



Mechanical Engineer

Job Type: Full Time (M-F; 8AM-5PM)

Company Overview:

For over four decades, E & S Construction Engineers, Inc. has provided experienced and exceptional mechanical consultation services to high end clientele, nationwide. Our company is a MEP engineering firm specializing in retail, restaurant, mixed use, office, multi-family residential, and institutional market sectors. E & S strives to promote a healthy work/life balance for our employees by offering comprehensive benefits (listed below) along with competitive compensation, bonus opportunities, and the opportunity for faster career growth. Join us for the opportunity to be an integral member of our team, working on diverse and challenging assignments!

Responsibilities:

- Preparation of superior quality mechanical construction documents including drawings, specifications, and reports. Perform quality work that promotes client retention.
- Performing site survey of existing system conditions for interface of new designs with existing mechanical systems.
- Design HVAC and Plumbing systems including all associated equipment, ductwork, piping, and specifications. Perform HVAC load calculations, duct/pipe sizing, and any other calculations required to support the mechanical design. Work closely with equipment vendors and manufacturers' representatives for selection and specification of appropriate equipment.
- Review mechanical documents for areas of conflict with all building systems.
- Close coordination with the client and the entire design team, including owners, architects, contractors, members of other disciplines, and internal support staff to ensure:
 - the design is consistent with the client's vision/standards
 - a fully coordinated interdisciplinary design
 - the design schedule is maintained
- Play an active role in project meetings with clients and colleagues.
- Provide mentoring and guidance for colleagues.
- Travel required at times; based on job (status, progress, etc.) & employees willingness to travel.

The above list is intended to describe the general requirements of this job and is in no way to be construed as exhaustive.

Minimum Qualifications:

- 4 year degree in Mechanical Engineering or equivalent experience.
- Excellent oral and written communication skills.

- Exceptional organizational skills with ability to effectively prioritize multiple tasks.
- Capable of grasping and retaining mechanical design principles and working independently.
- Desire to work in a fast-paced team environment to complete tasks accurately and efficiently.
- Strong computer skills and attention to detail. Proficiency with AutoCAD and Revit.

Preferred Qualifications:

- Five to seven years of previous mechanical design experience with an MEP engineering consultant.
- Possess or have desire to obtain Engineer-Intern (EI) and/or Professional Engineer (PE) licenses in Mechanical Engineering.
- HVAC load calculation experience (Proficiency using Carrier HAP or Trane Trace).
- Proficiency in applying requirements of applicable mechanical, plumbing, building, and energy codes.
- Project management and leadership skills, capable of driving the successful completion of projects is a plus.
- Able to work with minimal supervision.
- LEED Certified.

Benefits:

- Paid Holidays
- Paid Vacation & Sick Time
- Employer paid Medical Insurance
- Employer sponsored Dental/Vision Insurance
- Life Insurance
- Short term & Long term Disability plans
- 401K Plan (Traditional or Roth; employee selected) with Safe Harbor Contributions
- Health Savings Account with Employer Contributions for in-state employees
- Professional Licensing Support
- Continued Education Program