GENERAL JOB DESCRIPTION

Design, and bring to market, new Additive Manufacturing Systems utilizing Optomec’s LENS and Aerosol Jet deposition technologies.

MAJOR RESPONSIBILITIES

- Develop, champion, and own best practice Electrical Engineering standards within Optomec and work with development team to implement these standards.
- Work across the spectrum from detailed design to development of high-level concepts.
- Design and document all aspects of electrical system on automated additive manufacturing systems.
- Power distribution design for automated machinery.
- Controller development for automated machinery. Working with contract manufacturers and/or designing internally.
- Code/agency compliance.
- Present regular status updates to management.
- Linear motion controller tuning.
- Temperature controller tuning.
- Execute engineering change orders.
- Create BoMs for engineering release and cost rollup purposes.
- Request and consolidate quotes from vendors.
- Support vendors and operations team during assembly of products that you designed.
- Assemble prototypes, modify parts as required, assist with design verification testing, and generally pitch in where required to create quality products.

QUALIFICATIONS FOR THE JOB

Education:

- BS in Engineering; preferably Electrical. Equivalent experience will be considered.

Requirements:

- 5+ years of experience in the engineering, design, documentation, fabrication, and testing of electromechanical equipment
• Clear knowledge of CE and agency requirements. (Machinery Directive)
• Proficiency in using MS Office (Word, Excel, PowerPoint, Outlook) suite of software.
• Proficiency in Epicor or other ERP system.
• Experience with PLC programming is a plus.
• Familiarity with control theory, experience is a plus
• SolidWorks Electrical experience is a plus

WORKING CONDITIONS

• Will work in an office setting.
• Will assist in lab or manufacturing floor as required.

Salary DOE - Excellent Benefits Package offered

Job Type: Full-time

APPLY on Indeed.com or Submit your resume to:

jhogans@optomec.com and or conroy@optomec.com