

JOB ID: ESLME2101

# Senior Mechanical Engineer

East St. Louis, IL

Hurst-Rosche has an opportunity for a **Mechanical Engineer** based out of our **East St. Louis, IL** office. We are an integrated design firm that unites a dynamic team of architects, engineers, surveyors, and industry specialists driven to help solve our clients' greatest challenges. Position duties will include:

- Maintain Client contact and communications on projects. Lead project teams on MEP projects. Prepare reports on project progress.
- Perform designs of ductwork, piping, equipment selection for HVAC systems or plumbing, fire protection systems for building design, independently for smaller/less technical projects; and provide supervision of other engineers for complex projects.
- Calculate heating and cooling loads, layout and design ductwork and piping using computer software.
- Supervise CAD production drawings of HVAC systems from schematic to construction design phases with the support of dedicated technical staff as needed.
- Prepare and edit specifications relating to existing or new projects.
- Specify mechanical equipment such as boilers, chillers, and air handling units.
- Review submittals and shop drawings for compliance of specifications and contract documents. Participate or lead value engineering sessions with Architectural/Engineering team.

Qualified candidates must have a Bachelor in Mechanical Engineering or Bachelor of Architectural Engineering (Mechanical Systems focus). **Minimum of 4 years of related experience and a Professional Engineer License are required.** Must have good verbal and written communication skills. Familiarity with Revit, Trane Trace, or similar platforms preferred. Excellent written & verbal communication skills are essential. Projects frequently require physical inspection of site and may be done independently.

Hurst-Rosche recognizes the value of diversity in our workforce. We are committed to equal opportunity. We consider all qualified employment applicants without regard to race, religion, color, gender, age, national origin, sexual orientation, gender identity, partnership status, protected veteran status, disability, or any other status protected by federal, state, or local law.