

Manufacturing Process Engineer (Plastics)

Job Description

About Scienion US, INC

SCIENION US, INC is a life science company well positioned in the markets of ultra-low volume liquid handling systems and microarray technologies. We provide our customers with an integrated product portfolio facilitating and improving multiplex analysis, high throughput screening and high throughput production of microarrays in the genomics and proteomics fields – from early research to manufacturing.

We provide our customers in the pharmaceutical, biotech, diagnostic and reagent supply markets, as well as in academic research institutions, with high quality products and services, to facilitate confidence and efficiency in all aspects of their applications. Based on SCIENION's long standing expertise and proprietary platform technologies our product portfolio comprises hardware, consumables and services. SCIENION US, INC is subsidiary of SCIENION AG, based in Berlin Germany.

Primary Responsibilities

- Manufacturing operations support including molding, packaging and shipment of completed product.
- Assist in achieving manufacturing objectives.
- Assist in technical support and troubleshooting for manufacturing operations.
- Monitor manufacturing variances so that problem solving, and improvement opportunities are identified.
- Provide timely resolution of product, process and equipment problems in the form of creative short- and long-term solutions.
- Assist in development, testing and improving manufacturing processes for new and existing products that optimize operation, reduce product variability and increase yields.
- Assist in planning, coordinating, developing, and executing test protocols, experiments, process characterization and process validations (IQ,OQ,PQ) on new and revised products and processes.
- Develop machine specifications, identify and evaluate suppliers, then procure, install and de-bug equipment from outside supplier for general manufacturing and secondary processes.
- Assist in writing and updating standard operating procedures and other documentations required.
- Consult or provide technical advice to team members on product and process issues.
- Assist in the organization and ordering of inventory in the maintenance of manufacturing supplies and materials.
- Assist in the maintenance and upkeep of manufacturing equipment in accordance with Scienion company policies.
- Demonstrate commitment to ISO 13485 standard in all Scienion US Inc business practices by policies and actions. Good documentation practices are key to compliance with the standard along with ongoing training activities.
- Identify and report nonconformances as they are encountered.

ESSENTIAL FUNCTIONS AND BASIC DUTIES

- Maintain good manufacturing practices including maintaining accurate and timely documentation
- Periodically present manufacturing progress and project activities to stakeholders.
- Work with Scienion team to determine project goals and plan/execute against set project goals independently while maintaining communication with manager.
- Other duties as assigned

PERFORMANCE MEASUREMENTS

- Project completion in a timely manner as determined by both the employee and supervisor.
- Adherence to quality protocols and training standards.
- Regular attendance to workplace.

QUALIFICATIONS

Education/Certification: B. Sc in Mechanical, Manufacturing, Polymer, or Plastics Engineering or other related engineering discipline.

Experience Required:

- Experience in a plastics manufacturing environment (extrusion, injection, compression, hot embossing).
- Working knowledge and application with the following concepts; polymer material properties, plastic molding, surface treatment and functionalization, heat transfer, and other related topics.

Skills/Abilities:

- Excellent communication, presentation and interpersonal skills.
- Strong initiative, self-directed and takes action on opportunities.
- Proven problem-solving ability, good documentation skills, and good manufacturing practices.
- Demonstrated knowledge of CAD software and ability to model moderately complex parts is desired

PHYSICAL ACTIVITIES AND REQUIREMENTS OF THIS POSITION

Talking: Individual must be able to communicate with company personnel.

Average Hearing: Individual must be able to communicate with company personnel.

Repetitive Motions: Individual may be required to spend periods of time standing, operating molding presses, or on a PC.

Average Visual Abilities: Individual must be able to see equipment status, computer screens and environment to aid in all activities.

Physical Strength: Individual must be able to lift a minimum of 50lbs.

WORKING CONDITIONS

This role functions mainly in manufacturing and lab environments where various large and small equipment is used in the production of plastic consumables and microarrays. This role also functions in a professional office environment. This role uses standard office equipment such as computers, phones, photocopy/printers, etc.

As needed, this role may require a up to 10% or more of travel therefore the environment will include all modes of travel (planes, trains, car rental or car services, etc.).

This role may require employees to work evenings and weekends as needed.

Job Type: Full-time