



## Metallurgist

### Description

The metallurgist will be responsible for the extraction and processing of precious metals and rare earth minerals. The metallurgist will operate various machine tools and equipment, requiring strict adherence to safety protocols and regulations to prevent potential hazards and operational delays. You will also identify cost-efficient methods for the processes without compromising high-quality standards and business requirements. The metallurgist also conducts troubleshooting and enhances technical solutions for production and manufacturing discrepancies. The metallurgist reports to the Head of Research and Development.

### Responsibilities

- Interpret and understand design drawings and make recommendations
- Make manufacturing time-critical decisions
- Monitor quality standards in manufacturing and finishing
- Write documents, manuals, metallurgical investigations, and reports in support of customer liaison
- Discuss different solutions to problems with other technical staff
- Install and commission processing equipment
- Research and develop test or repair technology and new products.
- Monitor all microscopic samples and determine metal specifications such as structure and erosion.
- Manage all metallurgical process, prepare charts and graphs and prepare appropriate reports for all investigations.
- Provide support to all engineering projects and develop appropriate materials and ensure efficient and smooth operations.
- Perform tests on fixed equipment and provide support to all inspection and reliability groups.
- Analyze all fixed equipment, perform failure analysis and prepare appropriate reports.
- Evaluate all reports, perform regular examination with help of methodological system.
- Manage all work, prepare appropriate codes and classify various materials.
- Coordinate with machinery departments and suppliers and perform tests on various raw natural resources.
- Provide support to all manufacturing department and assist in analyzing various materials.
- Ensure compliance to all environment safety requirements and operating guidelines.



## Requirements

- Bachelor's degree or higher in materials science, metallurgy, physics, or engineering in a relevant field like chemical or mechanical engineering.
- Minimum 5 years related experience.
- Good communication and presentation skills for reporting to customers and colleagues
- Teamworking skills with other engineers and scientists
- Business awareness
- Problem-solving ability to deal with manufacturing or technical issues
- Innovation and leadership
- Initiative, drive and enthusiasm for improving metals and methods used
- Numeracy skills
- Attention to detail to interpret design requirements and produce reports
- The ability to focus on results.

This position will work from the Corporate Office in the Fountain Inn, South Carolina.

Job Type: Full-Time

Salary commensurate with experience.

\$65,000-\$90,000 per year