

DAVID A. WOJCIESZAK, P.E., C.I.A.Q.P., C.P.D.

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PROFESSIONAL OBJECTIVE

To enhance the engineering profession by providing sound economic and technical information based on personal experience and educational background.

EDUCATION

COLLEGE

Brown University, Bachelor of Science, Electrical Engineering (1977)

CONTINUING EDUCATION

Electrical

Lite Touch Training Seminar (1999)
Lutron-HomeWorks Interactive (1999)
McGraw-Edison Lighting Design (1983)
NECA Electrical Estimating Workshop (1977)
EC&M Conference on Electrical Construction (annually)

Heating, Ventilating & Air Conditioning

ASHRAE-Chilled & Condenser Water Pump Design (2001)
Energy Gauge FlaCom (2001)
Centrifugal Pump Theory (1997)
Carrier-HVAC Acoustics (1996)
FP&L Performance Testing Workshop (1995)
FSEC, Energy Efficient Homes (1993)
University of Wisconsin Thermal Storage Design & Analysis (1991)
Trane Air Conditioning Clinic (1989)

Plumbing

NFPA-Automatic Fire Sprinkler Workshop (1988)

Indoor Air Quality

Certified Indoor Environmentalist (2004-2006)
Certified Mold Remediation Seminar (2004-2006)
ASHRAE Building Envelope Seminar (2001)
University of Tulsa - Improving the Indoor Air Condition (1996)
University of Tulsa - Mold and Mildew in Hot Humid Climates (1994)
EPA Indoor Air Quality Seminar (1991, 1992, 1993)
Building Sciences – Mold, Mildew and Moisture (1991)
ASHRAE – Indoor Air Quality Seminar (1990)
Indoor Air Quality Conference (1989)

Miscellaneous

Chapman School of Seamanship – Master or Mate Training (2001)
Florida Law for Design Professionals (2000)
Construction Claims in Florida (2000)
FES Forensic Engineering Seminar (1996)
Palm Beach Jr. College – U.L. Fire Rated Assemblies (1985)

REGISTRATION

Certified in Indoor Air Quality (1992)
Certified in Plumbing Engineering (1992)
Certified in Plumbing Design (2007)
Registered Mechanical Engineer, State of Florida (1985) – License No. PE32091
Registered Electrical Engineer, State of Florida (1982) – License No. PE32091
Registered Electrical Contractor, State of Florida (1982) – License No. 519

PROFESSIONAL AFFILIATIONS

Indoor Air Quality Association Member (2004)
National Fire Protection Association (1988-Present)
General Contractors Board, Martin County, Florida (1987-2000)
American Society of Plumbing Engineers (1988)
International Association of Electrical Inspectors (1988)
Air Conditioning Contractors of America (1988)
National Society of Professional Engineers (1987)
Florida Engineering Society (1987)
American Society of Heating, Refrigeration and Air Conditioning Engineers
Member (1984)
Instructor Electrical Apprentices (1980-1984)

WORK EXPERIENCE

WOJCIESZAK & ASSOCIATES, INC.

President, 1982 to present

David began working as an independent consulting engineer in 1982. Wojcieszak and Associates was founded and incorporated in 1984. The firm provides full services in the mechanical and electrical disciplines. David assumes many responsibilities within the company, including sales, human resources, engineering design, and project administration. The firm has prospered under his control and is held in the highest regard of architects, other consultants, and end users.

ARLINGTON ELECTRIC, INC.

Estimator/Project Manager, 1977-1982

David graduated from college and began working with Arlington Electric. During his first year, he achieved a journeyman electrician's status which enabled him to supervise electrical construction for a variety of jobs. After the first year, David was moved into the office to assume the role of estimator/project manager. He held this job until his departure in 1982. The job encompassed all aspects of electrical construction including electrical design, estimating, materials procurement, and project management. David was responsible for fifty field employees who installed electrical work valued at two million dollars. During his tenure at Arlington Electric, he achieved the status of a state licensed electrical contractor and co-qualifier for the company. David left the company in 1982 to pursue his desire to become a consulting engineer.

ARLINGTON ELECTRIC, INC.

Electrician's Apprentice, 1973-1977

After graduating from high school, David attended college in 1973 in pursuit of a degree in electrical engineering. The job at Arlington Electric paralleled the collegiate course of study and helped reinforce his classroom studies. A major portion of his knowledge of the electrical industry was attained through his work as a delivery person. Equipment and material inventory also added to his education during this time.

PROFESSIONAL BACKGROUND

David has been a practicing Registered Professional Engineer since 1982. During this time he has realized the technical aspects of engineering are important. However, the ability to communicate these aspects to the client has proven to be more critical and challenging. David prides himself in achieving the skills to bridge the gap between engineering design and the client's project criteria. Technical knowledge and personal experience have provided an arena for David to develop a strong expertise in the mechanical and electrical disciplines. More importantly, he can easily communicate these technical issues to the client. His dual registration and construction experience has allowed him to become proficient in a variety of areas which are listed, but not limited, to the following:

Engineering Design

Project Types: Recreational, educational, institutional, commercial, water/waste water facilities, and high-end residences.

Design Disciplines

Fire Sprinkler

Plumbing

Electrical Power, Lighting, and Communication

Heating, Ventilating, and Air Conditioning

Administration Disciplines

Project Management
Cost Analysis
Energy Analysis
Cost Estimating - New or remodeled projects

Feasibility Studies
Building Commissioning

Indoor Air Quality

Building Surveys
Equipment Modification

Instruction

Certified Indoor Environmentalist Certification (IAQA)
Air Conditioning Module
ASHRAE 62 Module

Filtration Module
ASHRAE 55 Module

Legal Expertise

One aspect of being involved in engineering is the knowledge base one builds up over a period of time. This knowledge can be used to assist clients in determining the reason(s) of failure in many types of engineering applications. The primary focus is to mediate and correct the problems. However, in some instances, the legal system is called upon to initiate the resolution. David has assisted in this process with consulting services, deposition, and expert testimony in the areas of construction defects, electrocutions, cost analysis, and indoor air quality.

PERSONAL BACKGROUND

Birth Date: July 12, 1955
Birth Place: Panama City, Florida
Marital Status: Married, 32 years
Health: Excellent