



Position Profile: 2254

Project Engineer

St James Parish, Louisiana



Prepared By: **ECIG**

This position profile has been compiled by ECIG to identify and hire for the specified role. The following is provided for your personal information and should be kept confidential.



PROJECT ENGINEER [2254]

This position is responsible for the effective project construction to achieve safe, reliable, and cost-effective installations to the plant. The Project Engineer is responsible for independently overseeing and managing the successful engineering, construction, and completion of small to mid-size capital projects for our client's Styrene manufacturing facility in the greater Baton Rouge area. The position leads teams to achieve safety, quality, budget and schedule performance to deliver projects at the lowest cost and highest functionality at the manufacturing facilities.

COMPANY INFORMATION: [WEBSITE <https://ecigrouponline.com/engineering-services/>]

Founded in 1977 ECI Group Inc. [ECIG] provides world-class engineering solutions to clients around the world, with have a long history of designing and developing industrial facilities and process plants for the production of fuels, chemicals and polymers. With core technical skills focused on the development and design of a range of processes, we continually embrace new technologies and innovative project methodologies which have contributed to our success in this field. Our full-service offering covers all Engineering discipline including Process, Mechanical (Machinery/Vessels), Piping and Pipe Stressing, Plant Layout, Electrical, Control & Instrumentation, and Civil & Structural. Our engineering services expertise includes:

- Concept Development - feasibility, cost estimates, front end design, basic engineering
- Detailed Design - multidisciplinary integrated design of petrochemical plants to IFC; Use of HVEC and specialist design partners, site operational troubleshooting and consultancy.
- Owner's Engineer - Project Management, contractor evaluation, due diligence, technical reviews
- Safety Critical Engineering - SIL/LOPA, relief systems, HAZOP chair, thermal and vibrational stress analysis, design for high pressure / toxic / corrosive service

BENEFITS AND FEATURES

- ✓ Full Benefits Package - health, dental, vision insurance.
- ✓ Company paid short & long-term disability and life insurance
- ✓ Flexible Spending Plans, Education Reimbursement, Dependent Care Spending Plan
- ✓ 401K Retirement Plan
- ✓ Hybrid Work Schedules

OUR CLIENT:

Our client is a leading integrated producer of polystyrene and styrene monomer, offering solutions and services to customers in a variety of global markets. Our client is taking a leadership role on long-term sustainability and development of the circular economy for plastics. They believe that in-kind recycling, where products are returned to their original application and original quality, is the future of long-term sustainability. Their long-term vision is that polystyrene products should never be landfilled but reclaimed, reprocessed, and reused again and again.

YOUR ROLE WITH THE COMPANY:

In this position you will be a contract employee at our client's facility for a long-term contract assignment. The successful candidate will serve as a Project Engineer for capital and expense projects of all sizes using the client's Project Delivery Work Process. This position also provides

ECI GROUP

FOR MORE INFORMATION CONTACT:

Kathryn "Kate" Wilhelm, PE

Director of Global Recruitment

985 264 6709

kwilhelm@ecigrouponline.com

technical support to the Production and Maintenance Departments. You will work closely with Production, Maintenance, Environmental, Health and Safety teams to develop and execute capital plans for the St James facility.

Project Management:

- Oversee the project scope, budget, and schedule of capital project(s), including preparation and implementation of Project Execution Plan.
- Lead FEL process, completing stage gate reviews, and obtaining management approvals.
- Lead contracting negotiation strategy; manage contractor evaluation, bid, and award process with support from Purchasing.
- Coordinate resources to perform up front engineering and development of estimates.
- Manage project requests and backlog. Confirm accuracy of cost estimates as well as monthly cash flow forecasts.
- Develop, gain approval for, and manage to project KPI's and metrics.
- Lead development of a risk management plan.
- Prepare and give presentations to various levels of Company management and other stakeholders.

Project Engineering:

- Accountable for engineering activities from basic engineering to detailed engineering through start-up, to meet the target start-up dates, budget, facilities engineering design integrity, and HSE performance for the project.
- Provide technical direction to contractor staff to ensure compliance with philosophies, codes and standards and delivery of the project goals.
- Establish and lead processes to ensure the engineering and design integrity is not compromised during the design, construction execution and commissioning phases.
- Provide technical support to the operations team during preparation for start-up and up to normal operation.
- Coordinate Peer Reviews and Peer Assists as required.
- Contribute to establishing common engineering codes and standards.
- Maintain and update unit technical records including the establishment of new equipment files, the organization of relief valve specifications and calculations and the updating of training materials for the unit.

Team Management:

- Assemble a full-time team to effectively execute the project.
- Review credentials and provide approval for personnel provided from contractors' organizations.
- Understand contracts and manage contractors to maximize performance, control costs and minimize claims and change orders.
- Ensure plant Operations and Maintenance personal are engaged and that they understand their responsibilities.

HSE Leadership:

- Set safety expectations for the project and lead the team to achieve safety goals. Serve as job representative and address all safety issues that arise with contractors brought on site for the execution of capital projects to deliver best-in-class HSE performance.
- Lead, audit, or participate in safety reviews (HAZOPs/HAZIDs/SIL reviews) and incident investigations to identify root causes and corrective recommendations to prevent reoccurrence.



- Support Process Hazard Analysis, Layers of Protection Analysis (LOPA), Management of Change (MOCs).
- Update engineering standards, required drawings, and records and final documentation of project changes to maintain proper integrity management.
- Ensure technical resolution of all resultant recommendations from major unit HAZOP studies and other safety audits.
- Provides work direction for contractors assigned to support projects (Safety, QA/QC, Schedulers, Cost Controllers, Project Coordinators).

BACKGROUND PROFILE:

- Bachelors of Science in Engineering required
- 2 to 4 yrs experience in the petrochemical industry
- 1 to 2 yrs experience in a project engineering role
- Experience working in petrochemical facilities
- Ability to interact effectively with the operations and process engineering areas to plan turnaround execution and prioritize projects
- Ability to communicate effectively with all levels of the organization - written, verbal, presentations, etc.
- Track record of developing long term solutions for operations and maintenance problems
- Highly organized and detail oriented.
- Knowledge of engineering contracting and project execution contracting/strategy
- Experience in applying process safety management (PSM) and process hazard analysis to address safety aspects of major projects

COMPENSATION:

- ✓ Competitive Based on Experience