

Overview

ESI, an employee-owned company, is seeking a talented **Junior Mechanical Engineer, EIT** to join our team in Kennesaw, Georgia. The position requires a Bachelor of Science in Mechanical Engineering and an interest in the design and construction of steam and power generation plants.

Junior Mechanical Engineer, EIT

Responsibilities:

- Coordinate engineering for steam and power generation projects
- Equipment sizing and selection for some of the following: pumps, material handling systems, ash handling systems, boilers, heat exchangers, air pollution control equipment, water treatment, compressed air systems, turbine generators and piping systems
- Design of piping systems meeting ASME Section 1, B31.1 or B31.3 piping codes
- Maintain pipeline lists, valve lists, and piping specialty items lists
- Develop heat and material balances
- Research other relevant codes and standards and interpret compliance with rules
- Travel to the field as needed throughout the duration of the project

Requirements:

- Bachelor of Science in Mechanical Engineering
- An interest in the design and construction of steam and power generation plants
- Experience with general arrangement (GA) drawings and P&IDs
- Knowledge of piping materials of construction and stress analysis
- Experience with power boilers, steam turbines, combustion turbines, and heat recovery steam generators a PLUS
- Specific experience working for an EPC firm involved in steam and power projects would be a PLUS
- EIT License 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 offers competitive salaries, a complete benefits package, a hybrid work model and only works a half-day on Fridays.

ESI is an equal opportunity employer. Background screen and substance abuse testing is a condition of employment. ESI does not sponsor employees for immigration benefits or immigration status.