

JOB ID: HME2201

Sr. Mechanical Engineer

Hillsboro, IL

Hurst-Rosche has an exciting opportunity for a **Senior Mechanical Engineer** based in our **Hillsboro** 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. We are focused on government public work. This includes federal, state, county, and local agencies and forms of government. As a result, much of our work is either energy conservation focused or verified by certification.

- 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.
- Prepare CAD production drawings of HVAC systems for studies, schematic, and construction design phases with the support of 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 A/E team.

Qualified candidates must have an ABET accredited Bachelor of Mechanical Engineering or Bachelor of Architectural Engineering (Mechanical Systems focus). A Professional Engineer License is required for all applicants. Familiarity with Revit, Trane Trace, or similar platforms preferred. Excellent written & verbal communication skills are essential. Site visits frequently require physical inspection of site and may be done independently.

As a condition of employment, all employees are expected to complete continuing ed and compliance training, within required timeframes and adhere to internal policies.

Hurst-Rosche offers a dynamic, collaborative and rewarding environment while providing the flexibility to balance your personal and professional life. We offer a competitive salary and benefits package, bonus plan, matching 401k, affordable health, dental, and vision coverage, paid life insurance and short-term disability coverage.

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.