
PROFESSIONAL PROFILE

Position: Vice-President - Engineering

Education: Bachelor Science of Physics 1973
Saginaw Valley State; Saginaw, Michigan

Master of Business Administration 1981
University of Dayton; Dayton, Ohio

Registrations: South Carolina, Kentucky/1975 and fifteen other states.

Experience:

Over 32 years of experience specializing in HVAC, plumbing and fire protection design. Responsible as South Carolina Deputy State Engineer for administrative and regulatory functions, engineering staff supervision and review of mechanical and fire protection disciplines. Certified Building Official in 1993 by the Council of American Building Officials. Certified Code Enforcement and Administration Professional in 1995 by the Southern Building Code Congress, also certified as Chief Building Code Analyst, Chief Electrical Code Analyst, Chief Mechanical Code Analyst and Chief Plumbing Code Analyst. Mr. Tyler is a member of ASRAE and the Southern Building Code.

HVAC, plumbing and fire protection design has included extensive piping experience in medical gases, oxygen, vacuum, air, industrial process water, deionized water, chilled water, steam, condensate, hot water, heating water, hot water, domestic water, sanitary, grease, acid waste, force mains, storm water, fire sprinklers, Halon, CO₂, natural gas, LP gas, oil, and diesel.

Work History:

Vice-President: July 1997 to Present
Pantech Consulting Engineers, Columbia, SC

Deputy State Engineer: February 1986 to June 1997
Office of State Engineer (OSE), Columbia, SC

Partner - Designer: July 1983 to June 1986
Reed Fulkerson & Associates, Columbia, SC

Design Projects:

Ducane Manufacturing Plant; Barwell, SC: HVAC, plumbing, air piping, and fire protection for a 160,000 sf new plant and office facility.

Mancor Carolina, Inc.; Lugoff, SC: HVAC, plumbing, air piping, welding fume filtration and fire protection for a new 50,000 sf plant addition and 50,000 sf renovation project.

Howden Fan Manufacturing Plant; Camden, SC: HVAC, plumbing, air piping, and fire protection for a 80,000 sf new plant and office facility.

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Fiber Concrete Products; Summerville, SC: HVAC, plumbing, air piping, gas piping, clean rooms, and fire protection for a 165,000 sf new plant and office.

Muskin Leisure Products; Midway, GA: HVAC, plumbing, air piping, gas piping, and fire protection for a new 120,000 sf plant addition, a new 5,000 sf office addition and a 50,000 sf renovation of the existing facility.

Agru/America Plastic Manufacturing Facility; Gerogetown, SC: HVAC, plumbing, air piping, gas piping, chilled water piping, and process piping for a 100,000 sf new plant and office facility.

Elan Technology Glass Manufacturing Facility; Midway, GA: HVAC, plumbing, air piping, cooling process water, gas piping for a new 80,000 sf new plant and office facility.

Savannah River Site Tritium Research Laboratory; Aiken, SC: HVAC, laboratory hoods exhaust, 100% outside air and fire protection for a new facility.

Mecklenburg Correctional Facility; Charlotte, NC: Fire Protection design for 275,000 sf correctional facility.

Cherokee County Law Enforcement Center; Cherokee County, SC: HVAC and plumbing for new court rooms, and law enforcement offices.

Northern Kentucky University; Covington, Ky: HVAC and plumbing for 7 dormitory buildings and common building with kitchen, dining, administrative offices, laundry, computer lab, conference rooms, and stores. Complex required two central plants with chillers, cooling towers, boilers, pumps and an underground distribution system for chilled water, high temperature hot water and domestic hot water.