

# MANUFACTURING ENGINEER

## ABOUT US:

Smartrend Manufacturing Group (SMG), Inc., established in 2004, is a leading supplier of customer-specific engineered parts and assemblies for transportation industries and general industrial applications. In 2018, First Light Safety Products (FLSP) was created as a tradename under SMG, to pioneer self-contained illuminated safety products for the pupil transportation industry. In the years since FLSP has emerged as the market leader for Illuminated School Bus Signs and Fully Illuminated Stop Arms and pursued exclusivity over its products and technologies through considerable investment in proprietary know-how and patent protection.

## SUMMARY:

The **Manufacturing Engineer** is focused on studying, developing, and improving manufacturing processes to implement solutions to increase capacity, quality, and efficiency, while reducing costs and takt times. The position reports to the Director of Manufacturing, while working together with Engineering and Quality.

## DETAILED DUTIES AND RESPONSIBILITIES:

- Support daily production by troubleshooting, collecting, and monitoring data (takt time, cycle time) to ensure appropriate throughputs are being achieved hourly and daily by using appropriate analysis tools
- Improve manufacturing efficiency by utilizing a cross functional team to analyze and plan workflow, space requirements, and equipment layout
- Spearhead process improvements, product flow improvements
- Create tools and fixtures for efficiency and safety
- Propose and implement recommendations to reduce manufacturing costs and improve efficiencies, including waste reduction, quality, safety, and complete and on-time delivery
- Create and maintain Work Instructions and Standard Operating Procedures
- Work with Production Leaders to drive continual improvement activities with the goal of improving overall plant key performance indicators, successfully motivating staff to participate in events and outcomes
- Assist production with the first build of new products or revisions to existing products
- Research the latest technology and manufacturing practices and propose their introduction into production as appropriate
- Source new equipment and aid in the introduction of new equipment to shop floor staff
- Ensure compliance with health and safety laws, regulations, and guidelines

## **KNOWLEDGE, SKILLS, AND ABILITIES:**

- Minimum of 3 years experience in a manufacturing environment
- Demonstrated ability to identify, write, implement, and maintain process improvements
- Strong problem-solving skills, including troubleshooting and resolving issues
- Self-motivated who possess the ability to work independently and with a team
- Excellent organizational and time management skills
- Strong interpersonal and communication skills in English, both reading and writing
- Proficient with Microsoft Office Suite and SolidWorks or similar CAD software

## **EDUCATION AND EXPERIENCE REQUIREMENTS:**

- College Diploma or University Degree in Mechanical Engineering or the equivalent

Share with us your talent, drive, and entrepreneurial spirit and we will provide a creative and supportive environment, where valuable contributions are rewarded and celebrated with professional growth, job satisfaction, and an attractive total compensation program.

Executive level compensation package includes:

- Starting salary of \$65k to \$85k, depending on experience
- Paid vacations
- RRSP Matching Contribution
- Group Insurance Plan

### **Other Benefits:**

- Casual attire
- Employee focused company events

### **Work Schedule:**

- Days
- Monday to Friday

*We would like to thank all applicants who apply, however, only those selected for an interview will be contacted.*