



Seminar 3: Design, Selection, Installation, and Testing of Fire Pumps

This seminar will review the design of fire pumps, selecting capacity and head for optimum performance with the water supply available and the water demand, why the pump appurtenances are and need to be arranged in the manner called for in the standards (and maybe when they don't), fire pump testing with an emphasis on safety, and what all that data in the test report means. A "war story" or two may find its way into the session. The afternoon portion of the session will be a "hands on" experience at the test facility of SPP Pumps in Norcross, GA, about 11 miles from the conference site. Mr. Wills LaCrosse, of LaCrosse Engineering, will conduct this portion of the program along with Mr. Beale. Transportation to and from the SPP Lab will be provided.

Building and fire officials, contractors, and engineers who may be involved in the design, installation, or approval of fire pumps should gain important information and insight from this presentation.



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Sam Beale entered the Fire Protection industry quite by chance in 1964, when he began as a sprinkler system designer trainee at Georgia Sprinkler Company, Inc., while attending Georgia Tech at night. When he was not able to complete his ME Degree at Tech, he continued in the fire protection contracting business, becoming a Sales Engineer and Vice President at Georgia Sprinkler Company, and later at Merit Sprinkler Company.

When the State of Georgia recognized the discipline of Fire Protection Engineering in (about) 1981, Mr. Beale began the process of applying to take the examination for registration. Several years after becoming licensed as a P.E., he left the contracting side of the industry and opened the consulting firm of S. M. Beale & Associates on August 1, 1995.

Mr. Beale is a Member of the National Fire Protection Association (NFPA), as well as the Society of Fire Protection Engineers (SFPE). He has recently been named a Fellow of the association and has served locally as the Treasurer and as a Board Member of the Greater Atlanta Chapter SFPE.

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Please visit the website for conference costs and registration information.