

## **Manufacturing Engineer**

### **Essential Duties & Responsibilities**

- Overall responsibility for manufacturing and quality aspects of “others”, biomedical and plastics product lines
- Manufacturing improvement/cost reduction projects
- Development of new manufacturing methods, machinery, or materials
- Shop floor support
- Expedite/create prototype packages for new/modified “others”, biomedical, or plastics products
- Provide direction to maintenance department

### **Supervisory Responsibilities**

The supervisory responsibilities for this position are for the Maintenance Group.

### **Qualifications**

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

### **Education and/or Experience**

B.A. in mechanical/manufacturing engineering or technology from a four-year college or university; or one to two years related experience and/or training; or equivalent combination of education and experience.

### **Language Skills:**

Ability to read, analyze, and interpret general business periodicals, professional journals, and technical procedures. Ability to write reports, business correspondence, and procedure manuals. Ability to effectively present information and respond to questions from groups of managers, clients, customers, investors, and the general public.

### **Mathematical Skills:**

Ability to work with mathematical concepts such as probability and statistical inference, and fundamentals of plane and solid geometry and trigonometry. Ability to apply concepts such as fractions, percentages, ratios, and proportions to practical situations.

### **Reasoning Ability:**

Ability to solve practical problems and deal with a variety of concrete variables in situations where only limited standardization exists. Ability to interpret a variety of instructions furnished in written, oral, diagram, or schedule form.

### **Physical Demands:**

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this job, the employee is regularly required to use hands to finger, handle, or feel and talk or hear. The employee frequently is required to stand, walk, and sit. The employee is occasionally required to reach with hands and arms and climb or balance and stoop, kneel, crouch, or crawl. The employee must occasionally lift and/or move up to 50 pounds. Specific vision abilities required by this job include close vision, distance vision, depth perception, and ability to adjust focus.

**Work Environment:**

The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

The noise level in the work environment is usually moderate. While performing the duties of this job, the employee is occasionally exposed to moving mechanical parts and fumes or airborne particles. The noise level in the work environment is usually moderate.