Sr. Engineer  
MA-Woburn, United States  
**Group:** Eng Materials Group N. America  
**Job Family:** Engineering  
**Job ID:** 10917-1A  
**Posted:** 2018-07-31  

< Return to Search Results  
Apply Now  

Org Marketing Statement  
PARKER CHOMERICS is a global supplier of EMI shielding, thermal interface materials, plastics and optical products. We offer a worldwide network of applications engineering support, manufacturing facilities, and sales offices. With stocking and fabrication on five continents, our products are available anytime, anywhere. With Headquarters in Woburn, MA, Parker Chomerics is part of a global Fortune 500 company but has a small company feel. We thrive on high performance teams that are empowered to make decisions on both a big and small scale. We strive to make a positive impact on the lives of our employees by establishing an inclusive, caring and friendly work environment. We encourage the continued education and skill development of our teams and offer advancement opportunities at a global division. If you’re looking for a fast paced, collaborative environment where you can be at the cutting edge of engineering solutions, look no further.  

Department Marketing Statement  
Solving the world’s greatest engineering challenges is a responsibility we take seriously, and one that requires more than just the brightest engineers in the world. It takes accountants, customer service specialists, supply chain managers, information technology specialists and manufacturing professionals. Our global success is based on a simple equation. An empowered workforce operating in an environment that is open and friendly breeds ideas and solutions. We encourage and trust our employees to pursue ideas, and more importantly, we listen to them. When we win, we recognize employees and team achievements by providing career growth opportunities with a global company.  

Essential Functions  
Analyzes, researches, designs, and tests component parts, processes, or systems to develop new and/or improve core products. Designs products or systems of diverse/difficult scope and complexity using engineering principles based on assigned engineering domain. Develops and recommends solutions to a variety of complex engineering requirements to ensure that design objectives are met, including required program scope, cost and schedule constraints.  
1. Develops complex conceptual and detailed design specifications by analyzing product performance and customer requirements. Investigates design factors such as function, materials, performance, interchangeability, non-recurring and recurring cost, operational efficiency, and contractual requirements. Performs diverse and complex product development, modification, and evaluation of components, subsystems, and systems by applying engineering principles and developing new or unique analysis tools as required.  
2. Applies scientific analysis and mathematical models to predict and measure the outcome and consequence of design alternatives. Interprets and validates test results for accuracy and precision. Oversees and monitors product acceptance procedures and parameters to achieve customer and product reliability and safety standards (e.g. failure analysis). Utilizes and interprets predictive models to simulate and verify design concepts.  
3. Completes technical project elements as assigned. Develops critical data and analysis necessary to present technical product and/or system proposals to customers. (e.g. create and run design 4.  
Contributes to the completion milestones associated with specific projects (e.g. create functional diagrams and system layouts; review detailed drawings and schematics; define data structure, interfaces and programming logic; analyze material requirements; research customer data item requirements). Maintain efforts within defined cost and schedule constraints, including statusing and root cause/corrective actions of associated variances. May act as Control Account Manager for projects applying Earned Value Management.  
5. Reviews product specifications and/or modifications to ensure clarity, completeness, form, fit, function, and conformity to standards and procedures. Troubleshoots design errors, omissions, and other deficiencies, and recommends revisions, engineering change orders, and improvements to engineering management or the project team.  
6. Provides technical information for review with product engineering

http://parkercareers.ttcportals.com/jobs/2953320-sr-engineer
teams applying consistent engineering practices, standards, and documentation methods (e.g. structured design process; customer design reviews). Writes supporting documentation for procedures and technical reports. 7. Conducts complex analyses and devises tests to validate performance in the development of new products, methods, materials or processes. Completes required documentation, generates detailed reports, creates customer proposals and presentations and/or change proposals. Determines required actions, performs or directs completion of tasks, and publishes findings and/or results. 8. Compiles and analyzes operation, test, and research data, develop acceptance, engineering evaluation, development and qualification/certification test plans, procedures, and reports. 9. May communicate with customers to identify new business opportunities, present Parker product capabilities, and clarify customers’ technical requirements. May write technical proposals for customers by reviewing and interpreting specifications and requirements. 10. Mentors or serves as a resource to share specialized knowledge with others. Establishes goals and objectives and tracks performance required to complete projects. 11. Updates professional and technical knowledge by attending educational workshops, reviewing technical publications, and/or participating in professional associations.

**Qualifications**

- Bachelor or Masters of Science degree in engineering discipline “Plastic Engineer, Mechanical Engineering, Material Science”
- Demonstrated ability to perform the essential functions of the job typically acquired through 7-9 years of related experience. Minimum of 5 years of experience in a Process Engineering role within a manufacturing environment of thermoset and/or thermos plastics
- Experience in compression and/or injection molding manufacturing
- Experience defining control plans for Thermoset or Thermoplastics materials
- Experience in the execution of Design of Experience initiatives
- Six Sigma green or black belt, a plus
- Proficient with standard project management tools and practices

The above description is not intended to be an all-inclusive list of duties and responsibilities. It is intended to describe the general nature of the position.

**Equal Employment Opportunity**

Parker is an Equal Opportunity and Affirmative Action Employer. Parker is committed to ensuring equal employment opportunities for all job applicants and employees. Employment decisions are based upon job related reasons regardless of race, ethnicity, color, religion, sex, sexual orientation, age, national origin, disability, gender identity, genetic information, veteran status, or any other status protected by law. U.S. Citizenship/Permanent Resident is required for most positions. (“Minority/Female/Disability/Veteran/VEVRAA Federal Contractor”) If you would like more information about Equal Employment Opportunity as an applicant under the law, please go to http://www.eeoc.gov/employers/upload/eeoc_self_print_poster.pdf and http://www1.eeoc.gov/employers/upload/eeoc_gina_supplement.pdf

APPLY NOW

< Return to Search Results

http://parkercareers.ttcportals.com/jobs/2953320-sr-engineer