VadaTech, Inc. is a world leader in the design and manufacture of embedded computing solutions. The products include configurable application-ready systems and their building blocks of boards, chassis and enabling software.

VadaTech, Inc. is seeking candidates for a Manufacturing Process Engineer. The Manufacturing Process Engineer is responsible for determining operations to produce products and developing processes to ensure quality, cost and efficiency requirements are met. This position troubleshoots problems with production and takes corrective action. The process engineer also researches the purchase of equipment or upgrades to existing equipment.

Roles and Responsibilities
Essential Functions:
Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

Process Engineering
• Optimize process yield and productivity thru continuous improvement programs
• Develop, maintain, and validate thermal profiles for SMT oven for new and existing board level products
• Generate and update work instructions for production processes as required
• Participate in New Product Development process to evaluate concepts, design, prototype and test
• Work closely with Electrical and Mechanical Engineering teams to perform “Design for Manufacturability” and “Design for Assembly” reviews on new and existing products to IPC and other recognized specifications. These include review and approval of stencil designs to chip manufacturer specifications
• Identify and lead implementation of new and enhanced electronic assembly capabilities
• Design and develop fixtures and tooling including selection and coordination with suppliers
• Create, update and maintain manufacturing documents for pre-production until builds for design verification, design validation and process validation
• Drive engineering prototype and first article jobs to all relevant data for potential improvements for both electrical and mechanical engineering teams
• Collaborate with engineering to resolve customer quality issues related to manufacturing process issues
• Supervise operator training

**Education and Qualifications**

**Requirements**

- BS degree or equivalent in a technical field (IE, EE, ME, Materials Science, etc.) and 5+ years of increasingly responsible work in an electronics manufacturing environment, particularly in a high mix, low volume facility
- Strong knowledge of Surface Mount Technology (SMT), wave soldering technology, with experience in lead-free processes (RoHS compliance)
- Knowledge of electro-mechanical assembly processes: soldering (including solder joint characteristics), conformal coating, brazing, adhesive bonding, welding, and precision mechanical assembly
- Experience in development, implementation and maintenance of quality systems and processes
- Knowledge and experience in Process automation
- Strong understanding of IPC standards, including IPC certification (IPC-A-600, 610, 620, and J-STD-001 or equivalent).
- Able to accomplish root cause analysis and resolve problems on a conceptual and advanced troubleshooting level
- Knowledge of ISO standards, audits and inspection techniques, and experience with ISO 9001 and AS9100 certification in a lead/supporting role
- Ability to handle job stress and interact effectively with others in the workplace
- Fluent domain of the English language: Ability to read, write and speak English well
- Ability to carry out detailed written and oral instructions


VADATECH, INC. IS AN EQUAL OPPORTUNITY EMPLOYER M/F/DISABILITY/VET

**How to Apply**