

Overview

ESI Inc. of Tennessee, an employee-owned company, is seeking talented **Mechanical Engineers** to join our team in Kennesaw, Georgia. This position requires a **Bachelor of Science in Mechanical Engineering and one to five years** of experience in the design and construction of steam and power generation plants or a related field.

Junior Mechanical/Pipe Stress Engineer

Responsibilities:

- Primary Responsibilities
 - Equipment sizing, selection and evaluation
 - Develop heat and mass balances
 - Drafting of Process Flow Diagrams and P&ID's
 - Travel to the field as needed throughout the duration of the project
- Secondary responsibility will be performing stress analysis of high pressure and temperature piping systems
 - Sizing, specifying and purchasing engineered pipe supports

Requirements:

- Bachelor of Science in Mechanical Engineering
- One to five years of experience in the design and construction of steam and power generation plants **OR** an industrial/manufacturing field
- A strong desire to increase skills and progress in responsibility and positions within the company
- Experience writing equipment specifications for some of the following a PLUS: pumps, material handling systems, ash handling systems, boilers, heat exchangers, air pollution control equipment, compressed air systems, turbine generators and piping systems
- Proficient in Excel- able to build calculation spreadsheets and formula functions with ease
- Proficiency using AutoCAD or related software
- Experience and proficiency with pipe stress analysis software such as Autopipe (preferred) or Caesar II a PLUS
- Knowledge of piping materials, components and support systems a PLUS
- Experience in the design of piping systems meeting ASME Section I, B31.1 or B31.3 Codes a PLUS
- Experience in Autocad Smart P&ID a PLUS
- Specific experience working for an EPC firm involved in steam and power projects would be a PLUS
- EIT 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.