

Based in Minneapolis, MN, IZiel Healthcare Inc. seeks multiple **Mechanical Engineers/Design Engineers**, to develop products with standards and processes, with cost, specifications, and timelines; design and build thermal and dynamic models and conduct FEM analysis; work on design and support & guide internal and external mechanical designers (suppliers); work with factory and field service engineers during initial builds, installations, and upgrades of newly introduced systems and modules, to ensure accurate functioning; perform analysis to identify gaps (NCRs, systemic problems, etc.) and develop corrective and preventive actions, to ensure timely implementation of countermeasures; work on manufacture specifications, that includes BOM, routings, setup sheets, and other related technical documentation; work on production issues and keep production running to support customer requirements until corrective actions can be implemented; perform root cause investigations for field issues and determine possible causes of failure; lead product design activities, concept development, and prototyping; create and interpret analyses to determine the suitability of design concepts; work on Six Sigma (DFSS) methodologies to all aspects of the design and development process; work with manufacture and suppliers to ensure feasibility of high-volume assembly; create and release engineering drawings, reports, and presentations; work with medical device testing standards, tools, frameworks, and best practices; work using RoHS, REACH, Battery, and Prop65 standards, and drive initiatives to control hazardous materials in medical products. Minimum education: Bachelor's degree in Mechanical, Engineering (any) or equivalent. Minimum experience: 5 years of experience as Application Engineer, Design Engineer, Mechanical Design Engineer, Mechanical Engineer, Process Engineer, Product Engineer, or related. Various worksites throughout the U.S. – relocation is contingent on the client's needs. Frequency of relocation is unknown, and depends on the client's requirements. There is no national or international travel involved. Wage offered: \$126,500. Standard benefits. Send resume and cover letter to usacareers@izielhealthcare.com .