



Position Title: Extrusion Engineer

Wage/Hour Status: Exempt

Reports To: Sr. Extrusion Engineer

Last Revised: February 2017

Minimum Requirements -

- 4-year degree in either Process Engineering or Chemical Engineering required with an emphasis on polymers.
- Must possess strong written and verbal communication skills, excellent team building skills, ability to effectively manage conflict, and maintain strong employee relations.
- Minimum of 2 years of experience with plastics compounding, twin screw extruders, and ancillary support systems is recommended. Experience with single screw extrusion or injection molding will be considered.
- Background in the manufacture of building products is highly preferred.
- Effective PC skills with MS Word, Excel, and Outlook.
- Experience using CAD and Minitab, or equivalent, is preferred.

Position Summary -

The Extrusion Engineer is expected to become an expert for the facilities extrusion equipment and related raw material handling system, processing equipment, and support utilities. Primary accountabilities are tied directly to safety, production, quality, process improvements, raw material utilization and training.

Role & Responsibilities -

- Plan, coordinate, document, and implement all qualification and validation activities of new or improved extrusion equipment and related processes.
- Develop detailed training plans, provide day-to-day troubleshooting, and technical assistance.
- Develop, monitor, and effectively use key process indicators, taking action to prevent or correct situations for continuous improvement.
- Prepare oral and written technical and progress reports to communicate project and manufacturing status.
- Plan, conduct, and direct product/process studies that require an in-depth knowledge of extrusion processes and plastics compounding.
- Work with the manufacturing team to develop and implement processes and control systems.
- Ensure compliance to all safety and environmental requirements for implementation of new products, processes, and equipment.
- Lead a culture of waste reduction and ongoing/sustained improvement in product and process quality.
- Develop plans and training for extrusion plant asset maintenance.
- Create and revise documentation detailing production processes.
- Closely manage confidential information and intellectual property; must have a high degree of integrity and honesty.
- Proactively manage priorities and activities that are in alignment with overall business objectives with minimal direction.
- Possess high standards for housekeeping, employee safety, and environmental compliance.
- On call support during off hours is required.



Safety –

- Maintain a safe work environment
- Reporting any accident of unsafe act
- Implementing preventative measures or correcting reported situations within department.
- Wearing designated PPE as required by company policy

Work Environment –

While performing the duties of this job, the employee is frequently exposed to fumes or airborne particles, moving mechanical parts and vibration. The noise level in the work environment and job sites can be loud. The manufacturing plant is non climate controlled. Heat levels can reach over 100 degrees Fahrenheit in the summer.

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.

This position is very active and requires standing, walking, bending, kneeling, stooping, crouching, crawling, and climbing all day. The employee must frequently lift and/or move items over 50 pounds. Specific vision abilities required by this job include close vision, distance vision, color vision, peripheral vision, depth perception and ability to adjust focus. Ability to operate moving equipment.

Other Duties –

Please note this job description is not designed to cover or contain a comprehensive listing of activities, duties or responsibilities that are required of the employee for this job. Duties, responsibilities and activities may change at any time with or without notice.

Employee signature below constitutes employee's understanding of the requirements, essential functions and duties of the position.

Employee Signature: _____ **Date:** _____