

Mechanical Engineer – Rapid City, SD

Skyline Engineering is a full service MEP consulting firm located in the Black Hills of Western South Dakota. We are a dynamic and growing company of innovative thinkers with a solid reputation of providing quality engineering services to our clients. This position is a career opportunity for a talented Mechanical Engineer with a minimum of 3 years experience in facility plumbing, piping and HVAC systems design. The ideal candidate would be a professional engineer and with a strong commitment to personal and professional development.

The successful candidate must demonstrate a working knowledge base and work experience in plumbing, piping and HVAC systems for commercial, healthcare, educational and federal facilities. Responsibilities include ability to work within a multidisciplinary design team from project inception through all phases of design and construction. Demonstrated ability to effectively use REVIT for complete project delivery preferred.

Skyline offers a competitive salary and comprehensive benefits package as well as a challenging, stimulating and supportive work environment with opportunity for professional development and growth.

Key Responsibilities

- Work effectively within a multidisciplinary design team from project inception through all phases of design and construction. Ability to recognize and meet client needs is paramount.
- Plan, schedule and execute engineering tasks in a timely and efficient manner.
- Prepare mechanical engineering calculations and design work.
- Selection, calculation, design and specification of
 - Building Interior Plumbing systems
 - Hydronic and steam piping systems
 - HVAC systems and equipment selections and application.
- Ensure quality and completeness of project meet design scope and intent.
- Timely and accurate execution of load calculations, equipment selection and scheduling, cost estimating, and other project requirements.
- Construction administration, including shop drawing review, processing construction documentation (RFI, RFP, CO), along with site observation and reporting.
- Prepare and present economic analysis and other system studies to clients and company management.

Qualifications

- United States citizen.
- Bachelors Degree in Mechanical Engineering.
- Successful passage of the Fundamentals of Engineering exam preferred with minimum 3 years experience in applicable facility design with capability and intention of future PE licensure.
- Demonstrated knowledge of design and construction work sequencing for commercial building projects.
- Working knowledge of model building codes, the NFPA, regulations and other requirements relevant to mechanical systems selection, specification and design.
- Familiarity with mechanical analysis and design programs such as Trane Trace, HVAC solutions, AFT Fathom, GLD, and similar software tools.
- Superior communication, presentation and documentation skills (oral and written).
- Project investigation and construction administration require moderate lifting and ability to negotiate obstacles on construction jobsites.
- Highly organized with an ability to meet project schedules and deadlines.
- Experience with fire protection system design and application.
- Healthcare design and marketing experience preferred.
- AutoCAD and especially Revit skills beneficial.

Send resume, salary history and references to skyline@skylineltd.com or fax to (605)737-3859.