

Injection Process Engineer

Pay: \$60,000.00-\$80,000.00 per year

Job Description:

Position Summary

The purpose of this position is to provide engineering support to the production department in order to implement process improvements (cost reduction, quality improvement, reduce downtime, improve tooling & equipment, etc.).

Technical Skill Requirements:

1. AS Degree in Mechanical Engineering or other technical degree or equivalent professional experience
2. 2-4 years experience in manufacturing engineering, preferably in an automotive components industry
3. Excellent computer skills (Microsoft Office)
4. Excellent knowledge of tooling
5. Excellent mechanical abilities
6. Knowledge of robotics, injection machines, vacuum formers and laser cutting robotic cells
7. Forklift license
8. Excellent troubleshooting skills
9. Excellent documentation skills
10. Excellent mathematical aptitude and analytical thinking
11. Knowledge of Toyota Production System principles

Performance Skill Requirements:

1. **Analysis:** Able to gather relevant data using appropriate methodologies and analyze that data in such a manner that valid conclusions and insinuations can be drawn that assist in making important business decisions.

2. Innovation: Able to challenge conventional practices; adapts established methods for new uses; pursues ongoing systemic improvements; plays with concepts and ideas to create novel solutions to problems

3. Problem Solving: Able to apply systems thinking to generate solutions; focuses on process rather than isolated events; obtains multiple assessments of a situation and identifies trouble spots; evaluates alternative solutions.

4. Results Orientation: Able to manage progress toward operational effectiveness; can implement preventative measures and establish clear accountability for action; confronts problems head on and takes decisive action.

5. Prioritizing: Able to use sound judgment in evaluating the relative urgency of various issues; appropriately classifies i.!!1 terms of time sensitivity, impact, complexity, importance, etc

Other Key Competencies:

1. Communication: Able to clearly present information through the spoken or written word; reads and interprets complex information; talks with customers or clients; listens well

2. Energy Level: Responds well to demands on time and generally works at a brisk pace. Self stm1er, multi-tasker and self-motivated. Good time utilization and a capacity for a fast-paced environment

3. Quality: Able to maintain high standards despite pressing deadlines; establishes high standards and measures; does work right the first time; tests new methods thoroughly; reinforces excellence as a fundamental priority

Essential Duties and Responsibilities

1. Provide Engineering support to Production Department

a. Troubleshooting and repair of equipment, tooling, materials and processing issues

b. Continuous improvement for Production processes and quality

c. Obtain quotes from vendors for tooling and equipment

d. Conduct job set-up and start-up

e. Develop work cells, programming and tooling for various parts

f. Analyze scrap and labor and recommend countermeasures

g. Update Production documentation, including work instructions

h. Conduct mold changeovers

i. Stock and repair spare parts

j. Work on cost savings initiatives

k. Administer training

l. Generate reports (scrap, capacity, etc.)

m. Assure safety procedures followed

2. Attend meetings, as required

a. Morning passdown meetings

Other Duties and Responsibilities

1. Other projects and duties, as assigned

2. Develop and evaluate subordinates

Supervisory Responsibilities

This position has direct supervisory responsibilities for the following positions: Senior Assistant Manager of Injection and Assistant Manager of Injection. Duties include planning work for subordinates, observing performance, appraising, developing, coaching and holding subordinates accountable for results.

Job Complexity

Work requires a high level of judgment, analytic ability and creativity, such as investigating moderately complex problems or situations, analyzing information and recommending solutions.

Supervision Received

Receives moderate supervision; objectives or goals are established in advance, but little in the way of a course of action is generally specified or recommended

Frequency of Independent Judgment Exercised Regularly

Position's Type of Job Tasks

Performs complex tasks requiring extensive knowledge of department's work

Environment and Conditions

The incumbent spends approximately up to 15% of his/her time developing and maintaining business contacts within the organization and up to 15% of his/her time with external contacts. The purpose of these contacts is to discuss production **issues, tooling, machines and processes, to request quotes, to discuss part costs, to discuss quality issues, to conduct on-line** trials, to order tooling and equipment and to discuss vendor products.

This position works in an open office environment and on the production floor. Exposure to weather elements is not likely. Incumbents are not likely to drive a vehicle while performing job responsibilities. Incumbents spend approximately 20% sitting, 45% standing and 35% walking in the course of this position and are unlikely to lift anything greater than 80 pounds. Incumbents will use the following office machines while performing job duties: computer, printer, copier, fax, telephone, hand tools, drill, mill, saw, digital camera, calculator, and the equipment on the plant floor.

Culture of Company:

Green Tokai's long-term success is due to an uncompromising commitment to quality in the products it manufactures, as well as meeting or exceeding the expectations of its customers. Success comes through continuous improvement in our technologies and processes, by maintaining a good quality management system, plus ensuring the continuous development of our employees occurs. Green Tokai's goal is to provide a work environment where employees can maximize their contributions and reach their full potential. This is accomplished through regular learning and career advancement opportunities, by providing a safe work environment, by providing the best technologies, by regularly stimulating our employees with new challenges, by treating all employees fairly and by promoting open and honest communication between all levels within the company.

Benefits:

- 401(k)
- 401(k) matching
- Dental insurance
- Flexible spending account
- Health insurance
- Life insurance
- Paid time off

- Vision insurance

Work Location: In person