

psychiatrists, industrial physicians and personnel directors—are trying to bring together what is known about how to cope with emotional stress related to work and to apply that knowledge. In the past 50 years their work has been limited, slow and pitifully inadequate. This book documents that history and its contemporary stage. The authors are not professionals in the field of mental health. They are a group of earnest young businessmen who are curious for both a statement of the problem of mental illness in industry and some answers to it, and they have looked intensively into the field. This is the best summary we have to date of the contemporary scene in industrial mental health and it will probably stand as an up-to-date reference work for a number of years to come. The writers have performed an important service by accurately reflecting the state of the field and the degree of understanding and confusion within it.

-- Cond. from Foreword

Perhaps in the very nature of such a survey it is inevitable that the reader is left with a sense of superficiality and non-integration of materials; he has, however, been given a great deal of material for thought and discussion. With vigor and imperturbability (perhaps reflecting the pragmatic and action-oriented world of business which they have now entered) this young group has essayed an extraordinarily difficult task: exploring the complex worlds of psychiatry and industry, and attempting to throw a measure of light on the problems which hinder the melding of these two so different professional sub-cultures. To a very considerable degree they have succeeded.

-- Cond. from Review in Ind., Med. & Surg. 34, 349-350 (April, 1965) by Dr. John MacIver

- 528 Handbook on Aerosols. AVAILABLE FROM: Office of Technical Services, U.S. Department of Commerce, Washington, D.C. 20230. Publication STR-10-IN-147 pp. PRICE: \$2.75

This technical report containing previously classified information on aerosols has been released at the request of the Atomic Energy Commission so that methods developed for the use of military agencies may find a broader use. The document covers such problems as the formation and behavior of smoke clouds, analysis, protection against toxic agents, and the dispersal of insecticides. It contains 11 technical papers on such subjects as filtration, testing of smoke filters, micrometeorological instruments, aerosol stability, and the behavior of particles. Other chapters discuss the adsorption wave, optical properties of aerosols, aerosol formation, general meteorological principles, measurement of particle size and size distribution, travel and persistence of aerosol clouds, plus a chapter on the general properties of aerosols

-- J. Am. Soc. Safety Eng. 10, 28 (May, 1965)

- 529 Explosibility of Metal Powders. M. Jacobson, A. R. Cooper, and J. Nagy. U.S. Bureau of Mines, Report of Investigations 6516. AVAILABLE FROM: U.S. Bureau of Mines, Washington D.C. 25 pp. (1964). PRICE: Not Given.

This is a study of dust explosions of 313 elemental metals, alloys, catalysts, and ores comprising 54 types of materials. The data include ignition temperature, spark energy for ignition, minimum explosion concentration, explosion pressure, rate of pressure rise, and in some instances, admixed inert dust and oxygen concentration in the atmosphere required to prevent ignition of dust dispersions. The effects of particle diameter on explosibility and pyrophoricity are also discussed.

-- J. Am. Soc. Safety Eng. 10, 29 (May, 1965)

- 530 Fire Protection in the Chemical Industry. Safety Guide (SG-17). AVAILABLE FROM: Manufacturing Chemists Association, 1325 Connecticut Ave., N.W. Washington, D.C. PRICE: 20 cents.

This guide prepared as an activity of the Safety and Fire Protection Committee of the MCA, discusses basic principles of plant fire protection, fire protection measures, and includes an engineer's check list as a guide for use when assessing fire hazards and reviewing fire protection facilities of a chemical plant

-- J. Am. Soc. Safety Eng. 10, 27 (May, 1965)

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