

## **Electronics Engineer III**

Job Location – Versailles, OH

### **Job Summary:**

Design, develop, document and test electronic systems, components and circuits for use in Midmark products, both new products and modifications to existing ones.

### **Duties and Responsibilities:**

- Evaluate, select and adapt or modify standard techniques, procedures and criteria.
- Devise new approaches to problems.
- Advise on the scope of projects and independently performs assignments as to the general results expected.
- Lead assignments directed by specific instructions, objectives, complex features and unusual acceptance criteria.
- Analyze system requirements, customer needs, regulatory and standard compliance, device safety, device usability and cost with cross-functional consideration.
- Design and test printed circuit boards, cable assemblies, devices and systems.
- Document confidential descriptions and specifications of proprietary hardware and software, product development and introduction schedules, product costs, and information about product performance weaknesses.
- Provide technical guidance on unusual or complex problems.
- Lead cross functional teams in the compliance to regulatory norms and recognized or voluntary standards in the electronics areas of the assignments.
- Mentor the members of the electronics engineering group.

### **SECONDARY DUTIES:**

- Recommend and implement improvements to Midmark electronics engineering processes.
- Influence the product roadmap with regard to technical trends.

## **Education & Experience:**

- Bachelor of Science in Electrical Engineering degree required and 10 or more years of experience in a related field preferred.

## **COMPETENCY/SKILL REQUIREMENTS:**

- Ability to read bill of materials
- Proficient in Microsoft Office Suite.
- Ability to multitask and problem solve.
- Knowledge of Enterprise Resource Planning (ERP) systems. Oracle preferred. PLM Agile preferred.
- Ability to prepare Test Protocols and Test Reports.
- Ability to analyze and interpret data and use that to influence change.
- Strong Attention to detail.
- Ability to work independently and collaboratively.
- Strong analytical and communication skills (written and verbal).
- Ability to read engineering documents.
- Ability to work under pressure and meet deadlines.
- Familiarity with Lean principles and concepts.
- Knowledge of FDA and ISO regulations.
- Ability to mentor engineers and share technical expertise.
- Lead by influence throughout the organization.
- Advanced customer and market knowledge.
- Strong planning and organizational skills.
- Strong mathematical and technical abilities.
- Ability to lead and manage projects and/or project teams.
- Ability to work with vague requirements and limited direct supervision.

- Expert in the subject matter or the functional areas of the assignments and influence the project team for the best practices related to that area.
- Strong decision-making abilities.
- Organizational awareness and strong business acumen.
- Experienced in complex problem solving and critical thinking.
- Ability to perform research on advanced technology and use that to influence product direction.
- Expert in the use of EDA Software, Altium or Mentor Graphics PADS preferred.
- Proficient with productivity tools.
- Advanced knowledge of industry principles and concepts.
- Knowledge of UL Standards.
- Proficient in system analysis, operation analysis, system evaluation, and quality control analysis.
- Knowledgeable of the fundamental theory and the practical application of electrical engineering science and technology. This includes applying principles, techniques, procedures, and equipment to the design and production of medical devices and services.