

Bibliography on Air Pollution

•NATIONWIDE interest in air and water pollution is resulting in national and state legislative acts, local zoning ordinances, and other measures, many of which restrict such construction operations as crushing plants and hot-mix asphalt plants. The result is additional expense to the supplier of construction materials and ultimately to the public. Conflicting codes complicate the problem for contractors operating in two or more areas.

Members of the Committee on Highway Equipment recommended publication of a selective bibliography on air pollution as a reference for authorities responsible for setting air pollution standards. The Committee is indebted to H. I. Hansen and F. A. Renninger for assembling the bibliography.

A Compilation of Ambient Air Quality Standards and Objectives. U.S. Department of Health, Education and Welfare, Robert A. Taft Sanitary Engineering Center, Cincinnati, Ohio, May 11, 1965.

A Compilation of Selected Air Pollution Emission Control Regulations and Ordinances. U.S. Department of Health, Education and Welfare, Robert A. Taft Sanitary Engineering Center, Cincinnati, Ohio, May 11, 1965.

A Digest of State Air Pollution Laws—1966 Edition. U.S. Department of Health, Education and Welfare, Public Health Service Publ. No. 711, Washington, D. C.

Air Pollution—A National Problem. U.S. Department of Health, Education and Welfare, Public Health Service Publ. No. 975, Washington, D. C., 1962.

Air Pollution Control Through Proper Coal Utilization. National Coal Association, Washington, D. C.

Air Quality Monitoring, U.S. A. National Conference on Air Pollution, Dec. 1962, U.S. Department of Health, Education and Welfare, Washington, D. C.

Air Pollution Measurements of the National Air Sampling Network—Analyses of Suspended Particulates, 1957-1961. U.S. Department of Health, Education and Welfare, Public Health Service Publ. No. 978, Washington, D. C., 1962.

Air Pollution Standards for Asphalt Plants (Test Program to Date). Florida State Board of Health, Jacksonville, Aug. 1964.

Buffer Zone Study for Portable Asphalt Plants. Florida State Board of Health, Jacksonville, June 1964.

Current Guides for Prevention of New Air Pollution. New York State Air Pollution Control Board, Albany, June 1962.

Guide for Air Pollution Control of Hot Mix Asphalt Plants. National Asphalt Pavement Assn., Information Series 17, Riverdale, Maryland.

Measuring Air Quality. U.S. Department of Health, Education and Welfare, Robert A. Taft Sanitary Engineering Center, Cincinnati, Ohio.

Model Air Pollution Control Ordinance for Hot Mix Asphalt Plants (Part I), and Summary of Air Pollution Control Regulations (Part II). National Asphalt Pavement Assn., Information Series 17A, Riverdale, Maryland.

Pollution in the Air We Breathe. Consumer Reports, Vol. 25, No. 8, Aug. 1960, Consumers Union of U.S., Inc., Mt. Vernon, N. Y.

- Ringelmann Smoke Chart. U.S. Department of the Interior, Bureau of Mines Information Circular 8333, May 1967, Washington, D. C.
- Selected Methods of the Measurements of Air Pollutants. U.S. Department of Health, Education and Welfare, Public Health Service Publ. No. 999-AP-11, May 1965.
- Sulfur Oxides and Other Sulfur Compounds—A Bibliography With Abstracts. U.S. Department of Health, Education and Welfare, Washington, D. C., 1965.
- Troubled Air. U.S. Department of Health, Education and Welfare, Public Health Service Publ. No. 977, Washington, D. C., 1962.
- ✓ Butterworth, E. The Filtration of Dusts—Some New Approaches. *Manufacturing Chemist*, Jan. 1964, London.
- Cross, Frank L., Jr. Establishment of Air Pollution Standards for Asphalt Plants in the State of Florida. Presented at 10th Annual Convention, National Bituminous Concrete Assn., Miami Beach, Fla., Feb. 3, 1965.
- Cross, Frank L., Jr., and Ross, Roger W. Field Control of a Dolomite Plant. *Jour. Air Pollution Control Assn.*, Vol. 18, No. 1, Jan. 1968, Air Pollution Control Assn., Pittsburgh, Pa.
- Dixon, James P., and Lodge, James P. Air Conservation Report Reflects National Concern. *Science*, Vol. 148, May 21, 1965, American Association for the Advancement of Science, Washington, D. C.
- ✓ Grassmuck, Gerard. Dust Control in Drilling and Blasting. *Canadian Pit and Quarry*, Vol. 8, No. 8, Aug. 1967, National Business Publications Ltd., Gardenvale, Quebec, Canada.
- ✓ Levine, Sidney. What You Should Know About Dust Collectors. *Rock Products*, Vol. 68, No. 4, April 1965.
- ✓ Lewis, C. J. The Lime Industry's Problem of Airborne Dust. Presented at 64th Annual Convention of National Lime Assn., Phoenix, Ariz., April 5-6, 1966.
- Legal Aspects of Air Pollution. Proceedings, Rutgers Seminar, Rutgers—The State University, New Brunswick, N. J., May 6, 1967.
- ✓ Lewis, C. J., and Crocker, B. B. The Lime Industry's Problem of Airborne Dust. *Jour. Air Pollution Control Assn.*, Vol. 19, No. 1, Jan. 1969, Air Pollution Control Assn., Pittsburgh, Pa.
- ✓ Lynch, James J. Some Answers on Dust Control. *Rock Products*, Vol. 70, No. 5, May 1967.
- ✓ Lundberg, G. R., Jr. Summary of Dust Collection Systems in Asphalt Plants. Presented at 10th Annual Convention, National Bituminous Concrete Assn., Miami Beach, Fla., Feb. 3, 1965.
- McDermott, Walsh. Air Pollution and Public Health. *Scientific American*, Oct. 1961, W. H. Freeman and Co., San Francisco, Calif.
- McKee, Herbert C. Preferential Tax Treatment for Pollution Control Expenditures: Engineering Consideration. *Jour. Air Pollution Control Assn.*, Vol. 18, No. 9, Sept. 1968, Air Pollution Control Assn., Pittsburgh, Pa.
- Princi, Frank. Air Pollution—Facts and Fables. Presented at Annual Session, Texas Medical Assn., Dallas, April 30, 1963.
- Renninger, F. A. A Monitoring System for the Detection and Control of Airborne Dust. *National Crushed Stone Assn., Spec. Rept.*, Feb. 1966.
- Renninger, F. A. The Problem of Fugitive Dust in the Highway Construction Industry. *Highway Research Record* 173, p. 63-70, 1967.
- Tilson, Seymour. Air Pollution. *Science and Technology*, Conover-Mast, New York, June 1965.

- Threshold Limit Values for 1968. American Conference of Governmental Industrial Hygienists, St. Louis, Mo., May 13, 1968.
- Winkelman, Louis A. Emission Standards for the Control of Solid Particles—A New Approach by New Jersey. Jour. Air Pollution Control Assn., Vol. 14, No. 11, Nov. 1964, Air Pollution Control Assn., Pittsburgh, Pa.
- Yocom, John E. Air Pollution Regulations—Their Growing Impact on Engineering Decisions. Civil Engineering, July 23, 1962, McGraw-Hill Publishing Co., Inc., New York.
- Guide to the Prevention and Suppression of Dust in Mining, Tunnelling and Quarrying. International Labour Office, Geneva.
- Report of Dust Survey, Dresser Quarry and Plant. Bureau of Mines, 1966.
- Hankin, Montagu, Jr. Various Methods of Dust Collection at Stone Plants. National Crushed Stone Association, Jan. 1966.
- Handbook of Air Cleaning Particulate Removal. U.S. Atomic Energy Commission.
- Air Pollution Abatement Manual. Manufacturing Chemists' Assn., Inc., Washington, D.C.
- Hermann, C. C. Design of Hoods for Efficient Dust Control. Chemical and Metallurgical Engineering, Feb. 1946.
- Alden, J. L. Design of Industrial Exhaust Systems, Second Edition, Second Printing. Industrial Press, New York.
- A Digest of State Air Pollution Laws, 1963 Edition. U.S. Department of Health, Education and Welfare, Public Health Service.
- Madison, R. D. Fan Engineering, Fifth Edition. Buffalo Forge Co., Buffalo, N. Y.
- Soderberg, H. F. Keep That Crusher Dust Down. Metal Mining and Processing, Sept. 1964.
- Collins, James B. Dust Collectors, Their Design and Application to Asphalt Plants. Canadian Technical Asphalt Assn., 1962.
- Grassmuck, Gerard. Dust Control in Loading and Hauling. Canadian Pit and Quarry, Vol. 8, No. 12, Dec. 1967.
- Wright, Robert J. Dust Controlling in the Lime Industry. NLI Quarterly, Fall 1967.
- Rathur, James B., Jr. Air Pollution Control—A Review of the Current Situation. The Franklin Institute and ASTM, Nov. 1967.

SELECTED REFERENCES ON NOISE

- Botsford, James M. Control of Mining Noise Exposure. Mining Congress Jour., Aug. 1967.
- Berauch, Leo L., and Miller, Layman N., et al. A Symposium on Noise. Machine Design, Sept. 1967.
- Handbook on Noise Control. McGraw-Hill Book Co. Inc., New York.
- Maximum Noise Level for Army Material Command Equipment. U.S. Army Human Engineering Laboratories, Aberdeen Proving Ground, Maryland.
- Wiss, J. F., Hosking, P. C., and Berger, P. R. Now, What About In-Plant Noise? National Crushed Stone Assn., Jan. 1969.
- Stacey, John. The Big Sound Is Bad for You. Chicago Tribune, Aug. 4, 1968.
- Noise Control—Is Industry Willing to Pay the Price? Occupational Hazards, July 1968.