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 that 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.

bioMASON is seeking a Process Engineer. The Process Engineer is primarily responsible to baseline, characterize and control critical process technology steps in bioMASON manufacturing plant(s). This work will involve state of the art data collection schemes, design of experiments and statistical process control methodologies. This position will report to our Director of Manufacturing Engineering and works collaboratively with R&D and manufacturing teams.

Minimum Qualifications Responsibilities, Tasks and Outcomes:

- Pursuing on-going manufacturing process improvements as well as maintaining and repairing existing equipment and facilities.
- Be organized and hit aggressive ramp schedules.
- Work safely and drive process improvements.
- Work with development chemist, biologists, engineers, and managers to develop robust processes which incorporate standard unit operations, to meet stringent quality requirements.
- Develop and manage project plans for process development activities to generate process design information for scale-up and evaluate process technical issues.
- Support operations by making decisions in the plant according to real time data to ensure the process is performing as expected, perform troubleshooting, and develop corrective actions.
- Listen actively and solve problems in a structured manner.
- Manage change through cross-functional partnering in a global environment.
Required Skills and Interests:

● Bachelor/Master of Science degree in Chemical Engineering or Biology.
● Minimum 7 years’ experience required, in working with chemical plants to implement process improvements, in transfer technology from lab/pilot scale to the commercial scale, or in working in an industrial-focused research and development organization.

Desired traits:

● Demonstrate safety leadership
● Effective verbal and written communication skills necessary to deliver technical presentations in support of product proposals and engineering design reviews.
● Ability to work independently.
● Align individual goals and their impact on the team success and demonstrate commitment to shared objectives.
● Focus on team success and is accountable for team and individual results.
● Leverage advancements in technology that create significant improvements.
● Proactively raise concerns and recommended solutions.

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

Must have reliable transportation to the RTP/ Raleigh area.

Please send your resume and fully completed application to jobs@biomason.com with the heading Process Engineer.

The bioMASON Career application may be found on bioMASON’s website, under the “Career” tab http://biomason.com/wp-content/uploads/2015/12/bioMASON_Application-1.pdf

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