

19-ALL-0626 Production Engineer

Full-Time / Los Alamitos, CA USA

Alliance Spacesystems LLC has an immediate need for a Production Engineer. A 40-hour workweek is standard but at times additional hours may be required to fulfill the duties and responsibilities named above.

Job Summary:

Responsible for developing and implementing manufacturing processes and procedures for fabrication, machining, and assembly of space-flight composite hardware. Works collaboratively with all levels of personnel including Program Managers, Supervisors, Technicians, and Inspectors to ensure the efficient fulfillment of product and delivery commitments.

Essential Job Functions:

A Production Engineer is responsible for the creation and maintenance of the complete operational flow and delivery of fabricated and purchased items as well as the complete support of all related duties and tasks as required by assigned personnel.

Duties and Responsibilities:

- Read and interpret Engineering Drawings to create the Product Indentured Bill-of-Material.
- Consult with Shop Supervisors to develop accurate schedule durations for each component of the build cycle.
- Review Engineering Specifications to determine product requirements.
- Develop optimal, cost-effective manufacturing processes and methods in accordance with product specifications and quality standards.
- Develop, generate, and implement efficient Manufacturing Process documentation in at least four of the Composite Manufacturing areas (Lay-up, Panel Build, Detail Fabrication, Surface Measurements and Tooling Alignment, Machining, Assembly and Structure Integration).
- Responsibilities encompass determination of optimum operating parameters, creation of accurate work instructions, and process improvements, develop tooling and shop aids as necessary.
- Provide technical oversight to shop personnel during all phases of manufacturing.
- Support customer reviews and technical interchange meetings as needed.
- Track, report, and analyze defects driving to root cause and analysis, and providing continuous improvement.
- Use statistical analysis to determine control limits for equipment and processes.
- Support investigations, develop activities and conduct process improvement studies.

Duties and responsibilities may be added, deleted, modified or changed at any time at the Company's discretion. Changes may be made formally, informally either verbally or in writing.

Education/Experience/ Training:

- AS/BS in Manufacturing Engineering, Mechanical Engineering, Industrial Technology or 5 years of equivalent experience in a prototype manufacturing engineering environment required.
- Knowledge of process creation, CNC programming, metallic fabrication techniques, post-fabrication processing and other field related skill-sets is desired.
- Literacy in Microsoft's typical suite of Office software is required (Word, Excel, PowerPoint, Etc.).
- Project management, analytical, problem solving and interpersonal skills will be required.
- Ability to support multiple projects seamlessly and simultaneously with minimal oversight.

Physical Requirements:

The physical and environmental demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodation may be made to enable individuals with disabilities to perform the essential functions.

- Regularly required to use hands to touch, handle, feel
- Frequently required to sit
- Frequently required to stand, walk, climb stairs
- Close vision, distance vision, depth perception and ability to adjust focus
- Noise level in the work environment is typically quiet to moderate noise
- Lift, carry, handle product weighing up to 25 pounds
- Frequent computer use, four plus hours per day

Work Schedule:

A 40 hour workweek is standard, but at times additional hours may be required to fulfill the duties and responsibilities.

Please note this job description is not designed to cover or contain a comprehensive listing of activities, duties, or responsibilities that are required of the employee for this job. Duties, responsibilities, and activities may change at any time without or with notice.

TO BE CONSIDERED FOR THIS POSITION, PLEASE VISIT OUR WEBSITE: <http://alliancespacesystems.com/careers/> AND FILL OUT AN APPLICATION AND UPLOAD A RESUME.

All qualified applicants will receive consideration for employment without regard to race, color, religion, religious creed (including religious dress and grooming practices), national origin, ancestry, citizenship, physical or mental disability, medical condition (including cancer and genetic characteristics), genetic information, marital status, sex (including pregnancy, childbirth, breastfeeding, or related medical conditions), gender, gender identity, gender expression, age (40 years and over), sexual orientation, veteran and/or military status, protected medical leaves (requesting or approved for leave under the Family and Medical Leave Act or the California Family Rights Act), domestic violence victim status, political affiliation, and any other status protected by state or federal law.

The Company will not discharge or in any other manner discriminate against employees or applicants because they have inquired about, discussed, or disclosed their own pay or the pay of another employee or applicant. However, employees who have access to the compensation information of other employees or applicants as a part of their essential job functions cannot disclose the pay of other employees or applicants to individuals who do not otherwise have access to compensation information, unless the disclosure is (a) in response to a formal complaint or charge, (b) in furtherance of an investigation, proceeding, hearing, or action, including an investigation conducted by the employer, or (c) consistent with the contractor's legal duty to furnish information.

***Must Be A U.S. Citizen Or Greencard Holder* ITAR, 22 CFR 120.15 [U.S. Person Information](#)**

Alliance Spacesystems LLC participates in [E-Verify](#).

Equal Opportunity Employer/Protected Veterans/Individuals with Disabilities.
EEO Is the Law [Poster](#) and [Supplement](#).