

Ryan C. Todaro, PE, MRSA

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Experience

2019 – Present Cx4b; Commissioning for Buildings, LLC Coral Springs, FL

Project/Design Engineer

- Marketing focused on repeat clients due to foundation of solid relationships.
- Offering a diverse array of services within area of expertise and certifications.
- Mechanical and Plumbing design. Replacement, new construction, and renovations that correct an underlying deficiency in the existing system.
- Specializing in Chiller, Cooling Tower, Pump and Air Handling Unit replacement.

2015–2019 Rimkus Consulting Group Deerfield Beach, FL

Senior Consultant – Mechanical Forensic Engineer

- Evaluated HVAC system design, installation, and maintenance to determine cause of failure and methods of repairs.
- Cause and origin of high indoor relative humidity; evaluation of building thermal envelope and performance of A/C systems
- Construction Defect Evaluations; recommended engineering solutions
- Mechanical System and Plumbing System Failures and Design Evaluation
- Mold Assessments / Cause and origin / Remediation Protocols
- Water Intrusion / Humidity Control Evaluations and improvements

2007–2014 Florida Heat Pump / Bosch Fort Lauderdale, FL

Senior Design Engineer and Senior Technical Application Engineer

- Technical development of new water source heat pump product lines, which included testing, development through testing, and certifying products
- In the technical application engineering role, custom selections of equipment were developed for individual project specific requirements. 100% outside air system sizing and selections was a large part of that role

2005 - 2007 TLC Engineering for Architecture Deerfield Beach, FL

Design Mechanical Engineer

- Mechanical and Plumbing Design
- Chiller and cooling tower projects; new construction and renovations
- Energy Analysis; Cooling load calculations
- Alternate designs offered to owner/client.

2003 - 2005 The Estopinal Group Jeffersonville, IN

Mechanical Engineer

- Developed CAD Details and Standards.
- Mechanical and Plumbing Design
- Cooling Load Calculations

Education

1997 - 2002 University of Purdue Indianapolis, IN

- BSME Mechanical Engineering.

Interests

Scuba Diving, bike riding, time with the family