



Pilot Plant Technician

Position Posting

The Bioprocess Operator / Technician is an experienced engineer, scientist, technician, or related occupation that is responsible for the safe operation of fermentation and downstream processing systems in the company.

This role reports to the Director of R&D

The key responsibilities of this role are:

Revenue 100%

- Participates in all aspects of fermentation, including:
 - Medium Preparation/Sterilization;
 - Set/Fermentation/Separation;
 - Cleaning-in-Place, and
 - Manual pre-fermentation Steps.
- Operate, troubleshoot, and maintain bioreactors and/or fermenters, downstream processing systems, and support equipment at the lab, pilot, and commercial scale.
- Operates downstream processing equipment, e.g. pilot plant scale centrifuge, filtration, spray dryer, etc.
- Continuously monitors the processing equipment utilized for fermentation, assuring operation within established norms as to nutrient addition, temperature, and pH control via Controller.
- Troubleshoots plant equipment and instrumental devices such as, flow valves, level transmitters, temperature senders, etc. Makes adjustments/corrections or initiates maintenance work orders, when required.

- Participate in the commissioning and start-up of pilot-scale fermentation and downstream processing lines.
- Communicate findings to internal project teams.
- Follow Standard Operating Procedures (SOP)
- Write GMP compliant technical documentation including recording in Batch Records, laboratory notebooks, reports, and Standard Operating Procedures
- Assist with the implementation and maintenance of Management of Change (MoC) systems specific to the fermentation operations.
- Maintain safety in the operation of fermenters/bioreactors and support Safety Management (SM) for the facility.
- Complete required general sanitation and housekeeping duties in all assigned areas, including, but not limited to, fermentation/separation/receiver areas.

Infrastructure

- Support on-going development and implementation of resource management programs to measure and optimize energy efficiency and sustainability

Human Dynamics

- Use company values as a decision-making tool
- Embody company purpose, values and the cultural commitments
- Build healthy and prosperous relationships within team, company and with external partners/collaborators

Ecosystem

- Contribute to the implementation of approved business systems and process across the ecosystem

The qualifications and skills required to be a good fit for this role are:



- Engineering or sciences degree or similar with 2-5 years of experience in a biotech, pharmaceutical, biofuel, or food fermentation operations role or equivalent experience in place of a degree.
- Working knowledge of processing equipment, including valves, pumps and clarifiers/separators and working knowledge of plant instrumental devices.
- Must learn all skills of a utility Operator in a Pilot Plant.
- Expertise in cGMP food and/or pharmaceutical operations is preferred.
- Troubleshoot skills and mechanical aptitude.
- Able to recognize when optimization, correction, or custom changes are necessary - ability to troubleshoot and manage operations.
- Excellent communication skills, particularly the ability to thoroughly document operation activities and details.
- Accuracy and attention to detail; logical and methodical approach to problem solving.
- Able to develop and maintain productive and positive relationships with scientist, transportation vendors, contractors, and other employees.
- Able to effectively present information and respond to questions from internal/external customers.
- Able to lift and/or move up to 50 pounds regularly throughout

Our Ecosystem values the diversity of the people it hires and serves. Diversity in our Ecosystem means fostering a workplace in which individual differences are recognized and respected. We encourage and welcome applications from all qualified candidates.

Please email careers@smallfood.com to apply.