**General Description**

Solmetex, LLC; a market leading supplier of products used in dental waste management has an exciting opportunity to join our growing team as Quality & Systems Engineer at our facility in Northborough, MA. The Quality & Systems Engineer will be responsible for the processes, policies and quality management system that enable the successful and efficient manufacture of Solmetex products. This position will influence and drive key performance measures, to include supplier quality performance, process yield results, scrap reduction, and overall product cost reduction. This position will also be responsible for the ongoing reliability and performance of Solmetex installed systems at customer sites. This system engineering responsibility will include being a resource for installation questions and concerns, as well as to aid customers with regulatory compliance concerns. This will be a hands-on role, where the ideal candidate will routinely collaborate with Solmetex and customer personnel at all levels to continually drive processes to achieve world class standards.

**Primary Responsibilities**

* Take a leadership role in the definition and implementation of a Quality Management System for Solmetex
* Own and manage regulatory compliance for Solmetex products, to include: ISO, NSF, CE, etc.
* Regularly study & review key process parameters to assess the need for process improvement
* Design and develop the quality plan for new products, to include supplier selection, part drawing accuracy, quality control inspection and test plan, review and approval of work instructions, etc.
* Utilize statistical tools and methods to enable data-driven decision making, e.g. SPC, Design of Experiments, etc.
* Develop and implement Key Process Indicators (KPI’s) that help to identify problem areas & focused improvement opportunities
* Process owner for the Quality Control and Calibration programs for new and existing parts & equipment
* In collaboration with Purchasing, set clear expectations for delivered quality performance from key suppliers, and lead formal root cause analysis & corrective action activity when required
* Study and understand the dynamics of how part & process intersect, and collaborate with engineering & purchasing personnel to recommend changes to purchased materials where required
* Develop required knowledge of Solmetex products, with emphasis on their interaction with peripheral equipment in dental office applications; vacuum pump systems, etc.
* Provide technical support to the Solmetex Customer Service team in the event of system installation or performance issues in field applications
* Assess the performance and reliability of Solmetex products through customer reports & feedback, and determine if modifications to purchased materials and/or manufacturing process are required

**Requirements & Qualifications**

* Bachelor’s degree in a relevant engineering discipline: Mechanical, Industrial, or equivalent
* Minimum 3-5 years’ experience in a plant quality engineering role
* Experience with APQP & similar quality tools & methods
* Self-starter with demonstrated ability to recognize and act upon improvement opportunities
* Experience with packaging design is a plus
* Experience with injection molded components and light-cure adhesives is a strong plus
* Familiar with the use of statistical software such as Minitab or equivalent
* Knowledge of regulated industry requirements; ISO, FDA, cGMP, etc.
* Experienced with the use of structured problem-solving tools and methods: Six Sigma, 8D, 5-Why, etc.
* Able to work cross-functionally to resolve issues and continually improve results in the areas of safety, quality, delivery, and cost