LeachGarner has an outstanding opportunity for a Precious Metals Metallurgical Engineer to join our growing engineering team. The Metallurgical Engineer will have extensive knowledge in manufacturing processes and the factory floor environment. In this role you will have a variety of projects involving the fundamentals of precious metals and platinum group alloys metallurgy, phase diagrams, stress vs. strain diagrams, metal processing, and heat treatment to improve LG products and processes.

Mechanical aptitude, attention to detail, project management, and Lean skills are required to be successful in this role. The Metallurgical Engineer will lead a cross functional team to reduce waste, improve yields, increase through put, drive lower costs processes on existing processes, and meet established launch metrics on new products/processes. You will provide timely communication of project reporting, schedules, status, issues and potential misses or exceptions on a regularly scheduled basis.

Specific Responsibilities Include:

- Alloy and process development; conduct alloy property tests; stay up-to-date on recent general alloy and process developments
- Provide technical support on metallurgical issues to production and sales.
- Use Materials Characterization Lab equipment to assist in resolving immediate quality issues.
- Write reports and SOP documentation on manufacturing processes.
- Work with senior management and the Value Stream Managers to identify, define and prioritize projects.
- Work with outside vendors to provide the required equipment, services, or input as required.
- Work with manufacturing line supervision to develop robust protocols to hold the gains for all completed projects.
- Work with Product Managers on development of project estimates, action items, and schedules.
- Develop and Maintain technical knowledge of LeachGarner Process systems, products, equipment, approaches, and technology.
- Develop and implement process improvements to streamline or improve effectiveness and efficiency or targeted processes. Methodically reduce waste; Lean, Six Sigma, DMAIC, TIMWOOD, or similar.
- Develop process specifications to consistently produce high quality precious metal products; conform to budget, customer requirements and project timing.
- Create a “zero injury” work environment by planning safety into all project and post-completion phases. Provided training and assure compliance to safety practices by all parties all phases.
- Project Manager and Team lead for various projects and process improvements – coordinating with team members and Value Stream Support while managing and reporting project status accurately, timely, and according to protocol.
- Conduct daily Gemba Walks and execute engineering standard work.
- Act as change agent to promote employee engagement in hands-on problem solving.
- Develop and/or implement metrics and analytics for safety, quality, delivery, and cost to drive improvement.
- Work closely with Customers, Product Managers and Sales to identify needs and troubleshoot customer issues and requirements.
- Train and guide plant personnel to perform local project execution, tracking, and management tasks in support of projects or as applicable. Oversee supporting lab process and people.
Requirements:
• Bachelor of Science in Metallurgy, Metallurgical Engineering or Material Science from accredited university. Precious metals experience a big plus.
• A minimum of 3-5 years engineering experience, preferably in a manufacturing environment
• Solid knowledge of Lean principles and solid problem-solving skills; DMAIC, 5-Whys, 8D, Shainin, or other problem-solving methods/tools.
• Solid knowledge of metallurgic fundamentals
• Experience in rolling and stamping of metal; cold working and annealing.
• Experience with furnaces, metal forming equipment, equipment specification, capital projects, selection, installation, and validation.
• Ability to work in cross functional teams and effectively communicate up and down the organization as well as across to support groups is critical.
• Demonstrated experience leading projects following Project Management fundamentals
• Strong Statistical skills a plus
• Software expertise in MS Word, Excel, PowerPoint and Project, as a minimum. Solid works and MiniTab a plus.

LeachGarner offers the industry’s most comprehensive melt to market precious metal products and technical expertise. As a leader in precious metals processing, LeachGarner continually evolves to meet the challenges of evergreen markets and strives to exceed expectations for reliability, quality and innovation by an unwavering commitment of integrity.

LeachGarner specializes in the manufacturing and distribution of precious metals in the form of sheet, wire, fancy wire, tubing, fancy tubing, casting grain, findings and chain specific to customer’s needs.

We are committed to bringing responsible and compliant manufacturing to all facilities regardless of geographical location while leveraging our global reach to serve our customers providing quick-to-market and market oriented products.

*LeachGarner is an equal opportunity and affirmative action employer. Women, minorities, people with disabilities and veterans are strongly encouraged to apply.*

Apply directly via the LeachGarner career page:

Or for more info please contact:
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