

Manufacturing Process Engineer

In 1985, Mike and Kim Crabb founded Diamond C with a small team and a big dream. Over the years, the company has grown significantly, now employing over 900 team members. Diamond C remains a family-owned and operated business, with a strong emphasis on our foundational “Do Work, Love Strong” culture, which is based in Mt. Pleasant, TX.

We are unwavering in our commitment to more – more process improvements, more sustainable manufacturing, and more opportunities for our team. Our purpose is to fuel the growth and success of our team members, customers, and community. We're dedicated to being a positive force for change and using our expertise to make a meaningful impact on our community abroad. This role is located in Mount Pleasant, TX 75455

Purpose:

We are seeking a skilled and innovative Manufacturing Process Engineer to join our team. As a Manufacturing Process Engineer, you will play a critical role in optimizing manufacturing processes, exploring new technologies, enhancing efficiency, and ensuring product quality. Your expertise in process improvement and problem-solving will be instrumental in driving continuous improvement initiatives, reducing costs, and exploring future capabilities.

Shift & Schedule:

This position is a salaried Monday - Friday position

Responsibilities:

1. Process Optimization:

- Evaluate and analyze existing manufacturing processes to identify operational bottlenecks, areas for improvement, enhance efficiency, and improve product quality.
- Develop and implement process improvements, workflow enhancements, and automation solutions to optimize efficiency and productivity.
- Collaborate with cross-functional teams to implement process changes and track their impact on production, aiming for increased productivity and cost savings.
- Develop and maintain data-driven models for forecasting and capacity planning.

2. Time and Motion Studies:

- Conduct time and motion studies to analyze work methods and processes, identifying opportunities to increase efficiency and reduce labor costs.
- Utilize engineering techniques to establish standard work procedures and labor time estimates.
- Develop and maintain work instructions and standard operating procedures (SOPs) to ensure consistency in operations.

3. Manufacturing Process Documentation:

- Create and maintain detailed process documentation, including work instructions, standard operating procedures (SOPs), and process flow diagrams.
- Ensure that manufacturing processes comply with industry regulations and safety standards.
- Update documentation as needed to reflect process changes and improvements.
- Train production personnel on updated procedures and process changes.

4. Cost Reduction and Efficiency Improvement:

- Identify opportunities for cost reduction, waste minimization and resource optimization.
- Collaborate with procurement and supply chain teams to optimize materials usage and reduce production costs.
- Implement lean manufacturing principles and continuous improvement methodologies to streamline processes.
- Gather, analyze, and interpret data related to production output, quality, and performance metrics.
- Monitor key performance indicators (KPIs) to track cost savings and efficiency gains.

5. New Product Introduction (NPI):

- Work closely with product development teams to facilitate the smooth introduction of new products into production.
- Provide input on design for manufacturability (DFM) and design for assembly (DFA) principles.
- Develop manufacturing processes, tooling, and fixtures for new products.
- Ensure a seamless transition from prototyping to full-scale production.

OFFICE POSITION



Qualifications:

- Bachelor's degree in engineering (preferably in manufacturing, industrial, or related field). Master's degree is a plus.
- Strong knowledge of manufacturing processes, techniques, and equipment.
- Proficiency in process improvement methodologies (e.g., Lean, Six Sigma).
- Familiarity with quality control and assurance methods.
- Excellent problem-solving and analytical skills.
- Strong project management and organizational abilities.
- Effective communication and teamwork skills.
- Knowledge of CAD software and manufacturing simulation tools (preferred).
- Understanding of regulatory and safety standards in manufacturing.

Benefits:

- Medical
- Dental
- Vision
- Long and Short Term Disability
- Physical Wellness Program
- Paid Maternal/Paternal leave
- Tuition Reimbursement Program

Signature

Date

We encourage and welcome applicants with any and all backgrounds, experiences, abilities, and competencies. All decisions regarding hiring, promotion, discipline, and discharge are based on qualifications, merit, and the needs of the business. We are an equal opportunity employer.