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BOOK REVIEW

WALTERS, D. B., JAMESON, C. W. (ed.): **HEALTH AND SAFETY FOR TOXICITY TESTING**. — Butterworth Publishers, Boston — London — Sidney — Wellington — Durban — Toronto 1984. 339 pp. Hardcover £ 42.50.

The toxic effects of man-made and naturally occurring substances are of increasing concern. The number of laboratories testing toxic effects of chemical and physical agents has considerably increased during the last two decades. The objective of this book is to provide safety requirements for various laboratories testing the toxic effects of environmental chemicals. Most chapters in the book are adaptations of presentations from the symposium: Chemistry and Safety for Toxicity Testing of Environmental Chemicals, Las Vegas, 1982. The publication is arranged into four parts. Part I deals with requirements for the design of facilities in which toxicology testing will proceed. Chemical containment design criteria, design of a hazardous chemical handling facility, and human factor considerations in the handling of toxic chemicals are discussed. Part II focuses on the preparation of safety programs and documents and includes training and medical surveillance programs. Part III covers, among other topics, practical aspects of packaging and shipping of chemicals, laboratory hood performance in toxicity testing laboratories and industrial hygiene monitoring of chemical contaminants. The concluding part of this publication provides guidance on matters of hazardous waste disposal, e.g. chemical-contaminated waste management, an incinerator design and operation for disposal of chemical waste.

This book is essential to those engaged in all aspects of safety requirements in toxicity testing programs.

T. GIGNER (*Praha*)