

Mechanical Engineer



Department:

Operations

Immediate Supervisor:

Mechanical Engineer

Location:

Houston, Midland or Clyde Texas

Job Description:

The Mechanical Engineer (SME) will be able to take a design from conception to completion with little or no supervision. Must be able to work well as a member of a team, give instructions to junior engineers, designers, meet client expectations, and deliver projects by given deadlines.

Position Duties/Responsibilities:

- Experience utilizing software tools such as Caesar, Promax and Inventor
- Develops and review mechanical specifications for equipment pertinent to execution of the job
- Participates in project meetings at the request of the Project Manager
- Conceptual and detailed specification or design of mechanical equipment including, but not limited to, pumps, compressors, pressure vessels, tanks, pipes, valves, and fittings
- Works with other engineering and design staff in the development of Piping and Instrument Diagrams (P&ID's) for each project
- Competently review equipment drawings and constructions documents
- Accurately evaluate SOW to estimate staffing requirements, equipment needs, and other related costs for RFPs to active or potential clients
- Projects assigned by the Engineering Manager, Director of Operations, or upper management
- This is not an all-inclusive list of job responsibilities

Qualifications:

- Bachelor's degree in mechanical engineering, or in related field.
- Seven (7) to Ten (10) + years related experience required.
- Intermediate to Expert skills in Excel
- Strong analytical and problem-solving skills with quick responses to new issues.
- Ability to work on multiple projects at one time, prioritize tasks, and delegate when appropriate.
- Experience with pipeline hydraulics, pipe stress or HVAC is a plus
- Valid driver's license

Work Authorization:

- HPF Consultants is not currently sponsoring employment visas for this position.

Physical Requirements:

- Prolonged periods of sitting at a desk and working on a computer.
- Must be able to sit, stoop, prolonged walking during field trips
- Must be able to lift-up to 15 pounds at times.

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