



Position Profile – Mechanical Engineer – Product Support Toledo, Ohio

Company Profile

NSS has been engaged in the design, manufacture, and sale of floor cleaning equipment for commercial applications since 1911. Domestically, the company markets its products through two paths: to local end-users through Janitorial/Sanitary Supply distributors, and directly to multi-location strategic accounts. Manufacturing is performed at the company headquarters in Toledo, OH.

NSS places a premium on collaboration and high achievement. It is a lean, solid company in business for over 100 years and positioned for continued success. NSS provides an environment for individuals to make significant contributions and maintain a good work / life balance. The successful candidate will enjoy a competitive salary and comprehensive benefits package.

Position Responsibilities

This position provides engineering support for the full line of NSS products. This position is based in the Toledo Operation and reports directly to the Vice President of Marketing and Product Development. Specific job duties are in the key areas of:

- **Product Improvement**
 - Evaluation of durability of existing products
 - Failure Mode analysis of existing products
 - Redesign of components to improve reliability of existing products
 - Participation in the Product Quality Committee
- **Production Part Approval Process**
 - Conduct evaluations, by both engineering methods and empirical testing, of new production parts identified by the Purchasing Department.
 - Develop empirical testing methods and fabricate fixtures, as required.
- **Cost Reduction**
 - Evaluate existing product lines and find opportunities for improvement.
 - Redesign components, test new designs and implement product changes in order to lower product cost without reducing product quality.
- **Production Support**
 - Work with Manufacturing Engineering to troubleshoot and solve production problems.
 - Approve product deviations as requested by the Sales Department, Purchasing Department, and Manufacturing.
 - Participate in the Material Review Board.
 - Provide engineering support to Manufacturing Engineering Manager for regulatory certification of products (UL, CSA, CE, etc.)
- **Engineering Support**
 - Contribute as required to the Product Change Notice (PCN) process.
 - Update drawings and literature, as required.
- **Product Application Support**
 - Develop solutions for new product applications identified by NSS Sales Representatives.

- Safety and Housekeeping
 - Follow company safety policies
- New Product Development
 - Participate in the planning and execution of certain New Product Development assignments.
- Participate in Engineering Department housekeeping activities.

Education and Experience

- Education
 - BSME or BSMET preferred.
 - ASMET acceptable, given the right work experience.
 - Complete understanding of drafting required.
- Work Experience
 - 5+ years in an engineering capacity in an assembly manufacturing environment.
 - Experience in electromechanical product design and assembly a plus.
 - Experience in a third-party evaluated quality system a plus (ISO 9000 / QS 9000 / TS 16949)
- Computer Skills
 - A high level of expertise in Solidworks or similar CAD software required
 - Understanding of solid modeling and tolerance stack-ups
 - Experience with Keycreator/Cadkey a plus
 - Expertise in Word and Excel required.
- General Skills
 - Must have
 - Understanding of problem solving (scientific method)
 - Experience working in a team environment
 - Hands on experience with machinery
 - Good communication skills
 - Ability to manage multiple projects

Candidates should respond with letter and resume to Liesa Taylor, Human Resource Manager at 3115 Frenchmen's Road, Toledo, Ohio 43607 or ltaylor@nss.com. A competitive base salary and benefits package including medical, dental, life insurance, long term disability and 401K await the successful candidate.