

# DARCEE A. MCANINLEY, P.E., C.I.A.Q.P.

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## PROFESSIONAL OBJECTIVE

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To maximize human comfort within the indoor environment by using proven methods and innovative ideas while enhancing the engineering profession.

## EDUCATION

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### COLLEGE

Lehigh University, Bachelor of Science, Mechanical Engineering (1992)  
Lehigh University, Master of Science, Mechanical Engineering (1993)

### CONTINUING EDUCATION

#### **Indoor Air Quality**

Fundamentals of Indoor Air Quality (2003)  
Keeping the Inside In and the Outside Out Seminar (2006)

#### **Mechanical Engineering**

Laws and Rules (biannually since 2001)  
Significant Plumbing, Gas, & Mechanical Code Changes (2002)

## SCHOLARSHIPS

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Research Assistantship: Full tuition and research grant for graduate school.  
Pi Tau Honorary Society, (inducted Fall 1991)

## LICENSES AND CERTIFICATIONS

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Licensed Mechanical Engineer, State of Florida (2002 - present) – Lic No. PE58108  
Certified in Indoor Air Quality Professional (2003 - present)  
Association of Energy Engineers Member (2003 – present)  
Building Officials Association of the Treasure Coast, Associate Member (2002)

## WORK EXPERIENCE

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### WOJCIESZAK & ASSOCIATES, INC., STUART, FLORIDA

#### *Mechanical Engineer, 1995 to present*

Responsible for signing and sealing her work related to HVAC and plumbing design. She manages projects from the initial client contact through the construction and start up of the building. She writes contracts for building surveys pertaining to mold and mildew. She performs these surveys, makes recommendations to building owners on cost effective means to resolve the problems. Main objectives in designing systems are to find ways to promote high

levels of indoor air quality while staying within budgets. She also performs building commissioning of HVAC systems to improve system performance under indoor air quality guidelines.

**MARTIN COUNTY BOARD OF COMMISSIONERS, STUART, FLORIDA**

*Project Engineer, 6/95-1/96*

Assisted the owner's representative during the reconstruction of a highly contaminated and highly publicized building; the Martin County Courthouse. Verified that the renovated mechanical systems were furnished and installed per the design documents. Verified pay requests. Assisted the mechanical contractor with record drawings to assure that the owner was delivered accurate drawings for future reference.

## **PROFESSIONAL BACKGROUND**

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Darcee has been working in the construction industry as an employee in an engineering firm for over thirteen years. She has been a licensed engineer in the mechanical engineering field for seven of those years. In the early years, her focus was to learn the technical aspect of HVAC, plumbing, electrical, and fire sprinkler design. She quickly learned that being technically knowledgeable was not nearly as important as being able to clearly convey technical ideas to clients.

Her technical ability combined with her proven communications skills has been the secret to her success. She is able to work with people of all personality types. Her diplomacy is one of the reasons she has developed so many loyal, returning clients.

She now supervises projects, is active in business sales, has helped grow the company locally, nationwide and overseas and continues to bring new technical and managerial ideas to fruition. All of this experience has allowed her to become proficient in a variety of areas which are listed, but not limited, to the following:

### **Engineering Design**

Project types: Educational, institutional, commercial, and high-end residential

Disciplines: HVAC, plumbing, electrical, and fire sprinkler

### **Additional Functions**

Project management

Cost analyses, energy analyses, feasibility studies

Building commissioning

Building surveys