Position: Materials Science Investigator  
Location: Easton, PA

Minerals Technologies Inc. (MTI) is a resource- and technology-based company that develops, produces and markets worldwide a broad range of specialty mineral, mineral-based and synthetic mineral products and related systems and services. The Company has four reportable segments: Specialty Minerals, Performance Materials, Refractories and Energy Services.

MTI provides a business environment and promotes a culture that encourages all employees to contribute to our success. We have long been committed to the recruitment and advancement of the most talented and qualified people. We recognize that MTI’s ability to provide the highest caliber of products and services is enhanced by a workforce that reflects the diversity of the communities and countries in which we work.

We currently have an exciting opportunity for a Materials Science Investigator at our Easton, PA location. The Materials Science Investigator position works as part of the Analytical Services team performing work of a varied nature and is responsible for making some of and implementing most of the decisions relevant to the areas of responsibility with minimal supervision.

Position Details:

- Planning and performing the chemical and physical testing of samples in areas of responsibility, and providing interpretation of the results,
- Modifying and improving existing test methods and developing and validating new test methods.
- Maintaining technical mastery and awareness of the state-of-the-art for areas of responsibility,
- Performing the administrative duties related to areas of responsibility
- Actively assisting the Analytical Services Group to achieve its objectives and fulfill its Mission including compliance with ISO/IEC 17025:2017.
- Application of OE principles

Key Result Areas:

Technical (50%)

- Provides the chemical and physical analyses of a variety of routine to complex samples using light and electron microscopy techniques, X-ray Energy Dispersive Spectroscopy, FT-IR spectroscopy and image analysis. (Essential)
- Maintains expertise in testing procedures and instrumentation through educational courses, literature, scientific conferences, professional societies, field contacts, customer feedback, and laboratory work.
- Performs and oversees research as necessary to examine the suitability of test procedures and makes recommendations concerning the addition, modification, or replacement of test procedures and equipment. Conducts research necessary to solve unique problems as directed. Knowledge of minerals, metals, polymers, paper, non-woven and/or particles desired.
- Issues timely oral and written technical reports of investigations including conclusions and interpretations with the goal of solving technical problems. Uses ingenuity and creativity to provide these technical solutions. (Essential)
- Trains others and provides training resources as required.
- Maintains a general knowledge of the technology related to the analysis and use of MTI products. (Essential)
- Knowledge of metallography or materialography, microtome, Raman Spectroscopy, XRF, XRD, AFM, Surface Analysis and Thermal analysis useful.
Administrative (20%)
- Determines priorities and schedules work consistent with MTI goals and Analytical Services Group resources.
- Participates in budget preparation and controls and monitors expenses as directed.
- Ensures that all records are legal and correct. (Essential)
- Ensures a safe working environment that is compliant with MTI EHS regulations. (Essential)
- Participates in the selection of permanent or temporary personnel as required.

Customer Service (15%)
- Maintains a continuous dialogue with clients to ensure that there is a clear and complete understanding of the customer's expectations, including but not limited to, the problem to be solved, the approach to solution, and the completion date. (Essential)
- Works closely with other Analytical Services Group members in a unified team effort. (Essential)

Continuous Improvement (15%)
- Actively supports an Operational Excellence philosophy and the continuous improvement mindset. (Essential)
- Develops, implements or maintains a quality plan to ensure that the data are accurate, dependable, and defensible. (Essential)
- Maintains a section of the Analytical Services Quality Manual.

Principal Working Relationships:
- Acts as a technical consultant for all MTI departments.
- Works closely with the client as described above.
- Works closely with all members of the Analytical Services Group in all aspects of this job description.
- Has frequent contacts with Research, Technical Service, Quality Assurance, Production, and other internal groups and some contact with vendors and other external resources.
- Effective communication with individuals locally and around the world by means of email, telephone, written documents, and presentations.

Qualifications and Experience:
EDUCATION:
Bachelor's Degree in the physical sciences or engineering, preferably Metallurgy, Metallurgical Engineering, or Materials Science, or suitable experience.

EXPERIENCE: A minimum of two years of SEM Microscope experience, preferably in a service environment.

What We Offer:
- Competitive pay, commensurate with experience
- Health/Dental/Vision plans
- 401k company match
- Life Insurance
- Short Term Disability & Long-Term Disability
- Educational Assistance
- Employee Assistance Plan

Submit resume via email to MTIRecruiter1.NorthAmerica@gmail.com, fax to 610-882-1385 or mail to North American Recruitment/HR Global Business Services, Specialty Minerals Inc., 1 Highland Avenue, Bethlehem, PA 18017. EOE www.mineralstech.com
*Due to the volume of resumes we receive, only candidates meeting position requirements will be contacted.