



Blow Molding Process Engineer

Employer

Western Industries Plastic Products LLC
22829 Smyer Rd,
Winfield, KS 67156
620-221-9464

Job Description

This position is responsible for designing and implementing manufacturing processes, overseeing process conditions, troubleshoot, make modifications of blow molding equipment and machinery to improve procedures related to production, in an effort to increase productivity, efficiency and quality. This person will provide process engineering expertise and leadership throughout the production process.

If you have over 5 years' experience in Industrial Manufacturing Engineering we want to hear from you!

Essential Duties:

- Provides process engineering expertise and leadership in the following areas:
- Identifies improvements to the manufacturing process and provides appropriate plans for such improvements.
- Identifies opportunities in environmental, electrical, mechanical, production, safety, tooling and quality control areas and provides appropriate solutions for the same.
- Determines alternative solutions and presents to Director of Operations.
- Prepares drawings and identification of special equipment and vendors of equipment.
- Participates in equipment selection for projects. Works with vendors of assigned new equipment for said projects.
- Supervises installation of assigned projects.
- Designs and develops tools. Prepares and/or supervises preparation of tool drawings. Investigates and corrects tool failures.
- Coordinates needed spare parts with plant leadership.


- Designs and runs experiments and tests to aid in the development of improved manufacturing procedures and processes.
- Coordinates activities of outside contractors as required.
- Participates in product design changes.
- Participates with value stream mapping, initiating and leading Kaizen events, Design of Experiments, and capacity utilization studies.
- Ensures production jobs are running to appropriate cycle specifications for maximum yields.
- Analyzes molding defects to determine root cause and initiates material, machine, process, or tooling remedies
- Recommends tooling and/or machine improvement for mold repairs, processes, yields, scrap, waste, etc.
- Effectively communicates with the shift personnel in regard to part quality, equipment, special instructions, corrective action and productivity.
- Communicates with other process technicians, shift supervisors and all technical employees on technical issues.
- Provides technical assistance in maintaining expected levels of productivity in order to fulfill quality and scheduling requirements.
- Checks tooling, machines and auxiliary equipment to identify issues and provides work orders to appropriate support departments.
- Maintains quality standards to customer specification of all parts.
- Must have good written and verbal communication skills to report machine repair status and updates.
- Complies with government regulations in adherence of EPA, MSDS, Lock/Out-Tag/Out and all other applicable safety standards
- Establishes and maintains effective work relationships within the department, the Corporation and the community; and maintains the professional competence, knowledge and skill necessary for the satisfactory performance of all assigned responsibilities.
- Performs other duties as required.

Qualifications

Required Experience

- Bachelor's Degree in an engineering discipline - preferred
- At least 5 years of experience in the field or in a related area.

Additional Education and Experience

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- Working knowledge of the following:
 - Lean Manufacturing or Six Sigma
 - Production and manufacturing processes and techniques
 - Proficient in AutoCAD
 - Health and safety standards and compliance
 - Scheduling and Planning, Overtime Management
 - Machine, Personal Protective Equipment (PPE) and tools
 - Root cause analysis

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