



POSITION OPENING: Sr. Metallurgical Engineer

COMPANY LOCATION: Niles, Ohio

A. Position Summary

The Sr. Metallurgical Engineer is responsible for leading the research, development, and adaptation of thermo-mechanical processing technologies necessary to advance the manufacturing capabilities and strategic growth of RTI's engineered products and services.

B. Job Duties / Responsibilities

- Conducts research and investigations to develop and test new fabrication processes and procedures.
- Utilizes computer simulation software (e.g. DEFORM, ABAQUS) to characterize manufacturing routes and make recommendations concerning process improvements.
- Utilizes a scanning electron microscope, XRD, EBSD, and outside resources to characterize materials.
- Lead the implementation, validation and support of new and existing processing technologies, including control systems and data acquisition.
- Provide manufacturing technology and technical support to RTI business units.
- Collect technical information through open literature, technical conferences, and personal contacts and disseminate the information to RTI business units.
- Supports the Technical Business Development team.

C. Basic Qualifications / Requirements

- A minimum of a Master's Degree in Metallurgical/Materials Engineering or related field; PhD preferred.
- A minimum of five years related experience working in technical development with a metals background is required. Ten or more years experience including Titanium experience is preferred.
- Must possess strong technical skills and have fundamental knowledge of the physical metallurgy of titanium.
- Demonstrated knowledge of fracture, fatigue, and characterization tools (SEM/EDXA) is required.
- Domestic and limited international travel will be required.
- Must be detail-oriented with strong oral and written communication skills.
- Intermediate level experience with Microsoft Office. Microsoft Project experience a plus.
- DEFORM and ABAQUS software experience required.
- Experience in Six Sigma Black Belt or equivalent problem-solving methodologies a plus
- Demonstrated ability to be a team player, capable of working with diverse groups exhibiting multiple viewpoints, and staying focused on the desired outcome.

RTI INTERNATIONAL METALS, INC. is an equal opportunity employer. All qualified persons (F/M/V/H) are invited to show their interest in specific openings announced by the companies of the Corporation by using the Corporation's prescribed procedure. Unsolicited resumes not addressed to specific openings will not be considered. Qualified candidates may send their resume to ismaldino@rtiintl.com. Such showings of interest must include a cover letter and salary history. If these items are missing the showing of interest will not be considered.