ABOUT THE AUTHOR

STP 169D Significance of Tests and Properties of Concrete and Concrete-Making Materials

JOSEPH LAMOND

Before establishing his own consulting practice in 1989, Joseph Lamond was employed by the U.S. Army Corps of Engineers for 32 years. Mr. Lamond received a BS degree in Civil Engineering from the University of Massachusetts in Dartmouth. He is a registered Professional Engineer in the Commonwealth of Massachusetts.

While with the U.S. Army Corps of Engineers as a Concrete Materials Engineer in the New England and Washington offices, he was involved in the design and construction of Army, Air Force, and Civil Works projects. The projects involved design reports on concrete materials, specifications, and construction evaluation. He managed the Corps' concrete materials criteria, guide specifications, testing, training, and research for structural, mass, roller-compacted, and pavement concrete.

Mr. Lamond was also the Engineering Director for the Pyrament Division of Lone Star Industries. He was project manager for chloride-induced corrosion in bridges for the National Academy of Sciences, Strategic Highway Research Program and consultant on the concrete durability programs.

Mr. Lamond is a fellow of ASTM International and an Honorary member of ASTM Committees C09 on Concrete and Concrete Aggregates and C01 on Cement. He was the recipient with Paul Klieger of the ASTM Charles B. Dudley Award as co-editor of *ASTM STP 169C Significance of Tests and Properties of Concrete and Concrete-Making Materials.* He serves on seven Subcommittees on Testing Concrete for Strength. He is a fellow of the American Concrete Institute and served on the Board of Direction.

Mr. Lamond continues his interest as an engineering consultant on concrete, concrete materials, and concrete construction and serves as an expert witness in litigation.

JAMES PIELERT

James Pielert worked in the steel industry as a Research Development Engineer from 1961 to 1971. He joined the National Institute of Standards and Technology (NIST) in 1971, working there until 2000. He managed the AASHTO Materials Reference Laboratory and the Cement and Concrete Reference Laboratory, which are located at NIST from 1983 to 2000. These laboratories provide programs for evaluating the quality of testing of construction materials in more than 1,200 laboratories worldwide. He went to work for the American Association of State Highway and Transportation Officials in 2000 and continued to manage these programs in conjunction with ASTM International until he retired in 2005.

Mr. Pielert received a BS degree in Civil Engineering from the University of Maryland and a MS degree from Lehigh University in Civil Engineering. He is a registered Professional Engineer in Maryland and Pennsylvania.

Mr. Pielert is an Honorary Member of ASTM Committees C09 on Concrete and Concrete Aggregates and C01 on Cement. He has chaired C01 and C09 Subcommittees on International Activities, and a C01 Subcommittee on Coordination of Standards. He is a fellow of the American Concrete Institute and the American Society of Civil Engineers (ASCE). He chaired the ASSCE Standard Committee on Condition Assessment and Rehabilitation of Buildings and has over 40 publications in the field of structural design and analysis, and construction materials technology.