

bioMASON  
building with nature

## Process Chemist II Job Description July 2019

### **Posting**

**Job:** Process Chemist II  
**Location:** Research Triangle Park, NC  
**Start Date:** Immediately

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.

bioMASON is seeking a Process Chemist II. This position is responsible for leading the development and implementation of new processes, and reports to the Chief Technology Officer.

### **Minimum Qualifications:**

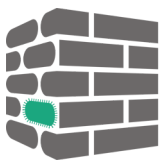
- Masters degree or higher in Chemistry, Biochemistry, Biochemical Engineering, Chemical Engineering, or a relevant field of study.
- Minimum of 3 years professional work experience, at least 1 year of which were spent in a supervisory role.

### **Responsibilities, Tasks and Outcomes:**

- Leads process chemistry development for scaled industrial implementation including mass balance optimization and the implementation of water recovery technologies.
- Coordinates with external agencies, system component manufacturers, and internal teams for process improvement and regulatory compliance.
- Works closely with the CTO, production and R&D teams to achieve company milestones using advanced techniques (e.g. Design of Experiments).
- Promotes and leads data-driven, fact-based problem solving methodologies.
- Pursues continuous technology improvement and process optimization.
- Prepares reports and other documentation required by regulatory agencies.
- Additional tasks as assigned by the supervisor.

### **Required Skills and Interests:**

- Mastery of ion chemistry and water recovery methods
- Process water separation expertise
- Understanding of mechanical and filtration techniques for coordination with systems engineering teams
- Technical writing skills
- Data driven with Design of Experiment and Statistical Analysis expertise
- Proven track record in process development and implementation



bioMASON  
building with nature

- Experience coordinating with external parties (vendors, agencies, etc)
- Must have proven ability to lead a diverse team.
- Excellent communication skills and the ability to work well with people at all levels are essential.
- Must be able to demonstrate strong organizational and managerial skills.

#### **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](mailto:jobs@biomason.com) with the heading "Process Chemist II"

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*