

**bioMASON**  
building with nature

bioMASON Inc.  
May 2017

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**Job:** Materials Testing and Applications Engineer  
**Location:** Research Triangle Park, NC  
**Start Date:** Effective Immediately, Full Time

bioMASON is a unique biotechnology start-up manufacturing company with a natural process that will revolutionize the building and construction industry. bioMASON employs microorganisms and chemical processes to manufacture biological cement-based masonry building materials in ambient temperatures.

bioMASON is dedicated to finding talented, multi-faceted, hard-working, and passionate people to join our innovative team. We are a young start-up seeking to make a massive impact on carbon emissions. bioMASON believes in a fast-paced, creative working environment that fosters collaboration and innovation unhindered by traditional boundaries.

The company appeals to self-directed, flexible teammates who embrace ambiguity, learn quickly, possess interpersonal skills, and seeks to test ideas through rapid iteration. An insatiable curiosity about biocement, design sensibilities, and customer empathy is required. The work often requires more than 40 hours per week including occasional nights and weekends.

bioMASON is seeking a Materials Testing and Applications Engineer. This is a Full-time Associate position, responsible for the routine performance testing of bioMASON building material products, ensuring conformance to established standards (e.g. ASTM, ISO), and the development of new testing methods as required. This position reports to the bioAPPLICATION Scientist and the Chief Technology Officer.

**Minimum Qualifications:**

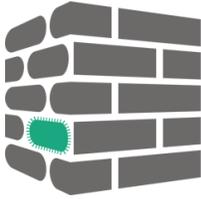
- Bachelor Degree or higher in Civil Engineering
- Minimum 2-years work experience in a materials testing laboratory.

**Responsibilities, Tasks and Outcomes:**

- Research, development, and implementation of materials testing standards.
- Routine materials testing and performance analysis.
- Formal documentation of performance data.
- Coordination and internal dissemination of performance data for product development.
- Observation and analysis of material performance for new product development.
- Performing other duties assigned by your supervisor

**Required Skills and Interests:**

- Experience in ASTM materials testing as related to concrete, stone, and masonry building materials and construction assemblies.
- Demonstrable data management and analysis skills.
- Ability to maintain and calibrate testing systems and equipment.
- Ability to work on small team under tight deadlines



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**The Candidate Must Be:**

- Organized and possess excellent attention to detail
- Creative, flexible, proactive, punctual, persistent
- A team player
- Ability to Self-Manage
- Comfortable with a demanding fast-paced work environment and ability to excel in a growing environment

**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](mailto:jobs@biomason.com) with the heading "*Materials Testing and Applications 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](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*