Agency name: TMP WORLDWIDE, INC.
Principal Electrical/Software Manufacturing Engineer - Job ID: 67402BR

Description:
We are looking for a high-energy, hands-on technical principal engineer capable of utilizing his/her acquired design skills and experience in leading the support activities for our complex hand-held medical device product line and participating with the R&D team in the introduction of changes and new designs into manufacturing. This principal engineer will also upgrade and/or develop new test systems (hardware and software) for the verification and testing of our current and future medical devices.

JOB SUMMARY:
Exercise knowledge of technical skills and understanding of the business objectives, technical operations and dynamics of the company's environment to take effective and proactive role as a technology leader in a broad technical manufacturing discipline.

Set direction for, lead and take ownership of complex manufacturing engineering technical programs that may have multiple inter-coordinating elements. The individual is an integral part of planning the required resources for launching new programs into manufacturing and for planning manufacturing improvements that are realistically achievable given the organization's capabilities. The company relies heavily upon the individual's skills and knowledge of the business to take a lead in resolving the most difficult problems that involve interactions amongst different aspects of the system/products and processes.

The individual is seen as a mentor to others in the technical organization and may supervise or manage a group either structurally or on an ad-hoc project basis. The individual is seen as a key integrator amongst different technical working groups.

QUALIFICATIONS:

Basic Qualifications:

KNOWLEDGE:
• Technical strength in software development; C/C++ proficiency
• Demonstrated track record of technical leadership of senior software engineers
• Strong knowledge of electronic theory, electro mechanics and structured programming fundamentals
• Experience with embedded systems
• In-depth knowledge and experience in Windows-based PC applications
• Working knowledge of IR data communications
• Working knowledge of data extraction software would be a plus
• Excellent analytical, problem-solving and troubleshooting skills
• Knowledgeable of FDA and ISO requirements for medical device design and manufacturing processes

EXPERIENCE: 10+ years' relevant experience

Preferred Qualifications:
• Technical strength in electrical engineering analog and/or digital design
• Experience in the medical device industry
• Experience with electro/mechanical assembly manufacturing
• MSEE or higher degree preferred

Apply at { HYPERLINK "http://www.njit.edu/cds" }

posted: December 22, 2009