



Corporate Office:  
51 Technology Drive  
Anderson, SC 29625  
Phone: 864.328.0008  
[www.poly-med.com](http://www.poly-med.com)

**Part A - General Position Information**

Job Title: Process Engineer	Department Name:	Reports to:	FLSA Status:
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**Part B – Company Information**

**About Us:**

Poly-Med is the leading developer of bioresorbable polymers and fibers. We help innovative medical device companies focused on improving patient outcomes. Poly-Med designs, develops and manufactures superior materials to get customer products to market in the most efficient manner with the greatest improvement to quality of life. Located in Anderson, South Carolina, Poly-Med, Inc. has been recognized as a leader in the industry for over 20 years. Poly-Med continues to grow in a multitude of medical device modalities. Our novel materials are key in actively enabling products ranging from vascular stents, hernia meshes, dental delivery systems, dental hygiene, and a variety of wound closure applications in the worldwide medical device market.

For additional information, visit our website at [www.Poly-Med.com](http://www.Poly-Med.com).

**Our Team:**

We employ a widely diverse team comprised of experts from material science, polymer engineering, mechanical engineering, bioengineering, biology, business marketing, and project management to create a work environment focused on solving tough medically related problems. Our team is energetic, resourceful, and, above all, collaborative. We are searching for like-minded talent to build on our success and continue our quest to improve patient outcomes through novel polymeric and drug delivery systems.

**Part C - Position Information**

**Description:**

Work along with Manufacturing and Operational Managers to develop, implement, monitor and maintain efficient manufacturing processes and workflow. Evaluate current processes, design and conduct research programs for process optimization, equipment changes to increase efficiency and yield. Support manufacturing operations (i.e. equipment, current process troubleshooting).

**Responsibilities:**

- Lead Internal products to develop new and improved polymer manufacturing processes.
- Monitor and analyze data from processes and experiments.
- Troubleshoot problems with polymer manufacturing processes.
- Evaluate polymer equipment and processes to identify ways to optimize performance while ensuring compliance with safety and environmental regulations
- Prepare estimate of production costs and production progress reports for management.
- Determine most effective process design of operations such as mixing, crushing, heat transfer, distillation, and drying.
- Perform tests and monitor performance of processes throughout stages of production to determine degree of control over variables such as temperature, density, specific gravity, and pressure.
- Lead projects that focus on cost reduction, line balancing, capacity calculations and continuous improvements.

**Required/Preferable Knowledge, Skills and Abilities**

- Manufacturing and Process environment experience
- Workplace experience with Lean tools and methodologies (Process Management, Standard Work, Root-Cause Problem- Solving (including methodologies like Six Sigma).
- Manufacturing best practices (Lean, TPM)
- Collaboration and building partnership
- Results-oriented and driven to achieve goals.

**Education/Experience Requirements:**

- Minimum of a Bachelor's Degree in Engineering. Preferably in Polymer/Plastic or Manufacturing Process Engineering Fields.
- A minimum of 5-7 years in a polymer or process engineering position.

**Environmental Requirements:**

Must be able to adapt to multiple indoor work environments (shared office space, shared lab space and production areas).

**Physical Requirements:**

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| <input checked="" type="checkbox"/> Sitting  |
| <input checked="" type="checkbox"/> Standing   |
| <input checked="" type="checkbox"/> Walking  |
| <input checked="" type="checkbox"/> Climbing/Balancing   |
| <input checked="" type="checkbox"/> Reaching – with Arms and Hands                             |
| <input checked="" type="checkbox"/> Stooping/Kneeling/Crouching/Crawling                       |
| <input checked="" type="checkbox"/> Talking  |
| <input checked="" type="checkbox"/> Hearing  |
| <input checked="" type="checkbox"/> Feeling/Touching   |
| <input checked="" type="checkbox"/> Vision – Close, Peripheral, Depth, Ability to Adjust Focus |
| <input checked="" type="checkbox"/> Other: Ability to lift 50 plus pounds.                     |

**If you are interested in working with us, please email your resume; tell us a little about who you are and what makes you want to join our team to [recruiting@poly-med.com](mailto:recruiting@poly-med.com).**