

Book Reviews

Lime for Environmental Uses, by K.A. Gutshick (Ed.), ASTM Special Technical Publication 931, ASTM, Philadelphia PA, 1987, ISBN 0-8031-0499-5, 147 pages, softcover \$29.00.

In 1985, an ASTM Committee held a symposium on the use of lime in environmental situations. It was a narrowly focussed symposium, but the 12 papers presented in the seminar covered the topic thoroughly. It was a timely topic because lime's use in the treatment of water, wastewater and SO₂-bearing air emissions has increased significantly in the past 20 years, while industrial use (in construction) has declined. Clearly, the environment is now an important market for lime (22.3% of total use) compared to its relatively small use (6.3%) in 1960.

Published papers dealt with lime's use in several media.

- gas: scrubbing/desulfurization/fixation
- solids: hazardous waste fixation; treatment of wastewater
- sludge: soil stabilization.

The papers in my area of competence – hazardous waste stabilization and sewage sludge treatment – were thoroughly read and appreciated. They were excellent.

Overall, it must have been a great seminar because it did produce a very good book.

GARY F. BENNETT

Training Aid Review – Compressed Gases in High Tech Facilities, Four VHS video training modules with corresponding training manuals: Module I: Health Effects – 26 minutes; Module II: Safe Handling Rules – 47 minutes; Module III: Hardware Systems – 30 minutes; Module IV: Cylinder Change and Purge Procedures – 20 minutes. Produced by Larry Fluer, MARSAM Co., 700 Aldo Ave., Santa Clara, CA 95054, 1986. Modules I, III and IV, \$750 each; Module II, \$1,000; all four modules \$3,000.

The legal as well as increased concerns for adequate training of personnel in technical matters has brought increasing awareness of the necessity for properly organized and presented information on a wide front. This program is intended to increase awareness of personnel in the health, physical aspects, hardware, administrative and personnel controls, and other necessary input,