

Standard Aero – Technologist Mat Lab Assc

At StandardAero, we offer:

- A clean, safe, and temperature controlled work environment.
- Competitive compensation structures and a total rewards package.
- A variety of shifts and hours.
- Opportunities for horizontal and vertical movement within the organization.

Position Summary:

- Materials Lab Technologist.
- Provide technical, material, and reporting support and services using material laboratory facilities.
- Provide analytical and technical support services to support failure analysis, process engineering, repair development engineering, reliability investigations, warranty or litigation cases, and special process certification or material acceptance for regulatory and contractual requirements.

Specific Responsibilities:

- Provides technical support, analysis and report writing for the microstructural analysis of turbine engine components. (i.e., turbine blade analyses).
- Provides assistance in the interpretation of materials test results and advises on appropriate laboratory analytical techniques to be used for failure analysis, research or on-going support.
- Schedules production and project work and generates delivery measures of performance.
- Provides technical input for the development of new repair technologies based on laboratory test results.
- Sets up necessary equipment and trains new and current Materials Laboratory Technicians in correct procedures for laboratory operations.
- Prepares complex metallurgical tests according to prescribed procedures and maintains records of results.
- Prepares samples for metallographic analysis including sectioning, mounting, polishing, etching and electro-etching.
- Ensures compliance to the applicable internal quality requirements.
- Recognize and understand flight/product safety critical parts and processes.
- Participate in proactive risk analysis of flight/product safety critical parts and processes.
- Tracks and distributes test results, records batch information, and prepares logs for traceability.
- Maintains all laboratory files and records necessary for the regulatory and contractual needs of the company.

- Maintains and orders necessary equipment and consumables to perform all laboratory work including purchase orders, expenditure authorizations, cost benefit analyses, project schedules and reports, and procurement specifications.
- Provides technical support to production processes as assigned.
- Participates in projects as a team member and/or project team leader

Basic Qualifications:

- College diploma in Mechanical Engineering Technology, Sciences, Metallurgy; or equivalent.
- Registration as a Certified Engineering Technologist (CET) by a provincial association of Engineering/Applied Science Technologists; or equivalent.
- Experience in a Metallurgical and/or chemical laboratory environment within an aerospace or manufacturing setting (1-3 years).
- Thorough knowledge of aerospace materials/super-alloys and manufacturing processes such as brazing, plating, metallizing, welding and heat treatment.
- High degree of mechanical aptitude, accuracy and precision.
- Working knowledge of production management computer systems.
- Ability to read, understand and interpret blueprints.
- Working knowledge of precision measuring instruments.

Preferred Qualifications:

- Thorough knowledge of company instruction, company process and quality manuals.
- Good planning, organizational, analytical, interpersonal, decision making, oral and written communication skills.
- Strong project management skills.
- Working knowledge of PC's in the current company operating system environment.

Click [here](#) to apply on company site.