

Job Description

Process Engineer

GENERAL CONSTRUCTION (GC)

When you join our team, you are in the right place for your career growth and to utilize your talents and potential. we are a full Engineering, Procurement, Construction, and Maintenance (EPCM) company serving clients in Oil & Gas, Mining & Metal, Petrochemical, Power, Civil Infrastructure, Water industries in U.S. and around the world.

Servicing our customers through our diverse business divisions, we offer challenging assignments on some of the world's largest and most complex projects. Our clients value us because they know we could deliver. General Construction is headquartered in Houston, Texas and has opportunities throughout the U.S., Canada, Mexico and China.

General Construction Group is looking for a **Process Engineer** for our Houston office. Job duties will include but not be limited to the following:

Roles & Responsibilities:

- Act as project technical focal point for all matters relating to process/production.
- Analyze daily reported production data, signal trends, etc. and production loss control data sheets and trend information.
- Support manufacturing operations by creating manufacturing sequences whereby raw materials are converted and/or assembled into quality finished products.
- Report to and advise the Operations on a regular basis on production loss control issues.
- Review detail design, HAZOP/HAZIP safety, new products and analyze engineering prints of items to be manufactured.
- Determine the most efficient and cost effective method when reviewing and creating process plans/routings, instructions, methods, procedures, tooling, etc. required to manufacture of the finished products.
- Specify equipment and machines to be utilized, routings and stages of operation, new tools, component parts, and/or requests purchase or design of additional tooling as required.
- Analyze and provide directions for manufacturing for product and process improvement or development.
- Responsible for review of project designs and recommendation of changes to design so that projects are safe and operable.
- Liaising with and providing guidance to the offshore management aiming to maximize efficiency of overall production operations & individual process equipment availability thereby ensuring set targets are achieved or exceeded.
- Participate and promote Zero Accident HSE work culture.
- Enforce HSE regulations and adheres to current codes and standards.
- Participate in proposal preparation activities if required.
- Ensure that work being performed is within scope of services and within budget.
- Coordinate with client representatives to obtain approval on work as it is accomplished.
- Responsible for on-the-job training of owner's personnel, if required.

Professional Certification: PE Registration desired

Experience: Five (5) to fifteen (15) years of hands-on experience.

Education: BS or MS of Chemical Engineering/Petroleum Refining.

Intermediate to advanced computer hardware/ software literacy. Knowledge of electrical, process, mechanical, HVAC and instrumentation industries desirable (engineering, fabrication, testing, installation and start-up). Proven experience and track record of accomplishment with excellent oral & written communication skills.

Benefits:

General Construction Group offers a selection of competitive lifestyle benefits which could include a 401K plan with company match, pension, medical, dental, vision, life insurance, flexible spending account, disability, paid time off, or flexible work schedule. We support career advancement through professional training and development.

EOE:

General Construction Group is Equal Opportunity Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, or protected veteran status and will not be discriminated against on the basis of disability.