

Job ID: GW72010D
Job Title: Senior Material & Process Engineer - Aerospace
Degree Requirements: Bachelors Engineering or other Technical Field
Years of Experience: 6 with Composite Experience
Type of Position: Direct Hire
Location: NE Oklahoma
Salary Range: \$75K - \$92K D.O.E.
Travel Required: 25%

IMMEDIATE NEED in NE Oklahoma for a Senior Material & Process Engineer with aerospace composites experience who has a Bachelor's degree in an Engineering or other technical discipline and 6 years work experience.

The **MUST HAVE** items for this position are:

- U.S. Citizenship or U.S. Permanent Residency (Green Card)
- Bachelors degree in an Engineering or Technical discipline
- 6 years work experience in the area of Material & Process
- Work well in a matrix organization involving multiple projects and objectives
- Be able & willing to work split shifts, either in plant or from home, interfacing with international staff members

PLUSSES are:

- PE License

The **Duties & Responsibilities** include but are not limited to:

- Apply knowledge of principles, theories, concepts and industry practices and standards in materials and process engineering evaluating technical and economic factors
- Recommend engineering and manufacturing actions for attainment of design objectives of processes or products in a manufacturing environment
- Develop solutions for a variety of complex problems requiring independent judgment and ingenuity
- Modify procedures and approaches related to applications of materials, equipment or processes in the manufacturing, rework and repair of aerospace products
- Mentor engineers with less experience and expertise
- Review plans for new product and factors such as strength, weight, and cost to submit material selection recommendations to attain design objectives
- Confer with producers of metals, ceramics, or polymers during investigation and evaluation of materials suitable for specific product applications
- Use computer software and hardware to conduct tests on chemicals, materials, and processes
- Plan and implement lab operations developing material & fabrication procedures for new materials fulfilling product cost and performance standards
- Determine conditions under which tests are to be conducted and sequences and phases of test operations
- Direct and exercise control over operational, functional, and performance phases of tests
- Resolve testing problems such as product or system malfunctions, incomplete test data and data interpretation
- Review product failure data & interpret lab tests & analyses to establish or rule out material and process causes
- Examine composite and metal material samples, components and parts using nondestructive and destructive inspection technology to detect delaminations, internal abnormalities, impurities and failure analysis of materials
- Develop & write technical specifications to control material properties and manufacturing or repair processes

- Specify procedures for cutting, shaping, & prepare the basic material considering product specifications, economic & producibility factors
- Design and plan layout for such processes as hardening, washing, laminating, etching, painting, plating & similar operations
- Review and monitor the manufacturing process to control variables in the process such as temperature, laminations, density, viscosity, pressure & similar variables
- Analyze and interpret data and prepares technical reports for use by engineering and management personnel

BENEFITS INCLUDE:

- Competitive Compensation
- Comprehensive Benefits including major medical, dental, and vision insurance.
- Wellness Rebates
- Flexible Spending Accounts for both Medical and Child Care
- On-going Training
- Profit Sharing, Retirement Plans, and a chance to work on the leading edge of aerospace.

KEY WORDS: composites, composite material, cessna, cessna aircraft, boeing, beechcraft, hawker beechcraft, gulfstream aerospace, embraer, airbus, alenia aeronautica, bombardier, bombardier learjet, canadair, dassault, learjet, gulfstream, alenia, aerospace, aircraft, manager, der, pe, six sigma, tqm, kaizen, designated engineering representative, nastran, patran, finite analysis, military aircraft, commercial aircraft, manufacturing, work flow improvement, sourcing, process engineer, bs, delamination

If you meet these requirements and wish to be considered for this position, send your résumé to us using Word 97 -2003 at Resumes@PinnaclePlacementGroup.com mentioning the **Job ID** and the **Job Title** in the subject line of your email. **In your email please provide us a short narrative detailing your experience and expertise as it applies to this position.**