



POSITION AVAILABLE: Director of Technology

June 2011

KB Alloys is a world leader in consistently dependable master alloys for the aluminum industry. With a legacy dating to the industry's beginnings, KB Alloys reaches customers globally through a corporate family that includes plants in Wenatchee, Washington and Henderson, Kentucky. These premier aluminum based alloy manufacturing plants share a commitment to innovation, quality and the highest levels of service to customers in the aerospace, transportation, electronics and commercial products industry.

Summary of Position

Conduct materials research and provide technical support to KB Alloys manufacturing, sales, the Company Business Plan and Company growth. Lead/drive current process and product improvement and new process and product development. Responsible for the transfer of technology to manufacturing.

Duties and Responsibilities

1. Lead/drive the process to identify and complete project work directed to improve current products, manufacturing processes and to respond to customer/market needs. Work with teams formed from applicable manufacturing, sales and other employees.
2. Lead/drive and complete project work to develop new alloys and products and the related scale up to production process.
 - a. Conduct applied research and development. Accountable for experiment design, analysis and characterization of new products.
 - b. Establish project scope and resource requirements. Establish the project timeline. Ensure the project plan is documented, communicated and regularly updated using a Company recommended project management tool. Document all experiment and project work for accurate future reference and to support patent application process.
 - c. Identify and implement R & D opportunities with external resources to support project work. This could include working with government, industry organizations and private entity for grant or agency funded projects and develop programs.
 - d. Publish project work as appropriate. Work with legal counsel to obtain patents to protect/secure Company products, processes and property.
3. Provide technical and scientific expertise and data to KB customers in areas related to use, design, and development of aluminum and nonferrous master alloy products, in the form of technical literature and verbal presentation.
4. Remain aware of new/different technology development, alternative/emerging technology, R & D opportunities and product/process improvements.
5. Assist KB Sales with the review for accuracy all Company technical and market data before internal and external use.
6. Maintain membership and active involvement in industry, trade and professional organizations for the benefit of the company and the employee.
7. Maintain a self-improvement program through participation in professional associations, attendance at conferences and seminars, completion of course work and readings to continue to develop expertise in the casting/foundry industry, process improvements, metals chemistry, and materials science and to continue to develop leadership and coaching skills.
8. Maintain budgetary control over the Technology Department.

9. Complete annual performance appraisals for direct reports in a timely and effective fashion. Incumbent must use this important tool to effectively deal with any areas of concern that need to be addressed, to set goals and expectations for the following year and to acknowledge good performance and accomplishments.

Position Requirements

- PhD in Chemistry, Metallurgical Engineering, Materials Science, Engineering or similar science major.
- Experience in a technical environment with an emphasis on laboratory, project management, product/process improvement and applied research and development.
- Proven skill in experiment design, analysis and completion.
- Minimum 5 years experience in technical resource management.
- Excellent oral and written communication skills.
- Proven ability to work productively with individuals at all levels inside and outside the organization.
- Proficiency in MS Office applications.

KB Alloys provides an excellent compensation package including relocation, health, life and disability insurances, and company match on 401(k).

Qualified candidates may forward cover letter including salary requirement plus resume to:
kballoyshr@gmail.com