

Overview

ESI Inc. of Tennessee, an employee-owned company, is seeking a **Senior Mechanical Designer** to join our team in Kennesaw, Georgia. The position requires a minimum of ten years of experience in mechanical layout design.

Senior Mechanical Designer

Responsibilities:

- Provide design expertise working with piping and instrument diagrams, drafting sketches for 2D or the modeling of 3D equipment for power systems including: steam generation, boiler feed and condensate, water treatment, fuel handling, ash handling, conveying systems and air and gas systems
- Prepare and design complex 2D and 3D large assembly mechanical production drawings to facilitate timely and cost-effective construction of project utilizing CAD Software
- Review the contract scope documents, codes, permits prior to beginning work on a project and at various times during the project as required to ensure compliance
- Review multi-discipline drawings for conflicts and provide practical solutions for construction related problems
- Provide technical expertise, guidance and training for less experienced personnel
- Review mechanical bid packages for compliance
- Attend weekly project meetings as required
- Adhere to schedules and work assignments with a minimum amount of supervision

Requirements:

- Associates or Bachelor's Degree in a Mechanical Engineering discipline and/or equivalent work experience
- Must have knowledge of ASME design codes
- Must have strong leadership and teamwork abilities to work with multi-discipline teams
- Proven track record of providing effective engineering and design solutions
- Must have knowledge of vessel fabrication including inspection of vessels, piping and construction and generally accepted standards for process related equipment
- Demonstrated ability to carry a project from conception to construction
- Self-motivated with keen attention to detail understanding fundamental design and drafting standards
- Excellent written, oral, organizational, and interpersonal communication skills to effectively handle numerous assignments
- Proficient using complete Microsoft Office Suite (Word, Excel, Outlook, etc.)
- Must have AutoCAD 2D experience, 3D experience a PLUS

Company



ESI Inc. of Tennessee is a design engineering and construction firm that specializes in steam and power generation facilities. We are the **Steam & Power SPECIAL FORCES®** providing clients with innovative, cost-effective, and environmentally-friendly solutions.

For additional information, please visit our website at www.esitenn.com.

ESI is an employee-owned company that offers competitive salaries, a complete benefits package, 401K matching, educational reimbursement, and works only a half-day on Fridays.