



Alliance Spacesystems is seeking a Sr. Quality Inspector (Composites)

The Senior Quality Inspector is responsible for the inspection of incoming materials, work in process, machined components, assemblies and final products. The individual will support the hardware development process from end-to-end. The ability to communicate well, work closely with small groups of people in an interactive, fast paced and occasionally high pressure environment is key to the success of this candidate. This individual must have a thorough understanding of both CMM and “bench” inspection processes and techniques, as well as the desire to continually develop and expand his/her skills. Experience with FARO Arm and Laser Tracker experience is a plus.

Essential Job Functions:

- Perform required inspection activities
- Perform source inspection at local subcontractors
- Accurately document the results of inspections, verifications, validations and testing
- Witness and verify compliance to complex assembly procedures including composites, mechanical assembly, machining, etc...
- Verification of inspection or test data provided with incoming materials
- Develop and document inspection procedures, protocols, and checklists

Job requirements:

- A positive attitude and excellent verbal and written communication skills are required for this position
- Must be very familiar with standard concepts, practices, and procedures for composite hardware development, assembly, system level inspections, verifications and validations
- Must be very familiar with standard concepts, practices, and procedures for mechanical piece part inspection
- Must have a minimum 5 years of quality control experience with at least 3 years of CMM experience
- Must have a thorough understanding of ASME Y14.5M-1994
- Must have a thorough understanding of aerospace standards and quality programs
- Proficient with Microsoft Word , Access and Excel
- Familiarity with SolidWorks (desired)
- Capable of working within tight schedules and handling multiple tasks
- The willingness to work overtime (when required)
- US Citizenship or Legal Residency
- Valid Drivers License

About Alliance Spacesystems, LLC

Alliance Spacesystems, LLC. (Alliance) is an exciting and unique company which provides robotics, structures, mechanisms, and system engineering services for spacecraft and instruments. Uniquely equipped to provide a full range of mechanical design and manufacturing services, Alliance performs end-to-end product development from conception through delivery. Alliance's most notable products to date are the robotic arms currently providing critical functionality on the Jet Propulsion Laboratory's Mars Exploration Rovers. Composite, metallic and damped structures have also been delivered for numerous flight programs. Services include design, analysis, fabrication, assembly and test of products for space and other demanding applications. Key competencies include mechanical and electromechanical design, dynamic and stress analysis, machining, precision assembly, and test engineering.

MDAISI offers excellent benefits including medical, dental, 401K, life insurance, short/long term disability and vacation and paid holiday schedules.