



AC Corporation

Job Description

Title: Engineer – Mechanical

Location: Greensboro, NC

Reports to: Engineering supervisor

Responsibilities include:

- Read and interpret blueprints, technical drawings, schematics, and computer-generated reports.
- Confer with engineers and other personnel to implement operating procedures, resolve system malfunctions, and provide technical information.
- Research and analyze customer design proposals, specifications, manuals, and other data to evaluate the feasibility, cost, and maintenance requirements of designs or applications.
- Specify system components or direct modification of products to ensure conformance with engineering design and performance specifications.
- Research, design, evaluate mechanical products, equipment, systems and processes to meet requirements, applying knowledge of engineering principles.
- Investigate equipment/system failures and difficulties to diagnose faulty operation, and to make recommendations to correct failures.
- Provide drafters with design of products, using drafting tools or computer-assisted design/drafting equipment and software so fabrication and installation drawings can be developed.
- Provide feedback to project managers, management on customer problems and needs related to design and code issues.
- Oversee installation and repair to ensure that systems and equipment are installed and functioning according to specifications.
- Assist engineering supervisor with maintaining ASME welding logs and implementation of new welding procedures.
- Design HVAC and Plumbing systems to meet current code and the client's needs.

Knowledge and skills:

- Field experience would be beneficial
- In - depth working experience of the construction industry
- Computer literate: Excel, Word, Bluebeam, Autodesk -AutoCad, Autodesk -Revit
- 10 to 12 years' experience designing HVAC systems
- Plumbing design experience

Human relations skills:

Position deals with the following people:

- Customer – design review meetings and analyzing systems
- Project managers
- Shop and field supervisors
- General contractors and other subcontractors
- Equipment and materials vendors