



bioMASON
building with nature

Process Chemist II Job Description April 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 or higher in Chemistry, Biochemistry, Biochemical Engineering, Chemical Engineering
- Minimum of 3 years professional work experience, at least 1 year of which were spent in a supervisory role.

Responsibilities, Tasks and Outcomes:

- Responsible for leading the development and implementation of new process development for multiple funding agencies.
- Works closely with the CTO, production and R&D teams to develop and optimize processes using advanced techniques (e.g. Design of Experiments).
- Promotes and leads data driven/ fact based problem-solving methodologies.
- Manages milestone driven continuous improvements in process optimization.
- Technical writing (submits reports to internal/external agencies).
- Prepares reports and other documentation required by regulatory agencies.
- Additional tasks as assigned by the supervisor.

Required Skills and Interests:

- Mastery of chemistry
- Experience in water chemistry and water recovery methods
- Process water separation expertise
- Extremely research and data driven
- Understanding of mechanical systems for coordination with systems engineering teams
- Design of Experiment and Statistical Analysis expertise
- Proven track record in process development and implementation
- Experience coordinating with external parties (vendors, agencies, etc)
- Must have proven ability to lead a diverse team of technicians. 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 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

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