Posting
Job: Quality Engineer
Location: Research Triangle Park, NC
Start Date: Immediately

bioMASON is a unique biotechnology start-up manufacturing company with a natural process significantly revolutionizing the building and construction industry. bioMASON employs biological and chemical processes to manufacture biocement®-based building materials in ambient temperatures.

Concrete is the second most consumed substance on earth following water. The production of cement accounts for over 8% of global CO2 emissions. bioMASON is driven by scaled proof there is a better way to reduce these emissions.

bioMASON is distinguished by its unique technology, manufacturing costs, the use of local materials, greater environmental responsibility and manufacturing process.

The first commercially available product is bioLITH® Tile. The company competes in the marketplace through direct manufacturing and contracts.

bioMASON is privately held and headquartered in Research Triangle Park, North Carolina. For additional information, please visit www.biomason.com.

Position Summary

The Quality Engineer will oversee the activity of the quality department and staff, developing, implementing, and maintaining a system of quality and reliability testing for the organization’s products and/or development processes. This position will initially report directly to the Chief Production Officer.

Minimum Qualifications, Responsibilities, Tasks and Outcomes:

- Develop and implement quality documentation necessary for production inputs/outputs (IQC/OQC)
- Collect and analyze production samples to evaluate quality.
- Analyze quality control test results and provide feedback and interpretation to manufacturing and product management or staff.
- Monitor performance of quality control systems to ensure effectiveness and efficiency.
- Communicate quality control information to all relevant organizational departments.
- Instruct production staff in quality control and analytical procedures.
- Produce reports regarding nonconformance of products or processes, daily production quality, root cause analyses, or quality trends.
- Participate in the development of product specifications.
- Review statistical studies, technological advances, or regulatory standards and trends to stay abreast of issues in the field of quality control.
- Identify critical points in the manufacturing process and specify sampling procedures to be used at these points.
- Verify that raw materials, purchased parts or components, in-process samples, and finished products meet established testing and inspection standards.
- Review quality documentation necessary for regulatory compliance, submissions and inspections.
- Generate and maintain quality control operating budgets.
- Direct the tracking of defects, test results, or other regulatory reported quality control data.
- Evaluate new testing and sampling methodologies or technologies to determine usefulness.
- Direct testing activities throughout the production cycles.
- Coordinate the selection and implementation of quality control equipment, such as inspection gauges.
- Monitor the development of new products to help identify possible problems for mass production.
- Confer with marketing and sales departments to identify client requirements and expectations.

Knowledge, Skills and Abilities

- Knowledge of the chemical composition, structure, and properties of substances and the chemical processes and transformations that they undergo. This includes uses of chemicals and their interactions, danger signs, production techniques, and disposal methods.
- Knowledge of raw materials, production processes, quality control, costs, and other techniques for maximizing the effective manufacture and distribution of goods.
- Conducting tests and inspections of products, services, or processes to evaluate the quality or performance.
- Identify complex problems and review related information to develop and evaluate options and implement solutions.
- Use logic and reasoning to identify the strengths and weaknesses of alternative solutions, or conclusions or approaches to problems.
- Identify measures or indicators of system performance and the actions needed to improve or correct performance, relative to the goals of the system.
- Determining how a system should work and how changes in conditions, operations, and the environment will affect outcomes.

Required Skills and Interests:

- Bachelor’s degree in Business, Engineering, or field related to the products being developed required.
- Three to five years of experience in related field required; supervisory experience a plus
- Experience and knowledge of ASTM and ISO standards preferred.

The Candidate Must Be:

- Highly organized and possess excellent attention to detail
- Creative, flexible, proactive, punctual, persistent
- A team player
- Able to self-manage
- Comfortable with a demanding, fast-paced work environment
- An excellent communicator.
bioMASON Employees Must Possess:

- Professionalism
- Integrity and Honesty
- Passion and Motivation
- Analytical Skills
- Intelligence and Aptitude
- Productivity

We invite all qualified, interested candidates to send your resume to jobs@biomason.com with the heading “Quality Engineer”. We offer a comprehensive benefits package, collaborative culture and opportunity for advancement.

*BioMASON Inc. takes affirmative actions as an equal opportunity employer to attract, promote, and retain the most fully qualified candidates without regard to race, creed, religion, color, citizenship status, national origin, sex, age, sexual orientation, predisposing genetic characteristics, genetic information, marital status, status as a domestic violence victim, arrest record, disability, military status, disabled veteran, recently separated veteran, Armed Forces Service Medal veteran, other protected veteran or other characteristic as protected by law.

EOE M/F/D/V