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## **Curriculum Vitae**

### **EXPERTISE**

Over 45 years of Mechanical Engineering experience in the design, maintenance, and "hands-on" engineering experience. He has acted as a forensic consultant /expert witness since 1996, performing various duties for building Mechanical/HVAC and plumbing portions of the Industrial, Commercial, and Residential Buildings.

### **PROFESSIONAL ENGINEER STATES OF:**

Pennsylvania #044176 New Jersey #40497  
Delaware #10536 Maryland #21570 Florida # 85810

### **AREA OF EXPERTISE TO INCLUDE**

- HVAC Equipment: Heaters, A/C Units, Condensers, Ventilators, Cooling Towers.
- Buildings: Sick Building Syndrome (SBS), Outside Air Quality Requirements.
- Liquid and Compressed Gas Equipment: Regulators, Safety Relief Valves, Tanks, Cylinders.  
Safety Codes Interpretation. Cathodic Protection.
- Piping: PVC Plastic and PEX, Cast Iron, Steel, Copper, Underground Building Water and Gas.
- Plumbing: Faucets, Toilets, Drains, Tubs, Showers/ADA Showers. Plumbing Codes Interpretation.
- Pressure Vessels: Liquid Gas Cylinders, Steam Boilers, Pressurized Tanks, High-Pressure Piping.
- Pumps: Domestic Water, Sewage Ejectors, Sump Pumps.
- OSHA Requirements/Violations.

## **PROFESSIONAL EXPERIENCE**

October 1994      Pressman and Associates      Langhorne, PA  
to May 2023      **PROJECT MANAGER**

Project Management of Mechanical/Electrical/ Plumbing consulting engineering company. Coordinate work of a small staff of engineers and technicians. Conceptual design, schematic design, value engineering, and cost estimates. Develop design, specifications, and drawings for commercial, industrial, healthcare facilities, and correctional institutions.

March 1985 to      Olin Corporation/Winchester Group

September 1994      **SENIOR ENGINEER**

Lake City Army Ammunition Plant      Independence, Missouri  
Served as Project Engineer. Designed and installed various facility projects. Assisted in new construction and redesign of existing A/C system. Ensured compliance with U.S. Army Regulations, ASHRAE, and OSHA requirements. Developed design and/or purchase specifications. Forecast construction cost estimates. Supervised on-site contractor installation activities.

June 1983 to      Kansas Gas and Electric Company

November 1984      **HVAC INSPECTION ENGINEER**      Burlington, Kansas

Wolf Creek Nuclear Power Plant

Inspected and evaluated complete HVAC systems as built. Verified that the installation fully met the project design and specifications through the use of large and small bore pipelines.

March 1982 to      Daniel International Company

May 1983      **FIELD HVAC ENGINEER**      Fulton, Missouri

Callaway Nuclear Power Plant

Redesigned duct and piping layout. Altered specifications due to changes in requirements of heating, ventilation, and air conditioning. Incorporated Drawing Change Notices and the revision of existing drawings.

December 1980 to      Bechtel Power Company

February 1982      **FIELD HVAC ENGINEER**

Midland Nuclear Power Plant      Midland, Michigan

Participated in troubleshooting and problem-solving during heating/ ventilation equipment installation and duct/pipe layout installation. Prepared Drawing Change Notices.

Complied with SMACNA, AWS, and industrial HVAC specifications.

- Certificate of Liability Insurance: Liability \$1,000,000; Aggregate: \$1,000,000.
- Incorporated as Florida LLC.