

## Mechanical Designer

### ► Position Summary

Working within the mechanical department under the guidance of the project engineer, the qualified candidate will be responsible for initiating and developing mechanical drawings and specifications from inception through completion for assigned projects in compliance with applicable codes and design program criteria established by our clients and by in-house Cleary Zimmermann design standards.

### ► Position Responsibilities

- Perform HVAC load calculations
- Select major HVAC system components, including air handlers, package units, fans, chillers, boilers, cooling towers, pumps and other ancillary equipment
- Design of HVAC ducts and related products
- Design of hydronic piping systems
- Development of system control strategies
- Possess knowledge of the current codes and standards including ASHRAE, International Building Codes, NFPA and TDSHS
- Attend design and/or construction meetings as required
- Coordinate with other in-house design disciplines; including electrical and plumbing
- Document design decisions, meetings and instructions from client while maintaining good client relations
- Maintain well organized files and provide documentation for permanent record files
- Review all project documents for accuracy and completeness

### ► Minimum Qualifications

- High School (minimum)
- Two Year Technical Degree or Four Year Non-Technical Degree (preferred)
- Minimum 2 years of specific MEP industry experience
- Experience with Revit
- Experience with Trane Trace
- Specific experience within the healthcare, education, commercial, federal and light industrial sectors