

# JG Plastics Group, LLC

## JOB DESCRIPTION

Position: **SENIOR PROCESS TECHNICIAN**

Date: 10-23-19

Reports to: Vice President-Operations

Approved by: Dale Balough

### **Purpose and Scope:**

- The Senior Process Technician is a “hands-on” position that focuses on optimization of manufacturing equipment and processes to produce high quality injection molded products. The Senior Process Technician is responsible for coordinating the molding efforts on new program launches, setting up and/or revising manufacturing processes and assisting manufacturing staff with problem solving and continuous process improvements. The Senior Process Technician shall monitor the effectiveness of production processes, and quantify, document and present findings to management. This position also mentors and provides training and guidance to all injection molding personnel.

### **Duties Include:**

- Develop new processes, assess and document new and existing processes. Implement and evaluate changes to existing processes designed to improve quality, productivity and equipment efficiency.
- Provide technical leadership, training and mentorship to process technicians, operators and other molding personnel.
- Develop and maintain process documentation ensuring that processes and procedures (including DHR records) are clearly explained and understood by production employees.
- Provide technical support/solutions to manufacturing processes, improve yield and throughput, drive cost reduction activities and improve part quality.
- Monitor and document issues with injection molds, and make recommendations for repair and refurbishment based on production requirements.
- Implement technical solutions to meet customer cost, quality and delivery expectations
- Responsible for technical training of all Molding Technicians and associated molding and QC personnel.
- Establish, validate and periodically review process parameters for all molding jobs.
- Maintain flexible work hours to complete critical mold trials and process validations.
- Perform Process Capability studies and documentation as required for new tooling and other production equipment.
- Assist with the planning, purchase, installation and qualification of new production equipment including: injection machines; automation and robotics; material handling; and related auxiliary equipment systems.
- Identify and implement continuous improvement projects in molding, assembly and tooling departments.
- Work with QA Department to resolve CAR's and associated root cause analysis.
- Understand and promote ISO 13485/ AS9100 / ISO 9001 Quality System Procedures in all functional areas.
- Promote Good Manufacturing Practices (GMP) and adherence to JG Plastics Safety Practices.

- **Minimum qualifications and experience requirements:** Must have Master Molder certification or equivalent Scientific Molding qualification, with a minimum of 7 years' experience in plastic injection molding. Experience with molded medical device components in an ISO 13485 environment is required. Must have extensive experience with mold and process validations of plastic injection molded components. Demonstrated ability to start-up, operate and shut down injection molding machines and related process equipment. Must be able to work independently on new process development and troubleshooting of current production issues. Good written and verbal skills.

## **JOB DESCRIPTION ACKNOWLEDGEMENT**

**I have received full instruction on the scope and nature of this job description and fully understand my position responsibilities and accept this responsibility and full authority as prescribed.**

### **Employee Acknowledgement:**

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Employee Name

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Employee Signature

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Date