

Position Profile: 2221

Senior PE Mechanical Technology Engineer

Remote



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.

Senior Mechanical Technology Engineer [2221]

As part of the ECI Group International Technology Expertise Center (ITEC), the purpose of the role is to provide mechanical engineering, reliability and technology expertise to the technology development, technology support and licensing activities around High-Pressure Polyethylene (LDPE and HP Copolymers), other PE technologies (e.g. Gas Phase PE, Slurry PE) and Advanced Recycling technologies.

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

YOUR ROLE WITH THE COMPANY:

- Functionally reporting to the Global Technology Leader
- Will provide status reports on different areas as required by its functional leader and/or President.
- Coordination of the Technology Support Agreement (TSA’s) when assigned.
- Lead mechanical engineering activities when assigned.
- Maintain updated Mechanical technology guidelines and documentation
- Participate as Technology Representatives to different projects where ITEC provides technology
- When assigned, provide Start UP support to ITEC related projects
- Comply with and ensure compliance with the Company Management System and QHSE requirements.

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

- Be part of ECIG’s International Technology Expertise Center (ITEC), a worldwide leader providing in-house technology solutions to customers in the plastic and advanced recycling industries.
- Implement assigned mechanical engineering, reliability support to operations, technology implementation and development assigned to him.
- Coordinate the project activity assigned to him.
- 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:

Technology support	Operations Manual
Technical Annexes	Maintenance Manual
HAZOP / LOPA	Quality Manual
Feasibility Studies utilizing ITEC technology	Control Narratives
PDPs support	Technical Training
Design Guidelines	In-plant training
Technology Manual	Commissioning Guidelines
	Start up support & Performance Test
- Support Business Development group in the areas of licensing and new project prospects.
- Support Engineering Services division as required
- Support Management team as required

BACKGROUND PROFILE:

- Bachelor’s Degree Mechanical Engineering is required.
- + 10 years of experience in Plastic industry, preferentially PE or PP, in the areas of maintenance, reliability, 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
- Coordinate, influence and lead the activities described in previous sections.
- Promote a team environment of mutual respect with open communication, celebration of success and provide frequent positive reinforcement.

COMPENSATION:

- ✓ Competitive Based on Experience