

Overview

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

Senior Mechanical Engineer

Responsibilities:

- Successful candidates will have experience in the design and construction of steam and power generation plants
- Coordinate engineering for steam and power generation projects
- Equipment sizing and selection
- Maintain pipe line 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
- Ten or more years of experience in the design and construction of steam and power generation plants
- Experience with Gas Turbines and Combined Cycle plants a PLUS
- Experience writing equipment specifications for some of the following: pumps, material handling systems, ash handling systems, boilers, heat exchangers, air pollution control equipment, compressed air systems, turbine generators and piping systems
- Experience with general arrangement (GA) drawings and P&IDs
- Understand piping materials of construction and stress analysis
- Experience in the design of piping systems meeting ASME Section 1, B31.1 or B31.3 piping codes preferred
- Experience with package or power boilers, steam turbines, combustion turbines, heat recovery steam generators or combined cycles preferred
- Experience with analyzing high temperature and pressure piping systems a PLUS
- Experience using AutoCAD software a PLUS but not required
- Specific experience working for an EPC firm involved in steam and power projects would be a PLUS (experience could also come from a related OEM or Utility)
- EIT and PE 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.