

Job Description

Job Title: Process Engineer
Department: Engineering
Reports To: VP of Operations
FLSA Status: Exempt

SUMMARY

This individual will be part of an engineering group in the planning, process improvement, formulation of the polymer manufacturing program. Duties entail the design and review of equipment and tooling for compliance with engineering principles, company standards and customer requirements; coordination of activities concerned with technical developments; schedule and resolve engineering design and test programs.

ESSENTIAL DUTIES AND RESPONSIBILITIES include the following. Other duties may be assigned.

- Provide technical engineering support for manufacturing and facility management.
- Collaborate with marketing in the costing and quoting of new products including tooling.
- Practice proper document control throughout the Engineering Department.
- Customer liaison for technical issues.
- Coordinate activities concerned with technical development of prototypes through testing and production.
- Schedule and resolve engineering design and test programs.
- Design and review equipment and tooling compliance with engineering principles company standards and customer requirements.
- Review design changes, specifications, and drawing releases.
- Development on new product models, and adaptation of current products to increase plant efficiencies.
- Project Manager with knowledge of Six Sigma, P+L, IATF16949:2016 & AS9100, Lean manufacturing and experience with polymer processing is preferred

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.

EDUCATION and/or EXPERIENCE

An engineering degree with 5 minimum year experience in a manufacturing environment with PTFE background preferred. Additional preferred requirements include CAD modeling (Inventor, Solidworks, Pro-E/Creo), Microsoft office products and a wide degree of creativity and knowledge of machining practices and equipment.

LANGUAGE SKILLS

Ability to write reports, business correspondence, and procedure manuals. Ability to effectively present information and respond to questions from managers, customers, and coworkers.

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 define problems, collect data, establish facts, and draw valid conclusions. Ability to interpret an extensive variety of technical instructions in mathematical or diagram form and deal with several abstract and concrete variables.

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 occasionally required to stand; walk; sit; use hands to finger, handle, or feel; reach with hands and arms; and talk or hear. The employee must frequently lift and/or move up to 10 pounds and occasionally lift and/or move up to 25 pounds. Specific vision abilities required by this job include close vision, distance vision, color vision, peripheral 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. While performing the duties of this job, the employee maybe exposed to risk of electrical shock. The employee is occasionally exposed to moving mechanical parts and vibration. The noise level in the work environment is usually moderate.