MANUFACTURING/ASSEMBLY ENGINEER I

Posting ID: EM191014AC

Company: Ball Aerospace

Position Type: Full-Time

College Major(s): Civil Engineering (CEE), Construction Management (CEM), Mechanical Engineering (ME), Electrical/Computer Engineering (EE/CpE)

Company Website:

Work Location: Albuquerque, NM

Salary: DOE

College Level(s): Alumni

OVERVIEW

Ball Aerospace pioneers discoveries that enable our customers to perform beyond expectation and protect what matters most. We create innovative space solutions, enable more accurate weather forecasts, drive insightful observations of our planet, deliver actionable data and intelligence, and ensure those who defend our freedom go forward bravely and return home safely. For more information, visit http://www.ball.com/aerospace, Facebook or Twitter.

Ball Aerospace's Albuquerque office, located near Kirtland Air Force Base NM, is a key provider of quick response technology assessments to the Office of the Secretary of Defense, US Air Force, and the Air Force Research Laboratory Space Vehicles directorate. Our multi-discipline staff provides a broad range of engineering and technical services, including technology demonstrations and assessments, laboratory and field experiments, and integrated research and analyses. We are seeking additional qualified engineers and analysts to join our technology assessment oriented organization.

Roles and Responsibilities

- Improve and modify product designs assuring manufacturability; reduce product costs, meet program delivery requirements, and assure rigorous quality requirements are efficiently met through the application of professionally accepted industrial techniques, practices, and procedures.
- Develop, maintain, and enforce effective and efficient manufacturing processes, instructions, flows, systems, and facilities that meet program, customer, and government compliance requirements.
- Develop and maintain detailed production plans, manufacturing schedules, and factory forecasts in support of program and enterprise level operations.
- Develop, maintain, and enforce processes that effectively control company- and customer-owned material, property, and assets.
- Analyze, evaluate, and formally present innovative improvements to operational processes, instructions, and approaches that are required for meeting contract
specifications for new or modified products and systems.

- Compile and evaluate manufacturing data to determine adequacy of the product or process as compared to requirements and specifications.
- Lead multifunctional teams of engineers, planners, technicians, and inspectors through multiple phases of product realization.
- Ensure that all manufacturing procedures and processes conform to company and/or contract requirements for quality and performance.
- Incorporate engineering changes in production and implement corrective action as required.
- Compile and prepare necessary data and engineering items to support technical meetings.
- Organize, analyze, write, and present technical data and/or proposal information for program managers and customers.
- Develop and maintain manufacturing and test records and reports.
- Resolve any technical program difficulties or discrepancies with both customers and subcontractors.
- Maintain a regular and predictable work schedule.
- Design and improve fabrication processes in an micro-electronics lab environment based on industry standards and advanced concepts.
- Assist in R&D; of processes and procuring equipment to improve the quality and efficiency of fabrication of customer required hardware.
- Occasionally assist technical team in equipment operation and maintenance, including fabrication of complex electrical and mechanical assemblies.
- Maintain IPC certifications in hand soldering (IPC J-STD-001) and electronic assembly inspection (IPC-A-610) to facilitate senior-level technician knowledge and management over the technician team when required.
- Maintain a regular and predictable work schedule
- Establish and maintain effective working relationships within the department, the Strategic Business Units, Strategic Support Units and the Company. Interact appropriately with others in order to maintain a positive and productive work environment.
- Perform other duties as necessary.

**Education and Qualifications**

- BS degree or higher in Engineering or a related technical field is required plus 2 or more years related experience.
- A current TS/SCI security clearance is preferred.
- In addition to the typical educational and experience requirements, a demonstrated capability to adequately perform the essential functions and responsibilities of the position and exhibit the skills and competencies of the grade level should be considered.
- Each higher-level degree, i.e., Master’s Degree or Ph.D., may substitute for two years of experience. Related technical experience may be considered in lieu of education. Degree must be from a university, college, or school which is accredited by an agency recognized by the US Secretary of Education, US Department of Education.

**How to Apply**

[https://ball.dejobs.org/albuquerque-nm/manufacturingassembly-engineer-i-665907/D2E0BBBB73184FBBBF50C3EF523C2D43/job/?utm_medium=XMLFeed&utm_source=Symplicity-DE&vs=5082&utm_campaign=Symplicity](https://ball.dejobs.org/albuquerque-nm/manufacturingassembly-engineer-i-665907/D2E0BBBB73184FBBBF50C3EF523C2D43/job/?utm_medium=XMLFeed&utm_source=Symplicity-DE&vs=5082&utm_campaign=Symplicity)