



## NOTICE OF INTEREST

### Production Support/Operations Engineer 2<sup>nd</sup> & 3<sup>rd</sup> Shift (2 positions)

*Reporting to: Director Production*

1. **Purpose of Position:**

Provide off shift engineering support and leadership for the distribution, manufacturing, molding and maintenance of products to meet customer demand. Tasks include; product evaluations, process set up, material testing, measurement, new product introductions and process control. Position also provides engineering support to all internal functions to solve product problems, control change and promote the overall success of US Conec parts and services. Provide supervision, leadership and technical support to the Manufacturing Associates to assure effective, efficient operations across all shifts.

2. **Major Responsibilities:**

- Maintain and support all US Conec product lines.
- Understand mold/ molding machine design and operation.
- Have a working knowledge of materials used in the product set.
- Provide engineering support to customers, suppliers and contract manufacturers to include site visits. Create drawings and models to drive all operations. Review/create quality systems, support/design production systems, troubleshoot and solve problems.
- Use all CMMs, microscopes, vision and other measurement tools to analyze and correct problems. This includes molds and fixtures used in manufacturing.
- Lead or support product improvement efforts and projects.
- Use measurement equipment to create and maintain first articles.
- Analyze product cost and implement cost reduction plans that meet company goals.
- Source suppliers/contract manufacturers to support new and existing products.
- Provide technical support for manufacturing associates and technicians. Support may include product analysis, testing/debugging, troubleshooting and problem solving.
- Understand optical fibers, fiber-optic connectors, and miscellaneous fiber-optic hardware
- Act as a focal point for all technical issues on fiber, cable, connectors, hardware, molds, measurement and production machines.
- Coordinate work schedules and assignments for all 2nd and 3rd shift production associates.
- Provide process and/or equipment training to process technicians and hourly associates as required. Support and administer operator certifications.
- Support RoHS/REACH requirements for parts and materials.
- Support and maintain systems to achieve ISO 9001 registration.
- Use the US Conec ERP system to capture supply/demand information, analyze costs and support required inventory to meet customer requirements.
- Assist in the selection, hiring, training, supervision and motivation of manufacturing personnel.
- Oversee 2nd and 3rd shift operations to ensure on time delivery of quality products to external and internal customers.
- Monitor and devise methods to meet or exceed key measurements such as productivity, quality workmanship errors, training percentages, financial budget target, and customer sensitivity.
- Implement product and process changes into the manufacturing and quality systems.
- Maintain quality system elements and implement corrective and preventive action as necessary.

3. **Equipment Used:**

- All CMM Equipment
- Optical Power Meters
- Contact gauging equipment, including but not limited to pin gauges, calipers, and micrometers
- Macintosh and PC-compatible personal computer including CAD, spreadsheet, word processor, SPC software.
- All microscopes
- Vision systems

4. **Knowledge and Skill Requirements:**

- Bachelor's Degree in engineering field, Mechanical or Manufacturing Engineering preferred
- Thorough understanding of product costing
- Minimum 5 years' experience in a medium volume manufacturing environment (injection molding, die casting, machining, assembly, etc.)
- Knowledge of statistical techniques (design of experiments, measurement R&R, and statistical process control)
- Working knowledge of machining, tools, fixturing, and assembly practices
- Knowledge and working experience with mechanical (indicators, micrometers, etc.) and electronic metrology instrumentation (CMM, Interferometer, Confocal microscope, etc.) is preferred.
- Working knowledge of fiber optic assemblies, connectors, and testing preferred
- Advanced PC skills with standard MS Office software: Excel, Word, and PowerPoint
- Demonstrated planning, organizational follow-up and presentation skills
- Excellent interpersonal skills, as well, as verbal and written communications skills
- Must be able to lift 40 pounds.