



Position Profile: 2210

Process Engineer

BATON ROUGE, LA



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.



Process Engineer [2210]

The world’s leading specialist engineering contractor for low-density polyethylene (LDPE) and ethylene vinyl acetate (EVA) projects has an immediate need for a **Process Engineer** to manage the engineering work processes, tools, and the quality of the engineering deliverables and to execute the assigned engineering work ensuring that it is executed in a timely and cost effective manner. The role will involve leading teams on larger jobs and also managing smaller consultancy, feasibility studies as required.

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 – hazard studies, FEA, DCS/SIS, flare systems, as-built drawings
- 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

YOUR ROLE WITH THE COMPANY:

- This position reports directly to the Process Engineering Section Leader **Kyle Cokerham** [<https://www.linkedin.com/in/kyle-cockerham-a332aa132/>]
- Provide active oversight of project engineering work including technical support, technical quality assurance, technical design/project reviews and prevention of over design. Implement lessons learned across projects and contribute to consistency of approach across projects.
- Work with other Principal Process Engineers and Global Lead to integrate and develop a common understanding and work practice across multiple locations.

ECI GROUP

FOR MORE INFORMATION CONTACT:

Kathryn “Kate” Wilhelm, PE

Director of Global Recruitment

985 264 6709

kwilhelm@ecigrouponline.com

- When required act as Project manager or Lead engineer on specified projects / proposals in accordance with Company Management System.
- Implement assigned engineering work within the budget and project timescale.
- Prepare engineering deliverables in accordance with Company Management System, current legislation, project requirements and international standards. Check deliverables produced by others.
- Apply in-depth knowledge to resolve complex or unusual engineering and design problems.
- Provide technical information in support of the project team.
- Attend technical design/project reviews to ensure compliance with customer's needs and QHSE requirements.
- Participate in the development of project engineering budgets and schedules.
- Identify lessons learned from the project and communicate to others. Manage the scope of engineering work to eliminate cost / time growth.
- Identify any project scope growth and correctly document it and apply the project procedures for cost and time reimbursement.

Commercial

- Manage the scope of engineering work to eliminate cost / time growth.
- Identify any project scope growth and correctly document it and apply the project procedures for cost and time reimbursement.
- Identify project risk and address risk mitigation measures.
- Identify, communicate and implement cost reduction and schedule improvement opportunities.
- Seek to improve project and team efficiency so as to improve upon budget and schedule while retaining technical quality and safety.

Customer

- Recognize Business development opportunities and identify them to the Management team.
- Ensure discipline support to project manager, as well as timely cross discipline support.
- Understand customer needs and ensure that they are being satisfied.
- Active communication with all customers to promote clear understanding.
- Develop good customer relationships (internal and external).

Internal

*Other Engineering Discipline Engineers
Project Control Engineers
Project/Proposal Managers
Purchasing*

*Business Development
Non-Technical Disciplines (e.g. Project Finance,
HR)*

External

*Client (Project manager / engineers)
Equipment Vendor Representatives*

Subcontractor Representatives

Technical Knowledge

- Maintain knowledge of the latest standards, legislation, products and practices relating to the relevant engineering discipline to reinforce professional competency.

- Identify and present training and learning opportunities (both individual and departmental) for consideration.
- Work with other Principal Process Engineers and Global Lead to ensure the organization retains and develops the key skills and knowledge for continued success.
- Provide mentorship to younger/junior engineers within the organization.
- Provide input into the selection and recruitment of new staff to meet the business needs. Coordinate, influence and lead the activities of the discipline engineering team.
- Promote a team environment of mutual respect with open communication, celebration of success and provide frequent positive reinforcement.

COMMUNITY INFORMATION:

- ✓ Baton Rouge is the 2nd largest metropolitan area in Louisiana and is a hub for major industrial, petrochemical, medical, research and motion picture and growing technology center of the American South.
- ✓ The home to LSU, the Port of Greater Baton Rouge (10th largest in terms of tonnage shipped)
- ✓ Located just 79 miles from New Orleans two professional sports teams (Saints – NFL, Pelicans – NBA) and New Orleans’ world-renowned distinct music, Creole cuisine, unique dialect, and its annual celebrations and festivals, most notably Mardi Gras.
- ✓ ECI Group’s Corporate office is conveniently located off the I-12 and Sherwood Forest Blvd S. exit.



BACKGROUND PROFILE:

- Bachelor’s Degree Chemical Engineering is required.
- Chartered Engineer (non-US) or Professional Engineer (US),
- 5-10+ years of experience in various process engineering, operations or other technical roles with at minimum of 5 years in a multidisciplinary petrochemical design environment.
- 5-10 years of experience with LLDPE and HDPE technologies/licenses preferred
- Good command of, and experience with, industry standard process simulation tools (e.g. Aspen EDR/Plus/HYSYS etc.).
- Site experience (e.g. operations, commissioning, process optimization, debottlenecking etc.).
- Up-to date knowledge of key process design and engineering techniques and their applications.
- Up-to date knowledge of relevant international standards for petrochemical process plants.
- Creative problem definition and problem-solving skills.
- Excellent technical and non-technical communication skills, both written and oral.
- Ability to lead large teams of multi-skilled engineers. Must be capable of working a part of a close-knit small core team as well as being self-reliant with the confidence to make decisions acting on their own initiative.
- Working knowledge of fixed and rotating equipment.
- Organized with the ability to support multiple concurrent projects.
- Knowledge and understanding of industry codes, product safety standards, regulations, etc.

- Comfortable with occasional opportunities for international travel.
- Membership of a relevant Institute (e.g. AIChemE, IChemE etc.).

Preferred Skills

- 15+ years of experience in various process engineering, operations or other technical roles with at least 10 years of experience in a multidisciplinary petrochemical design environment.
- Site experience (e.g. operations, commissioning, process optimization, debottlenecking etc.).
- Working knowledge of fixed and rotating equipment.
- Knowledge of maintenance, operations and engineering activities within the wider petrochemical industry

COMPENSATION:

- ✓ Competitive Based on Experience