

GARLAND PATTERSON JR., PE

EDUCATION

University of South Florida, Tampa, FL - Bachelor of Science in Mechanical Engineering (1969).

REGISTRATIONS & LICENSES

NCEES PE#12888

Florida Professional Engineer PE#14175

State Certified Air Conditioning CAC011666 (Inactive)

SUMMARY OF QUALIFICATIONS

Over 24 years of experience as a Professional Engineer and Mechanical Contractor. Areas of expertise include design/build applications ranging from rooftop package units to chilled water systems; design/build direct expansion variable air flow systems with custom manufactured air cooled chillers, and design/build experience with direct digital controls.

EXPERIENCE

GDP MECHANICAL INC, Tampa, FL - Self employed as a professional engineer and mechanical contractor involved in the design/build installation air conditioning and plumbing for commercial and industrial projects. Principal responsibilities included design, sales, project management and business administration.

Projects completed include:

Cypress West, Tampa, FL : Design and installed a variable air volume water cooled system with computerized controls in a 65,000 SF 3-story office building.

Premier North, Tampa, FL: Design and installed a variable air volume air cooled system with computerized controls in a 44,000 SF 4-story office building.

Hav-A-Tampa Cigar, Tampa, FL: Design and installed the air conditioning, a large 125 HP vacuum & baghouse system and a 75 HP compressed air system in an 80,000 SF manufacturing plant.

EvaTone Sound Sheets, Clearwater, FL: Design and installed the mechanical systems for an 82,000 SF manufacturing plant.

FORCON

INTERNATIONAL

WWW.FORCON.COM

Cintas Corporation, Orlando, FL: Design/build air distribution system and installed Trane Tracer control system for a 20,000 SF addition and renovation to the laundry plant.

Magnum Gun Range, Tampa and Orlando, FL: Renovation and design of indoor gun ranges. Firing line air velocities were critical to remove lead dust from shooting area. EPA compliance was achieved using HEPA filters.