

**Job Title: Biochemical Process Engineer**

**Location: Milwaukee, WI**

The Biochemical Process Engineer is responsible for developing new industrial processes and designing new process plants and equipment or modifying existing ones.

**Job Responsibilities**

- Optimizes existing processes by performing trials on lab, pilot, and production scale fermenters to improve product yield, quality, efficiencies, economics, safety, etc.
- Transfers and/or scales up fermentations and recovery processes from customers' pilot or production scale.
- Troubleshoots production/equipment problems with chemical operators, maintenance staff and co-workers.
- Performs laboratory experiments to develop/validate new or improved processes and to troubleshoot processes.
- Maintains SAP recipes and associated Bills of Material (BOMs) per intermediate/product.
- Prepares new (and updates) and process Standard Operating Procedures (SOPs) as needed.
- Prepares technical summary reports for internal use and for customers for first-time production-scale processes and pilot trials.
- Applies new technologies to current and new processes (e.g., unit operations, process control).
- Trains production staff on operating procedures and product processing procedures as needed.
- Incorporates safety considerations and quality/environmental controls in all aspects of one's duties.

**Qualifications**

- Bachelor of Science degree in Chemical Engineering with experience in pilot and production environments
- Experience in a life science production scale environment
- Familiarity with fermentation and downstream processing equipment and associated scale-up