



Michael J. Hahn, P.E., CIAQP, CBCP, LEED AP
CEO

LICENSED PROFESSIONAL ENGINEERING REGISTRATION:

- Florida, 1991 - #44271; Georgia, 1990 - #18733; Virginia, 2011 - #0402048554; Kentucky, 2012 - #28442; Alabama, 2015 - #35541-E

EDUCATION:

- BS Mechanical Engineering/1984 Georgia Institute of Technology, Atlanta, GA
- MS Mechanical Engineering/1987 Georgia Institute of Technology, Atlanta, GA

CERTIFICATIONS:

- Certified Indoor Air Quality Professional (CIAQP)
- Certified Building Commissioning Professional (CBCP)
- Leadership in Energy and Environmental Design Accredited Professional (LEED AP)

PROFESSIONAL EXPERIENCE:

- Over 37 years of experience in the mechanical engineering field
- Extensive involvement in chilled water, ice storage, VAV, laboratory ventilation, heat pump, & split systems
- Forensic Engineering and Expert Witness
- Involved in construction administration, cost estimating, bidding & negotiation of projects
- Commissioning Agent
- Licensed Energy Auditor
- Served as a Technology awards judge for ASHRAE on the national level
- Served as a graduate research/teaching assistant at Georgia Tech

AREAS OF EXPERTISE:

- HVAC Systems: Chilled Water, DX Systems, Ice Storage, Direct Digital Controls, Variable Air Volume, Constant Volume, Variable Pumping, Exhaust Systems
- Plumbing & Fire Protection: Sanitary, Domestic Water, Kitchens, Fire Sprinkler - Stand Pipe & Riser, Fire Pumps
- Energy Management: Energy Audits—Grant Applications & Administration, Utility Rebates
- Sustainable Design: Design & Commissioning Services
- Environmental Services: Clean Air Analysis, IAQ Remedial Engineering & Design, Mechanical/Electrical Coordination for Asbestos Removal
- Renewable Energy Systems: Solar Photovoltaic—Residential & Commercial, Solar Hot Water - Domestic & Power Generation, Geothermal HVAC & Power, Solar Absorption Chillers & Power Generation

PROFESSIONAL AFFILIATIONS:

- American Society Heating, Refrigeration and Air Conditioning Engineers (ASHRAE)
- American Society Mechanical Engineers (ASME)
- Association of Energy Engineers (AEE)
- National Fire Protection Association (NFPA)

PUBLISHED ARTICLES:

- *ASHRAE Journal* magazine article entitled "Fast-Track HVAC Conversion"