

Job Title: Chemical Process Engineer**Location: Houston, TX****Job Responsibilities:**

- Works with Operations Manager and other Production department staff to establish annual departmental goals and objectives for the site's production areas.
- Reviews daily operation of batch production areas and performs process troubleshooting to maintain capacity operation as required.
- Identifies and implements projects for cost savings and long-term resolution of operational problems. Serves as Area Representative on some projects.
- Performs process optimization to maximize quality and minimize operating costs.
- Performs day-to-day yield improvement and process performance monitoring to assure maximum production output.
- Works within capital and fixed budget guidelines on all projects and utilizes cost control measures where necessary.
- Works with Process Operators, Engineers, Supervisors, and other site personnel to develop, implement, and improve process control systems within the plant.
- Coordinates and/or participates on quality and process improvement teams and serves as Area Representative for projects/tests to be done in the process area.
- Utilizes statistical methods for process optimization to maintain and improve quality/yields and to detect problems that may result in reduced rates and product quality non-compliance.
- Participates in other Safety and Environmental initiatives to contribute to compliance of State/Federal regulations while improve existing Company programs.
- Works with Research and Development/Pilot Plant on new products. Including cGMP qualification and validation of processes, equipment, etc.
- Performs other related duties as assigned for the purpose of ensuring the efficient and effective functioning of the department.

Qualifications:

- A Bachelor of Science Degree in Chemical Engineering or related discipline.
- Previous chemical plant manufacturing experience.
- Well versed in plant process engineering, trouble-shooting and problem-solving techniques, engineering standards, Process Safety Management (PSM), Management of Change, capital budgeting process and project cost control.
- Individual must be able to respond appropriately during site emergencies as directed by the Site Emergency Manager.
- Must be capable of evacuating the manufacturing process areas in a timely manner should an emergency situation arise.
- Must also be able to wear and properly utilize appropriate personal protective equipment if required to work or visit within the manufacturing process area. This may include hard hat, safety glasses, respirators, ear plugs, steel-toed shoes, or other equipment as required by the work performed and location the work is being done.

Skills:

- Five to ten years of prior experience within a chemical plant manufacturing environment.
- Ability to interface well with employees involved in process engineering work, including Process Operators, Manufacturing Engineers, and members of site Leadership Team.
- Ability to 1) identify critical issues and formulate action plans with all levels of management, including Corporate, 2) develop and foster a positive work environment at all levels, and 3) resolve conflicts through problem resolution skills.
- Ability to identify Quality improvement opportunities and formulate action plans for implementation. This requires exceptional work planning and problem-solving skills.