



Location : Clyde NY US 14433
Job Type : Full Time
Position: Materials Engineer
Career Level : Experienced
Education : Bachelor's Degree
Category: Manufacturing and Production

Position Summary:

Advanced Atomization Technologies, a Parker Aerospace and GE Aviation joint venture located in Clyde, NY is seeking a Materials Engineer that will be responsible for reviewing product specifications to ensure clarity, completeness, form, fit, function and conformity to specified standards and procedures. Work to identify design errors, omissions and other deficiencies and make recommendations for improvements. Will interpret and validate test results for accuracy and precision. Serve as part of team working alongside manufacturing and design engineers to improve internal process yields. Will serve as mentor/coach to technicians.

Main Responsibilities:

- Support materials issues; knowledge with ability to provide support to other engineering disciplines.
- Write comprehensive detailed and accurate reports that include preparation and delivery in MS Office applications on failure analysis performed on failed and worn aerospace components.
- Prepare and evaluate metallurgical samples from various manufacturing processes
- Support production operation with improving process yields and reducing scrap through lab driven investigations.
- Assure material and processes comply to drawings, specifications and procedures
- Communicate results to Engineering and/or Customer (as needed)
- Cut, mount and prepare samples for analysis

Minimum Qualifications:

- BS or MS in materials science, metallurgical engineering or related discipline with process engineering knowledge required.
- 2-3 years' experience performing essential functions of the job.
- Demonstrated field experience in non-ferrous metallurgy including nickel base, cobalt base, titanium, aluminum and other corrosion and oxidation resistant super alloys.
- Familiar with manufacturing processes such as braze, heat treat, welding, and EDM
- Exposure or experience utilizing a metallographic microscope for taking digital images.
- Experience working through problem solving teams within an engineering and quality driven organization with diverse technical backgrounds.
- Adaptive and resilient to daily changes in work scheduling to meet internal customer demands with strong written and presentation skills

Typical Mental and Physical Demands:

While performing the duties of this job, the team member is required to walk, stand, and sit for extended periods of time. The team member is required to demonstrate manual dexterity and use hands to operate machinery. Specific vision abilities required by this job include close vision. Also expected of the team member is regular attendance, and the ability to work cooperatively and professionally with others. May be required to lift up to 50lbs.

(The essential functions have been provided as examples of types of work performed by team members assigned to this job classification. The Company reserves the right to modify work assignments and/or to make reasonable



accommodations so that qualified team members can perform the essential functions of the job. The physical and mental demands described above are representative of those required to successfully perform the essential functions of this job.)

Due to the Company's military contractor status, the applicant must be a U.S. citizen or a permanent resident of the United States, and must provide evidence of citizenship or immigration status upon applying for the position.

Advanced Atomization Technologies proudly supports Affirmative Action and is an equal opportunity employer/VEVRAA Federal Contractor. "Minority/Female/Disability/Veteran"

Employee Name

Employee Signature

Date

Manager Signature

Date

Human Resources Signature

Date