

The end of the video, appropriately, is a review of what was covered — a listing of the major sections of the MSDS.

I have discussed MSDSs every year in the hazardous materials class I teach at the University, but never have done as well as the two narrators in the video covering the topic. I hope to do better this year having seen the AWT tape.

In summary, the video is an excellent discussion of MSDSs. I strongly urge its use.

GARY F. BENNETT

Emergency Services Sourcebook, edited by D.G. Smith, Specialized Publications Services, Inc., New York, NY, 3rd ed., 1994, 1212 pages, price US\$ 119.96, ISBN 0-940613-08-4; 0-940613-03-6 (in two volumes)

This two-volume sourcebook is a massive compilation of sources of information and training for fire, emergency medical services, hazardous material handling, search and rescue, law enforcement and security, disaster reduction and industrial life safety.

Material included in each volume is listed below:

Volume I

Training and academic programs — 10000 courses and programs for the emergency services provided by over 3000 institutions and organizations of all kinds — schools, colleges, universities, fire and police academies, associations, government agencies, hospitals, industrial companies, consultants.

Federal Emergency Management Agency — description of the various services, courses and training programs offered.

EPA Environmental Response Training Program — courses, locations and external training providers offered by the Emergency Response Division of the Office of Emergency and Remedial Response, Environmental Protection Agency.

National Center for State and Local Law Enforcement Training — training schedule and description of the programs offered by various Federal agencies at the Federal Law Enforcement Training Center.

Associations and information centers — national and local professional, trade associations, societies, other membership organizations, and information centers helpful to emergency services.

Federal government agencies — the many agencies directly or indirectly involved with supporting, supplying information, or affecting the operation of emergency service organizations.

Volume II

Books — texts, training manuals, proceedings of conferences, technical papers, and handbooks that are in-print with information about price, availability, etc., in over 40 different emergency response subject areas.

Audiovisuals — videos, films, audio cassettes, slides, and transparencies helpful for emergency training listed by subject.

Periodicals — magazines, journals, newsletters, directories; includes all emergency publications issued regularly at least once every two years.

Computer software — census of software covering management of emergency departments, training, exam preparation, data bases, inventory control, networking, accounting systems.

Abbreviations — comprehensive list of abbreviations and acronyms commonly used in the emergency services.

The goal of Specialization Publication Services, Inc., in compiling the book was to provide the emergency services — fire, EMS, law enforcement, hazardous material handling, disaster and hazard reduction, search and rescue, industrial life safety, and loss prevention — with the sources they are most likely to consult for further information or assistance.

I was extremely impressed by the scope and amount of data present. A spot check indicated good coverage — a text I wrote on hazardous materials appears in the book section, the *Journal of Hazardous Materials* was found in the periodicals section, and a training course on hazardous materials I knew of was included. Clearly, one cannot in such a data gathering exercise guarantee compilation, of all the material available, but items I sought were found. Names, addresses and telephone numbers of information sources are given.

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Guidelines for Engineering Design for Process Safety, Center for Chemical Process Safety of the American Institute of Chemical Engineers, 345 E. 47th St., New York, NY 10017, USA, 1993, 556 pages, price US\$ 140.00, ISBN 0-8169-0565-7

Introduction — Chapter 1

This volume of safety in the process industry is designed to help engineers design a safe processing facility with inherently high integrity and reliability. It will also be of significant value and use to plant supervision and management in chemical, petrochemical, and hydrocarbon processing facilities, as well as to safety and accident prevention personnel, environmental process, industrial hygienists and nurses.

The scope includes avoidance and mitigation of catastrophic events that can impact people and facilities in the plant engineering area of concern.

Chapter 2 — Inherently safer plants

Inherently safer plants can be created and operated if the various unknowns or risks are anticipated and acted upon. The potential for major improvements is greater at the earliest stages of process improvements, hence the important role of the plant process engineer.

Once it is accepted that risk management is possible (as one important aspect or part of the process), risks may be classified as (1) inherent or intrinsic; (2) passive; (3) needing active or engineering controls; or (4) procedural, including operating response, and other 'good management' aspects. Examples of each strategy are noted