



Position Profile: 2220

Sr. High-Pressure Polyethylene Technology Engineer BATON ROUGE, LA



Prepared By: **ECIG**

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Sr High-Pressure Polyethylene Technology Engineer [2220]

The world’s leading specialist engineering contractor for low-density polyethylene (LDPE) and ethylene vinyl acetate (EVA) projects has an immediate a need for a **Senior High Pressure Polyethylene Technology Engineer**. As part of the ECI Group *International Technology Expertise Center (ITEC)*, the purpose of the role is to provide engineering, operational and technology expertise to the technology development, technology support and licensing activities around High-Pressure Polyethylene (LDPE and HP Copolymers).

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 around 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 Working Schedules

YOUR ROLE WITH THE COMPANY:

- Functionally reporting to the Global Technology Leader
- Provide status reports on different areas as required by its functional leader and/or President.
- Be part of ECIG’s International Technology Expertise Center (ITEC), a worldwide leader providing in-house technology solutions to customers in the plastic industry.
- Coordination of the Technology Support Agreement (TSA’s) when assigned.
- Maintain updated Technology guidelines and documentation
- Participate as Technology Representatives to different projects where ITEC provides HP PE technology
- Implement assigned engineering, support to operations, technology implementation and development as assigned.

ECI GROUP
<p>FOR MORE INFORMATION CONTACT: <i>Kathryn “Kate” Wilhelm, PE</i> <i>Director of Global Recruitment</i> <i>985 264 6709</i> kwilhelm@ecigrouponline.com</p>

- Coordinate the project activity as assigned.
- Lead and coordinate activity with customers when assigned as Activity Coordinator for the management of Technology Support Agreements.
- Typical activities that incumbent may participate or lead:

<ul style="list-style-type: none"> ✓ Technology support ✓ Technical Annexes ✓ HAZOP / LOPA ✓ Feasibility Studies utilizing ITEC technology ✓ PDPs support 	<ul style="list-style-type: none"> ✓ Design Guidelines ✓ Technology Manual ✓ Operations Manual ✓ Maintenance Manual ✓ Quality Manual 	<ul style="list-style-type: none"> ✓ Control Narratives ✓ Technical Training ✓ In-plant training ✓ Commissioning Guidelines ✓ Start up support & Performance Test
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- When assigned, provide Start UP support to ITEC related projects
- Comply with and ensure compliance with the Company Management System and QHSE requirements.

Customer Interface:

- Support Business Development group in the areas of licensing and new project prospects.
- Support Engineering Services division as required
- Support Management team as required

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:

- + 10 years of experience in HP PE, in the areas of research, technology, operations and capital projects
- Experience working with multicultural and multi-country teams
- Knowledgeable of performance base management process
- Experience with employee career development process
- Knowledgeable with improvement process
- Strong organizational and problem-solving skills, and attention to detail
- Excellent communication skills and customer face-to-face soft skills



- Substantial relevant engineering/management experience in the oil & gas, petrochemical, and renewable industries. Working knowledge of LDPE/EVA and polymer engineering.

COMPENSATION:

Excellent Compensation Packages based on Experience and Education.