

McWANE DUCTILE OHIO
EXTERNAL NOTICE OF SALARIED JOB OPENING

Date Posted: 06/12/2024
Job Title: Product Engineer
Department: Poles
Position Reports to: Plant Engineer Poles Flange Products

Employment: Full Time (Min 40 hours)
FLSA Exempt
Shift: Days & as needed

McWane, Inc. is an equal opportunity employer. Employment is made available to all persons without regard to race, color, religion, sex, national origin, age, and marital status, disability that does not prohibit performance of essential job functions with reasonable accommodation, Vietnam Era or veteran status. This policy applies to hiring, placement, recruitment, rates of pay or other forms of compensation, benefits, promotions, transfers, layoffs, recalls, Company-sponsored training, terminations, and other employment-related activities.

Summary: Oversee and improve production processes in the manufacturing facilities. Engineering aptitude, a high attention to detail, and the ability to optimize production processes for maximum efficiency are necessary skills. Oversees the work of vendors and contractors in the completion of work.

Essential Duties and Responsibilities include those listed below. Other duties may be assigned. This position is a full-time (minimum 40 hours per week) on-site position.

- Develops and improves manufacturing processes by studying product and manufacturing methods.
- Lead root cause analysis of quality and production issues.
- Lead development of corrective actions and validate results.
- Increase production efficiency by working with the production team to identify and eliminate waste in the process.
- Evaluates manufacturing processes by designing and conducting research programs; applying knowledge of product design, fabrication, assembly, tooling, and materials; conferring with equipment vendors; soliciting observations from operators.
- Develops manufacturing processes by studying product requirements; researching, designing, modifying, and testing manufacturing methods and equipment; conferring with equipment vendors.
- Improves manufacturing efficiency by analyzing and planning workflow, space requirements, and equipment layout.
- Assures product and process quality by designing testing methods; testing finished product and process capabilities; establishing standards; confirming manufacturing processes.
- Provides manufacturing decision-making information by calculating production, labor, and material costs; reviewing production schedules; estimating future requirements.
- Prepares product and process reports by collecting, analyzing, and summarizing information and trends.
- Maintains product and company reputation by complying with government regulations.
- Keeps equipment operational by coordinating maintenance and repair services; following manufacturer's instructions and established procedures; requesting special service.
- Completes design and development projects by training and guiding technicians.
- Improves work methods and procedures to eliminate operating problems and improve product quality.
- Troubleshoots and works with Maintenance to resolve problems.
- Works within budget constraints.
- Observes all Company, housekeeping, safety and plant policies and procedures.
- Has strong written, oral, communication and facilitation skills.
- Fosters a focus of continuous improvement.

Supervisory Responsibilities: Oversees the work of employees in the absence of the supervisor or department head ensuring employees work together as a team and follow protocols and meet production deadlines, leading vendors, and contractors in the completion of work including but not limited to costs, schedule, completeness and quality of work, safety, and environmental factors. Providing proper training to ensure safety and quality assurance protocols.

Qualifications: To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative, but not all inclusive, of the knowledge, skills and or abilities required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

Education and/or Experience: Bachelor's degree in Mechanical Engineering, Electrical Engineering, Industrial Engineering or Engineering Technology required, plus 3 years' related engineering experience in an industrial manufacturing setting; OR an equivalent combination of related post graduate education and/or experience. Must be mechanically inclined and process minded.

Computer Skills: Computer literate; proficient with Microsoft Windows, MS Office programs and applications for word processing, email, database management, spreadsheets, and AutoCAD software.

Language Skills: Ability to read, analyze and interpret common scientific and technical journals, financial reports, legal documents, and other documents such as Company policies, procedures, and manuals. Ability to prepare business correspondence, detailed reports, work instructions, operating procedures, and processes. Ability to respond to common inquiries or complaints from customers, regulatory agencies, or members of the business community. Ability to effectively present information to top management.

Mathematical Skills: Ability to apply advanced mathematical concepts such as exponents, logarithms, quadratic equations, and permutations. Ability to apply mathematical operations to such tasks as frequency distribution, determination of test reliability and validity, analysis of variance, correlation techniques, sampling theory, and factor analysis.

Reasoning Ability: Ability to define problems, collect data, establish facts, draw valid conclusions, apply common sense, and solve practical problems. Ability to apply principles of logical or scientific thinking to a wide range of intellectual and practical problems. Ability to deal with nonverbal symbolism (formulas, scientific equations, graphs, musical notes, etc.) in its most difficult phases. Ability to deal with a variety of abstract and concrete variables.

Supervisory Skills: Ability to work with a diverse group of people and encourage and motivate people to take ownership and pride in their work.

Other Skills and Abilities: Must be mechanically inclined; and have good mechanical, hydraulic and pneumatic system design and troubleshooting skills. Must be proficient with AutoCAD and Inventor.

Abilities/Tasks:

- Identifying Risks
- Coordinating various procedures
- Implementing project schedules
- Delivering quality engineering solutions
- Guiding production team members
- Making recommendations

Skills:

- Resolve problems
- Meeting deadlines
- Interpreting complex drawings
- Communicating and listening
- Following instructions
- Being adaptable and willing
- Being amicable and respectful
- Handling multiple projects
- Time management
- Cooperating with management
- Understanding statistics and numeric data
- Keep operating costs low

Certificates, Licenses, Registrations: None.

Physical Demands: The physical demands described below 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 stand, walk, sit, use hands, to finger, handle or feel; reach with hands and arms and talk and hear. The employee is occasionally required to climb or balance, stoop, kneel, bend, crouch or crawl, and taste or smell. The employee may occasionally lift and/or move up to 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. The work environment characteristics described 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. While performing the duties of this job, the employee is regularly exposed to moving mechanical parts and high, precarious places. The employee is frequently exposed to fumes or airborne particles, outside weather conditions and extreme heat or cold. The employee is occasionally exposed to wet and/or humid conditions, toxic or caustic chemicals, electrical shock, and vibration. The noise level in the work environment is usually very loud.

How to Apply

Interested candidates must complete an online McWane Ductile Ohio Application Form which can be accessed at <http://careers-mcwane.icims.com>. Employment is contingent upon satisfactory completion of a Company Application, Confidentiality, Assignment and Non-Competition Agreement, criminal background check, professional reference check, health assessment and pre-employment drug screen.