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## Manufacturing Process Engineer

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Porex is currently accepting resumes for a Manufacturing Process Engineer. This position is responsible for providing engineering support to production of molded porous plastic products.

Additional duties include:

- Improving the effectiveness of the manufacturing process and equipment. Areas of improvement also include process capability, safety, ergonomics, quality, throughput, productivity, waste reduction and maintainability.
- Supporting the operations in the areas of root cause analysis and corrective action to process, equipment, and plant related problems.
- Managing multiple projects related to continuous improvement.

To apply for this position, click on the link: [Manufacturing Process Engineer](#)

### Essential Job Functions include:

1. Document production equipment and processes to improve manufacturing process control, safety, quality efficiency and maintainability of existing products. Document manufacturing method definition with settings and adjustment limits with appropriate documentation.
2. Support manufacturing operations in trouble shooting existing products and processes to minimize scrap and waste and assure reliable manufacturing capability.
3. Utilize Six Sigma methodology to make improvements to process to improve process capability & quality.
4. Responsible for optimizing plastic molding process variables such as mold design, heating, cooling, ergonomics, material and environmental conditions.
5. Respond to manufacturing problems or product non-conformances by using various quality tools to identify root cause with DOE analysis, determine most effective solutions and implement corrective actions.
6. Identify and improve manufacturing profitability through productivity improvement, waste reduction and safety improvement.
7. Work with the Tooling Department to optimize production tooling requirements and design
8. May be responsible for the supervision and accountability of the quality and quantity of work performed by manufacturing engineering technicians, as well as training, project assignments and annual performance reviews

### Qualifications

**Education:** Bachelor's degree or equivalent training and/or experience, with focus on chemical, mechanical, industrial, or polymer engineering.

**Experience:** 8 or more years of experience related to manufacturing environment and some supervisory experience. Excellent problem solving skills. Excellent organizational skills; good written and verbal communication skills. Must possess strong work ethic and project management skills.

### Other skills and abilities required include:

1. Knowledge of plastic materials.
2. Experience with plastics processes
3. Hands-on experience and ability to troubleshoot complex manufacturing equipment.
4. Good understanding of heat transfer systems.
5. Ability to organize and interpret data to isolate manufacturing problems and determine trends.
6. Ability to manage and supervise junior engineers and/or engineering technicians.
7. Strong knowledge of Six Sigma, DOE and statistics
8. Strong understanding of Lean Manufacturing principles
9. Ability to work with and lead teams

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