

## **ABOUT THE AUTHOR**

Manual 47 Fuel and Fuel System Microbiology: Fundamentals, Diagnosis, and Contamination Control

### **FREDERICK J. PASSMAN**

Dr. Passman has over 25 years of experience in environmental-industrial microbiology. After receiving his A.B. in Microbiology from Indiana University, Dr. Passman entered the U.S. Navy, where he served as an Engineering Officer aboard a destroyer. He left active duty and entered the Reserves in 1973 in order to pursue his Ph.D. in marine microbiology at the University of New Hampshire.

Since 1973, Dr. Passman has conducted research and consulted to government and private industry on topics as diverse as composting municipal sewage sludge, U.S. EPA criteria for various groups of toxic substances in fresh-water systems, microbially enhanced oil recovery, and microbial contamination control in industrial process-fluids. Before founding BCA, Inc., in spring 1992, Dr. Passman was the Business Manager of ANGUS Chemical Company's Biocide Division. Dr. Passman is a member of the American Society for Microbiology, ASTM International, Biodeterioration Society, International Society for Stability and Handling of Liquid Fuels, Society for Industrial Microbiology, and Society for Tribology and Lubrication Engineering (STLE). He is an Associate Editor for *Lubrication Engineering*, Chair, STLE Annual Meeting Education Course committee and member of the editorial board for the *International Journal of Biodegradation and Biodeterioration*. Dr. Passman has received STLE's Wilber Deutsch Memorial Award for writing excellence. He has more than 30 publications to his name.

Dr. Passman's civilian career paralleled his Naval Reserve career, during which he served as the Selected Reserve Executive Officer of a minesweeper, the Selected Reserve Executive Officer of a destroyer and as Commanding Officer of five Naval Reserve Commands, including three training units, a naval control of shipping office and a military sealift command unit. During his Naval Reserve career, Dr. Passman was awarded four Naval Commendation Medals. He retired at the rank of Captain in 1998.

Dr. Passman has chaired a Task Group on Fuel Microbiology within ASTM Subcommittee D02.14 Stability and Cleanliness of Liquid Fuels since its inception in 1989. He has also received an ASTM Award of Appreciation for his efforts within D02.14. Dr. Passman is also an active member of ASTM Subcommittees E34.50 Health and Safety of Metalworking Fluids and E35.15 Antimicrobial Pesticides and has drafted ASTM Standards for each of these committees.