies that encompass the building blocks of a systems approach to firesafety through balanced fire protection:

- Prevention of Ignition
- Design to slow early fire growth
- Detection and alarms
- Suppression
- Confinement of Fire
- Evacuation of Occupants

DAN KERR

Flammable and Combustible Liquids Code Handbook, 8th edn., by Robert P. Benedetti (Ed.), National Fire Protection Association, Quincy, MA, 1991, ISBN 0-87765-373-9, 393 pp., \$57.50.

This handbook presents the 1990 Standards for the safe handling, storage, and use of flammable and combustible liquids as established by the National Fire Protection Association. The handbook provides not only the actual standards but, more importantly, a short narrative on the intent and interpretation of each of the sections. The rapid advances in the technology of aboveground storage tanks coupled with the increased requirements of underground storage systems (deadline 1998) make this book a necessity to any facility handling or storing regulated liquids.

DAN KERR

Hazardous Materials Response Handbook, 2nd edn., by Gary Togle (Ed.), National Fire Protection Association, Quincy, MA, 1993, ISBN 0-87765-374-7, 993 pp. (Handbook), \$76.00 (includes handbook plus individual texts of NFPA/ANSI Standard 471 — Recommended Practice for Responding to Hazardous Materials Incidents, NFPA/ANSI Standard 472 — Standard for Professional Competence of Responders to Hazardous Materials Incidents, and NFPA/ANSI Standard 473 — Standard for Professional Competencies for EMS Personnel Responding to Hazardous Materials Incidents).

The updated standards discussed in this book are the basis for Subsection Q of 29 CFR 1910.120 (Emergency Response to a Hazardous Materials Release). If your company has a Hazardous Materials Response team, this book must be read and followed. This latest edition contains the updated sections referring to the “new” specialist rating (Specialist A, B, C). The newly developed Standard 473, concerning the response of EMS personnel to a release, is covered. This book gives the reader not only the current standard but also insights as to the probable direction of the next changes in the standard.

DAN KERR

Fire Protection Guide to Hazardous Materials, 10th edn., National Fire Protection Association, Quincy, MA, 1991, ISBN 0-87765-366-6, 550 pp., \$69.50.

The latest edition of a chemical reference manual first published by the National Fire Protection Association beginning in 1966. The book combines the text of NFPA Standard 49, “Hazardous Chemicals Data” providing emergency response information on 325 chemicals; NFPA Standard 325M, “Fire Hazard Properties of Flammable Liquids, Gases, and Volatile Solids”, providing fire hazard properties of over 1300 flammable substances; NFPA Standard 419M, “Manual of Hazardous Chemical Reactions”, referring to over 3550 mixtures of chemicals that can cause serious consequences; NFPA 704, “Recommended System for the Identification of the Fire Hazards of Materials”, the system developed by the National Fire Protection Association to identify Health, Flammability, Reactivity, and general hazards of hazardous materials. The book provides an updated version of its prior nine editions. This book is a handy reference manual used primarily as a resource in the event of an incident involving a hazardous material. The unique function of this particular publication is the availability of several sources of information under the one cover. This book also has a section devoted to the mixture of materials, a topic which has not been dealt with in many publications of this nature.

DAN KERR

Risk Management of Chemicals, by M.L. Richardson (Ed.), The Royal Society of Chemists, Thomas Graham House, Science Park, Cambridge, 1992, ISBN 0-85186-467-8, 392 pp.

This book provides an international approach to a long term risk management system for chemicals. The authors identify five main areas in their presentation: Setting the scene, introduction to the management of risk, managing risk in manufacture, risk management from waste, and managing