



Plant Manager/Process Engineer

Job title: Plant Manager/Process Engineer at Mango Materials
Location: Redwood City, CA
Ideal Start Date: March 2019

Mango Materials is a start-up company working to produce environmentally friendly, biobased, biodegradable polymers from waste greenhouse gases. We are seeking a Process Engineer/Plant Manager to join an energetic, multi-disciplinary team of scientists and engineers. This person will support the advancement and further scale-up of a novel gas biomanufacturing technology to meet commercial targets by managing our Launch Facility. This position is based at the Silicon Valley Clean Water wastewater treatment plant in Redwood City, CA.

Requirements of this position include:

- Bachelors degree in Chemical/Biochemical Engineering
- Five or more years of professional experience including hands-on operational experience
- Familiarity with concepts and equipment of unit operations such as anaerobic digestion, fermentation, centrifugation, filtration, and solvent extraction
- Ability to use chemical engineering concepts to design and optimize unit operations and overall manufacturing process
- Ability to lift 25 to 50 pounds
- Comfortable ascending ladders and working at heights
- Availability to work on occasional weekends and evenings
- Ability to work with pilot scale equipment utilizing mechanical aptitude and trouble shooting skills. Experience with instruments and automated controls desirable.
- Excellent written and verbal communication and personal interaction skills
- Ability to work in safety manner in compliance with company and facility policies

Responsibilities include:

- Provide hands-on support to pilot testing to prove out company technology
- Record, organize, and analyze data and present results and recommendations for future testing and equipment modifications
- Interface with other engineers and outside engineering firms to support successful scale-up of technology to commercial operations
- Maintain a safe and orderly laboratory and pilot plant, ensuring compliance with all safety policies and practices
- Participate in new product scale-up, purification, process optimization,



- technology transfer and process validation activities
- Manage a team of plant operators/lab technicians. This will include hiring new operators
 - Coordinate site preparation for launch facility
 - Oversee commissioning of launch facility

The candidate must be:

- Exceptional at fostering a culture where safety is paramount
- A self-starter and quick learner
- Highly organized and with excellent attention to detail
- An outstanding communicator
- Creative, flexible, proactive, punctual
- A team player
- Comfortable with a fast-paced work environment
- Calm in potentially high-pressure situations
- An excellent technical writer
- Proficient in data analysis

To respond to this posting, please send an email to jobs@MangoMaterials.com. Please include a short (less than 100 word) cover letter addressed to Mango Materials in the body of the email and specifically mention why you would be great for this position. It is ok to still attach your standard cover letter and resume to the email. Also, please use the subject line, "2019 Plant Manager for Mango Materials your-last-name". After you have signed the email please add a "PS" with one or two sentences describing what you would ideally like out of this job.

Please note that we will be reviewing resumes immediately.