



## Job Overview

The Production Engineer is an entry level engineering and manufacturing position within the Technology and Production Team and should be capable of performing all engineering support responsibilities for maintaining and improving site operations, production, and utilities. This role creates value through continuous improvement efforts, increasing reliability, minimizing waste, and compliance with FDA, OSHA, and EPA regulation. A Production Engineer should be proficient in safely performing all production responsibilities (unassisted after training) according to the established Standard Operating Procedures (SOPs) in the three production lines; glycerin refining, specialty vegetable oil refining and continuous vegetable oil refining. Production Engineer individuals will develop a working understanding of the processes and be focused on continuous improvement.

## Responsibilities and Duties

- Have a thorough understanding of and be able to apply Occupational Health and Safety policies and procedures to engineering projects and production sites.
- Have a thorough understanding of and be able to apply Good Manufacturing Practices and understand how they affect maintenance and production.
- Ability to demonstrate a basic and increasing understanding of the Glycerin, or Vegetable Oil, and Utility systems.
- Perform duties in accordance with SOPs, Food Safety and GMP compliance.
- Assist with writing and revising controlled documents such as SOPs, MOCs, and all engineering documentation.
- Apply process and equipment knowledge to troubleshoot deficiencies, reduce waste, improve production efficiency and improve product quality.
- Participate in company trainings.
- Complete all required projects and documentation accurately and in a timely manner.
- Perform additional duties as assigned.
- Be an active member in the OSHA Safety and Food Safety programs.

## Qualifications

- Undergraduate degree in Engineering, Industrial Technology, Ag Systems Technology or relevant field

- Must be computer literate and have a full working knowledge of Microsoft Office Suite
- Interest/experience in food processing plant, biodiesel, ethanol, or manufacturing facility is preferred
- Must have operating knowledge and mechanical aptitude for operating and maintaining pumps, motors, valves, heat exchangers, heaters and other processing or utility equipment
- Must be able available to assist in troubleshooting problems and making emergency repairs as needed (including weekends and/or nights)
- Physical abilities to include ability to lift 51lbs, able to climb stairs and not afraid of heights